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Cover Page

Order ID : Q3128

Project ID : NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258

Client : AECOM Technical Services, Inc.

Lab Sample Number	Client Sample Number
Q3128-01	BPOW6-1-20250916
Q3128-02	BPOW6-1-20250916MS
Q3128-03	BPOW6-1-20250916MSD
Q3128-04	BPOW6-4-20250916
Q3128-05	BPOW6-9-20250916
Q3128-06	BPOW6-3-20250916
Q3128-07	BPOW6-2-20250916
Q3128-08	BPOW6-10-20250916
Q3128-09	BPOW6-11-20250916
Q3128-10	BPOW6-8-20250916
Q3128-11	BPOW6-7-20250917
Q3128-12	BPOW6-6-20250917
Q3128-13	BPOW6-5-20250917
Q3128-14	TB07-20250912

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: 9/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

AECOM Technical Services, Inc.
Project Name: NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258
Project # N/A
Order ID # Q3128
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
14 Water samples were received on 09/17/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: 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#121-1324UI. 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 were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID VX047795.D met the requirements except for Dichlorodifluoromethane and Methyl Acetate failing high but no positive hit in associated samples therefore no corrective action taken.

The Continuous Calibration File ID VX047825.D met the requirements except for Methyl Acetate failing high but no positive hit in associated samples therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
The not QT review data is reported in the Miscellaneous.

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

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

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3128 MATRIX: Water

METHOD: 8260D

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements. The Initial Calibration met the requirements. The Continuous Calibration File ID VX047795.D met the requirements except for Dichlorodifluoromethane and Methyl Acetate failing high but no positive hit in associated samples therefore no corrective action taken. The Continuous Calibration File ID VX047825.D met the requirements except for Methyl Acetate failing high but no positive hit in associated samples therefore no corrective action taken.			✓
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The MS recoveries met the requirements for all compounds. The MSD recoveries met the requirements for all compounds. The RPD were met for all analysis. The Blank Spike met requirements for all compounds.		✓	

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

		NA	NO	YES
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 not QT review data is reported in the Miscellaneous.

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q3128**

	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:** **09/29/2025**

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LAB CHRONICLE

OrderID:	Q3128	**OrderDate:**	9/17/2025 1:13:00 PM
Client:	AECOM Technical Services, Inc.	**Project:**	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258
Contact:	Eleanor Vivadou	**Location:**	VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3128-01	**BPOW6-1-20250916**	**Water**			**09/16/25**			**09/17/25**
			VOCMS Group1	8260-Low			09/26/25	
Q3128-04	**BPOW6-4-20250916**	**Water**			**09/16/25**			**09/17/25**
			VOCMS Group1	8260-Low			09/26/25	
Q3128-05	**BPOW6-9-20250916**	**Water**			**09/16/25**			**09/17/25**
			VOCMS Group1	8260-Low			09/26/25	
Q3128-06	**BPOW6-3-20250916**	**Water**			**09/16/25**			**09/17/25**
			VOCMS Group1	8260-Low			09/26/25	
Q3128-07	**BPOW6-2-20250916**	**Water**			**09/16/25**			**09/17/25**
			VOCMS Group1	8260-Low			09/25/25	
Q3128-08	**BPOW6-10-20250916**	**Water**			**09/16/25**			**09/17/25**
			VOCMS Group1	8260-Low			09/25/25	
Q3128-09	**BPOW6-11-20250916**	**Water**			**09/16/25**			**09/17/25**
			VOCMS Group1	8260-Low			09/25/25	
Q3128-10	**BPOW6-8-20250916**	**Water**			**09/16/25**			**09/17/25**
			VOCMS Group1	8260-Low			09/25/25	
Q3128-11	**BPOW6-7-20250917**	**Water**			**09/17/25**			**09/17/25**
			VOCMS Group1	8260-Low			09/25/25	
Q3128-12	**BPOW6-6-20250917**	**Water**			**09/17/25**			**09/17/25**
			VOCMS Group1	8260-Low			09/25/25	
Q3128-13	**BPOW6-5-20250917**	**Water**			**09/17/25**			**09/17/25**
			VOCMS Group1	8260-Low			09/25/25	
Q3128-14	**TB07-20250912**	**Water**			**09/12/25**			**09/17/25**

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LAB CHRONICLE

VOCMS Group1	8260-Low	09/26/25

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Hit Summary Sheet
SW-846

SDG No.: Q3128

Client: AECOM Technical Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**BPOW6-1-20250916**								
Q3128-01	BPOW6-1-2025091	Water	Acetone	1.90	J	1.50	3.80	5.00	ug/L
			Total Voc :	1.90					
			Total Concentration:	1.90					
Client ID:	**BPOW6-9-20250916**								
Q3128-05	BPOW6-9-2025091	Water	Acetone	2.00	J	1.50	3.80	5.00	ug/L
Q3128-05	BPOW6-9-2025091	Water	Trichloroethene	0.29	J	0.090	0.75	1.00	ug/L
			Total Voc :	2.29					
			Total Concentration:	2.29					
Client ID:	**BPOW6-3-20250916**								
Q3128-06	BPOW6-3-2025091	Water	Acetone	1.60	J	1.50	3.80	5.00	ug/L
			Total Voc :	1.60					
			Total Concentration:	1.60					
Client ID:	**BPOW6-6-20250917**								
Q3128-12	BPOW6-6-2025091	Water	m/p-Xylenes	0.33	J	0.24	1.00	2.00	ug/L
Q3128-12	BPOW6-6-2025091	Water	o-Xylene	0.25	J	0.12	0.50	1.00	ug/L
			Total Voc :	0.58					
			Total Concentration:	0.58					

QC SUMMARY

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Surrogate Summary

SDG No.: Q3128

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3128-01	BPOW6-1-20250916	1,2-Dichloroethane-d4	50	54.3	109		81	118
		Dibromofluoromethane	50	49.1	98		80	119
		Toluene-d8	50	48.6	97		89	112
		4-Bromofluorobenzene	50	54.7	109		85	114
Q3128-02MS	BPOW6-1-20250916MS	1,2-Dichloroethane-d4	50	55.4	111		81	118
		Dibromofluoromethane	50	54.1	108		80	119
		Toluene-d8	50	51.7	103		89	112
		4-Bromofluorobenzene	50	52.9	106		85	114
Q3128-03MSD	BPOW6-1-20250916MSD	1,2-Dichloroethane-d4	50	49.1	98		81	118
		Dibromofluoromethane	50	47.9	96		80	119
		Toluene-d8	50	47.6	95		89	112
		4-Bromofluorobenzene	50	47.9	96		85	114
Q3128-04	BPOW6-4-20250916	1,2-Dichloroethane-d4	50	50.9	102		81	118
		Dibromofluoromethane	50	48.5	97		80	119
		Toluene-d8	50	48.0	96		89	112
		4-Bromofluorobenzene	50	53.0	106		85	114
Q3128-05	BPOW6-9-20250916	1,2-Dichloroethane-d4	50	54.5	109		81	118
		Dibromofluoromethane	50	50.2	100		80	119
		Toluene-d8	50	49.4	99		89	112
		4-Bromofluorobenzene	50	55.3	111		85	114
Q3128-06	BPOW6-3-20250916	1,2-Dichloroethane-d4	50	54.6	109		81	118
		Dibromofluoromethane	50	50.6	101		80	119
		Toluene-d8	50	49.5	99		89	112
		4-Bromofluorobenzene	50	56.3	113		85	114
Q3128-07	BPOW6-2-20250916	1,2-Dichloroethane-d4	50	52.3	105		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	49.0	98		89	112
		4-Bromofluorobenzene	50	53.0	106		85	114
Q3128-08	BPOW6-10-20250916	1,2-Dichloroethane-d4	50	51.4	103		81	118
		Dibromofluoromethane	50	48.7	97		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	54.0	108		85	114
Q3128-09	BPOW6-11-20250916	1,2-Dichloroethane-d4	50	53.2	106		81	118
		Dibromofluoromethane	50	49.4	99		80	119
		Toluene-d8	50	49.1	98		89	112
		4-Bromofluorobenzene	50	54.5	109		85	114
Q3128-10	BPOW6-8-20250916	1,2-Dichloroethane-d4	50	52.0	104		81	118
		Dibromofluoromethane	50	49.9	100		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	53.7	107		85	114
Q3128-11	BPOW6-7-20250917	1,2-Dichloroethane-d4	50	50.4	101		81	118
		Dibromofluoromethane	50	49.5	99		80	119
		Toluene-d8	50	49.4	99		89	112
		4-Bromofluorobenzene	50	53.8	108		85	114
Q3128-12	BPOW6-6-20250917	1,2-Dichloroethane-d4	50	54.9	110		81	118
		Dibromofluoromethane	50	50.2	100		80	119
		Toluene-d8	50	49.6	99		89	112
		4-Bromofluorobenzene	50	56.1	112		85	114
Q3128-13	BPOW6-5-20250917	1,2-Dichloroethane-d4	50	52.1	104		81	118
		Dibromofluoromethane	50	48.4	97		80	119

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Surrogate Summary

SDG No.: Q3128

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3128-13	BPOW6-5-20250917	Toluene-d8	50	47.3	95		89	112
		4-Bromofluorobenzene	50	52.0	104		85	114
Q3128-14	TB07-20250912	1,2-Dichloroethane-d4	50	51.3	103		81	118
		Dibromofluoromethane	50	48.8	98		80	119
		Toluene-d8	50	48.6	97		89	112
		4-Bromofluorobenzene	50	54.1	108		85	114
VX0925WBL01	VX0925WBL01	1,2-Dichloroethane-d4	50	51.1	102		81	118
		Dibromofluoromethane	50	48.4	97		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	53.3	107		85	114
VX0925WBL02	VX0925WBL02	1,2-Dichloroethane-d4	50	54.4	109		81	118
		Dibromofluoromethane	50	48.8	98		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	54.8	110		85	114
VX0925WBS01	VX0925WBS01	1,2-Dichloroethane-d4	50	53.3	107		81	118
		Dibromofluoromethane	50	52.0	104		80	119
		Toluene-d8	50	50.2	100		89	112
		4-Bromofluorobenzene	50	53.1	106		85	114
VX0925WBS02	VX0925WBS02	1,2-Dichloroethane-d4	50	53.5	107		81	118
		Dibromofluoromethane	50	54.5	109		80	119
		Toluene-d8	50	53.6	107		89	112
		4-Bromofluorobenzene	50	54.6	109		85	114

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3128 **Analytical Method:** SW8260-Low

Client: AECOM Technical Services, In **Datafile :** VX047844.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3128-02MS		**Client Sample ID : BPOW6-1-20250916MS**									
Dichlorodifluoromethane	50	0	54.8	ug/L	110				32	152	
Chloromethane	50	0	55.6	ug/L	111				50	139	
Vinyl chloride	50	0	57.3	ug/L	115				58	137	
Bromomethane	50	0	49.6	ug/L	99				53	141	
Chloroethane	50	0	55.0	ug/L	110				60	138	
Trichlorofluoromethane	50	0	53.5	ug/L	107				65	141	
1,1,2-Trichlorotrifluoroethane	50	0	50.3	ug/L	101				70	136	
1,1-Dichloroethene	50	0	54.6	ug/L	109				71	131	
Acetone	250	1.90	240	ug/L	95				39	160	
Carbon disulfide	50	0	55.0	ug/L	110				64	133	
Methyl tert-butyl Ether	50	0	56.0	ug/L	112				71	124	
Methyl Acetate	50	0	51.9	ug/L	104				56	136	
Methylene Chloride	50	0	56.0	ug/L	112				74	124	
trans-1,2-Dichloroethene	50	0	56.0	ug/L	112				75	124	
1,1-Dichloroethane	50	0	55.9	ug/L	112				77	125	
Cyclohexane	50	0	48.2	ug/L	96				71	130	
2-Butanone	250	0	290	ug/L	116				56	143	
Carbon Tetrachloride	50	0	49.9	ug/L	100				72	136	
cis-1,2-Dichloroethene	50	0	56.0	ug/L	112				78	123	
Bromochloromethane	50	0	55.8	ug/L	112				78	123	
Chloroform	50	0	56.8	ug/L	114				79	124	
1,1,1-Trichloroethane	50	0	53.8	ug/L	108				74	131	
Methylcyclohexane	50	0	43.4	ug/L	87				72	132	
Benzene	50	0	53.1	ug/L	106				79	120	
1,2-Dichloroethane	50	0	52.0	ug/L	104				73	128	
Trichloroethene	50	0	52.0	ug/L	104				79	123	
1,2-Dichloropropane	50	0	54.2	ug/L	108				78	122	
Bromodichloromethane	50	0	54.2	ug/L	108				79	125	
4-Methyl-2-Pentanone	250	0	290	ug/L	116				67	130	
Toluene	50	0	52.9	ug/L	106				80	121	
t-1,3-Dichloropropene	50	0	47.1	ug/L	94				73	127	
cis-1,3-Dichloropropene	50	0	46.3	ug/L	93				75	124	
1,1,2-Trichloroethane	50	0	55.5	ug/L	111				80	119	
2-Hexanone	250	0	280	ug/L	112				57	139	
Dibromochloromethane	50	0	55.8	ug/L	112				74	126	
1,2-Dibromoethane	50	0	56.3	ug/L	113				77	121	
Tetrachloroethene	50	0	46.9	ug/L	94				74	129	
Chlorobenzene	50	0	50.3	ug/L	101				82	118	
Ethyl Benzene	50	0	49.2	ug/L	98				79	121	
m/p-Xylenes	100	0	99.6	ug/L	100				80	121	
o-Xylene	50	0	50.2	ug/L	100				78	122	
Styrene	50	0	50.0	ug/L	100				78	123	
Bromoform	50	0	52.0	ug/L	104				66	130	
Isopropylbenzene	50	0	46.8	ug/L	94				72	131	
1,1,2,2-Tetrachloroethane	50	0	52.0	ug/L	104				71	121	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3128 **Analytical Method:** SW8260-Low

Client: AECOM Technical Services, In **Datafile :** VX047844.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	46.8	ug/L	94				80	119	
1,4-Dichlorobenzene	50	0	46.3	ug/L	93				79	118	
1,2-Dichlorobenzene	50	0	48.4	ug/L	97				80	119	
1,2-Dibromo-3-Chloropropane	50	0	49.9	ug/L	100				62	128	
1,2,4-Trichlorobenzene	50	0	45.2	ug/L	90				69	130	
1,2,3-Trichlorobenzene	50	0	47.3	ug/L	95				69	129	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3128 **Analytical Method:** SW8260-Low

Client: AECOM Technical Services, In **Datafile :** VX047845.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3128-03MSD		**Client Sample ID : BPOW6-1-20250916MSD**									
Dichlorodifluoromethane	50	0	51.3	ug/L	103		7		32	152	20
Chloromethane	50	0	50.3	ug/L	101		10		50	139	20
Vinyl chloride	50	0	51.5	ug/L	103		11		58	137	20
Bromomethane	50	0	48.2	ug/L	96		3		53	141	20
Chloroethane	50	0	50.3	ug/L	101		9		60	138	20
Trichlorofluoromethane	50	0	49.2	ug/L	98		8		65	141	20
1,1,2-Trichlorotrifluoroethane	50	0	47.7	ug/L	95		5		70	136	20
1,1-Dichloroethene	50	0	50.6	ug/L	101		8		71	131	20
Acetone	250	1.90	230	ug/L	91		4		39	160	20
Carbon disulfide	50	0	50.2	ug/L	100		9		64	133	20
Methyl tert-butyl Ether	50	0	52.3	ug/L	105		7		71	124	20
Methyl Acetate	50	0	47.4	ug/L	95		9		56	136	20
Methylene Chloride	50	0	51.9	ug/L	104		8		74	124	20
trans-1,2-Dichloroethene	50	0	51.5	ug/L	103		8		75	124	20
1,1-Dichloroethane	50	0	51.7	ug/L	103		8		77	125	20
Cyclohexane	50	0	45.8	ug/L	92		5		71	130	20
2-Butanone	250	0	280	ug/L	112		4		56	143	20
Carbon Tetrachloride	50	0	45.9	ug/L	92		8		72	136	20
cis-1,2-Dichloroethene	50	0	52.3	ug/L	105		7		78	123	20
Bromochloromethane	50	0	51.9	ug/L	104		7		78	123	20
Chloroform	50	0	52.8	ug/L	106		7		79	124	20
1,1,1-Trichloroethane	50	0	50.4	ug/L	101		7		74	131	20
Methylcyclohexane	50	0	42.0	ug/L	84		3		72	132	20
Benzene	50	0	50.3	ug/L	101		5		79	120	20
1,2-Dichloroethane	50	0	49.7	ug/L	99		5		73	128	20
Trichloroethene	50	0	50.4	ug/L	101		3		79	123	20
1,2-Dichloropropane	50	0	51.3	ug/L	103		5		78	122	20
Bromodichloromethane	50	0	51.1	ug/L	102		6		79	125	20
4-Methyl-2-Pentanone	250	0	280	ug/L	112		4		67	130	20
Toluene	50	0	50.5	ug/L	101		5		80	121	20
t-1,3-Dichloropropene	50	0	46.0	ug/L	92		2		73	127	20
cis-1,3-Dichloropropene	50	0	45.2	ug/L	90		2		75	124	20
1,1,2-Trichloroethane	50	0	54.1	ug/L	108		3		80	119	20
2-Hexanone	250	0	280	ug/L	112		0		57	139	20
Dibromochloromethane	50	0	53.7	ug/L	107		4		74	126	20
1,2-Dibromoethane	50	0	55.4	ug/L	111		2		77	121	20
Tetrachloroethene	50	0	45.5	ug/L	91		3		74	129	20
Chlorobenzene	50	0	48.5	ug/L	97		4		82	118	20
Ethyl Benzene	50	0	47.7	ug/L	95		3		79	121	20
m/p-Xylenes	100	0	97.2	ug/L	97		2		80	121	20
o-Xylene	50	0	49.0	ug/L	98		2		78	122	20
Styrene	50	0	48.5	ug/L	97		3		78	123	20
Bromoform	50	0	51.0	ug/L	102		2		66	130	20
Isopropylbenzene	50	0	45.6	ug/L	91		3		72	131	20
1,1,2,2-Tetrachloroethane	50	0	51.6	ug/L	103		1		71	121	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3128 **Analytical Method:** SW8260-Low

Client: AECOM Technical Services, I **Datafile :** VX047845.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	47.2	ug/L	94		1		80	119	20
1,4-Dichlorobenzene	50	0	46.1	ug/L	92		0		79	118	20
1,2-Dichlorobenzene	50	0	48.3	ug/L	97		0		80	119	20
1,2-Dibromo-3-Chloropropane	50	0	50.6	ug/L	101		1		62	128	20
1,2,4-Trichlorobenzene	50	0	46.3	ug/L	93		2		69	130	20
1,2,3-Trichlorobenzene	50	0	47.7	ug/L	95		1		69	129	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3128**	**Analytical Method:**	**SW8260-Low**
Client:	**AECOM Technical Services, Inc.**	**Datafile :**	VX047798.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0925WBS01	Dichlorodifluoromethane	20	22.1	ug/L	111			32	152	
	Chloromethane	20	20.6	ug/L	103			50	139	
	Vinyl chloride	20	20.6	ug/L	103			58	137	
	Bromomethane	20	20.8	ug/L	104			53	141	
	Chloroethane	20	20.2	ug/L	101			60	138	
	Trichlorofluoromethane	20	19.8	ug/L	99			65	141	
	1,1,2-Trichlorotrifluoroethane	20	20.3	ug/L	102			70	136	
	1,1-Dichloroethene	20	19.3	ug/L	97			71	131	
	Acetone	100	96.4	ug/L	96			39	160	
	Carbon disulfide	20	19.6	ug/L	98			64	133	
	Methyl tert-butyl Ether	20	20.0	ug/L	100			71	124	
	Methyl Acetate	20	22.6	ug/L	113			56	136	
	Methylene Chloride	20	20.6	ug/L	103			74	124	
	trans-1,2-Dichloroethene	20	20.2	ug/L	101			75	124	
	1,1-Dichloroethane	20	20.4	ug/L	102			77	125	
	Cyclohexane	20	19.2	ug/L	96			71	130	
	2-Butanone	100	110	ug/L	110			56	143	
	Carbon Tetrachloride	20	18.2	ug/L	91			72	136	
	cis-1,2-Dichloroethene	20	20.3	ug/L	102			78	123	
	Bromochloromethane	20	20.0	ug/L	100			78	123	
	Chloroform	20	20.7	ug/L	104			79	124	
	1,1,1-Trichloroethane	20	19.8	ug/L	99			74	131	
	Methylcyclohexane	20	17.8	ug/L	89			72	132	
	Benzene	20	19.9	ug/L	100			79	120	
	1,2-Dichloroethane	20	19.5	ug/L	98			73	128	
	Trichloroethene	20	19.7	ug/L	99			79	123	
	1,2-Dichloropropane	20	20.1	ug/L	101			78	122	
	Bromodichloromethane	20	19.5	ug/L	98			79	125	
	4-Methyl-2-Pentanone	100	110	ug/L	110			67	130	
	Toluene	20	20.0	ug/L	100			80	121	
	t-1,3-Dichloropropene	20	18.9	ug/L	95			73	127	
	cis-1,3-Dichloropropene	20	19.3	ug/L	97			75	124	
	1,1,2-Trichloroethane	20	21.0	ug/L	105			80	119	
	2-Hexanone	100	110	ug/L	110			57	139	
	Dibromochloromethane	20	20.5	ug/L	103			74	126	
	1,2-Dibromoethane	20	20.8	ug/L	104			77	121	
	Tetrachloroethene	20	18.7	ug/L	94			74	129	
	Chlorobenzene	20	19.0	ug/L	95			82	118	
	Ethyl Benzene	20	18.1	ug/L	91			79	121	
	m/p-Xylenes	40	37.6	ug/L	94			80	121	
	o-Xylene	20	18.5	ug/L	93			78	122	
	Styrene	20	18.9	ug/L	95			78	123	
	Bromoform	20	19.6	ug/L	98			66	130	
	Isopropylbenzene	20	16.8	ug/L	84			72	131	
	1,1,2,2-Tetrachloroethane	20	18.9	ug/L	95			71	121	
	1,3-Dichlorobenzene	20	17.5	ug/L	88			80	119	
	1,4-Dichlorobenzene	20	17.8	ug/L	89			79	118	
	1,2-Dichlorobenzene	20	17.8	ug/L	89			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3128**	**Analytical Method:**	**SW8260-Low**
Client:	**AECOM Technical Services, Inc.**	**Datafile :**	VX047798.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0925WBS01	1,2-Dibromo-3-Chloropropane	20	17.6	ug/L	88			62	128	
	1,2,4-Trichlorobenzene	20	16.2	ug/L	81			69	130	
	1,2,3-Trichlorobenzene	20	16.9	ug/L	85			69	129	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3128**	**Analytical Method:**	**SW8260-Low**
Client:	**AECOM Technical Services, Inc.**	**Datafile :**	VX047827.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0925WBS02	Dichlorodifluoromethane	20	21.6	ug/L	108			32	152	
	Chloromethane	20	20.8	ug/L	104			50	139	
	Vinyl chloride	20	20.6	ug/L	103			58	137	
	Bromomethane	20	20.2	ug/L	101			53	141	
	Chloroethane	20	20.6	ug/L	103			60	138	
	Trichlorofluoromethane	20	20.1	ug/L	101			65	141	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99			70	136	
	1,1-Dichloroethene	20	20.6	ug/L	103			71	131	
	Acetone	100	93.0	ug/L	93			39	160	
	Carbon disulfide	20	19.8	ug/L	99			64	133	
	Methyl tert-butyl Ether	20	20.9	ug/L	104			71	124	
	Methyl Acetate	20	24.7	ug/L	124			56	136	
	Methylene Chloride	20	21.6	ug/L	108			74	124	
	trans-1,2-Dichloroethene	20	20.8	ug/L	104			75	124	
	1,1-Dichloroethane	20	21.0	ug/L	105			77	125	
	Cyclohexane	20	19.3	ug/L	97			71	130	
	2-Butanone	100	110	ug/L	110			56	143	
	Carbon Tetrachloride	20	19.1	ug/L	96			72	136	
	cis-1,2-Dichloroethene	20	21.1	ug/L	106			78	123	
	Bromochloromethane	20	20.3	ug/L	102			78	123	
	Chloroform	20	21.6	ug/L	108			79	124	
	1,1,1-Trichloroethane	20	20.5	ug/L	103			74	131	
	Methylcyclohexane	20	17.7	ug/L	89			72	132	
	Benzene	20	20.5	ug/L	103			79	120	
	1,2-Dichloroethane	20	19.9	ug/L	100			73	128	
	Trichloroethene	20	20.1	ug/L	101			79	123	
	1,2-Dichloropropane	20	21.0	ug/L	105			78	122	
	Bromodichloromethane	20	20.6	ug/L	103			79	125	
	4-Methyl-2-Pentanone	100	120	ug/L	120			67	130	
	Toluene	20	20.3	ug/L	102			80	121	
	t-1,3-Dichloropropene	20	18.5	ug/L	93			73	127	
	cis-1,3-Dichloropropene	20	18.7	ug/L	94			75	124	
	1,1,2-Trichloroethane	20	21.6	ug/L	108			80	119	
	2-Hexanone	100	110	ug/L	110			57	139	
	Dibromochloromethane	20	21.5	ug/L	108			74	126	
	1,2-Dibromoethane	20	22.5	ug/L	113			77	121	
	Tetrachloroethene	20	20.2	ug/L	101			74	129	
	Chlorobenzene	20	19.8	ug/L	99			82	118	
	Ethyl Benzene	20	19.0	ug/L	95			79	121	
	m/p-Xylenes	40	39.4	ug/L	99			80	121	
	o-Xylene	20	19.5	ug/L	98			78	122	
	Styrene	20	19.7	ug/L	99			78	123	
	Bromoform	20	20.8	ug/L	104			66	130	
	Isopropylbenzene	20	18.5	ug/L	93			72	131	
	1,1,2,2-Tetrachloroethane	20	21.2	ug/L	106			71	121	
	1,3-Dichlorobenzene	20	19.5	ug/L	98			80	119	
	1,4-Dichlorobenzene	20	19.0	ug/L	95			79	118	
	1,2-Dichlorobenzene	20	19.7	ug/L	99			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3128**	**Analytical Method:**	**SW8260-Low**
Client:	**AECOM Technical Services, Inc.**	**Datafile :**	VX047827.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0925WBS02	1,2-Dibromo-3-Chloropropane	20	19.5	ug/L	98			62	128	
	1,2,4-Trichlorobenzene	20	18.1	ug/L	91			69	130	
	1,2,3-Trichlorobenzene	20	19.0	ug/L	95			69	129	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0925WBL01

Lab Name: Alliance Contract: AECO15

Lab Code: ACE SDG NO.: Q3128

Lab File ID: VX047797.D Lab Sample ID: VX0925WBL01

Date Analyzed: 09/25/2025 Time Analyzed: 09:46

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
VX0925WBS01	VX0925WBS01	VX047798.D	09/25/2025
BPOW6-2-20250916	Q3128-07	VX047810.D	09/25/2025
BPOW6-10-20250916	Q3128-08	VX047811.D	09/25/2025
BPOW6-11-20250916	Q3128-09	VX047812.D	09/25/2025
BPOW6-8-20250916	Q3128-10	VX047813.D	09/25/2025
BPOW6-7-20250917	Q3128-11	VX047814.D	09/25/2025
BPOW6-6-20250917	Q3128-12	VX047815.D	09/25/2025
BPOW6-5-20250917	Q3128-13	VX047816.D	09/25/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0925WBL02

Lab Name: Alliance Contract: AECO15

Lab Code: ACE SDG NO.: Q3128

Lab File ID: VX047826.D Lab Sample ID: VX0925WBL02

Date Analyzed: 09/26/2025 Time Analyzed: 02:10

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
VX0925WBS02	VX0925WBS02	VX047827.D	09/26/2025
BPOW6-4-20250916	Q3128-04	VX047839.D	09/26/2025
BPOW6-9-20250916	Q3128-05	VX047840.D	09/26/2025
BPOW6-3-20250916	Q3128-06	VX047841.D	09/26/2025
TB07-20250912	Q3128-14	VX047842.D	09/26/2025
BPOW6-1-20250916	Q3128-01	VX047843.D	09/26/2025
BPOW6-1-20250916MS	Q3128-02MS	VX047844.D	09/26/2025
BPOW6-1-20250916MSD	Q3128-03MSD	VX047845.D	09/26/2025

COMMENTS:

Raw Data: **VX047584.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: AECO15

Lab Code: ACE | SDG NO.: Q3128

Lab File ID: VX047584.D | BFB Injection Date: 09/16/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:56

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	20
75	30.0 - 60.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	66.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX047585.D	09/16/2025	09:23
VSTDICC005	VSTDICC005	VX047586.D	09/16/2025	10:16
VSTDICC020	VSTDICC020	VX047587.D	09/16/2025	10:37
VSTDICCC050	VSTDICCC050	VX047588.D	09/16/2025	10:58
VSTDICC100	VSTDICC100	VX047589.D	09/16/2025	11:40
VSTDICC150	VSTDICC150	VX047590.D	09/16/2025	12:01

Raw Data: **VX047794.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: AECO15

Lab Code: ACE | SDG NO.: Q3128

Lab File ID: VX047794.D | BFB Injection Date: 09/25/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:24

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	20.1
75	30.0 - 60.0% of mass 95	52
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	69.9
175	5.0 - 9.0% of mass 174	5.4 (7.8) 1
176	95.0 - 101.0% of mass 174	67 (95.7) 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:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047795.D	09/25/2025	08:56
VX0925WBL01	VX0925WBL01	VX047797.D	09/25/2025	09:46
VX0925WBS01	VX0925WBS01	VX047798.D	09/25/2025	10:13
BPOW6-2-20250916	Q3128-07	VX047810.D	09/25/2025	14:35
BPOW6-10-20250916	Q3128-08	VX047811.D	09/25/2025	14:56
BPOW6-11-20250916	Q3128-09	VX047812.D	09/25/2025	15:17
BPOW6-8-20250916	Q3128-10	VX047813.D	09/25/2025	15:38
BPOW6-7-20250917	Q3128-11	VX047814.D	09/25/2025	15:59
BPOW6-6-20250917	Q3128-12	VX047815.D	09/25/2025	16:21
BPOW6-5-20250917	Q3128-13	VX047816.D	09/25/2025	16:42
VSTDCCC050EC	VSTDCCC050	VX047823.D	09/25/2025	19:09

Raw Data: **VX047824.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: AECO15
Lab Code: ACE
SDG NO.: Q3128
Lab File ID: VX047824.D
BFB Injection Date: 09/26/2025
Instrument ID: MSVOA_X
BFB Injection Time: 00:46
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.8
75	30.0 - 60.0% of mass 95	51.3
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	0.4 (0.5) 1
174	50.0 - 100.0% of mass 95	76.6
175	5.0 - 9.0% of mass 174	5.9 (7.7) 1
176	95.0 - 101.0% of mass 174	73.5 (95.9) 1
177	5.0 - 9.0% of mass 176	4.9 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047825.D	09/26/2025	01:28
VX0925WBL02	VX0925WBL02	VX047826.D	09/26/2025	02:10
VX0925WBS02	VX0925WBS02	VX047827.D	09/26/2025	02:31
BPOW6-4-20250916	Q3128-04	VX047839.D	09/26/2025	07:01
BPOW6-9-20250916	Q3128-05	VX047840.D	09/26/2025	07:22
BPOW6-3-20250916	Q3128-06	VX047841.D	09/26/2025	07:43
TB07-20250912	Q3128-14	VX047842.D	09/26/2025	08:04
BPOW6-1-20250916	Q3128-01	VX047843.D	09/26/2025	08:25
BPOW6-1-20250916MS	Q3128-02MS	VX047844.D	09/26/2025	08:46
BPOW6-1-20250916MSD	Q3128-03MSD	VX047845.D	09/26/2025	09:07
VSTDCCC050EC	VSTDCCC050	VX047846.D	09/26/2025	09:28

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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO15

Lab Code: ACE SDG NO.: Q3128

Lab File ID: VX047795.D Date Analyzed: 09/25/2025

Instrument ID: MSVOA_X Time Analyzed: 08:56

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	136107	5.53	245940	6.75	220262	10.04
UPPER LIMIT	272214	6.032	491880	7.245	440524	10.537
LOWER LIMIT	68053.5	5.032	122970	6.245	110131	9.537
EPA SAMPLE NO.						
BPOW6-2-20250916	119164	5.54	254523	6.75	260449	10.04
BPOW6-10-20250916	124352	5.54	260863	6.75	264166	10.04
BPOW6-11-20250916	116305	5.54	248243	6.75	257163	10.04
BPOW6-8-20250916	119014	5.54	249986	6.75	257664	10.04
BPOW6-7-20250917	119857	5.54	249353	6.75	255198	10.04
BPOW6-6-20250917	127711	5.54	269892	6.75	279053	10.04
BPOW6-5-20250917	121834	5.54	260923	6.75	263550	10.04
VX0925WBL01	117291	5.54	245721	6.75	251657	10.04
VX0925WBS01	146604	5.54	268605	6.75	252515	10.04

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO15

Lab Code: ACE SDG NO.: Q3128

Lab File ID: VX047795.D Date Analyzed: 09/25/2025

Instrument ID: MSVOA_X Time Analyzed: 08:56

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

	IS4 AREA #	RT #				
12 HOUR STD	107538	12.006				
UPPER LIMIT	215076	12.506				
LOWER LIMIT	53769	11.506				
EPA SAMPLE NO.						
BPOW6-2-20250916	130810	12.01				
BPOW6-10-20250916	132252	12.01				
BPOW6-11-20250916	128330	12.01				
BPOW6-8-20250916	128316	12.01				
BPOW6-7-20250917	128055	12.01				
BPOW6-6-20250917	143881	12.01				
BPOW6-5-20250917	131658	12.01				
VX0925WBL01	126490	12.01				
VX0925WBS01	131521	12.01				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO15

Lab Code: ACE SDG NO.: Q3128

Lab File ID: VX047825.D Date Analyzed: 09/26/2025

Instrument ID: MSVOA_X Time Analyzed: 01:28

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	136987	5.54	247384	6.75	222999	10.04
UPPER LIMIT	273974	6.038	494768	7.245	445998	10.537
LOWER LIMIT	68493.5	5.038	123692	6.245	111500	9.537
EPA SAMPLE NO.						
BPOW6-1-20250916	118010	5.54	250283	6.75	255095	10.04
BPOW6-1-20250916MS	132069	5.54	246705	6.75	231070	10.04
BPOW6-1-20250916MSD	130228	5.54	242264	6.75	226841	10.04
BPOW6-4-20250916	120108	5.54	253048	6.75	258299	10.04
BPOW6-9-20250916	118685	5.54	250694	6.75	261456	10.04
BPOW6-3-20250916	132775	5.54	283230	6.75	293419	10.04
TB07-20250912	132283	5.54	276404	6.75	283292	10.04
VX0925WBL02	121983	5.54	259174	6.75	269510	10.04
VX0925WBS02	143765	5.54	265116	6.75	243871	10.04

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO15

Lab Code: ACE SDG NO.: Q3128

Lab File ID: VX047825.D Date Analyzed: 09/26/2025

Instrument ID: MSVOA_X Time Analyzed: 01:28

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

	IS4 AREA #	RT #				
12 HOUR STD	110381	12.006				
UPPER LIMIT	220762	12.506				
LOWER LIMIT	55190.5	11.506				
EPA SAMPLE NO.						
BPOW6-1-20250916	127833	12.01				
BPOW6-1-20250916MS	116018	12.01				
BPOW6-1-20250916MSD	112665	12.01				
BPOW6-4-20250916	127208	12.01				
BPOW6-9-20250916	133160	12.01				
BPOW6-3-20250916	148155	12.01				
TB07-20250912	140911	12.01				
VX0925WBL02	138899	12.01				
VX0925WBS02	122300	12.01				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Raw Data: **VX047843.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-1-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047843.D	1	09/26/25 08:25	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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	1.90	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

Raw Data: **VX047843.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-1-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047843.D	1	09/26/25 08:25	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.3		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	48.6		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.7		85 - 114		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	118000	5.543				
540-36-3	1,4-Difluorobenzene	250000	6.751				
3114-55-4	Chlorobenzene-d5	255000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	128000	12.006				

Raw Data: **VX047843.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-1-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047843.D	1	09/26/25 08:25	VX092525

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\VX092525\
Data File : VX047843.D
Acq On : 26 Sep 2025 08:25
Operator : JC/MD
Sample : Q3128-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

Quant Time: Sep 26 22:50:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

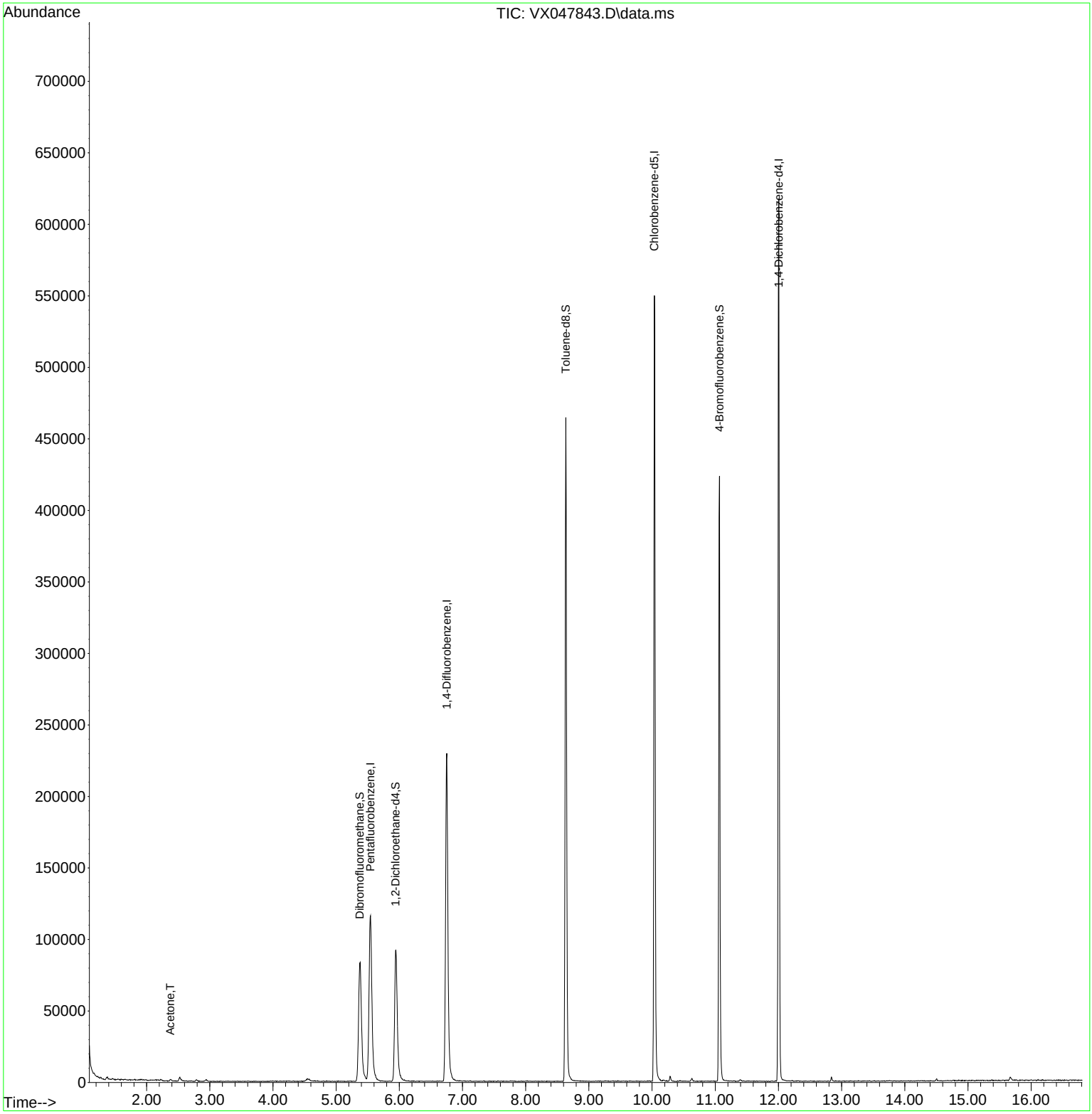
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	118010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	250283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	255095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	101921	54.259	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.520%			
35) Dibromofluoromethane	5.373	113	82472	49.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.260%			
50) Toluene-d8	8.634	98	282343	48.612	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.220%			
62) 4-Bromofluorobenzene	11.067	95	120520	54.676	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.360%			
Target Compounds						Qvalue
16) Acetone	2.373	43	1577	1.931	ug/l	94

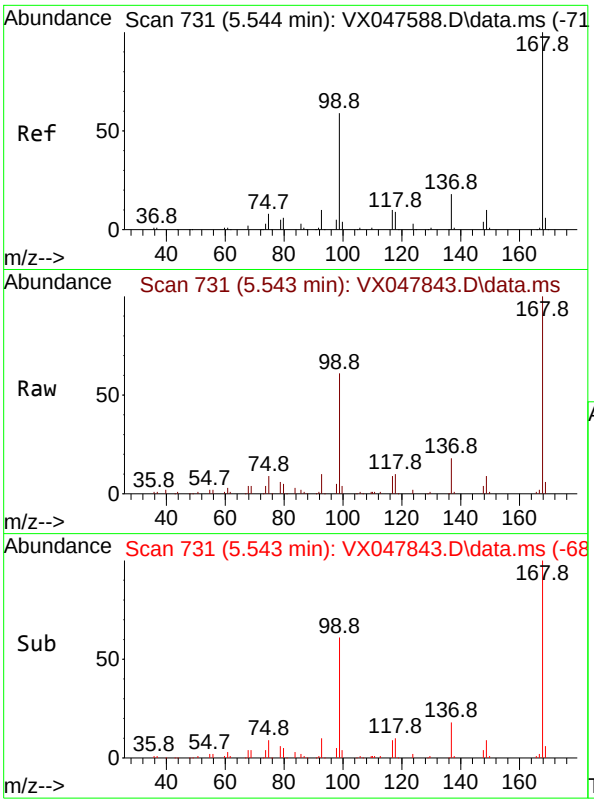
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047843.D
Acq On : 26 Sep 2025 08:25
Operator : JC/MD
Sample : Q3128-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

Quant Time: Sep 26 22:50:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



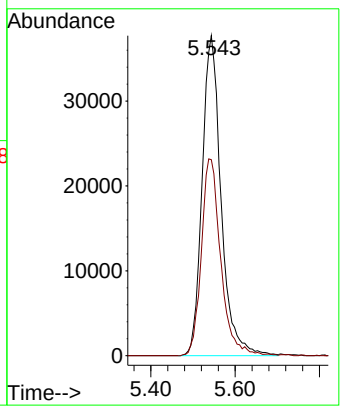


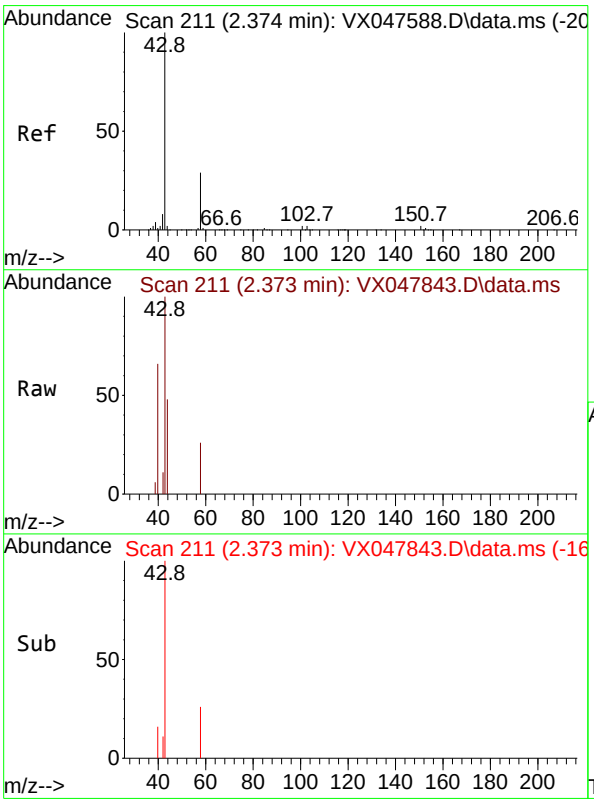
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

Tgt Ion:168 Resp: 118010

Ion	Ratio	Lower	Upper
168	100		
99	61.2	48.8	73.2

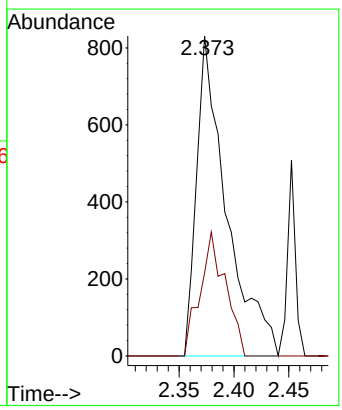


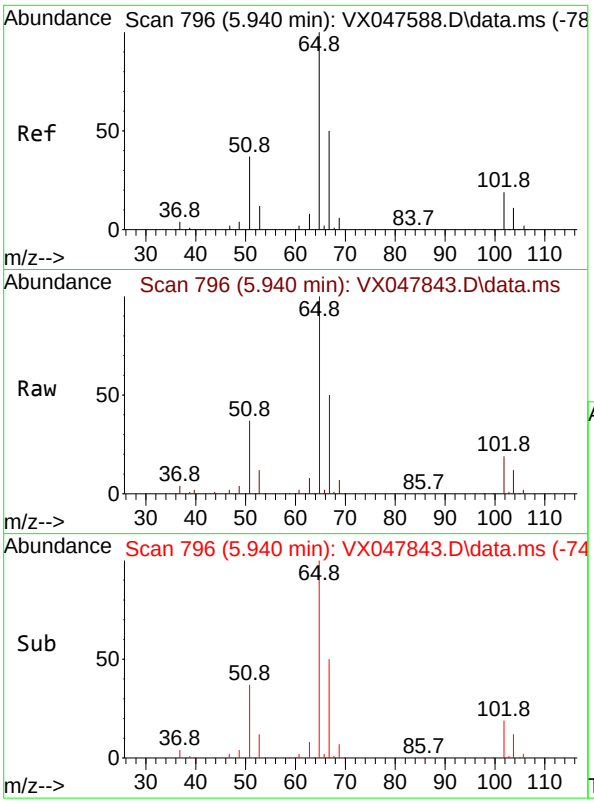


#16
Acetone
Concen: 1.931 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Tgt Ion: 43 Resp: 1577

Ion	Ratio	Lower	Upper
43	100		
58	26.0	23.4	35.0



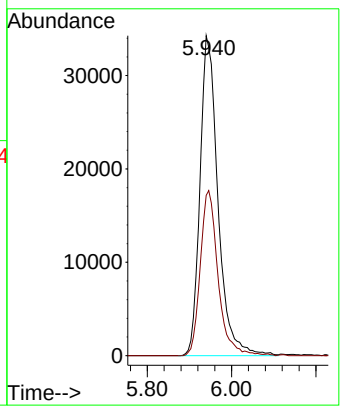


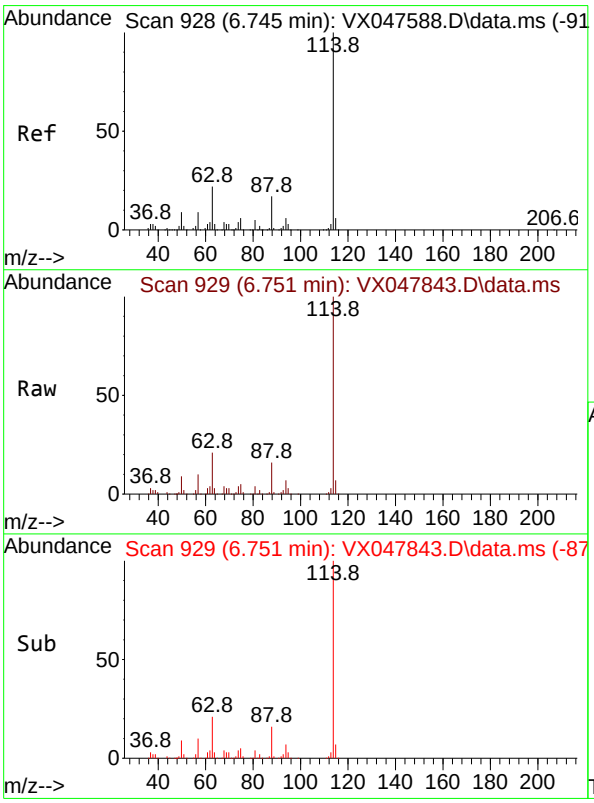
#33
1,2-Dichloroethane-d4
Concen: 54.259 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

Tgt Ion: 65 Resp: 101921

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.0

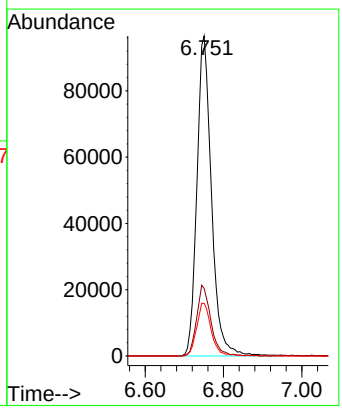


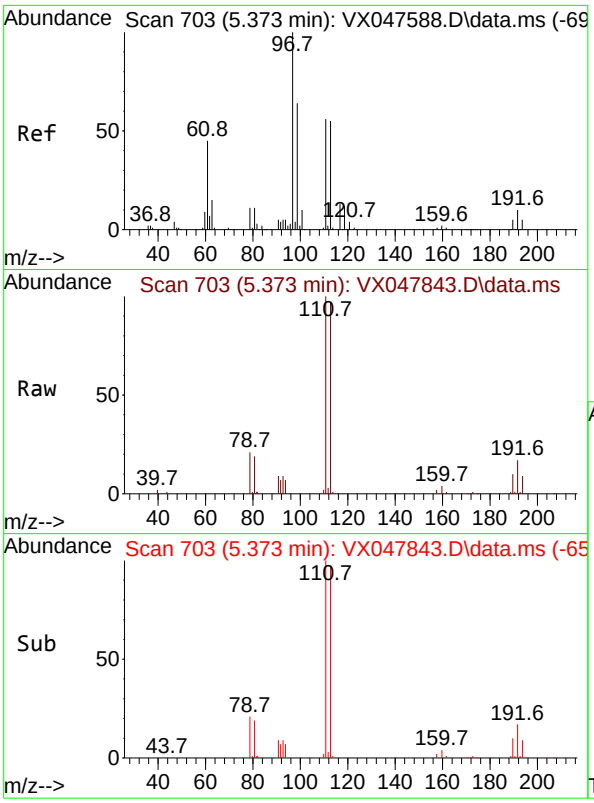


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Tgt Ion:114 Resp: 250283

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	44.0
88	16.5	0.0	34.2



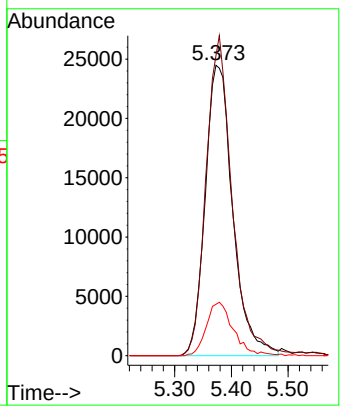


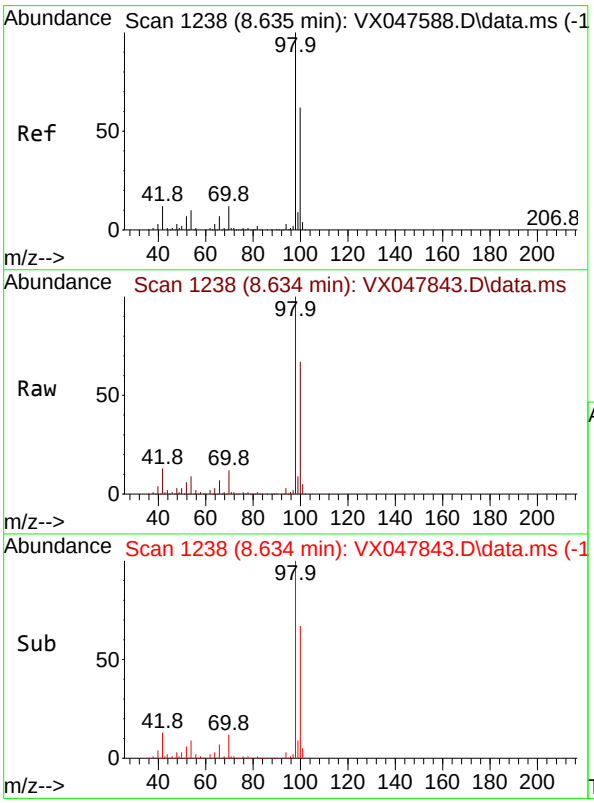
#35
Dibromofluoromethane
Concen: 49.133 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

Tgt Ion:113 Resp: 82472

Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.9	121.3
192	18.0	14.2	21.4

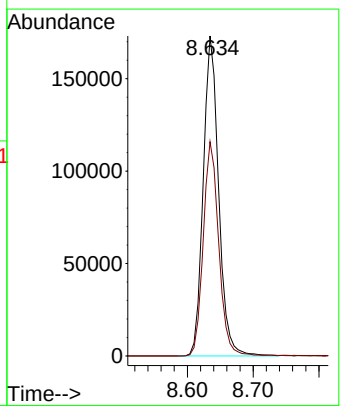


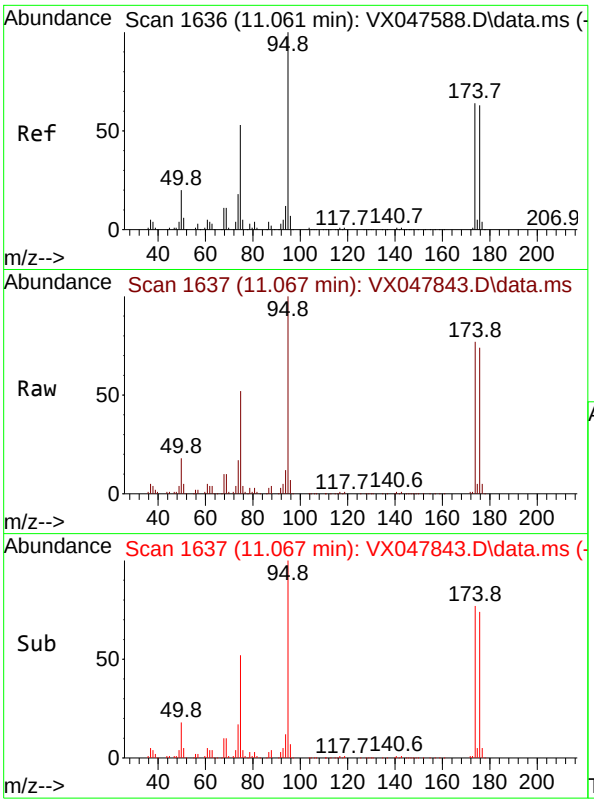


#50
Toluene-d8
Concen: 48.612 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Tgt Ion: 98 Resp: 282343

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.0	79.4



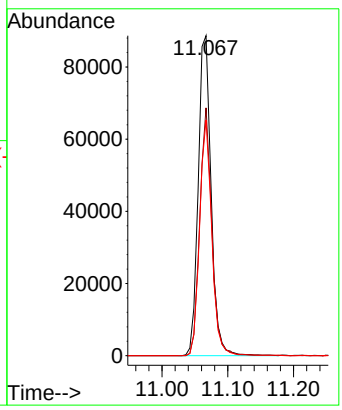


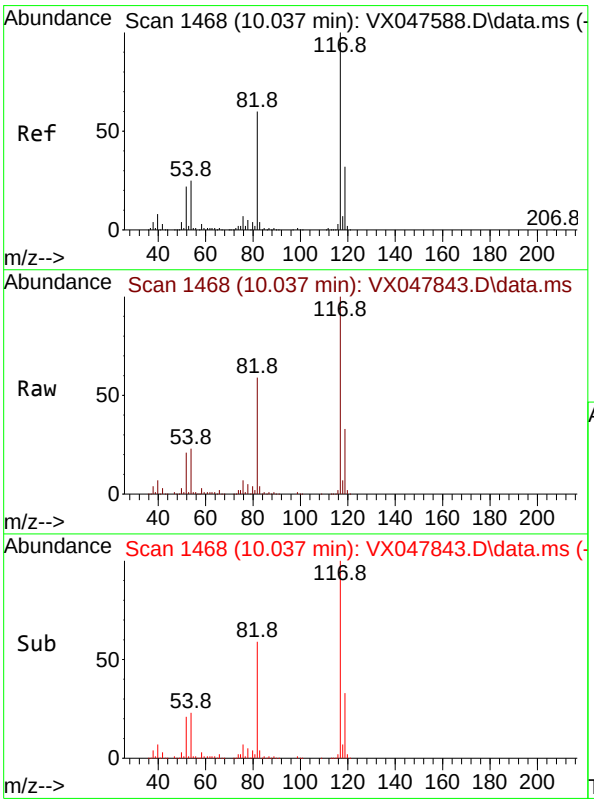
#62
4-Bromofluorobenzene
Concen: 54.676 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

Tgt Ion: 95 Resp: 120520

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	141.6
176	69.8	0.0	138.4

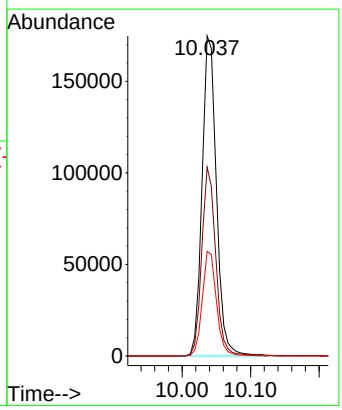


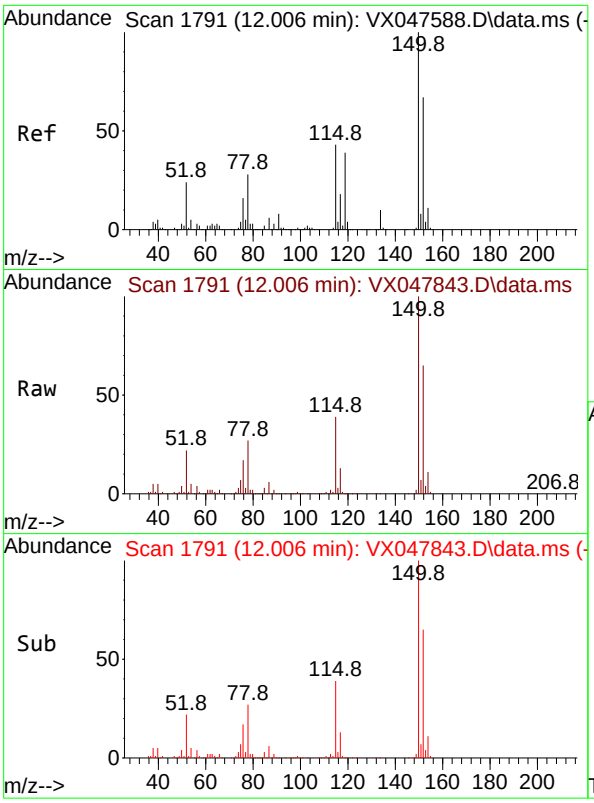


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Tgt Ion:117 Resp: 255095

Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.8	71.6
119	32.7	25.2	37.8



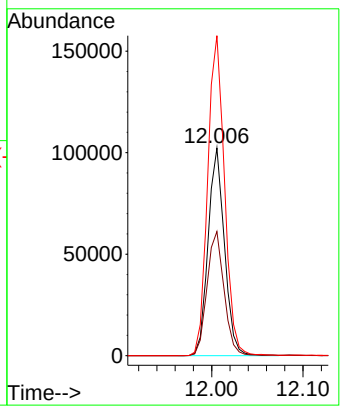


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047843.D
Acq: 26 Sep 2025 08:25

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916

Tgt Ion:152 Resp: 127833

Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.9	134.5
150	158.2	0.0	352.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-4-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-04	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:	Date Analyzed	Prep Batch ID
VX047839.D	1	09/26/25 07:01	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

Raw Data: **VX047839.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-4-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-04	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:	Date Analyzed	Prep Batch ID
VX047839.D	1	09/26/25 07:01	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.9		81 - 118		102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	48.0		89 - 112		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.0		85 - 114		106%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	120000	5.544				
540-36-3	1,4-Difluorobenzene	253000	6.751				
3114-55-4	Chlorobenzene-d5	258000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	127000	12.006				

Raw Data: **VX047839.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-4-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-04	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:	Date Analyzed	Prep Batch ID
VX047839.D	1	09/26/25 07:01	VX092525

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\VX092525\
Data File : VX047839.D
Acq On : 26 Sep 2025 07:01
Operator : JC/MD
Sample : Q3128-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916

Quant Time: Sep 26 08:29:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	120108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	253048	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97234	50.859	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.720%			
35) Dibromofluoromethane	5.373	113	82380	48.542	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.080%			
50) Toluene-d8	8.635	98	281888	48.004	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.000%			
62) 4-Bromofluorobenzene	11.067	95	118065	52.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.960%			

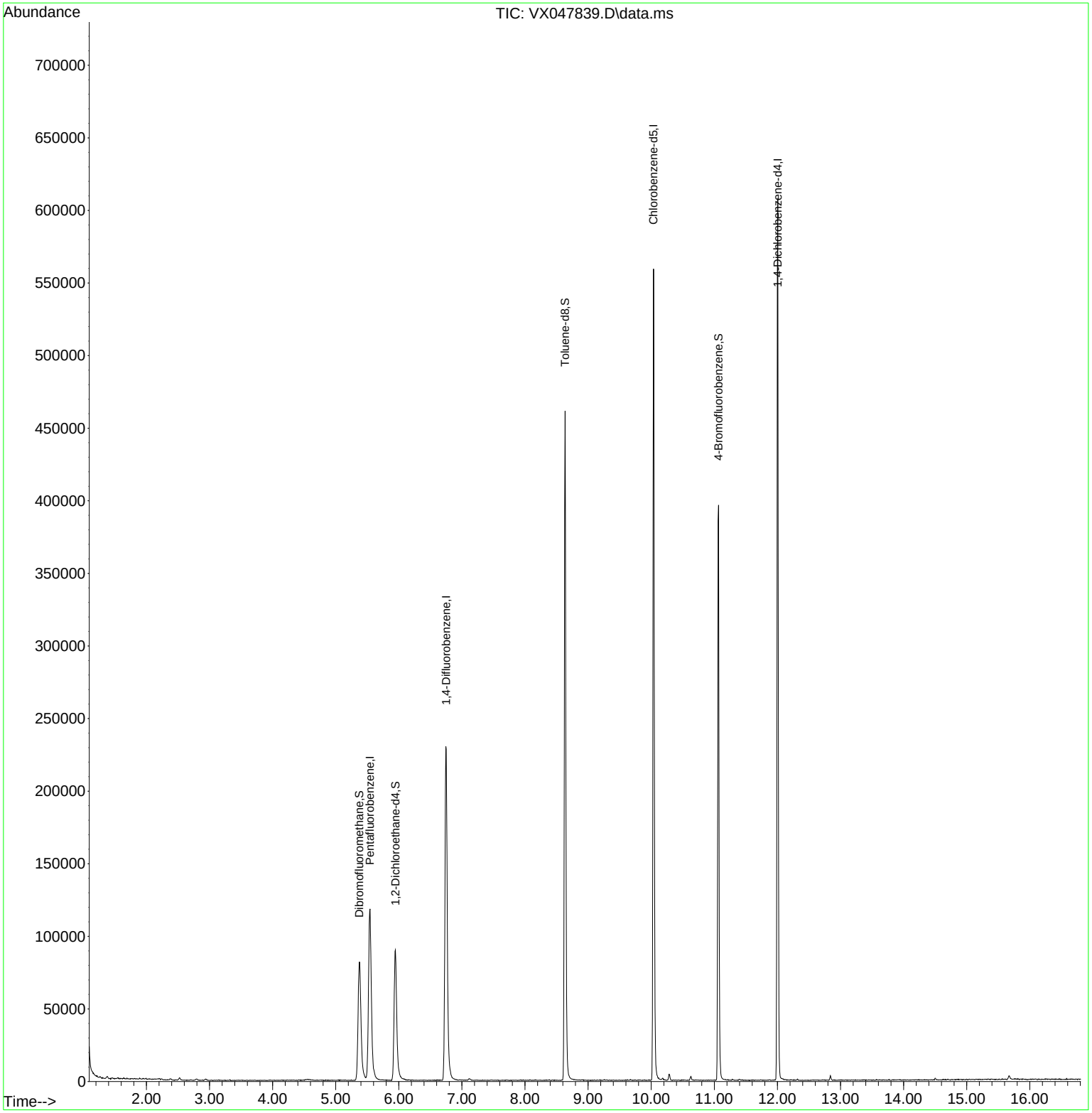
Target Compounds Qvalue

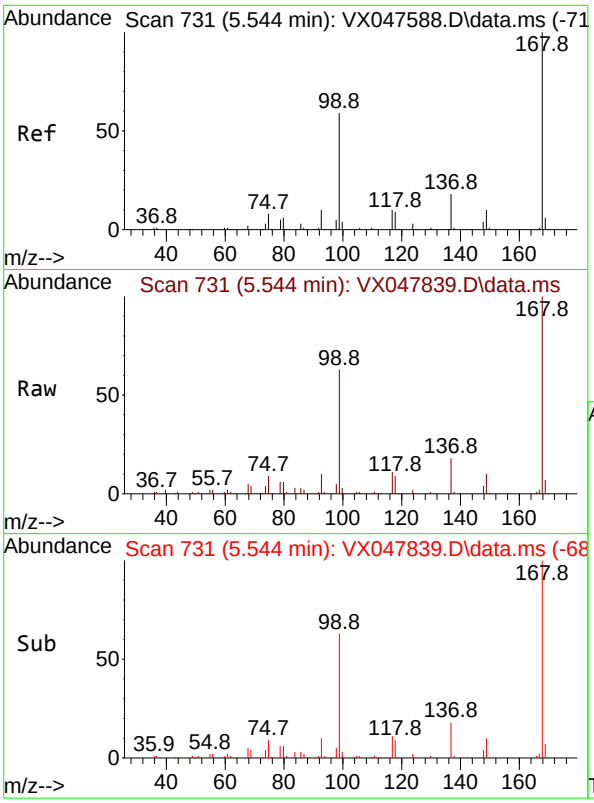
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047839.D
Acq On : 26 Sep 2025 07:01
Operator : JC/MD
Sample : Q3128-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916

Quant Time: Sep 26 08:29:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



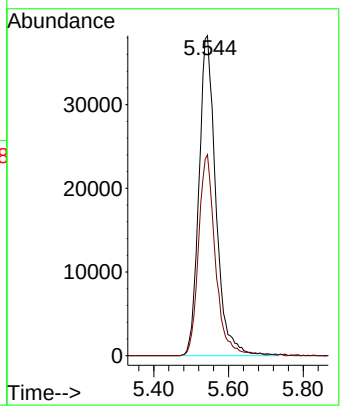


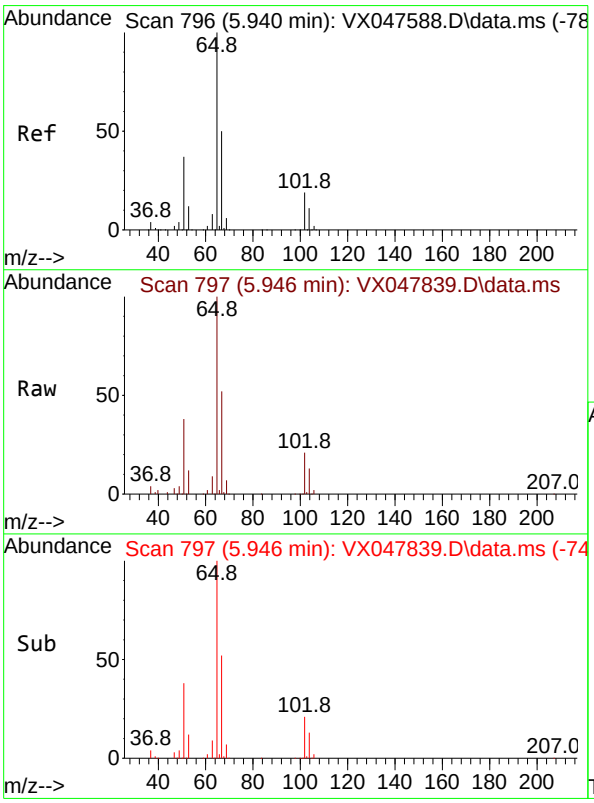
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916

Tgt Ion:168 Resp: 120108

Ion	Ratio	Lower	Upper
168	100		
99	62.8	48.8	73.2

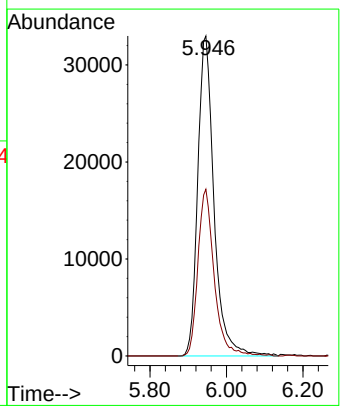


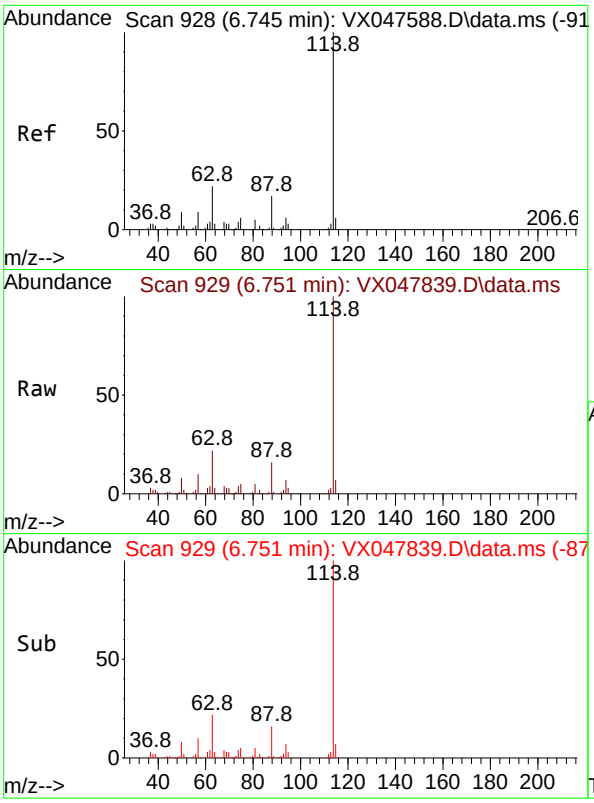


#33
1,2-Dichloroethane-d4
Concen: 50.859 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Tgt Ion: 65 Resp: 97234

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0



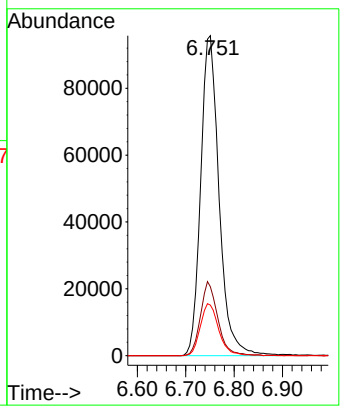


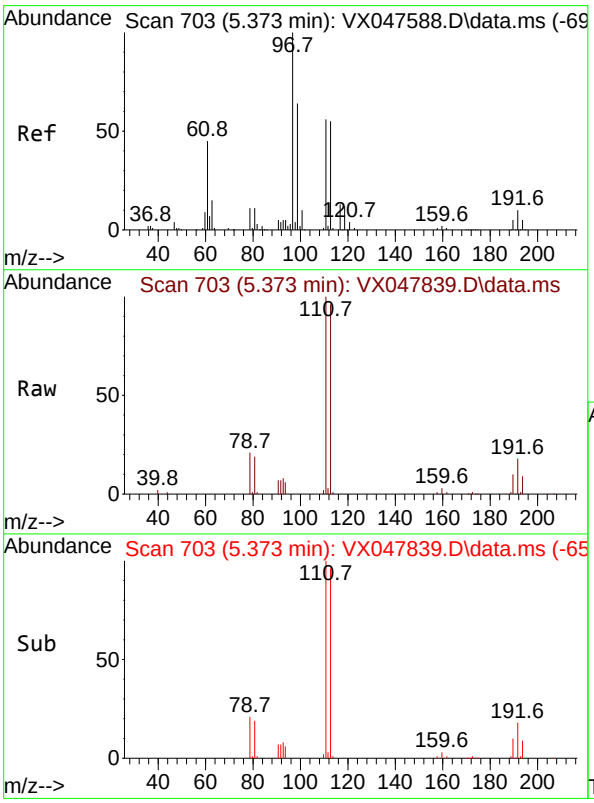
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916

Tgt Ion:114 Resp: 253048

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	15.8	0.0	34.2

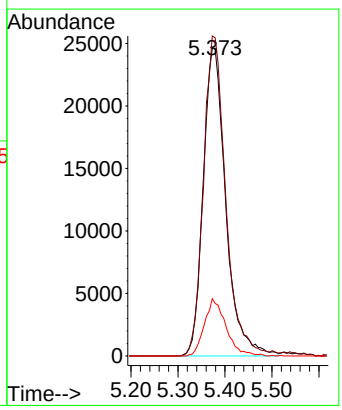


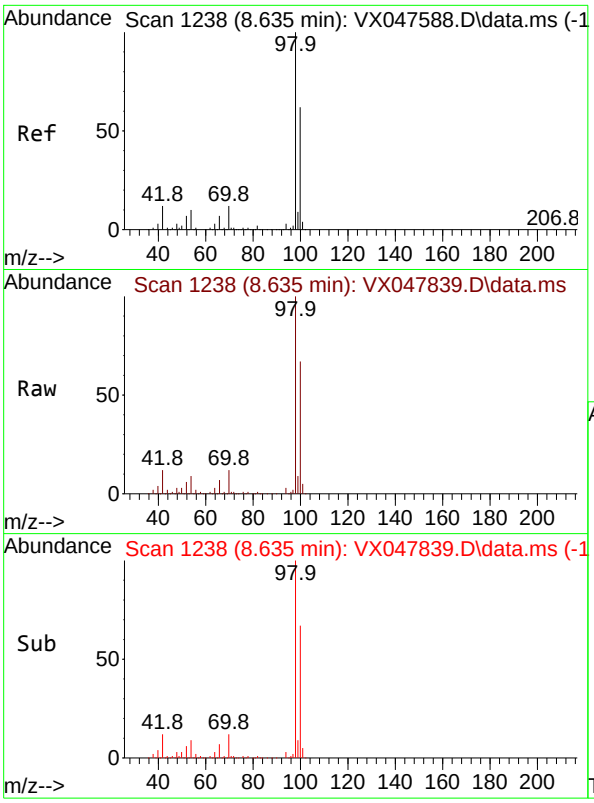


#35
Dibromofluoromethane
Concen: 48.542 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Tgt Ion:113 Resp: 82380

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.9	121.3
192	17.7	14.2	21.4



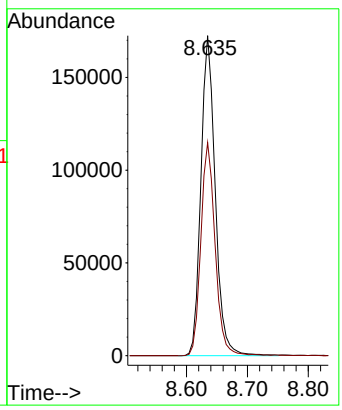


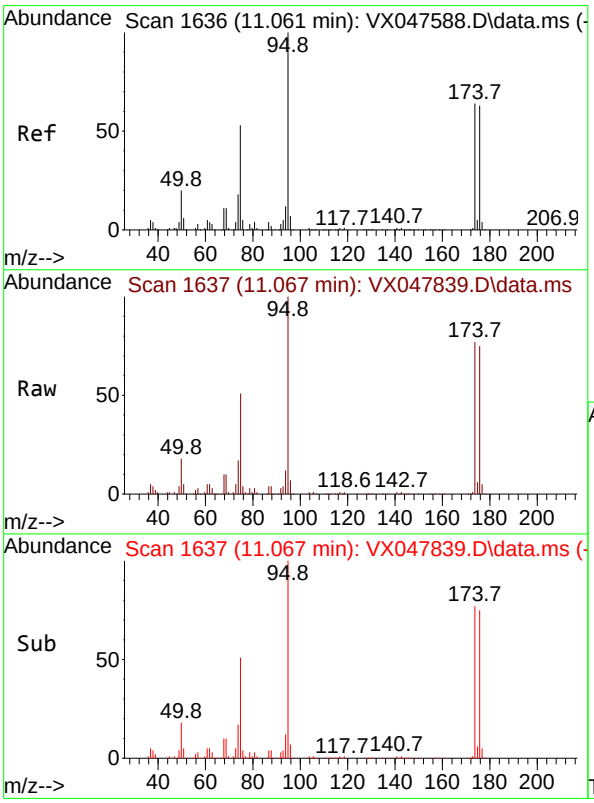
#50
Toluene-d8
Concen: 48.004 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916

Tgt Ion: 98 Resp: 281888

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

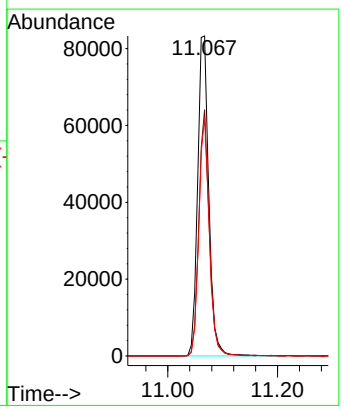


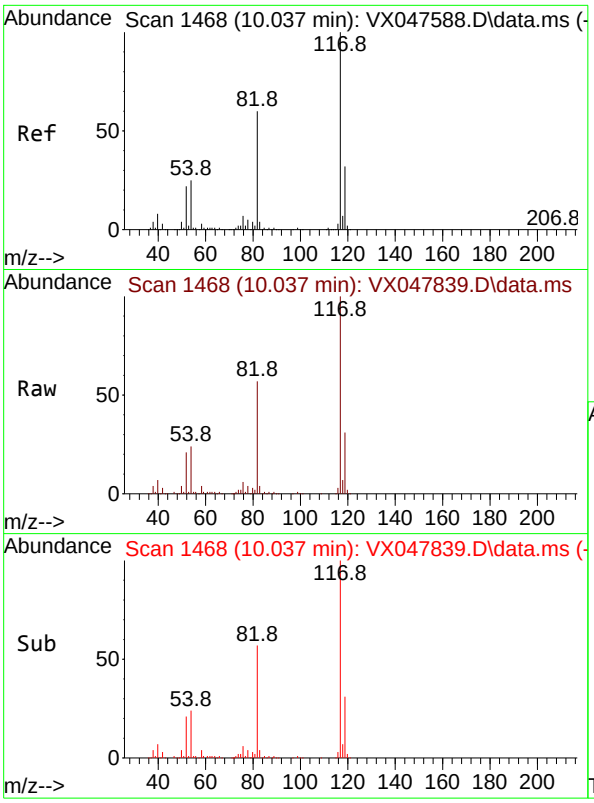


#62
4-Bromofluorobenzene
Concen: 52.977 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Tgt Ion: 95 Resp: 118065

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	141.6
176	69.7	0.0	138.4



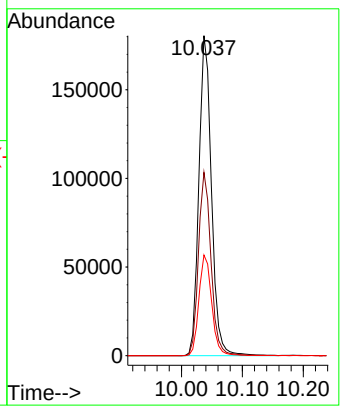


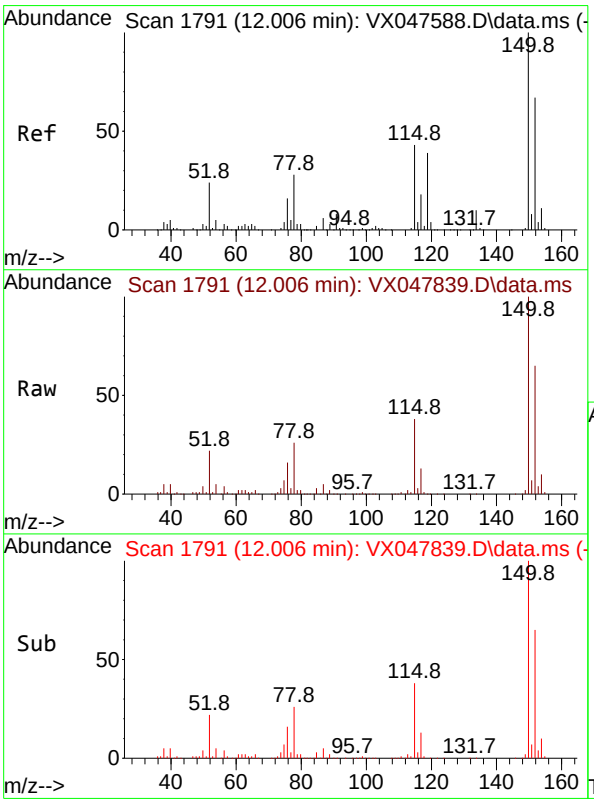
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250916

Tgt Ion:117 Resp: 258299

Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.8	71.6
119	31.5	25.2	37.8

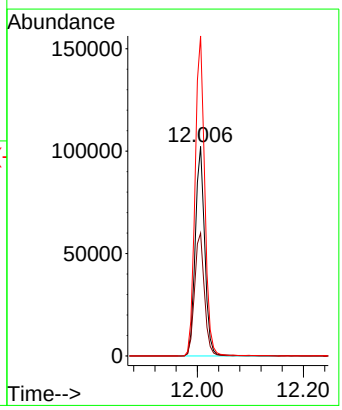




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047839.D
Acq: 26 Sep 2025 07:01

Tgt Ion:152 Resp: 127208

Ion	Ratio	Lower	Upper
152	100		
115	60.6	44.9	134.5
150	154.8	0.0	352.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-9-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047840.D	1	09/26/25 07:22	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	2.00	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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	0.29	J	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

Raw Data: **VX047840.D**

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-9-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047840.D	1	09/26/25 07:22	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.5		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		80 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	49.4		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.3		85 - 114		111%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	119000	5.538				
540-36-3	1,4-Difluorobenzene	251000	6.751				
3114-55-4	Chlorobenzene-d5	261000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	133000	12.006				

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-9-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047840.D	1	09/26/25 07:22	VX092525

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\VX092525\
Data File : VX047840.D
Acq On : 26 Sep 2025 07:22
Operator : JC/MD
Sample : Q3128-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250916

Quant Time: Sep 26 08:29:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

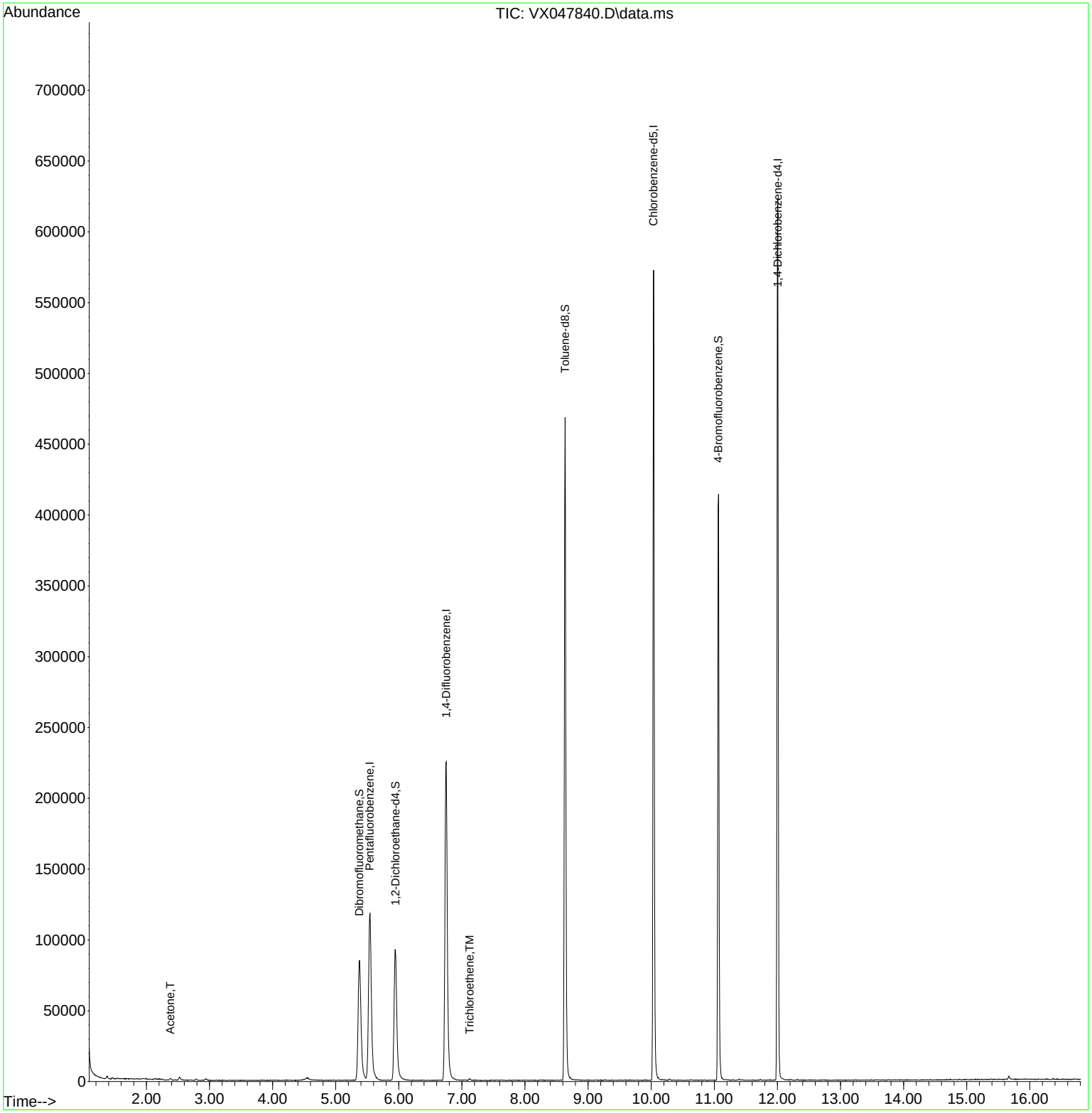
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	118685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	250694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	261456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	133160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102946	54.493	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.980%			
35) Dibromofluoromethane	5.373	113	84425	50.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	8.635	98	287625	49.440	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.880%			
62) 4-Bromofluorobenzene	11.061	95	122039	55.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.540%			
Target Compounds						Qvalue
16) Acetone	2.380	43	1615	1.966	ug/l #	87
44) Trichloroethene	7.123	130	530	0.294	ug/l	60

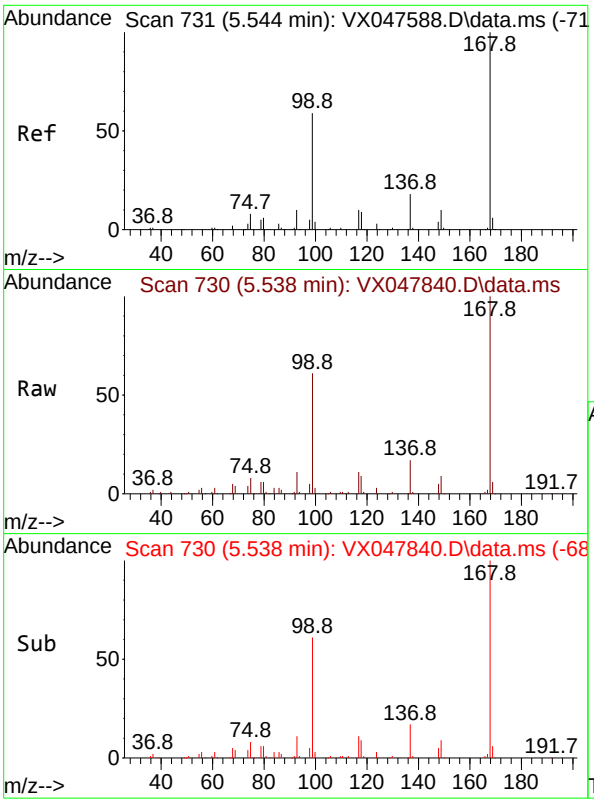
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047840.D
Acq On : 26 Sep 2025 07:22
Operator : JC/MD
Sample : Q3128-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250916

Quant Time: Sep 26 08:29:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



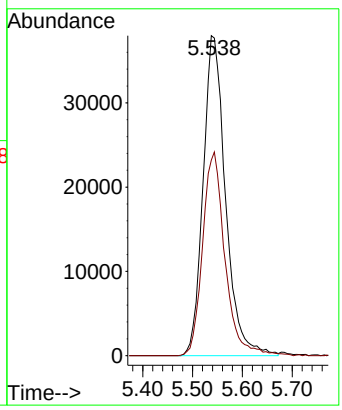


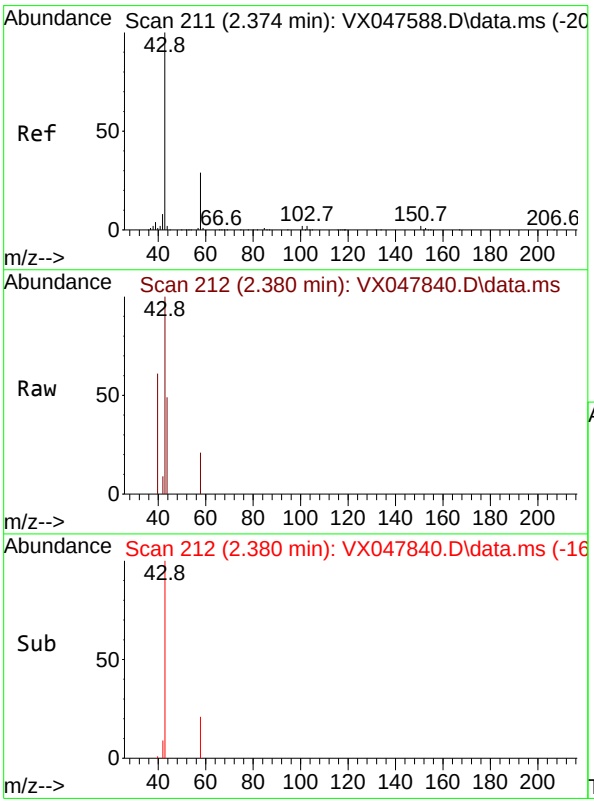
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250916

Tgt Ion:168 Resp: 118685

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.8	73.2

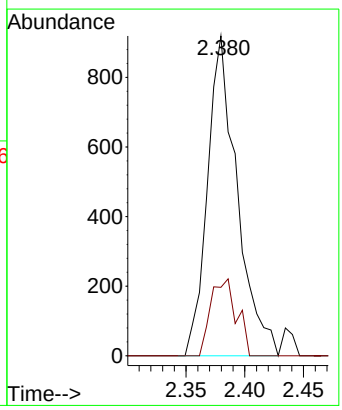


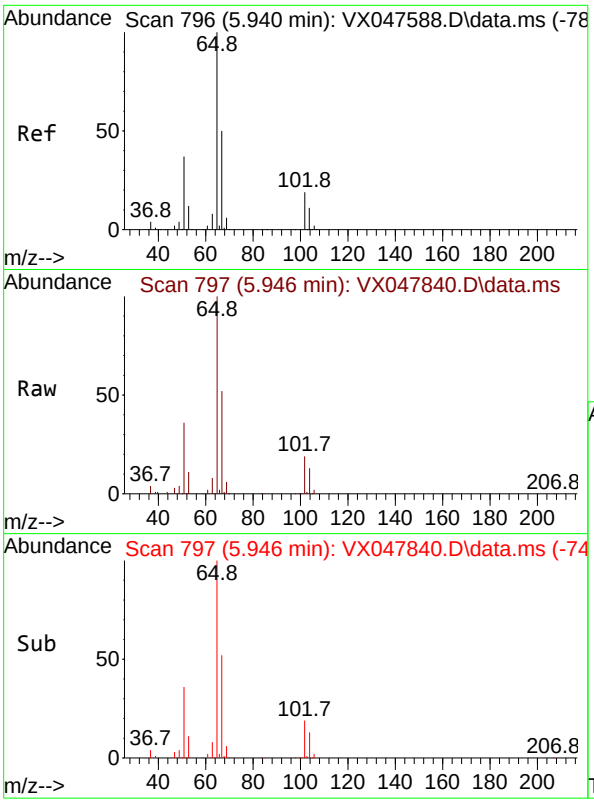


#16
Acetone
Concen: 1.966 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Tgt Ion: 43 Resp: 1615

Ion	Ratio	Lower	Upper
43	100		
58	22.2	23.4	35.0#



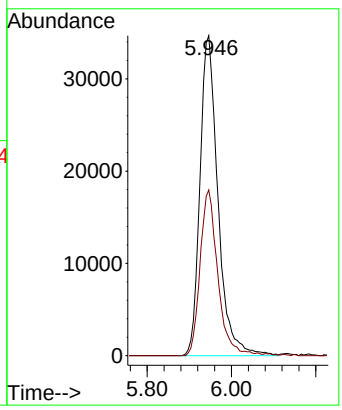


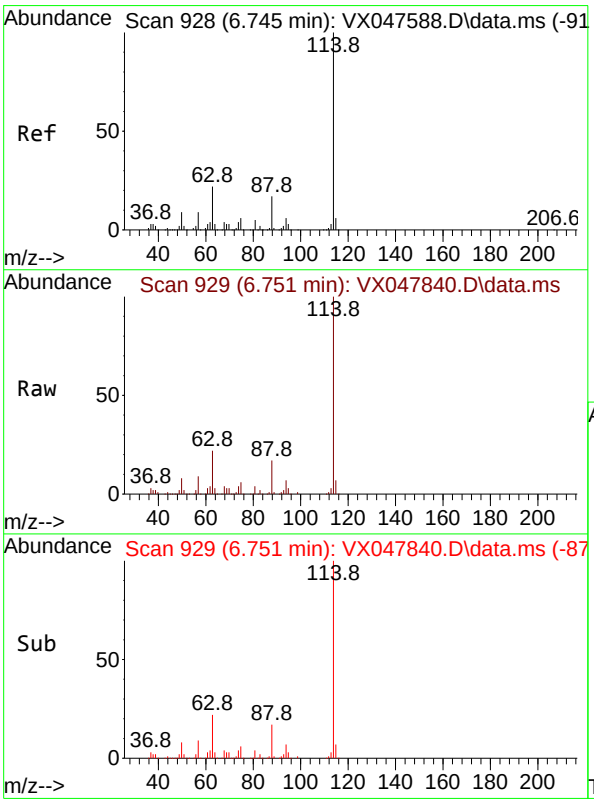
#33
1,2-Dichloroethane-d4
Concen: 54.493 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250916

Tgt Ion: 65 Resp: 102946

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.0

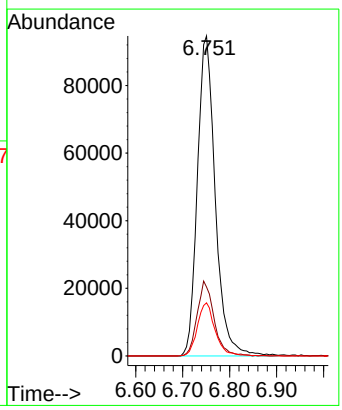


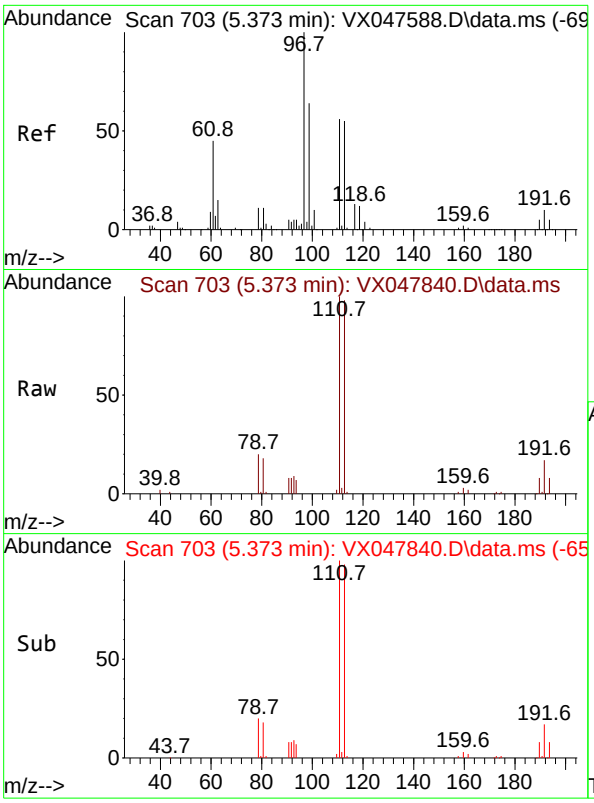


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Tgt Ion:114 Resp: 250694

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	16.6	0.0	34.2



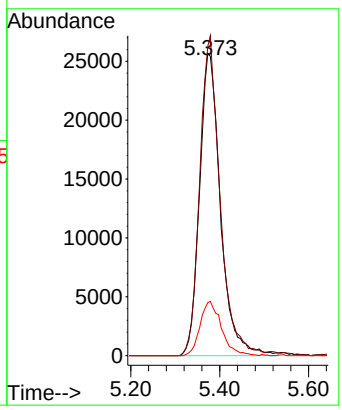


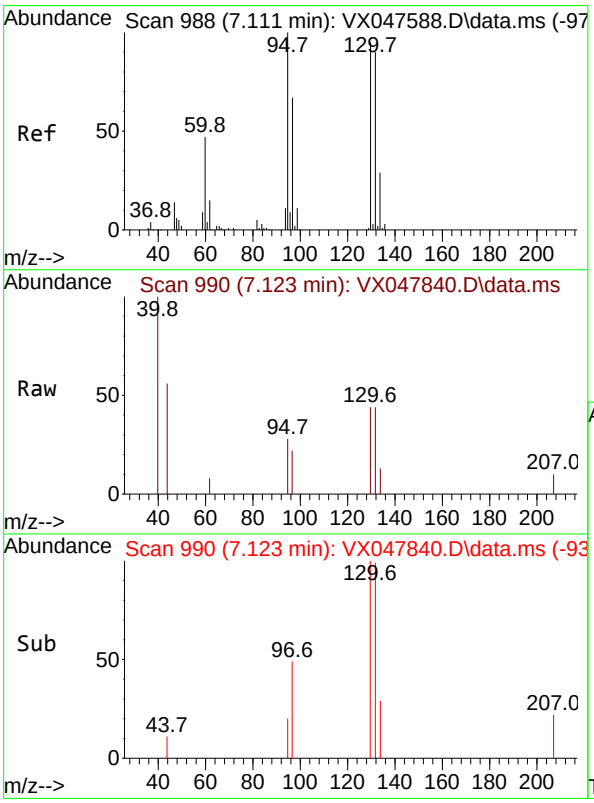
#35
Dibromofluoromethane
Concen: 50.214 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250916

Tgt Ion:113 Resp: 84425

Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.9	121.3
192	18.3	14.2	21.4

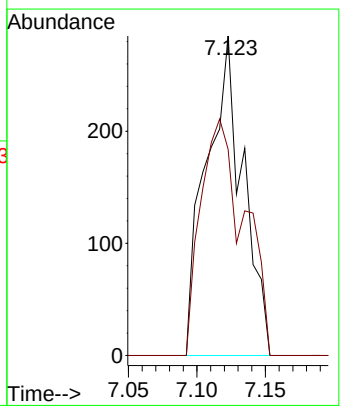


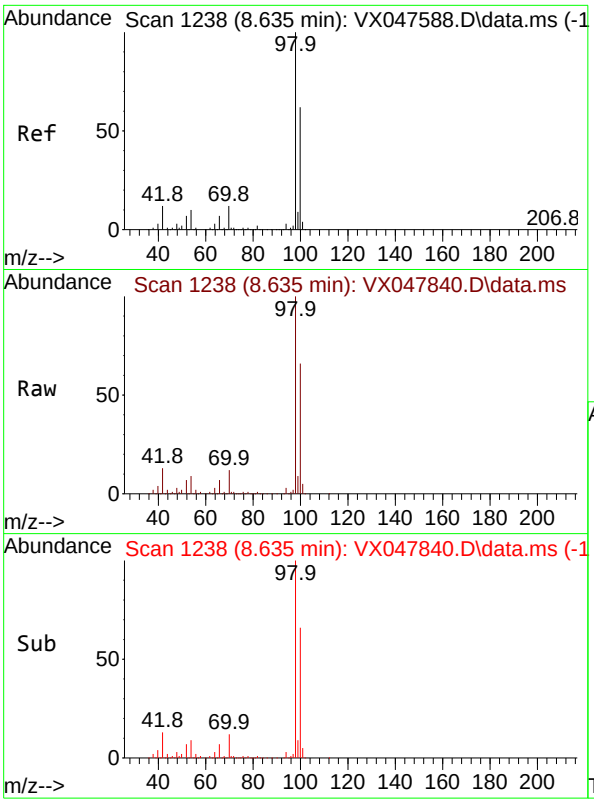


#44
Trichloroethene
Concen: 0.294 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Tgt Ion:130 Resp: 530

Ion	Ratio	Lower	Upper
130	100		
95	64.6	0.0	210.8



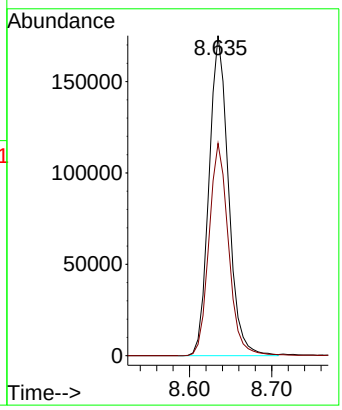


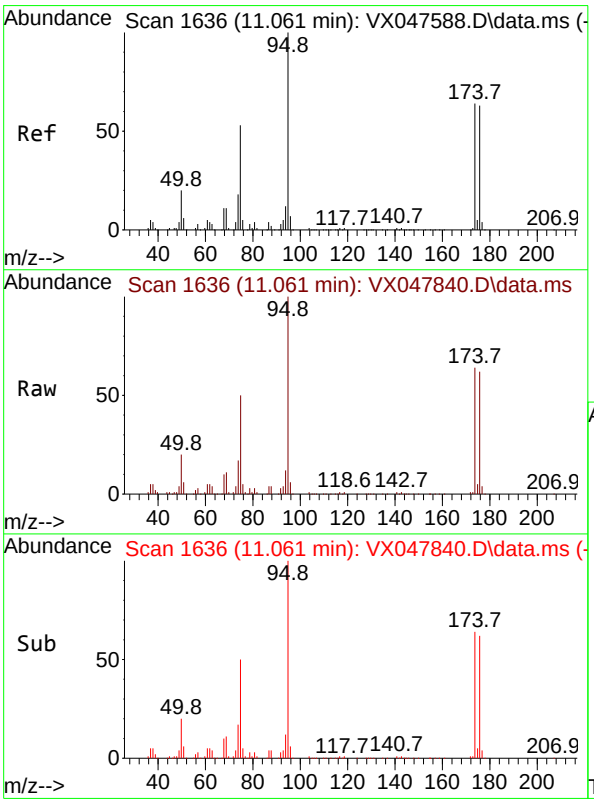
#50
Toluene-d8
Concen: 49.440 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250916

Tgt Ion: 98 Resp: 287625

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4

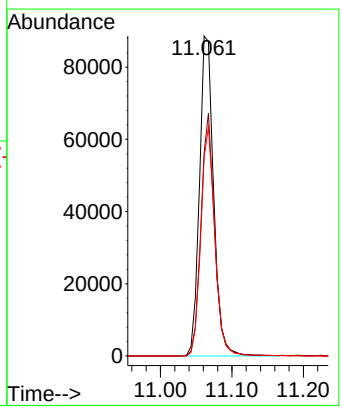


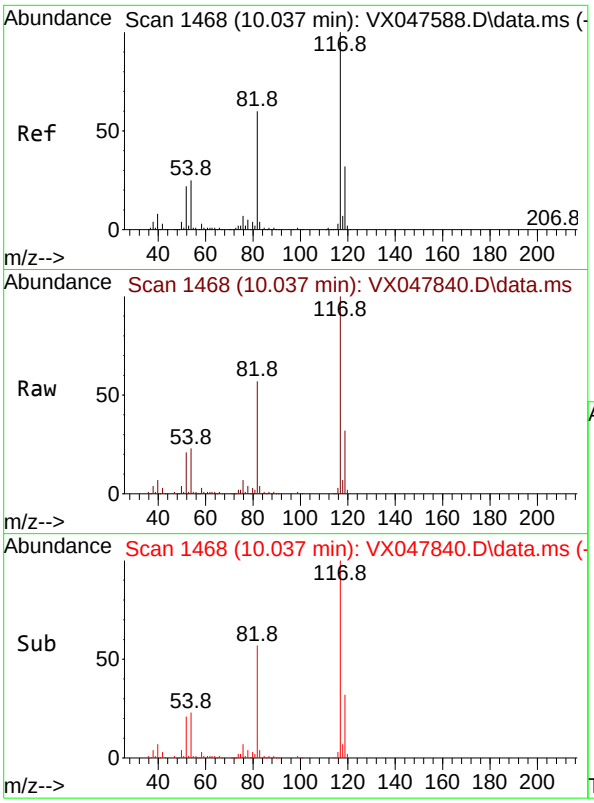


#62
4-Bromofluorobenzene
Concen: 55.274 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Tgt Ion: 95 Resp: 122039

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	141.6
176	70.8	0.0	138.4



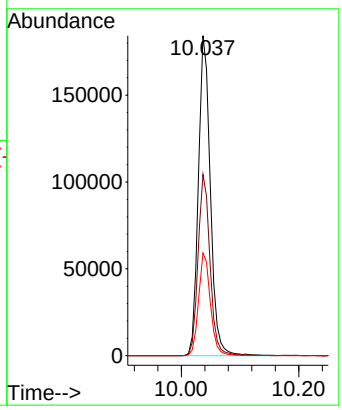


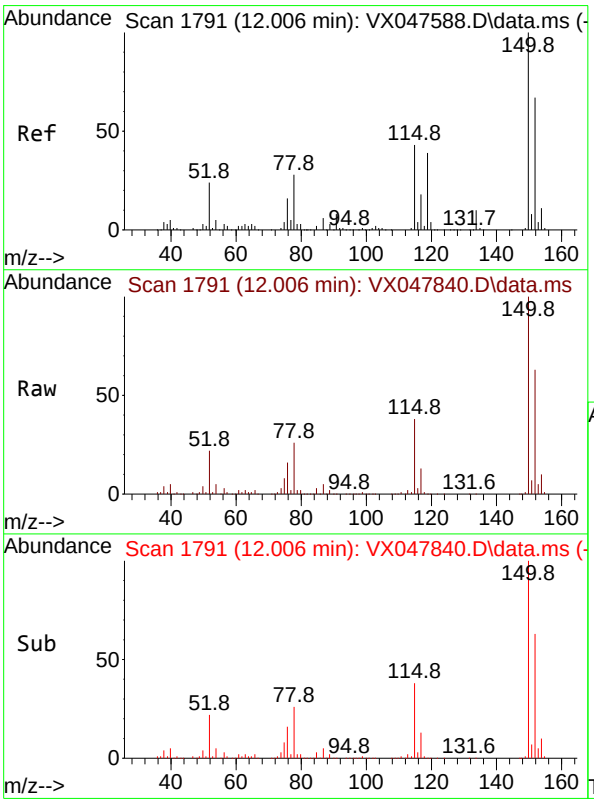
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250916

Tgt Ion:117 Resp: 261456

Ion	Ratio	Lower	Upper
117	100		
82	56.6	47.8	71.6
119	32.1	25.2	37.8

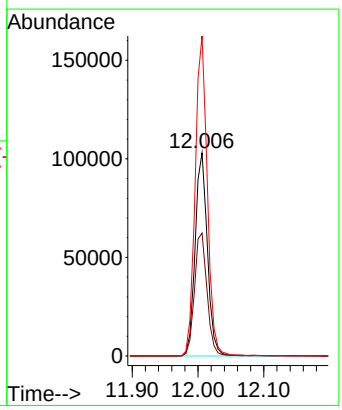




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Tgt Ion:152 Resp: 133160

Ion	Ratio	Lower	Upper
152	100		
115	62.0	44.9	134.5
150	155.8	0.0	352.0



Raw Data: **VX047841.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-3-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047841.D	1	09/26/25 07:43	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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	1.60	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

Raw Data: **VX047841.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-3-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047841.D	1	09/26/25 07:43	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.6		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	49.5		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.3		85 - 114		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	133000	5.544				
540-36-3	1,4-Difluorobenzene	283000	6.751				
3114-55-4	Chlorobenzene-d5	293000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	148000	12.006				

Raw Data: **VX047841.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-3-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047841.D	1	09/26/25 07:43	VX092525

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\VX092525\
Data File : VX047841.D
Acq On : 26 Sep 2025 07:43
Operator : JC/MD
Sample : Q3128-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916

Quant Time: Sep 26 08:30:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

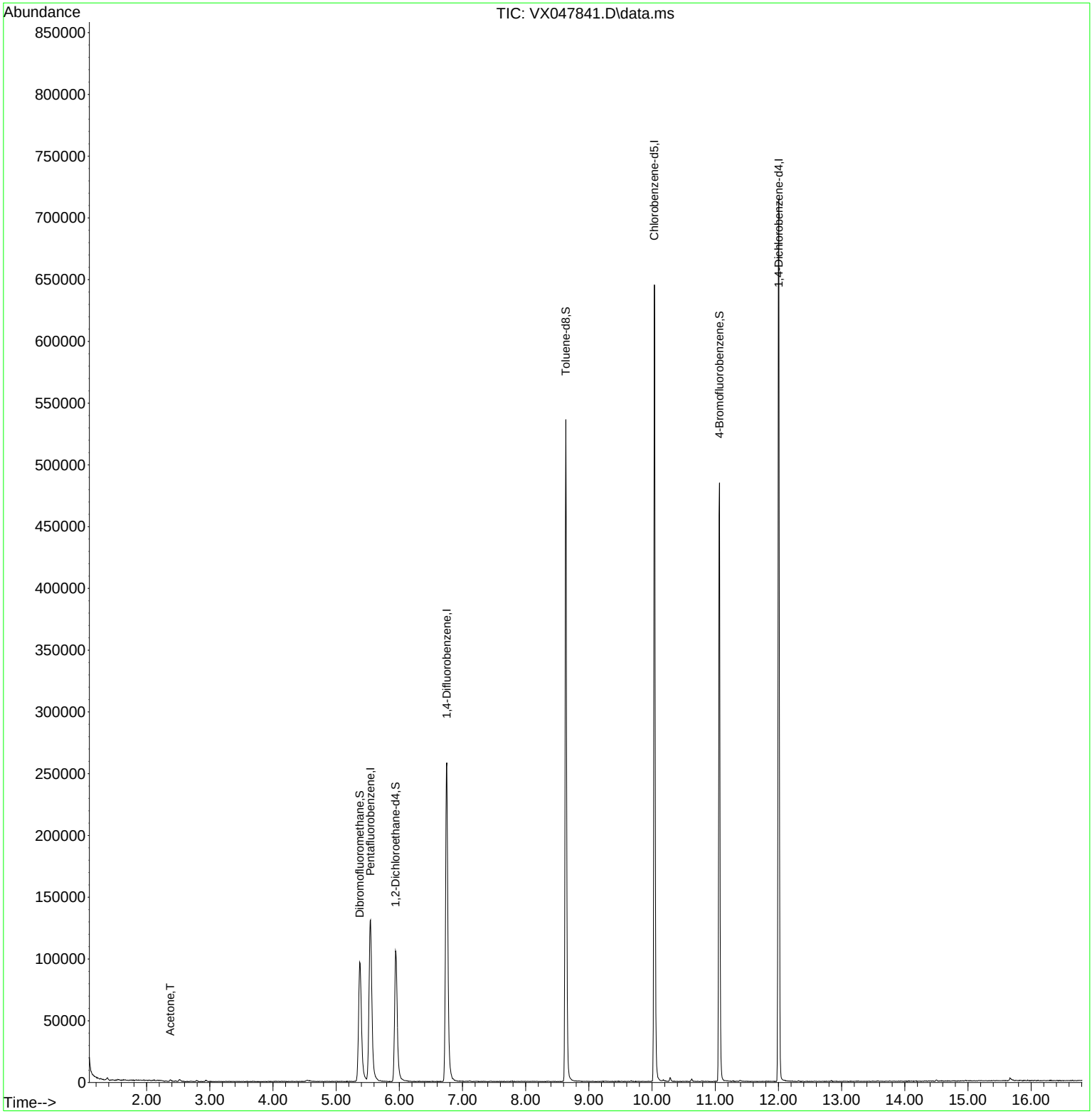
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	132775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	283230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	293419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	148155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	115452	54.627	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.260%			
35) Dibromofluoromethane	5.373	113	96032	50.557	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.120%			
50) Toluene-d8	8.635	98	325040	49.454	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.900%			
62) 4-Bromofluorobenzene	11.067	95	140352	56.266	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.540%			
Target Compounds						Qvalue
16) Acetone	2.373	43	1492	1.624	ug/l #	88

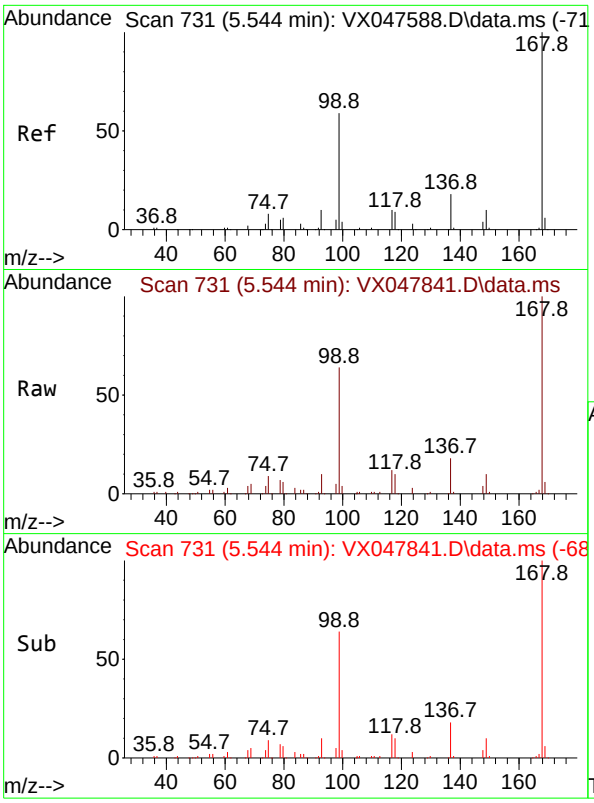
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047841.D
Acq On : 26 Sep 2025 07:43
Operator : JC/MD
Sample : Q3128-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916

Quant Time: Sep 26 08:30:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



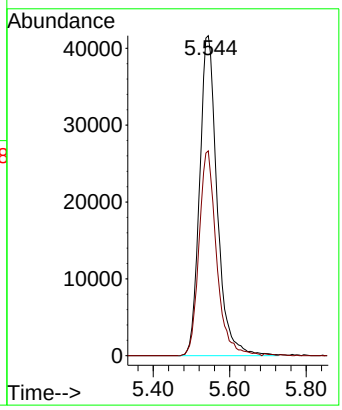


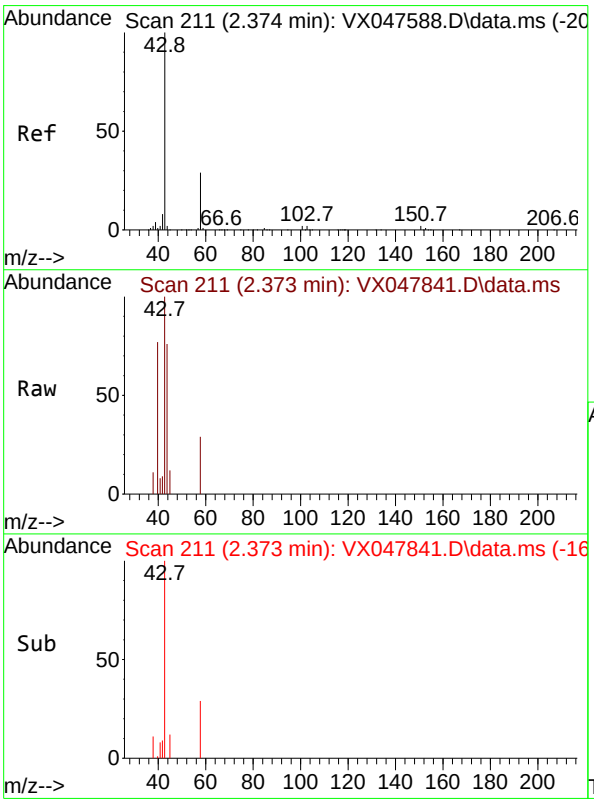
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916

Tgt Ion:168 Resp: 132775

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2

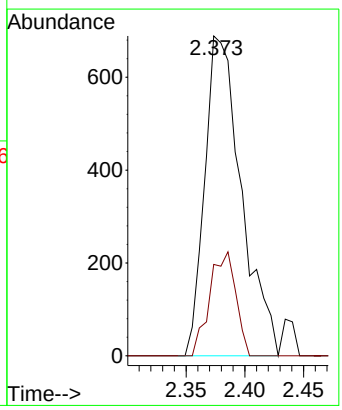


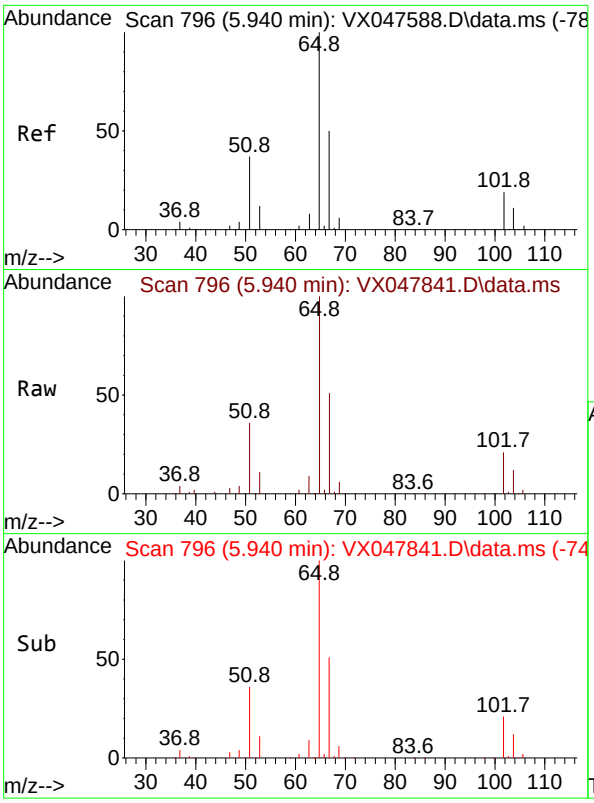


#16
Acetone
Concen: 1.624 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Tgt Ion: 43 Resp: 1492

Ion	Ratio	Lower	Upper
43	100		
58	22.9	23.4	35.0#



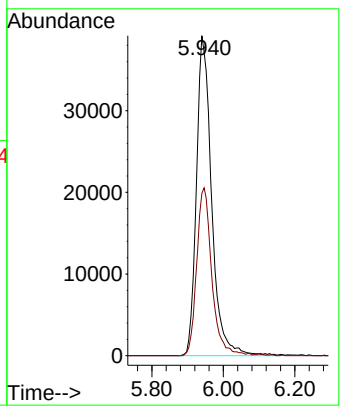


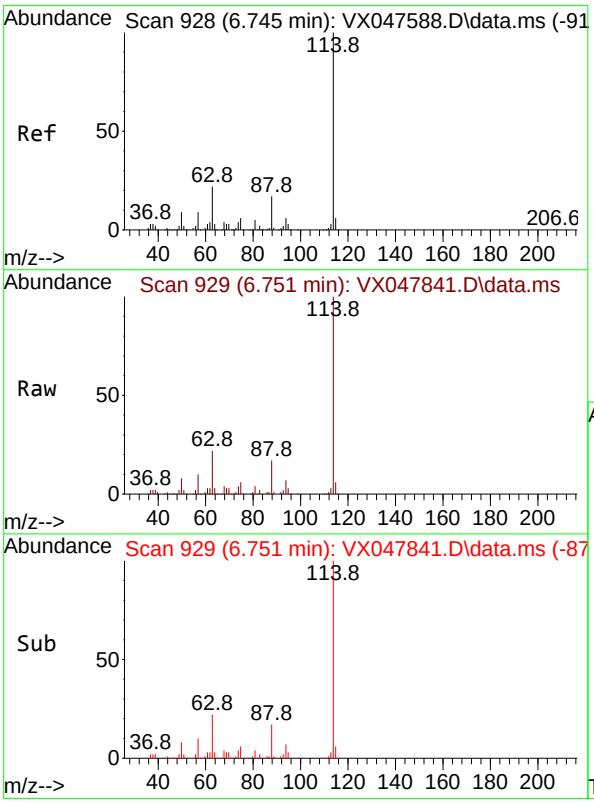
#33
1,2-Dichloroethane-d4
Concen: 54.627 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916

Tgt Ion: 65 Resp: 115452

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0

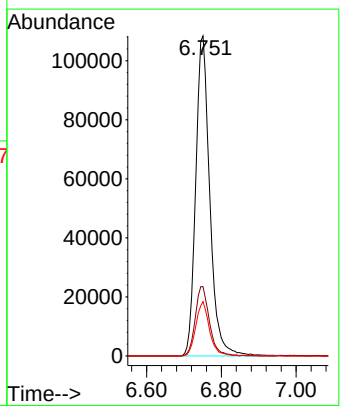


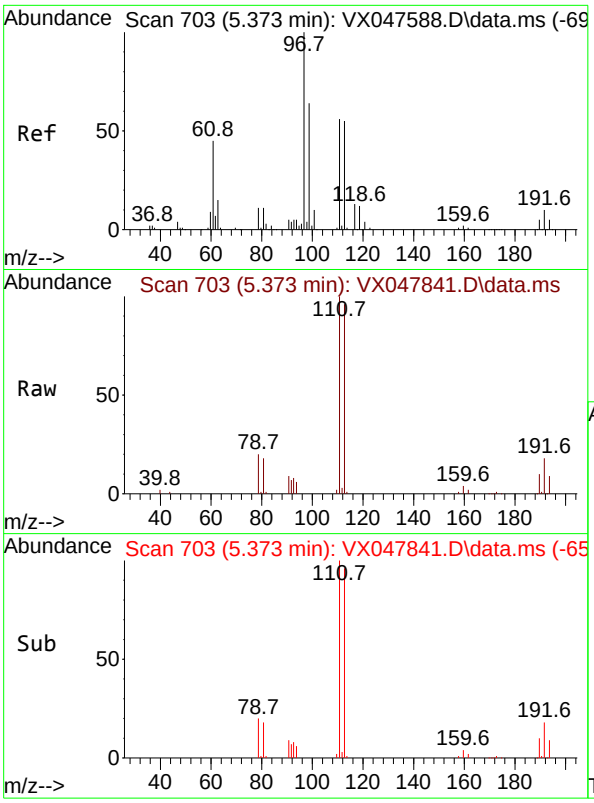


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Tgt Ion:114 Resp: 283230

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	17.0	0.0	34.2



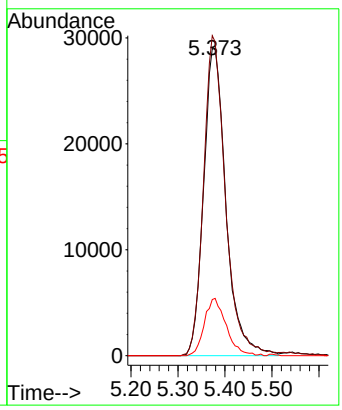


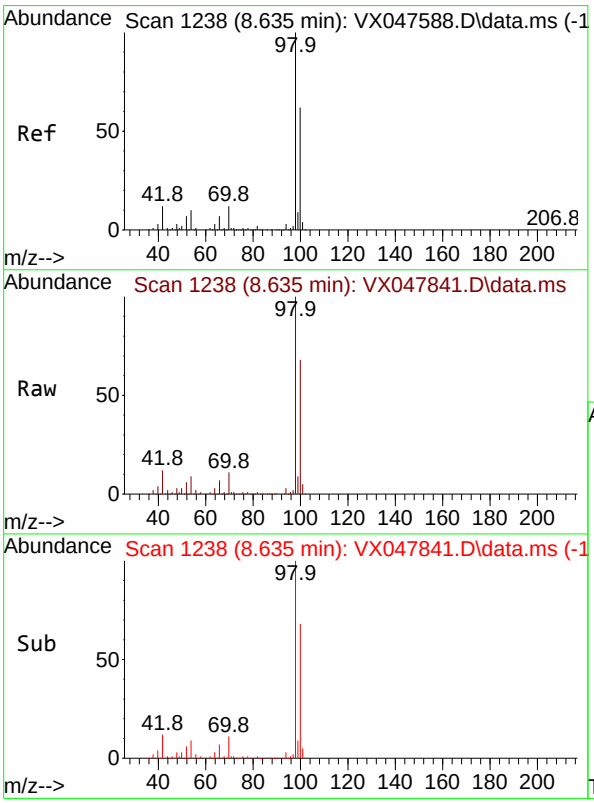
#35
Dibromofluoromethane
Concen: 50.557 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916

Tgt Ion:113 Resp: 96032

Ion	Ratio	Lower	Upper
113	100		
111	101.4	80.9	121.3
192	18.2	14.2	21.4

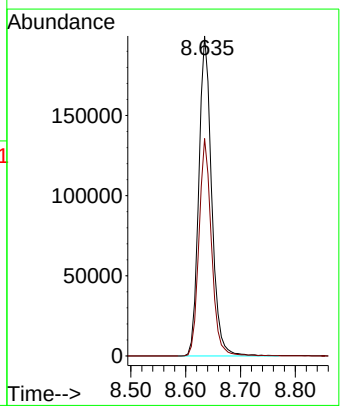


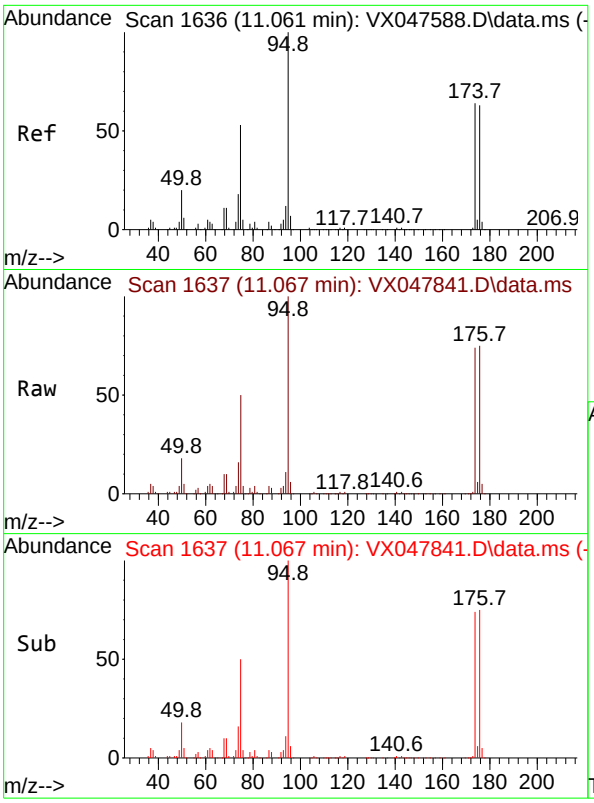


#50
Toluene-d8
Concen: 49.454 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Tgt Ion: 98 Resp: 325040

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4



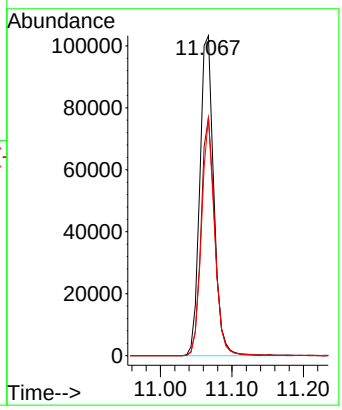


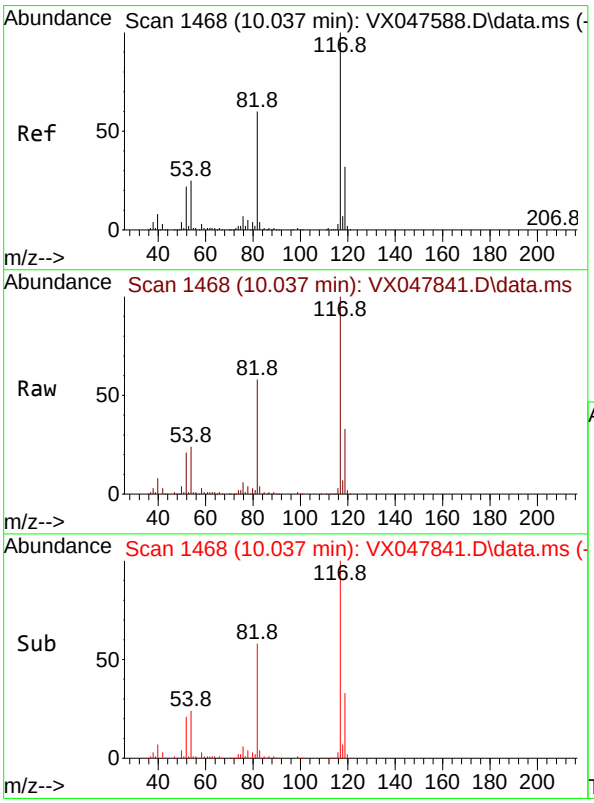
#62
4-Bromofluorobenzene
Concen: 56.266 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916

Tgt Ion: 95 Resp: 140352

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.6
176	70.1	0.0	138.4

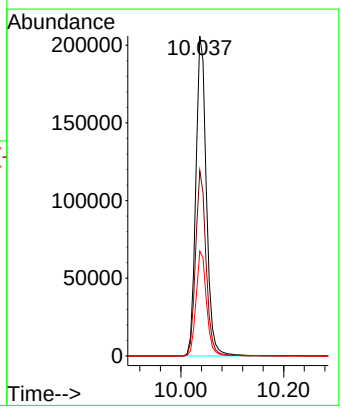


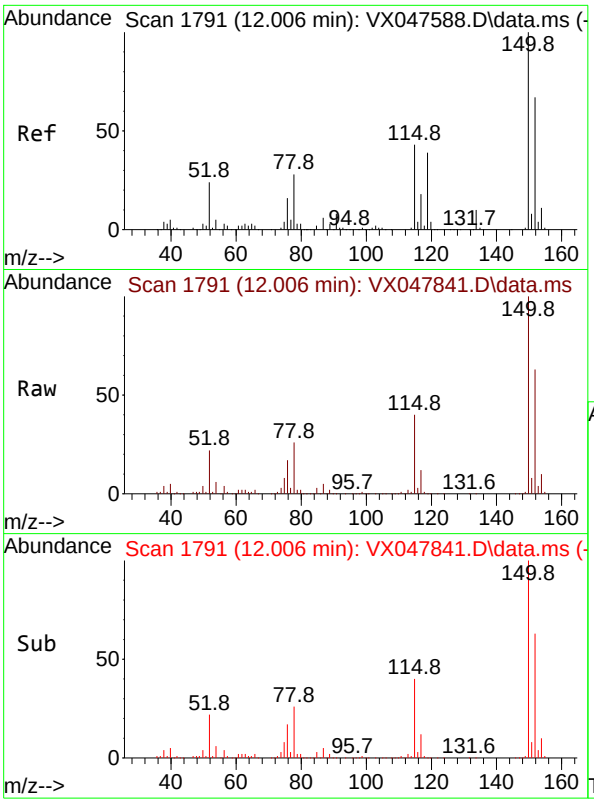


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Tgt Ion:117 Resp: 293419

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.8	71.6
119	32.7	25.2	37.8



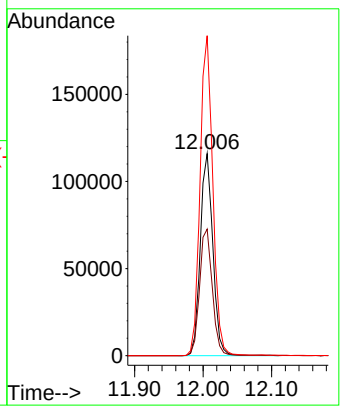


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047841.D
Acq: 26 Sep 2025 07:43

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250916

Tgt Ion:152 Resp: 148155

Ion	Ratio	Lower	Upper
152	100		
115	63.9	44.9	134.5
150	160.4	0.0	352.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-2-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-07	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:	Date Analyzed	Prep Batch ID
VX047810.D	1	09/25/25 14:35	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

Raw Data: **VX047810.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-2-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-07	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:	Date Analyzed	Prep Batch ID
VX047810.D	1	09/25/25 14:35	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.3		81 - 118		105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.0		89 - 112		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.0		85 - 114		106%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	119000	5.538				
540-36-3	1,4-Difluorobenzene	255000	6.745				
3114-55-4	Chlorobenzene-d5	260000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	131000	12.006				

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-2-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-07	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:	Date Analyzed	Prep Batch ID
VX047810.D	1	09/25/25 14:35	VX092525

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\VX092525\
Data File : VX047810.D
Acq On : 25 Sep 2025 14:35
Operator : JC/MD
Sample : Q3128-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250916

Quant Time: Sep 26 01:28:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

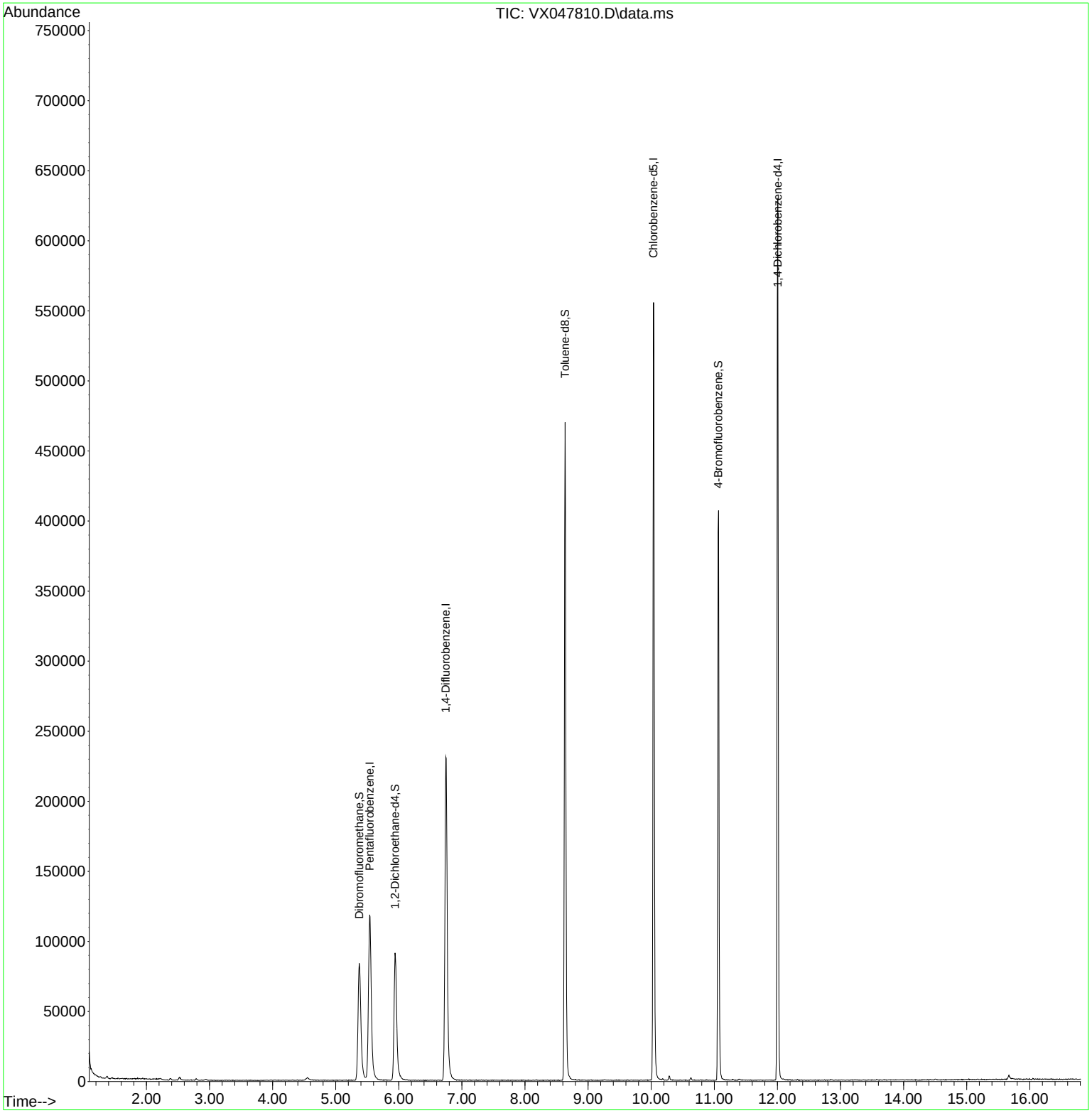
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	119164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	254523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	260449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99213	52.306	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.620%			
35) Dibromofluoromethane	5.373	113	83489	48.911	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.820%			
50) Toluene-d8	8.635	98	289410	48.999	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.000%			
62) 4-Bromofluorobenzene	11.061	95	118792	52.994	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.980%			
Target Compounds						Qvalue

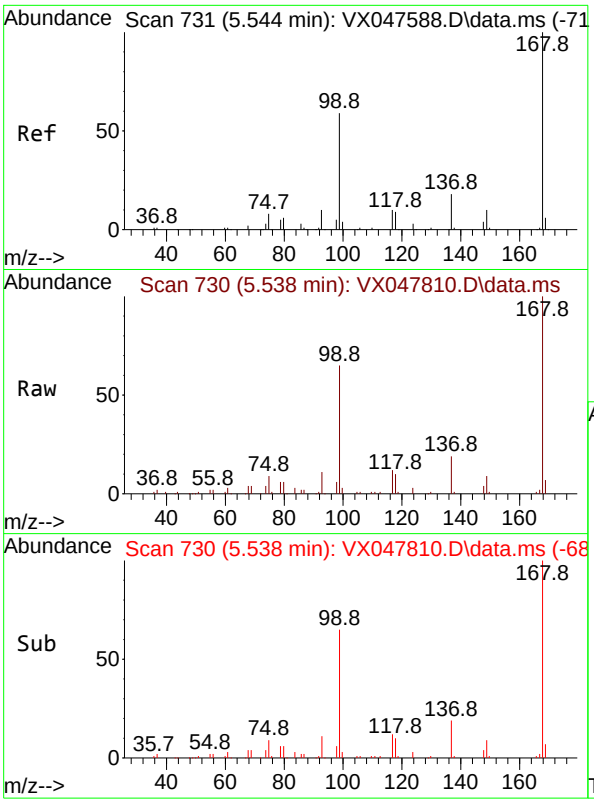
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047810.D
Acq On : 25 Sep 2025 14:35
Operator : JC/MD
Sample : Q3128-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250916

Quant Time: Sep 26 01:28:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



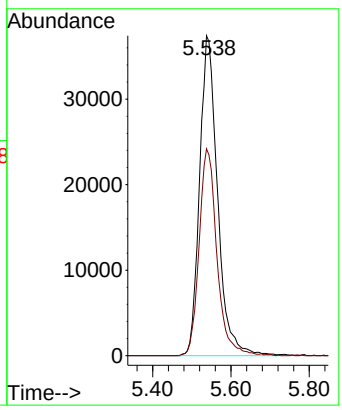


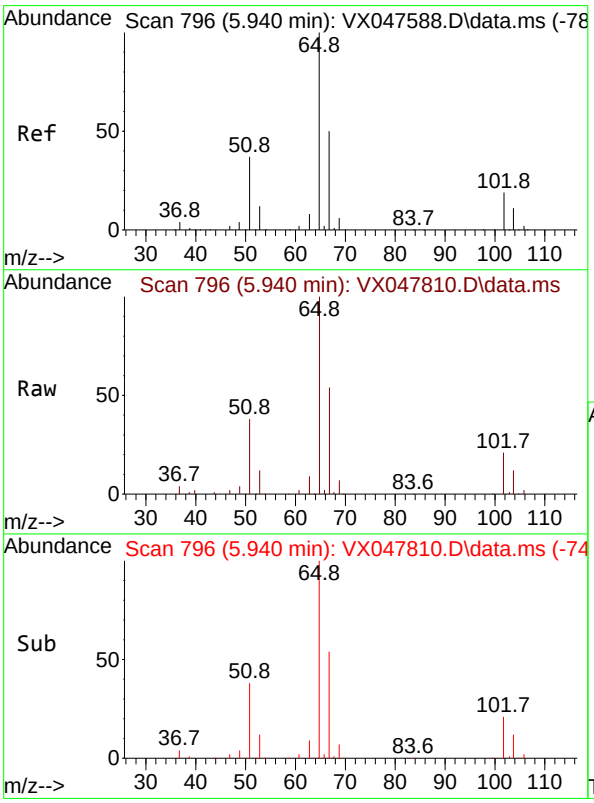
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047810.D
Acq: 25 Sep 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250916

Tgt Ion:168 Resp: 119164

Ion	Ratio	Lower	Upper
168	100		
99	64.6	48.8	73.2

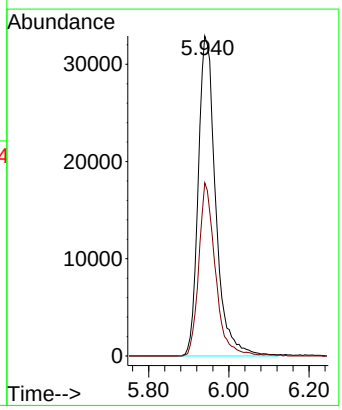


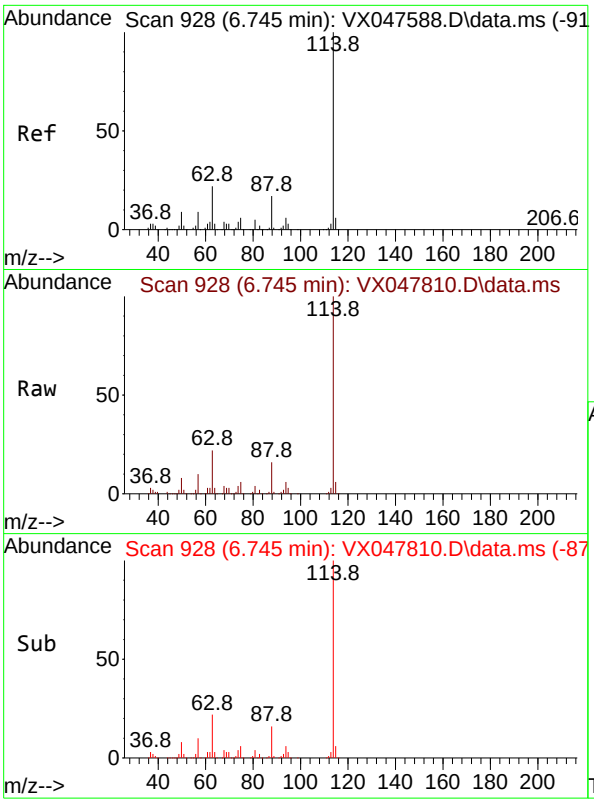


#33
1,2-Dichloroethane-d4
Concen: 52.306 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047810.D
Acq: 25 Sep 2025 14:35

Tgt Ion: 65 Resp: 99213

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0



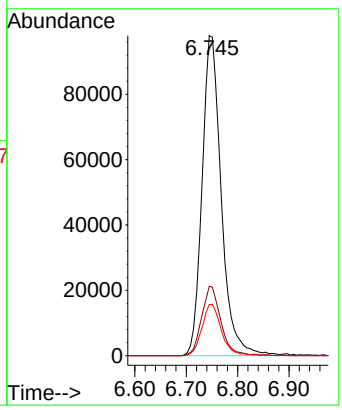


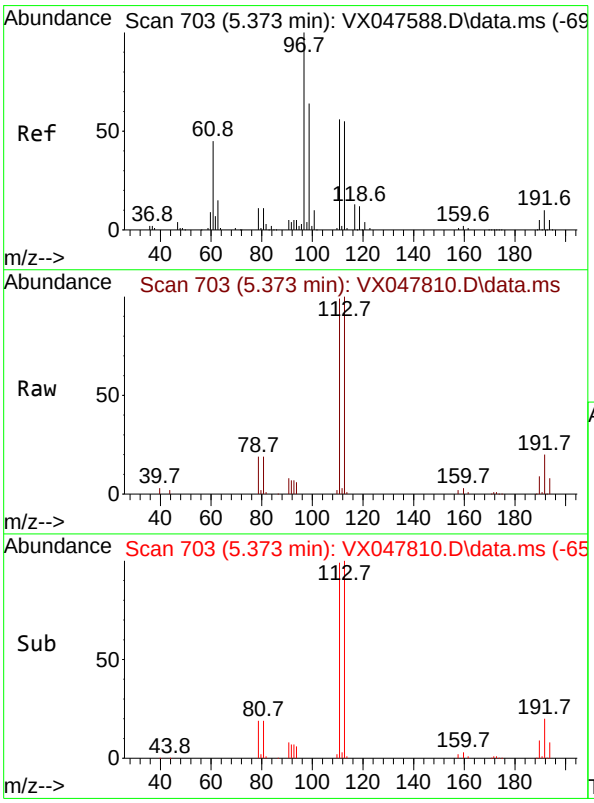
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047810.D
Acq: 25 Sep 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250916

Tgt Ion:114 Resp: 254523

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	16.0	0.0	34.2

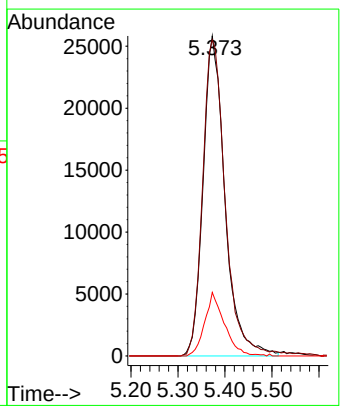


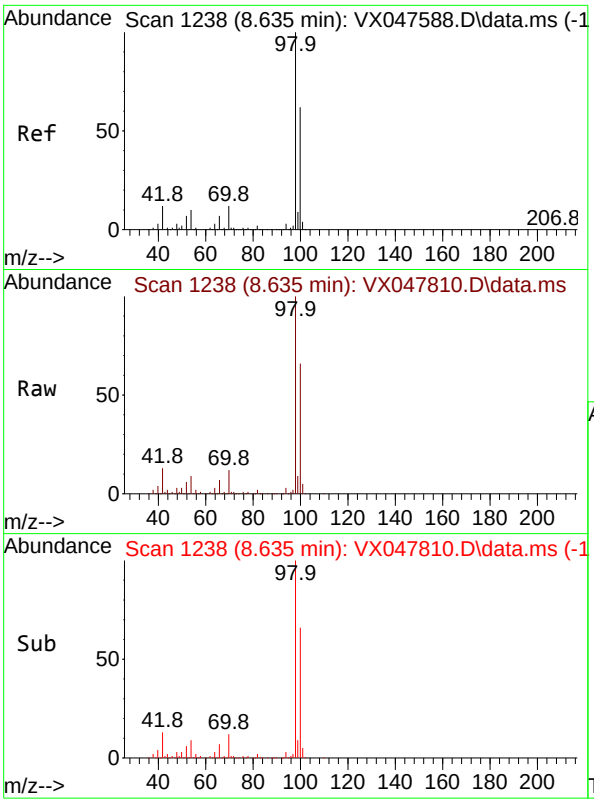


#35
Dibromofluoromethane
Concen: 48.911 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047810.D
Acq: 25 Sep 2025 14:35

Tgt Ion:113 Resp: 83489

Ion	Ratio	Lower	Upper
113	100		
111	101.0	80.9	121.3
192	18.0	14.2	21.4



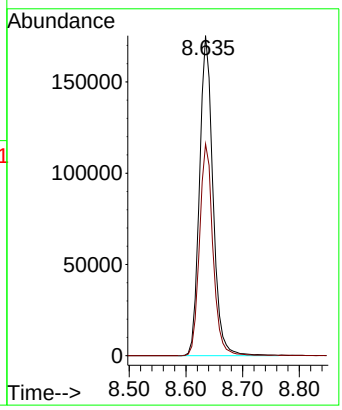


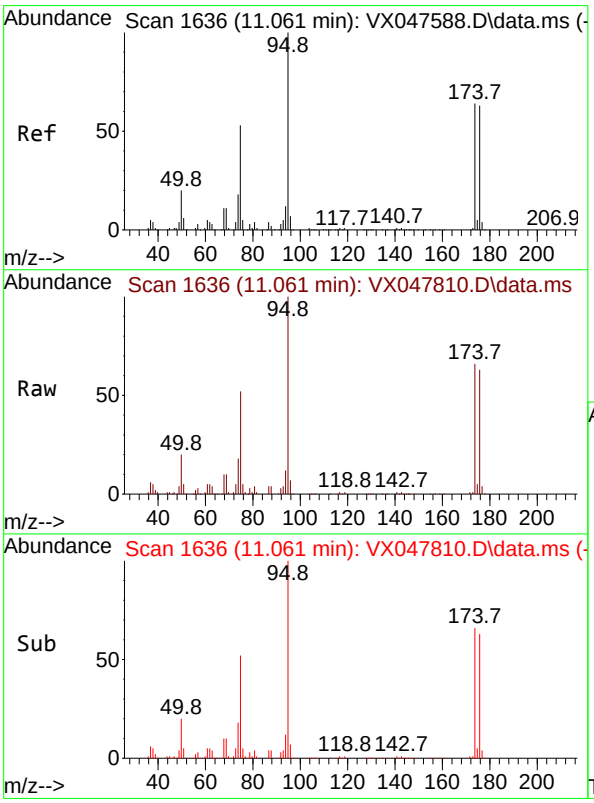
#50
Toluene-d8
Concen: 48.999 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047810.D
Acq: 25 Sep 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250916

Tgt Ion: 98 Resp: 289410

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

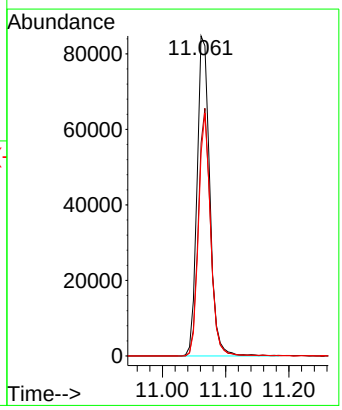


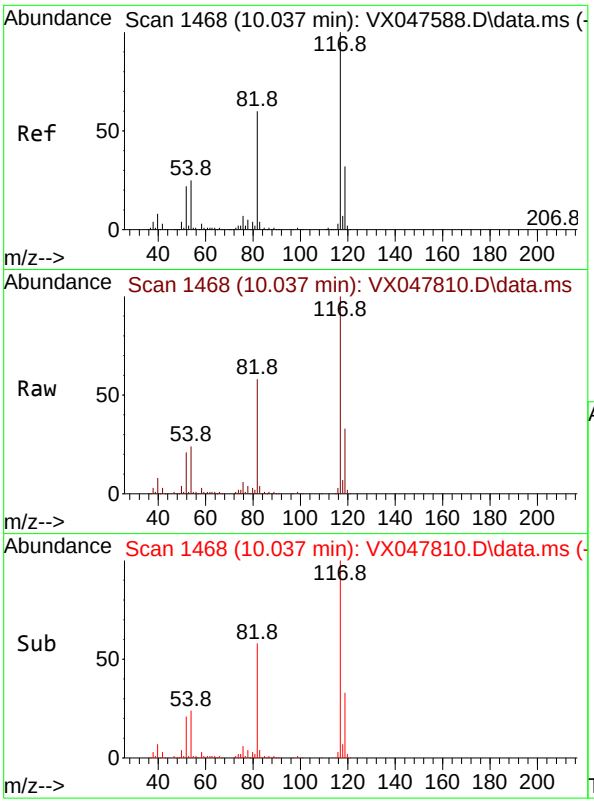


#62
4-Bromofluorobenzene
Concen: 52.994 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047810.D
Acq: 25 Sep 2025 14:35

Tgt Ion: 95 Resp: 118792

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	141.6
176	71.6	0.0	138.4



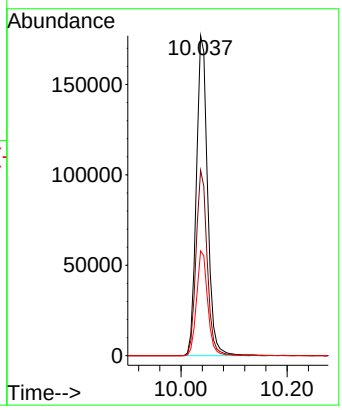


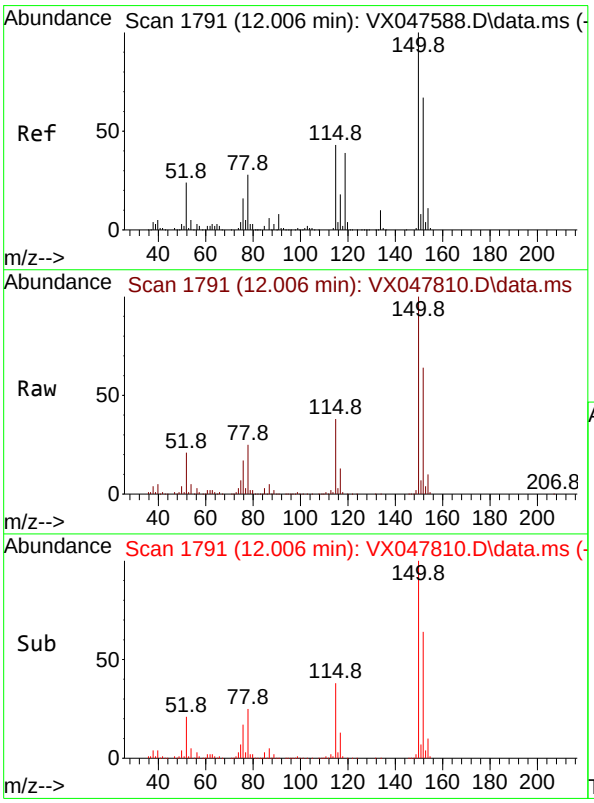
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047810.D
Acq: 25 Sep 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250916

Tgt Ion:117 Resp: 260449

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.8	71.6
119	32.7	25.2	37.8

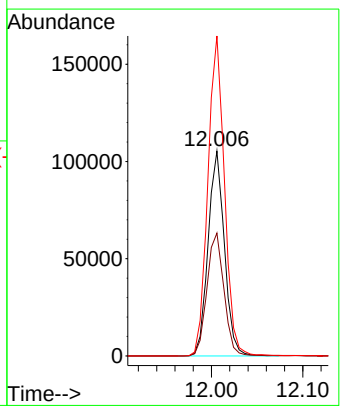




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047810.D
Acq: 25 Sep 2025 14:35

Tgt Ion:152 Resp: 130810

Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.9	134.5
150	158.6	0.0	352.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-10-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-08	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:	Date Analyzed	Prep Batch ID
VX047811.D	1	09/25/25 14:56	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

Raw Data: **VX047811.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-10-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-08	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:	Date Analyzed	Prep Batch ID
VX047811.D	1	09/25/25 14:56	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.4		81 - 118		103%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	48.4		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.0		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	124000	5.538				
540-36-3	1,4-Difluorobenzene	261000	6.751				
3114-55-4	Chlorobenzene-d5	264000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	132000	12.006				

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-10-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-08	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:	Date Analyzed	Prep Batch ID
VX047811.D	1	09/25/25 14:56	VX092525

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\VX092525\
Data File : VX047811.D
Acq On : 25 Sep 2025 14:56
Operator : JC/MD
Sample : Q3128-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250916

Quant Time: Sep 26 01:29:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

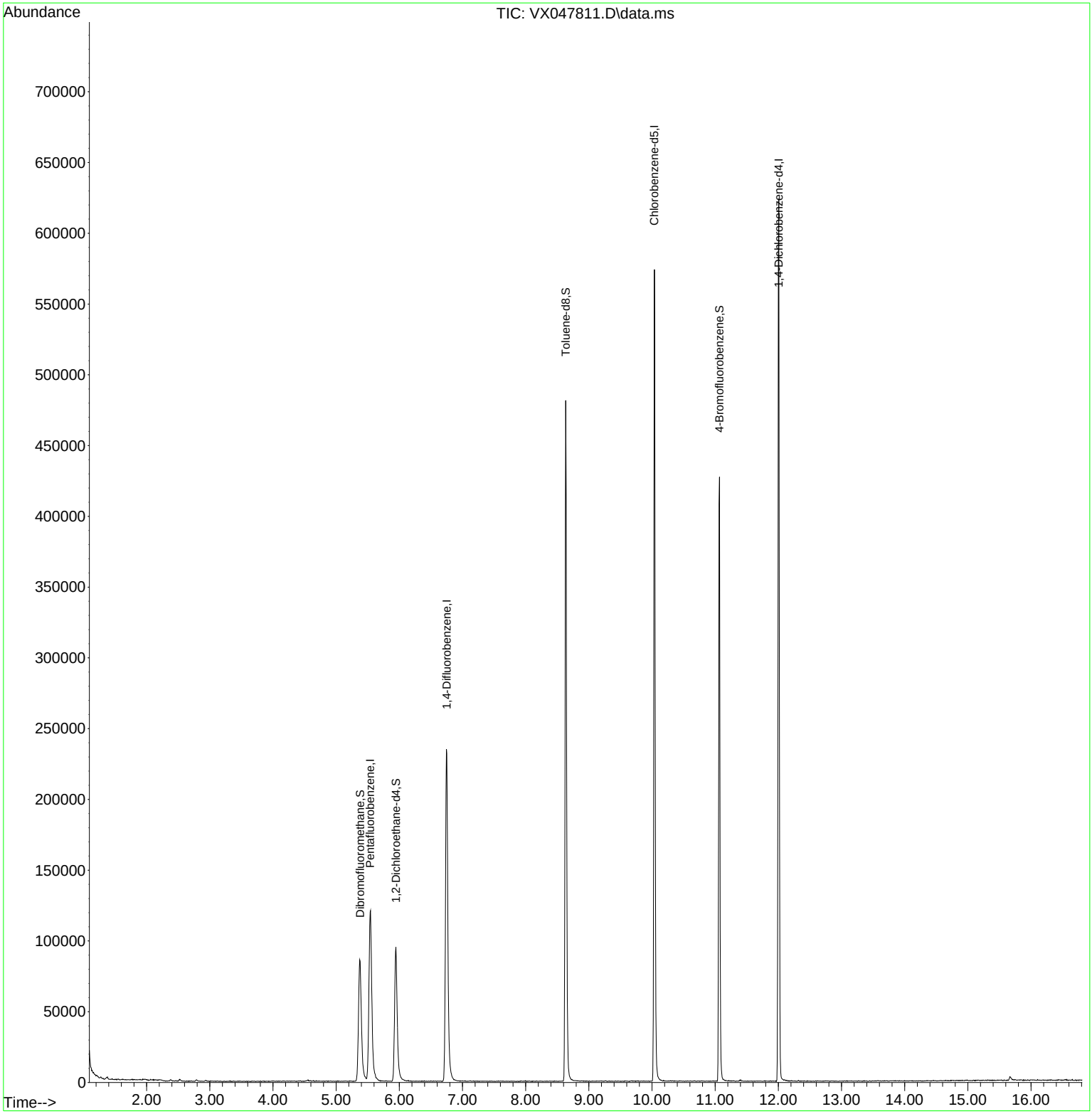
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	124352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	260863	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101668	51.364	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.720%			
35) Dibromofluoromethane	5.379	113	85144	48.668	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.340%			
50) Toluene-d8	8.635	98	293211	48.436	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.880%			
62) 4-Bromofluorobenzene	11.067	95	123993	53.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.940%			
Target Compounds						Qvalue

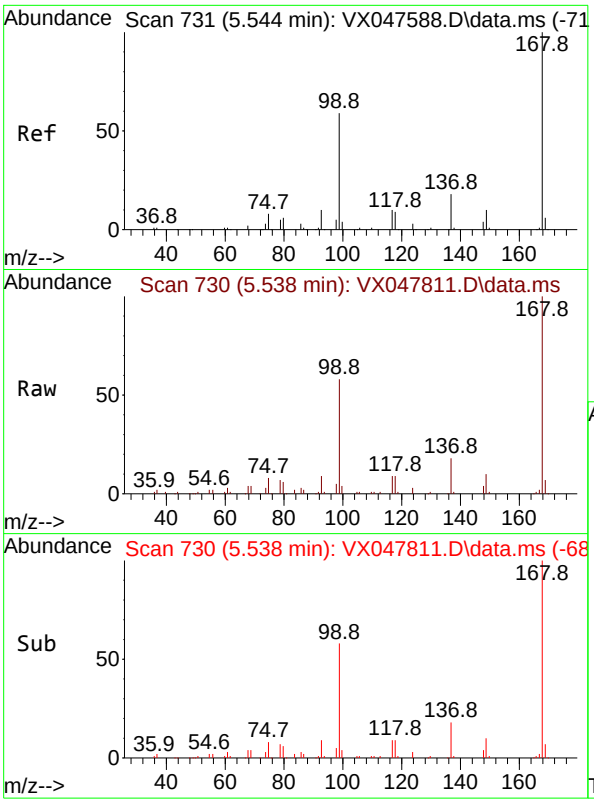
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047811.D
Acq On : 25 Sep 2025 14:56
Operator : JC/MD
Sample : Q3128-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250916

Quant Time: Sep 26 01:29:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



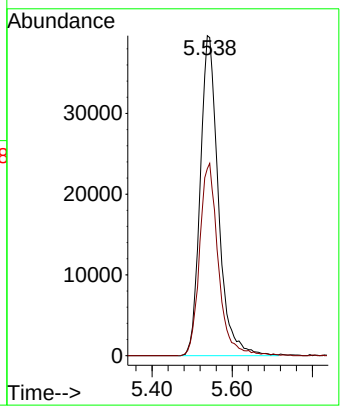


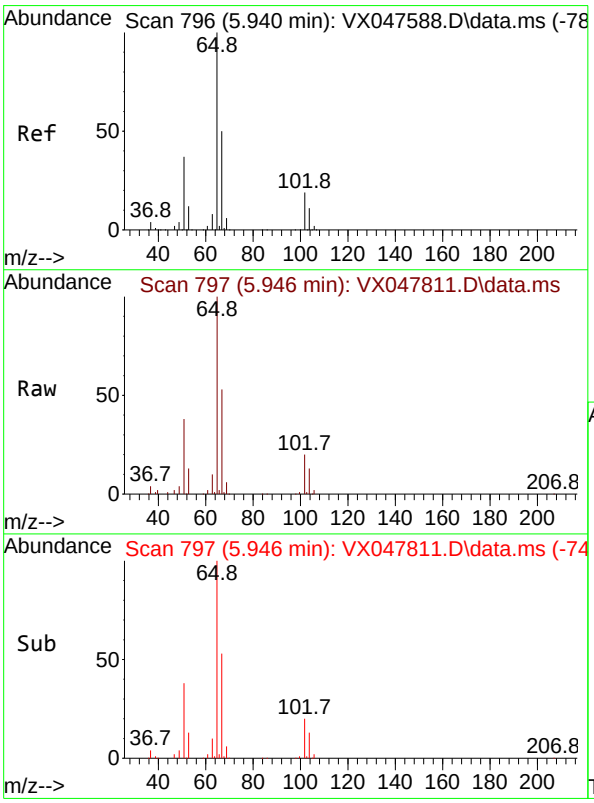
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047811.D
Acq: 25 Sep 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250916

Tgt Ion:168 Resp: 124352

Ion	Ratio	Lower	Upper
168	100		
99	58.4	48.8	73.2

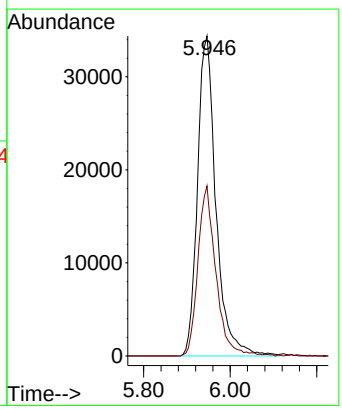


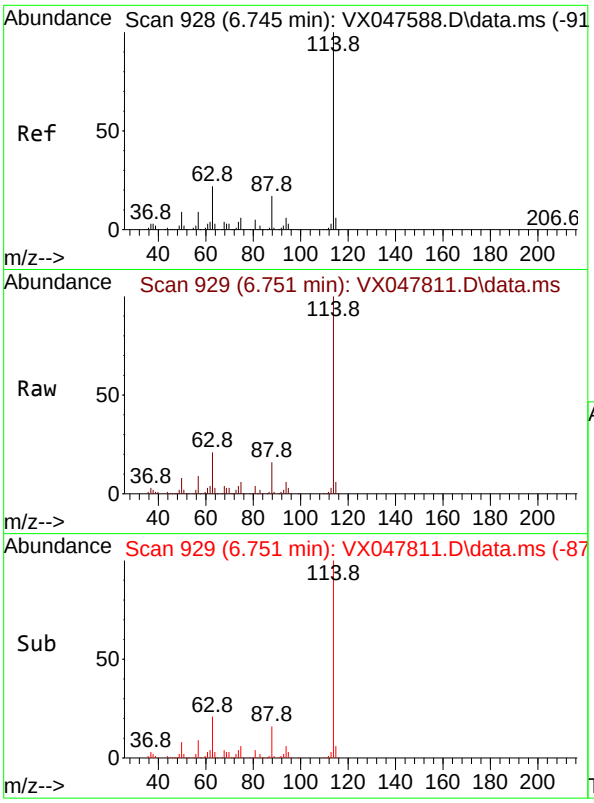


#33
1,2-Dichloroethane-d4
Concen: 51.364 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047811.D
Acq: 25 Sep 2025 14:56

Tgt Ion: 65 Resp: 101668

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.0



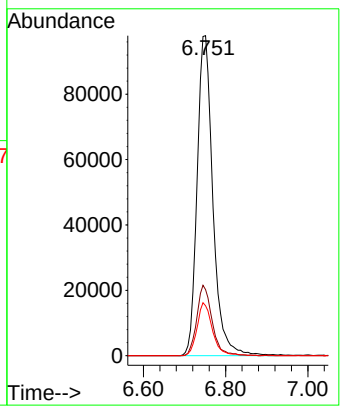


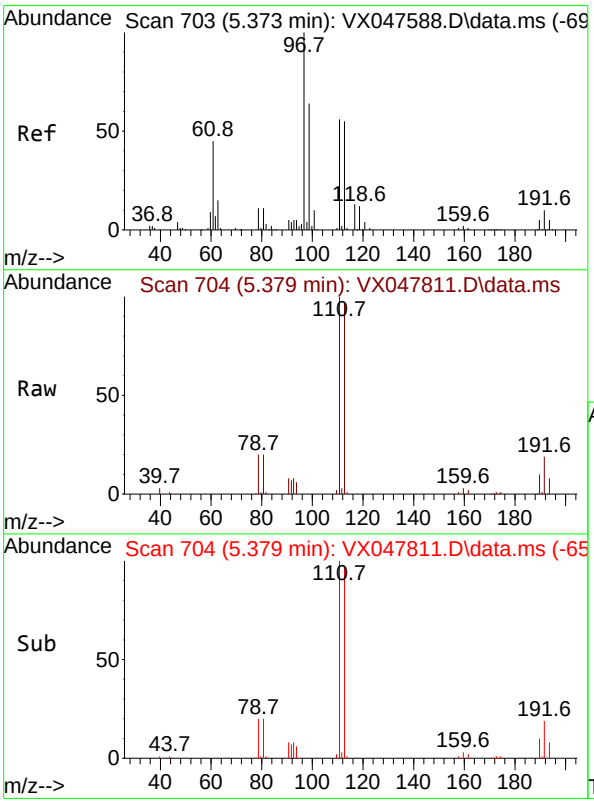
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX047811.D
Acq: 25 Sep 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250916

Tgt Ion:114 Resp: 260863

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.0
88	15.6	0.0	34.2

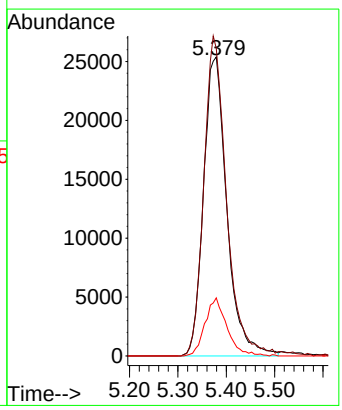


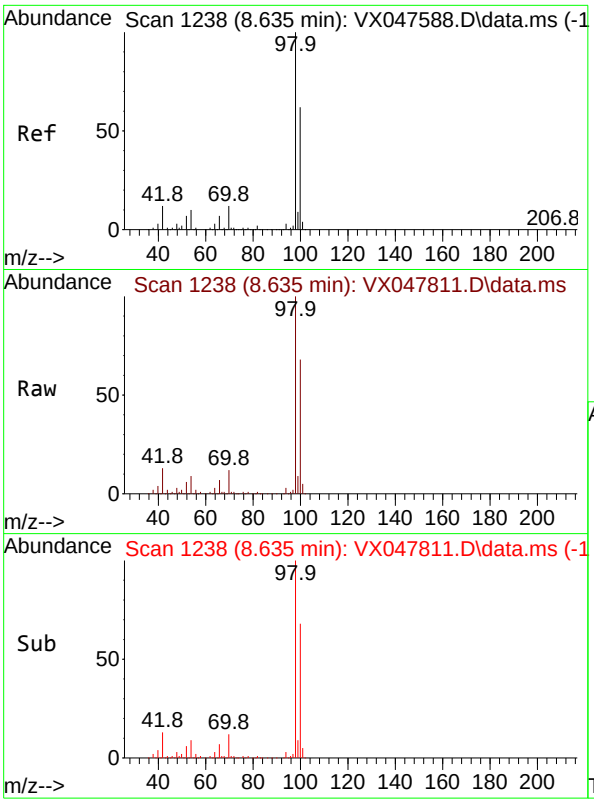


#35
Dibromofluoromethane
Concen: 48.668 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047811.D
Acq: 25 Sep 2025 14:56

Tgt Ion:113 Resp: 85144

Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.9	121.3
192	18.2	14.2	21.4



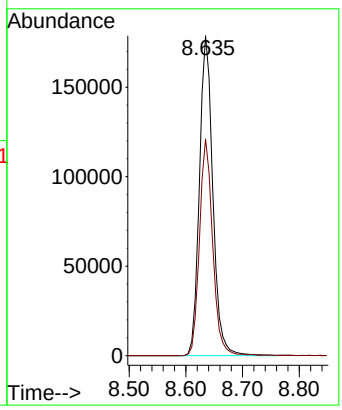


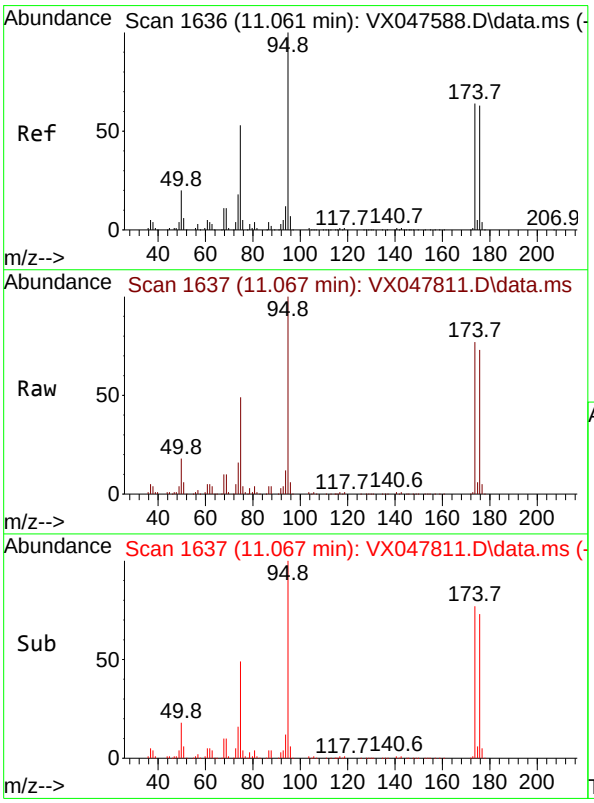
#50
Toluene-d8
Concen: 48.436 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047811.D
Acq: 25 Sep 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250916

Tgt Ion: 98 Resp: 293211

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4

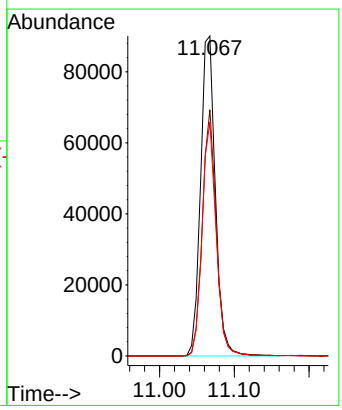


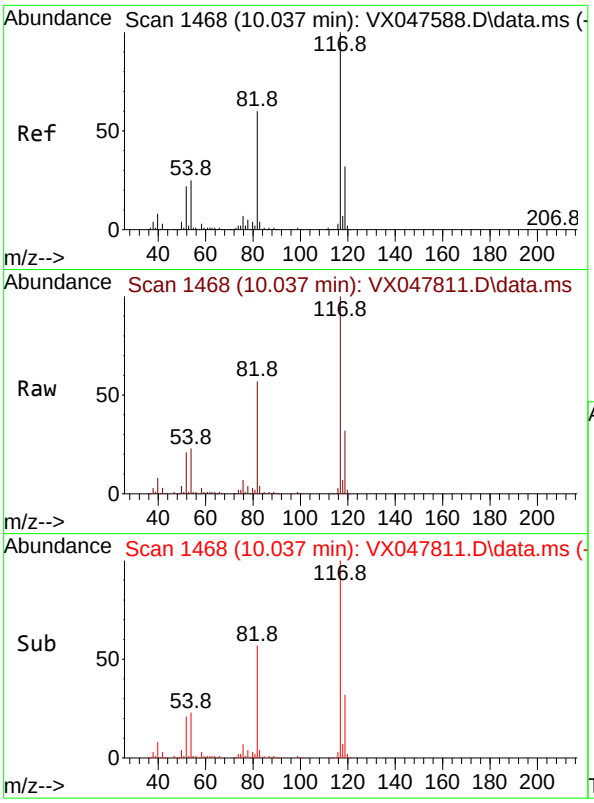


#62
4-Bromofluorobenzene
Concen: 53.970 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047811.D
Acq: 25 Sep 2025 14:56

Tgt Ion: 95 Resp: 123993

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	141.6
176	69.3	0.0	138.4



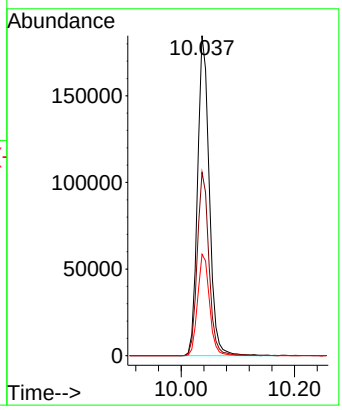


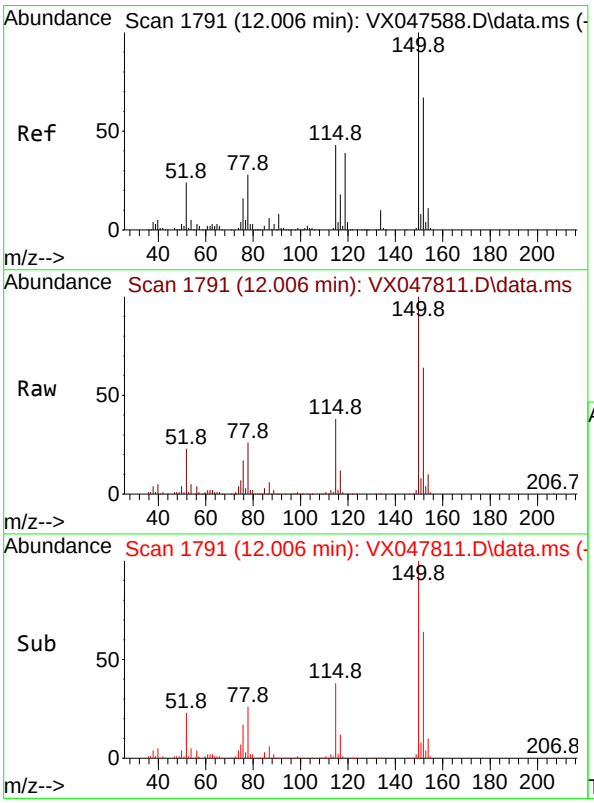
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047811.D
Acq: 25 Sep 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250916

Tgt Ion:117 Resp: 264166

Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.8	71.6
119	31.7	25.2	37.8

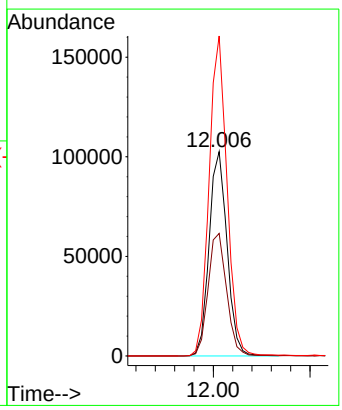




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047811.D
Acq: 25 Sep 2025 14:56

Tgt Ion:152 Resp: 132252

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.9	134.5
150	156.2	0.0	352.0



Raw Data: **VX047812.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-11-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-09	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:	Date Analyzed	Prep Batch ID
VX047812.D	1	09/25/25 15:17	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

Raw Data: **VX047812.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-11-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-09	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:	Date Analyzed	Prep Batch ID
VX047812.D	1	09/25/25 15:17	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.2		81 - 118		106%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	49.1		89 - 112		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.4		85 - 114		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	116000	5.544				
540-36-3	1,4-Difluorobenzene	248000	6.751				
3114-55-4	Chlorobenzene-d5	257000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	128000	12.006				

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-11-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-09	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:	Date Analyzed	Prep Batch ID
VX047812.D	1	09/25/25 15:17	VX092525

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\VX092525\
Data File : VX047812.D
Acq On : 25 Sep 2025 15:17
Operator : JC/MD
Sample : Q3128-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250916

Quant Time: Sep 26 01:29:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	116305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	248243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98484	53.198	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.400%			
35) Dibromofluoromethane	5.379	113	82203	49.376	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.760%			
50) Toluene-d8	8.634	98	282956	49.118	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.240%			
62) 4-Bromofluorobenzene	11.067	95	119034	54.445	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.900%			

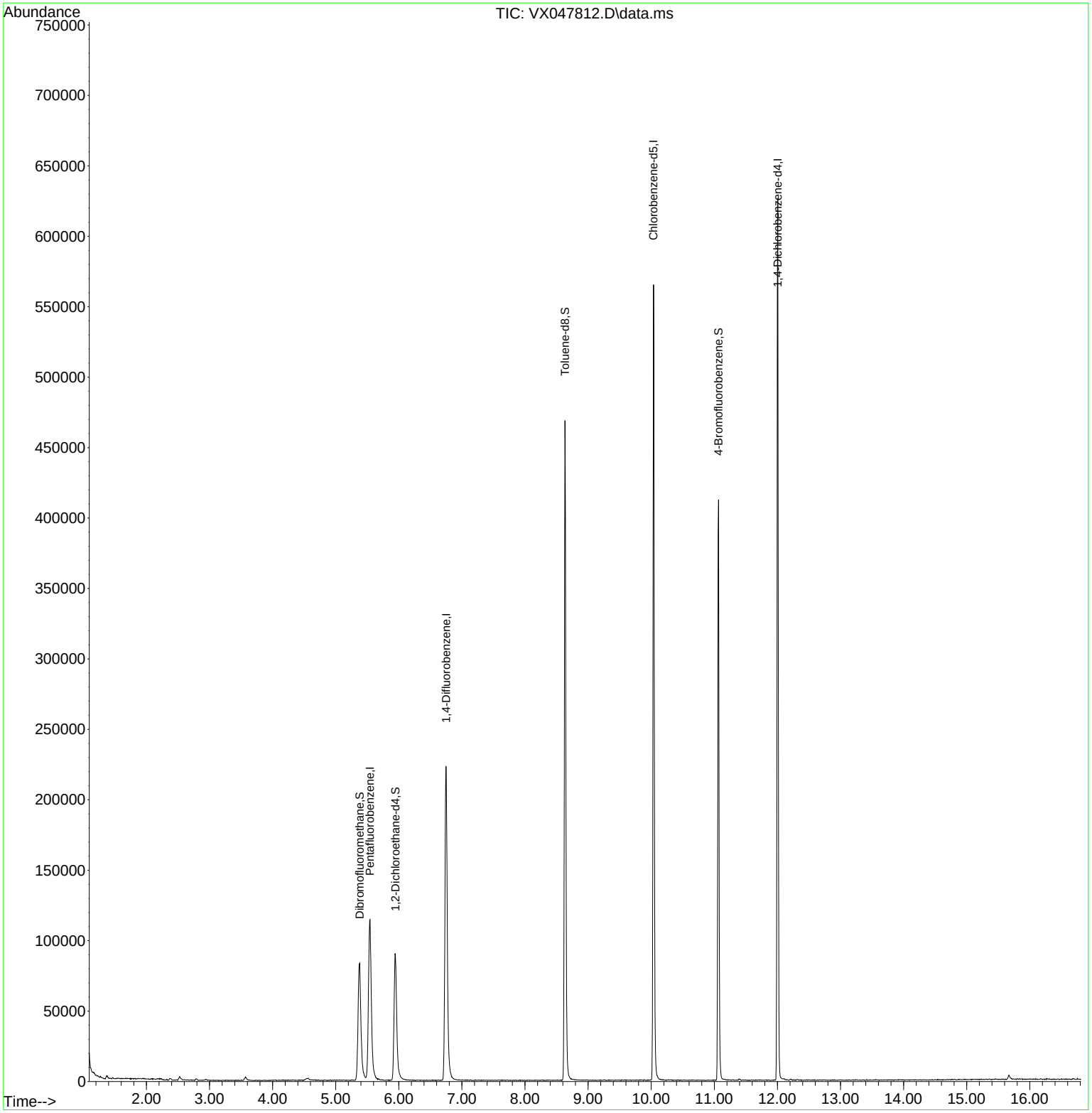
Target Compounds Qvalue

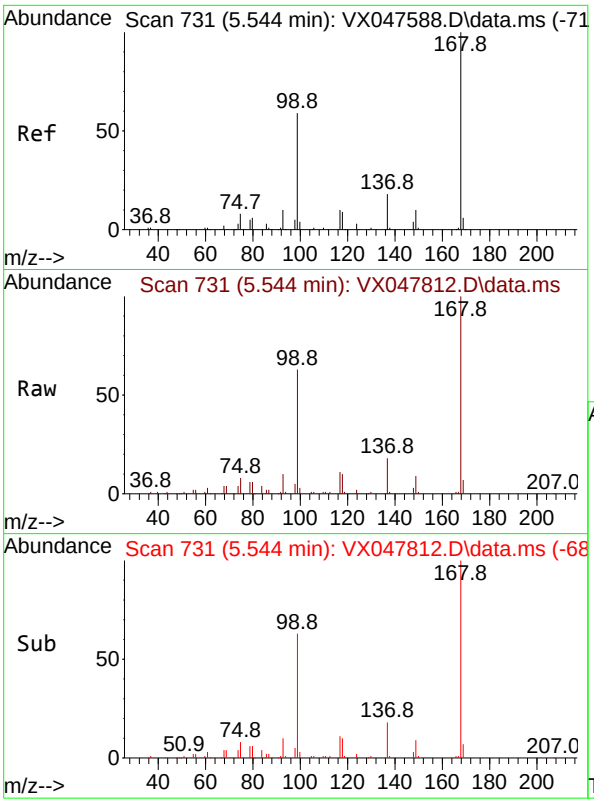
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047812.D
Acq On : 25 Sep 2025 15:17
Operator : JC/MD
Sample : Q3128-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250916

Quant Time: Sep 26 01:29:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



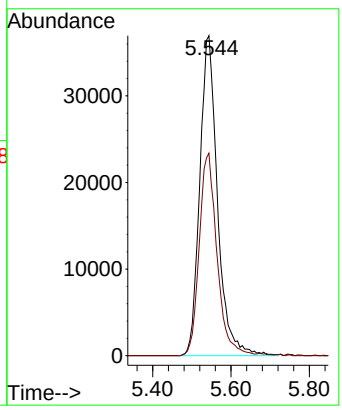


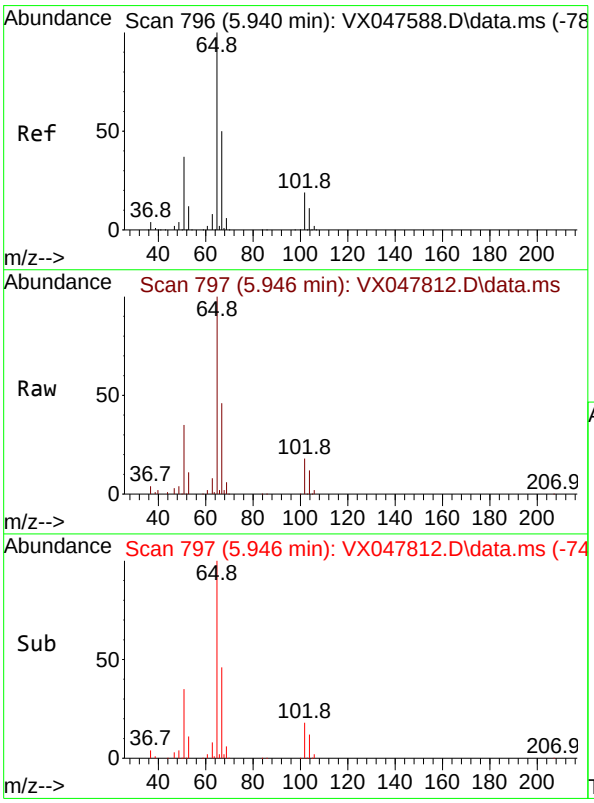
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250916

Tgt Ion:168 Resp: 116305

Ion	Ratio	Lower	Upper
168	100		
99	63.3	48.8	73.2

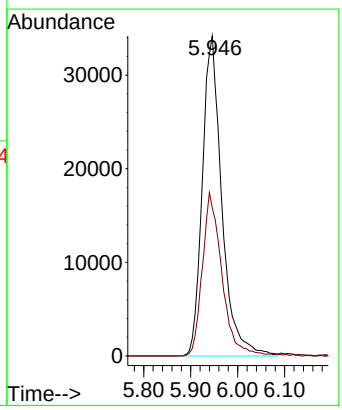


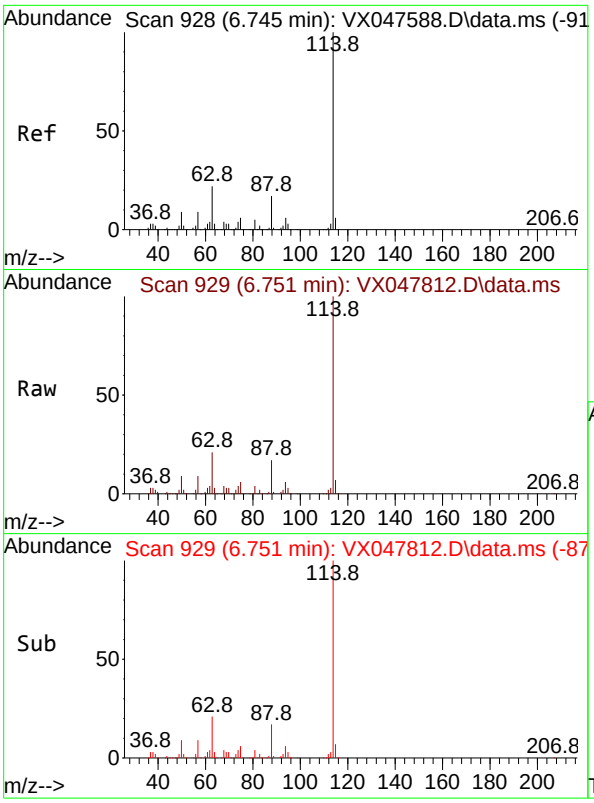


#33
1,2-Dichloroethane-d4
Concen: 53.198 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Tgt Ion: 65 Resp: 98484

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0



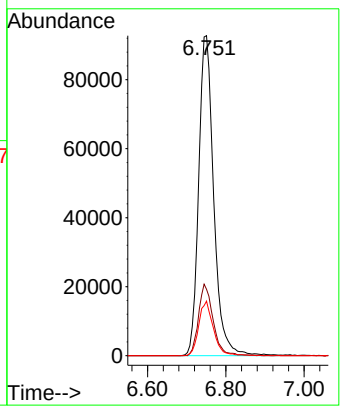


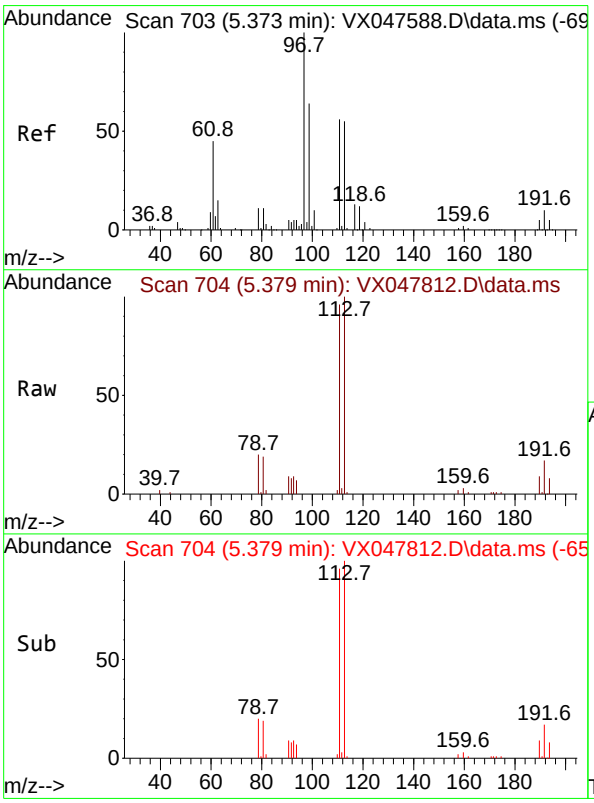
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250916

Tgt Ion:114 Resp: 248243

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	44.0
88	17.0	0.0	34.2

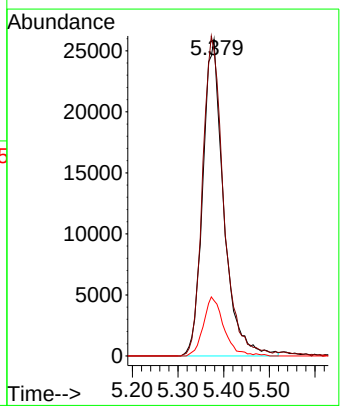


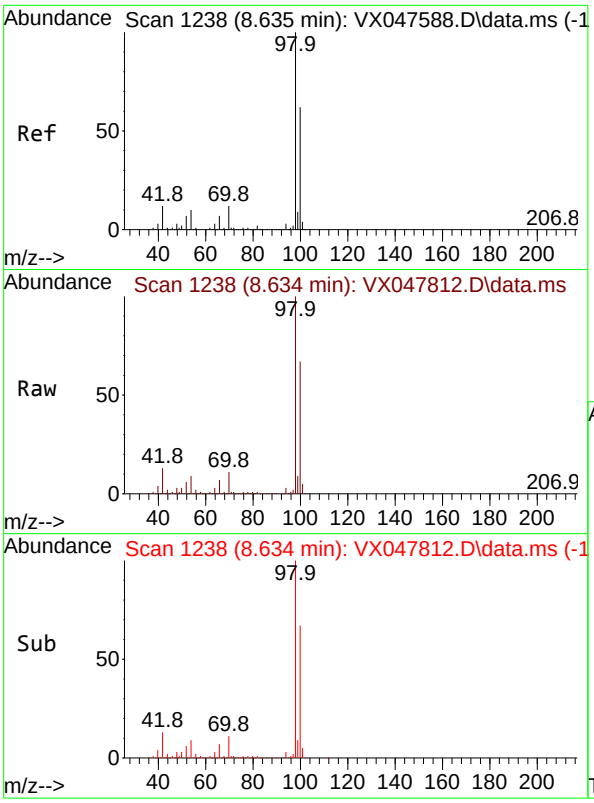


#35
Dibromofluoromethane
Concen: 49.376 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Tgt Ion:113 Resp: 82203

Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.9	121.3
192	18.1	14.2	21.4



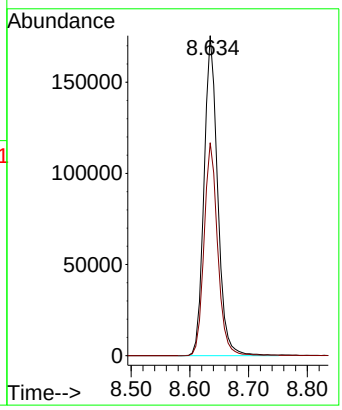


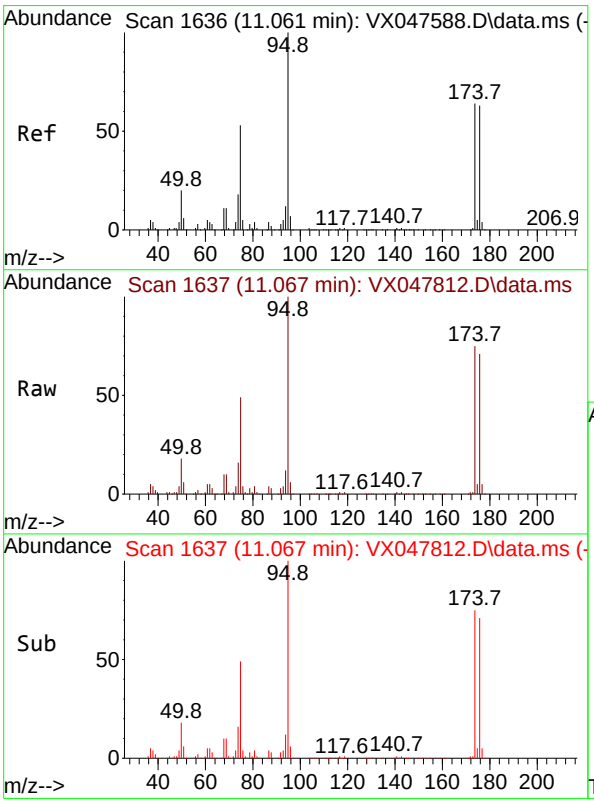
#50
Toluene-d8
Concen: 49.118 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250916

Tgt Ion: 98 Resp: 282956

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4

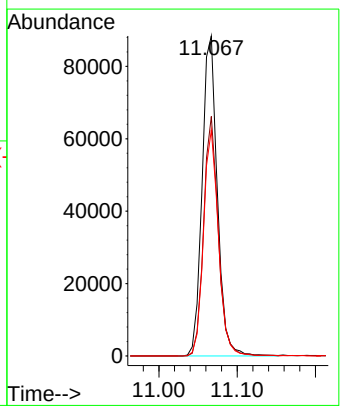


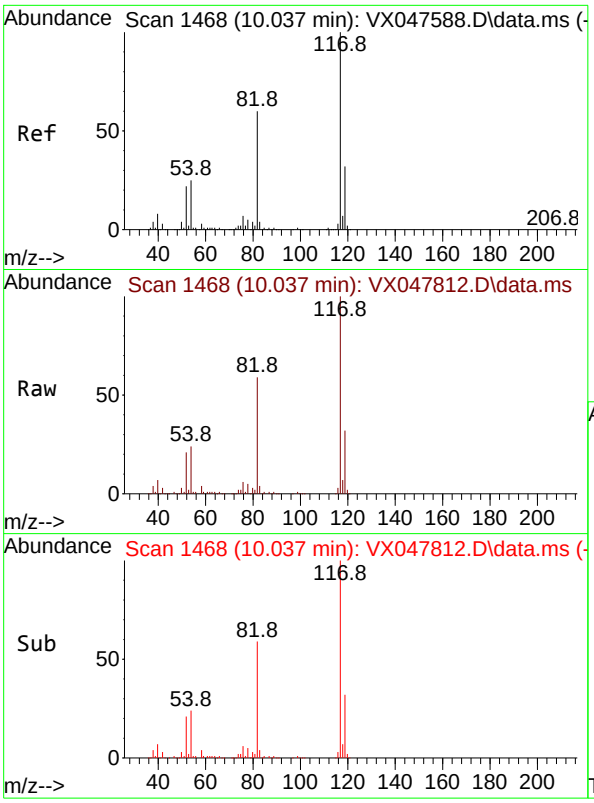


#62
4-Bromofluorobenzene
Concen: 54.445 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Tgt Ion: 95 Resp: 119034

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	141.6
176	69.3	0.0	138.4



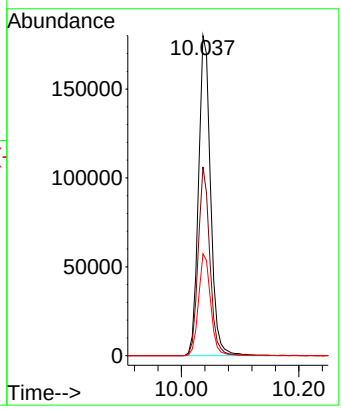


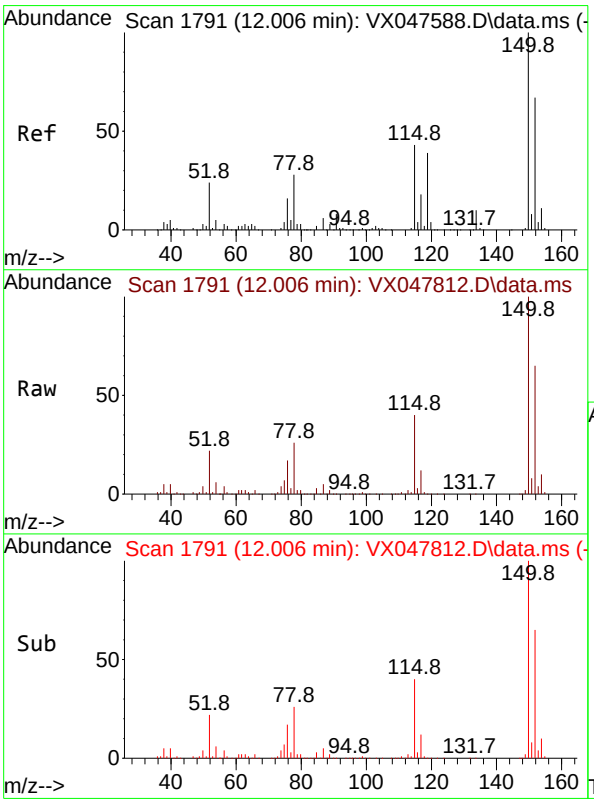
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250916

Tgt Ion:117 Resp: 257163

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.8	71.6
119	31.9	25.2	37.8

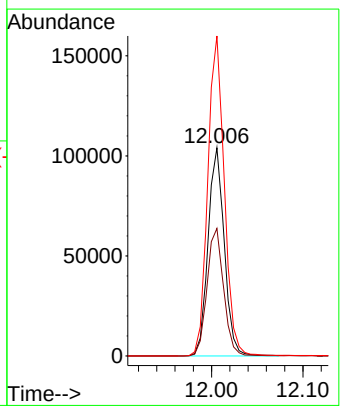




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047812.D
Acq: 25 Sep 2025 15:17

Tgt Ion:152 Resp: 128330

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.9	134.5
150	157.3	0.0	352.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-8-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-10	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:	Date Analyzed	Prep Batch ID
VX047813.D	1	09/25/25 15:38	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

Raw Data: **VX047813.D**

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-8-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-10	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:	Date Analyzed	Prep Batch ID
VX047813.D	1	09/25/25 15:38	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.0		81 - 118		104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		80 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	48.7		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.7		85 - 114		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	119000	5.538				
540-36-3	1,4-Difluorobenzene	250000	6.745				
3114-55-4	Chlorobenzene-d5	258000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	128000	12.006				

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-8-20250916	SDG No.:	Q3128
Lab Sample ID:	Q3128-10	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:	Date Analyzed	Prep Batch ID
VX047813.D	1	09/25/25 15:38	VX092525

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\VX092525\
Data File : VX047813.D
Acq On : 25 Sep 2025 15:38
Operator : JC/MD
Sample : Q3128-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250916

Quant Time: Sep 26 01:29:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

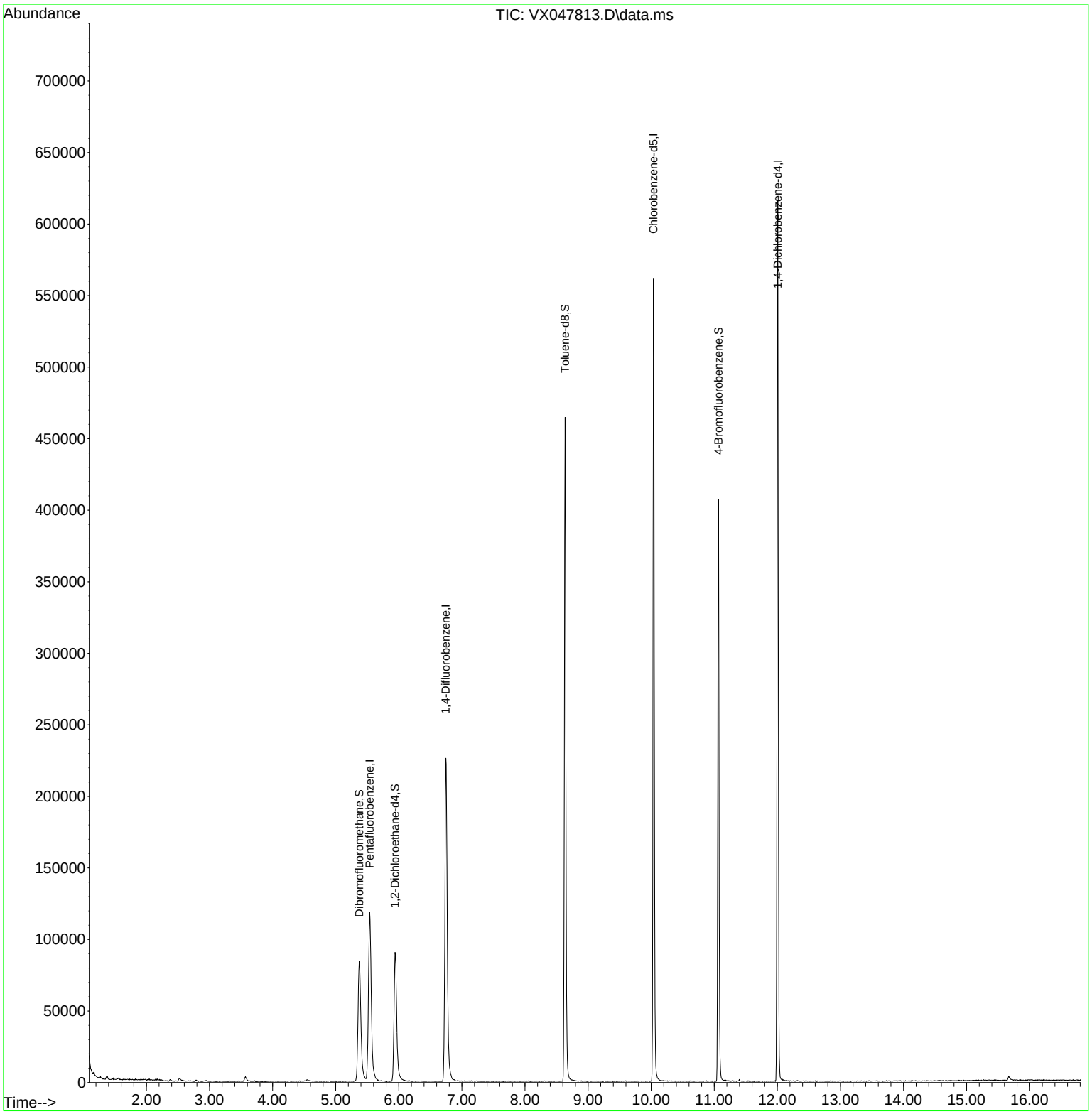
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	119014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	249986	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98487	51.988	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.980%			
35) Dibromofluoromethane	5.373	113	83577	49.851	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.700%			
50) Toluene-d8	8.635	98	282682	48.728	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.460%			
62) 4-Bromofluorobenzene	11.067	95	118204	53.689	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.380%			
Target Compounds						Qvalue

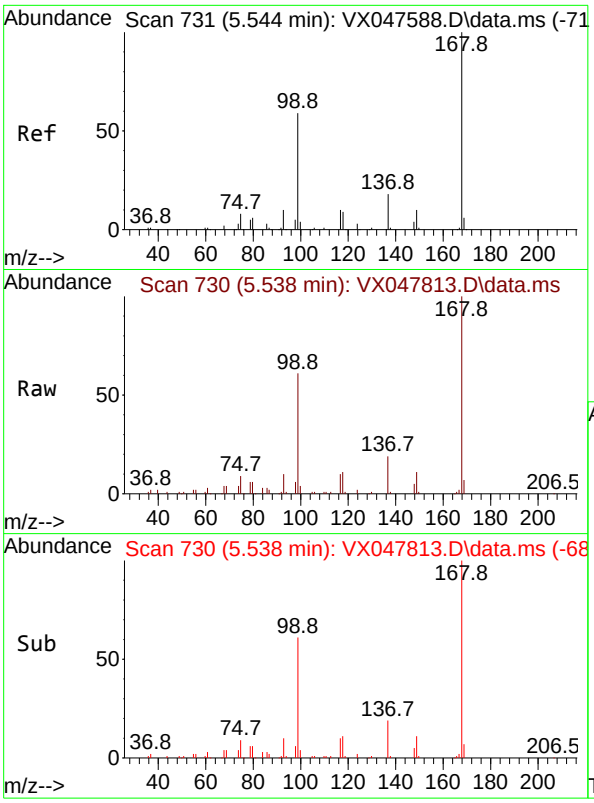
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047813.D
Acq On : 25 Sep 2025 15:38
Operator : JC/MD
Sample : Q3128-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250916

Quant Time: Sep 26 01:29:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



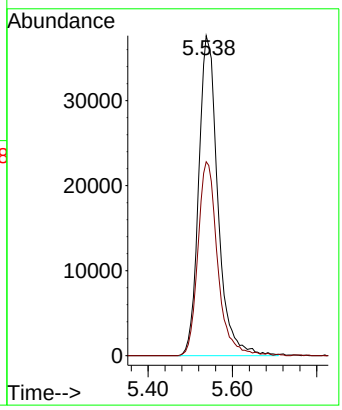


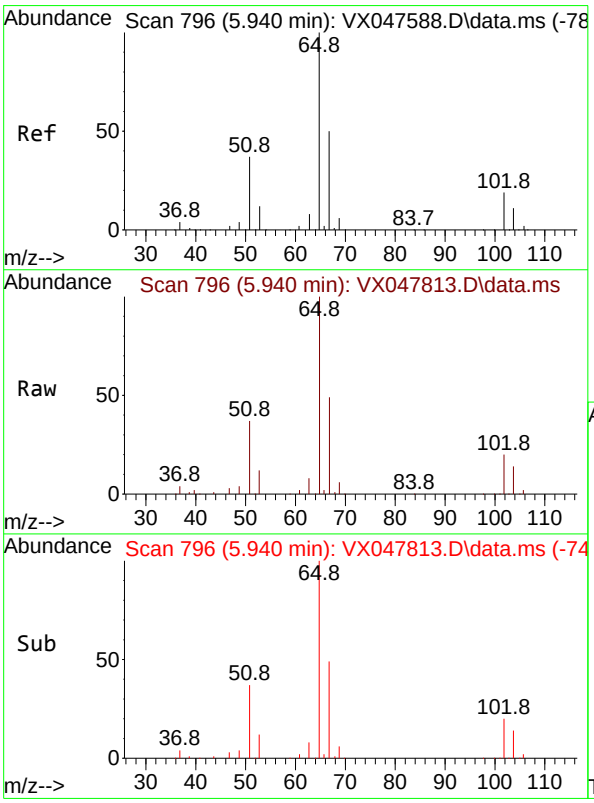
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250916

Tgt Ion:168 Resp: 119014

Ion	Ratio	Lower	Upper
168	100		
99	60.6	48.8	73.2

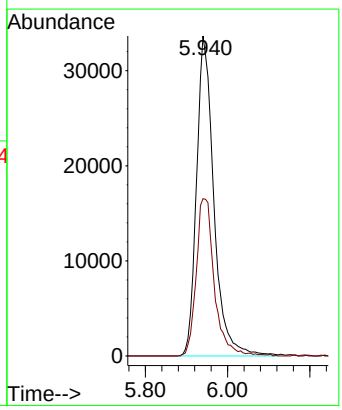


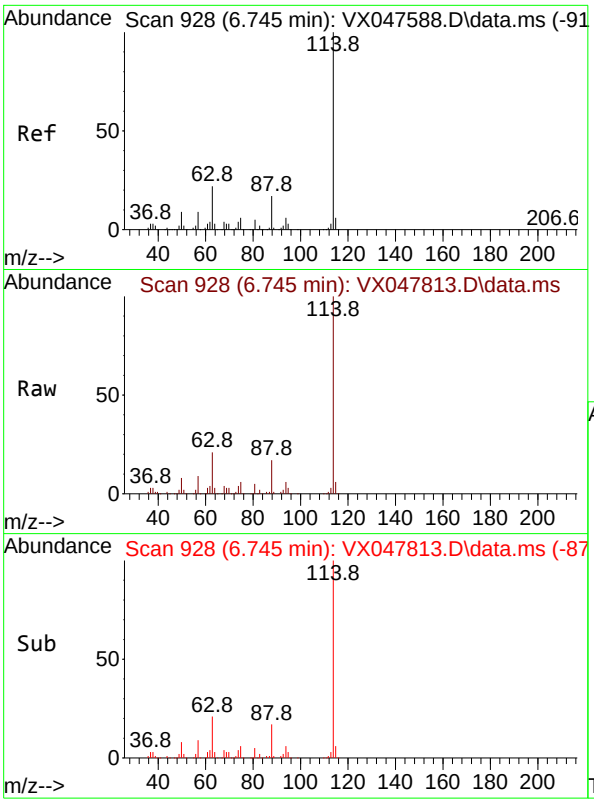


#33
1,2-Dichloroethane-d4
Concen: 51.988 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

Tgt Ion: 65 Resp: 98487

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0



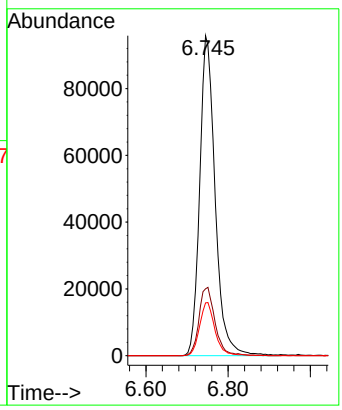


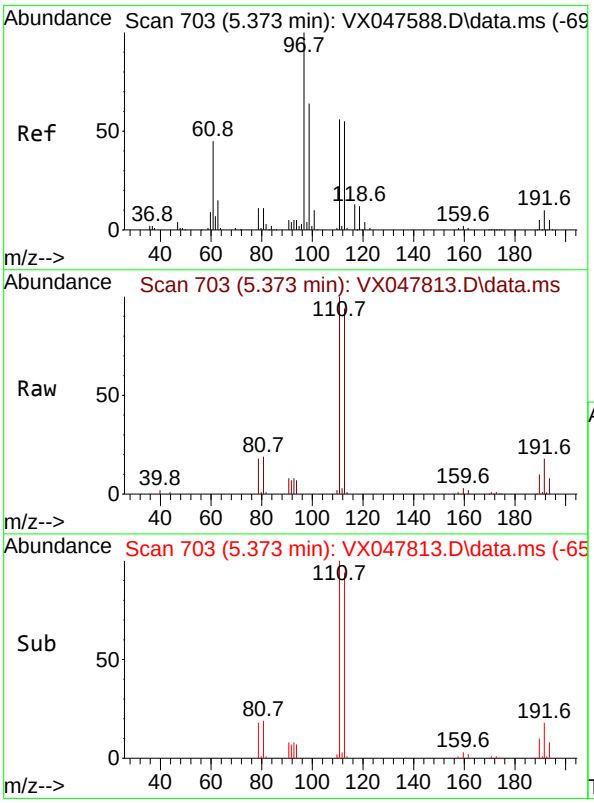
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250916

Tgt Ion:114 Resp: 249986

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.0
88	16.5	0.0	34.2

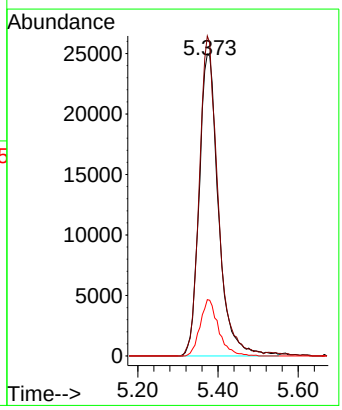


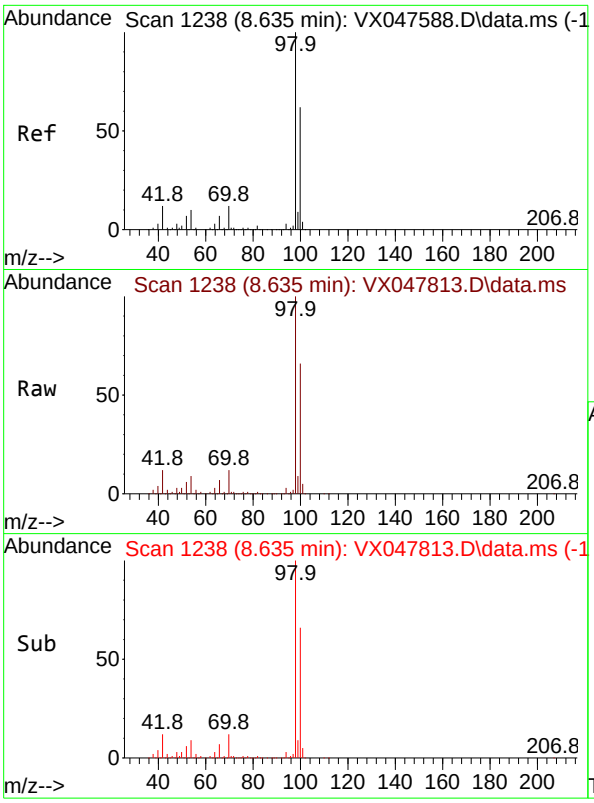


#35
Dibromofluoromethane
Concen: 49.851 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

Tgt Ion:113 Resp: 83577

Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.9	121.3
192	17.7	14.2	21.4



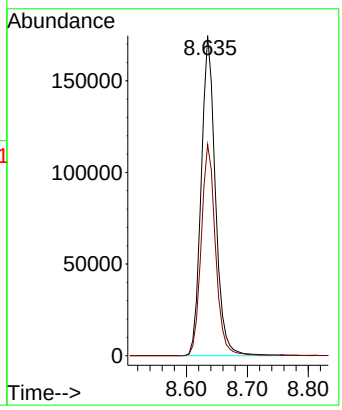


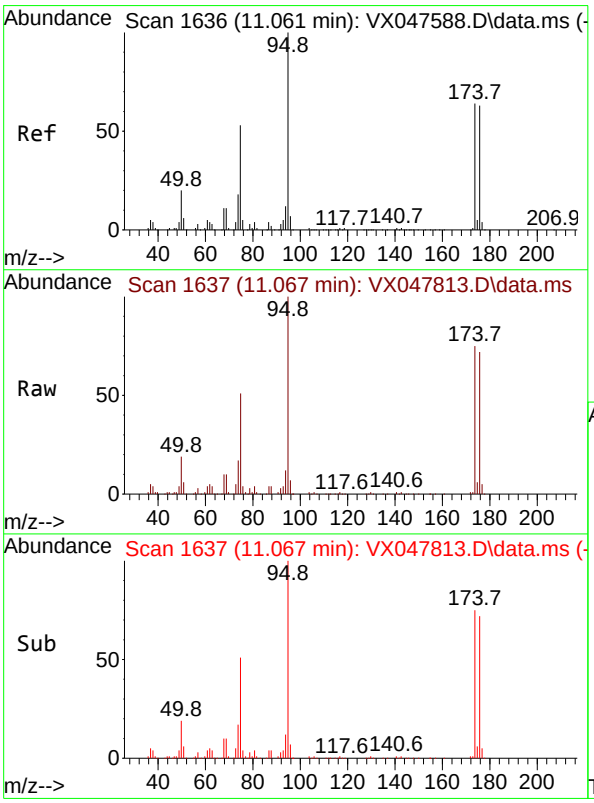
#50
Toluene-d8
Concen: 48.728 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250916

Tgt Ion: 98 Resp: 282682

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

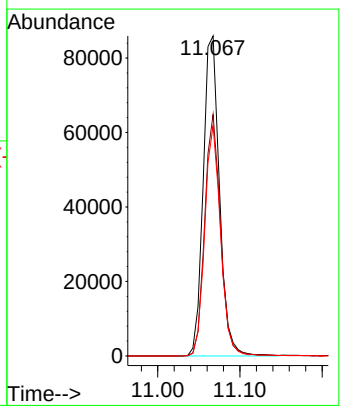


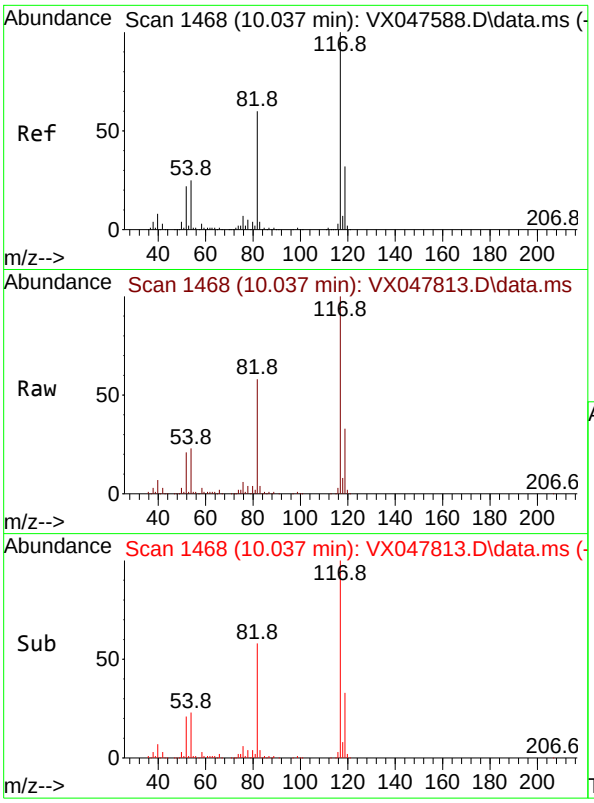


#62
4-Bromofluorobenzene
Concen: 53.689 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

Tgt Ion: 95 Resp: 118204

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	141.6
176	70.2	0.0	138.4



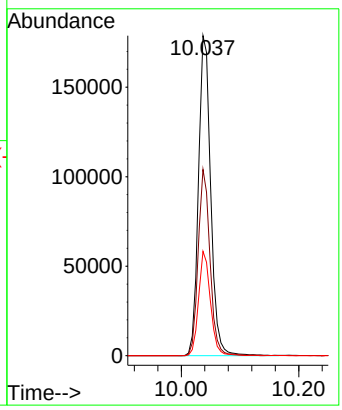


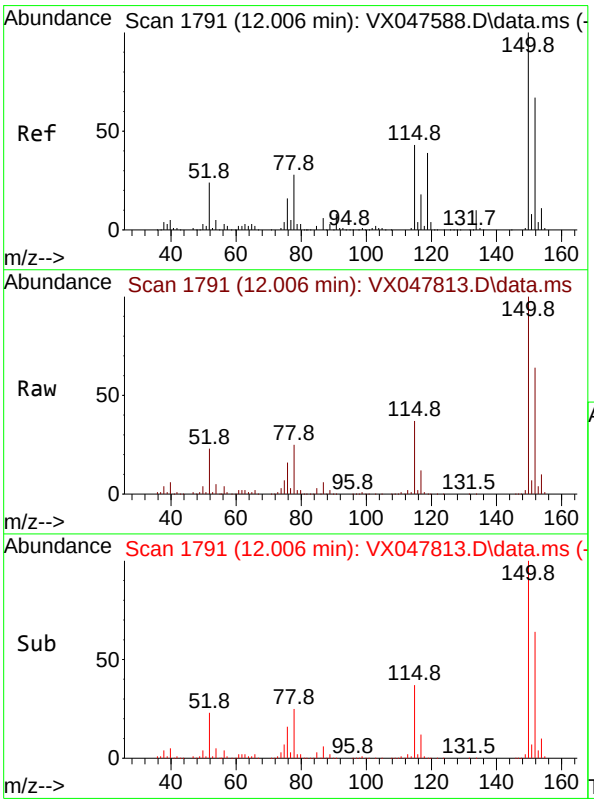
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250916

Tgt Ion:117 Resp: 257664

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.8	71.6
119	32.6	25.2	37.8

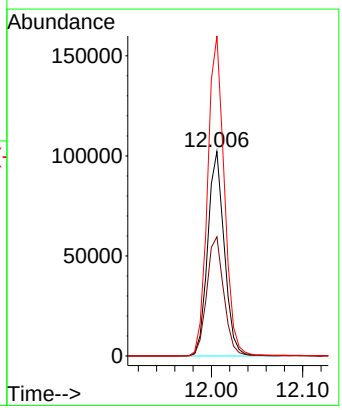




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

Tgt Ion:152 Resp: 128316

Ion	Ratio	Lower	Upper
152	100		
115	60.2	44.9	134.5
150	158.3	0.0	352.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-7-20250917	SDG No.:	Q3128
Lab Sample ID:	Q3128-11	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:	Date Analyzed	Prep Batch ID
VX047814.D	1	09/25/25 15:59	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-7-20250917	SDG No.:	Q3128
Lab Sample ID:	Q3128-11	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:	Date Analyzed	Prep Batch ID
VX047814.D	1	09/25/25 15:59	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.4		81 - 118		101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	49.4		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.8		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	120000	5.537				
540-36-3	1,4-Difluorobenzene	249000	6.751				
3114-55-4	Chlorobenzene-d5	255000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	128000	12.006				

Raw Data: **VX047814.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-7-20250917	SDG No.:	Q3128
Lab Sample ID:	Q3128-11	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:	Date Analyzed	Prep Batch ID
VX047814.D	1	09/25/25 15:59	VX092525

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\VX092525\
Data File : VX047814.D
Acq On : 25 Sep 2025 15:59
Operator : JC/MD
Sample : Q3128-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250917

Quant Time: Sep 26 01:30:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

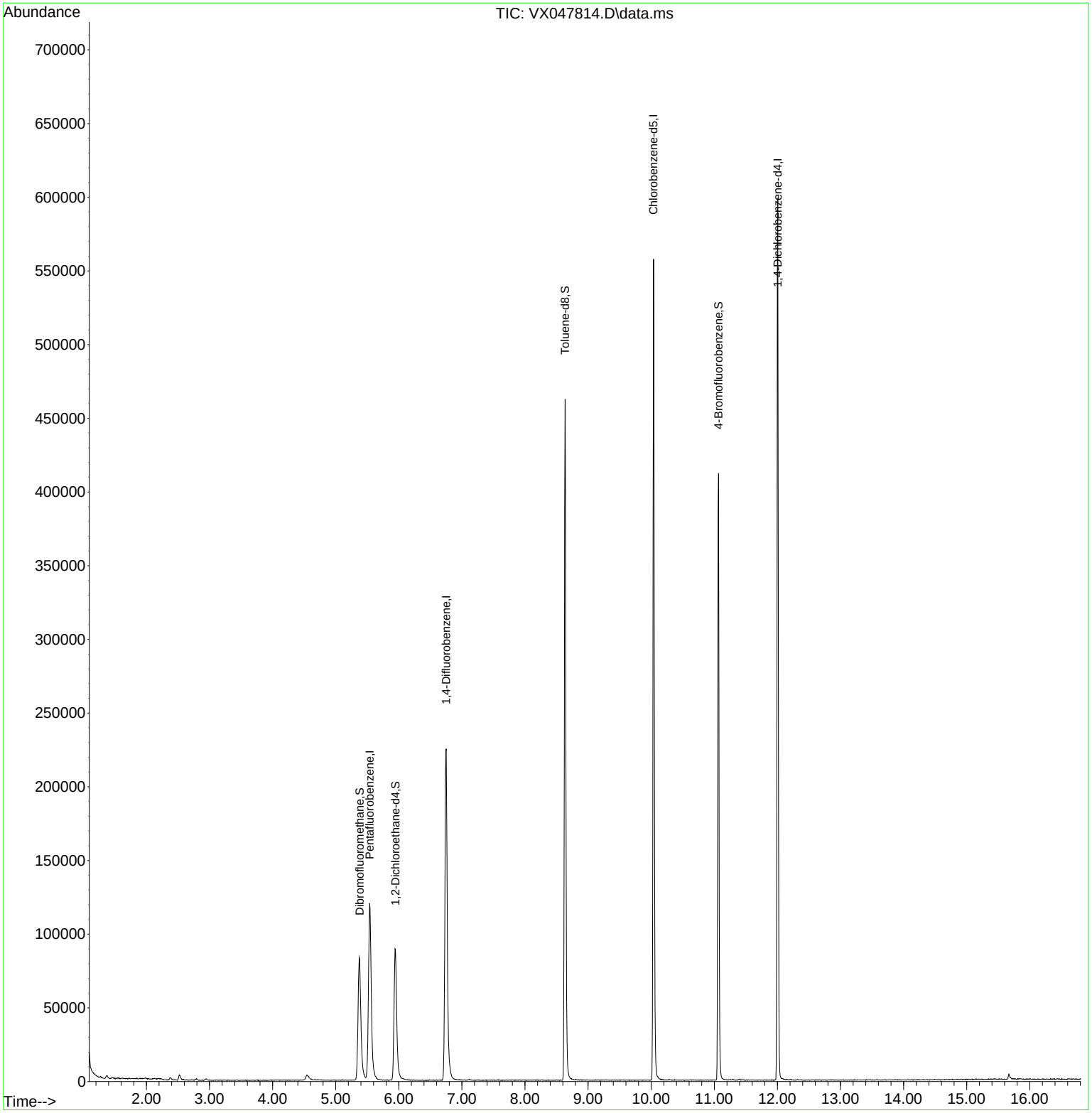
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	119857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	249353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	255198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96236	50.443	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.880%			
35) Dibromofluoromethane	5.379	113	82824	49.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.060%			
50) Toluene-d8	8.634	98	285778	49.387	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.780%			
62) 4-Bromofluorobenzene	11.067	95	118204	53.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.660%			
Target Compounds						Qvalue

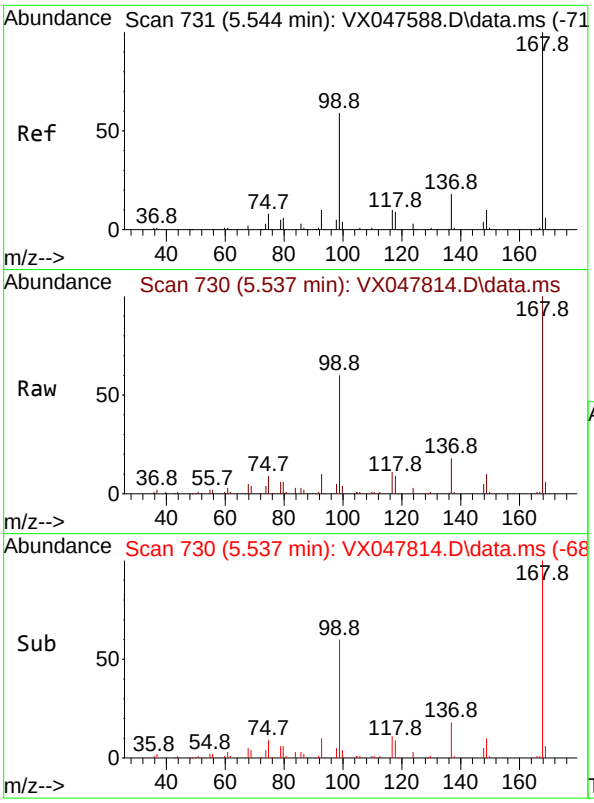
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047814.D
Acq On : 25 Sep 2025 15:59
Operator : JC/MD
Sample : Q3128-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250917

Quant Time: Sep 26 01:30:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



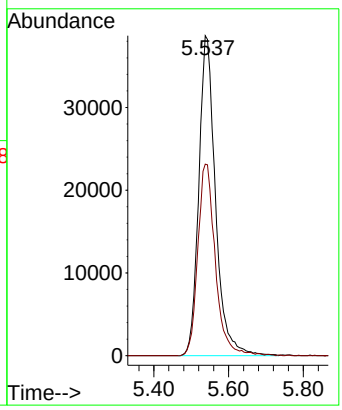


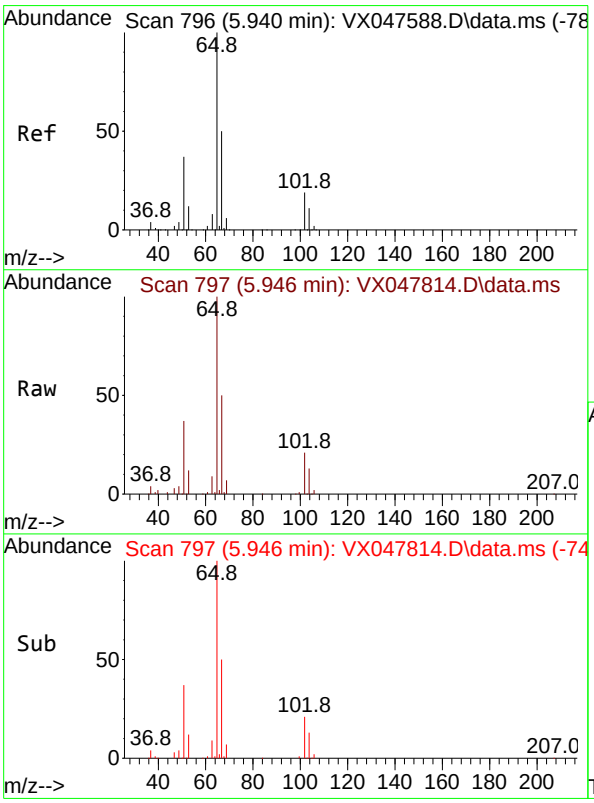
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250917

Tgt Ion:168 Resp: 119857

Ion	Ratio	Lower	Upper
168	100		
99	59.9	48.8	73.2

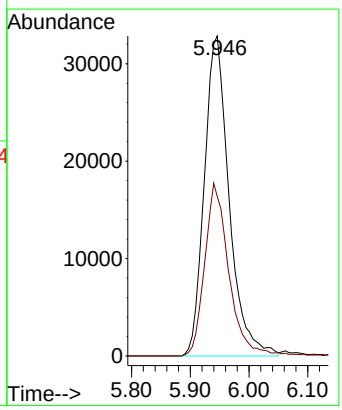


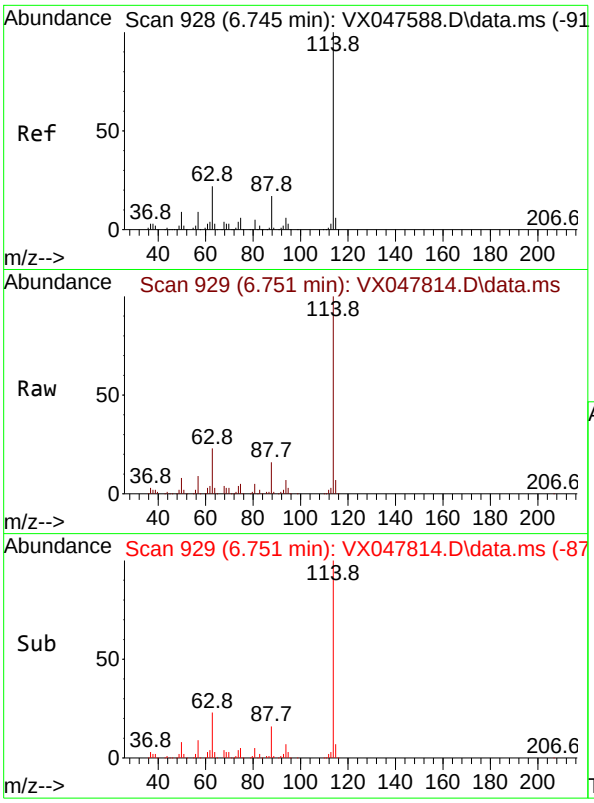


#33
1,2-Dichloroethane-d4
Concen: 50.443 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

Tgt Ion: 65 Resp: 96236

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.0



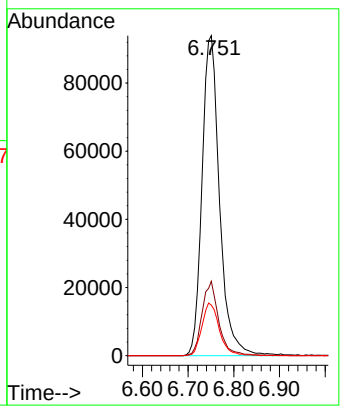


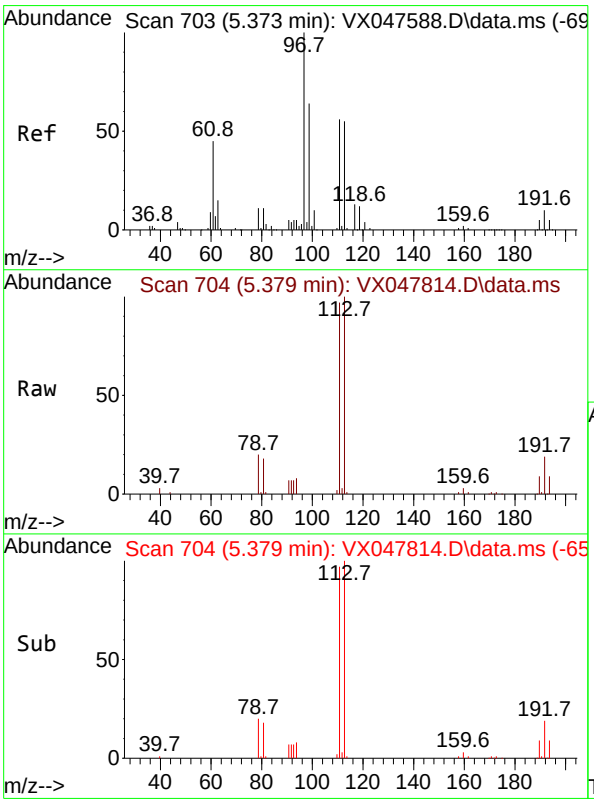
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250917

Tgt Ion:114 Resp: 249353

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	44.0
88	15.8	0.0	34.2

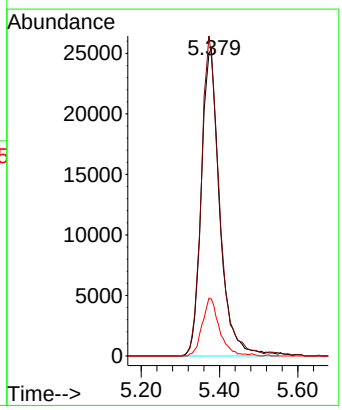


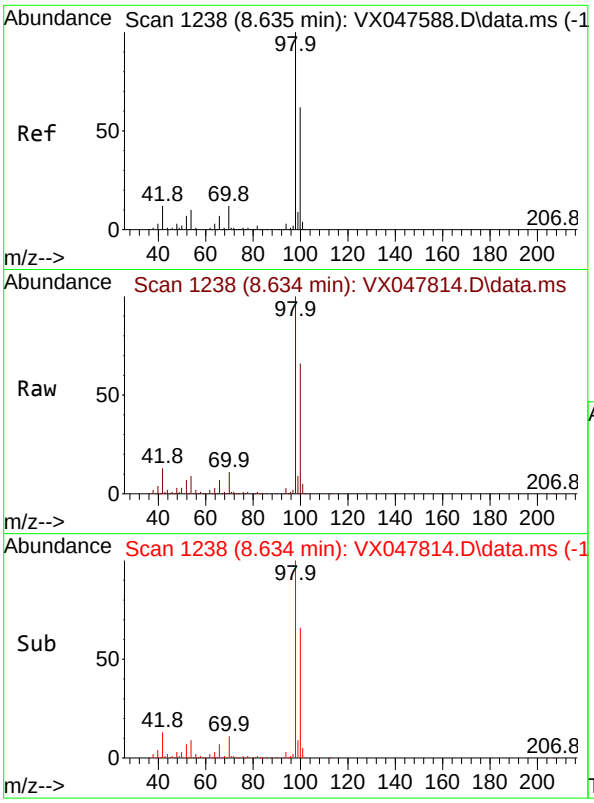


#35
Dibromofluoromethane
Concen: 49.527 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

Tgt Ion:113 Resp: 82824

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.9	121.3
192	17.5	14.2	21.4



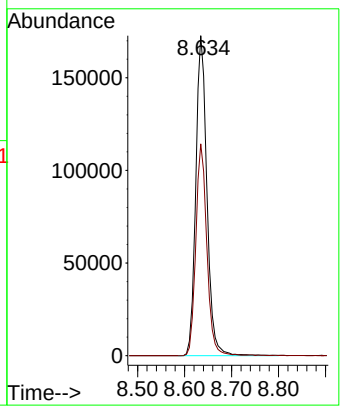


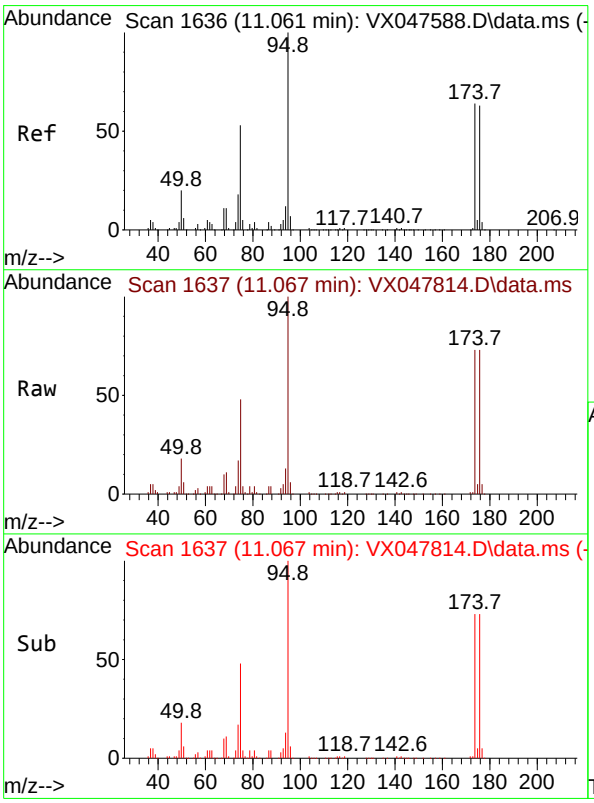
#50
Toluene-d8
Concen: 49.387 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250917

Tgt Ion: 98 Resp: 285778

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.4

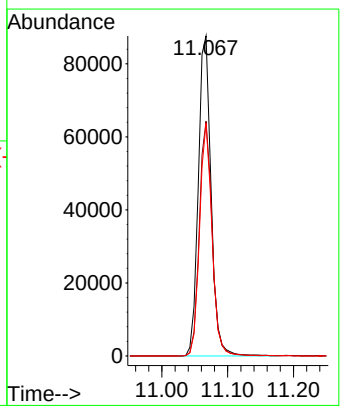


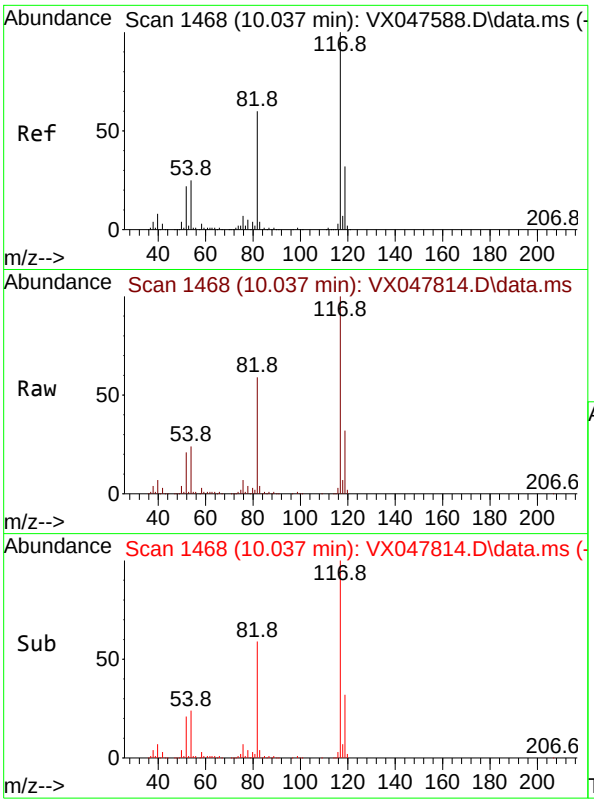


#62
4-Bromofluorobenzene
Concen: 53.825 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

Tgt Ion: 95 Resp: 118204

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	141.6
176	70.7	0.0	138.4



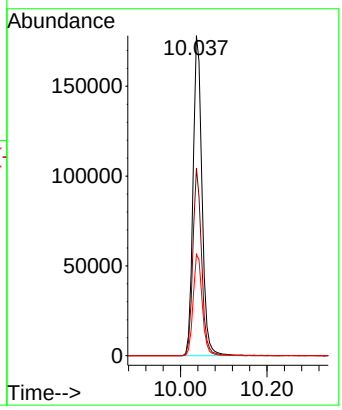


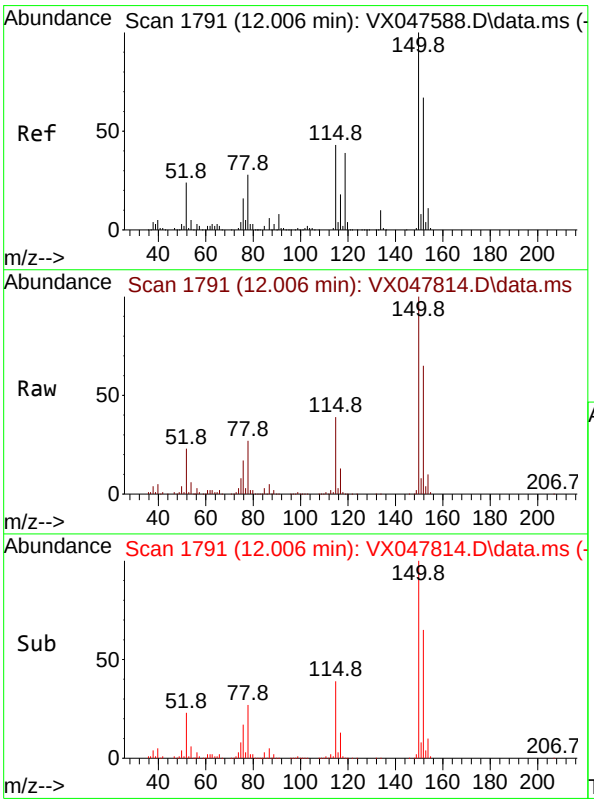
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250917

Tgt Ion:117 Resp: 255198

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.8	71.6
119	31.7	25.2	37.8

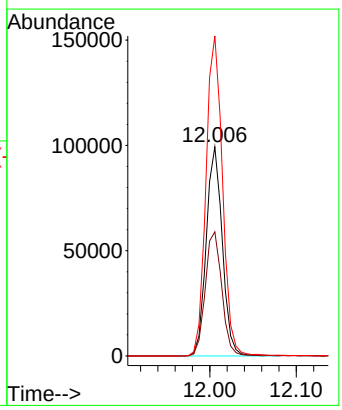




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

Tgt Ion:152 Resp: 128055

Ion	Ratio	Lower	Upper
152	100		
115	61.2	44.9	134.5
150	157.6	0.0	352.0



Raw Data: **VX047815.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-6-20250917	SDG No.:	Q3128
Lab Sample ID:	Q3128-12	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:	Date Analyzed	Prep Batch ID
VX047815.D	1	09/25/25 16:21	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-6-20250917	SDG No.:	Q3128
Lab Sample ID:	Q3128-12	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:	Date Analyzed	Prep Batch ID
VX047815.D	1	09/25/25 16:21	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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	0.33	J	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.25	J	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.9		81 - 118		110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		80 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	49.6		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.1		85 - 114		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	128000	5.537				
540-36-3	1,4-Difluorobenzene	270000	6.745				
3114-55-4	Chlorobenzene-d5	279000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	144000	12.006				

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-6-20250917	SDG No.:	Q3128
Lab Sample ID:	Q3128-12	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:	Date Analyzed	Prep Batch ID
VX047815.D	1	09/25/25 16:21	VX092525

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

Sample Results: **VX047815.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047815.D
Acq On : 25 Sep 2025 16:21
Operator : JC/MD
Sample : Q3128-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250917

Quant Time: Sep 26 01:30:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

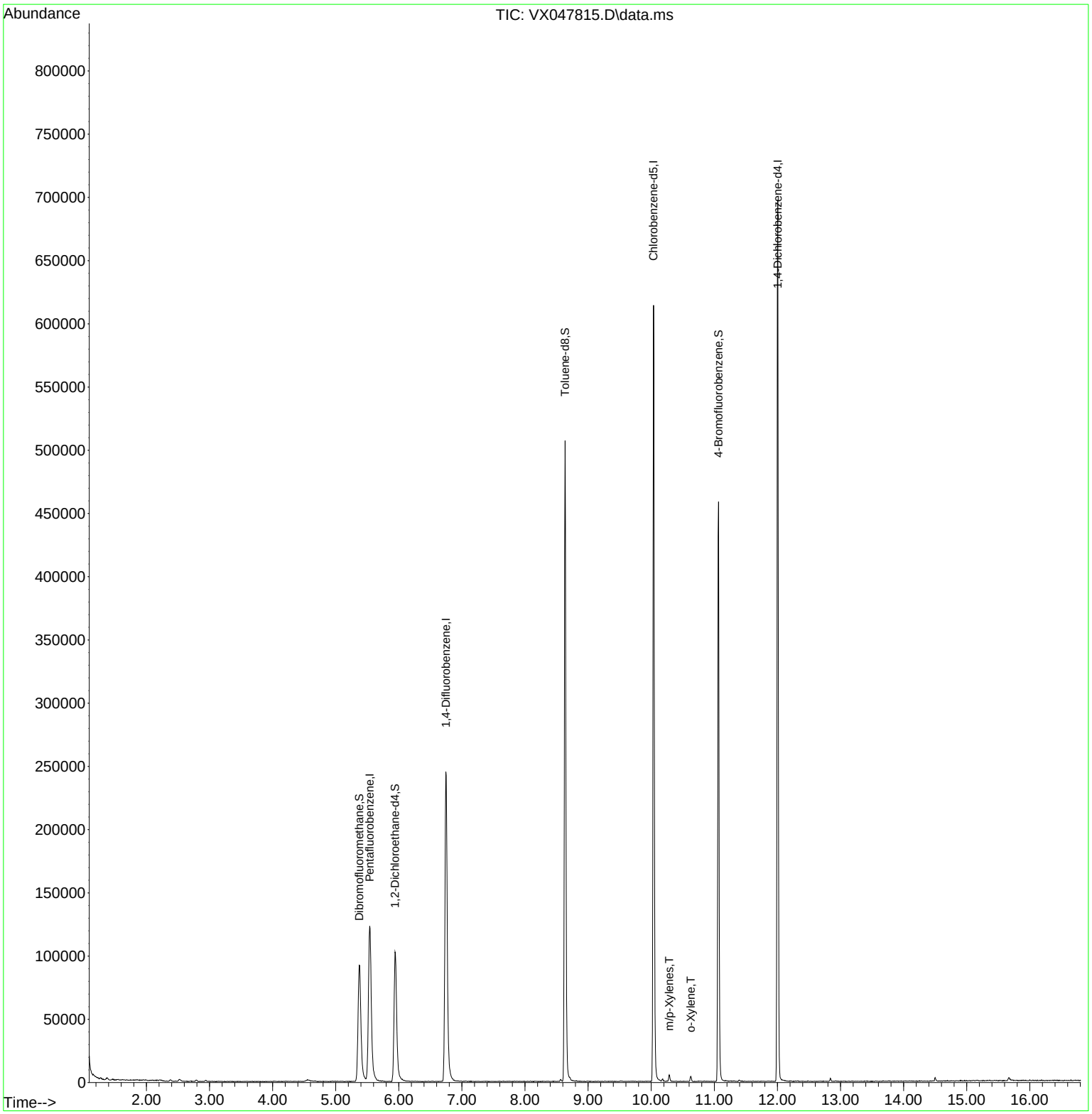
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	127711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	269892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	279053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111634	54.915	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.840%			
35) Dibromofluoromethane	5.373	113	90854	50.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.380%			
50) Toluene-d8	8.634	98	310839	49.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.260%			
62) 4-Bromofluorobenzene	11.067	95	133248	56.058	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.120%			
Target Compounds						Qvalue
68) m/p-Xylenes	10.287	106	1337	0.328	ug/l	91
69) o-Xylene	10.628	106	994	0.252	ug/l	78

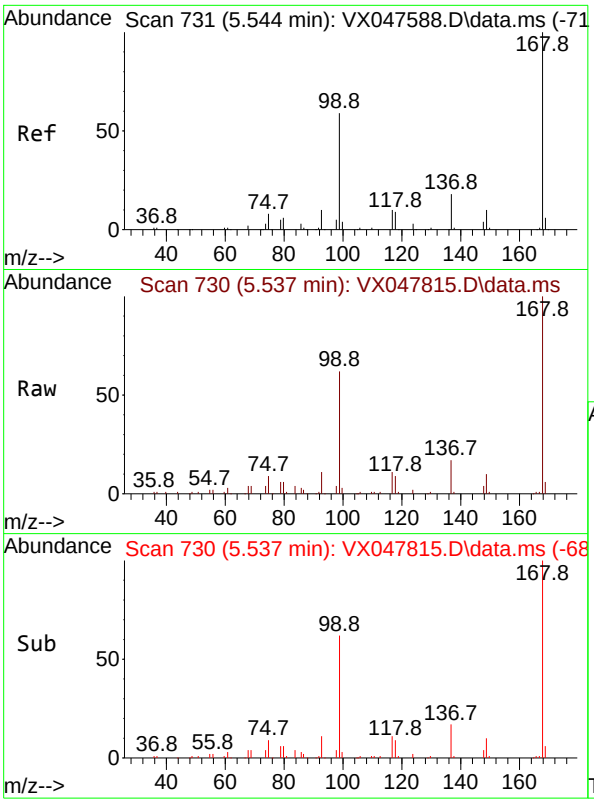
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047815.D
Acq On : 25 Sep 2025 16:21
Operator : JC/MD
Sample : Q3128-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250917

Quant Time: Sep 26 01:30:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



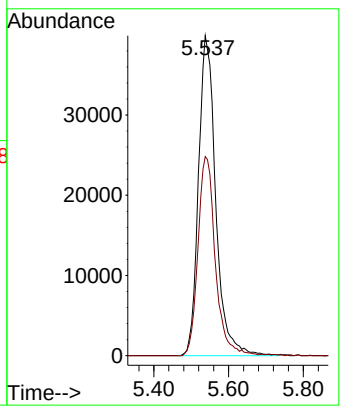


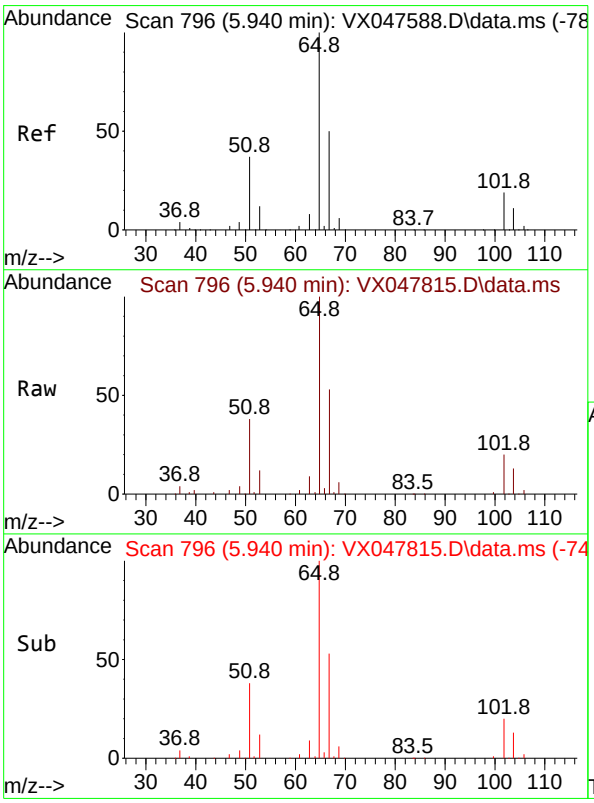
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250917

Tgt Ion:168 Resp: 127711

Ion	Ratio	Lower	Upper
168	100		
99	62.2	48.8	73.2

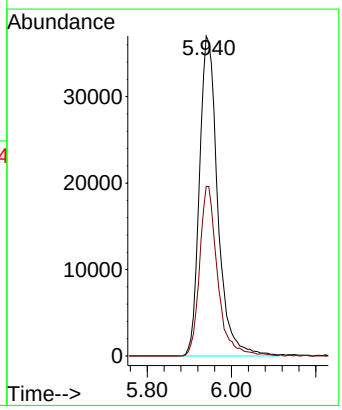


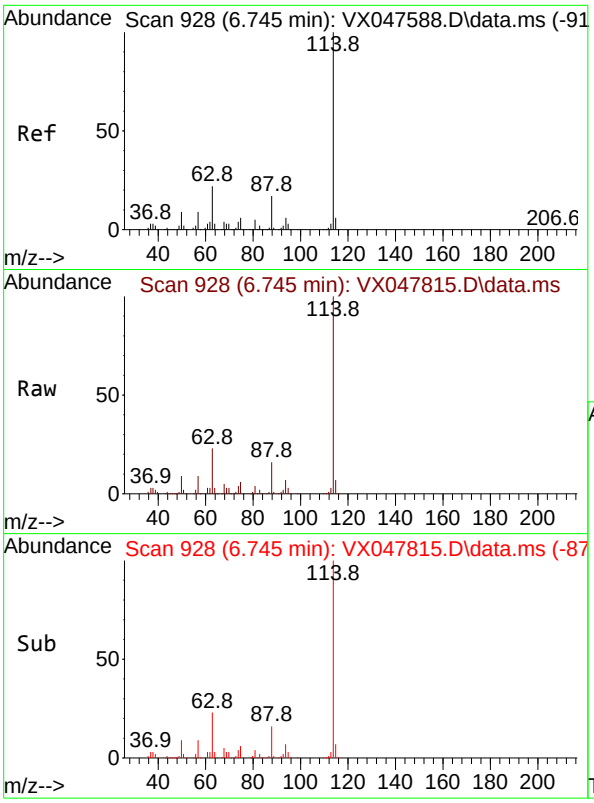


#33
1,2-Dichloroethane-d4
Concen: 54.915 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion: 65 Resp: 111634

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.0



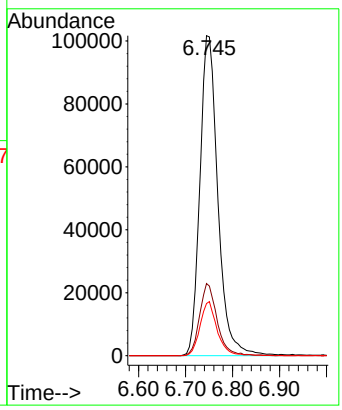


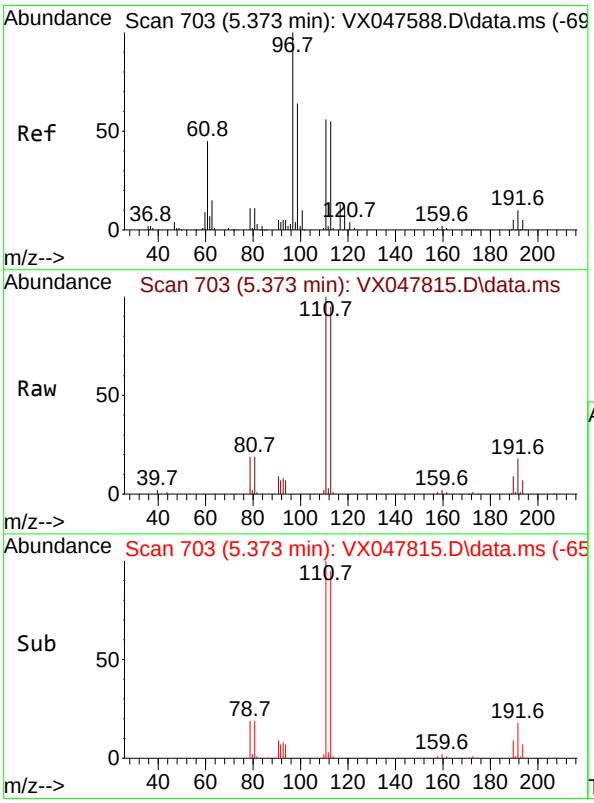
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250917

Tgt Ion:114 Resp: 269892

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	16.3	0.0	34.2

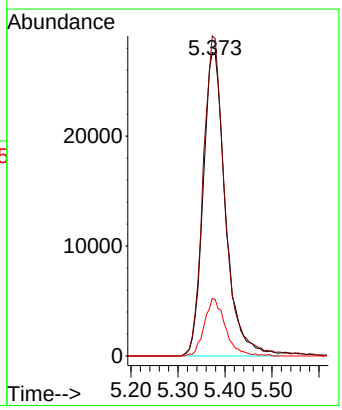


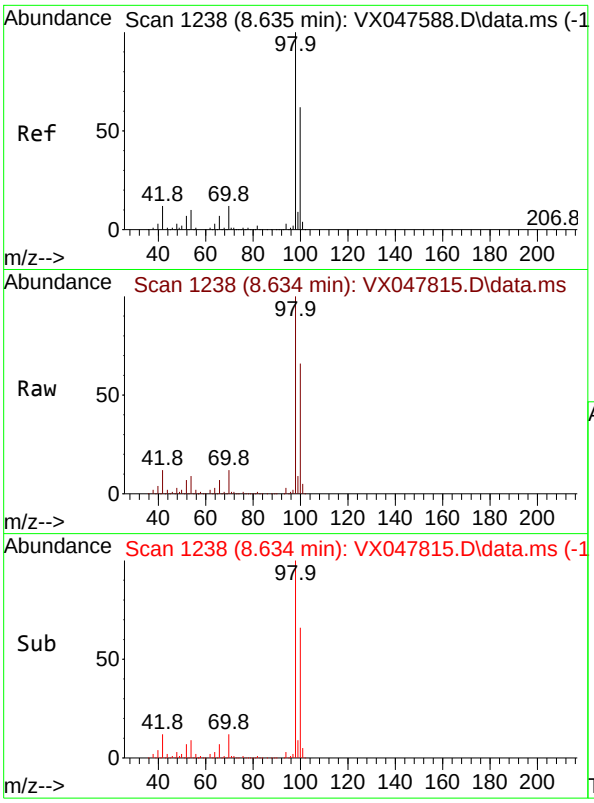


#35
Dibromofluoromethane
Concen: 50.194 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion:113 Resp: 90854

Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.9	121.3
192	18.0	14.2	21.4



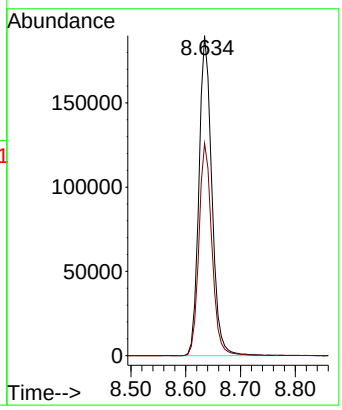


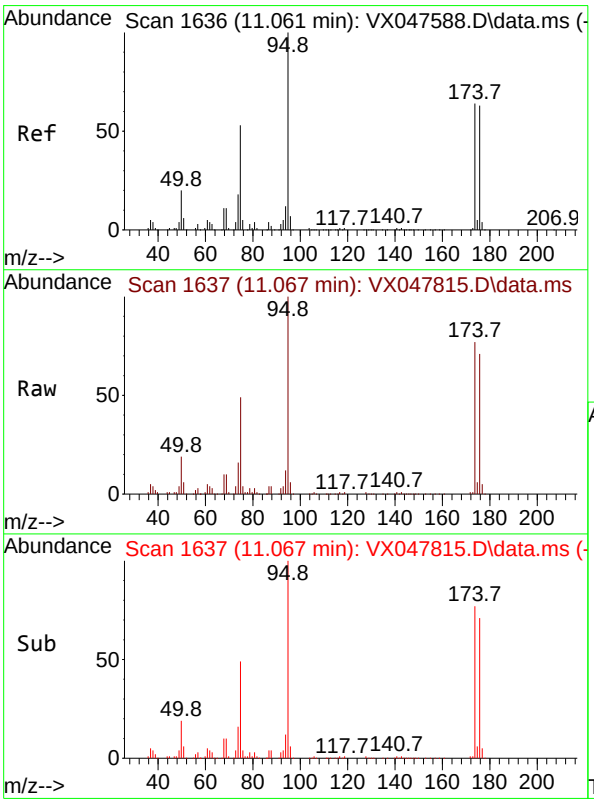
#50
Toluene-d8
Concen: 49.630 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250917

Tgt Ion: 98 Resp: 310839

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4

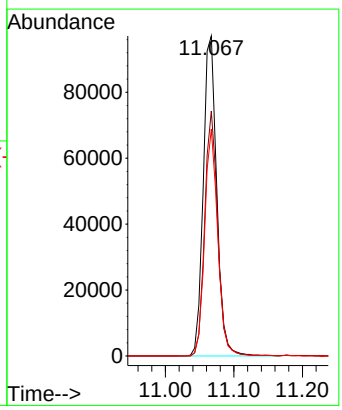


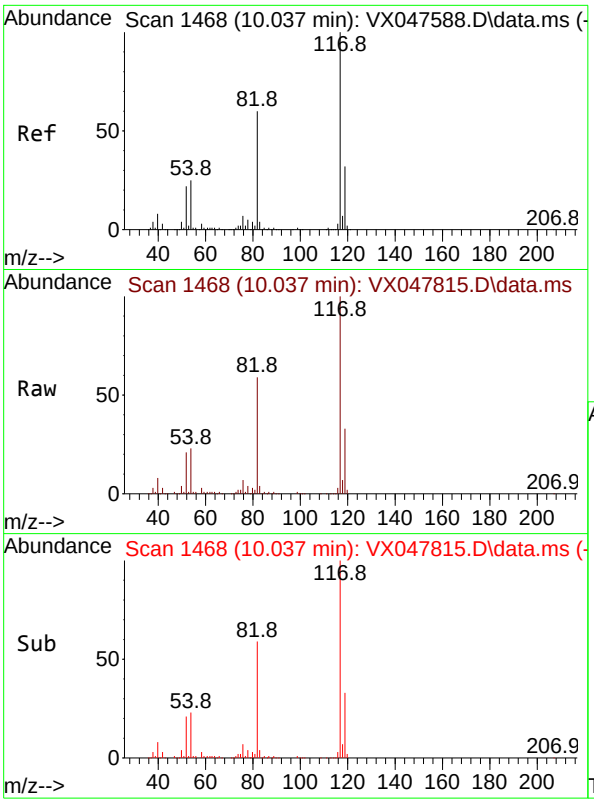


#62
4-Bromofluorobenzene
Concen: 56.058 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion: 95 Resp: 133248

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	141.6
176	68.9	0.0	138.4



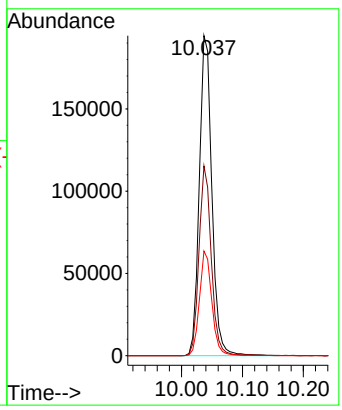


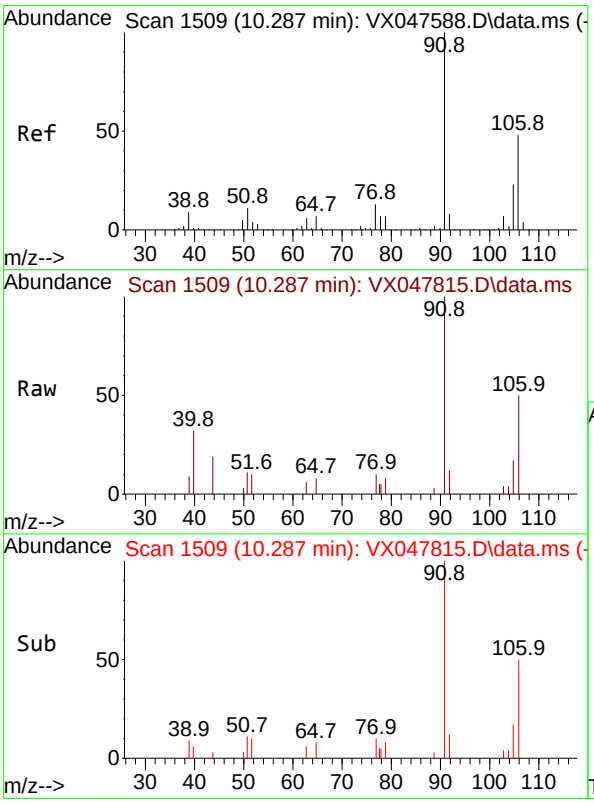
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250917

Tgt Ion:117 Resp: 279053

Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.8	71.6
119	32.7	25.2	37.8

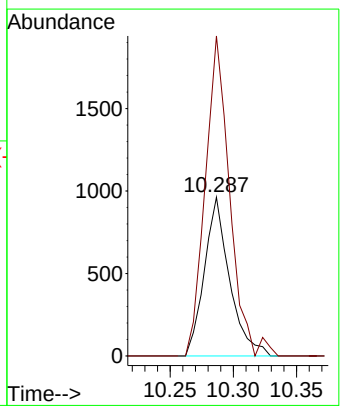


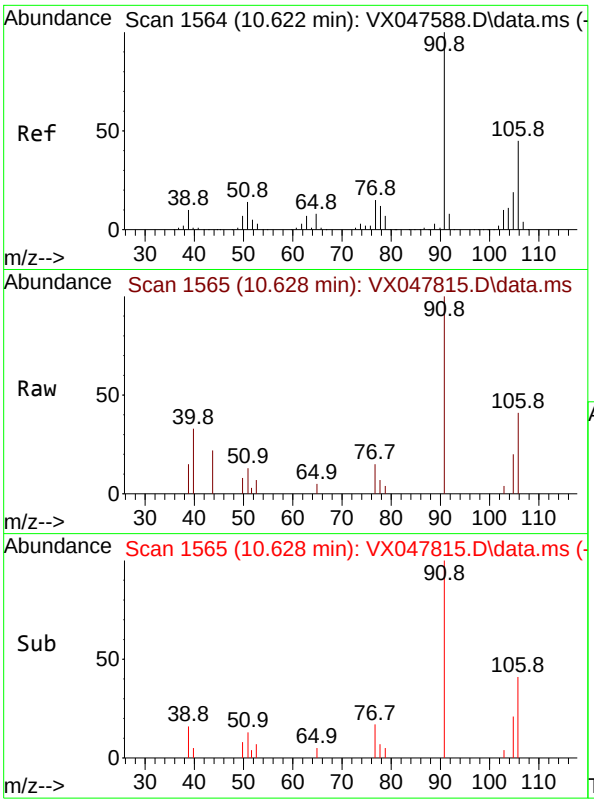


#68
m/p-Xylenes
Concen: 0.328 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion:106 Resp: 1337

Ion	Ratio	Lower	Upper
106	100		
91	195.0	167.8	251.8



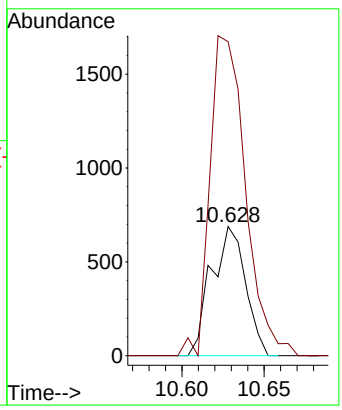


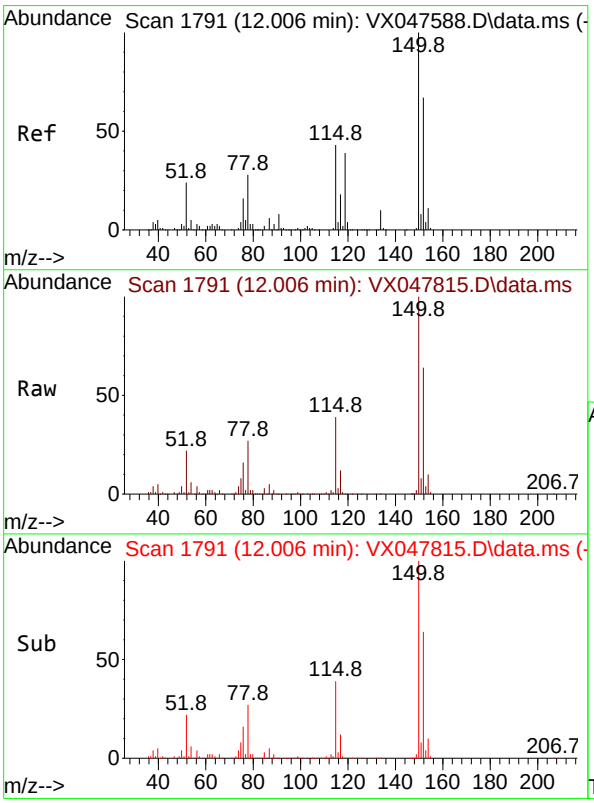
#69
o-Xylene
Concen: 0.252 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250917

Tgt Ion:106 Resp: 994

Ion	Ratio	Lower	Upper
106	100		
91	258.0	111.1	333.4

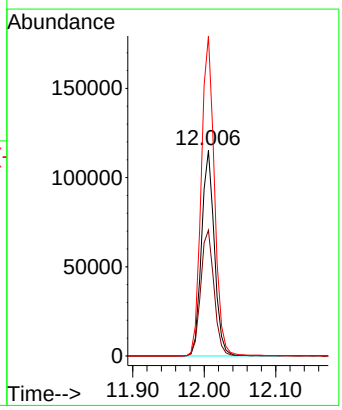




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047815.D
Acq: 25 Sep 2025 16:21

Tgt Ion:152 Resp: 143881

Ion	Ratio	Lower	Upper
152	100		
115	63.6	44.9	134.5
150	159.6	0.0	352.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-5-20250917	SDG No.:	Q3128
Lab Sample ID:	Q3128-13	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:	Date Analyzed	Prep Batch ID
VX047816.D	1	09/25/25 16:42	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

Raw Data: **VX047816.D**

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-5-20250917	SDG No.:	Q3128
Lab Sample ID:	Q3128-13	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:	Date Analyzed	Prep Batch ID
VX047816.D	1	09/25/25 16:42	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.1		81 - 118		104%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	47.3		89 - 112		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		85 - 114		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	122000	5.537				
540-36-3	1,4-Difluorobenzene	261000	6.745				
3114-55-4	Chlorobenzene-d5	264000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	132000	12.006				

Raw Data: **VX047816.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-5-20250917	SDG No.:	Q3128
Lab Sample ID:	Q3128-13	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:	Date Analyzed	Prep Batch ID
VX047816.D	1	09/25/25 16:42	VX092525

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\VX092525\
Data File : VX047816.D
Acq On : 25 Sep 2025 16:42
Operator : JC/MD
Sample : Q3128-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250917

Quant Time: Sep 26 01:31:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	121834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	260923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	263550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100979	52.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.140%			
35) Dibromofluoromethane	5.379	113	84710	48.409	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.820%			
50) Toluene-d8	8.634	98	286286	47.281	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.560%			
62) 4-Bromofluorobenzene	11.067	95	119574	52.035	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.060%			

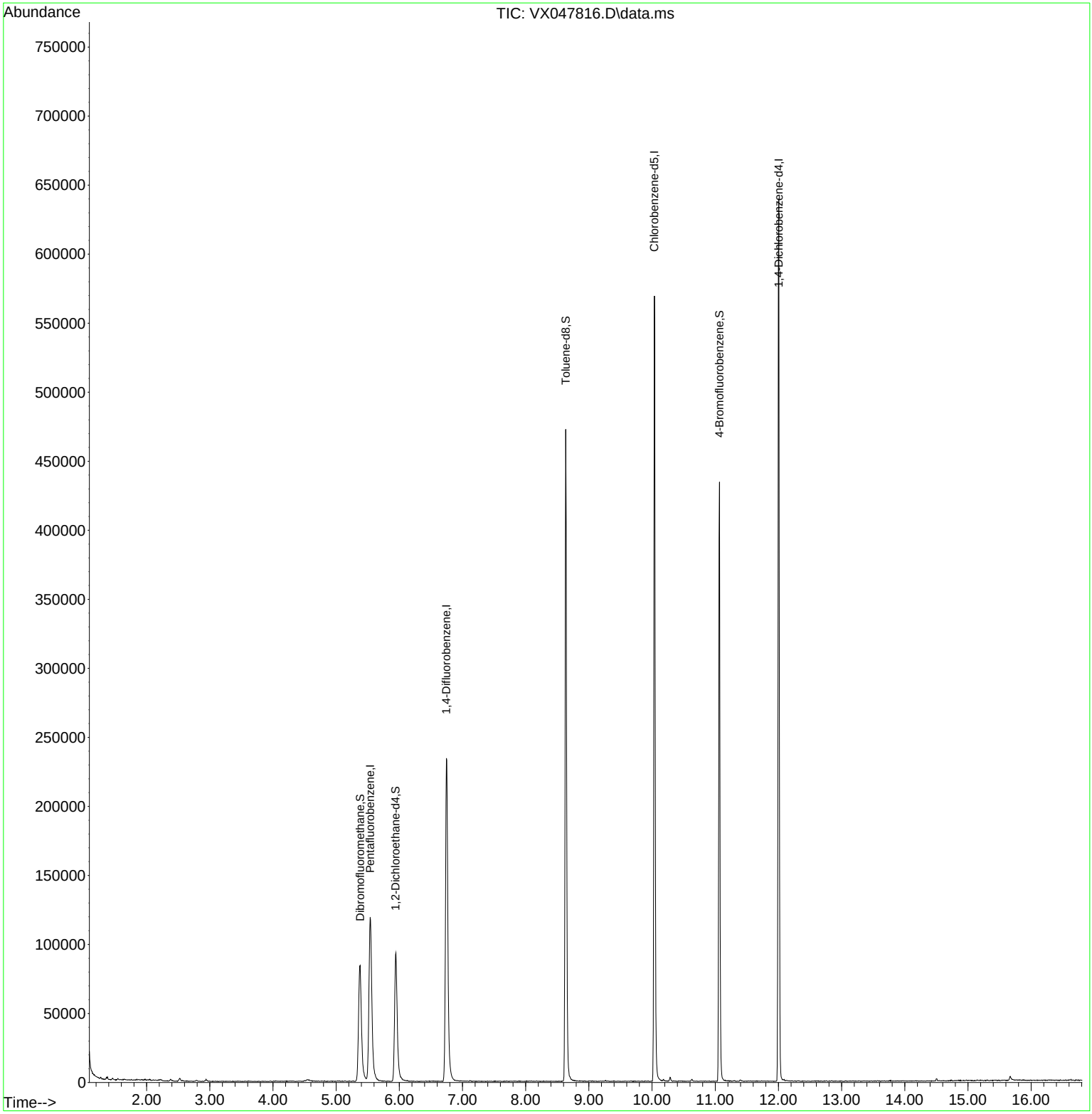
Target Compounds Qvalue

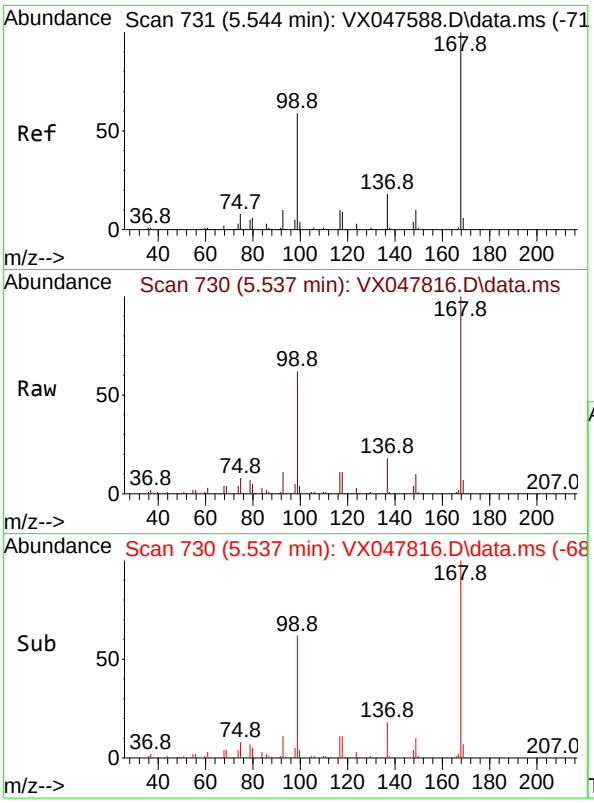
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047816.D
Acq On : 25 Sep 2025 16:42
Operator : JC/MD
Sample : Q3128-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250917

Quant Time: Sep 26 01:31:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



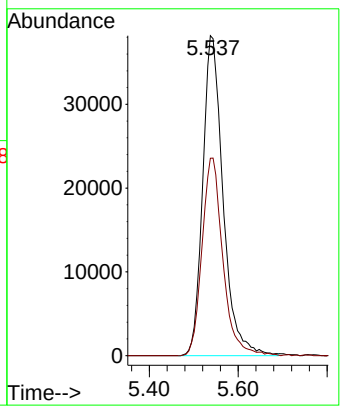


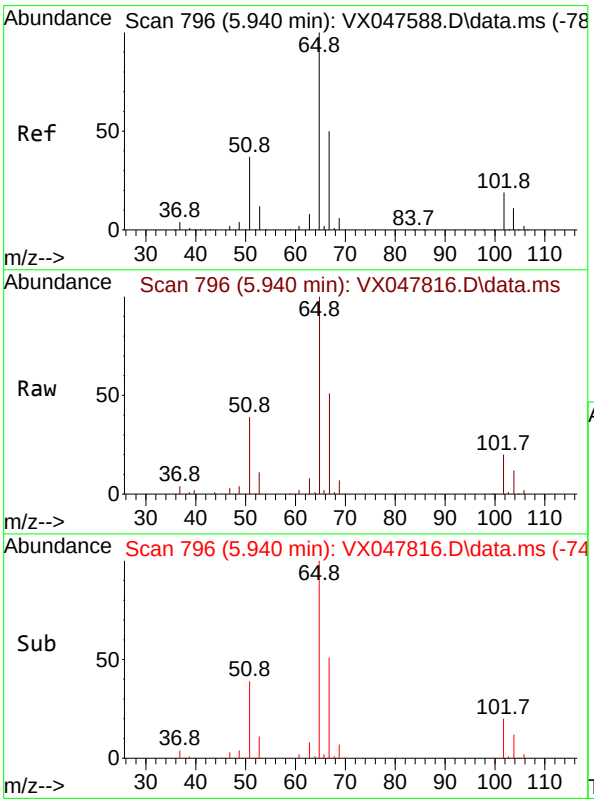
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250917

Tgt Ion:168 Resp: 121834

Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.8	73.2

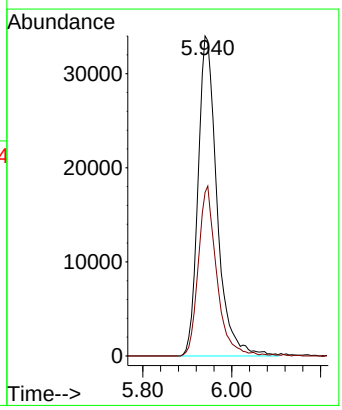


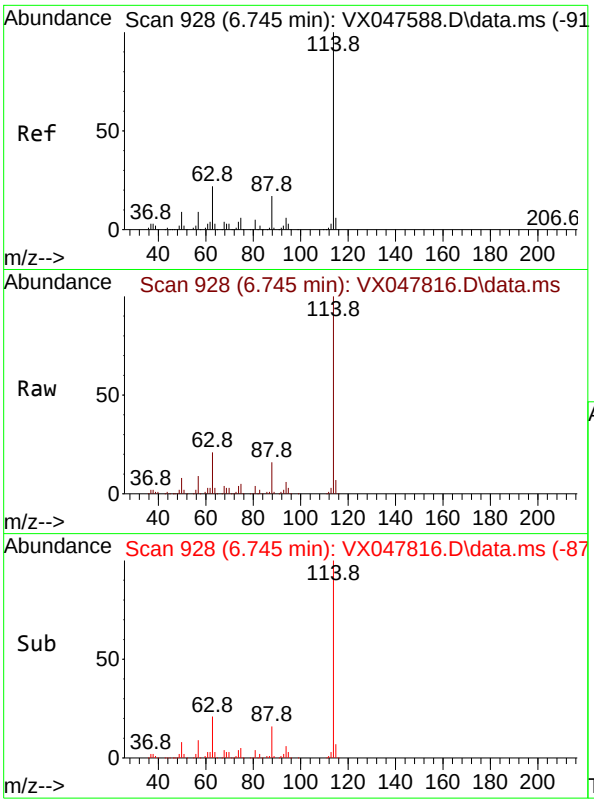


#33
1,2-Dichloroethane-d4
Concen: 52.070 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Tgt Ion: 65 Resp: 100979

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.0



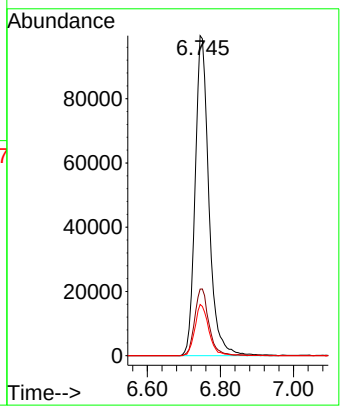


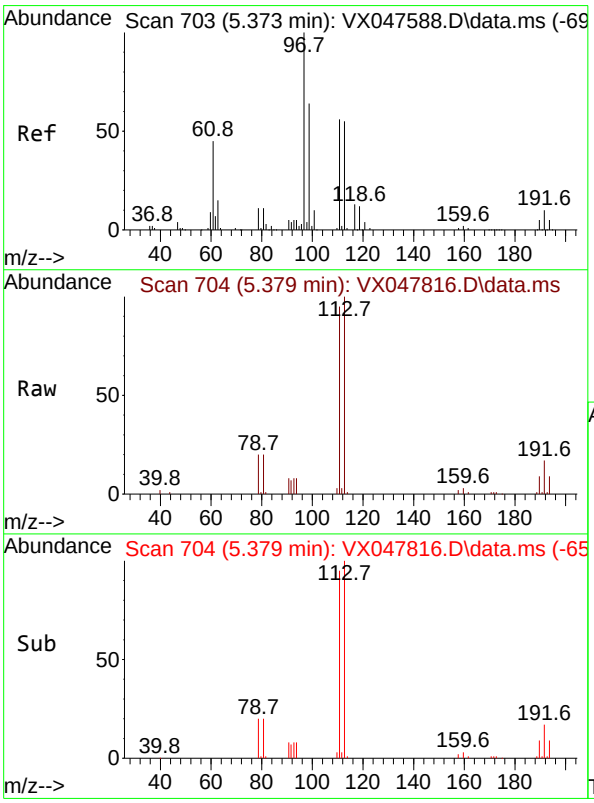
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250917

Tgt Ion:114 Resp: 260923

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	44.0
88	16.0	0.0	34.2

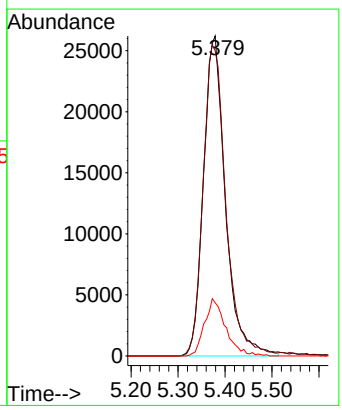


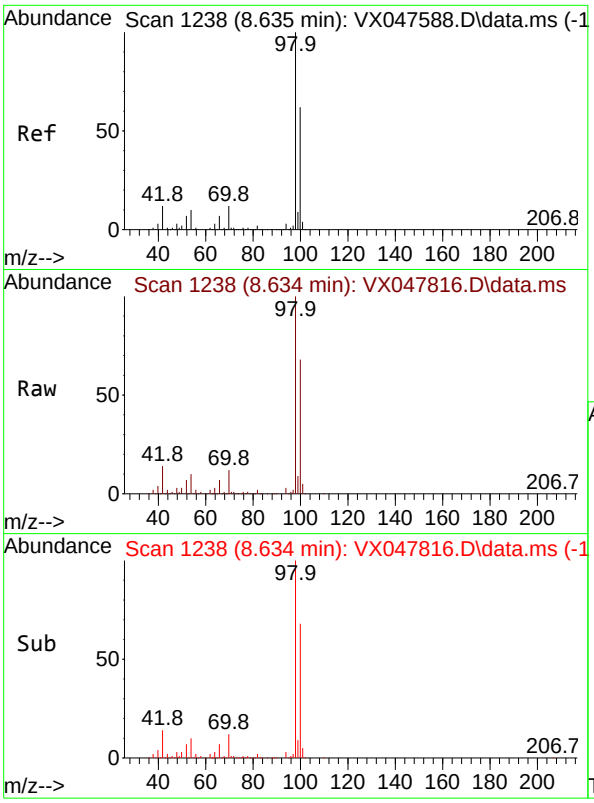


#35
Dibromofluoromethane
Concen: 48.409 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Tgt Ion:113 Resp: 84710

Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.9	121.3
192	17.0	14.2	21.4



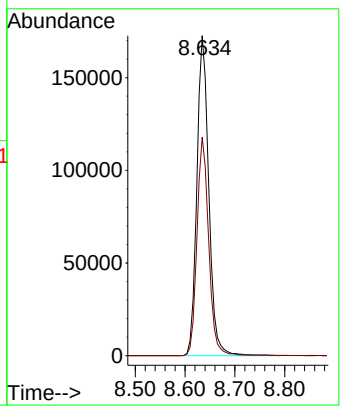


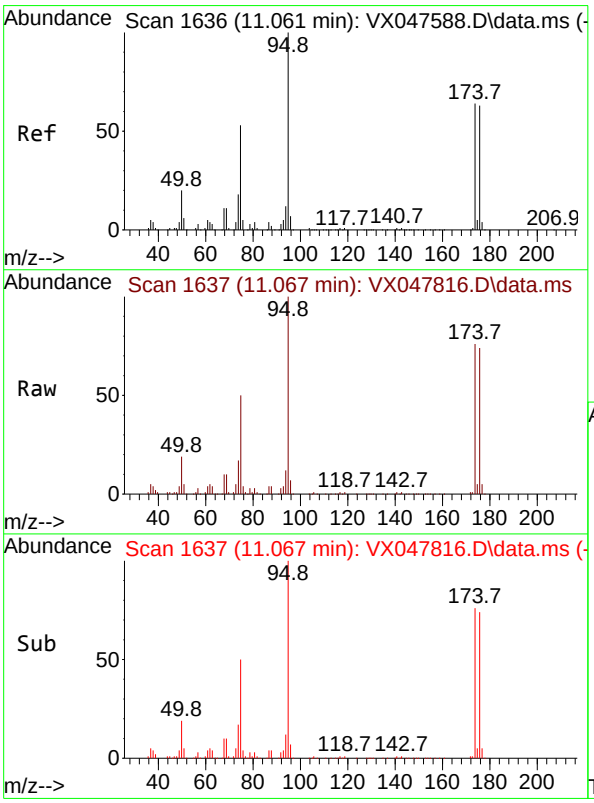
#50
Toluene-d8
Concen: 47.281 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250917

Tgt Ion: 98 Resp: 286286

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4

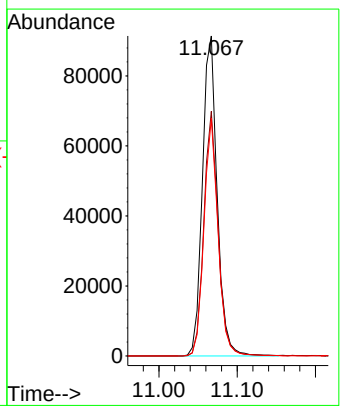


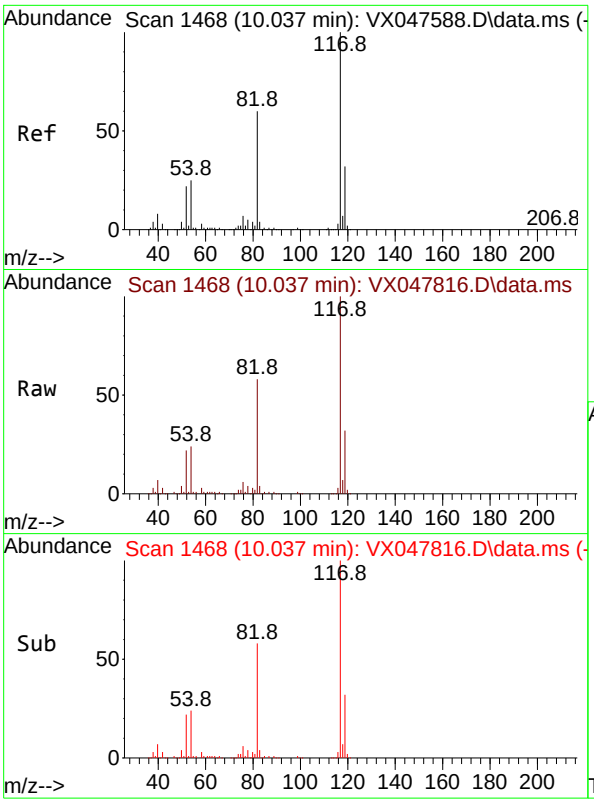


#62
4-Bromofluorobenzene
Concen: 52.035 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Tgt Ion: 95 Resp: 119574

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	141.6
176	71.0	0.0	138.4



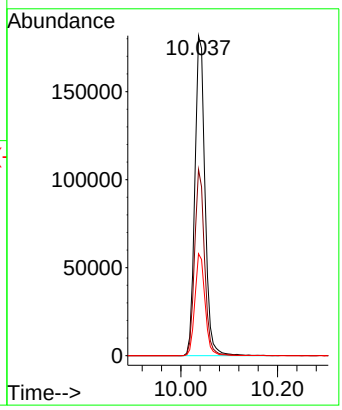


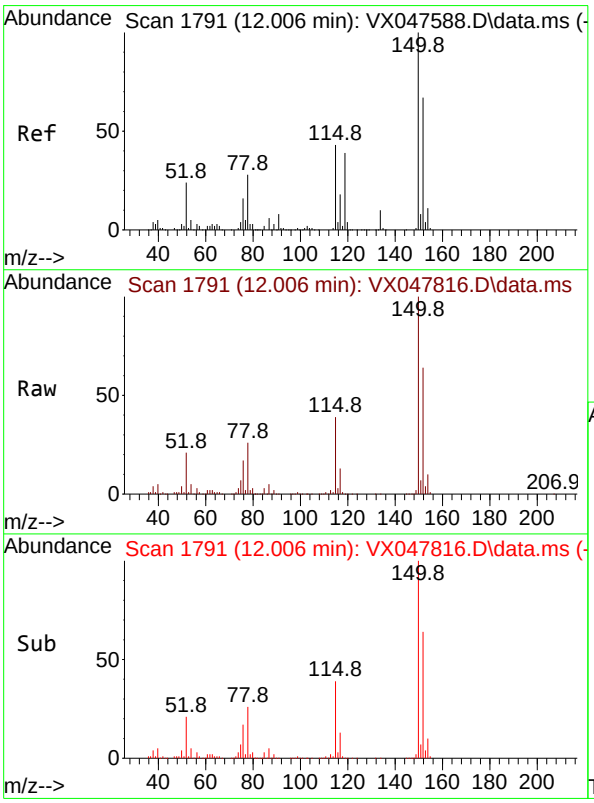
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250917

Tgt Ion:117 Resp: 263550

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.8	71.6
119	31.9	25.2	37.8

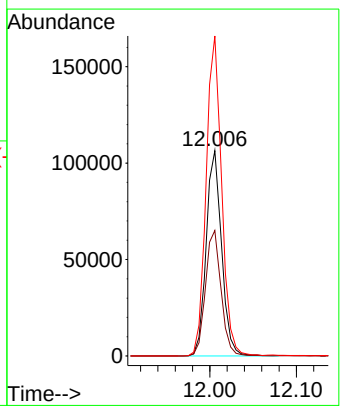




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Tgt Ion:152 Resp: 131658

Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.9	134.5
150	156.6	0.0	352.0



Raw Data: **VX047842.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	TB07-20250912	SDG No.:	Q3128
Lab Sample ID:	Q3128-14	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:	Date Analyzed	Prep Batch ID
VX047842.D	1	09/26/25 08:04	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

Raw Data: **VX047842.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	TB07-20250912	SDG No.:	Q3128
Lab Sample ID:	Q3128-14	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:	Date Analyzed	Prep Batch ID
VX047842.D	1	09/26/25 08:04	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.3		81 - 118		103%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	48.6		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	132000	5.538				
540-36-3	1,4-Difluorobenzene	276000	6.751				
3114-55-4	Chlorobenzene-d5	283000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	141000	12.006				

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/12/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	TB07-20250912	SDG No.:	Q3128
Lab Sample ID:	Q3128-14	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:	Date Analyzed	Prep Batch ID
VX047842.D	1	09/26/25 08:04	VX092525

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\VX092525\
Data File : VX047842.D
Acq On : 26 Sep 2025 08:04
Operator : JC/MD
Sample : Q3128-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB07-20250912

Quant Time: Sep 26 08:30:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

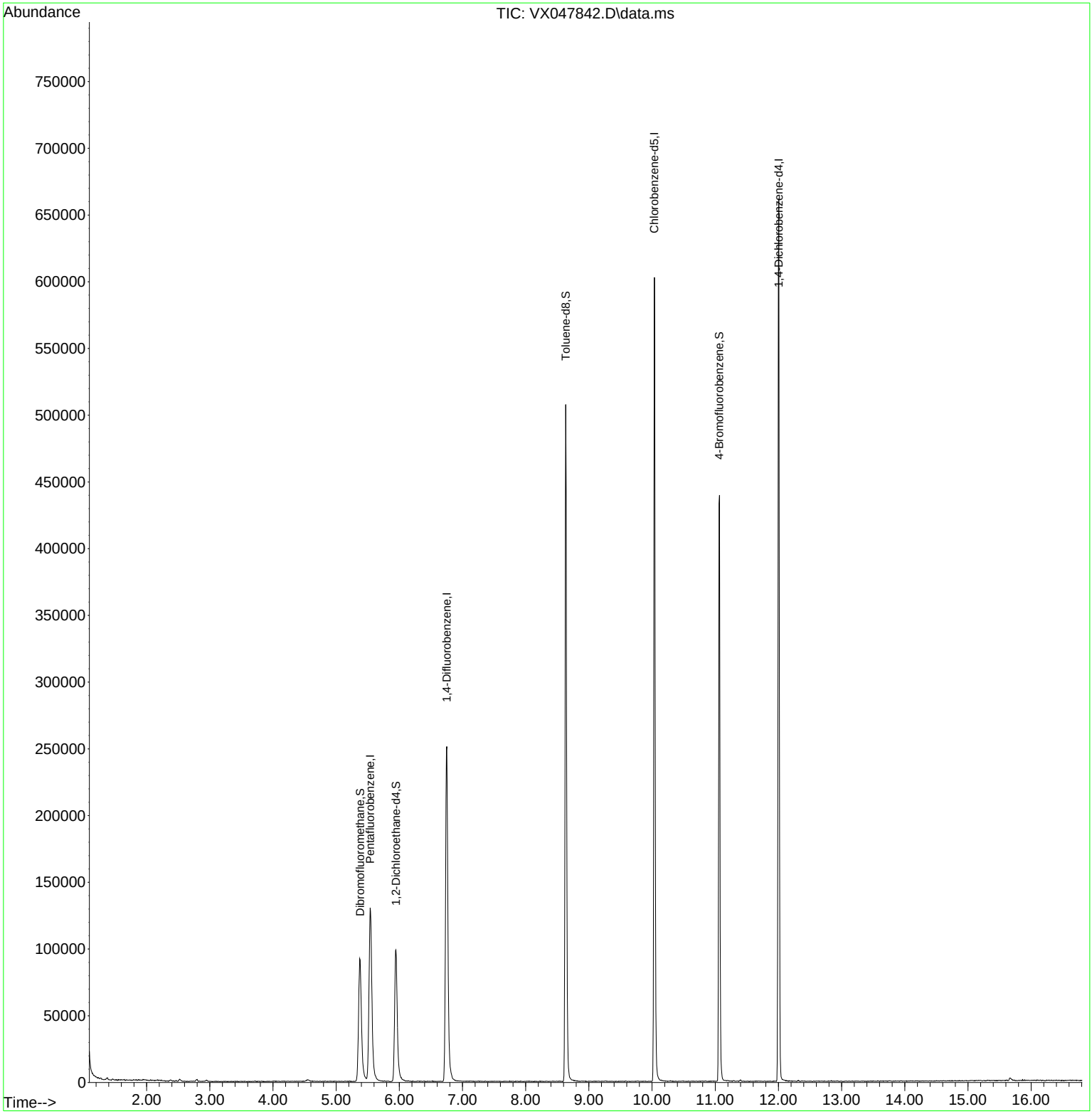
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	132283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	276404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	283292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108023	51.302	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.600%			
35) Dibromofluoromethane	5.379	113	90376	48.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.500%			
50) Toluene-d8	8.635	98	311858	48.620	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.240%			
62) 4-Bromofluorobenzene	11.061	95	131732	54.115	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.220%			
Target Compounds						Qvalue

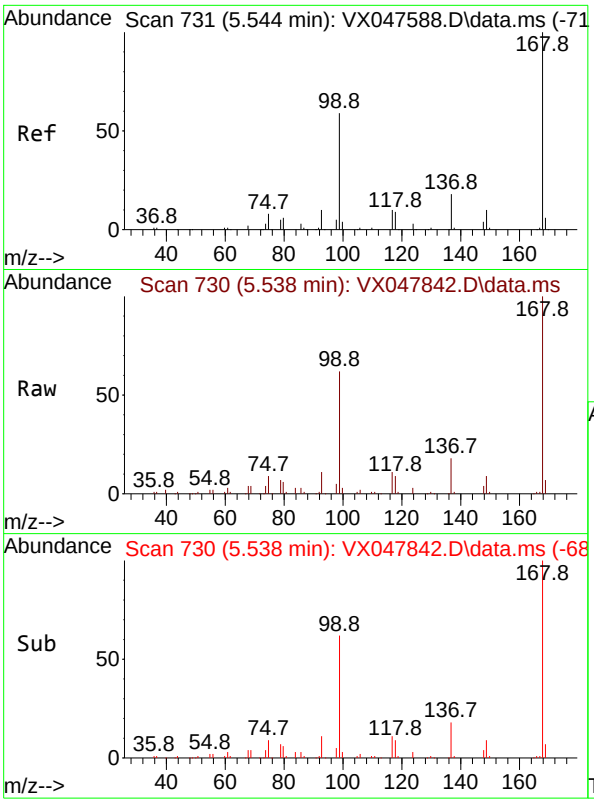
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047842.D
Acq On : 26 Sep 2025 08:04
Operator : JC/MD
Sample : Q3128-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB07-20250912

Quant Time: Sep 26 08:30:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



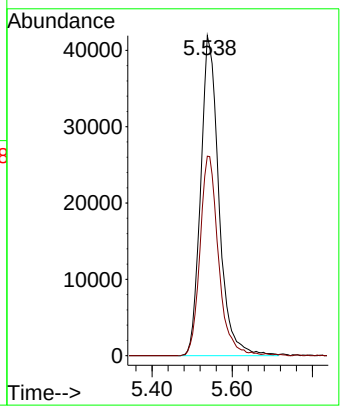


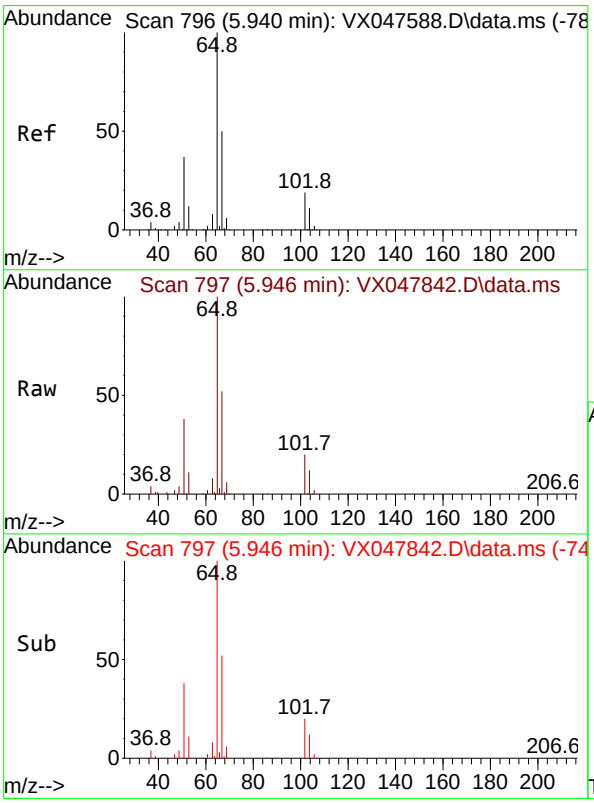
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Instrument :
MSVOA_X
ClientSampleId :
TB07-20250912

Tgt Ion:168 Resp: 132283

Ion	Ratio	Lower	Upper
168	100		
99	62.4	48.8	73.2

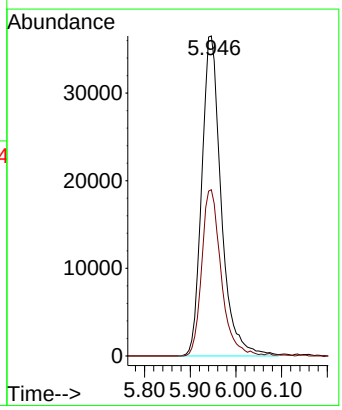


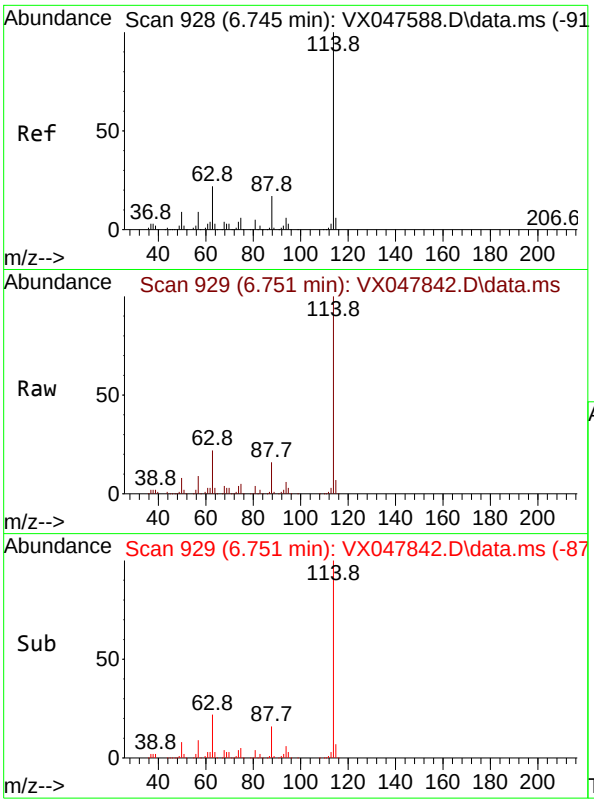


#33
1,2-Dichloroethane-d4
Concen: 51.302 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion: 65 Resp: 108023

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.0



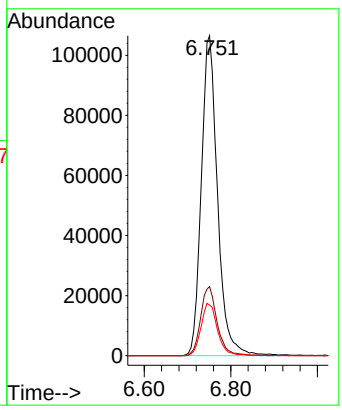


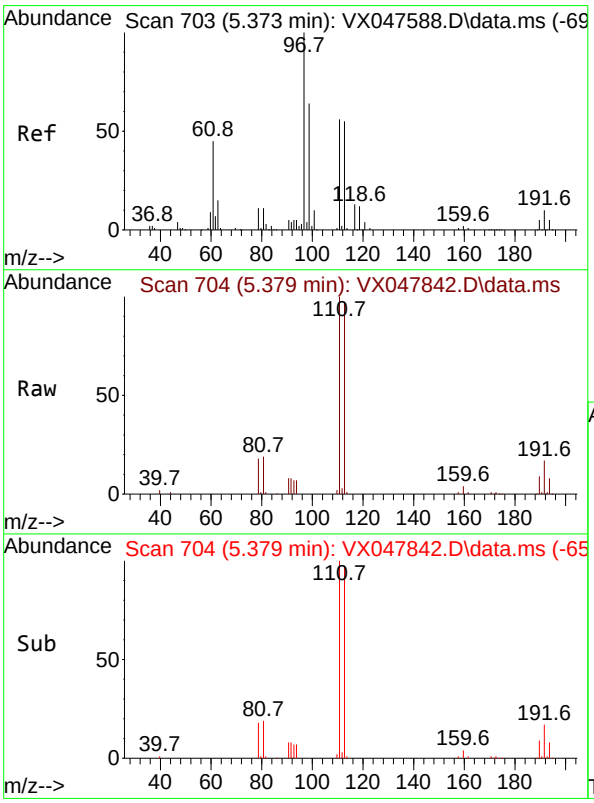
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Instrument :
MSVOA_X
ClientSampleId :
TB07-20250912

Tgt Ion:114 Resp: 276404

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	15.9	0.0	34.2

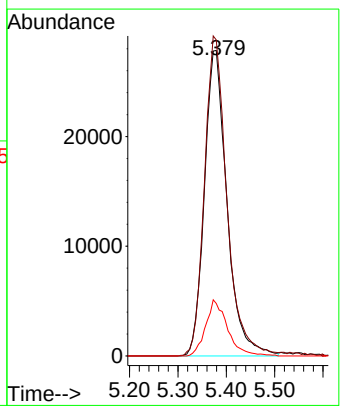


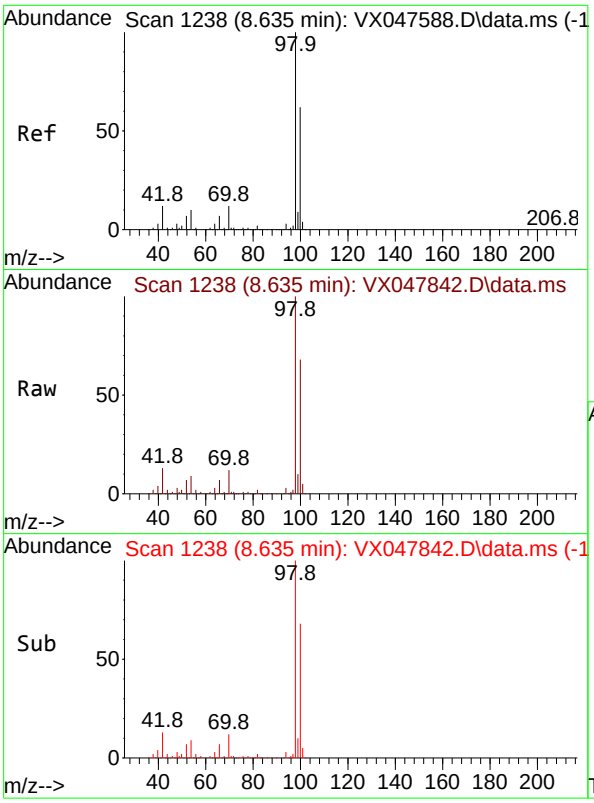


#35
Dibromofluoromethane
Concen: 48.754 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion:113 Resp: 90376

Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.9	121.3
192	17.8	14.2	21.4



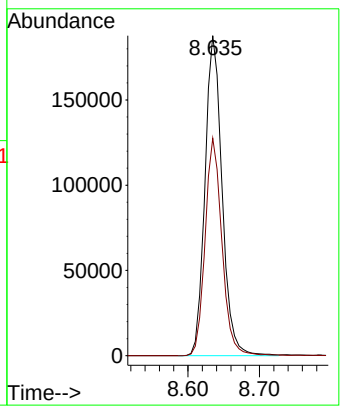


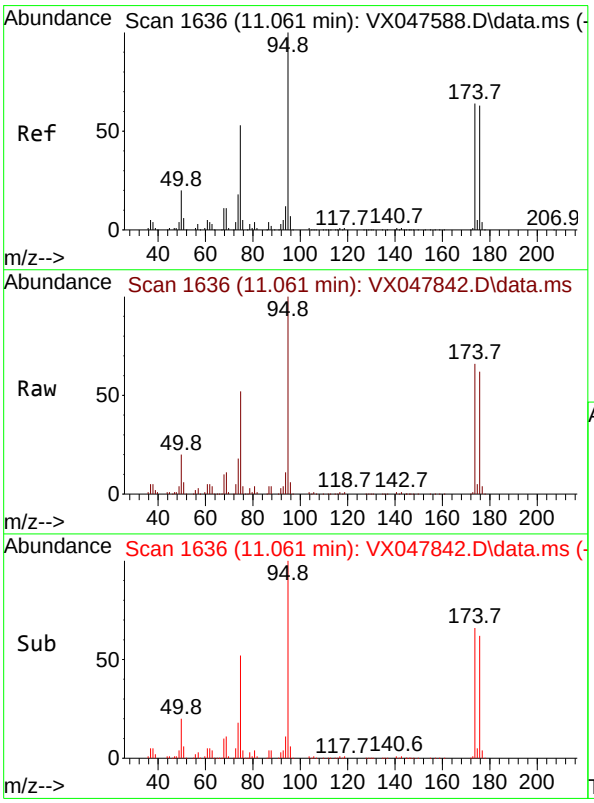
#50
Toluene-d8
Concen: 48.620 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Instrument :
MSVOA_X
ClientSampleId :
TB07-20250912

Tgt Ion: 98 Resp: 311858

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.4

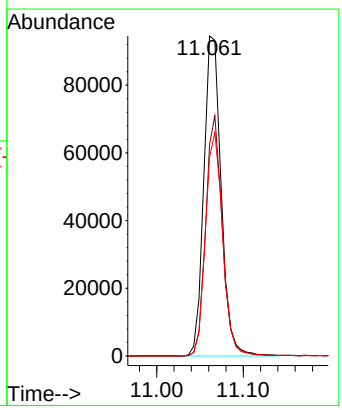


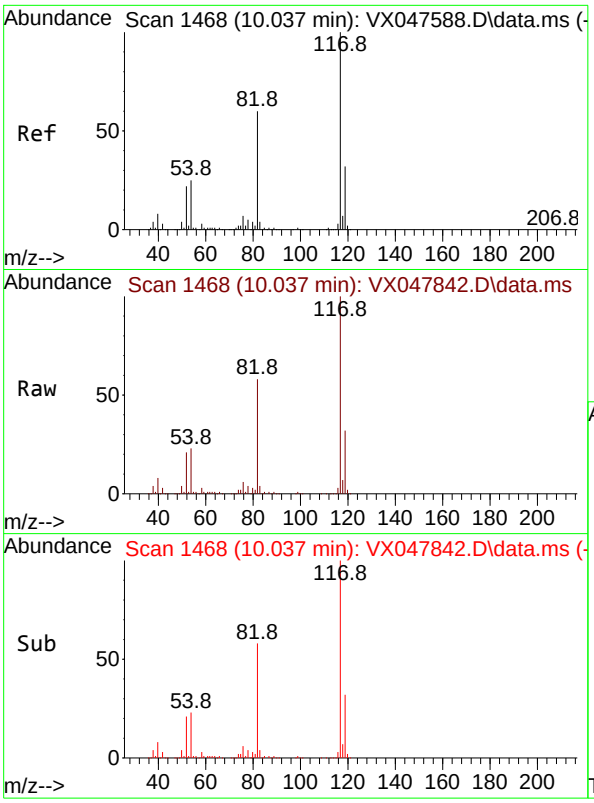


#62
4-Bromofluorobenzene
Concen: 54.115 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion: 95 Resp: 131732

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	141.6
176	69.4	0.0	138.4



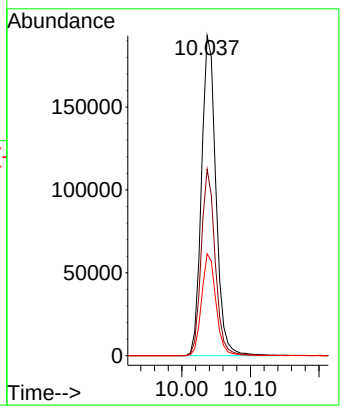


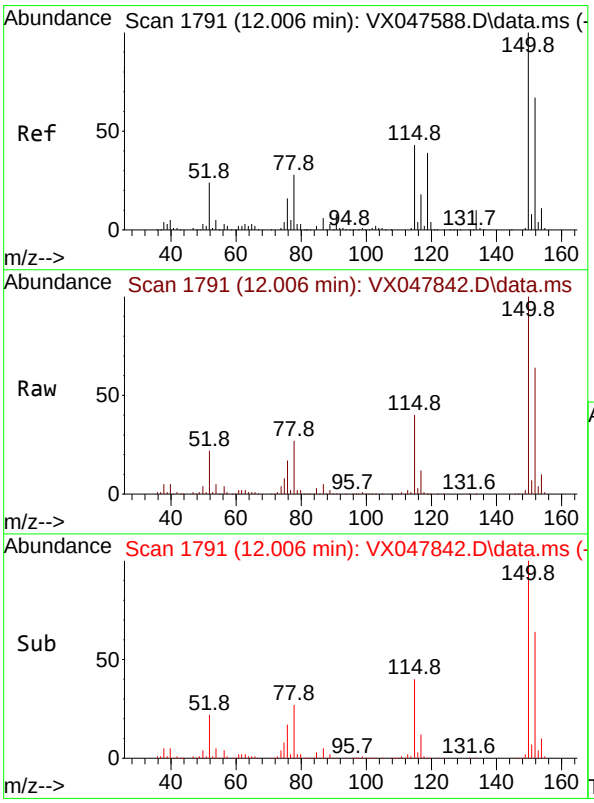
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Instrument :
MSVOA_X
ClientSampleId :
TB07-20250912

Tgt Ion:117 Resp: 283292

Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.8	71.6
119	31.8	25.2	37.8

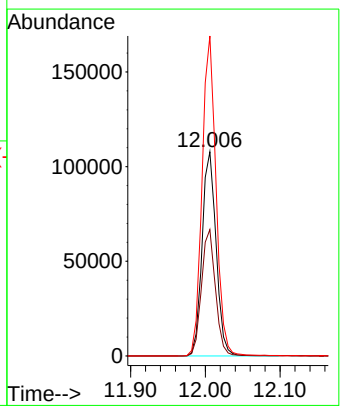




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion:152 Resp: 140911

Ion	Ratio	Lower	Upper
152	100		
115	61.7	44.9	134.5
150	155.9	0.0	352.0



CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: AECO15

Lab Code: ACE SDG No.: Q3128

Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01

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

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10
Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.9
Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.9
Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15
Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.4
Trichlorofluoromethane	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.5
1,1,2-Trichlorotrifluoroethane	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.2
1,1-Dichloroethene	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.7
Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.7
Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.8
Methyl tert-butyl Ether	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.5
Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.4
Methylene Chloride	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.5
trans-1,2-Dichloroethene	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.3
1,1-Dichloroethane	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.8
Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.1
2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	9
Carbon Tetrachloride	0.482	0.574	0.555	0.539	0.526	0.518	0.532	6
cis-1,2-Dichloroethene	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.4
Bromochloromethane	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.2
Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.7
1,1,1-Trichloroethane	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.3
Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.6
Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.1
1,2-Dichloroethane	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.8
Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.9
1,2-Dichloropropane	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.4
Bromodichloromethane	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.7
4-Methyl-2-Pentanone	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.3
Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.2

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: AECO15

Lab Code: ACE | SDG No.: Q3128

Instrument ID: MSVOA_X | Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N | Calibration Time(s): 09:23 12:01

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

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.3
cis-1,3-Dichloropropene	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.7
1,1,2-Trichloroethane	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.1
2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.8
Dibromochloromethane	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.5
1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.1
Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6
Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.2
Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.6
m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.8
o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.1
Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.7
Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.4
Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.9
1,1,2,2-Tetrachloroethane	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.2
1,3-Dichlorobenzene	1.462	1.800	1.829	1.817	1.768	1.758	1.739	8
1,4-Dichlorobenzene	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.5
1,2-Dichlorobenzene	1.359	1.691	1.757	1.746	1.696	1.692	1.657	9
1,2-Dibromo-3-Chloropropane	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.1
1,2,4-Trichlorobenzene	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.3
1,2,3-Trichlorobenzene	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.7
1,2-Dichloroethane-d4		0.884	0.647	0.770	0.815	0.863	0.796	11.8
Dibromofluoromethane		0.356	0.266	0.331	0.355	0.368	0.335	12.3
Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.1
4-Bromofluorobenzene		0.478	0.360	0.427	0.452	0.484	0.440	11.4

* 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 : 82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025
Response Via : Initial Calibration

Calibration Files
1 =VX047585.D 5 =VX047586.D 20 =VX047587.D 50 =VX047588.D 100 =VX047589.D 150 =VX047590.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10.01
3)	P	Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.92
4)	C	Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.87#
5)	T	Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15.01
6)	T	Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.36
7)	T	Trichlorofluor...	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.49
8)	T	Diethyl Ether	0.372	0.405	0.413	0.409	0.420	0.409	0.405	4.17
9)	T	1,1,2-Trichlor...	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.21
10)	T	Methyl Iodide		0.865	0.922	0.911	0.925	0.886	0.902	2.85
11)	T	Tert butyl alc...		0.085	0.086	0.089	0.090	0.094	0.089	4.18
12)	CM	1,1-Dichloroet...	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.71#
13)	T	Acrolein		0.071	0.069	0.082	0.089	0.097	0.082	14.59
14)	T	Allyl chloride	1.194	1.267	1.249	1.211	1.226	1.207	1.226	2.25
15)	T	Acrylonitrile	0.264	0.329	0.343	0.347	0.343	0.344	0.328	9.82
16)	T	Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.67
17)	T	Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.80
18)	T	Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.39
19)	T	Methyl tert-bu...	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.47
20)	T	Methylene Chlo...	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.45
21)	T	trans-1,2-Dich...	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.28
22)	T	Diisopropyl ether	1.976	2.531	2.487	2.477	2.398	2.384	2.376	8.56
23)	T	Vinyl Acetate	1.541	1.937	2.020	1.992	1.958	1.961	1.901	9.41
24)	P	1,1-Dichloroet...	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.81
25)	T	2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	8.98
26)	T	2,2-Dichloropr...	0.945	1.096	1.074	1.068	1.055	1.060	1.050	5.06
27)	T	cis-1,2-Dichlo...	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.41
28)	T	Bromochloromet...	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.18
29)	T	Tetrahydrofuran	0.211	0.269	0.272	0.275	0.262	0.268	0.260	9.24
30)	C	Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.72#
31)	T	Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.08
32)	T	1,1,1-Trichlor...	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.33
33)	S	1,2-Dichloroet...		0.884	0.647	0.770	0.815	0.863	0.796	11.82
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.356	0.266	0.331	0.355	0.368	0.335	12.25
36)	T	1,1-Dichloropr...	0.484	0.520	0.508	0.487	0.471	0.469	0.490	4.15
37)	T	Ethyl Acetate	0.429	0.561	0.554	0.532	0.533	0.539	0.525	9.21
38)	T	Carbon Tetrach...	0.482	0.574	0.555	0.539	0.526	0.518	0.532	5.99
39)	T	Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.60
40)	TM	Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.11
41)	T	Methacrylonitrile	0.236	0.264	0.286	0.286	0.282	0.271	0.271	7.13
42)	TM	1,2-Dichloroet...	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.76
43)	T	Isopropyl Acetate	0.751	0.882	0.889	0.897	0.865	0.879	0.860	6.34
44)	TM	Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.92
45)	C	1,2-Dichloropr...	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.37#
46)	T	Dibromomethane	0.248	0.285	0.289	0.288	0.276	0.277	0.277	5.54
47)	T	Bromodichlorom...	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.65
48)	T	Methyl methacr...	0.372	0.421	0.447	0.449	0.436	0.446	0.429	6.97
49)	T	1,4-Dioxane	0.003	0.004	0.004	0.005	0.005	0.005	0.004	19.43
50)	S	Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.10
51)	T	4-Methyl-2-Pen...	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.28
52)	CM	Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.22#
53)	T	t-1,3-Dichloro...	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.33
54)	T	cis-1,3-Dichlo...	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.74
55)	T	1,1,2-Trichlor...	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.10
56)	T	Ethyl methacry...	0.407	0.563	0.587	0.599	0.580	0.595	0.555	13.25

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X091625W.M

57)	T	1,3-Dichloropr...	0.507	0.648	0.636	0.638	0.607	0.609	0.607	8.51
58)	T	2-Chloroethyl ...	0.094	0.212	0.210	0.272	0.280	0.292	0.227	32.65
59)	T	2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.82
60)	T	Dibromochlorom...	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.49
61)	T	1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.10
62)	S	4-Bromofluorob...		0.478	0.360	0.427	0.452	0.484	0.440	11.42
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6.03
65)	PM	Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.18
66)	T	1,1,1,2-Tetrac...	0.327	0.404	0.402	0.414	0.404	0.402	0.392	8.26
67)	C	Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.57#
68)	T	m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.77
69)	T	o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.13
70)	T	Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.70
71)	P	Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.37
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.94
74)	T	N-amyl acetate	1.277	1.726	1.851	1.862	1.834	1.850	1.733	13.21
75)	P	1,1,2,2-Tetrac...	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.16
76)	T	1,2,3-Trichlor...	0.847	1.023	1.073	1.128	0.939	1.064	1.012	10.13
77)	T	Bromobenzene	0.760	0.964	0.992	0.988	0.960	0.954	0.936	9.38
78)	T	n-propylbenzene	3.680	4.667	4.739	4.792	4.581	4.504	4.494	9.17
79)	T	2-Chlorotoluene	2.276	2.859	2.935	2.915	2.798	2.730	2.752	8.91
80)	T	1,3,5-Trimethy...	2.458	3.235	3.311	3.343	3.221	3.171	3.123	10.62
81)	T	trans-1,4-Dich...		0.347	0.381	0.414	0.420	0.424	0.397	8.31
82)	T	4-Chlorotoluene	2.754	3.347	3.410	3.433	3.285	3.275	3.251	7.74
83)	T	tert-Butylbenzene	2.800	3.223	3.346	3.359	3.240	3.215	3.197	6.39
84)	T	1,2,4-Trimethy...	2.522	3.302	3.381	3.344	3.234	3.216	3.166	10.17
85)	T	sec-Butylbenzene	3.110	4.001	3.945	4.028	3.867	3.834	3.797	9.09
86)	T	p-Isopropyltol...	2.660	3.372	3.371	3.419	3.263	3.205	3.215	8.81
87)	T	1,3-Dichlorobe...	1.462	1.800	1.829	1.817	1.768	1.758	1.739	7.95
88)	T	1,4-Dichlorobe...	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.47
89)	T	n-Butylbenzene	2.429	3.070	3.114	3.139	3.098	2.999	2.975	9.14
90)	T	Hexachloroethane	0.434	0.565	0.574	0.593	0.606	0.614	0.564	11.81
91)	T	1,2-Dichlorobe...	1.359	1.691	1.757	1.746	1.696	1.692	1.657	8.97
92)	T	1,2-Dibromo-3-...	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.07
93)	T	1,2,4-Trichlor...	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.34
94)	T	Hexachlorobuta...	0.341	0.377	0.361	0.384	0.377	0.354	0.366	4.51
95)	T	Naphthalene	2.503	3.153	3.410	3.539	3.496	3.571	3.279	12.46
96)	T	1,2,3-Trichlor...	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.72

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.537	168	246348	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.745	114	451502	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	410953	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	201976	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 78 - 117		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 92 - 112		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	2201	0.863	ug/l		96
3) Chloromethane	1.300	50	3006	0.897	ug/l	#	82
4) Vinyl Chloride	1.386	62	2818	0.859	ug/l		95
6) Chloroethane	1.697	64	2134	0.973	ug/l		95
7) Trichlorofluoromethane	1.898	101	4261	0.874	ug/l		88
8) Diethyl Ether	2.130	74	1831	0.919	ug/l		98
9) 1,1,2-Trichlorotrifluo...	2.337	101	2555	0.897	ug/l		93
12) 1,1-Dichloroethene	2.325	96	2594	0.886	ug/l	#	80
14) Allyl chloride	2.666	41	5885	0.974	ug/l		94
15) Acrylonitrile	3.062	53	6500	4.018	ug/l		97
16) Acetone	2.380	43	8444	4.953	ug/l		99
17) Carbon Disulfide	2.520	76	7662	0.956	ug/l	#	91
18) Methyl Acetate	2.703	43	3013	0.794	ug/l		98
19) Methyl tert-butyl Ether	3.111	73	9281	0.869	ug/l	#	89
20) Methylene Chloride	2.788	84	3540	0.981	ug/l		93
21) trans-1,2-Dichloroethene	3.099	96	2676	0.849	ug/l		95
22) Diisopropyl ether	3.751	45	9738	0.832	ug/l	#	87
23) Vinyl Acetate	3.715	43	37962	4.052	ug/l		97
24) 1,1-Dichloroethane	3.611	63	5372	0.863	ug/l		95
25) 2-Butanone	4.550	43	9105	4.281	ug/l	#	83
26) 2,2-Dichloropropane	4.477	77	4657	0.901	ug/l		77
27) cis-1,2-Dichloroethene	4.477	96	3440	0.891	ug/l		96
28) Bromochloromethane	4.879	49	2251	0.829	ug/l	#	93
29) Tetrahydrofuran	4.995	42	5210	4.072	ug/l		98
30) Chloroform	5.074	83	5093	0.810	ug/l		86
32) 1,1,1-Trichloroethane	5.373	97	4439	0.832	ug/l	#	47
36) 1,1-Dichloropropene	5.672	75	4373	0.988	ug/l	#	69
37) Ethyl Acetate	4.702	43	3873	0.818	ug/l	#	91
38) Carbon Tetrachloride	5.659	117	4349	0.905	ug/l		95
39) Methylcyclohexane	7.360	83	4428	0.882	ug/l		94
40) Benzene	6.025	78	12012	0.894	ug/l		98
41) Methacrylonitrile	4.903	41	2128	0.870	ug/l	#	63
42) 1,2-Dichloroethane	6.062	62	4634	0.906	ug/l		80
43) Isopropyl Acetate	6.318	43	6784	0.873	ug/l		94
44) Trichloroethene	7.110	130	2677	0.824	ug/l		78
45) 1,2-Dichloropropane	7.415	63	2945	0.856	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.574	93	2240	0.895	ug/l		94
47) Bromodichloromethane	7.805	83	4167	0.806	ug/l	#	92
48) Methyl methacrylate	7.683	41	3355	0.867	ug/l	#	87
49) 1,4-Dioxane	7.653	88	488m	12.477	ug/l		
51) 4-Methyl-2-Pentanone	8.555	43	17596	4.085	ug/l		95
52) Toluene	8.708	92	7595	0.917	ug/l		92
53) t-1,3-Dichloropropene	8.964	75	4398	0.834	ug/l	#	82
54) cis-1,3-Dichloropropene	8.354	75	4635	0.823	ug/l	#	76
55) 1,1,2-Trichloroethane	9.134	97	2918	0.914	ug/l		95
56) Ethyl methacrylate	9.104	69	3679	0.734	ug/l	#	84
57) 1,3-Dichloropropane	9.293	76	4580	0.835	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	4222	9.665	ug/l		99
59) 2-Hexanone	9.415	43	12385	4.003	ug/l		98
60) Dibromochloromethane	9.506	129	2903	0.789	ug/l		87
61) 1,2-Dibromoethane	9.592	107	2596	0.798	ug/l		96
64) Tetrachloroethene	9.256	164	2457	0.917	ug/l		83
65) Chlorobenzene	10.061	112	8202	0.879	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.140	131	2684	0.833	ug/l	#	66
67) Ethyl Benzene	10.177	91	13360	0.829	ug/l		98
68) m/p-Xylenes	10.287	106	9922	1.655	ug/l		99
69) o-Xylene	10.622	106	4734	0.816	ug/l		94
70) Styrene	10.640	104	8377	0.824	ug/l		96
71) Bromoform	10.787	173	1816	0.755	ug/l	#	94
73) Isopropylbenzene	10.945	105	12618	0.822	ug/l		96
74) N-amyl acetate	10.829	43	5159	0.737	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	3900	0.839	ug/l		96
76) 1,2,3-Trichloropropane	11.225	75	3421m	0.816	ug/l		
77) Bromobenzene	11.183	156	3069	0.811	ug/l		98
78) n-propylbenzene	11.286	91	14866	0.819	ug/l		99
79) 2-Chlorotoluene	11.347	91	9195	0.827	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	9929	0.787	ug/l		99
82) 4-Chlorotoluene	11.439	91	11123	0.847	ug/l		95
83) tert-Butylbenzene	11.695	119	11311	0.876	ug/l		97
84) 1,2,4-Trimethylbenzene	11.731	105	10187	0.796	ug/l		100
85) sec-Butylbenzene	11.872	105	12561	0.819	ug/l		99
86) p-Isopropyltoluene	11.994	119	10744	0.827	ug/l		92
87) 1,3-Dichlorobenzene	11.951	146	5907	0.841	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	6341m	0.880	ug/l		
89) n-Butylbenzene	12.317	91	9811	0.816	ug/l		97
90) Hexachloroethane	12.524	117	1752	0.768	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	5491	0.820	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	698	0.742	ug/l		93
93) 1,2,4-Trichlorobenzene	13.567	180	3358	0.772	ug/l		95
94) Hexachlorobutadiene	13.707	225	1378	0.933	ug/l		93
95) Naphthalene	13.756	128	10112	0.763	ug/l		98
96) 1,2,3-Trichlorobenzene	13.944	180	3043	0.752	ug/l		98

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

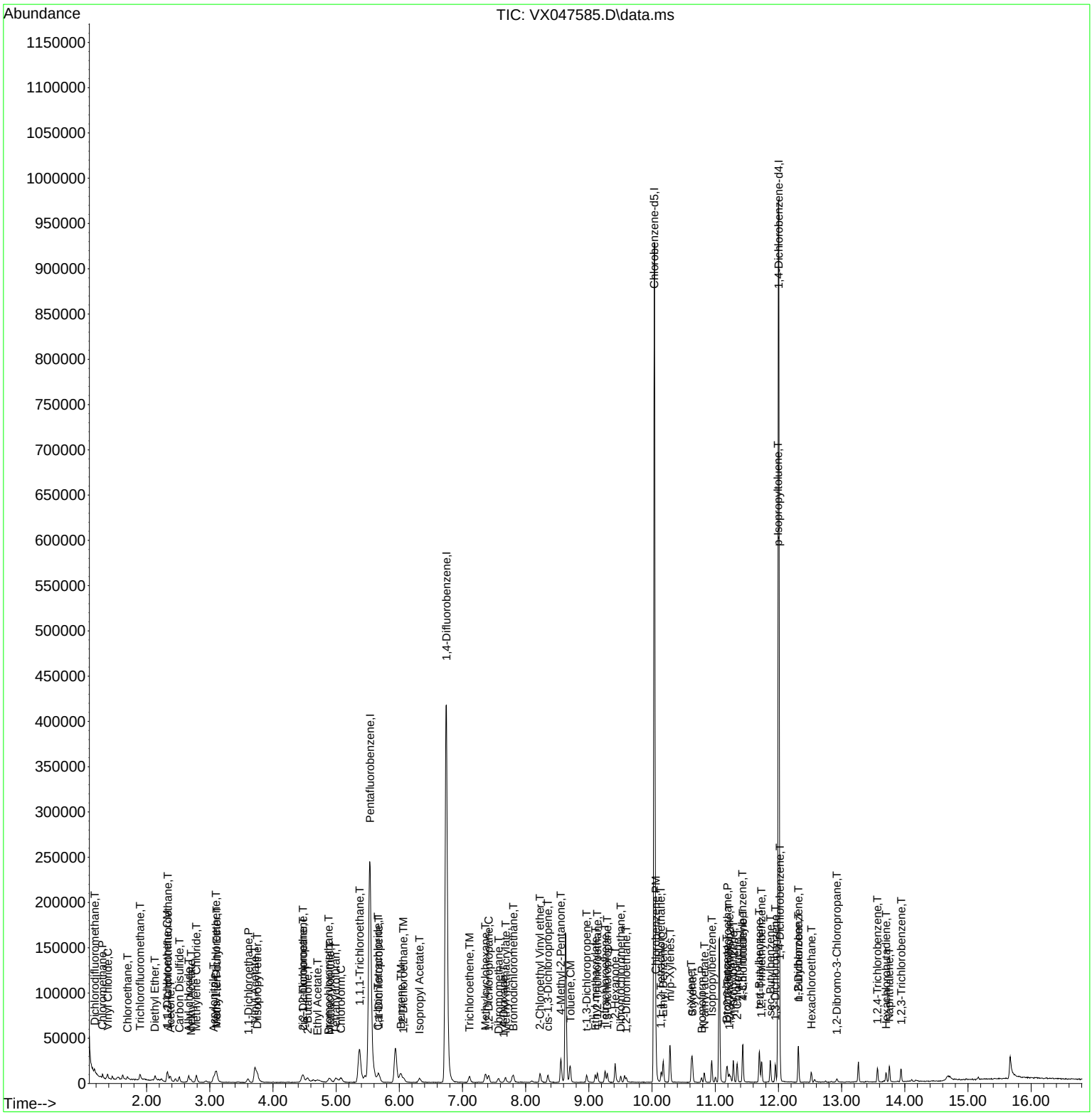
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

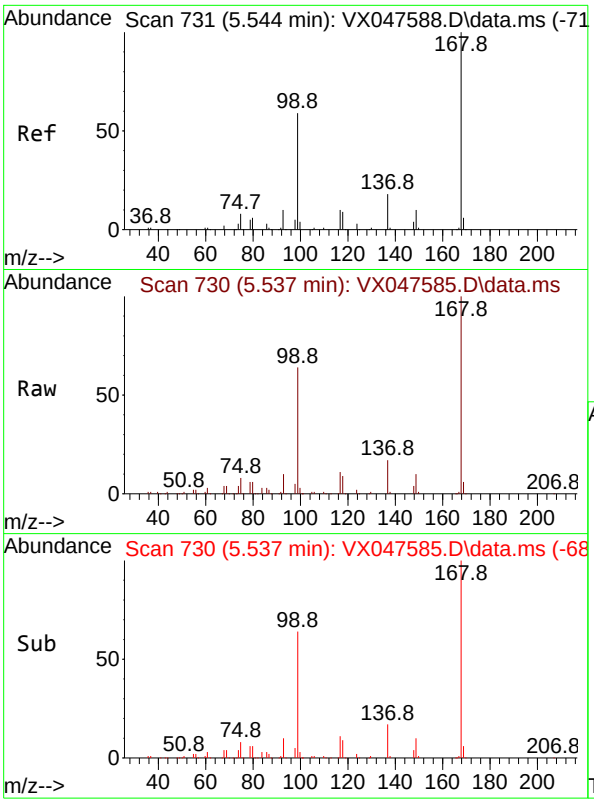
Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

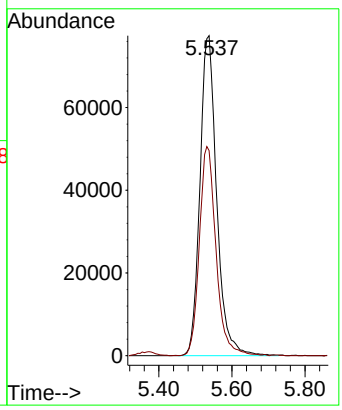




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:168 Resp: 24634

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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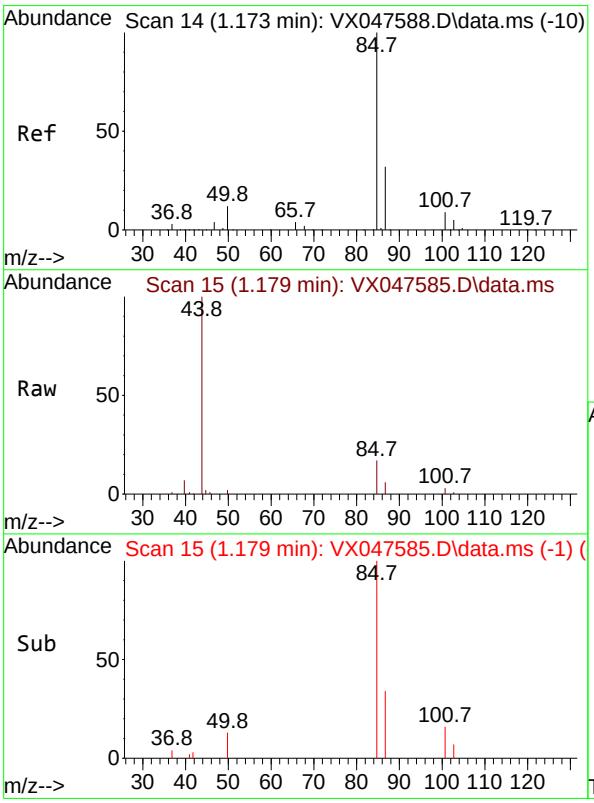
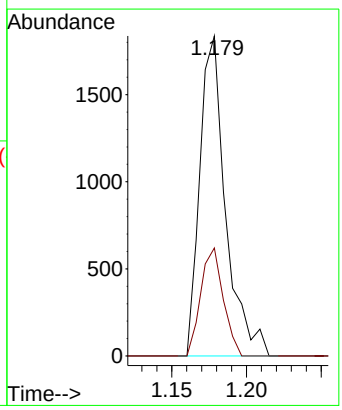
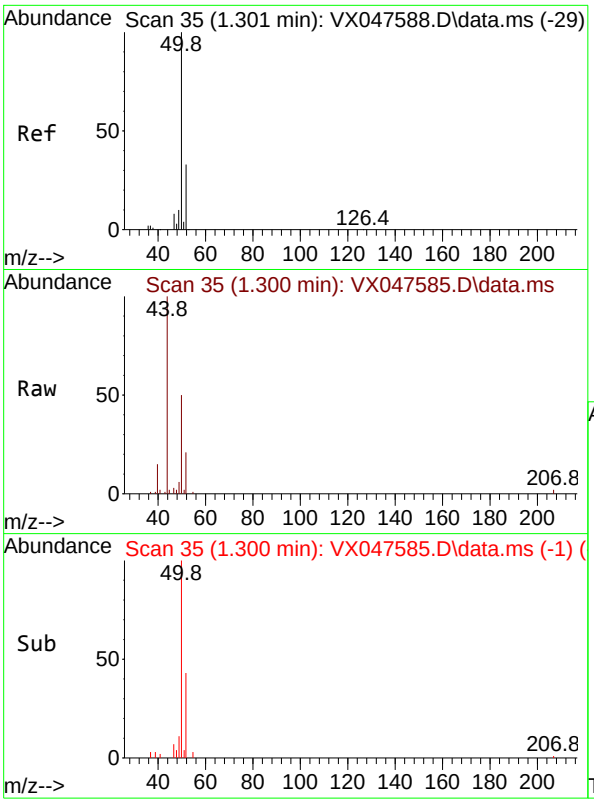


#2
Dichlorodifluoromethane
Concen: 0.863 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 85 Resp: 2201

Ion	Ratio	Lower	Upper
85	100		
87	33.8	15.8	47.3

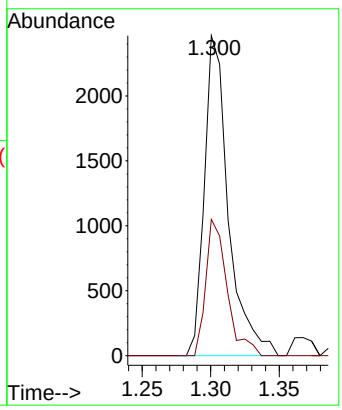




#3
Chloromethane
Concen: 0.897 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 50 Resp: 300

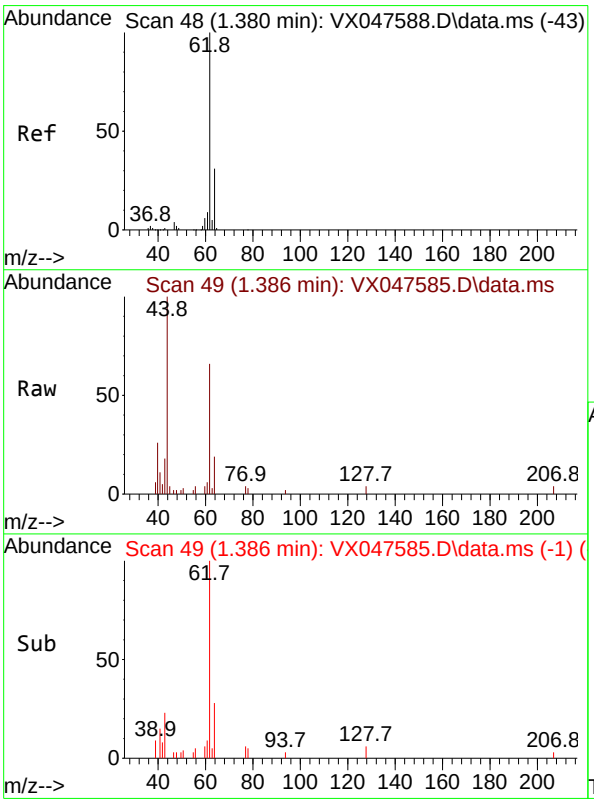
Ion	Ratio	Lower	Upper
50	100		
52	42.6	26.1	39.1#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

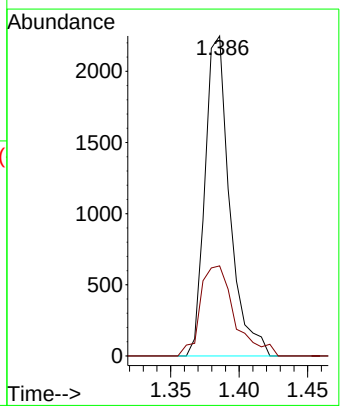
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

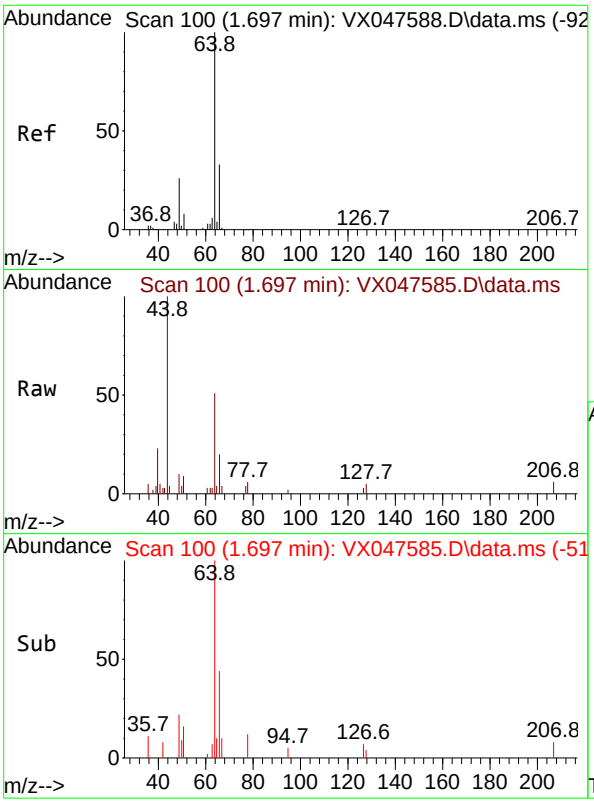


#4
Vinyl Chloride
Concen: 0.859 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 2818

Ion	Ratio	Lower	Upper
62	100		
64	28.2	24.9	37.3

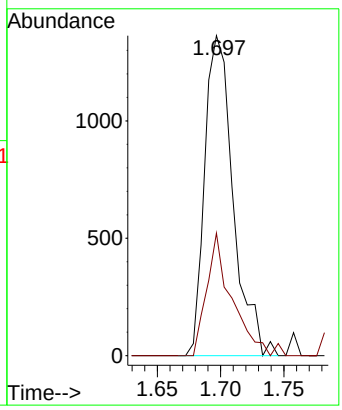




#6
Chloroethane
Concen: 0.973 ug/l
RT: 1.697 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 64 Resp: 213

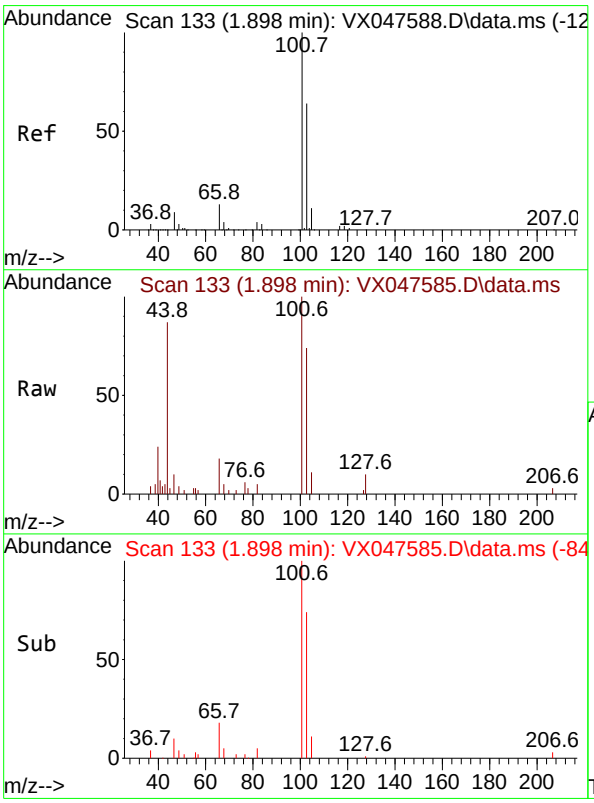
Ion	Ratio	Lower	Upper
64	100		
66	35.4	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

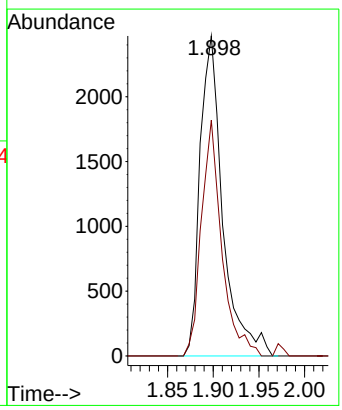
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

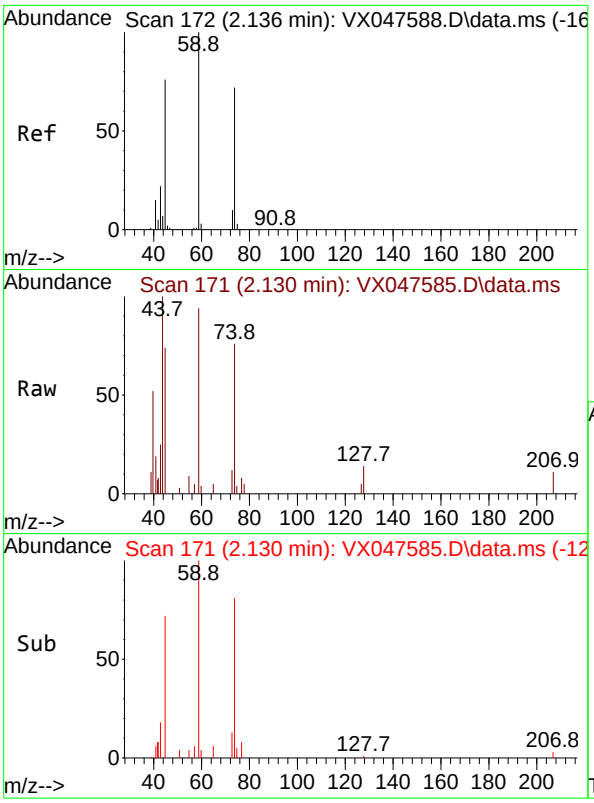


#7
Trichlorofluoromethane
Concen: 0.874 ug/l
RT: 1.898 min Scan# 133
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:101 Resp: 4261

Ion	Ratio	Lower	Upper
101	100		
103	73.7	51.4	77.2





#8
Diethyl Ether
Concen: 0.919 ug/l
RT: 2.130 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 74 Resp: 183

Ion	Ratio	Lower	Upper
74	100		
45	102.2	52.3	156.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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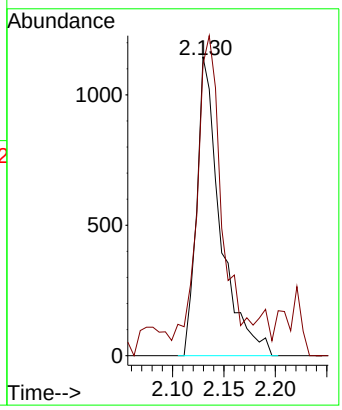
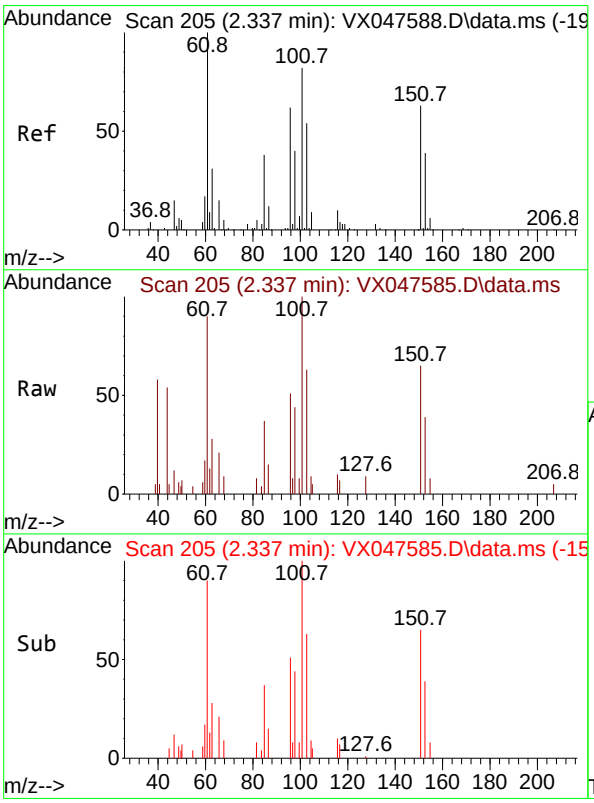
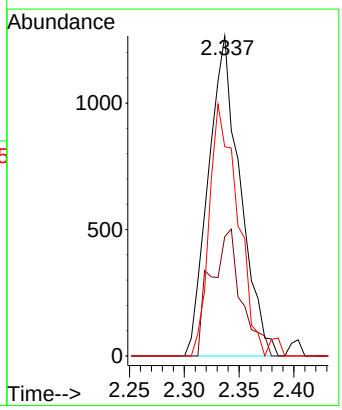


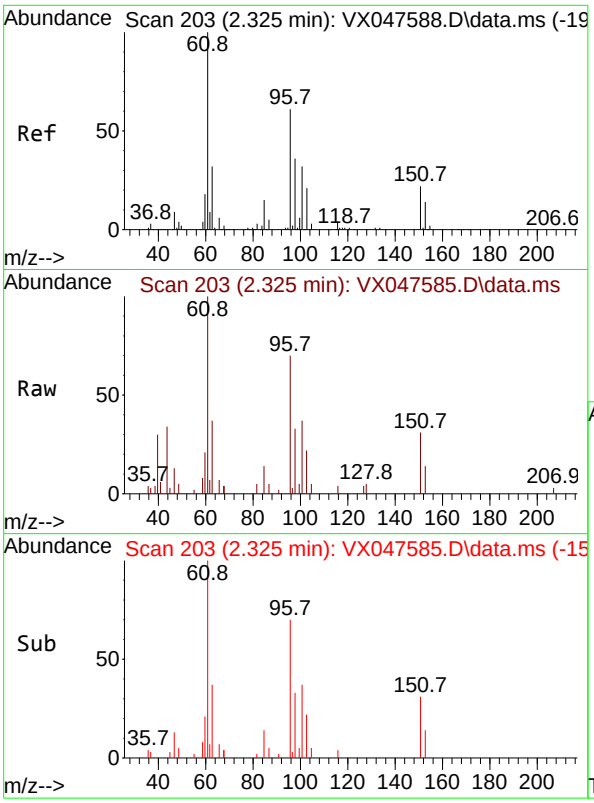


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.897 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:101 Resp: 2555

Ion	Ratio	Lower	Upper
101	100		
85	37.8	35.5	53.3
151	69.9	59.4	89.0

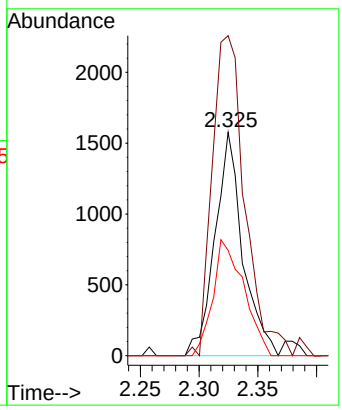




#12
1,1-Dichloroethene
Concen: 0.886 ug/l
RT: 2.325 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 96 Resp: 259

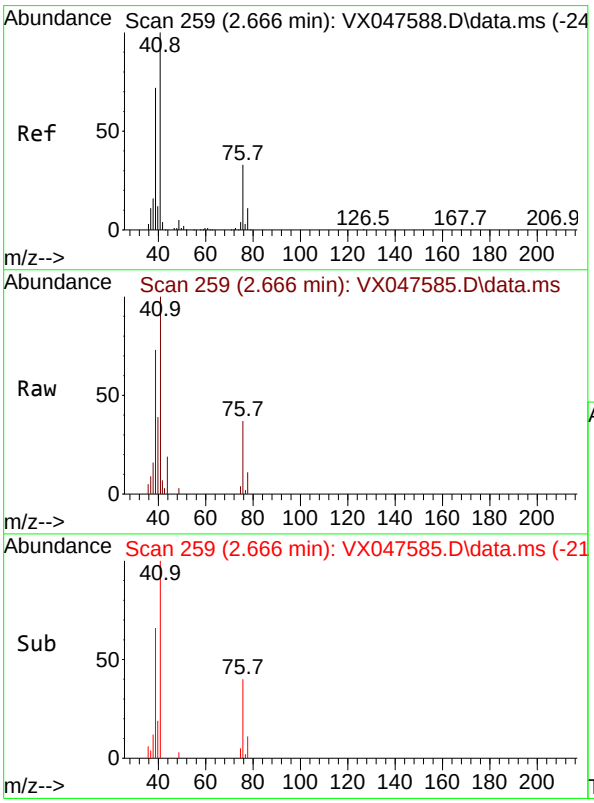
Ion	Ratio	Lower	Upper
96	100		
61	137.3	131.0	196.6
98	45.2	47.7	71.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

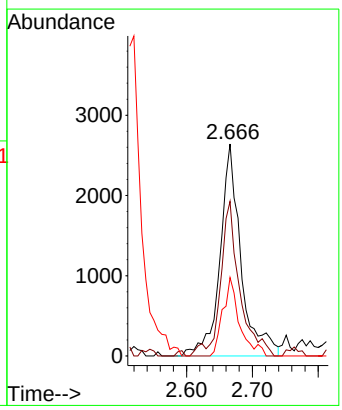
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

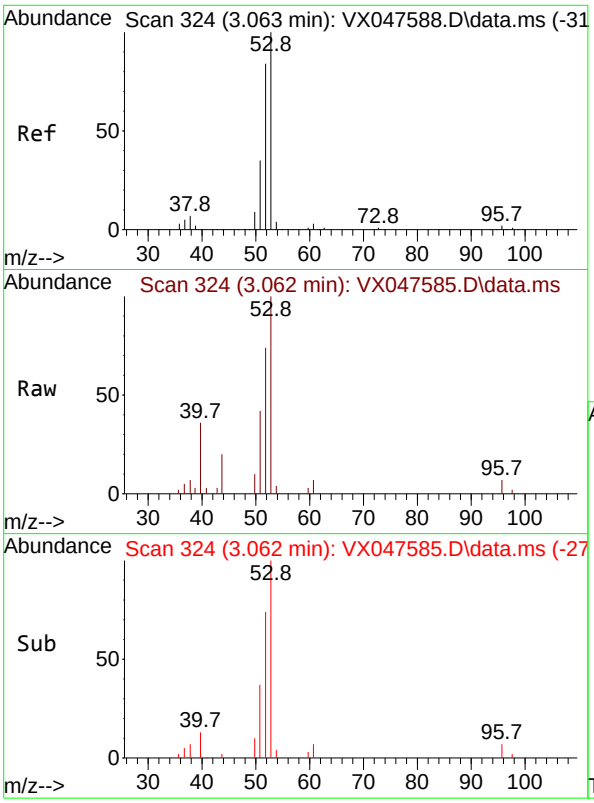


#14
Allyl chloride
Concen: 0.974 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 5885

Ion	Ratio	Lower	Upper
41	100		
39	63.3	54.7	82.1
76	29.3	25.7	38.5

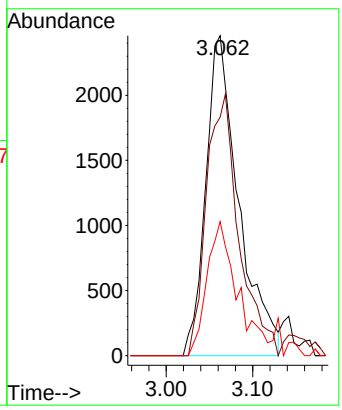




#15
Acrylonitrile
Concen: 4.018 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 53 Resp: 650

Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.4	99.6
51	38.7	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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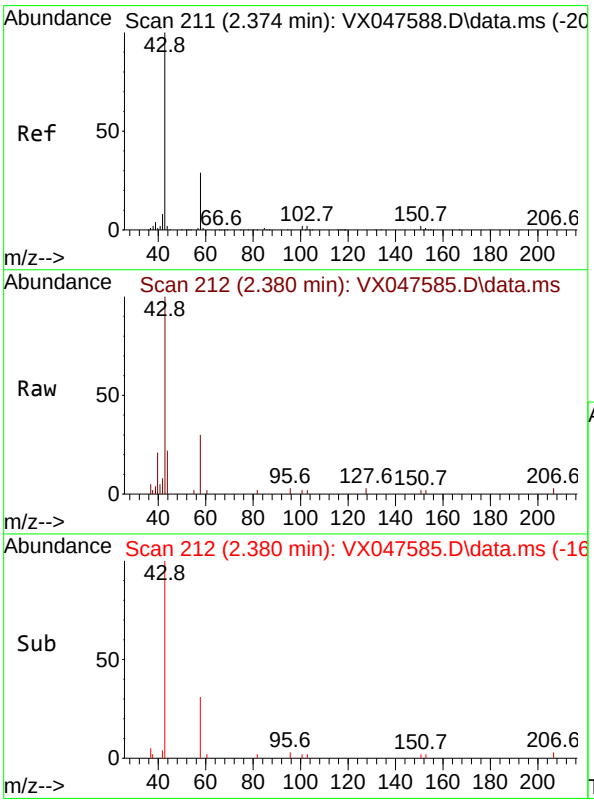
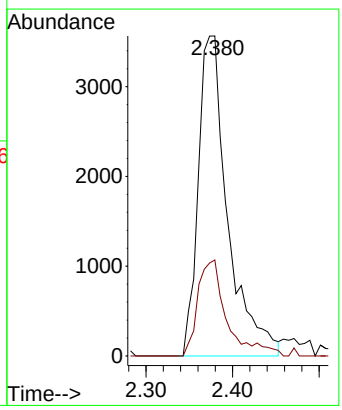
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

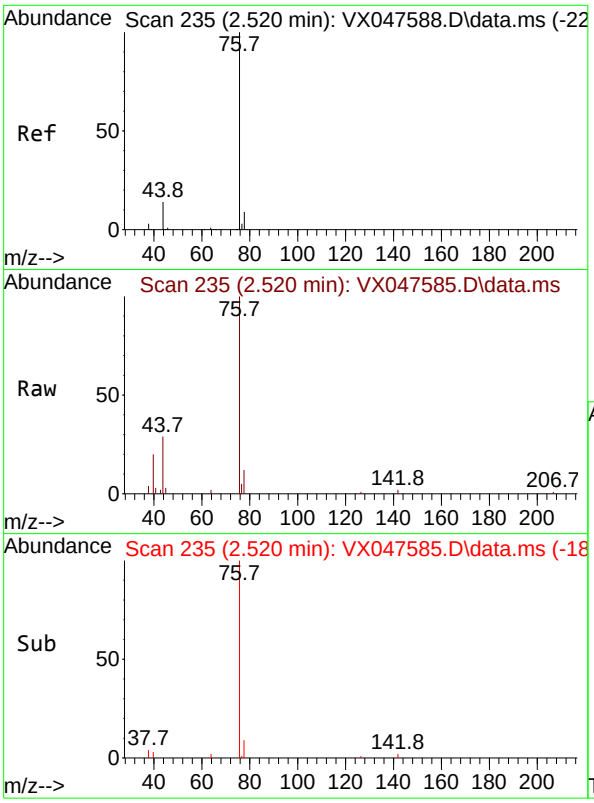


#16
Acetone
Concen: 4.953 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 8444

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0





#17
Carbon Disulfide
Concen: 0.956 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 76 Resp: 766

Ion	Ratio	Lower	Upper
76	100		
78	11.6	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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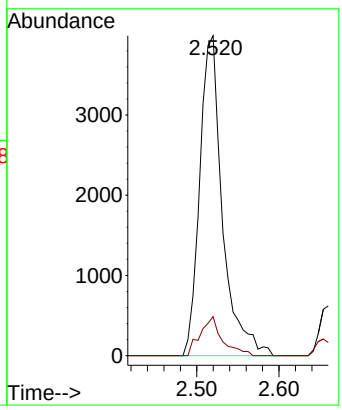
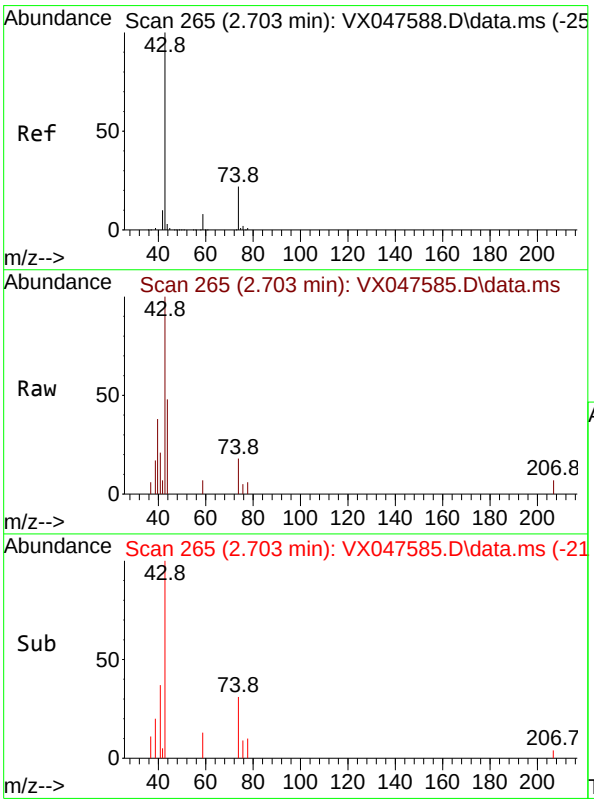
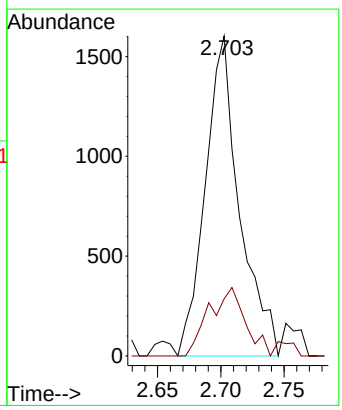


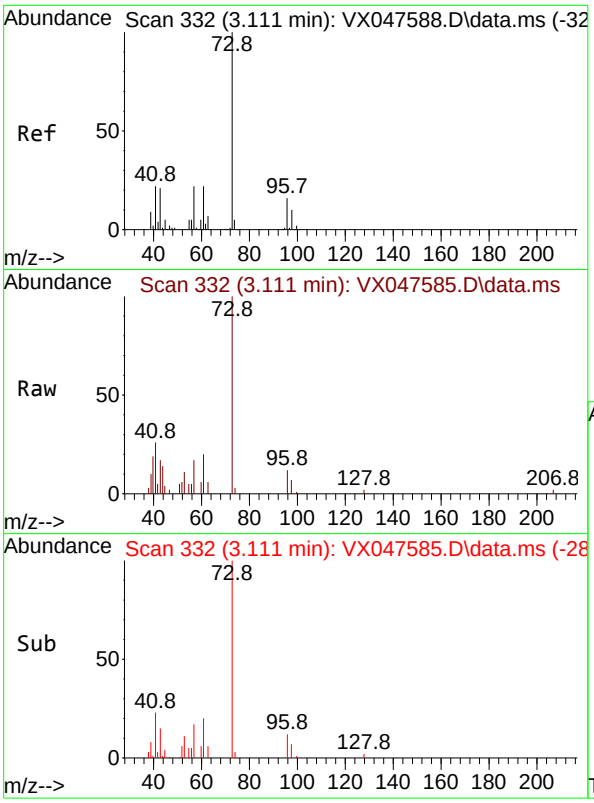


#18
Methyl Acetate
Concen: 0.794 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 3013

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2

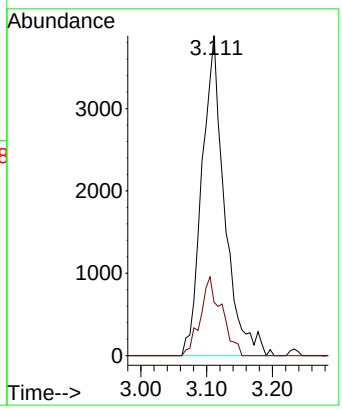




#19
Methyl tert-butyl Ether
Concen: 0.869 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 73 Resp: 928

Ion	Ratio	Lower	Upper
73	100		
57	16.7	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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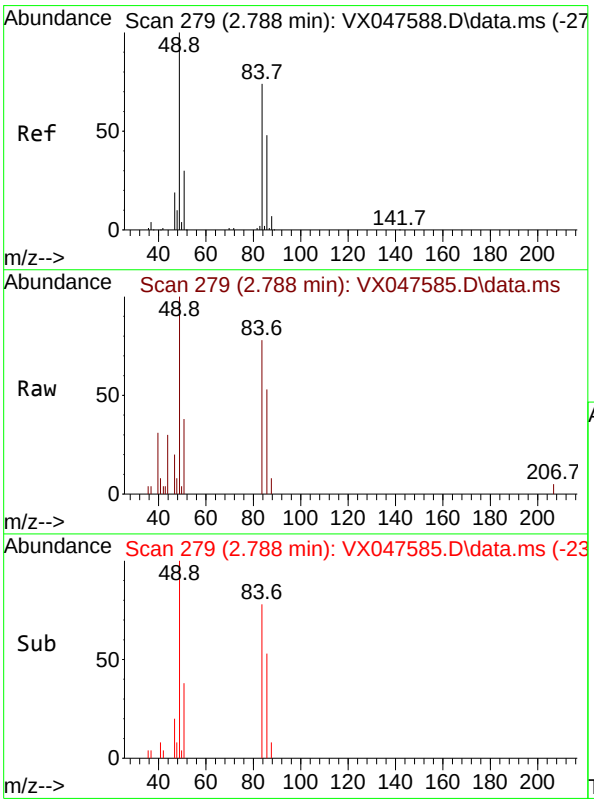
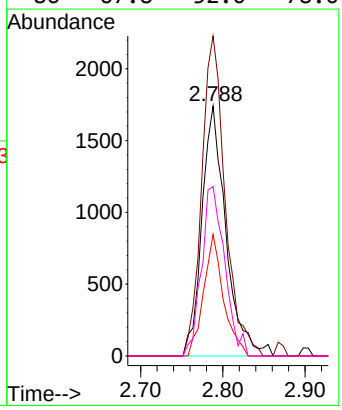
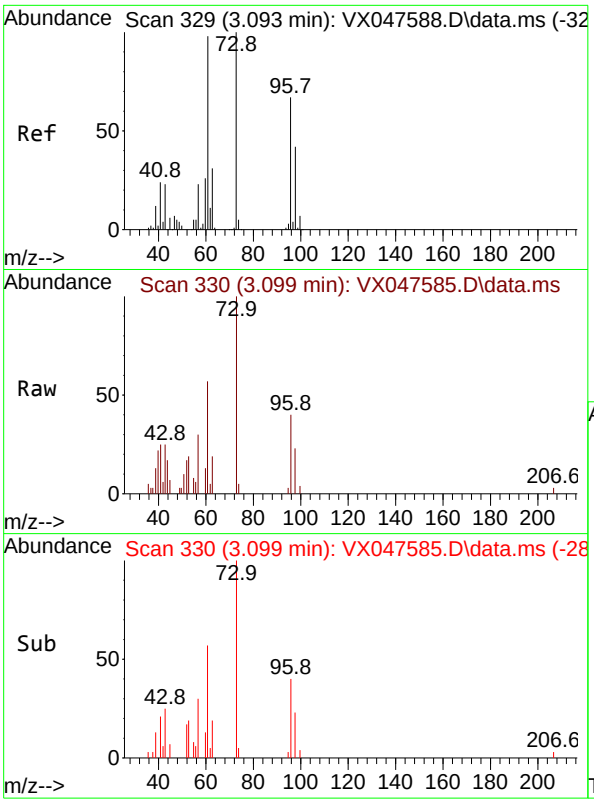


#20
Methylene Chloride
Concen: 0.981 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 84 Resp: 3540

Ion	Ratio	Lower	Upper
84	100		
49	128.0	108.6	162.8
51	48.6	32.6	48.8
86	67.8	52.0	78.0





#21
trans-1,2-Dichloroethene
Concen: 0.849 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 96 Resp: 267

Ion	Ratio	Lower	Upper
96	100		
61	139.9	116.2	174.2
98	57.6	49.3	73.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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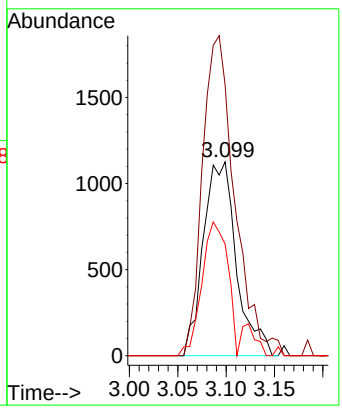
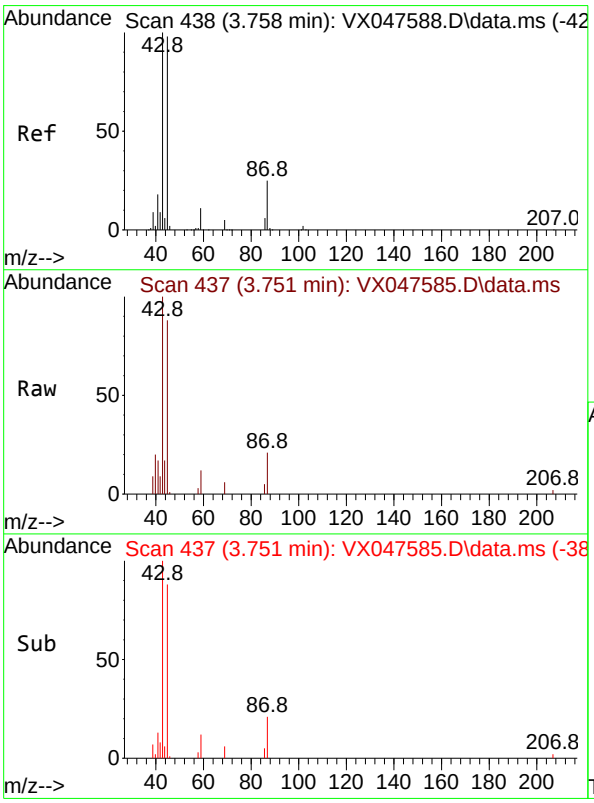
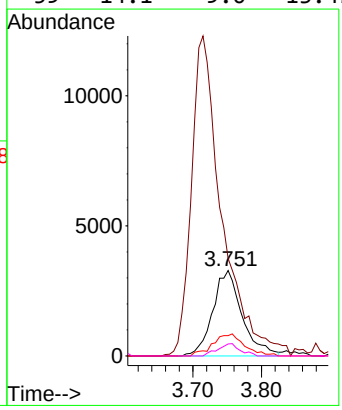


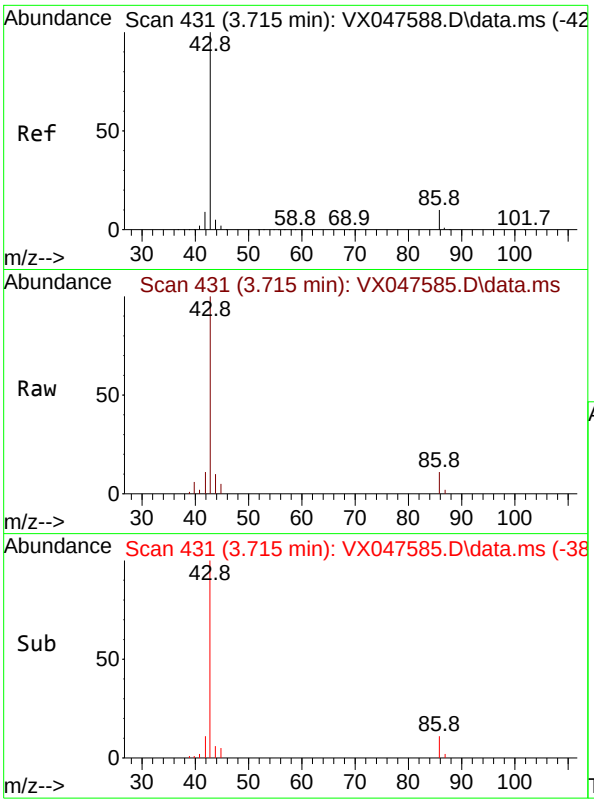


#22
Diisopropyl ether
Concen: 0.832 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 45 Resp: 9738

Ion	Ratio	Lower	Upper
45	100		
43	117.9	81.0	121.4
87	23.7	20.3	30.5
59	14.1	9.0	13.4#





#23
Vinyl Acetate
Concen: 4.052 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 3796

Ion	Ratio	Lower	Upper
43	100		
86	10.9	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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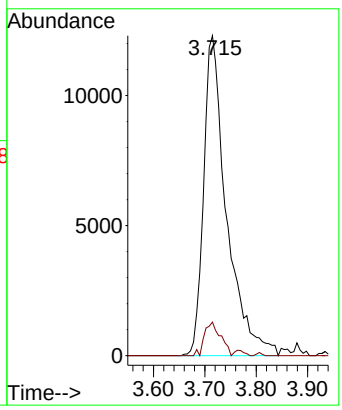
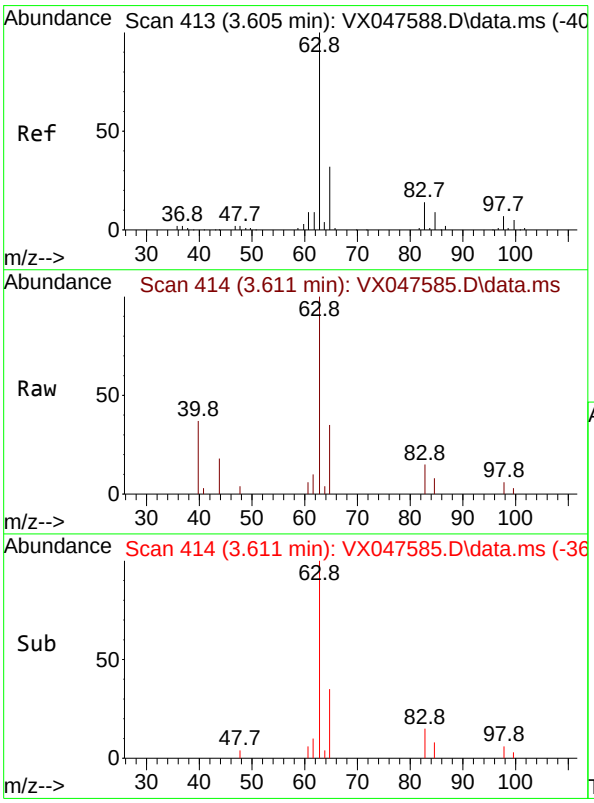
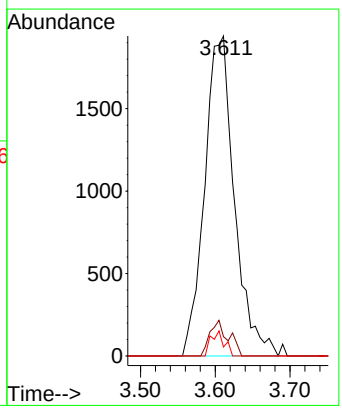


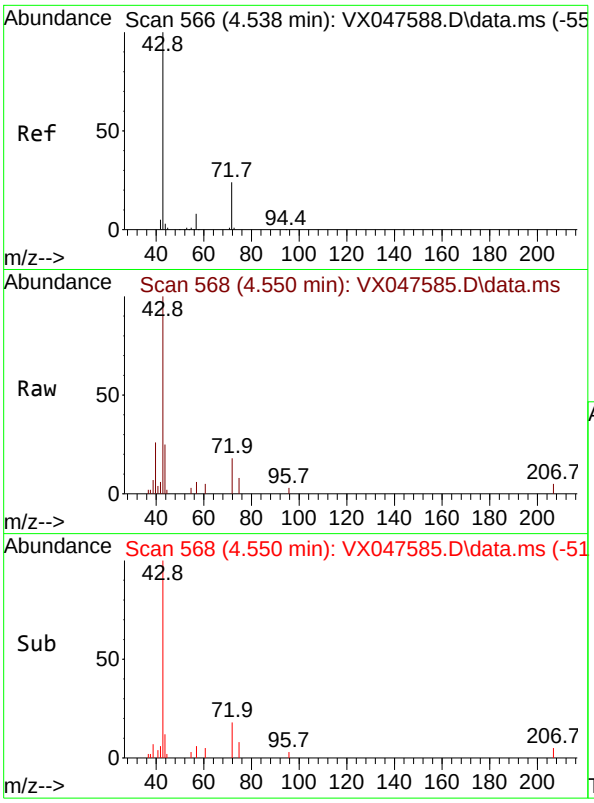


#24
1,1-Dichloroethane
Concen: 0.863 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 5372

Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.8	11.2
100	2.8	2.3	6.9





#25
2-Butanone
Concen: 4.281 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 910

Ion	Ratio	Lower	Upper
43	100		
72	16.3	20.1	30.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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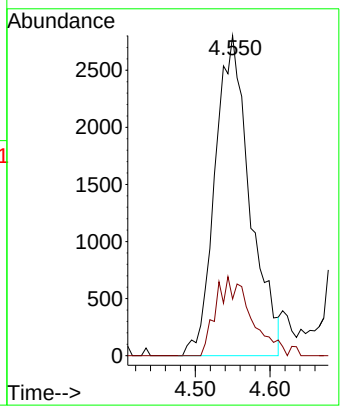
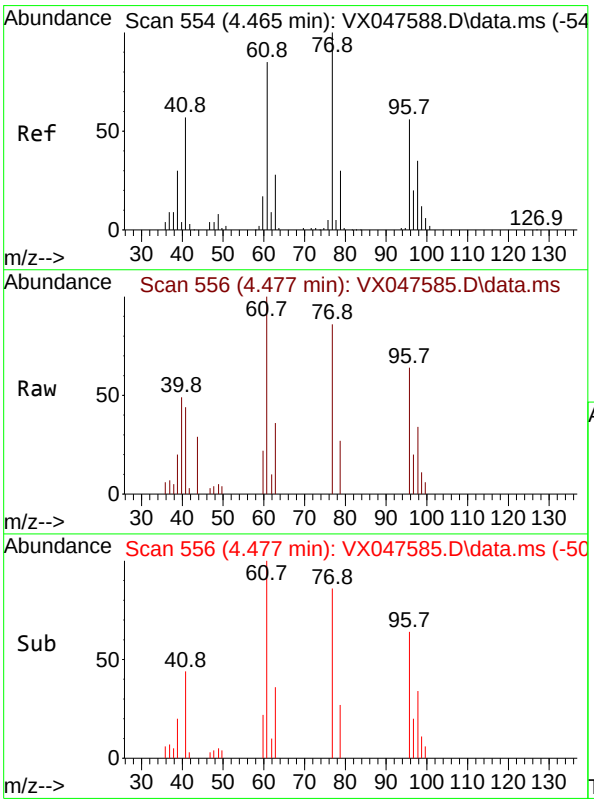
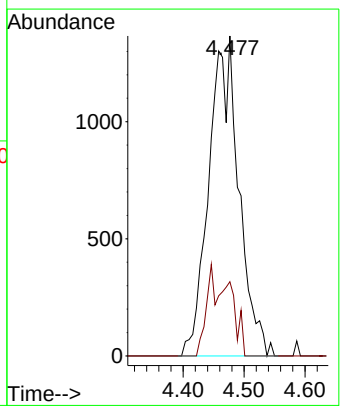


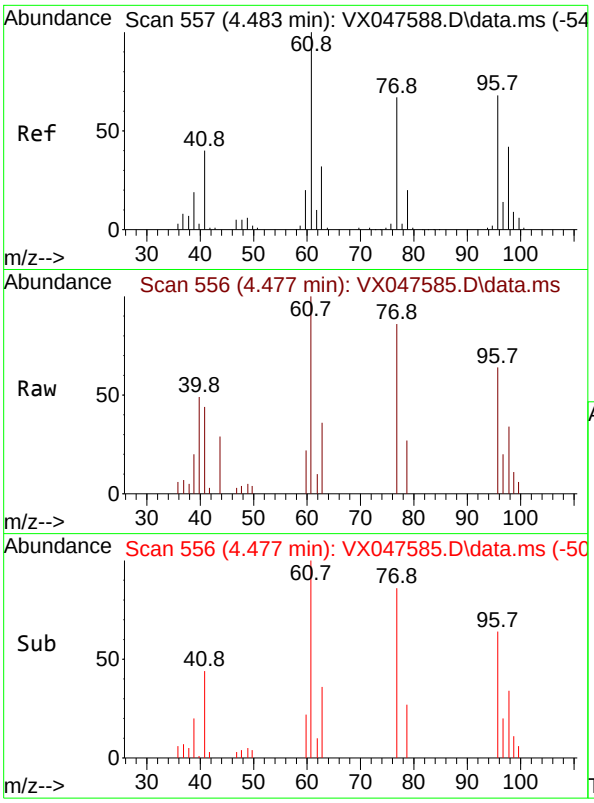


#26
2,2-Dichloropropane
Concen: 0.901 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 77 Resp: 4657

Ion	Ratio	Lower	Upper
77	100		
97	11.0	10.9	32.7

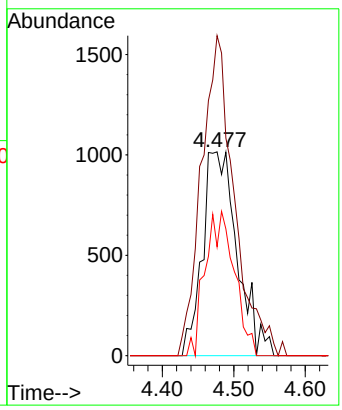




#27
cis-1,2-Dichloroethene
Concen: 0.891 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 96 Resp: 344

Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	303.2
98	59.4	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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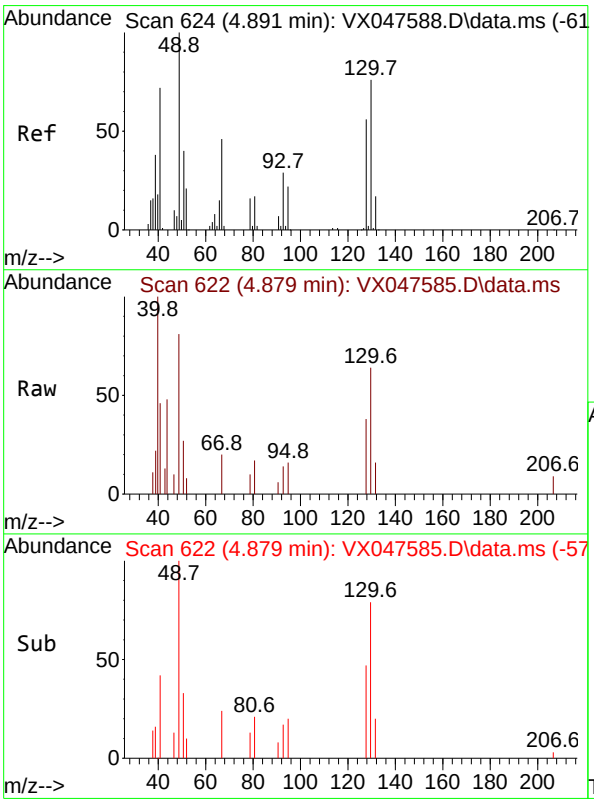
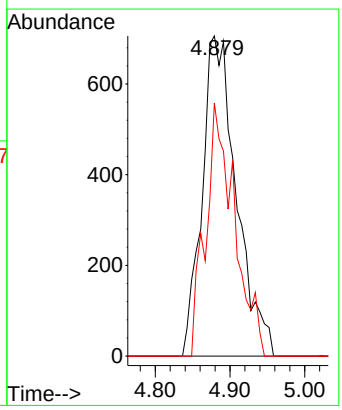
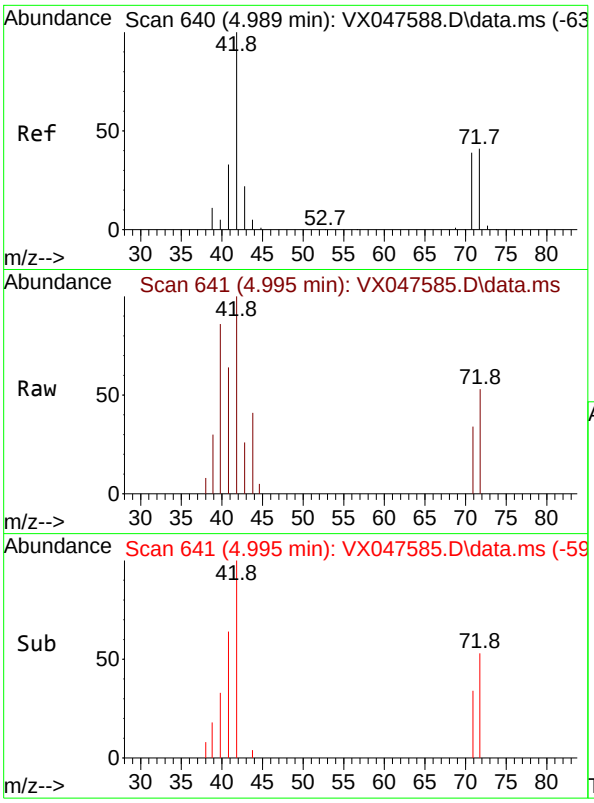


#28
Bromochloromethane
Concen: 0.829 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 49 Resp: 2251

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.2
130	66.2	57.8	86.8





#29
Tetrahydrofuran
Concen: 4.072 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 42 Resp: 521

Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.2	51.2
71	41.3	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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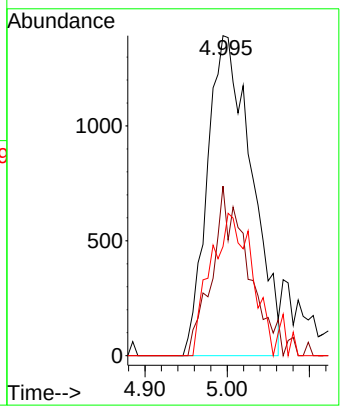
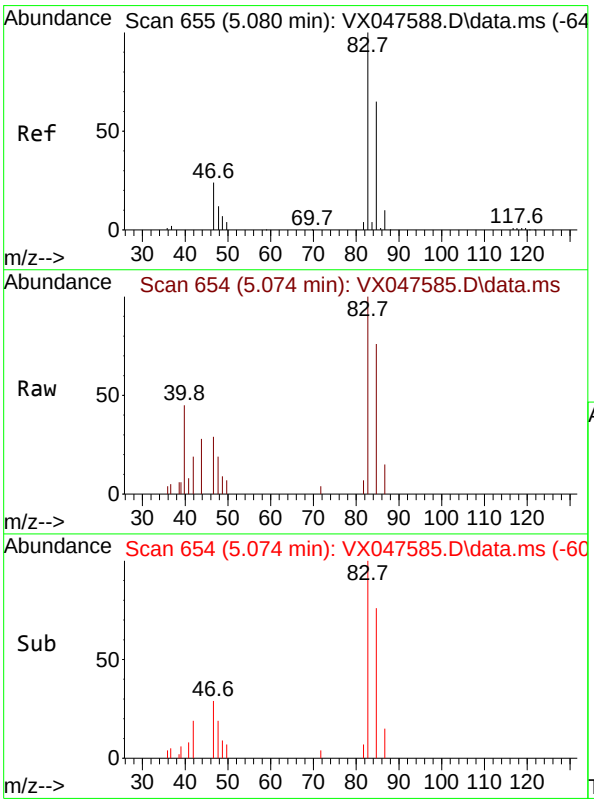
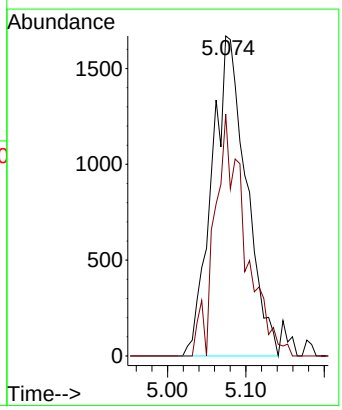


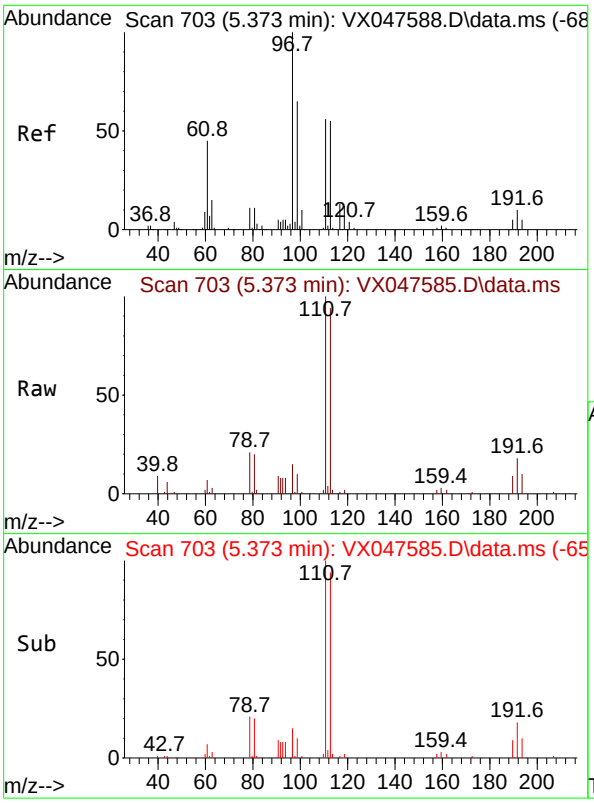


#30
Chloroform
Concen: 0.810 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 5093

Ion	Ratio	Lower	Upper
83	100		
85	75.6	51.8	77.6





#32
1,1,1-Trichloroethane
Concen: 0.832 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 97 Resp: 443

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0
61	36.2	35.8	53.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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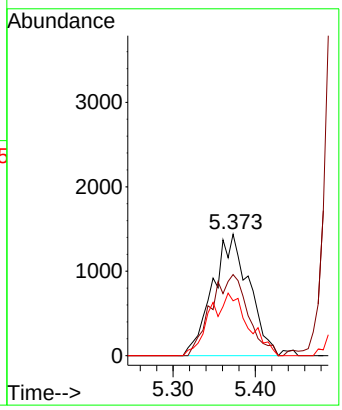
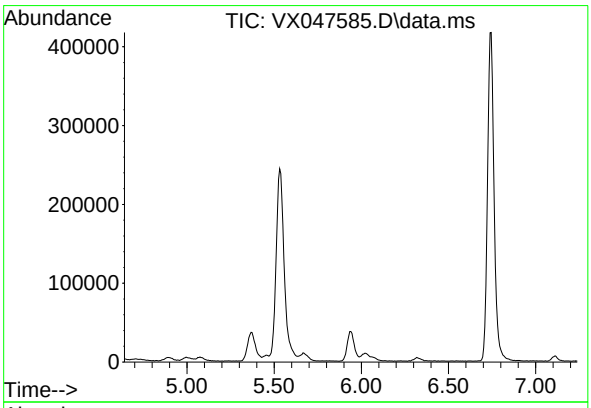


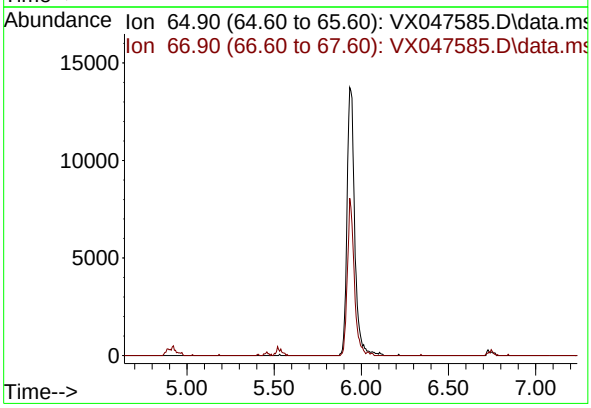


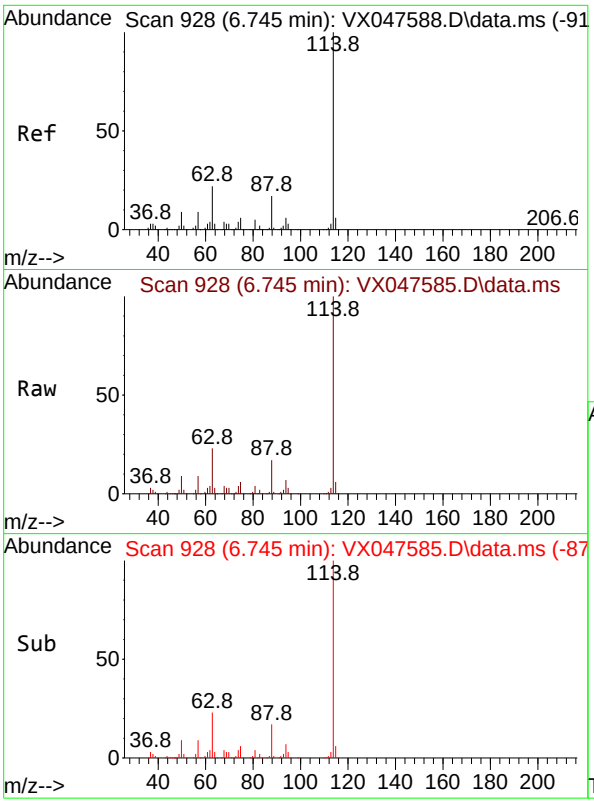
#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.94 min

Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	51.5





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:114 Resp: 45150

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	16.6	0.0	34.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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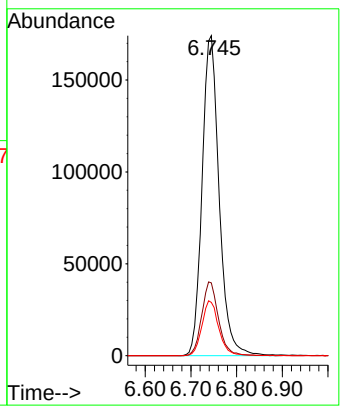
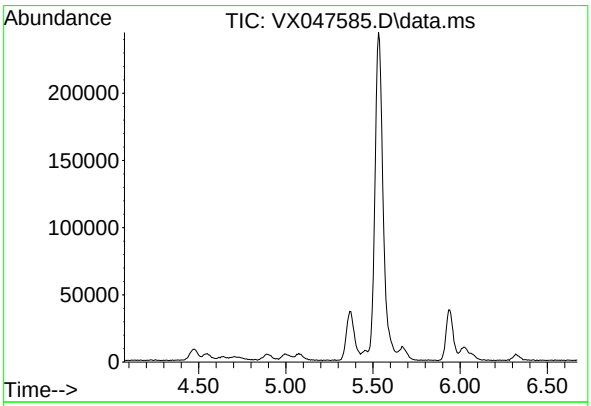


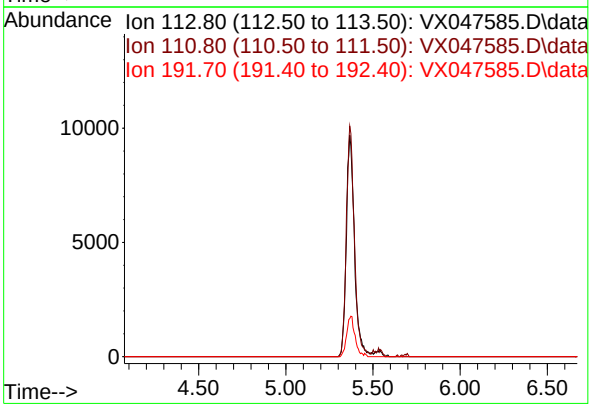


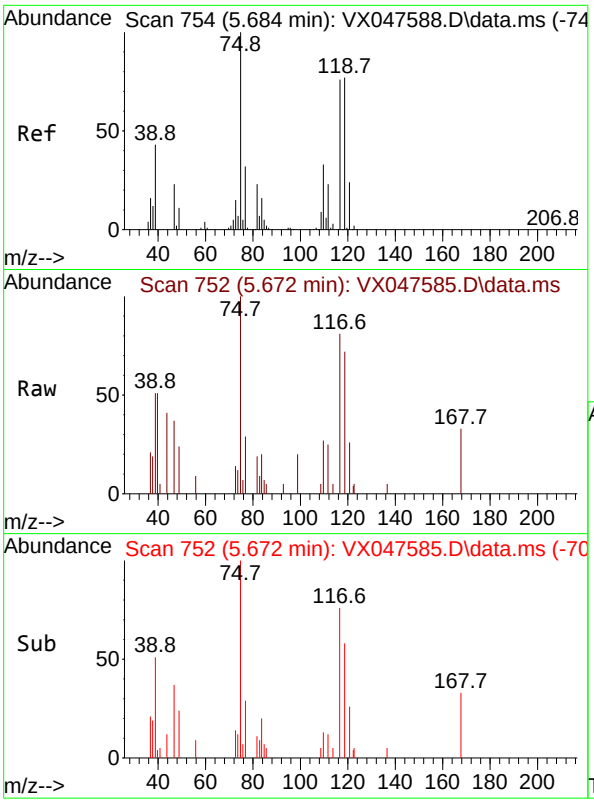
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.37 min

Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	101.1
192	17.8

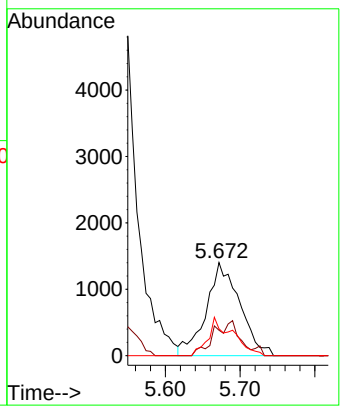




#36
1,1-Dichloropropene
Concen: 0.988 ug/l
RT: 5.672 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 437

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.7	50.1#
77	30.0	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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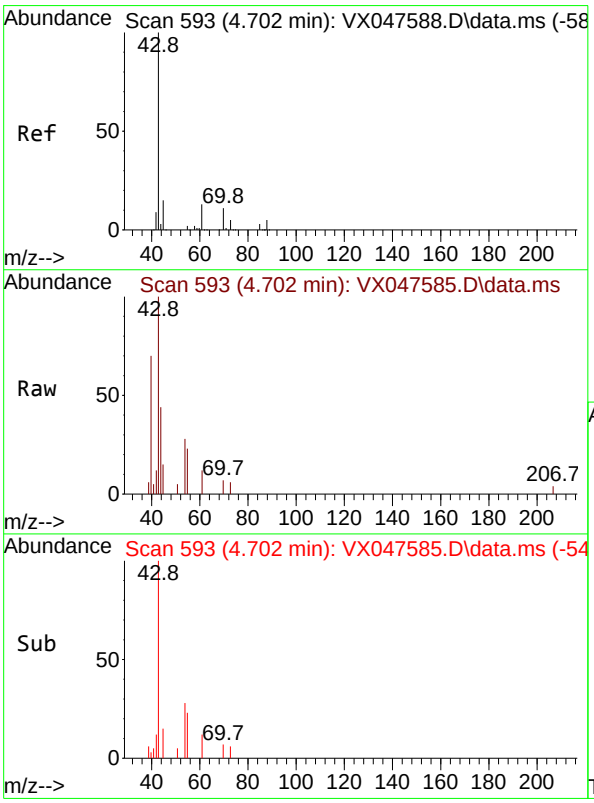
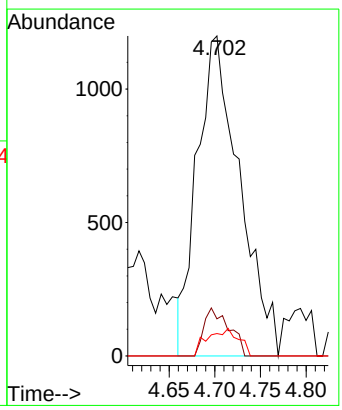
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

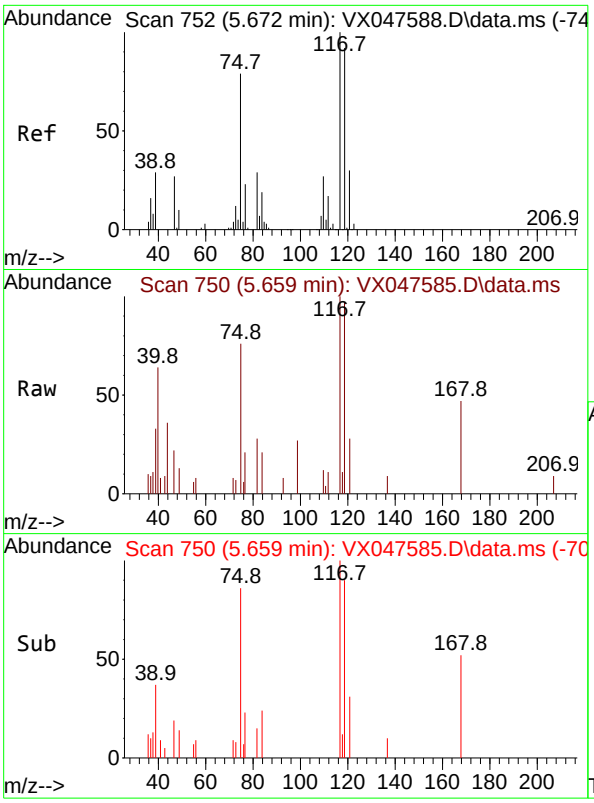


#37
Ethyl Acetate
Concen: 0.818 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 3873

Ion	Ratio	Lower	Upper
43	100		
61	8.9	9.8	14.8#
70	6.2	7.9	11.9#

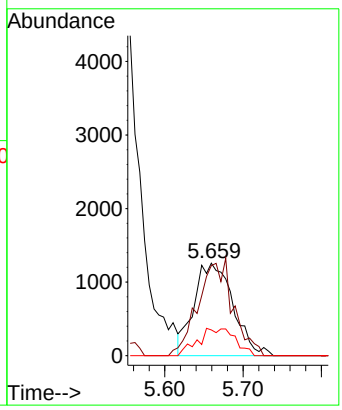




#38
Carbon Tetrachloride
Concen: 0.905 ug/l
RT: 5.659 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 434

Ion	Ratio	Lower	Upper
117	100		
119	97.3	73.4	110.2
121	27.8	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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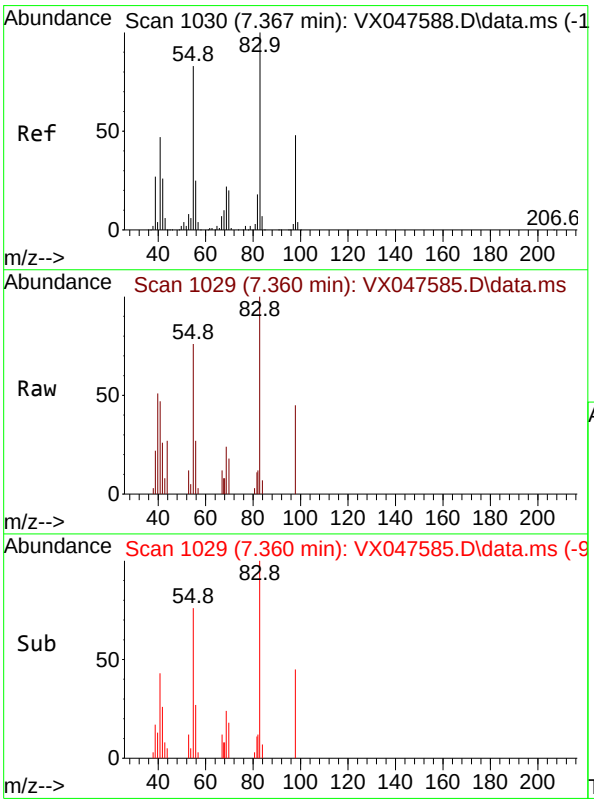
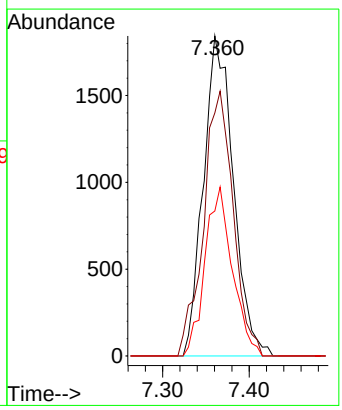
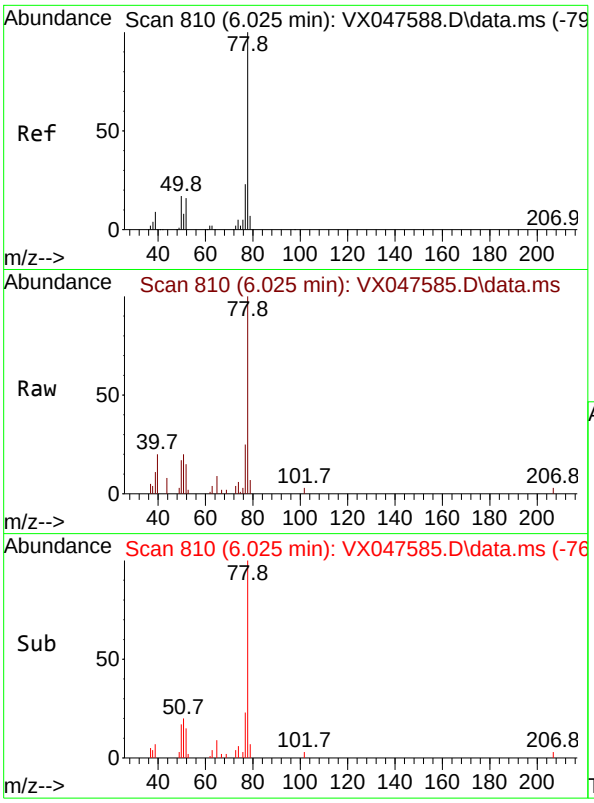


#39
Methylcyclohexane
Concen: 0.882 ug/l
RT: 7.360 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 4428

Ion	Ratio	Lower	Upper
83	100		
55	76.0	66.4	99.6
98	45.3	38.1	57.1

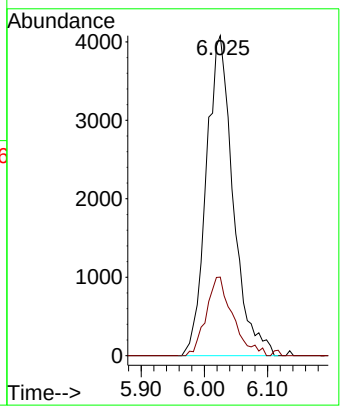




#40
Benzene
Concen: 0.894 ug/l
RT: 6.025 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 78 Resp: 1201

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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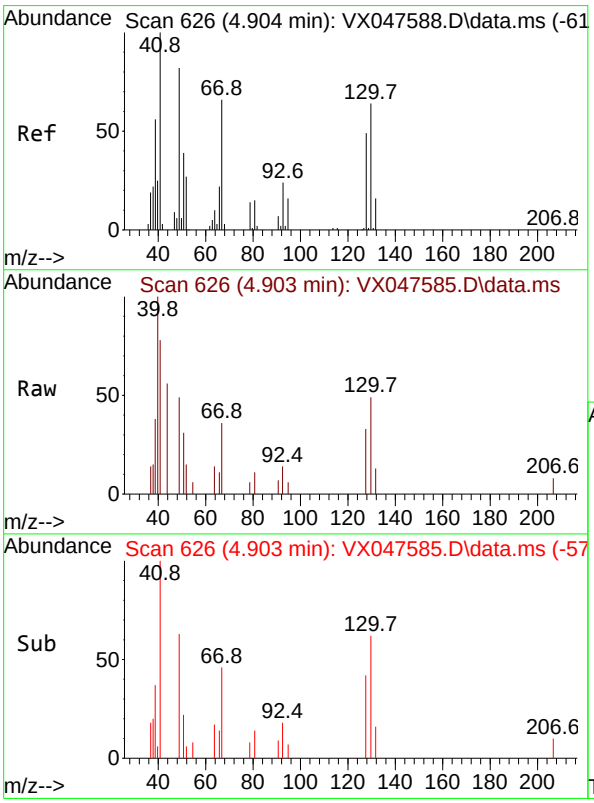
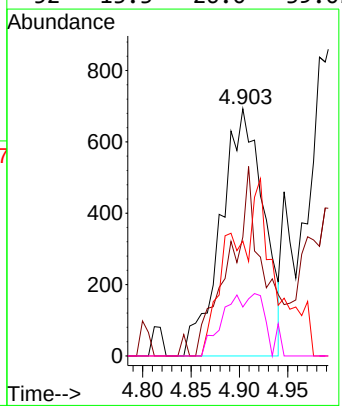
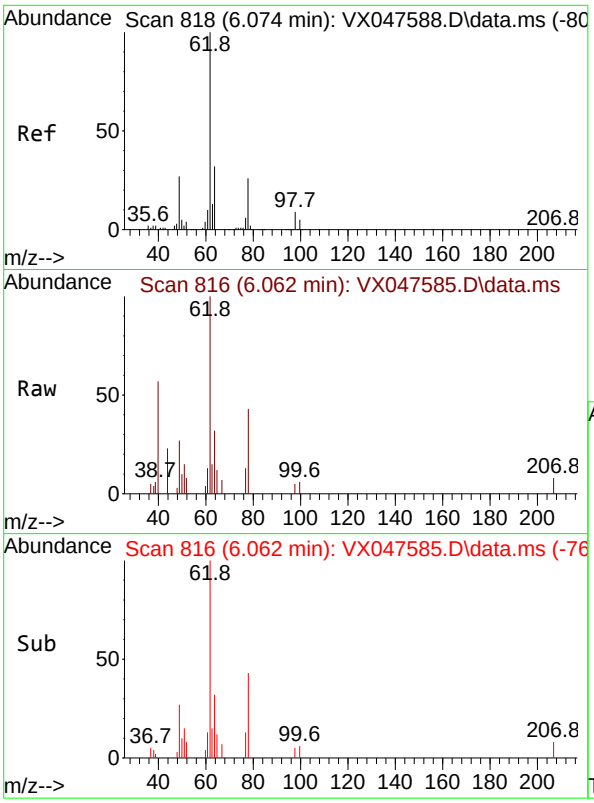


#41
Methacrylonitrile
Concen: 0.870 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 2128

Ion	Ratio	Lower	Upper
41	100		
39	60.3	43.3	64.9
67	23.5	58.6	87.8#
52	13.3	26.0	39.0#





#42
1,2-Dichloroethane
Concen: 0.906 ug/l
RT: 6.062 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 463

Ion	Ratio	Lower	Upper
62	100		
98	1.4	0.0	17.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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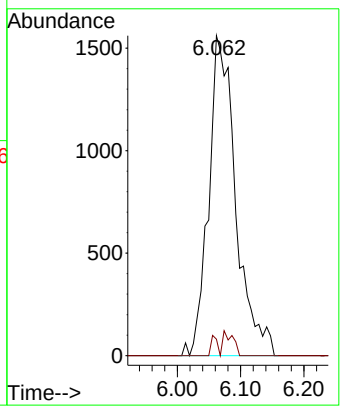
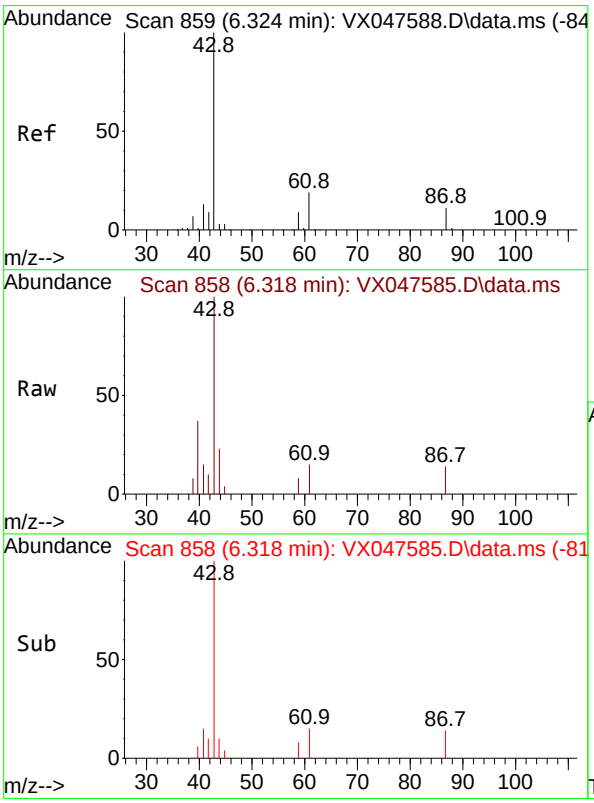
Supervised By :Mahesh Dadoda 09/18/2025

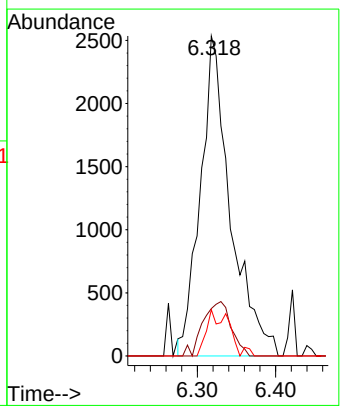


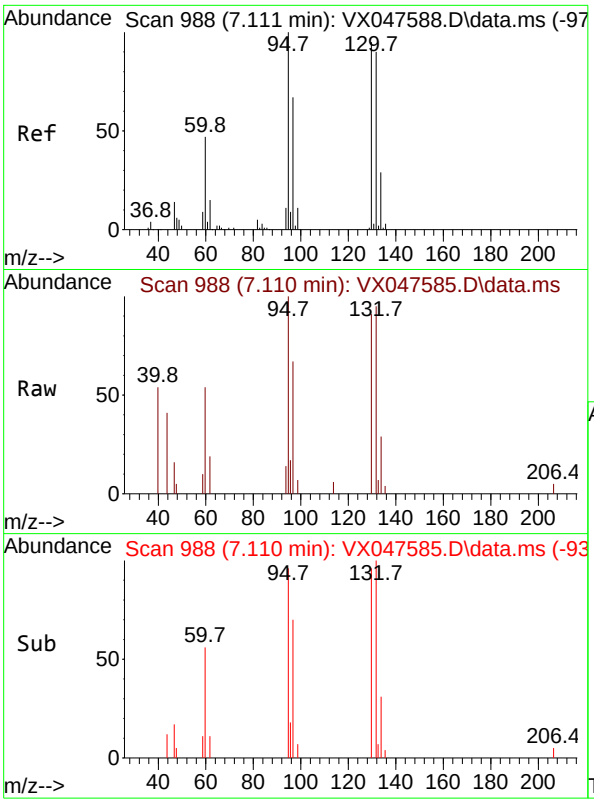


#43
Isopropyl Acetate
Concen: 0.873 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 6784

Ion	Ratio	Lower	Upper
43	100		
61	15.9	15.2	22.8
87	10.1	9.6	14.4





#44
Trichloroethene
Concen: 0.824 ug/l
RT: 7.110 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:130 Resp: 267

Ion	Ratio	Lower	Upper
130	100		
95	127.9	0.0	210.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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Reviewed By :John Carlone 09/17/2025
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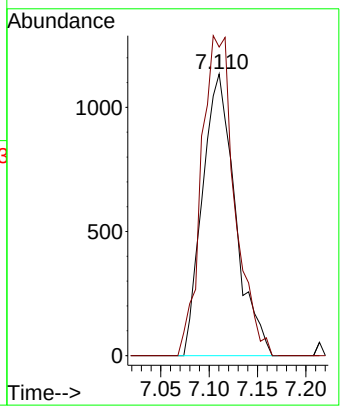
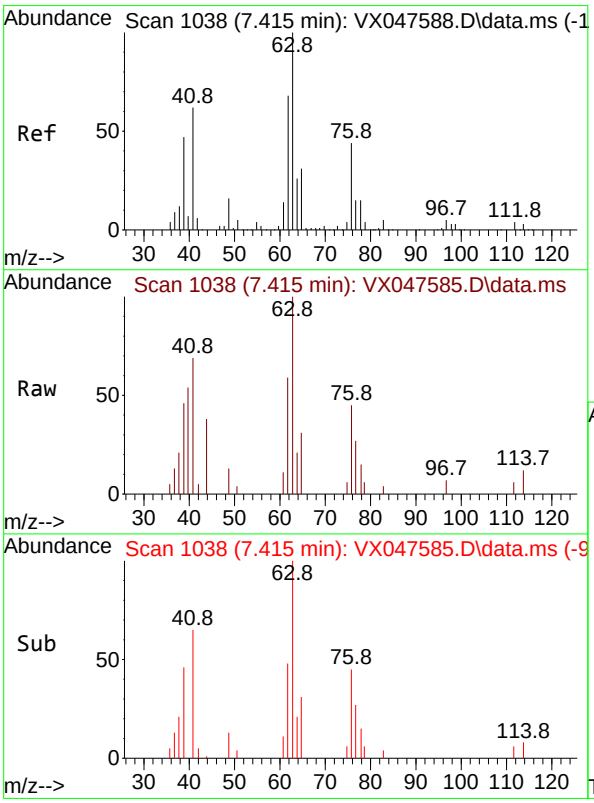
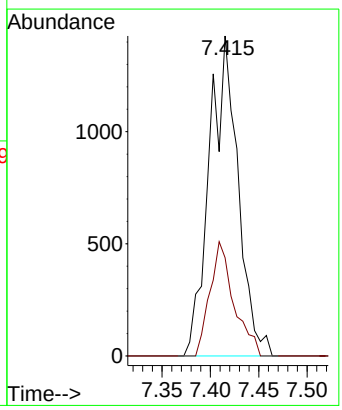


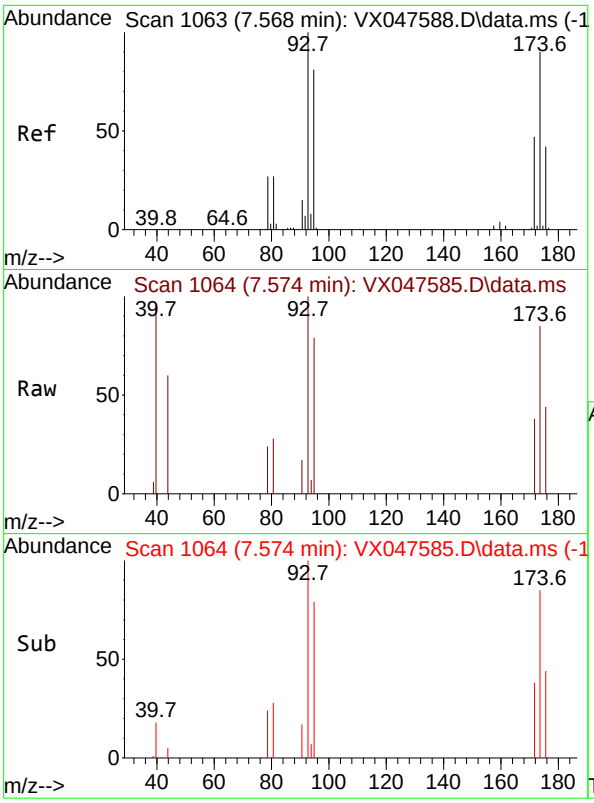


#45
1,2-Dichloropropane
Concen: 0.856 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 2945

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1

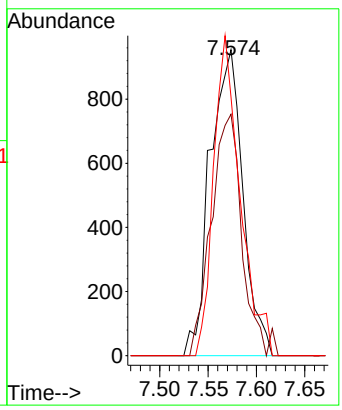




#46
Dibromomethane
Concen: 0.895 ug/l
RT: 7.574 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 93 Resp: 224

Ion	Ratio	Lower	Upper
93	100		
95	74.4	65.0	97.6
174	85.1	71.6	107.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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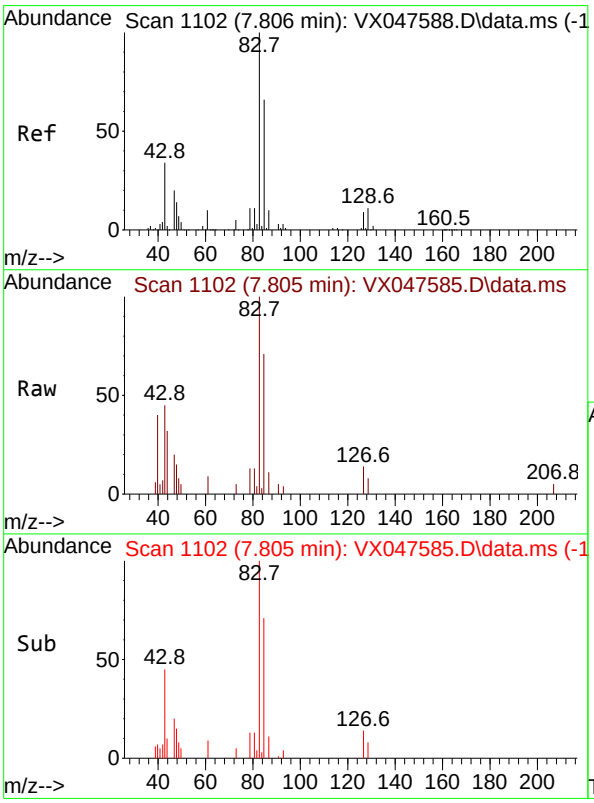
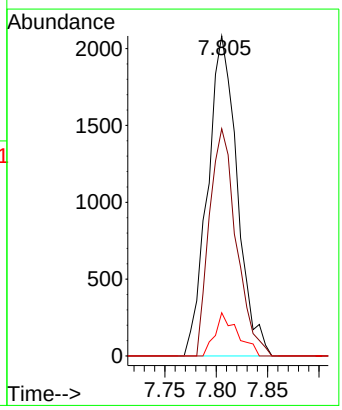
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

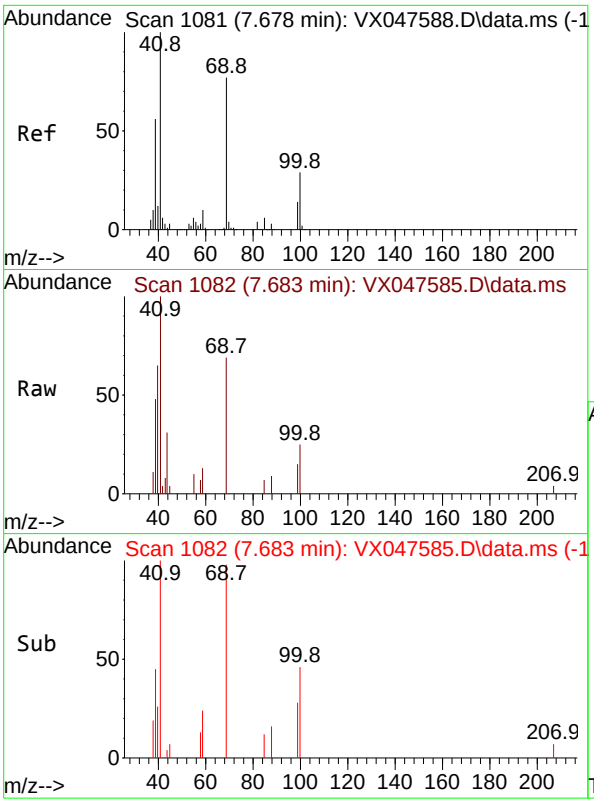


#47
Bromodichloromethane
Concen: 0.806 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 4167

Ion	Ratio	Lower	Upper
83	100		
85	71.0	52.5	78.7
127	13.5	6.9	10.3#





#48
Methyl methacrylate
Concen: 0.867 ug/l
RT: 7.683 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 335

Ion	Ratio	Lower	Upper
41	100		
69	59.3	61.4	92.2#
39	59.5	45.8	68.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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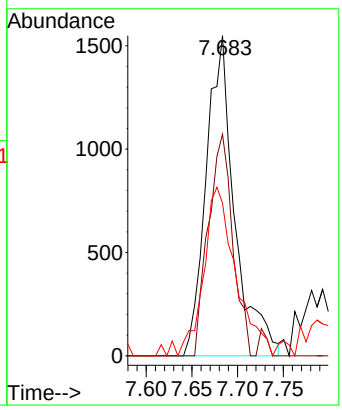
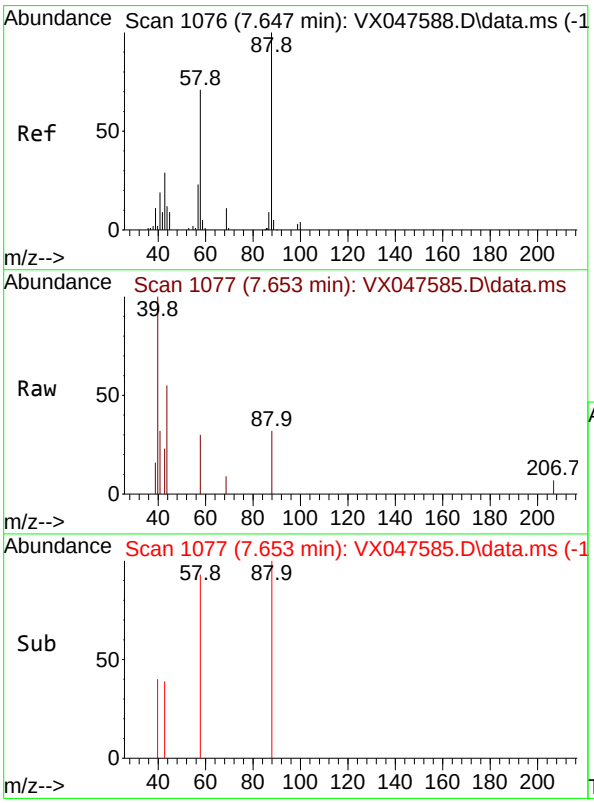
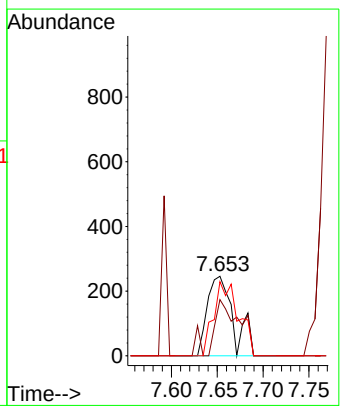


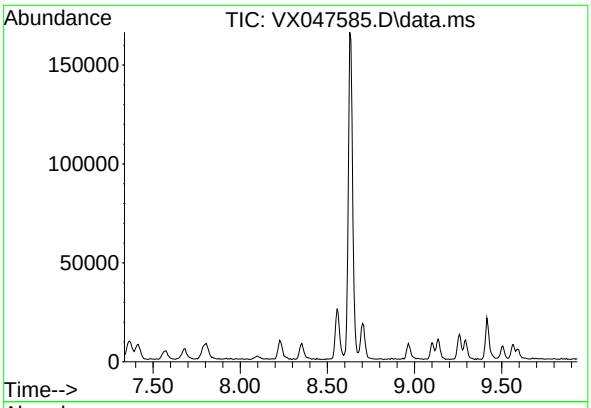


#49
1,4-Dioxane
Concen: 12.477 ug/l m
RT: 7.653 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 88 Resp: 488

Ion	Ratio	Lower	Upper
88	100		
43	64.1	30.2	45.2#
58	88.9	59.5	89.3





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

Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	66.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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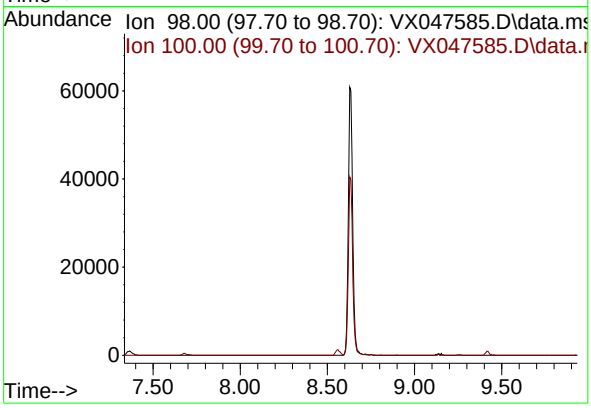
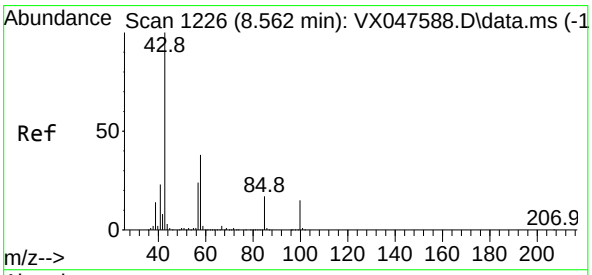
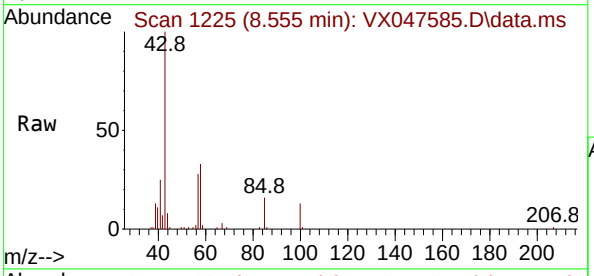
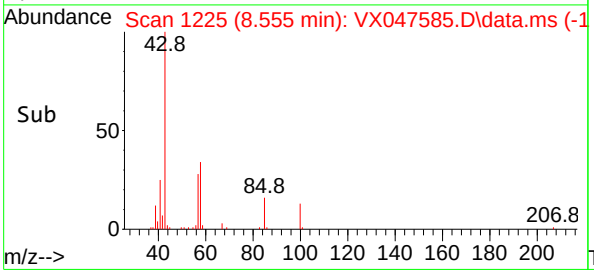
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025





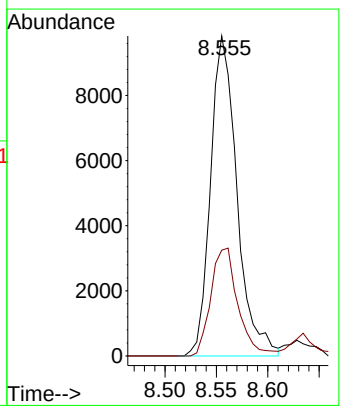


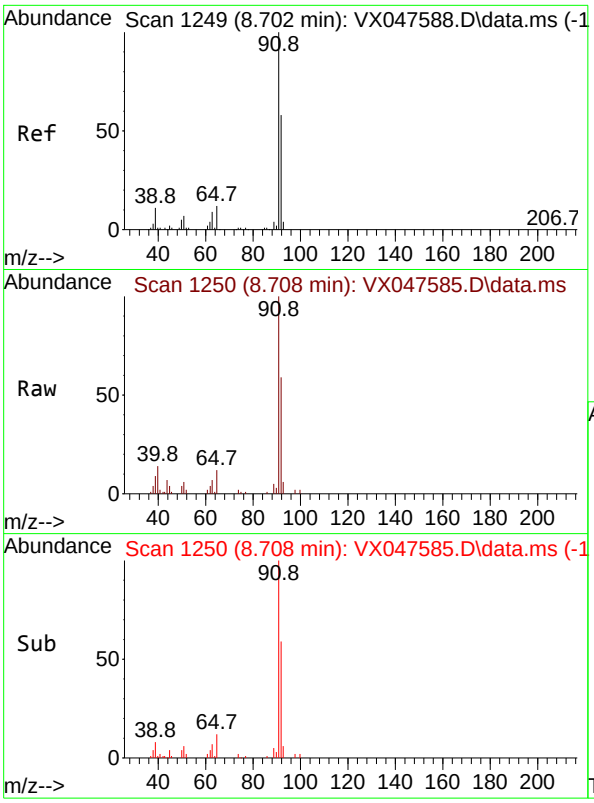


#51
4-Methyl-2-Pentanone
Concen: 4.085 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 17596

Ion	Ratio	Lower	Upper
43	100		
58	34.7	30.3	45.5

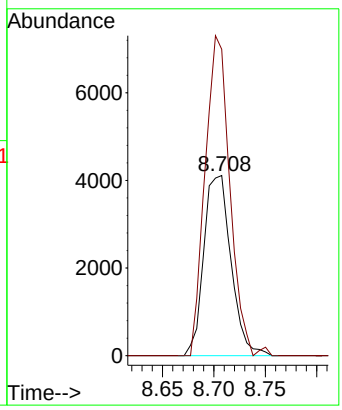




#52
Toluene
Concen: 0.917 ug/l
RT: 8.708 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 92 Resp: 759

Ion	Ratio	Lower	Upper
92	100		
91	160.7	137.1	205.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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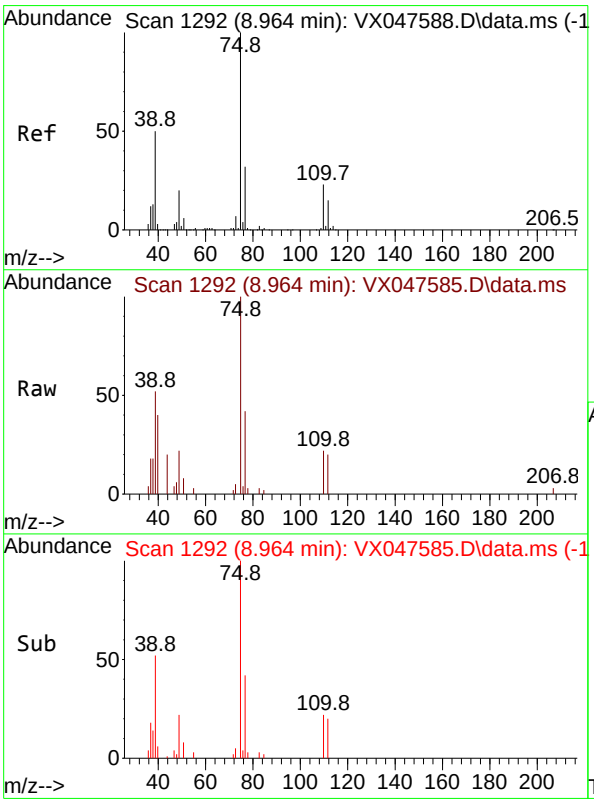
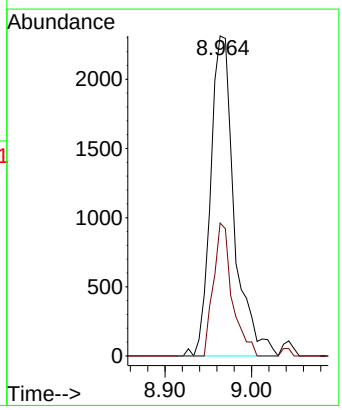
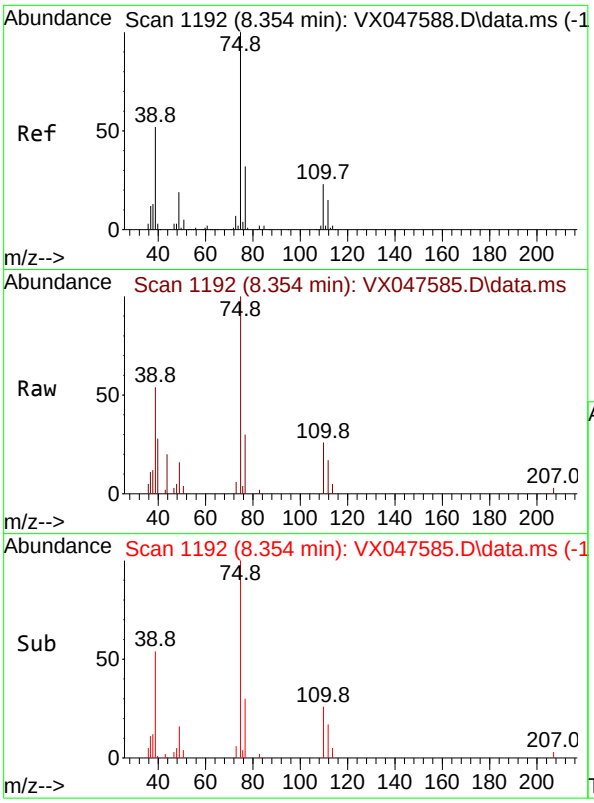


#53
t-1,3-Dichloropropene
Concen: 0.834 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4398

Ion	Ratio	Lower	Upper
75	100		
77	41.5	25.4	38.2#

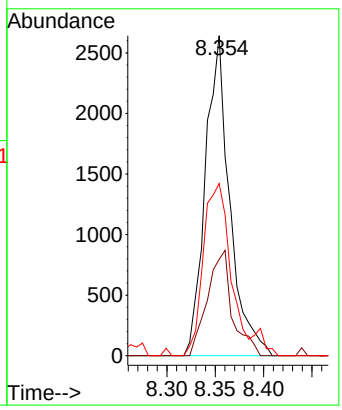




#54
cis-1,3-Dichloropropene
Concen: 0.823 ug/l
RT: 8.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 463

Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.8	38.6
39	25.6	41.4	62.2#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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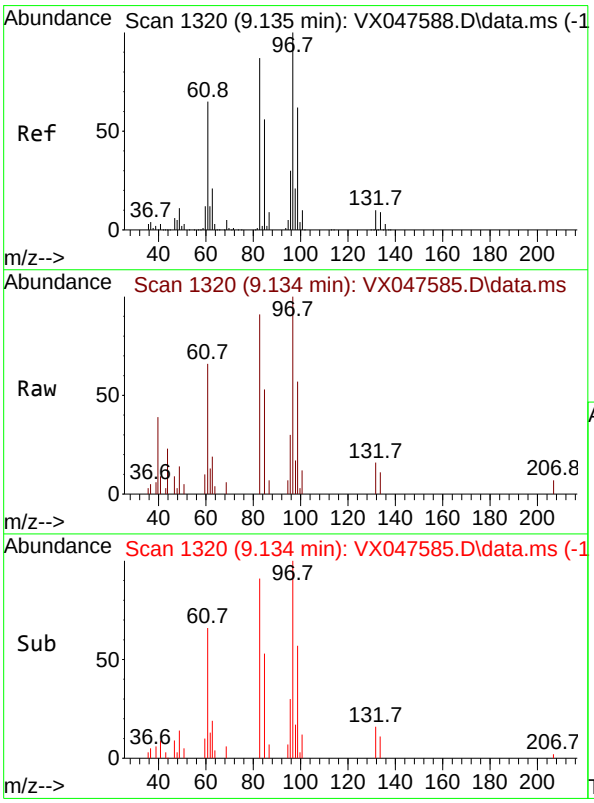
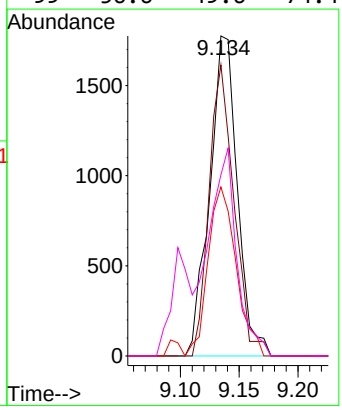
Supervised By :Mahesh Dadoda 09/18/2025

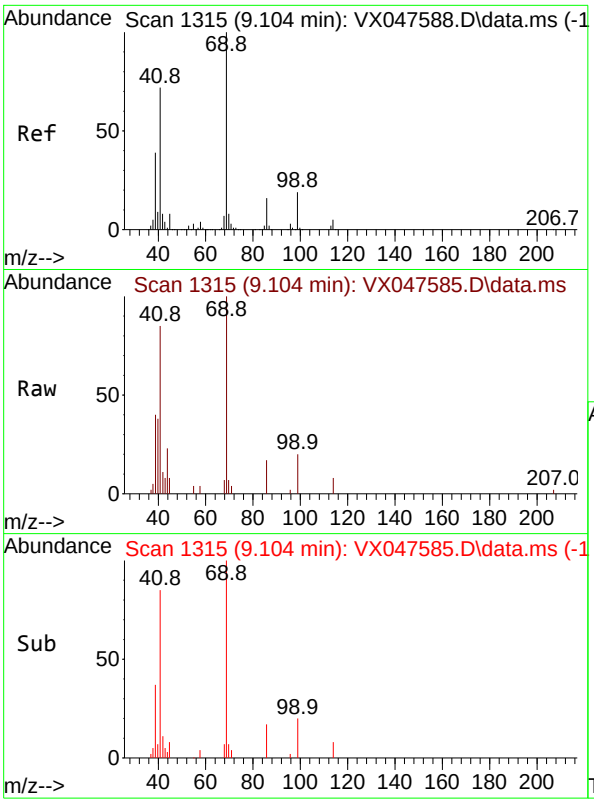


#55
1,1,2-Trichloroethane
Concen: 0.914 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 97 Resp: 2918

Ion	Ratio	Lower	Upper
97	100		
83	90.9	69.6	104.4
85	52.8	45.0	67.6
99	56.6	49.6	74.4

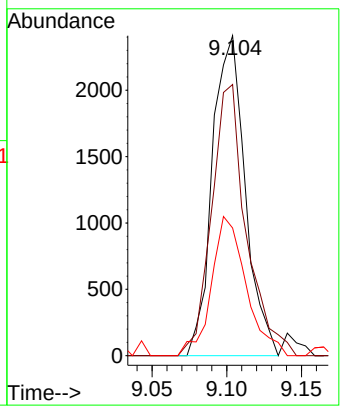




#56
Ethyl methacrylate
Concen: 0.734 ug/l
RT: 9.104 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 69 Resp: 367

Ion	Ratio	Lower	Upper
69	100		
41	89.4	58.6	87.8
39	46.0	31.5	47.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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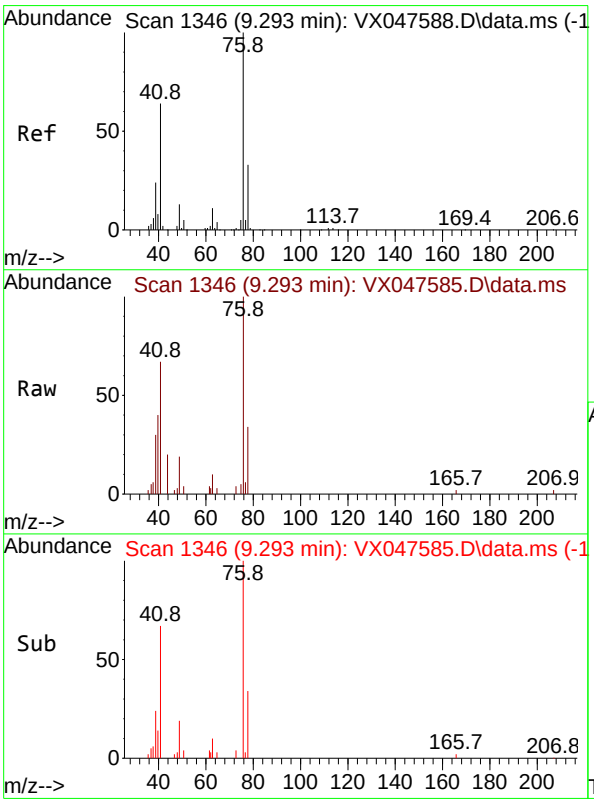
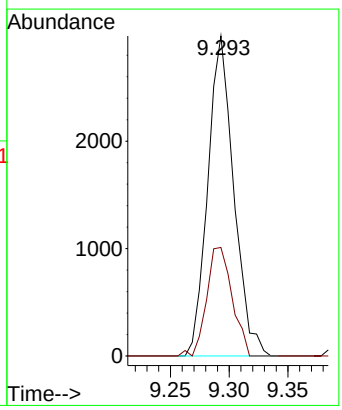
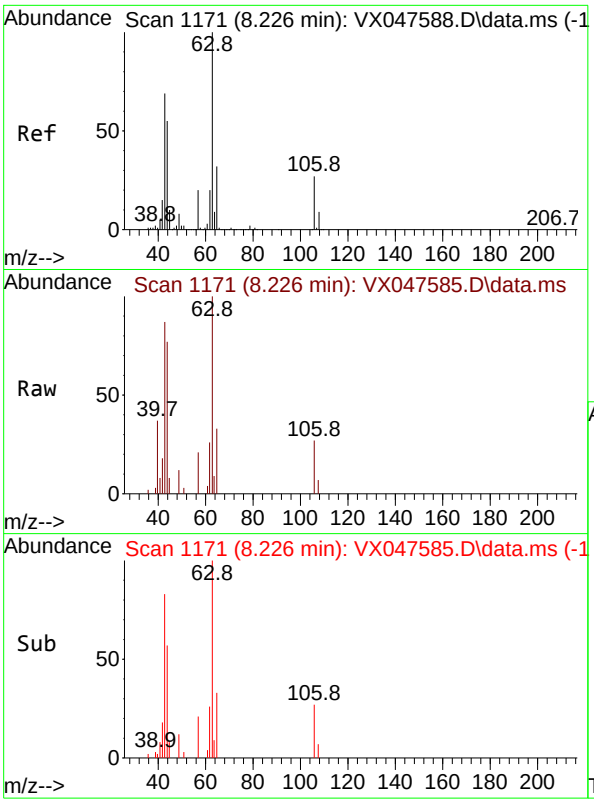


#57
1,3-Dichloropropane
Concen: 0.835 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 76 Resp: 4580

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.4





#58
2-Chloroethyl Vinyl ether
Concen: 9.665 ug/l
RT: 8.226 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 422

Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.9	32.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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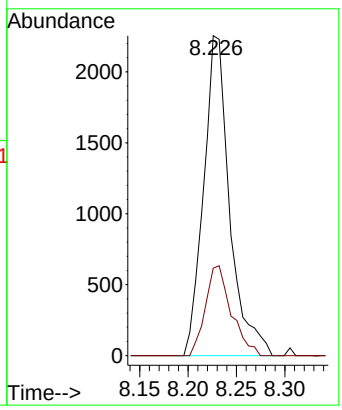
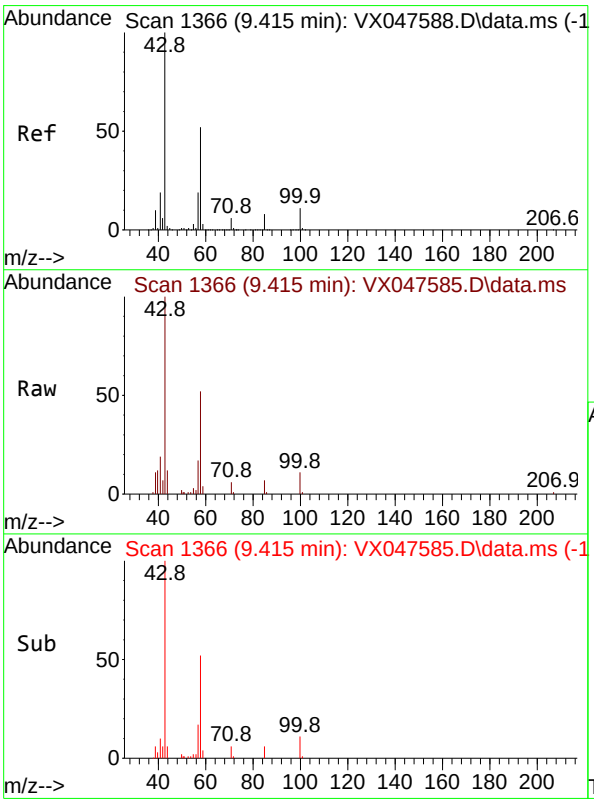
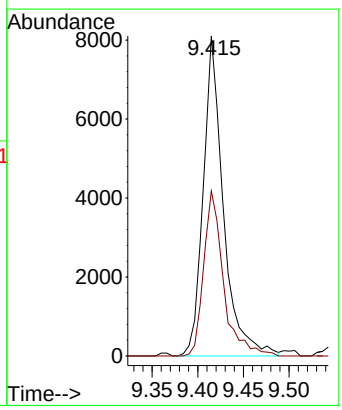


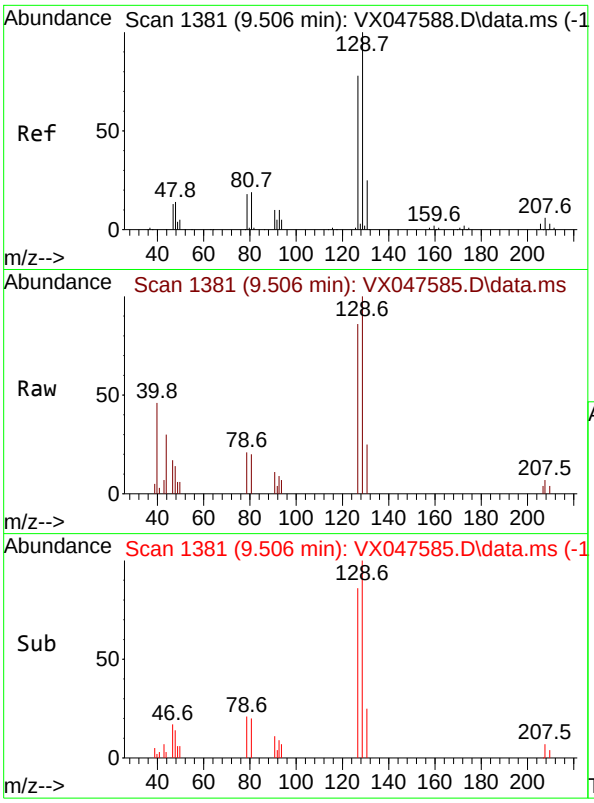


#59
2-Hexanone
Concen: 4.003 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 12385

Ion	Ratio	Lower	Upper
43	100		
58	50.7	26.1	78.2

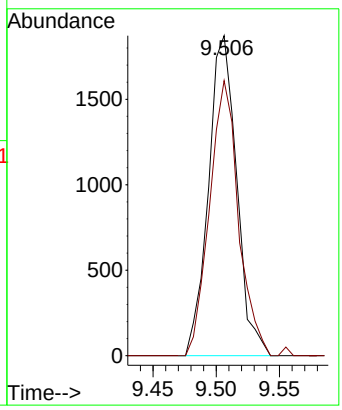




#60
Dibromochloromethane
Concen: 0.789 ug/l
RT: 9.506 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:129 Resp: 290

Ion	Ratio	Lower	Upper
129	100		
127	88.2	38.4	115.2



Instrument :
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ClientSampleId :
VSTDICC001

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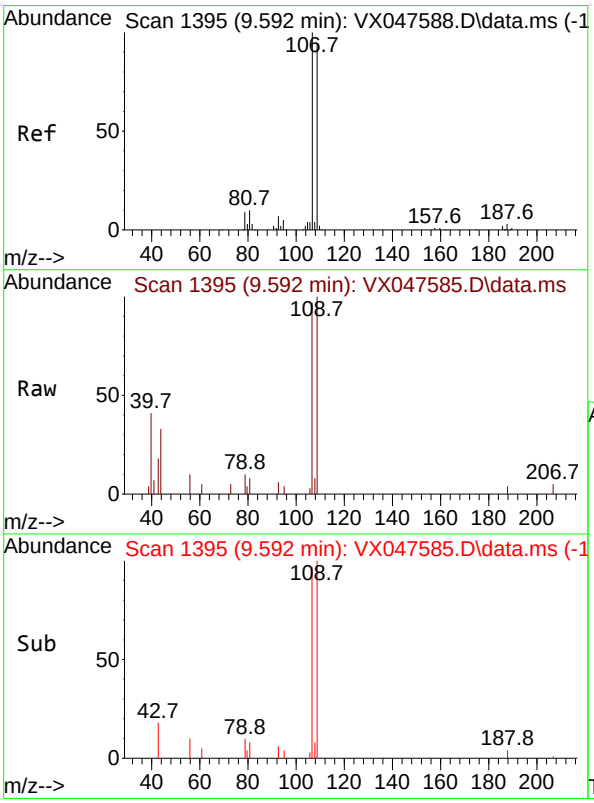
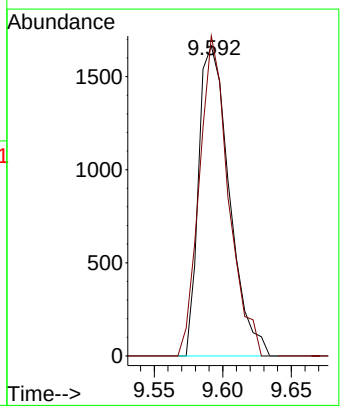
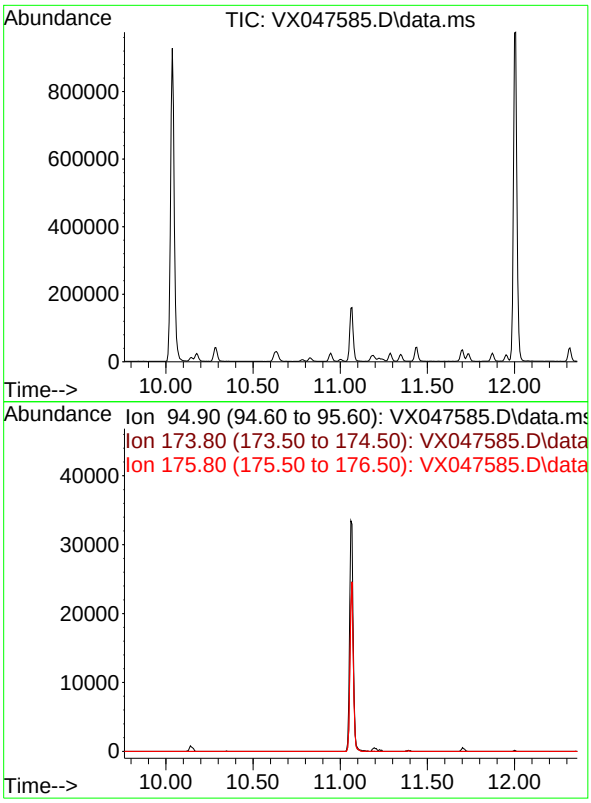


#61
1,2-Dibromoethane
Concen: 0.798 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:107 Resp: 2596

Ion	Ratio	Lower	Upper
107	100		
109	97.7	75.3	112.9





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

Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	70.8
176	69.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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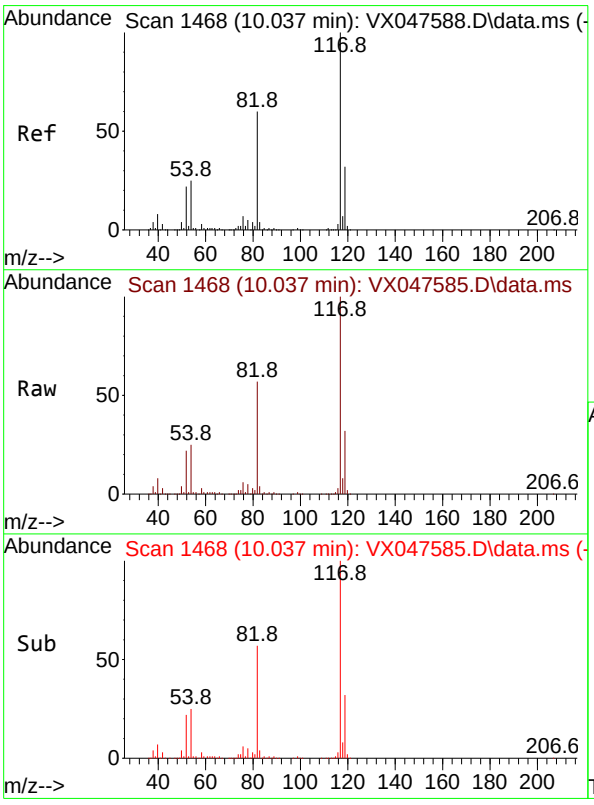
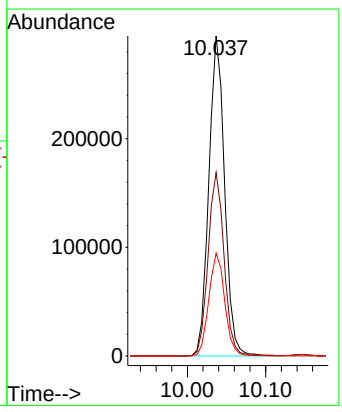
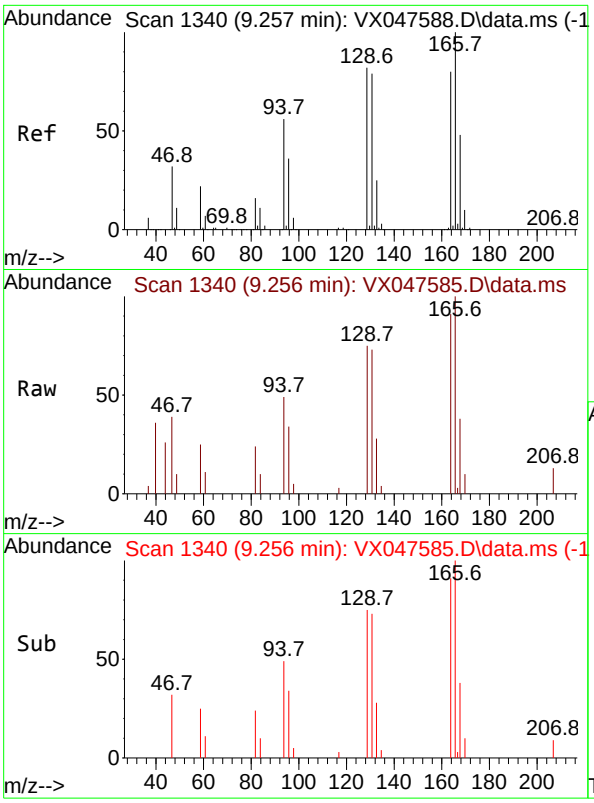


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 410953

Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.8	71.6
119	32.1	25.2	37.8

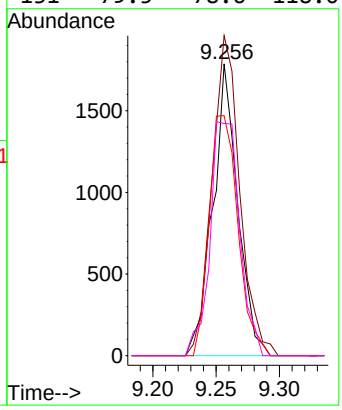




#64
Tetrachloroethene
Concen: 0.917 ug/l
RT: 9.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:164 Resp: 245

Ion	Ratio	Lower	Upper
164	100		
166	109.6	100.2	150.2
129	82.2	81.8	122.6
131	79.5	78.6	118.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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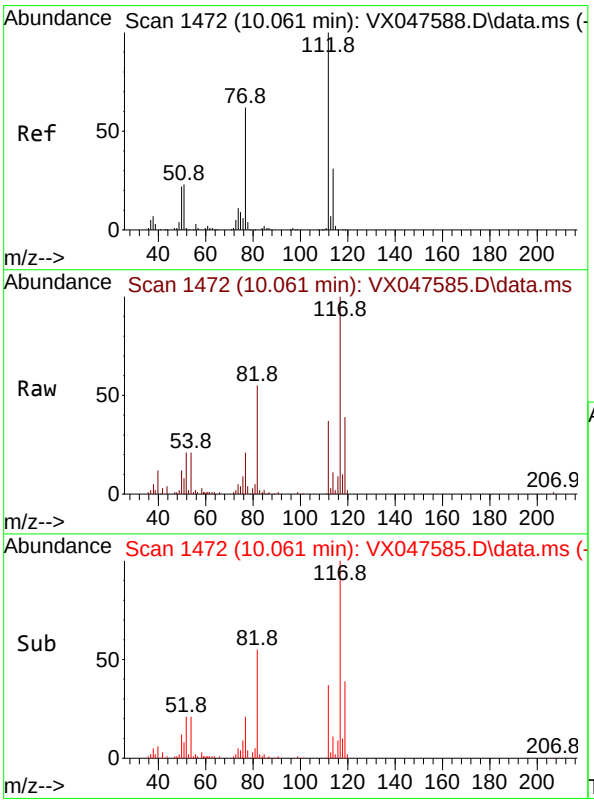
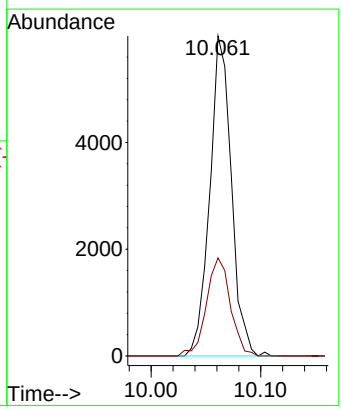
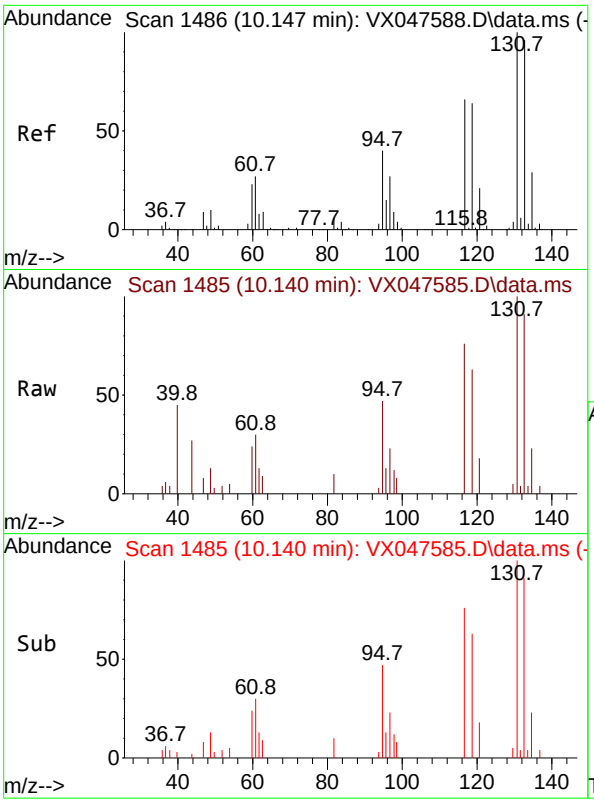


#65
Chlorobenzene
Concen: 0.879 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:112 Resp: 8202

Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.1	37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 0.833 ug/l
RT: 10.140 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:131 Resp: 268

Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.3	142.0
119	0.0	32.0	96.0#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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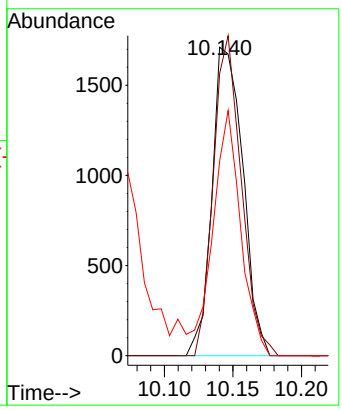
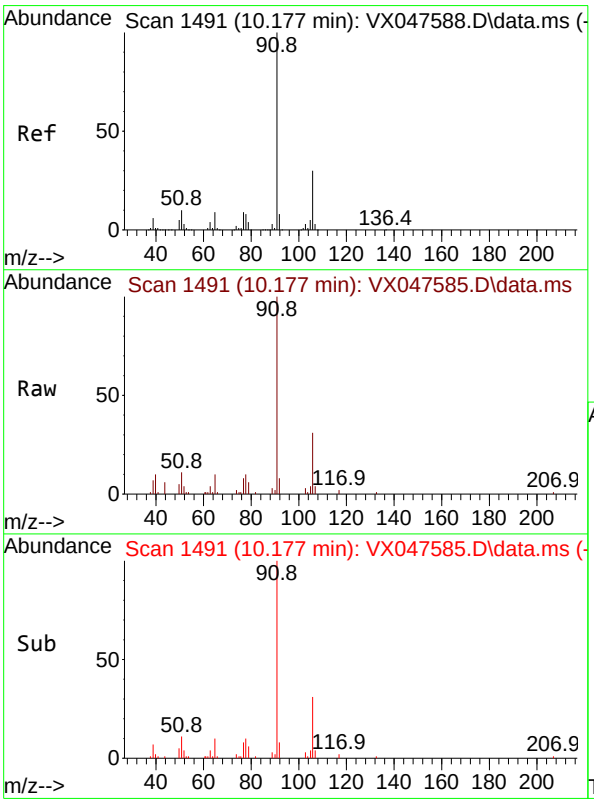
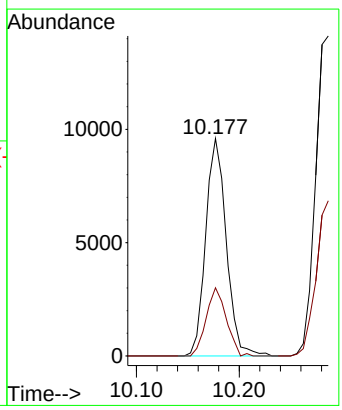


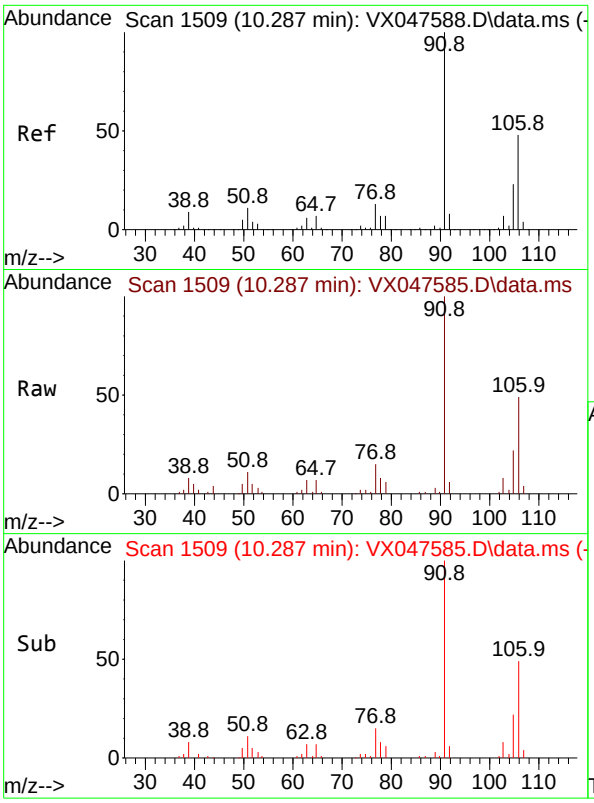


#67
Ethyl Benzene
Concen: 0.829 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 13360

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.3	36.5





#68
m/p-Xylenes
Concen: 1.655 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:106 Resp: 992

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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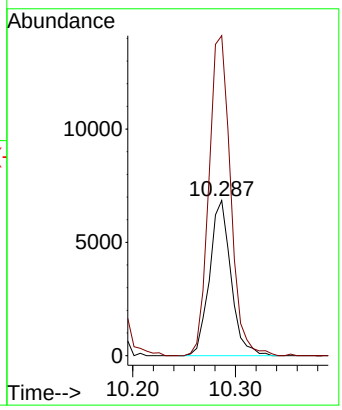
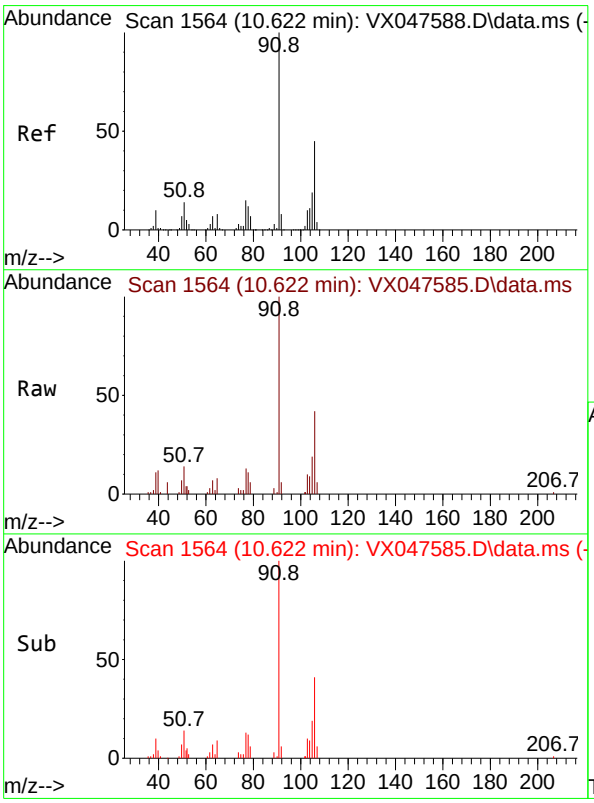
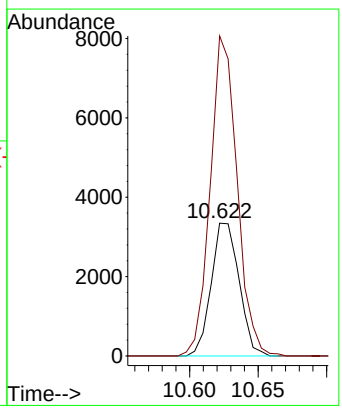


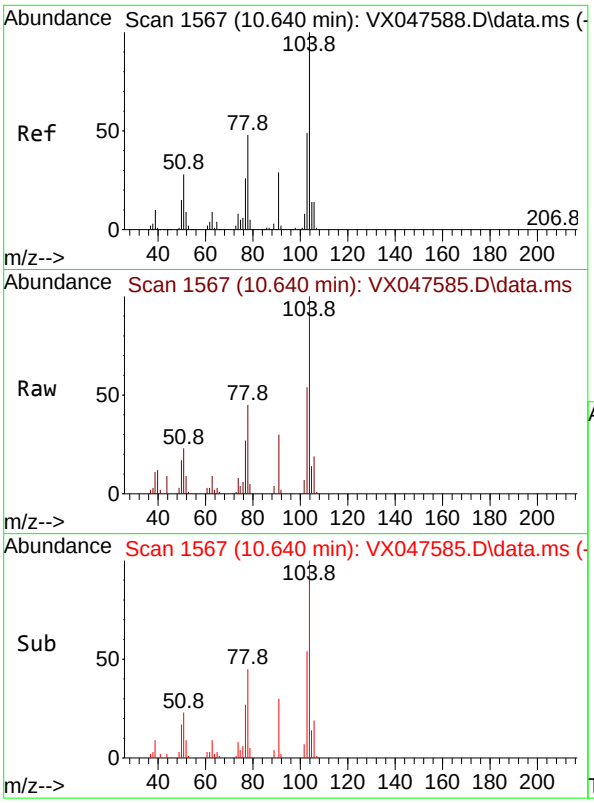


#69
o-Xylene
Concen: 0.816 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:106 Resp: 4734

Ion	Ratio	Lower	Upper
106	100		
91	232.4	111.1	333.4

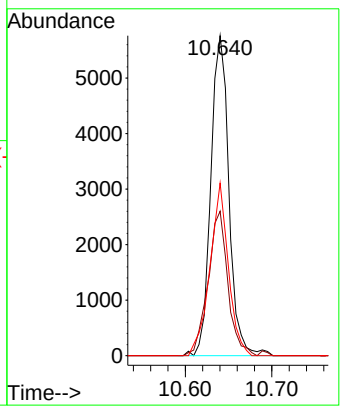




#70
Styrene
Concen: 0.824 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:104 Resp: 837

Ion	Ratio	Lower	Upper
104	100		
78	49.5	43.1	64.7
103	55.0	43.1	64.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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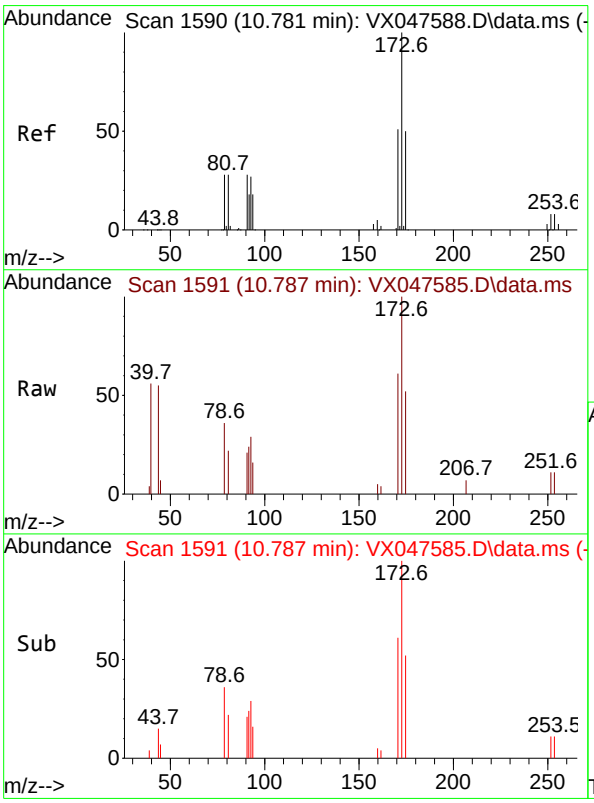
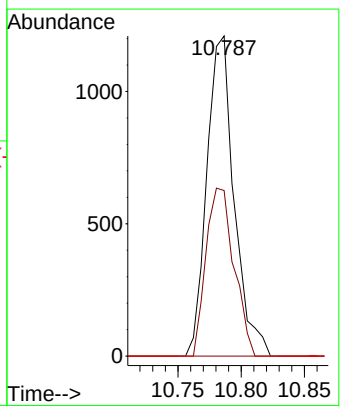
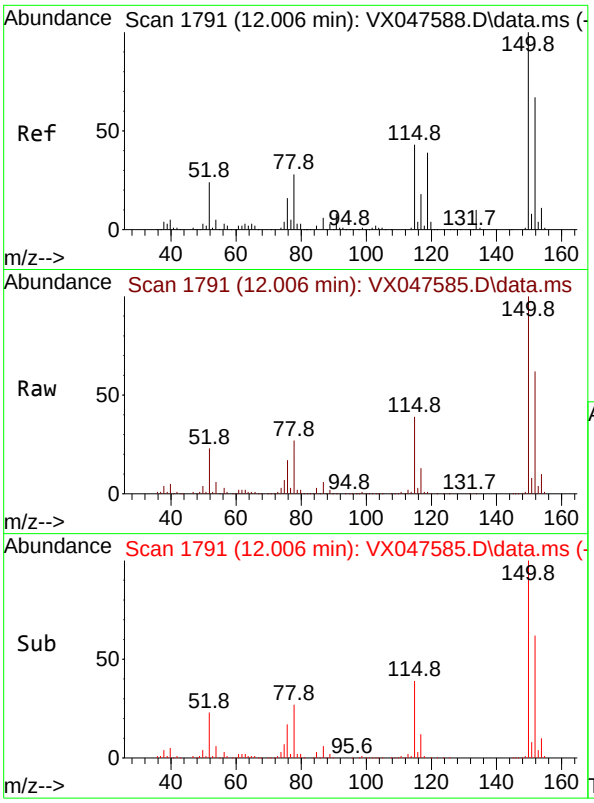


#71
Bromoform
Concen: 0.755 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:173 Resp: 1816

Ion	Ratio	Lower	Upper
173	100		
175	53.8	24.9	74.6
254	0.0	0.1	0.1#

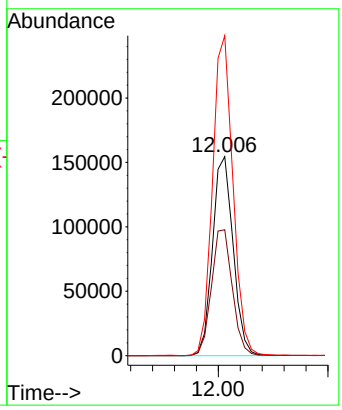




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:152 Resp: 20197

Ion	Ratio	Lower	Upper
152	100		
115	64.2	44.9	134.5
150	158.7	0.0	352.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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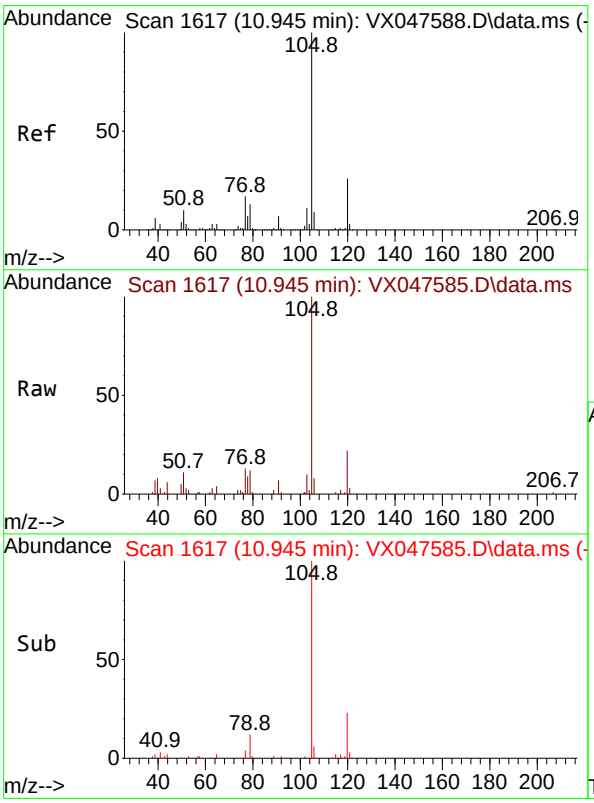
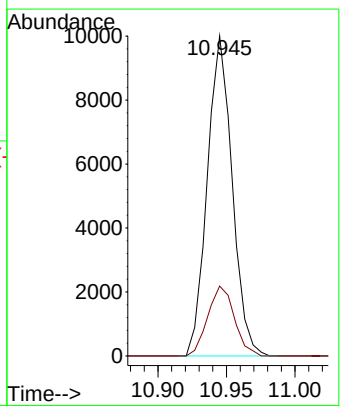
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

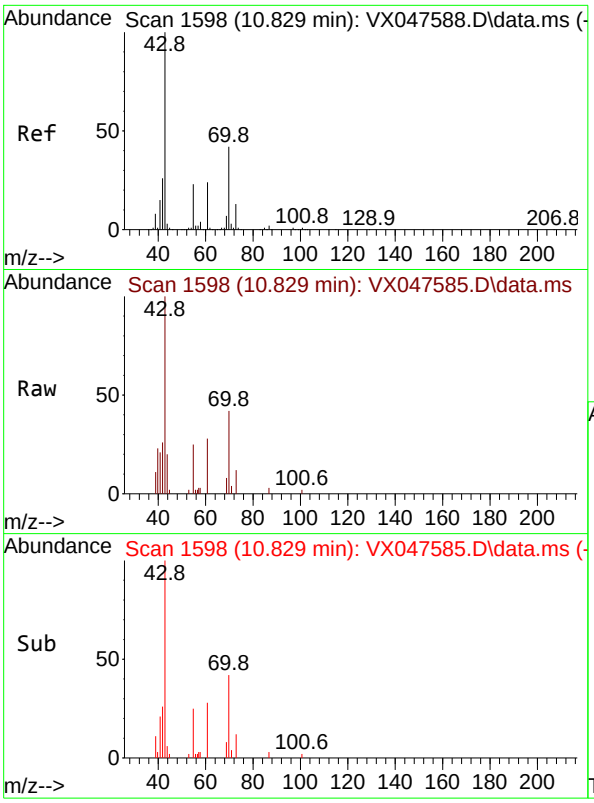


#73
Isopropylbenzene
Concen: 0.822 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 12618

Ion	Ratio	Lower	Upper
105	100		
120	23.4	12.8	38.4

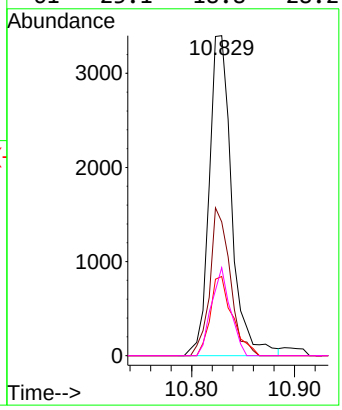




#74
N-amyl acetate
Concen: 0.737 ug/l
RT: 10.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 515

Ion	Ratio	Lower	Upper
43	100		
70	41.7	32.0	48.0
55	24.3	18.9	28.3
61	23.1	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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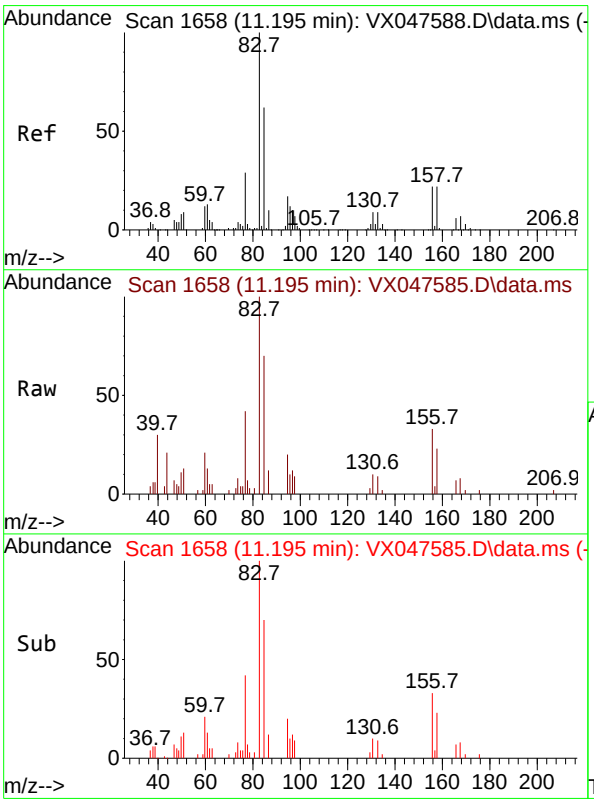
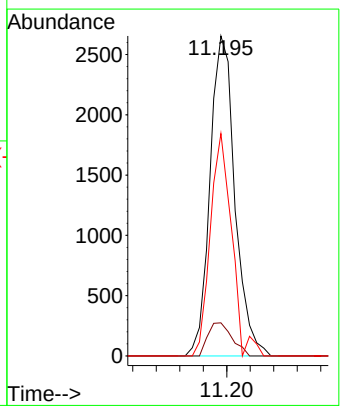
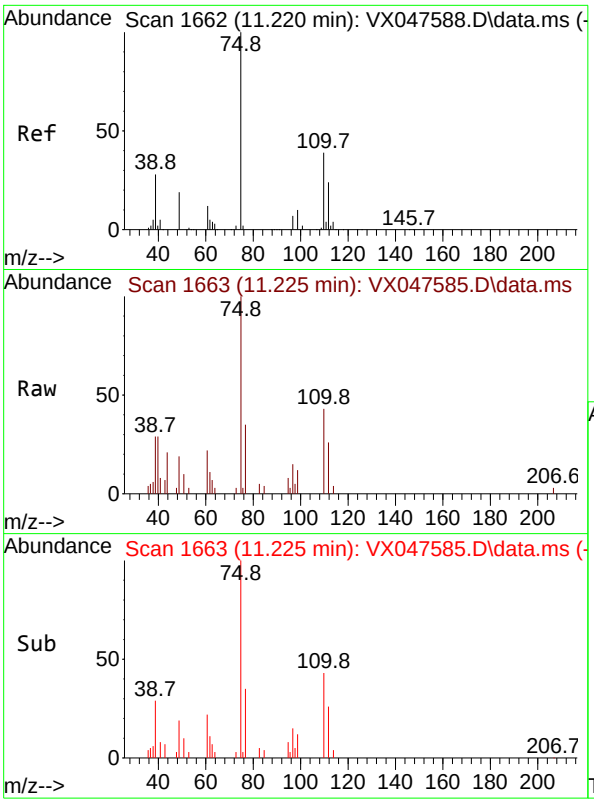


#75
1,1,2,2-Tetrachloroethane
Concen: 0.839 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 3900

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	59.8	31.6	95.0





#76
1,2,3-Trichloropropane
Concen: 0.816 ug/l m
RT: 11.225 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 342

Ion	Ratio	Lower	Upper
75	100		
77	34.6	18.8	56.4

Instrument :
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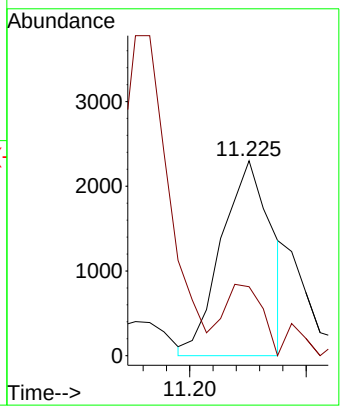
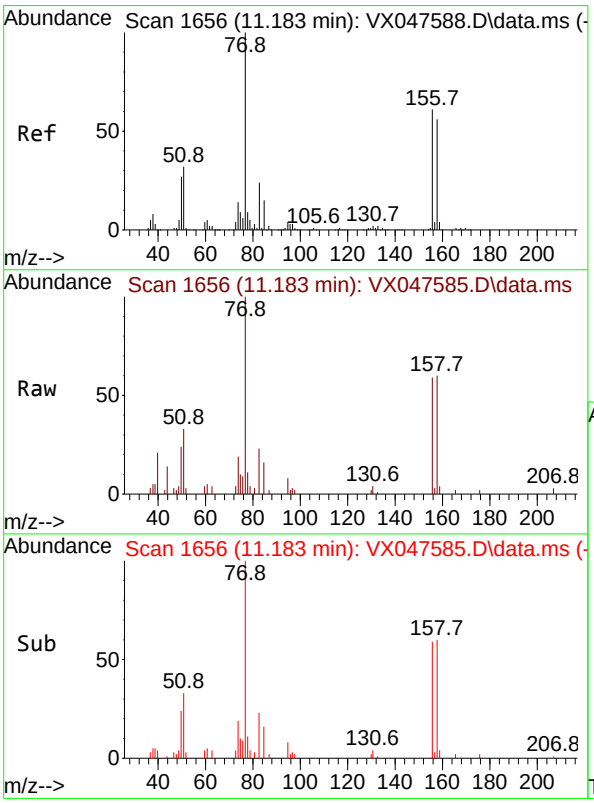
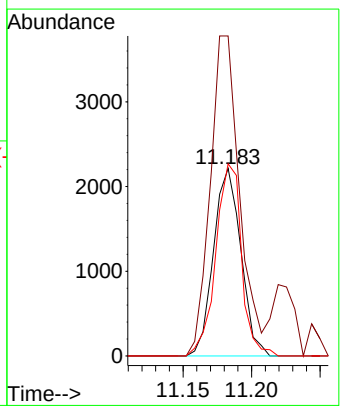


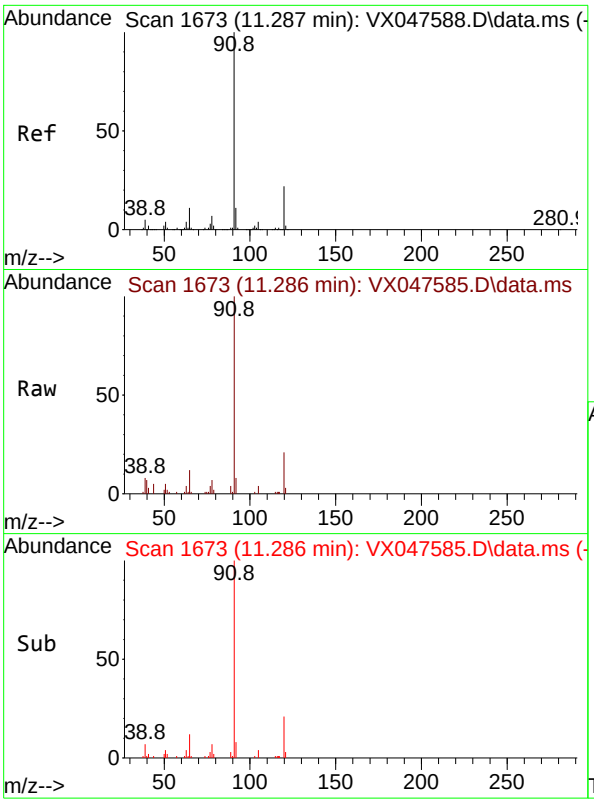


#77
Bromobenzene
Concen: 0.811 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:156 Resp: 3069

Ion	Ratio	Lower	Upper
156	100		
77	182.3	89.7	269.1
158	96.6	47.9	143.6





#78
n-propylbenzene
Concen: 0.819 ug/l
RT: 11.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 1486

Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.1	33.1

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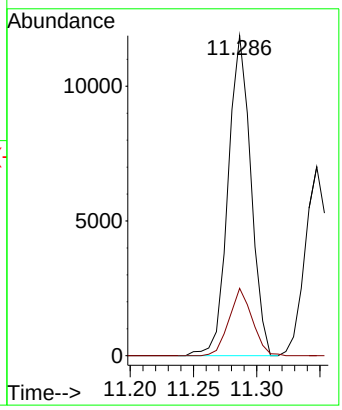
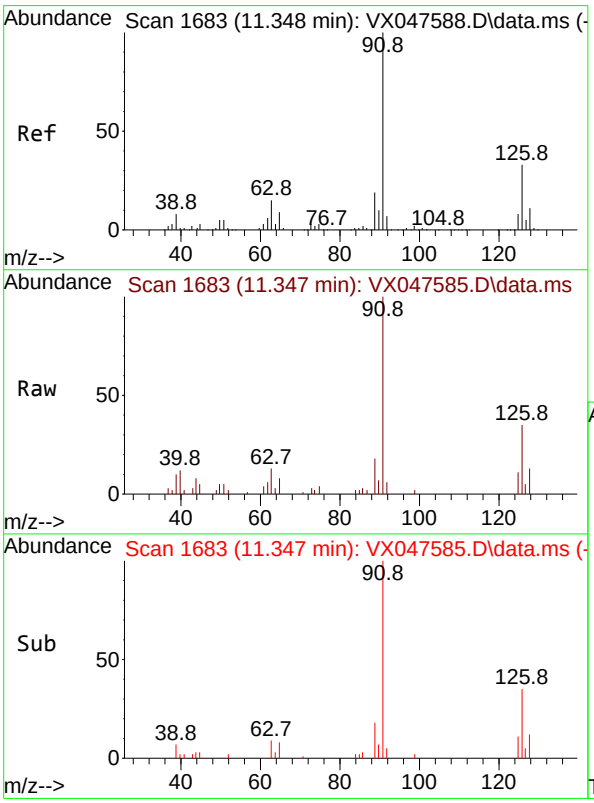
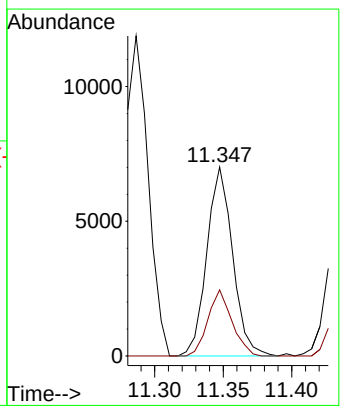


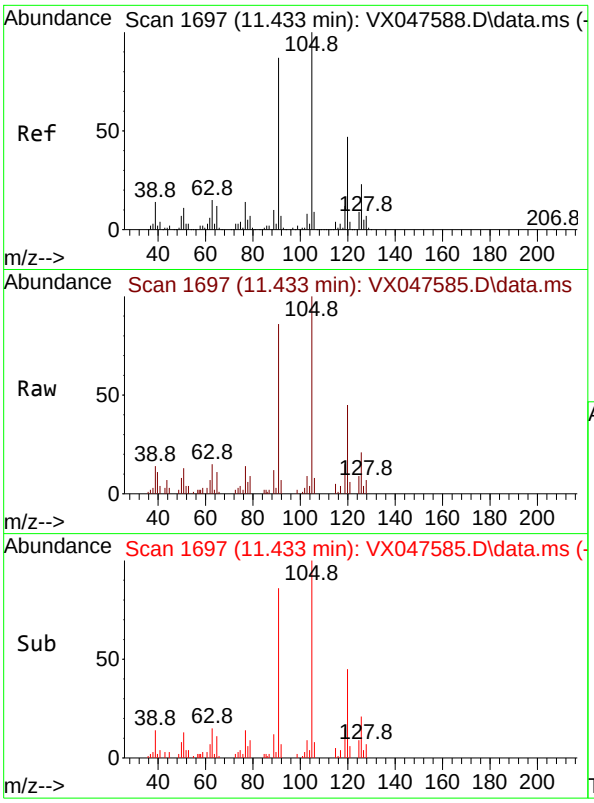


#79
2-Chlorotoluene
Concen: 0.827 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 9195

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.3





#80
1,3,5-Trimethylbenzene
Concen: 0.787 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 992

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.6	70.8

Instrument :
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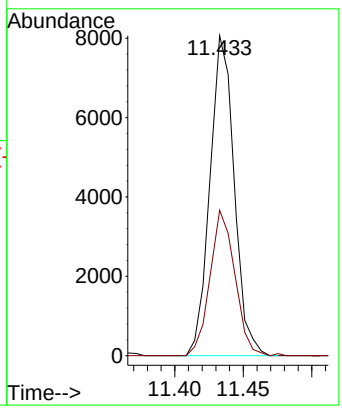
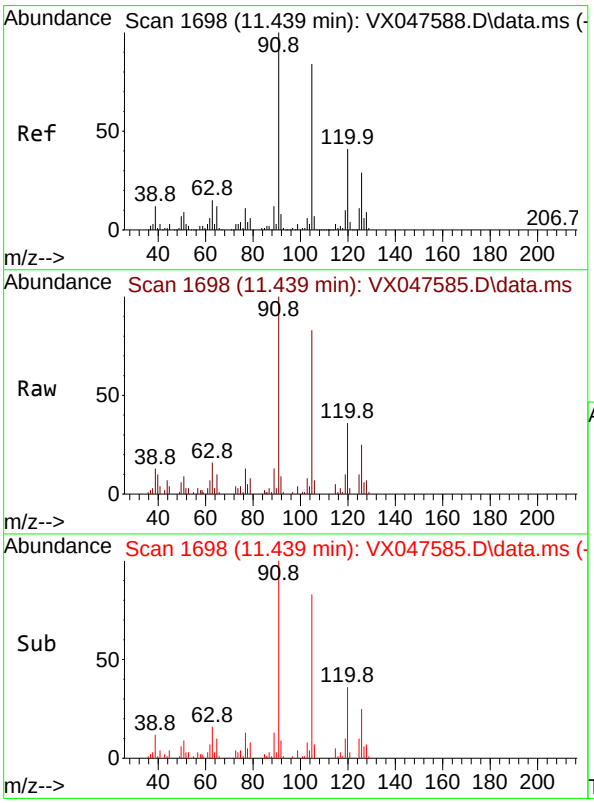
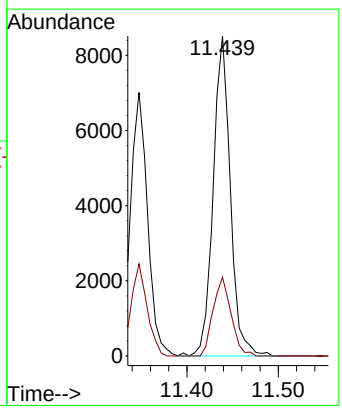


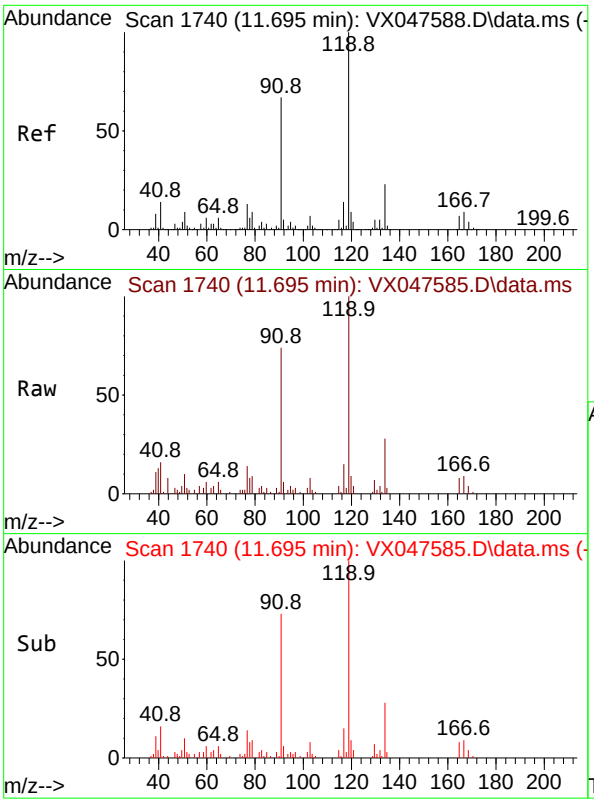


#82
4-Chlorotoluene
Concen: 0.847 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 11123

Ion	Ratio	Lower	Upper
91	100		
126	25.8	14.2	42.6

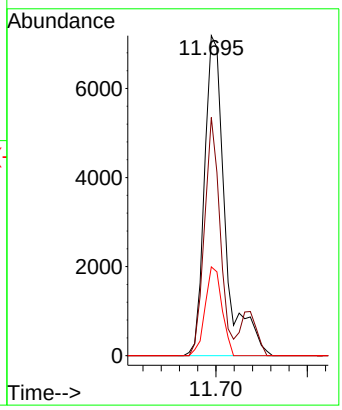




#83
tert-Butylbenzene
Concen: 0.876 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:119 Resp: 1131

Ion	Ratio	Lower	Upper
119	100		
91	56.1	29.6	88.8
134	22.5	11.0	33.0



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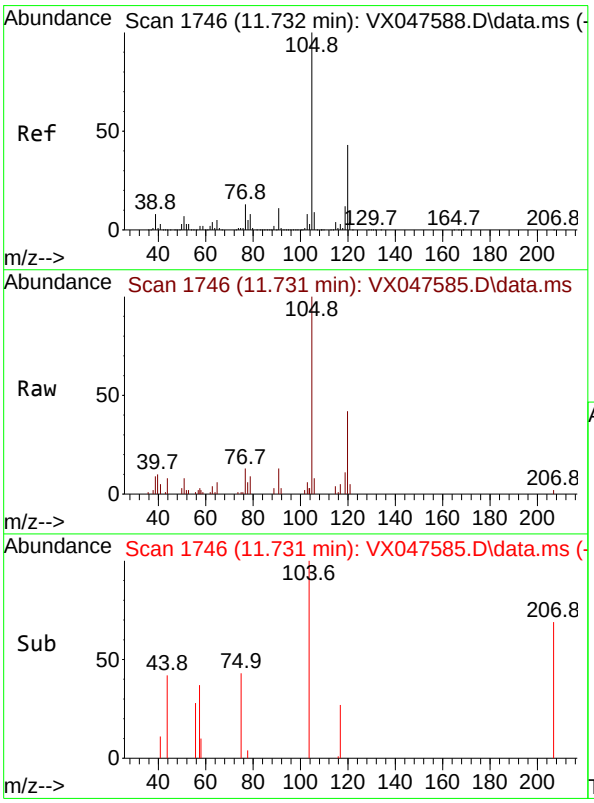
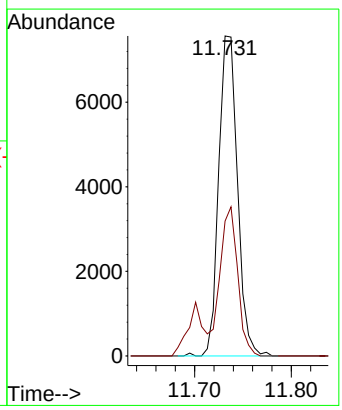
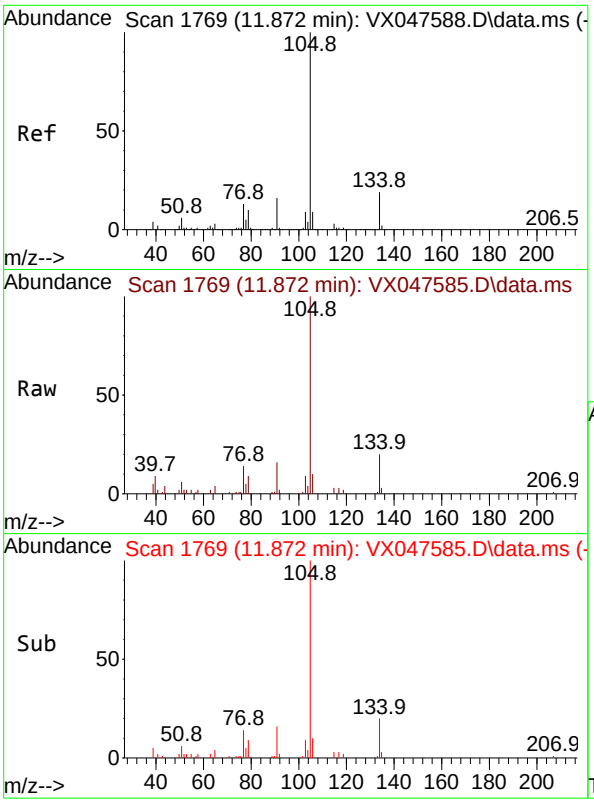


#84
1,2,4-Trimethylbenzene
Concen: 0.796 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 10187

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.1

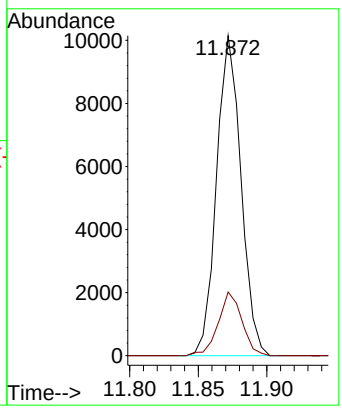




#85
sec-Butylbenzene
Concen: 0.819 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 1256

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5



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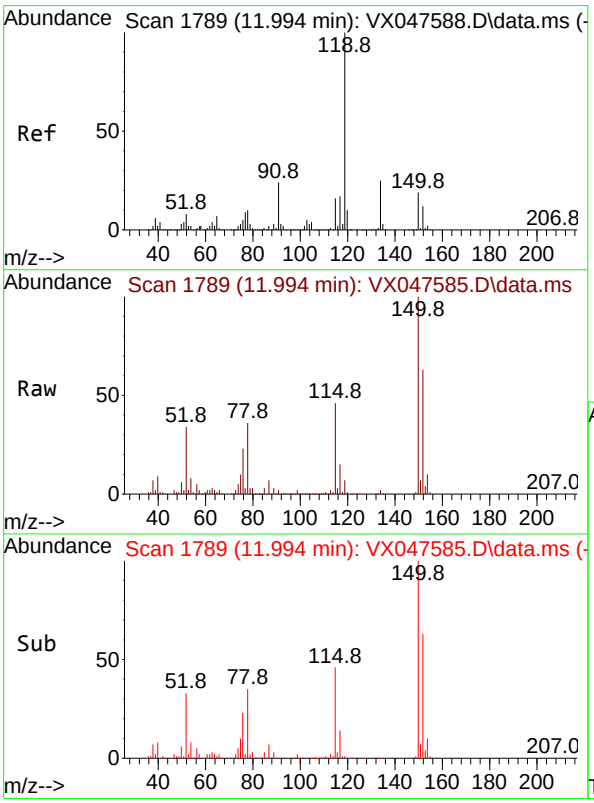
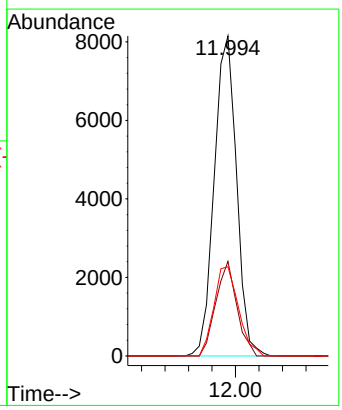
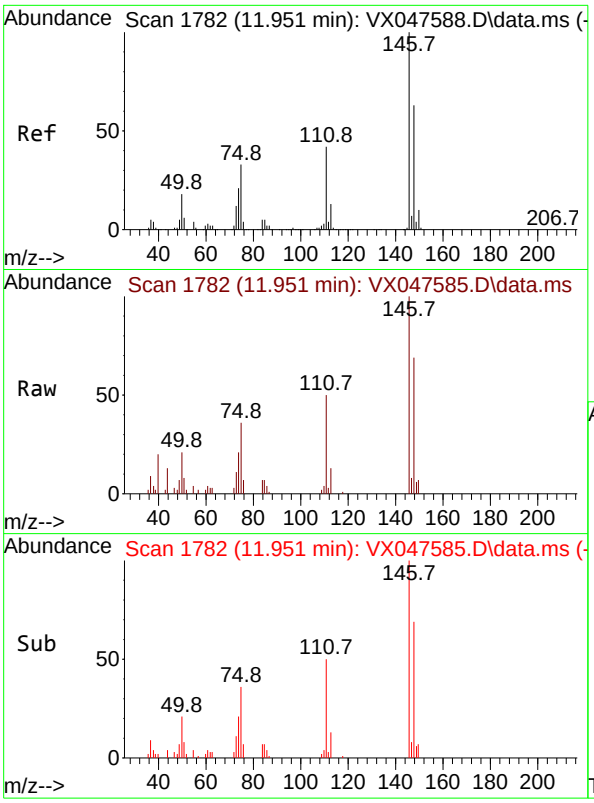


#86
p-Isopropyltoluene
Concen: 0.827 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:119 Resp: 10744

Ion	Ratio	Lower	Upper
119	100		
134	27.9	12.6	37.8
91	30.8	12.6	37.6

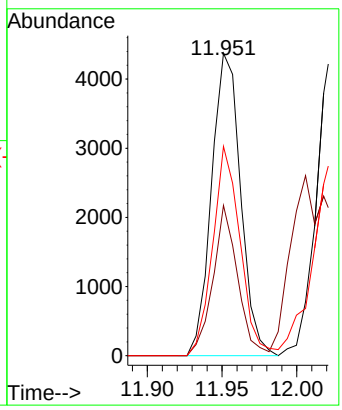




#87
1,3-Dichlorobenzene
Concen: 0.841 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 590

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	65.5	32.0	96.0



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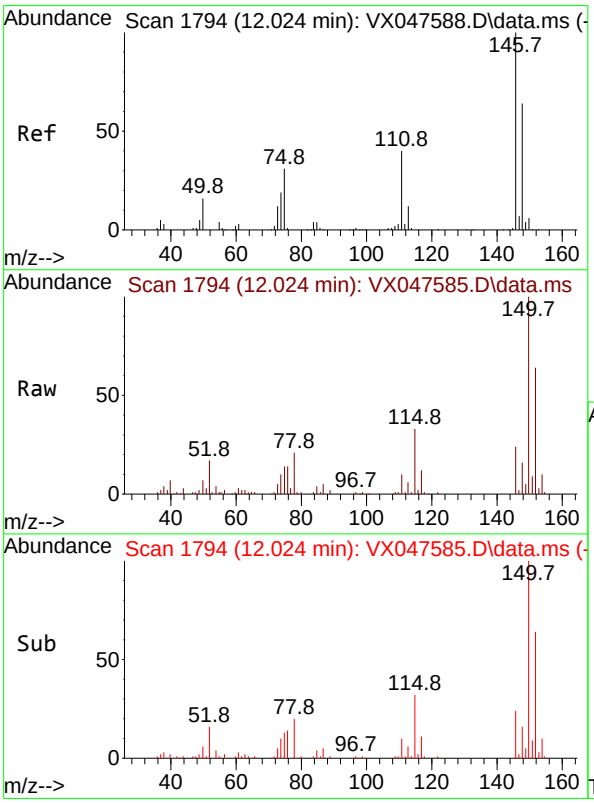
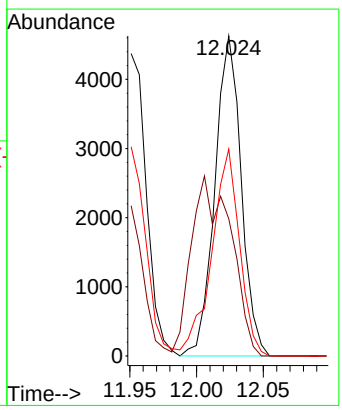
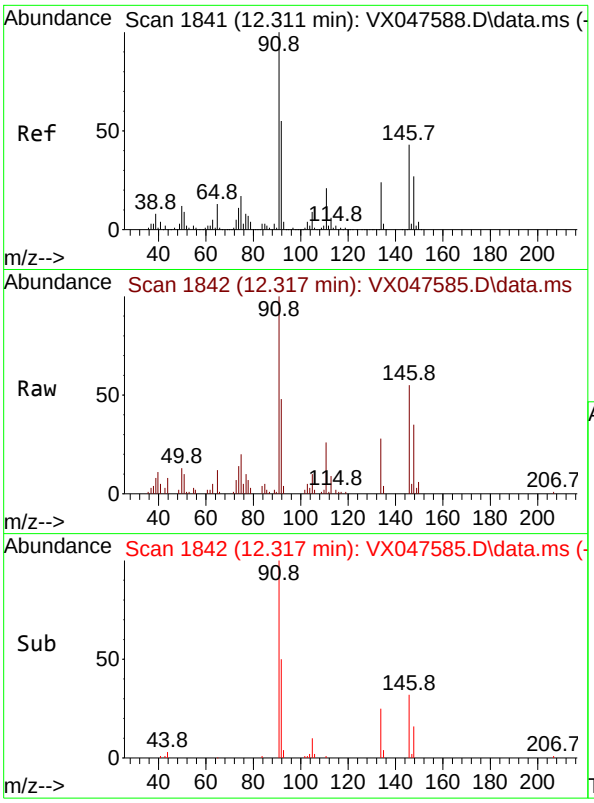


#88
1,4-Dichlorobenzene
Concen: 0.880 ug/l m
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 6341

Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.8	62.4
148	61.1	31.7	95.1





#89
n-Butylbenzene
Concen: 0.816 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 981

Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.6	82.7
134	25.9	12.6	37.8

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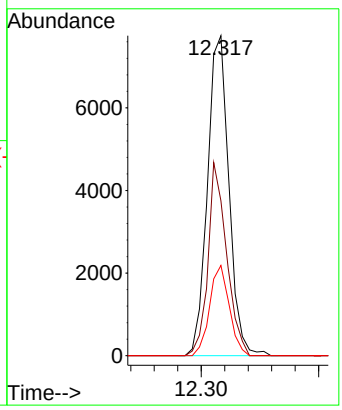
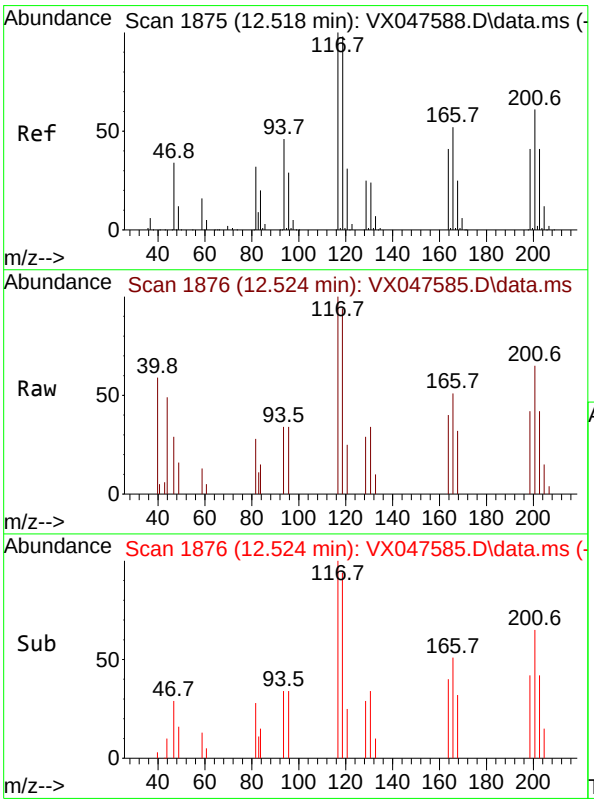
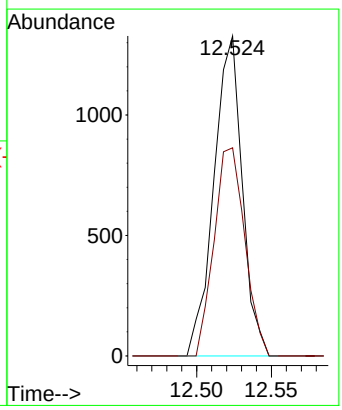


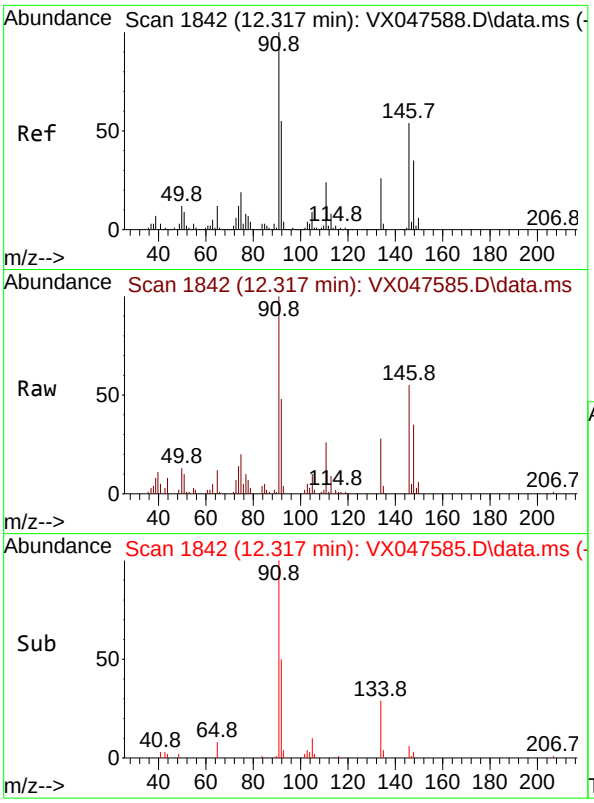


#90
Hexachloroethane
Concen: 0.768 ug/l
RT: 12.524 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 1752

Ion	Ratio	Lower	Upper
117	100		
201	70.4	34.2	102.5

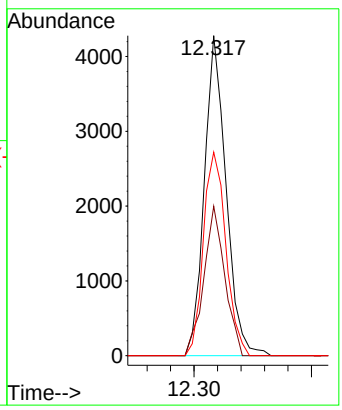




#91
1,2-Dichlorobenzene
Concen: 0.820 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 549

Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.2	66.6
148	65.8	31.8	95.4



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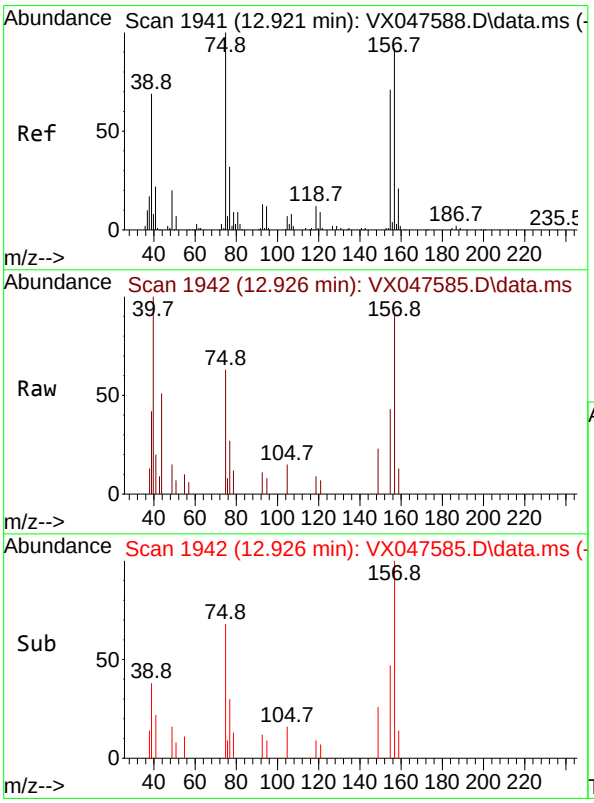
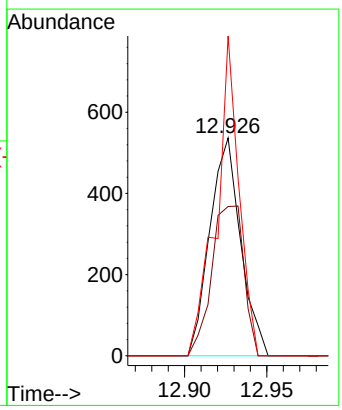
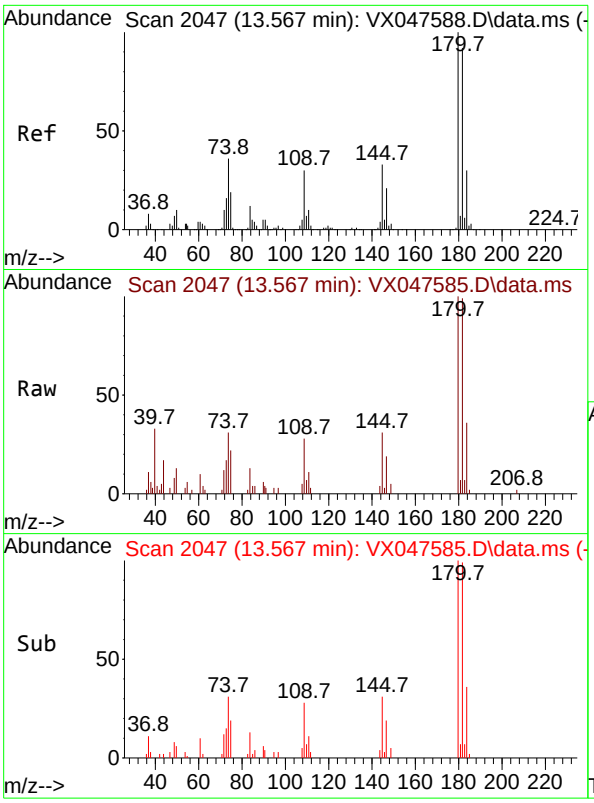


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.742 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 698

Ion	Ratio	Lower	Upper
75	100		
155	72.1	37.7	113.1
157	108.7	49.8	149.4

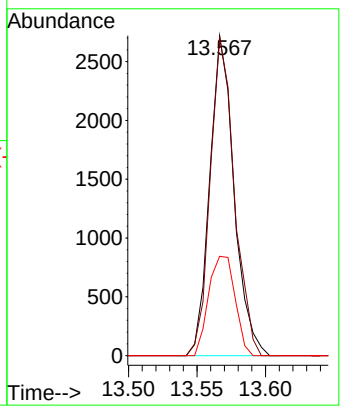




#93
1,2,4-Trichlorobenzene
Concen: 0.772 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:180 Resp: 335

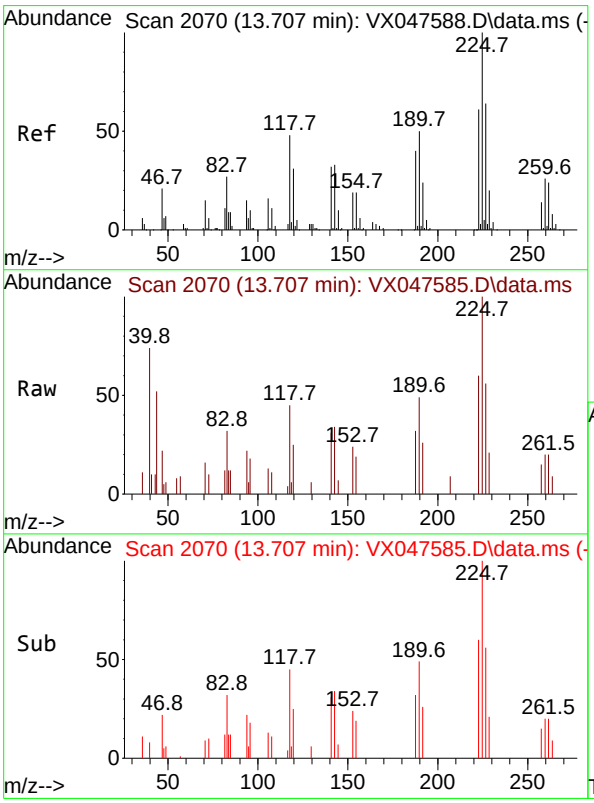
Ion	Ratio	Lower	Upper
180	100		
182	98.6	46.6	139.8
145	33.7	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

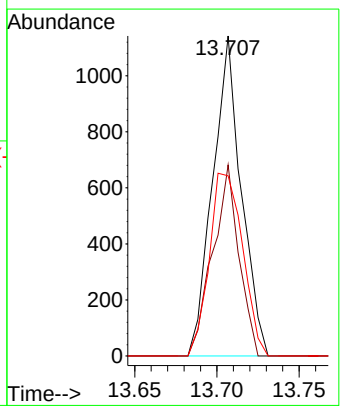
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

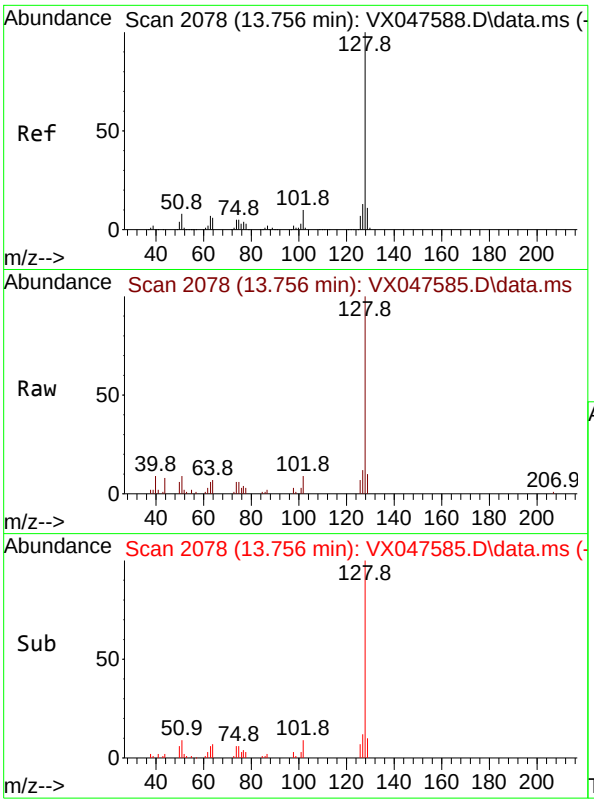


#94
Hexachlorobutadiene
Concen: 0.933 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:225 Resp: 1378

Ion	Ratio	Lower	Upper
225	100		
223	54.8	31.7	95.1
227	66.7	32.0	96.0

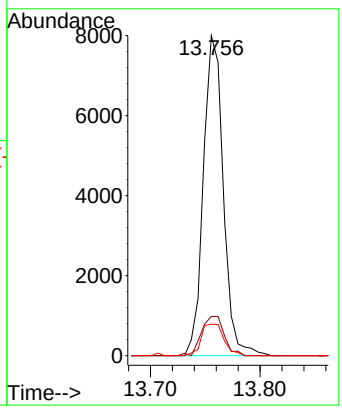




#95
Naphthalene
Concen: 0.763 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:128 Resp: 1011

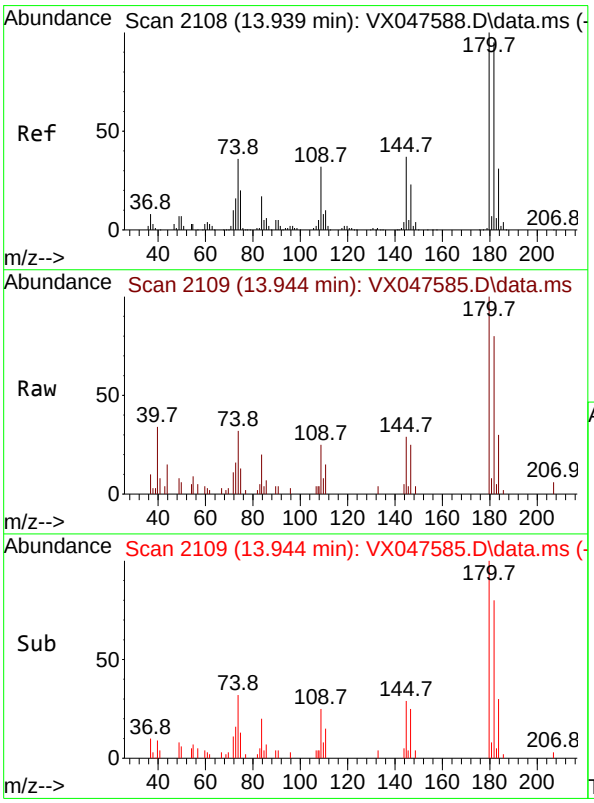
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	11.2	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

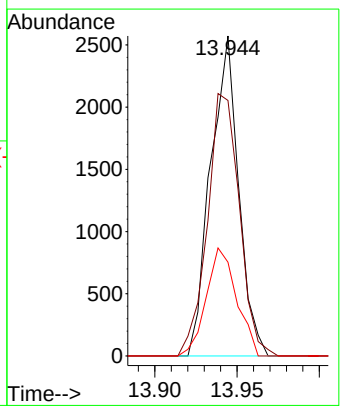
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.752 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:180 Resp: 3043

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.6	142.8
145	36.6	17.9	53.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	198376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	355026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	317288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	156219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	17538	5.554	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.100%#		
35) Dibromofluoromethane	5.373	113	12647	5.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.620%#		
50) Toluene-d8	8.635	98	43926	5.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.061	95	16974	5.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.860%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	11403	5.551	ug/l	93
3) Chloromethane	1.301	50	14854	5.502	ug/l	99
4) Vinyl Chloride	1.380	62	14147	5.353	ug/l	97
5) Bromomethane	1.618	94	9780	5.836	ug/l	87
6) Chloroethane	1.697	64	8926	5.053	ug/l	96
7) Trichlorofluoromethane	1.898	101	20497	5.223	ug/l	100
8) Diethyl Ether	2.136	74	8039	5.008	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	11729	5.112	ug/l	98
10) Methyl Iodide	2.453	142	17159	4.795	ug/l	98
11) Tert butyl alcohol	2.947	59	8399	23.883	ug/l	99
12) 1,1-Dichloroethene	2.325	96	12131	5.147	ug/l	91
13) Acrolein	2.239	56	7080	21.847	ug/l	95
14) Allyl chloride	2.666	41	25135	5.168	ug/l	99
15) Acrylonitrile	3.062	53	32587	25.016	ug/l	99
16) Acetone	2.374	43	41297	30.079	ug/l	97
17) Carbon Disulfide	2.514	76	34426	5.335	ug/l	100
18) Methyl Acetate	2.703	43	13357	4.371	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	44396	5.160	ug/l	98
20) Methylene Chloride	2.788	84	15307	5.267	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	13937	5.492	ug/l	97
22) Diisopropyl ether	3.757	45	50213	5.327	ug/l	98
23) Vinyl Acetate	3.715	43	192175	25.474	ug/l	99
24) 1,1-Dichloroethane	3.611	63	26292	5.248	ug/l	97
25) 2-Butanone	4.544	43	46651	27.240	ug/l	92
26) 2,2-Dichloropropane	4.465	77	21738	5.220	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	15996	5.147	ug/l	98
28) Bromochloromethane	4.891	49	12047	5.508	ug/l	95
29) Tetrahydrofuran	4.995	42	26729	25.944	ug/l	92
30) Chloroform	5.080	83	27054	5.344	ug/l	99
31) Cyclohexane	5.458	56	23032	5.520	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	22279	5.188	ug/l	96
36) 1,1-Dichloropropene	5.684	75	18455	5.304	ug/l	98
37) Ethyl Acetate	4.708	43	19913	5.345	ug/l #	97
38) Carbon Tetrachloride	5.666	117	20376	5.390	ug/l	96
39) Methylcyclohexane	7.367	83	20900	5.292	ug/l	97
40) Benzene	6.019	78	55996	5.299	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	9390	4.883	ug/l		95
42) 1,2-Dichloroethane	6.074	62	21117	5.252	ug/l		99
43) Isopropyl Acetate	6.324	43	31304	5.124	ug/l		99
44) Trichloroethene	7.111	130	13576	5.314	ug/l		97
45) 1,2-Dichloropropane	7.415	63	14305	5.287	ug/l		99
46) Dibromomethane	7.568	93	10133	5.146	ug/l		99
47) Bromodichloromethane	7.806	83	21270	5.235	ug/l		99
48) Methyl methacrylate	7.677	41	14959	4.915	ug/l		99
49) 1,4-Dioxane	7.653	88	3017	98.096	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.555	43	87492	25.828	ug/l		100
52) Toluene	8.702	92	34314	5.271	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	20863	5.034	ug/l		97
54) cis-1,3-Dichloropropene	8.354	75	23157	5.227	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	12968	5.166	ug/l		91
56) Ethyl methacrylate	9.104	69	19980	5.068	ug/l		97
57) 1,3-Dichloropropane	9.293	76	22989	5.331	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	37585	27.899	ug/l		98
59) 2-Hexanone	9.415	43	66356	27.275	ug/l		99
60) Dibromochloromethane	9.506	129	14705	5.084	ug/l		95
61) 1,2-Dibromoethane	9.592	107	13461	5.264	ug/l		98
64) Tetrachloroethene	9.256	164	11228	5.428	ug/l		97
65) Chlorobenzene	10.061	112	37507	5.203	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.147	131	12807	5.149	ug/l		99
67) Ethyl Benzene	10.177	91	65908	5.299	ug/l		100
68) m/p-Xylenes	10.287	106	49132	10.613	ug/l		99
69) o-Xylene	10.628	106	23300	5.204	ug/l		98
70) Styrene	10.640	104	40872	5.210	ug/l		99
71) Bromoform	10.781	173	9298	5.006	ug/l	#	97
73) Isopropylbenzene	10.945	105	61029	5.139	ug/l		100
74) N-amyl acetate	10.823	43	26969	4.980	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	18462	5.138	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	15982m	4.927	ug/l		
77) Bromobenzene	11.183	156	15066	5.150	ug/l		99
78) n-propylbenzene	11.287	91	72900	5.192	ug/l		100
79) 2-Chlorotoluene	11.348	91	44663	5.194	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	50535	5.179	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	5413	4.364	ug/l		91
82) 4-Chlorotoluene	11.439	91	52294	5.149	ug/l		100
83) tert-Butylbenzene	11.695	119	50350	5.041	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	51583	5.214	ug/l		100
85) sec-Butylbenzene	11.872	105	62507	5.268	ug/l		99
86) p-Isopropyltoluene	11.994	119	52674	5.244	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	28116	5.175	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	29519	5.294	ug/l		93
89) n-Butylbenzene	12.317	91	47953	5.159	ug/l		99
90) Hexachloroethane	12.518	117	8830	5.007	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	26409	5.102	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3412	4.690	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	17167	5.103	ug/l		98
94) Hexachlorobutadiene	13.707	225	5894	5.158	ug/l		99
95) Naphthalene	13.756	128	49257	4.808	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	15400	4.921	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

ICAL Form

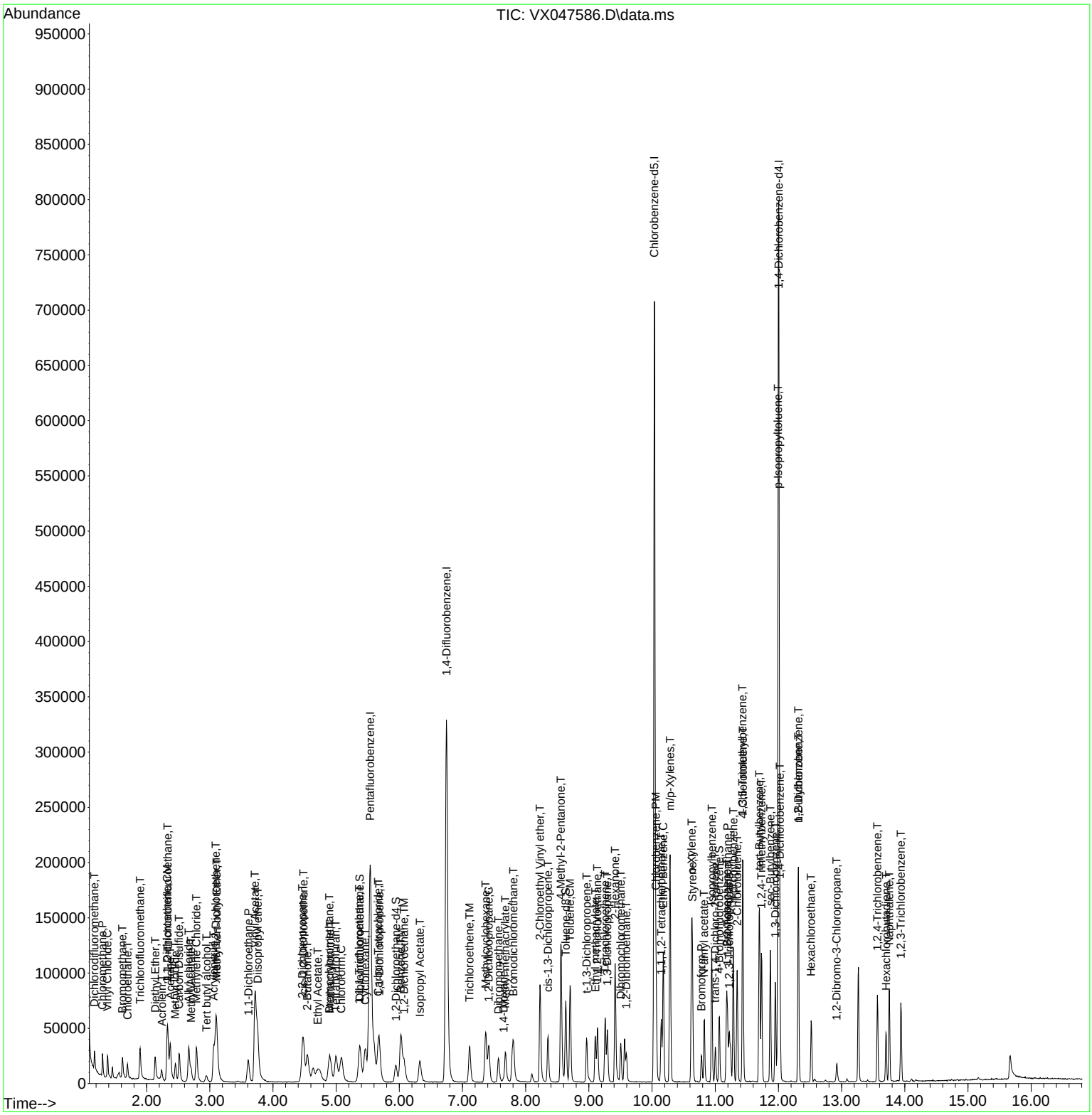
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

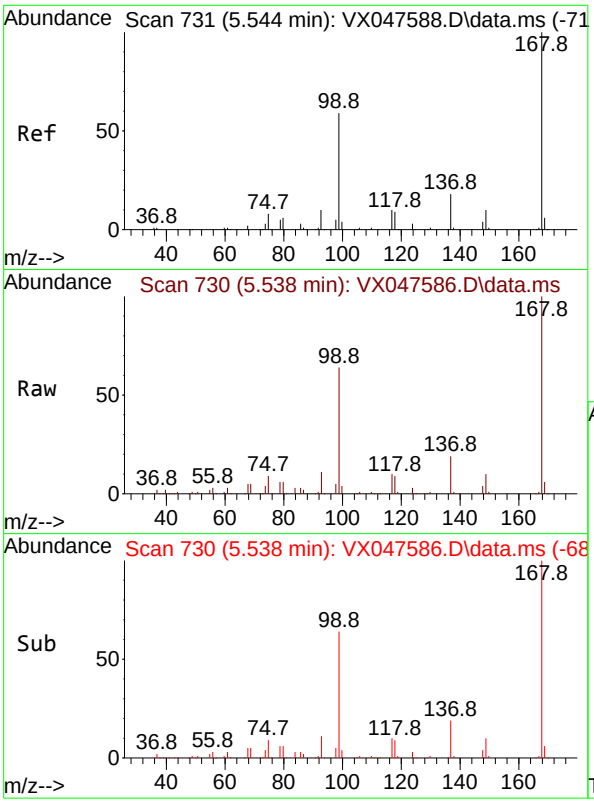
Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

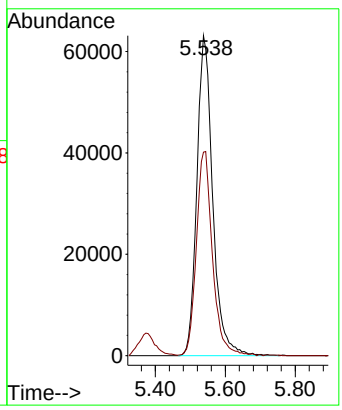




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:168 Resp: 19837

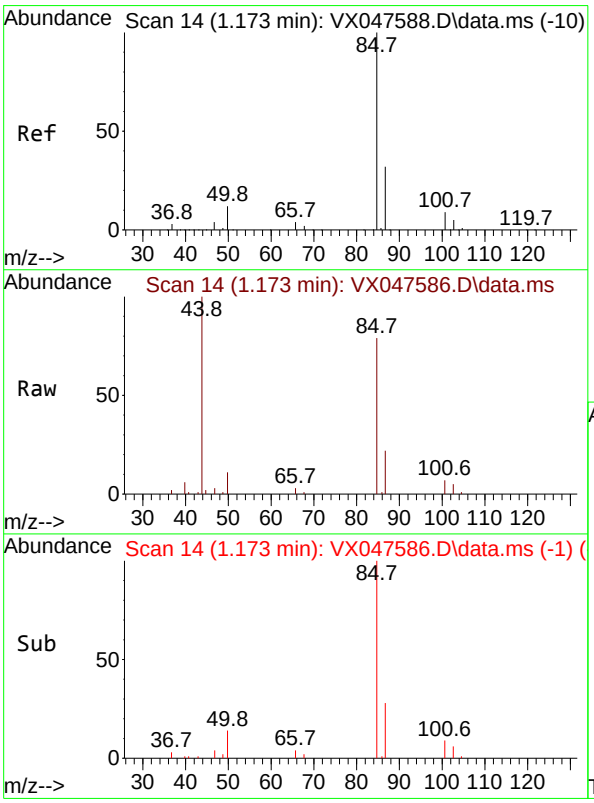
Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

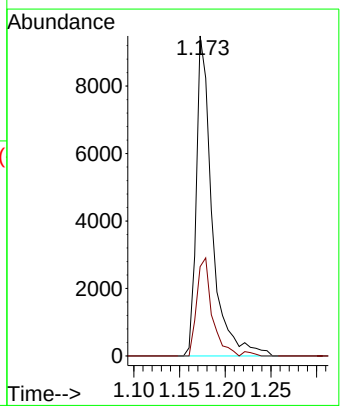
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

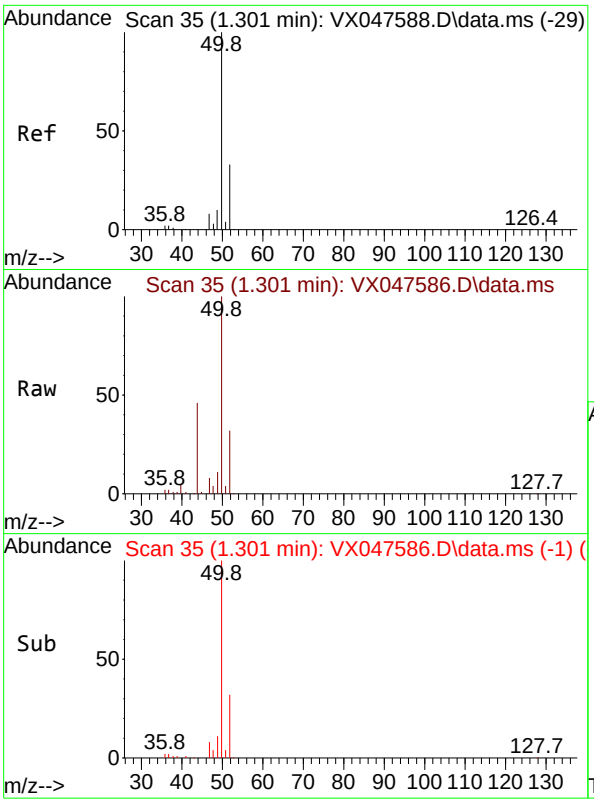


#2
Dichlorodifluoromethane
Concen: 5.551 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 85 Resp: 11403

Ion	Ratio	Lower	Upper
85	100		
87	27.9	15.8	47.3

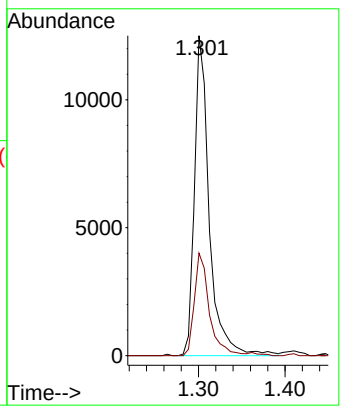




#3
Chloromethane
Concen: 5.502 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 50 Resp: 1485

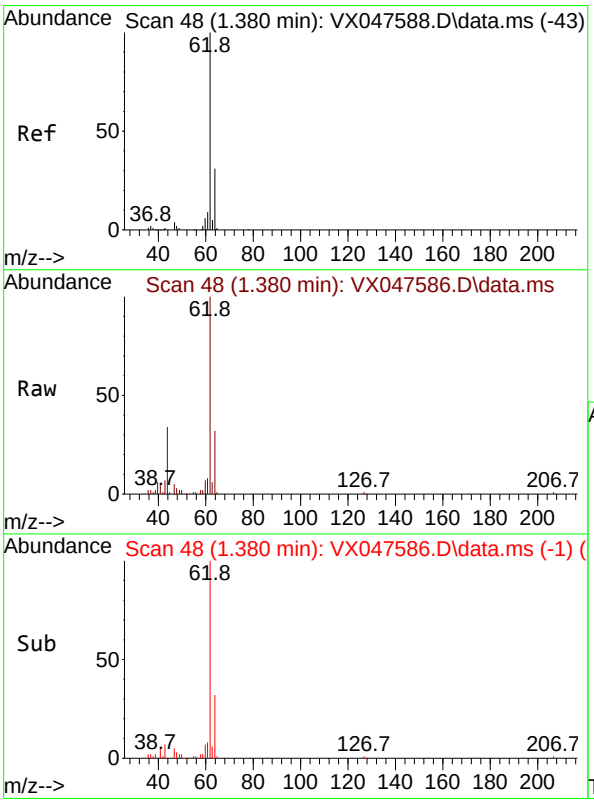
Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

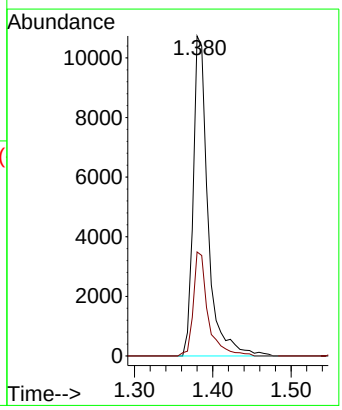
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

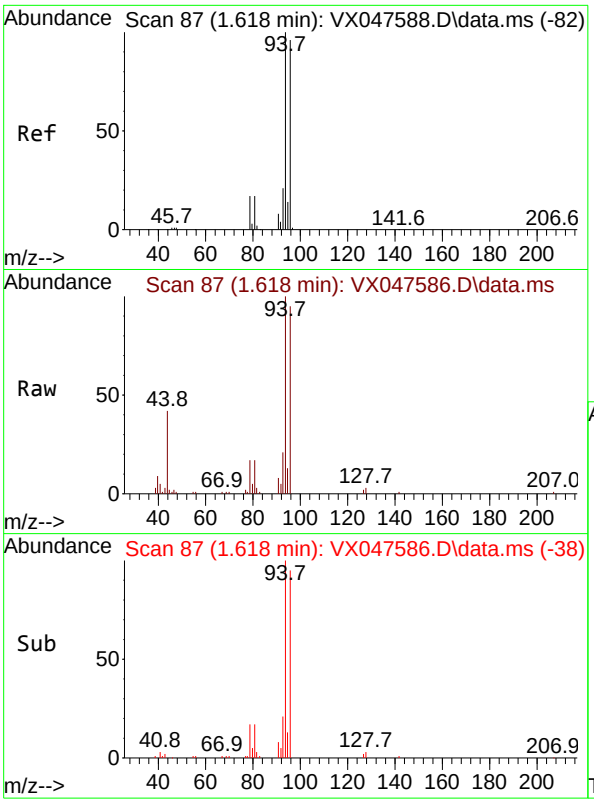


#4
Vinyl Chloride
Concen: 5.353 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 14147

Ion	Ratio	Lower	Upper
62	100		
64	32.5	24.9	37.3





#5
Bromomethane
Concen: 5.836 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

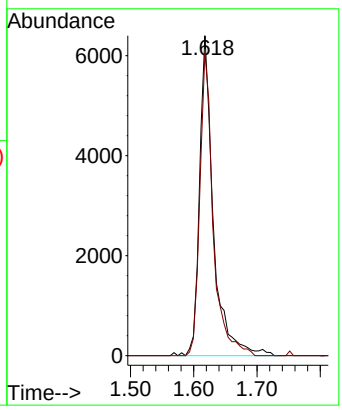
Tgt Ion: 94 Resp: 978

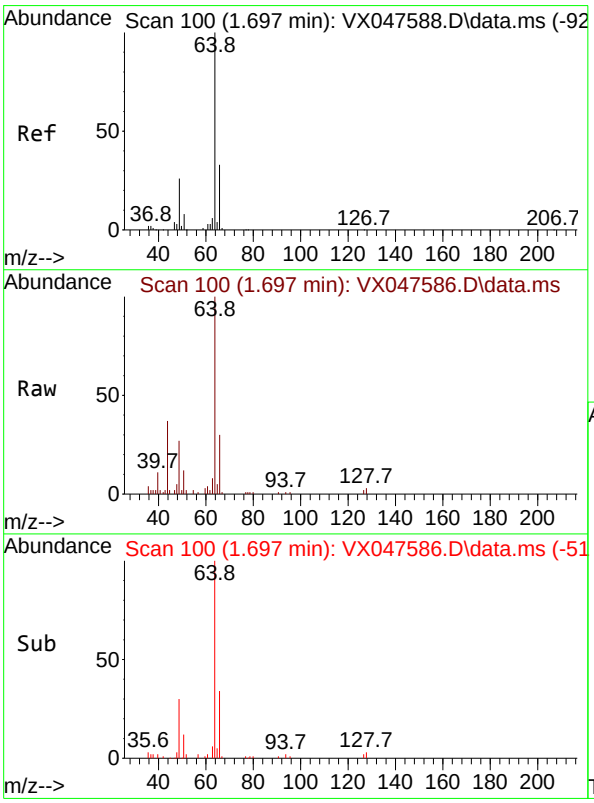
Ion	Ratio	Lower	Upper
94	100		
96	83.6	76.6	115.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

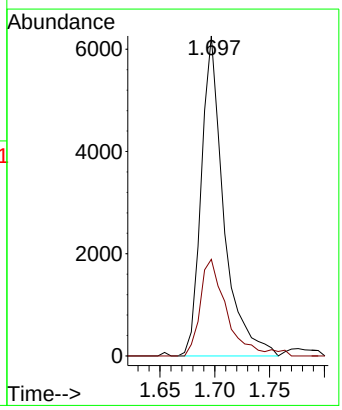


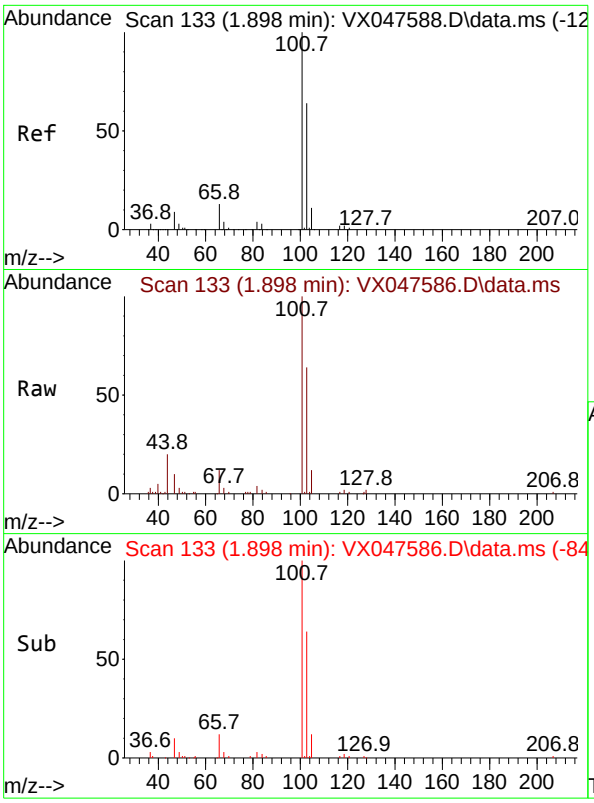


#6
Chloroethane
Concen: 5.053 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 64 Resp: 8926

Ion	Ratio	Lower	Upper
64	100		
66	30.2	26.1	39.1

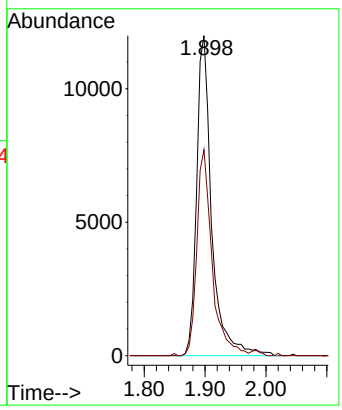




#7
Trichlorofluoromethane
Concen: 5.223 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:101 Resp: 2049

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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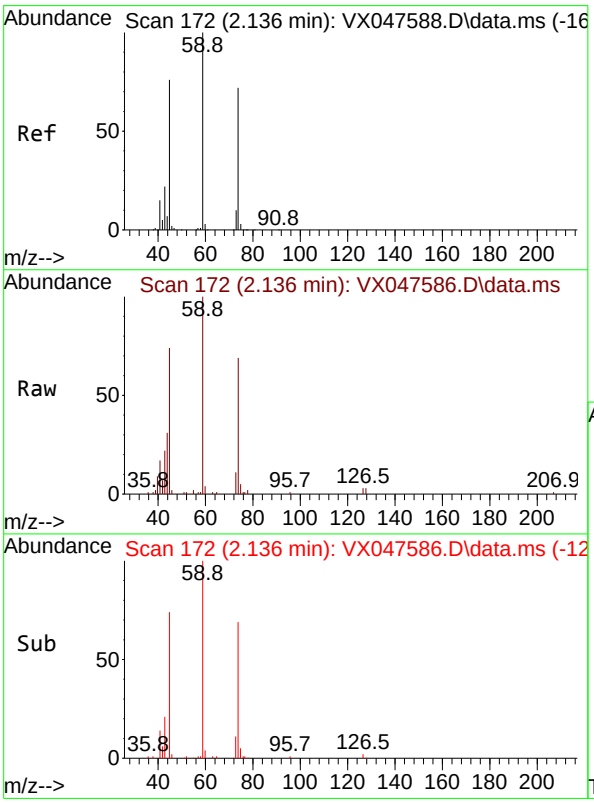
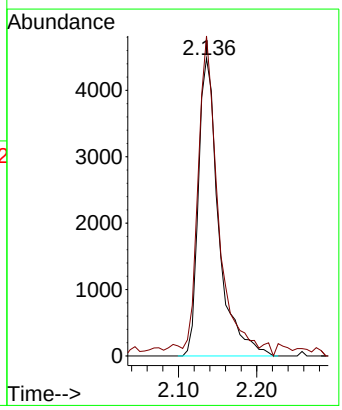
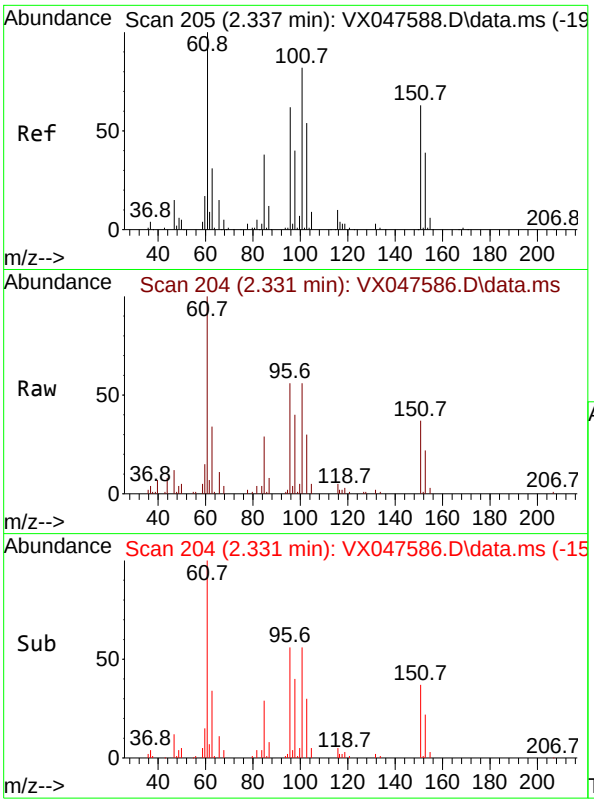


#8
Diethyl Ether
Concen: 5.008 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 74 Resp: 8039

Ion	Ratio	Lower	Upper
74	100		
45	111.7	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.112 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:101 Resp: 1172

Ion	Ratio	Lower	Upper
101	100		
85	47.5	35.5	53.3
151	75.0	59.4	89.0

Instrument :
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ClientSampleId :
VSTDICC005

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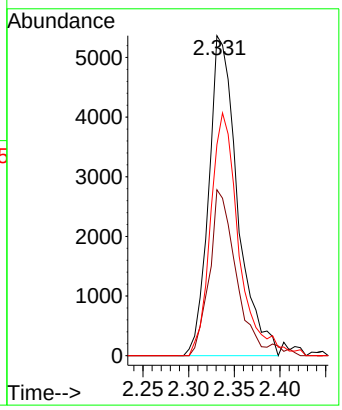
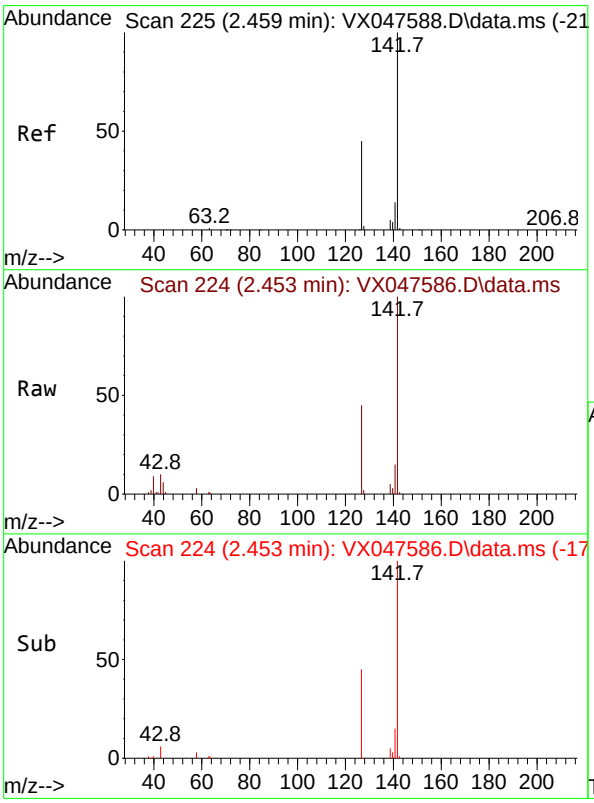
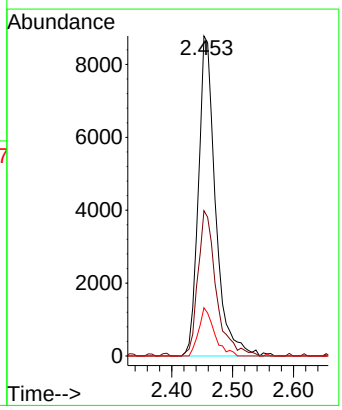


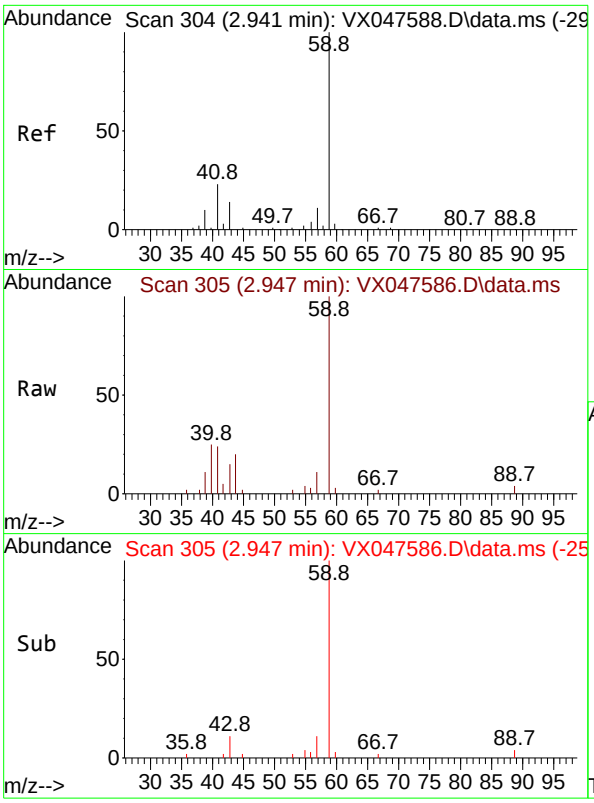


#10
Methyl Iodide
Concen: 4.795 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:142 Resp: 17159

Ion	Ratio	Lower	Upper
142	100		
127	48.4	37.2	55.8
141	13.8	11.4	17.0

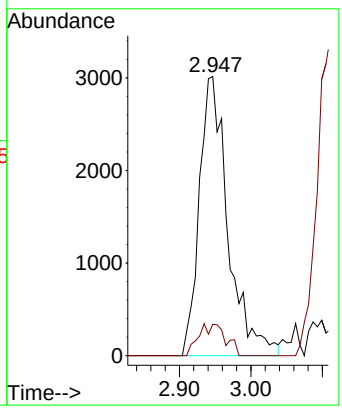




#11
Tert butyl alcohol
Concen: 23.883 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 59 Resp: 839

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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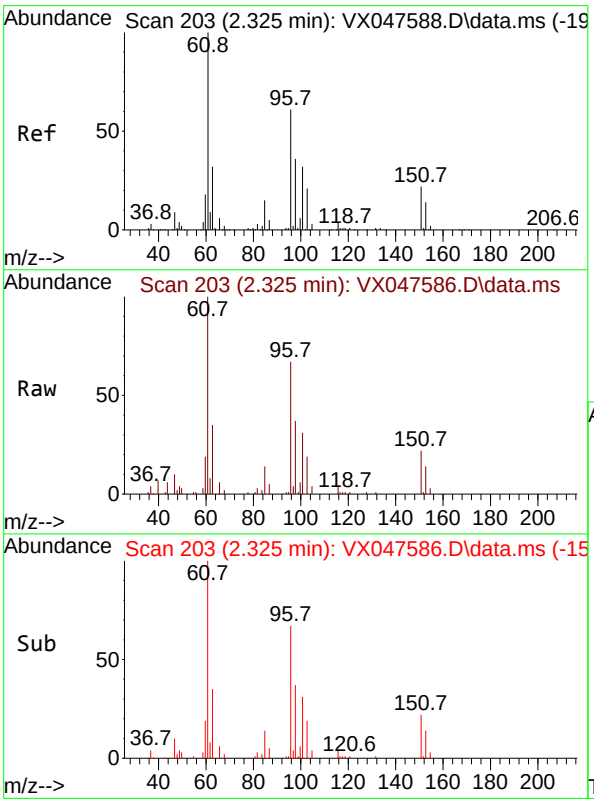
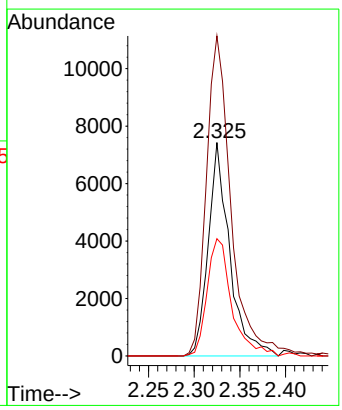
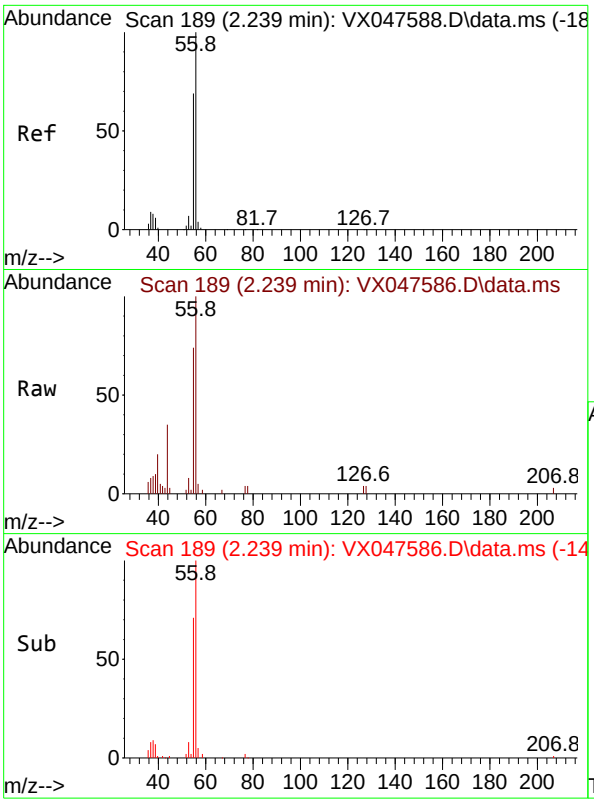


#12
1,1-Dichloroethene
Concen: 5.147 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 96 Resp: 12131

Ion	Ratio	Lower	Upper
96	100		
61	149.9	131.0	196.6
98	54.9	47.7	71.5

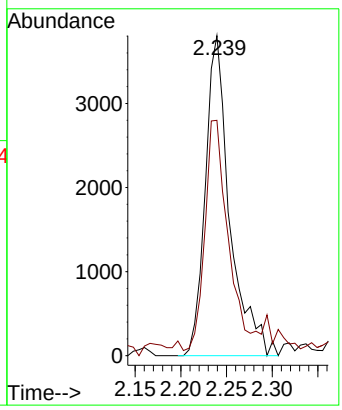




#13
Acrolein
Concen: 21.847 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 56 Resp: 708

Ion	Ratio	Lower	Upper
56	100		
55	67.1	57.2	85.8



Instrument :
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ClientSampleId :
VSTDICC005

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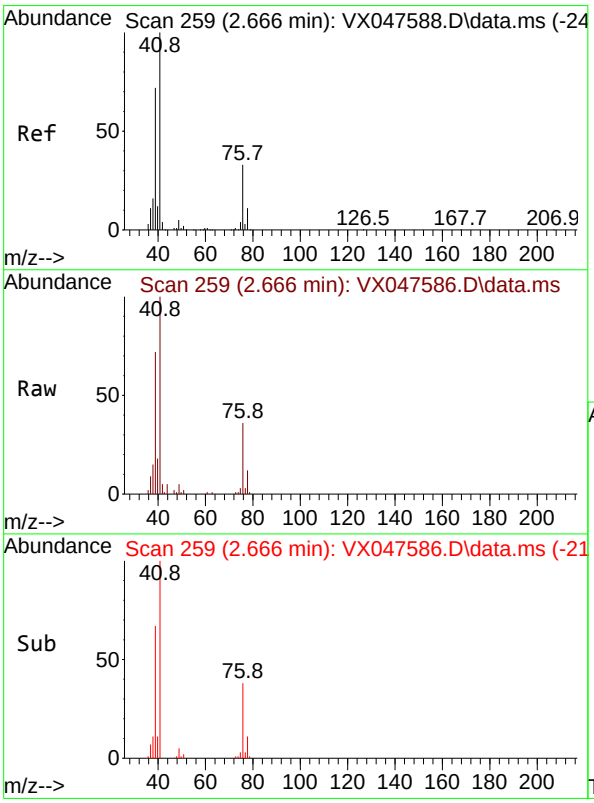
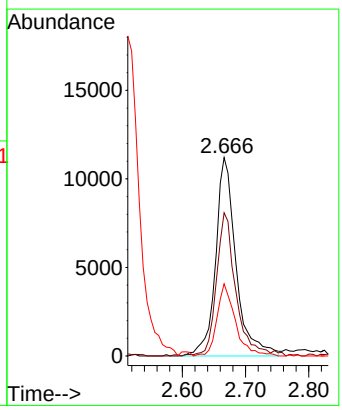
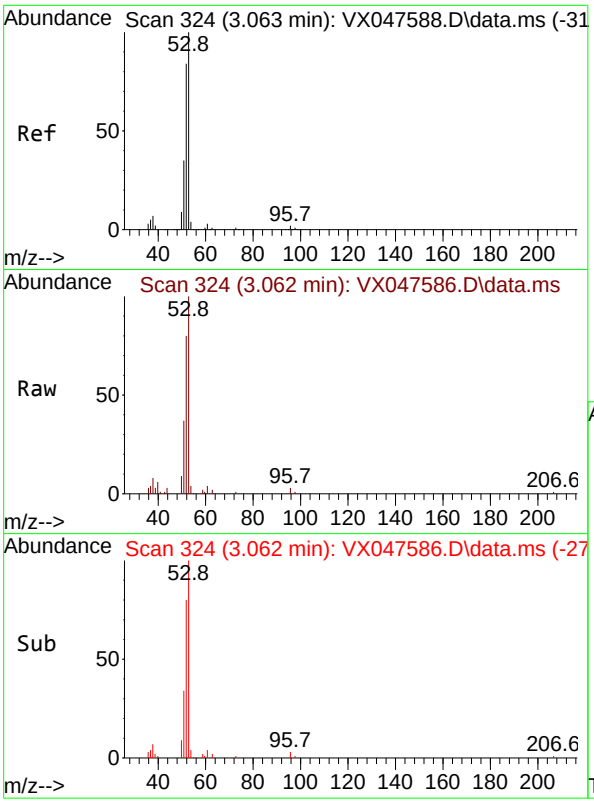


#14
Allyl chloride
Concen: 5.168 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 25135

Ion	Ratio	Lower	Upper
41	100		
39	69.1	54.7	82.1
76	32.4	25.7	38.5

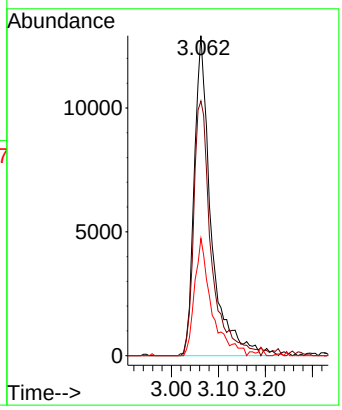




#15
Acrylonitrile
Concen: 25.016 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 53 Resp: 3258

Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.4	99.6
51	36.5	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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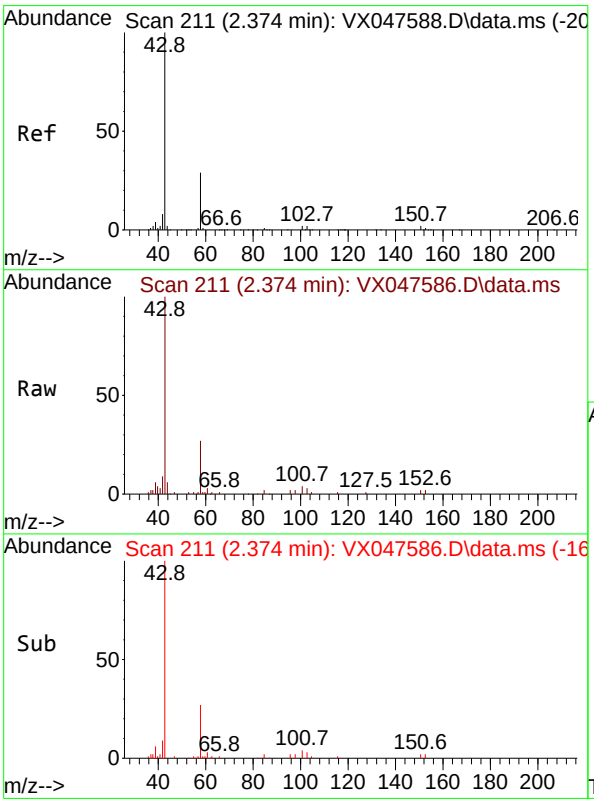
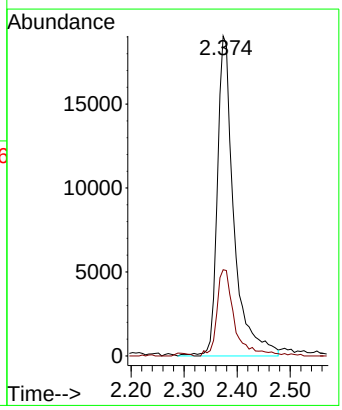
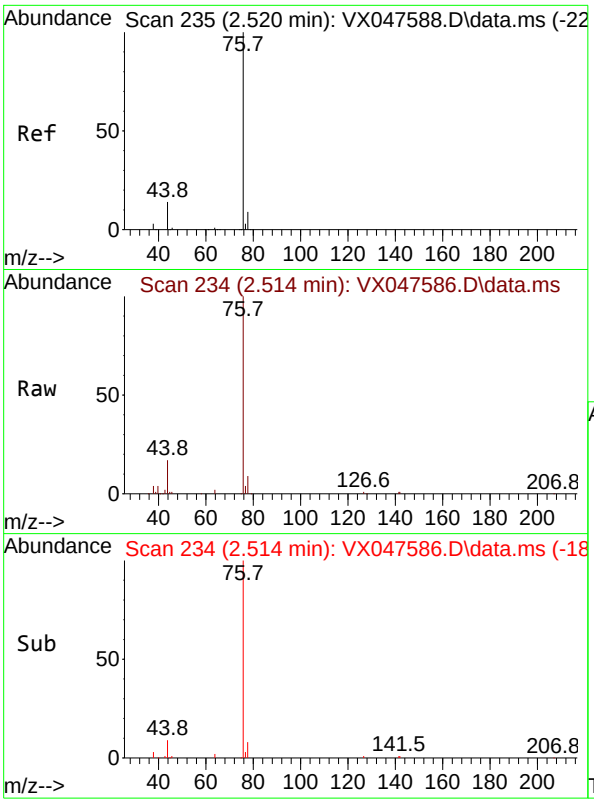


#16
Acetone
Concen: 30.079 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 41297

Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.4	35.0

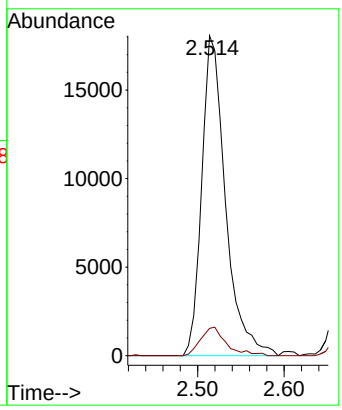




#17
Carbon Disulfide
Concen: 5.335 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 76 Resp: 3442

Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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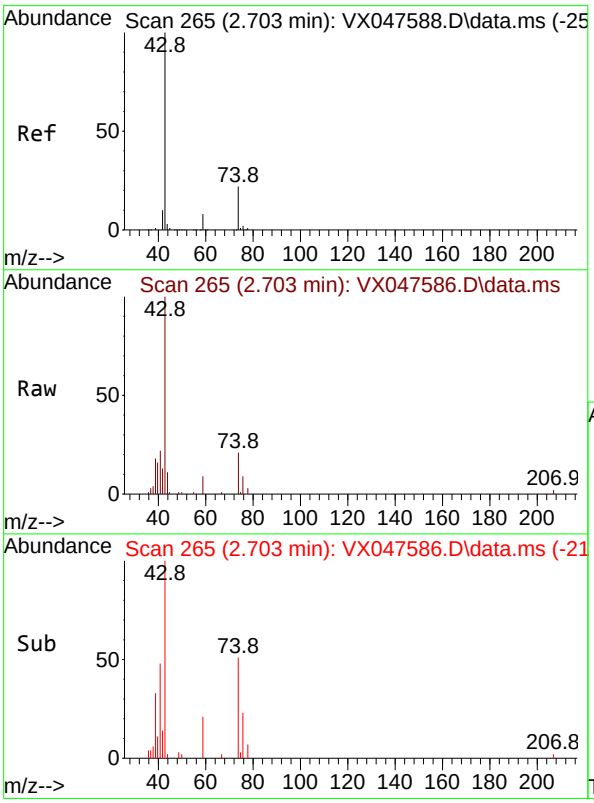
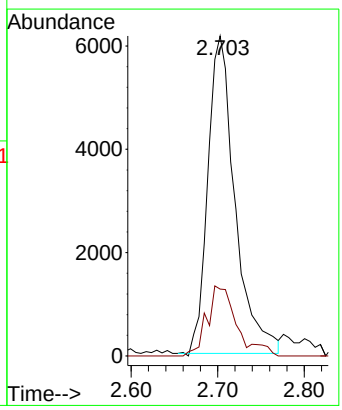
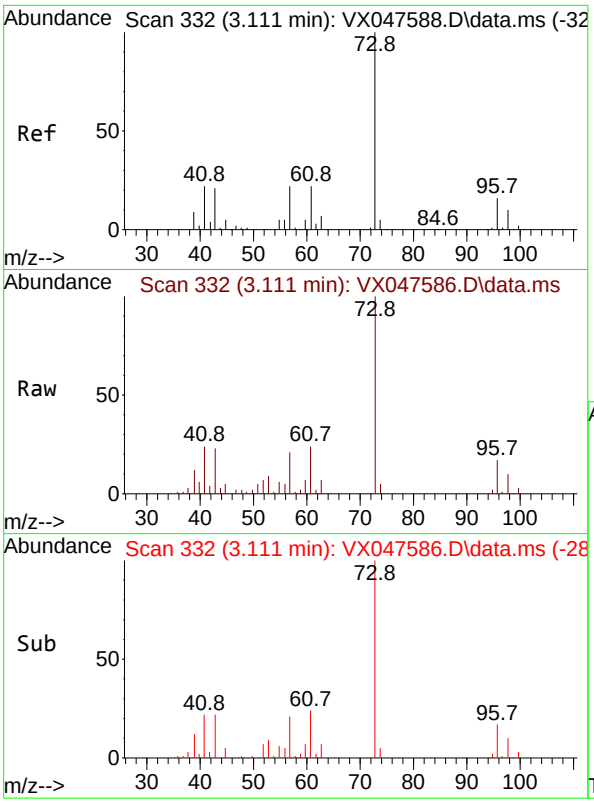


#18
Methyl Acetate
Concen: 4.371 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 13357

Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.4	26.2

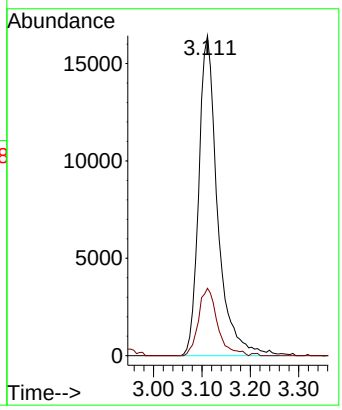




#19
Methyl tert-butyl Ether
Concen: 5.160 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 73 Resp: 4439

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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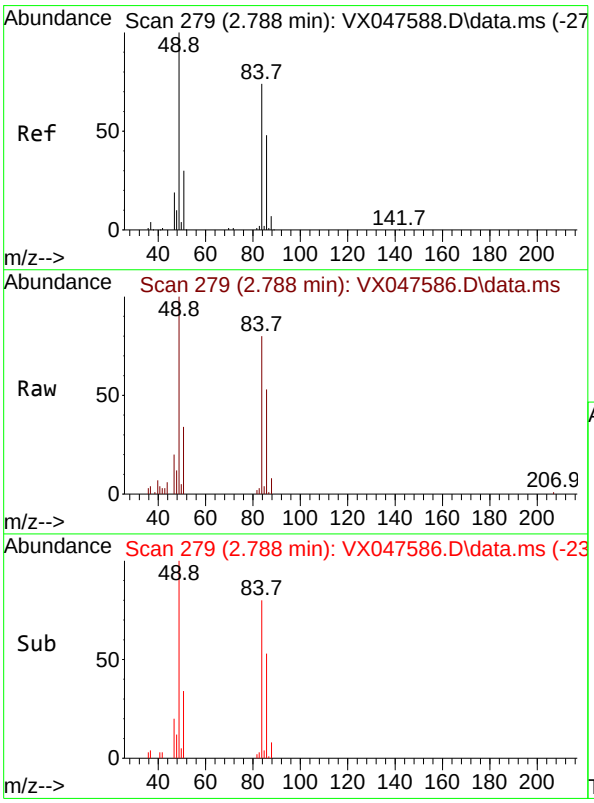
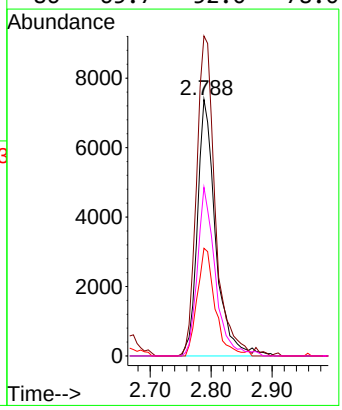
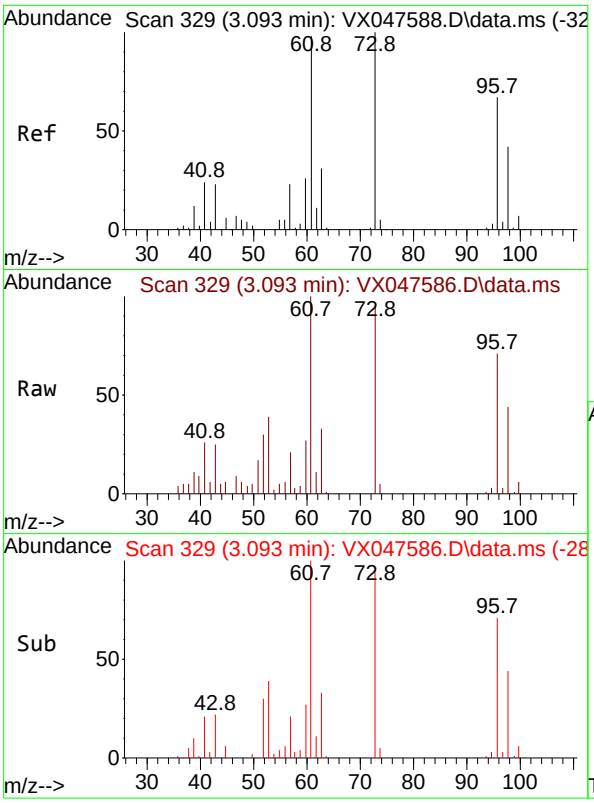


#20
Methylene Chloride
Concen: 5.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 84 Resp: 15307

Ion	Ratio	Lower	Upper
84	100		
49	124.7	108.6	162.8
51	42.0	32.6	48.8
86	65.7	52.0	78.0

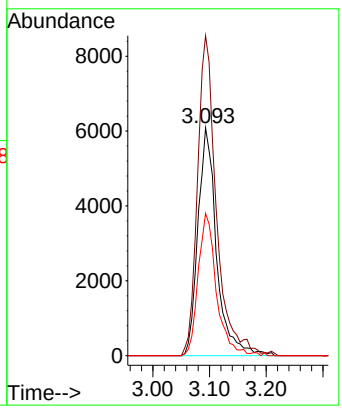




#21
trans-1,2-Dichloroethene
Concen: 5.492 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 96 Resp: 1393

Ion	Ratio	Lower	Upper
96	100		
61	140.4	116.2	174.2
98	62.4	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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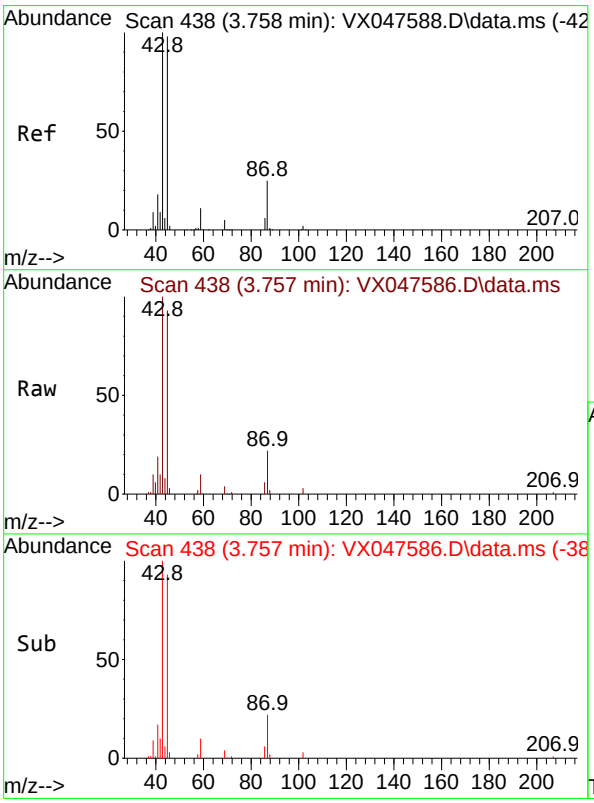
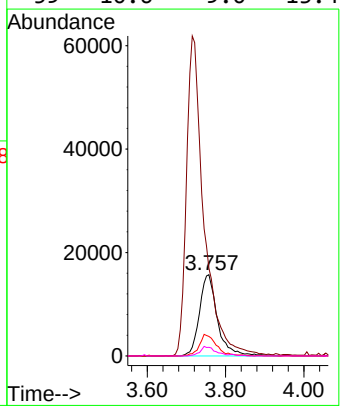
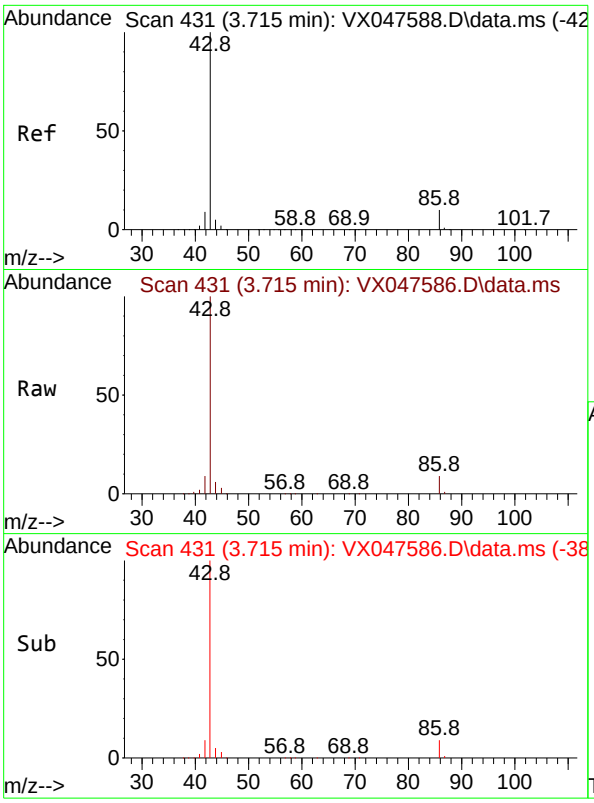


#22
Diisopropyl ether
Concen: 5.327 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 45 Resp: 50213

Ion	Ratio	Lower	Upper
45	100		
43	102.8	81.0	121.4
87	23.3	20.3	30.5
59	10.6	9.0	13.4





#23
Vinyl Acetate
Concen: 25.474 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 19217

Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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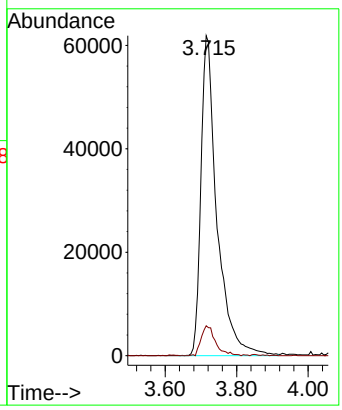
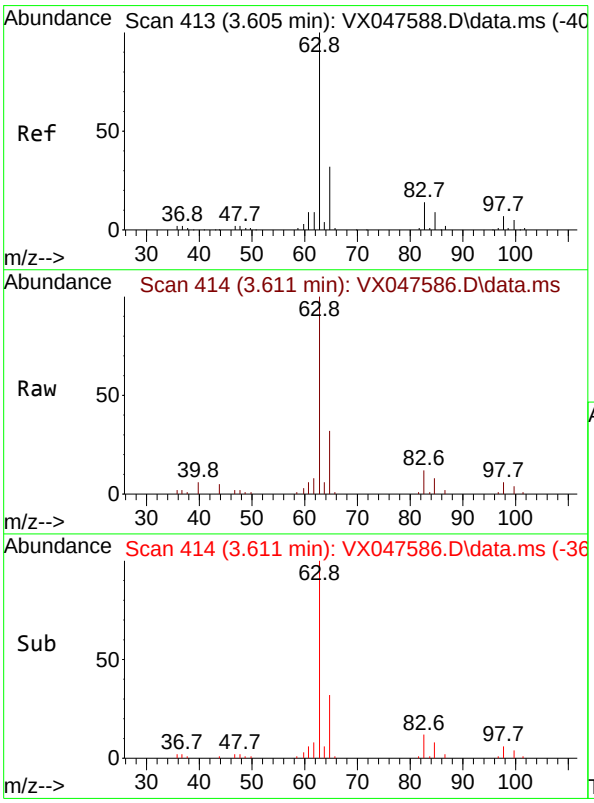
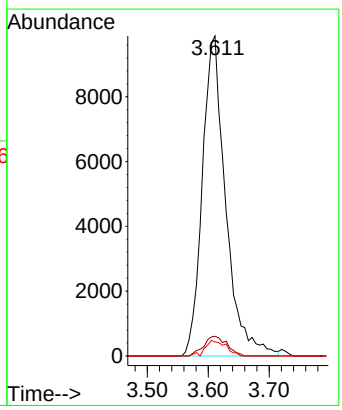


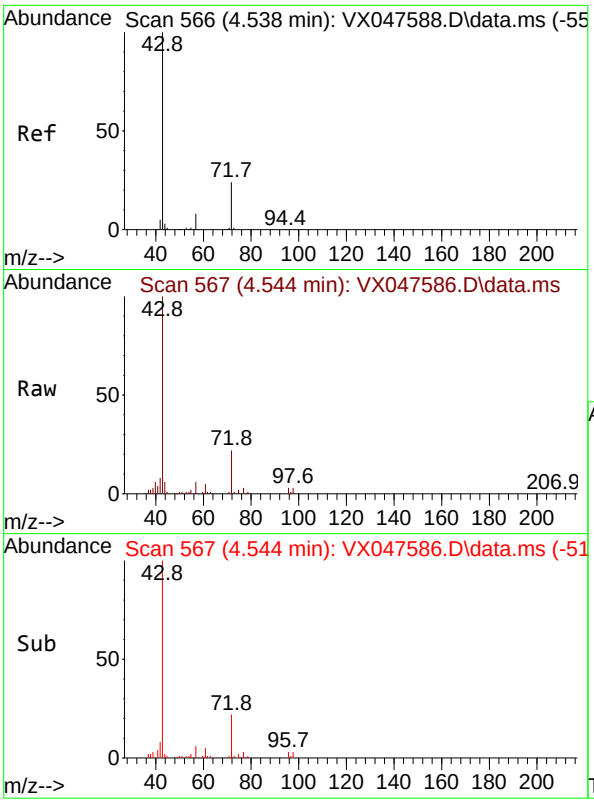


#24
1,1-Dichloroethane
Concen: 5.248 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 26292

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.8	11.2
100	4.4	2.3	6.9





#25
2-Butanone
Concen: 27.240 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

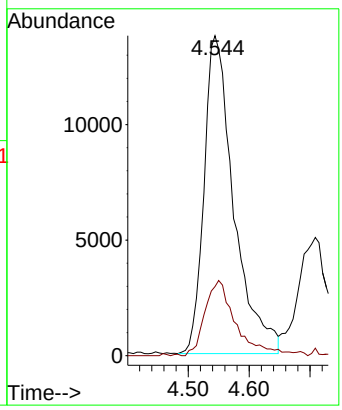
Tgt Ion: 43 Resp: 4665

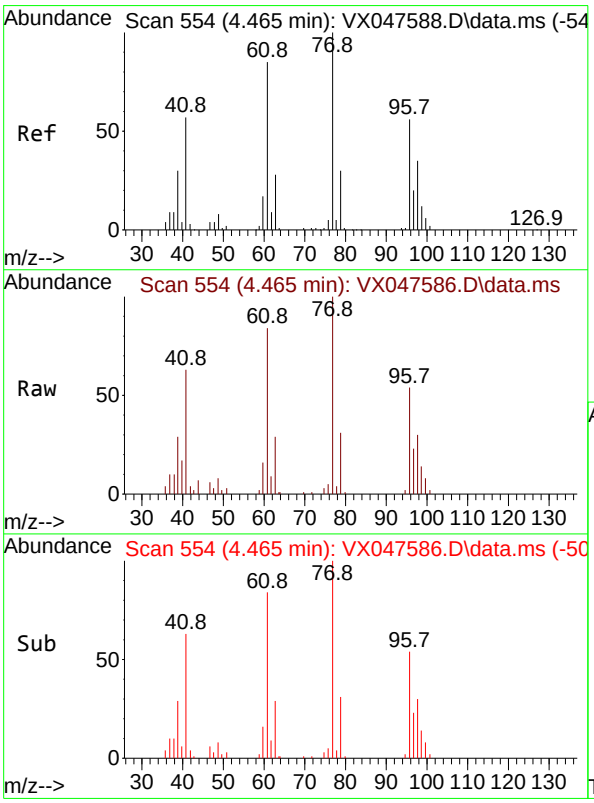
Ion	Ratio	Lower	Upper
43	100		
72	21.3	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

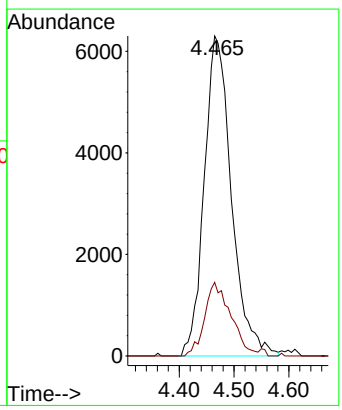


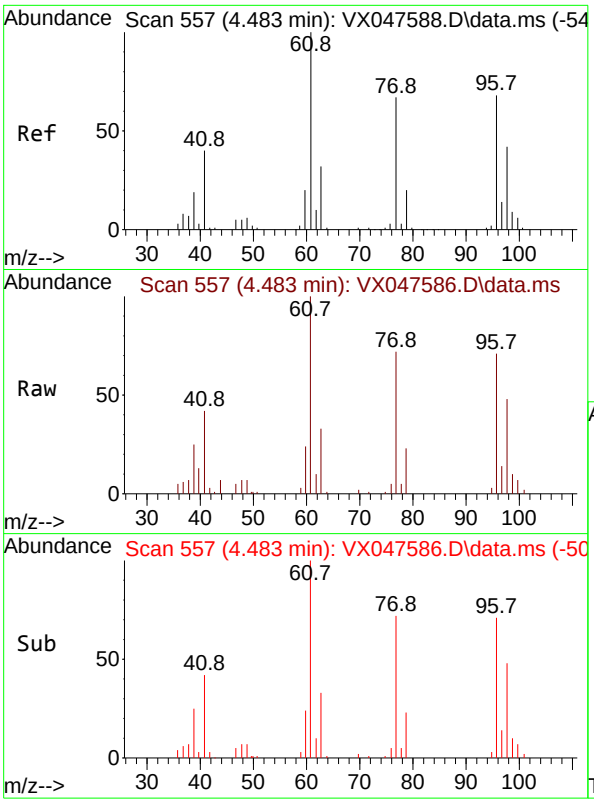


#26
2,2-Dichloropropane
Concen: 5.220 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 77 Resp: 21738

Ion	Ratio	Lower	Upper
77	100		
97	22.2	10.9	32.7

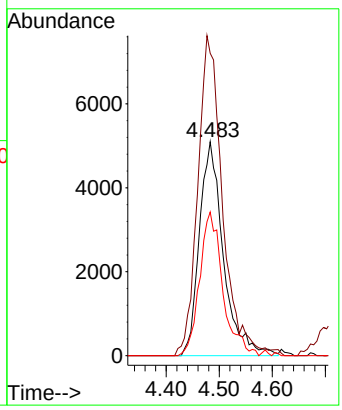




#27
cis-1,2-Dichloroethene
Concen: 5.147 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 96 Resp: 1599

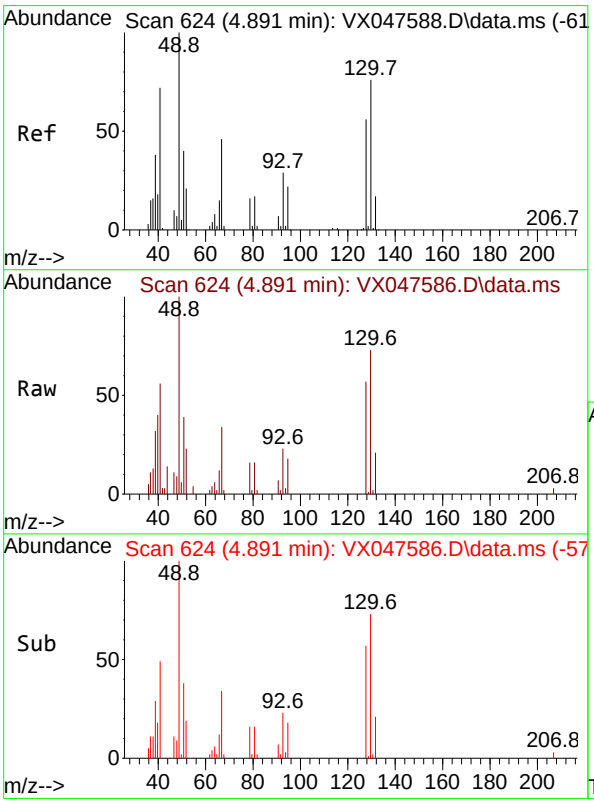
Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	303.2
98	64.8	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

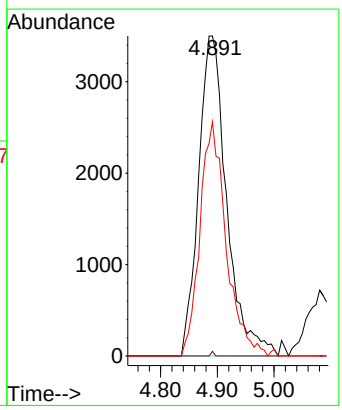
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

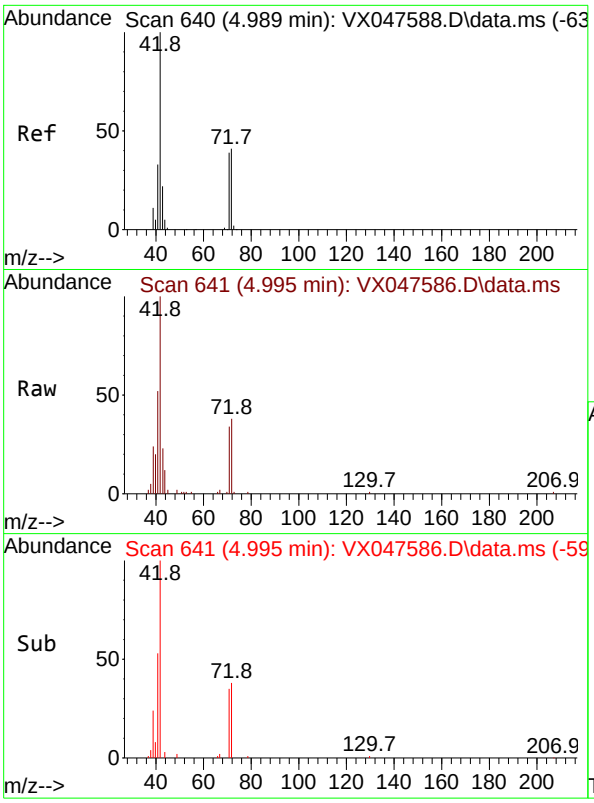


#28
Bromochloromethane
Concen: 5.508 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 49 Resp: 12047

Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	3.2
130	68.0	57.8	86.8





#29
Tetrahydrofuran
Concen: 25.944 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

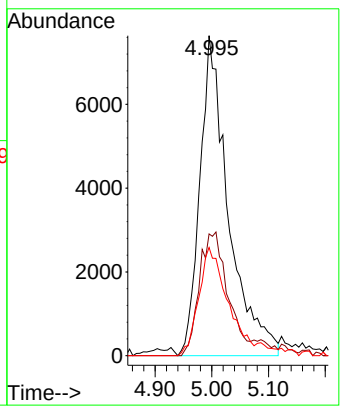
Tgt Ion: 42 Resp: 2672

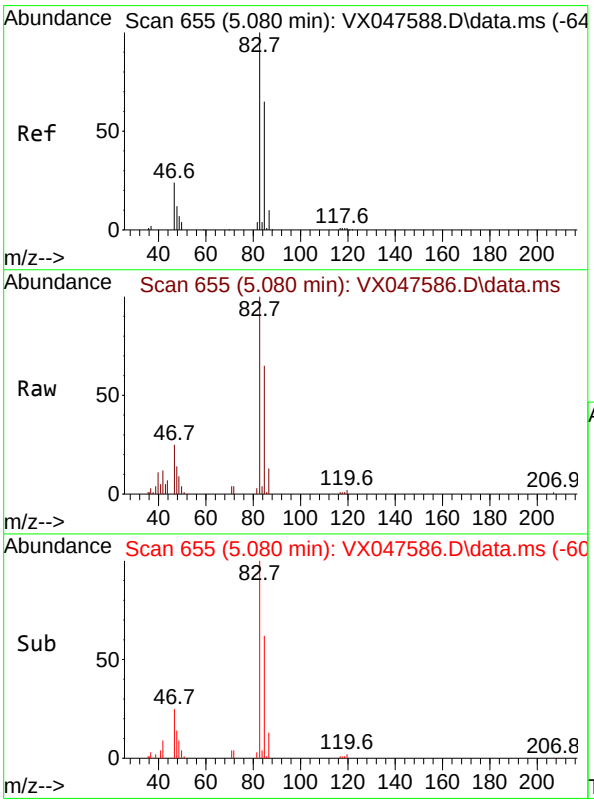
Ion	Ratio	Lower	Upper
42	100		
72	38.7	34.2	51.2
71	34.1	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

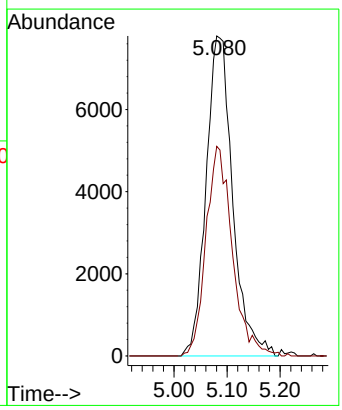


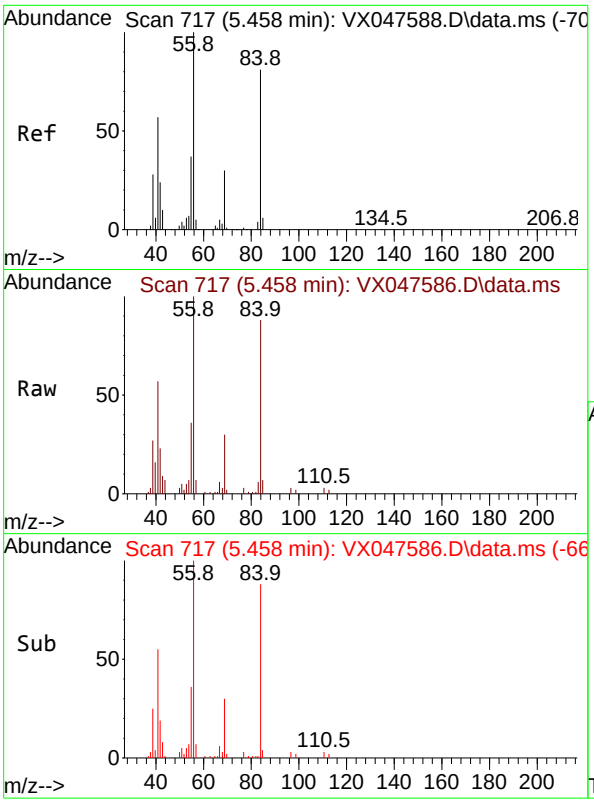


#30
Chloroform
Concen: 5.344 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 27054

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.6





#31
Cyclohexane
Concen: 5.520 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 56 Resp: 2303

Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.8	35.8
84	87.1	64.6	97.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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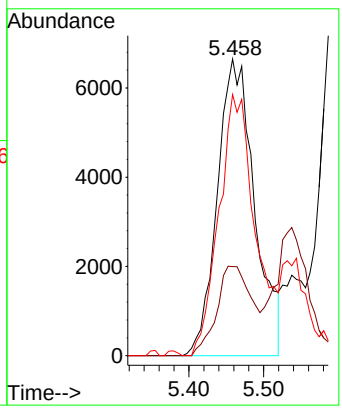
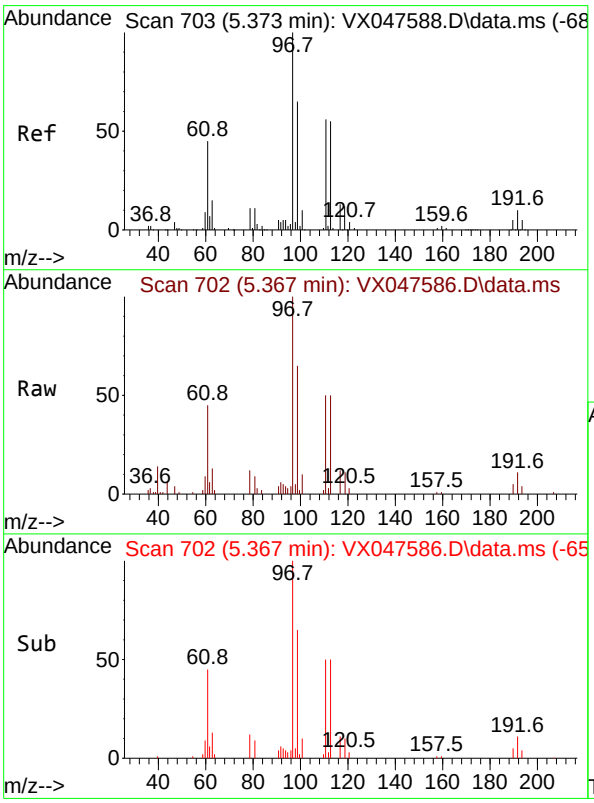
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

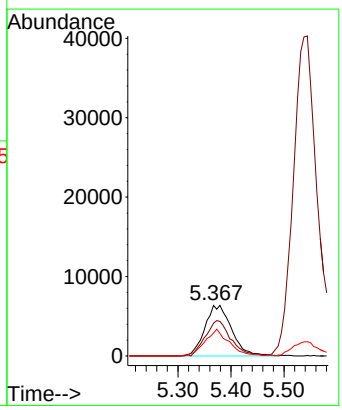


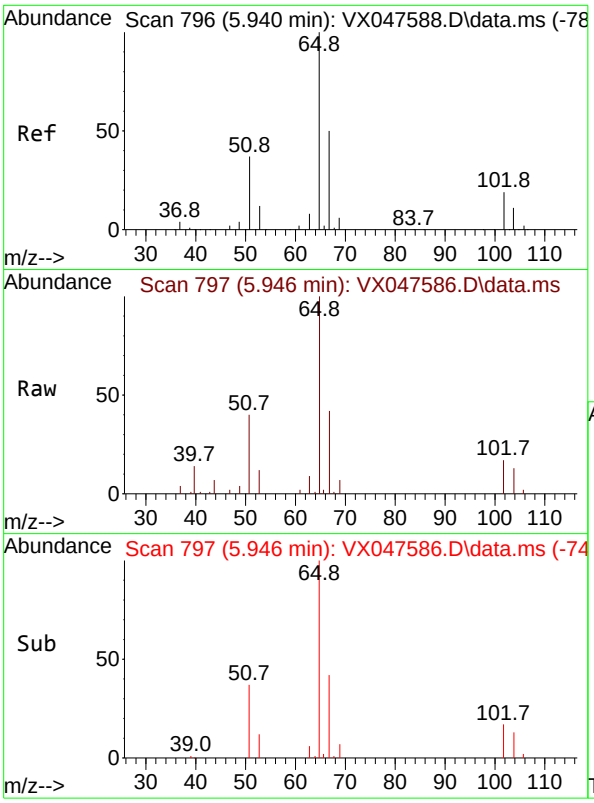


#32
1,1,1-Trichloroethane
Concen: 5.188 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 97 Resp: 22279

Ion	Ratio	Lower	Upper
97	100		
99	66.4	50.6	76.0
61	47.4	35.8	53.8

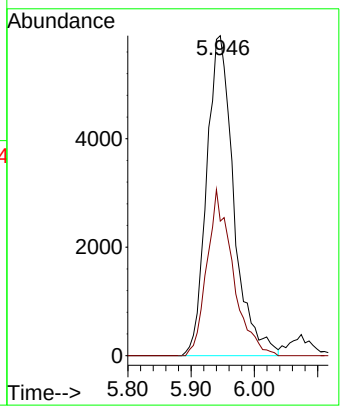




#33
1,2-Dichloroethane-d4
Concen: 5.554 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 65 Resp: 1753

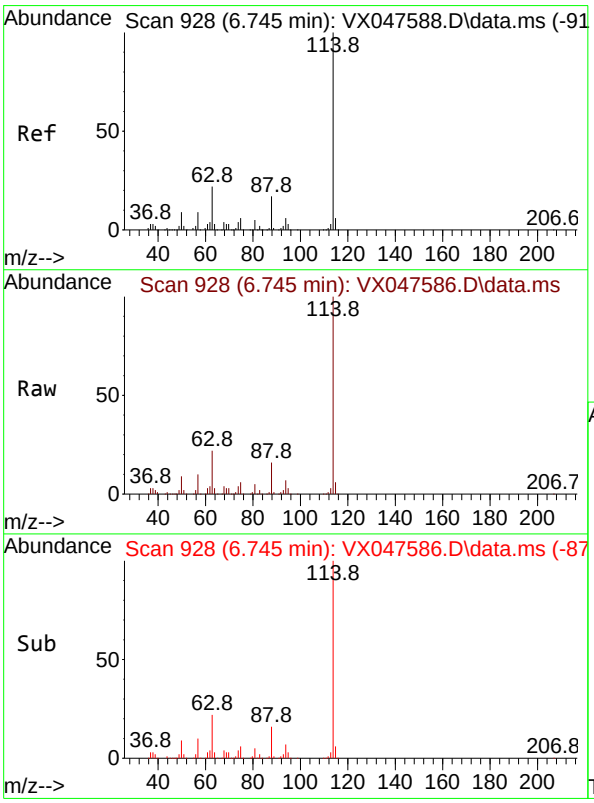
Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

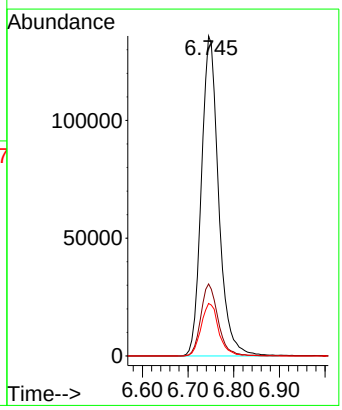
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

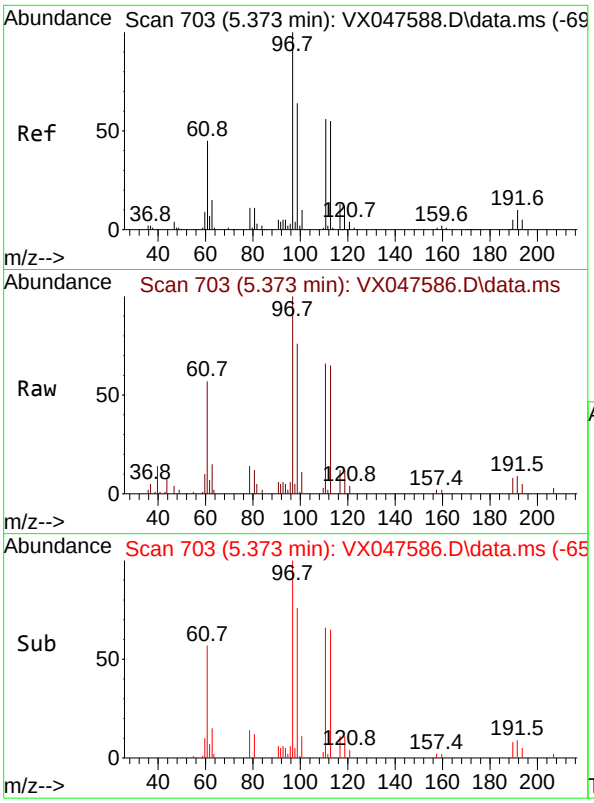


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:114 Resp: 355026

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	16.4	0.0	34.2

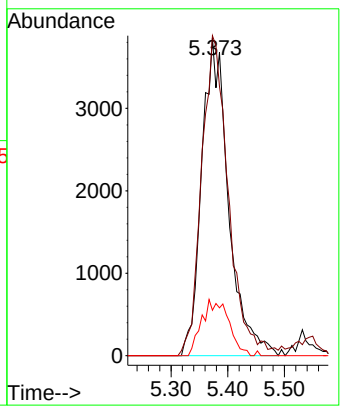




#35
Dibromofluoromethane
Concen: 5.312 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:113 Resp: 1264

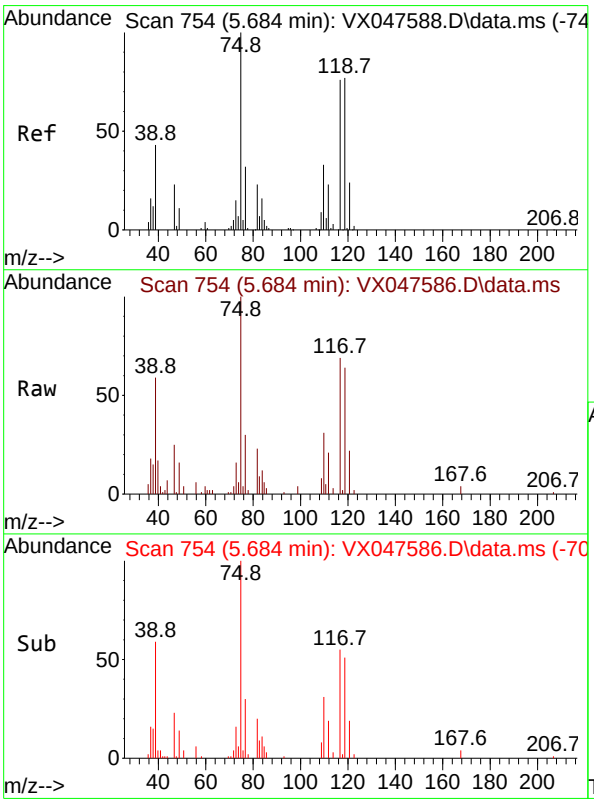
Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.9	121.3
192	17.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

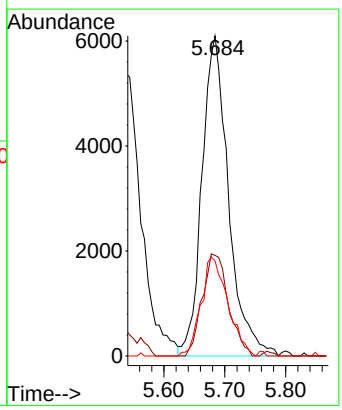
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

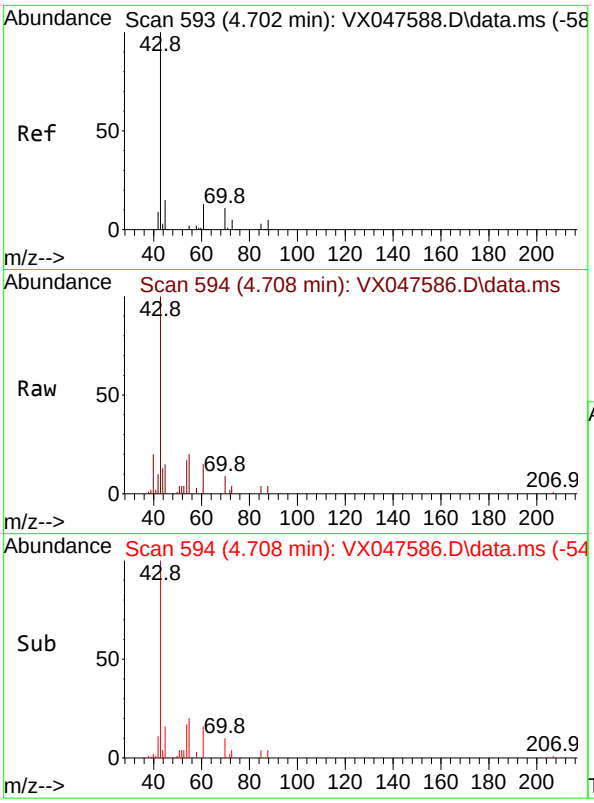


#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 18455

Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.7	50.1
77	31.0	24.3	36.5





#37
Ethyl Acetate
Concen: 5.345 ug/l
RT: 4.708 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 1991

Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.8	14.8
70	7.6	7.9	11.9#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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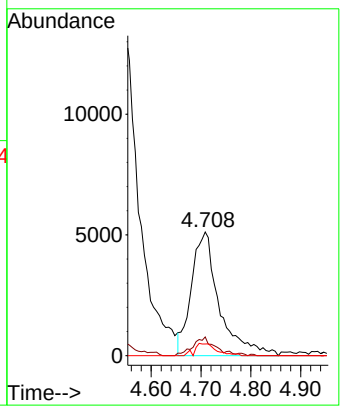
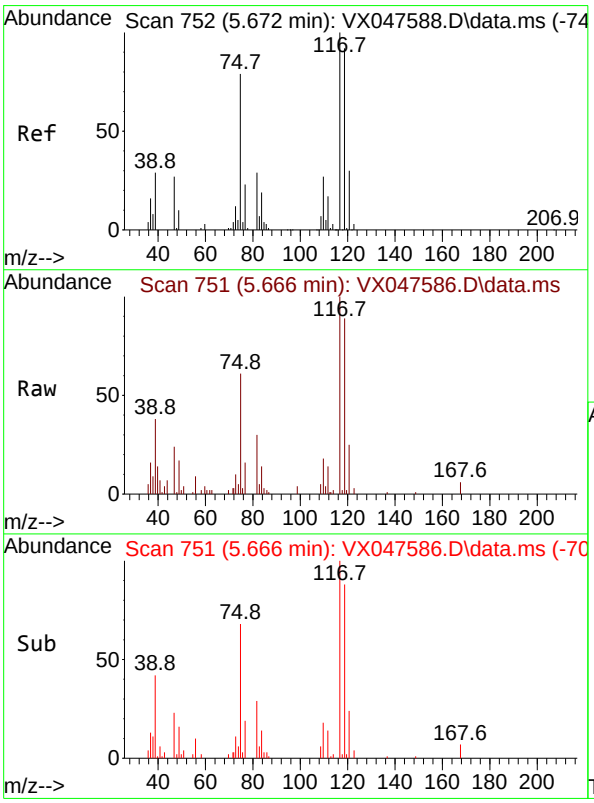
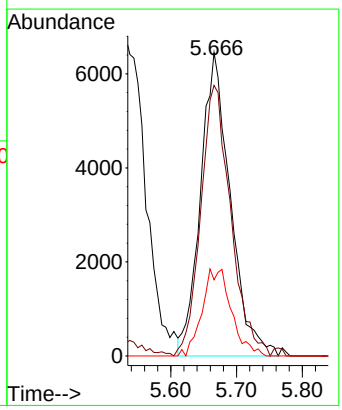


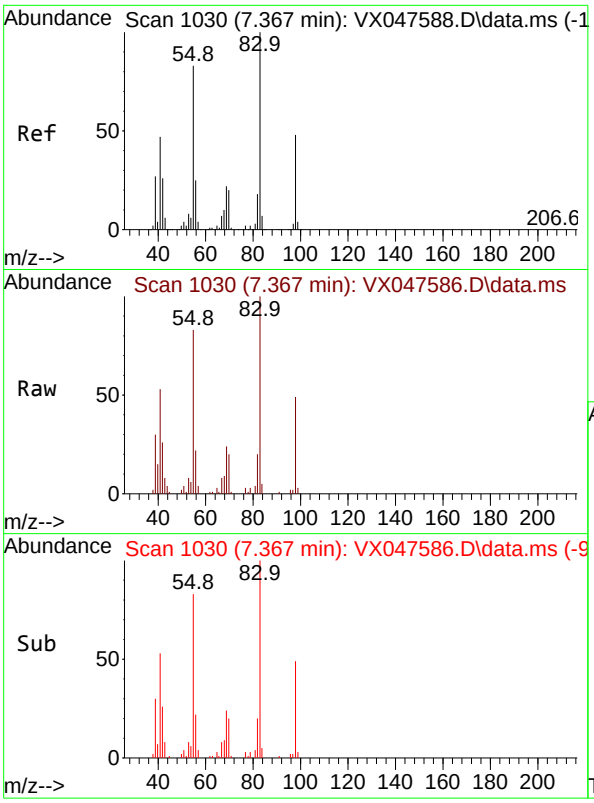


#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 20376

Ion	Ratio	Lower	Upper
117	100		
119	88.9	73.4	110.2
121	25.1	23.8	35.6





#39
Methylcyclohexane
Concen: 5.292 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

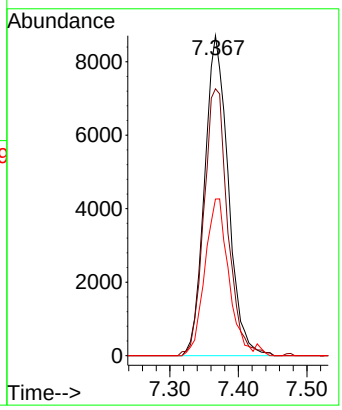
Tgt Ion: 83 Resp: 2090

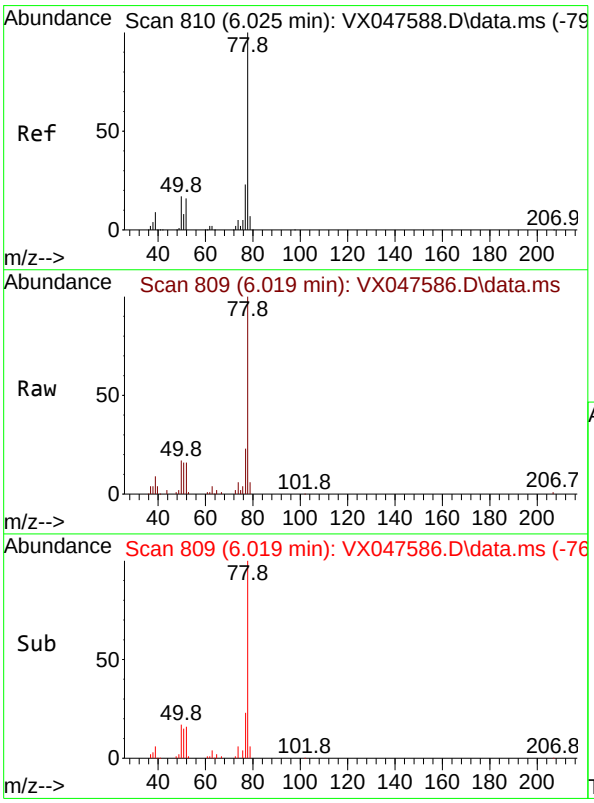
Ion	Ratio	Lower	Upper
83	100		
55	79.1	66.4	99.6
98	46.4	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

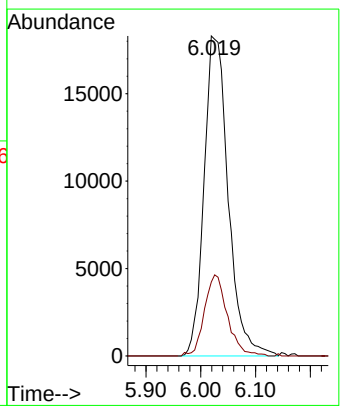


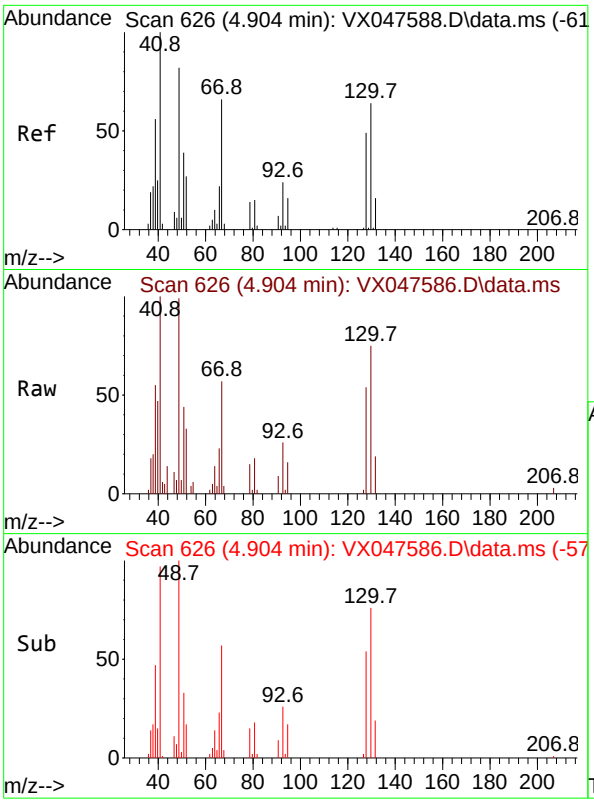


#40
Benzene
Concen: 5.299 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 78 Resp: 55996

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2

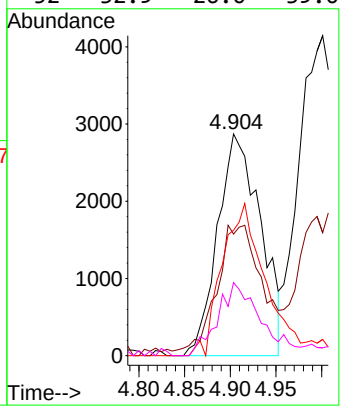




#41
Methacrylonitrile
Concen: 4.883 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 939

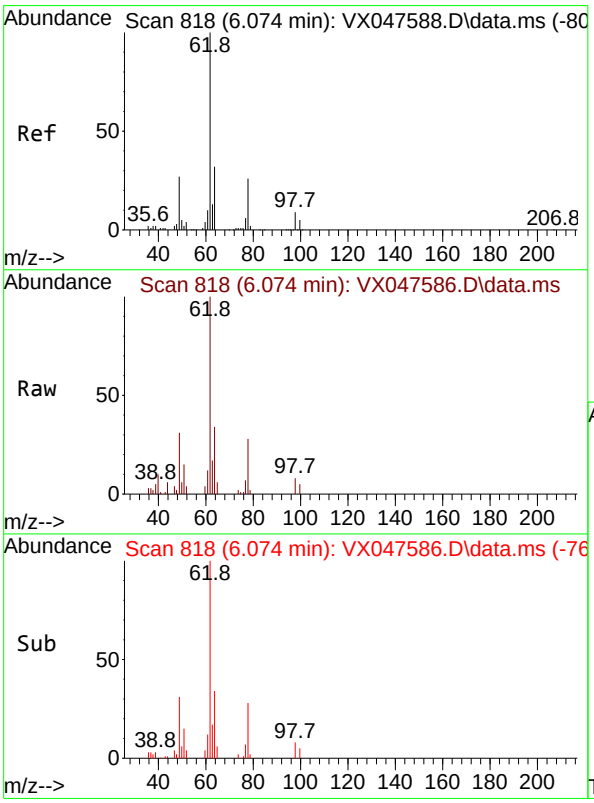
Ion	Ratio	Lower	Upper
41	100		
39	58.3	43.3	64.9
67	68.7	58.6	87.8
52	32.9	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

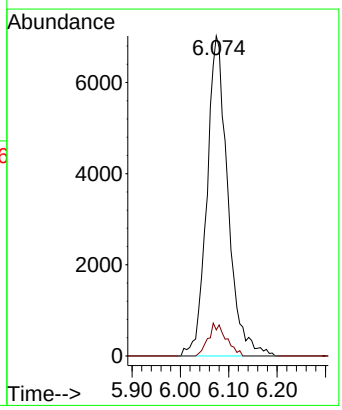
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

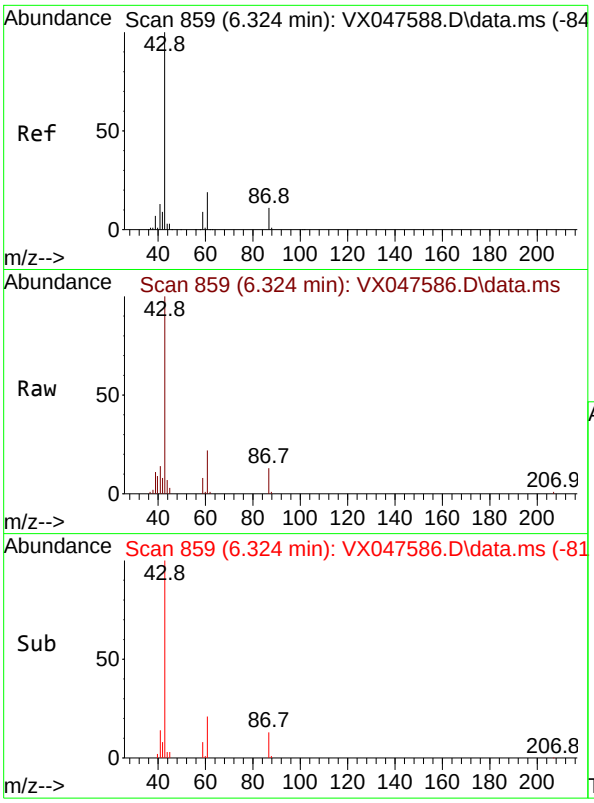


#42
1,2-Dichloroethane
Concen: 5.252 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 21117

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

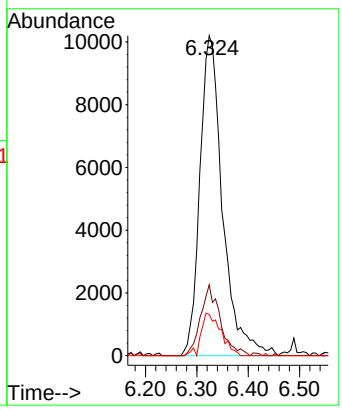




#43
Isopropyl Acetate
Concen: 5.124 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 3130

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	11.6	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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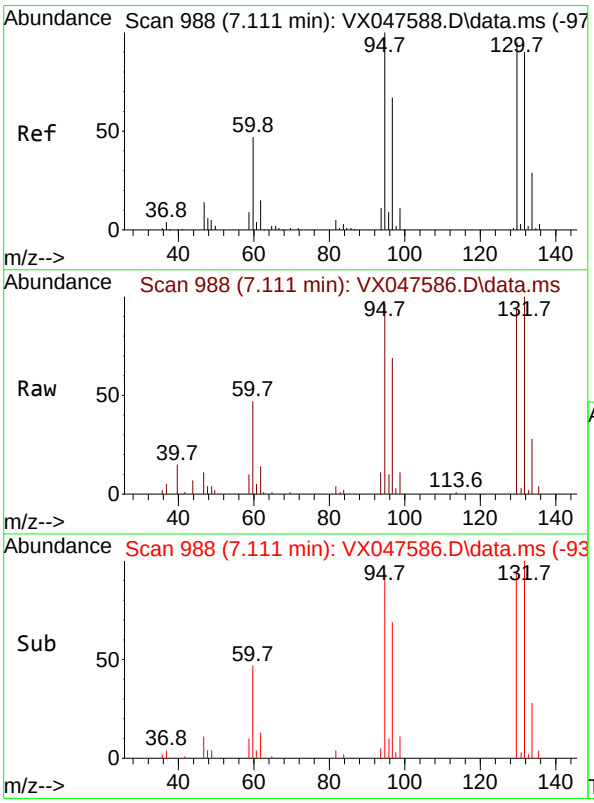
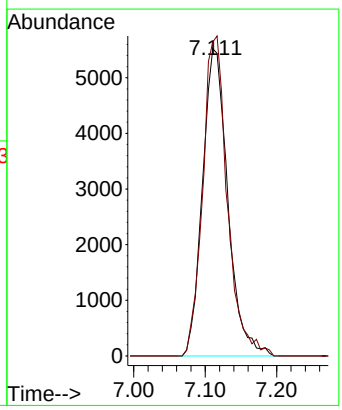
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

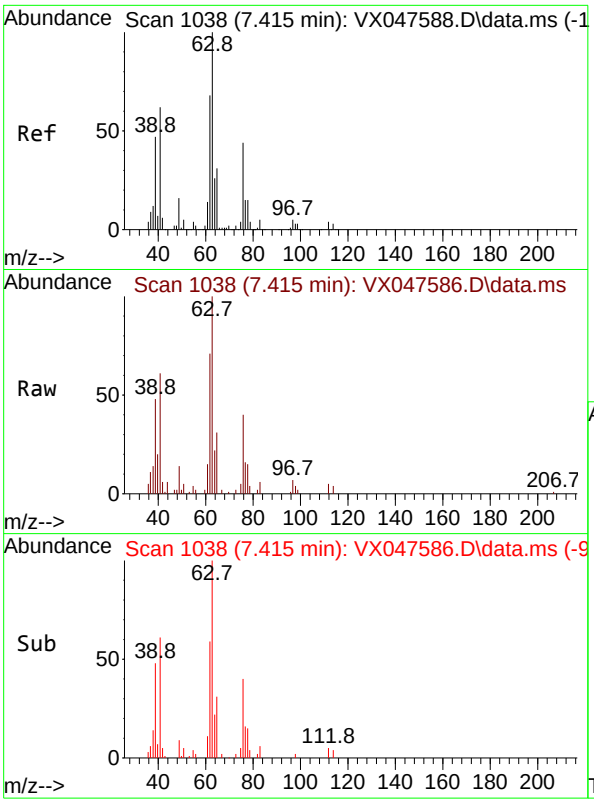


#44
Trichloroethene
Concen: 5.314 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:130 Resp: 13576

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	210.8





#45
1,2-Dichloropropane
Concen: 5.287 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 1430

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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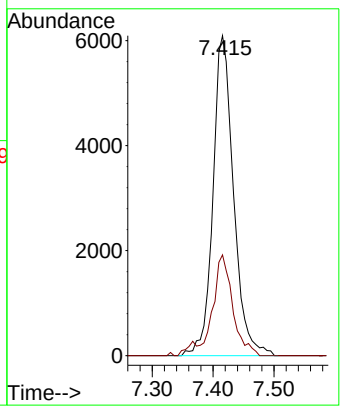
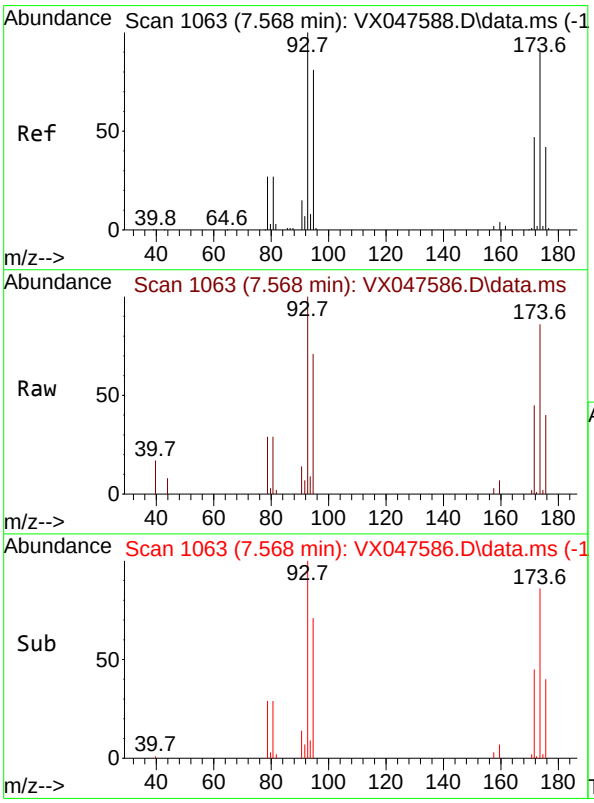
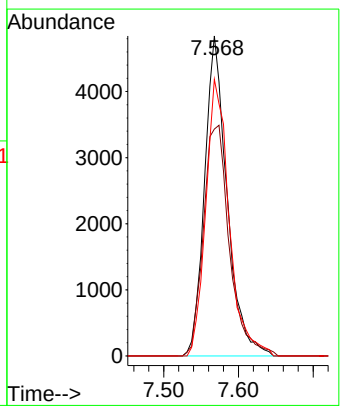


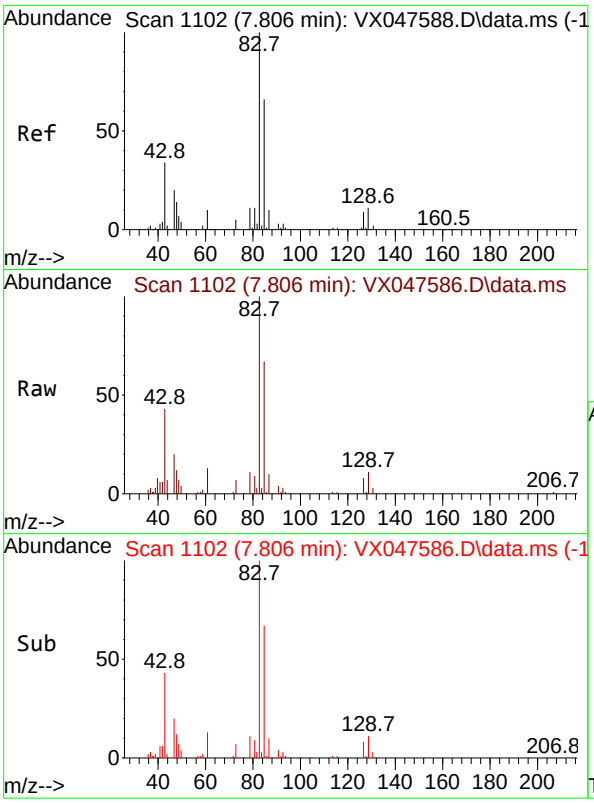


#46
Dibromomethane
Concen: 5.146 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 93 Resp: 10133

Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.0	97.6
174	90.0	71.6	107.4

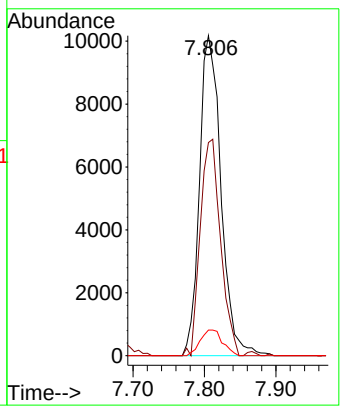




#47
Bromodichloromethane
Concen: 5.235 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 2127

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7
127	7.8	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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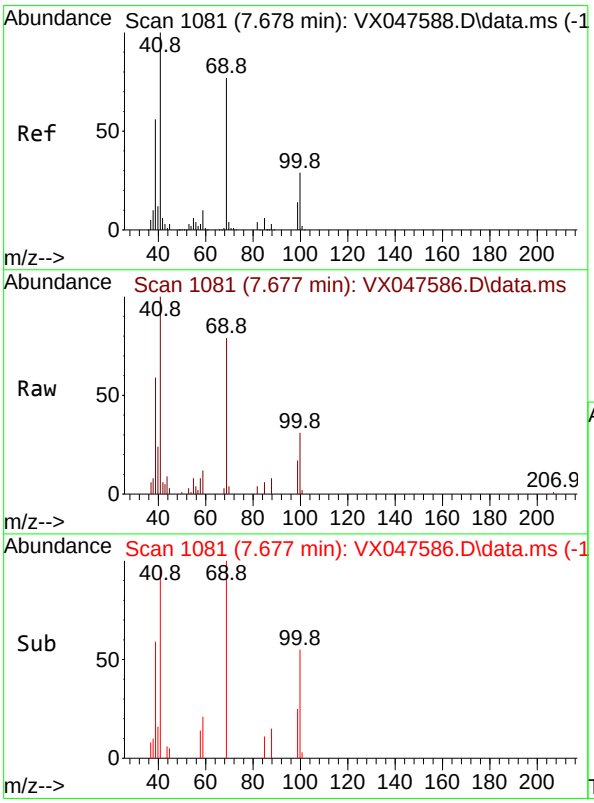
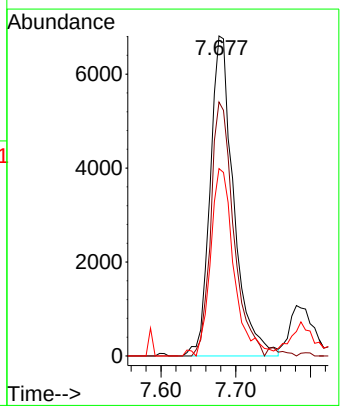
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

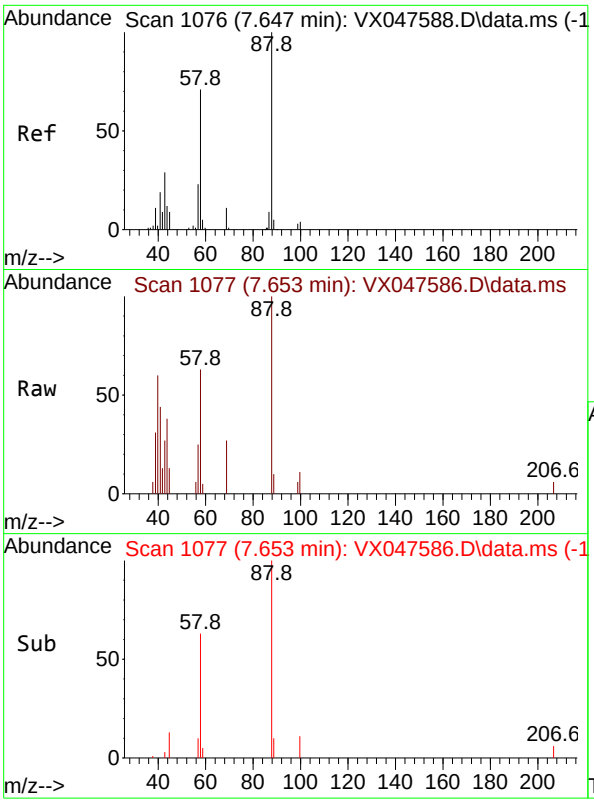


#48
Methyl methacrylate
Concen: 4.915 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 14959

Ion	Ratio	Lower	Upper
41	100		
69	76.4	61.4	92.2
39	58.2	45.8	68.6

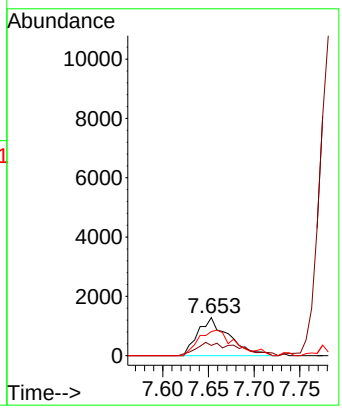




#49
1,4-Dioxane
Concen: 98.096 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 88 Resp: 301

Ion	Ratio	Lower	Upper
88	100		
43	48.3	30.2	45.2
58	79.1	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Reviewed By :John Carlone 09/17/2025
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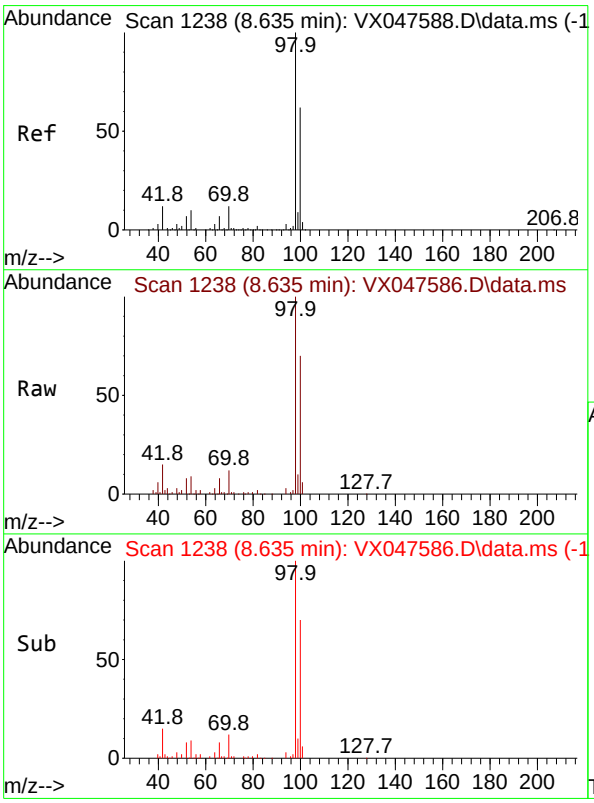
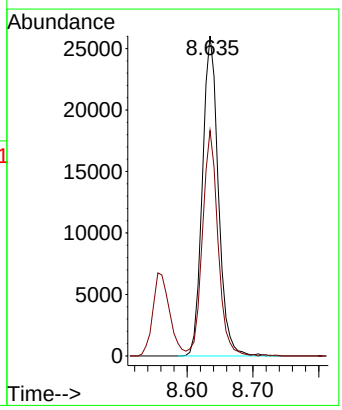
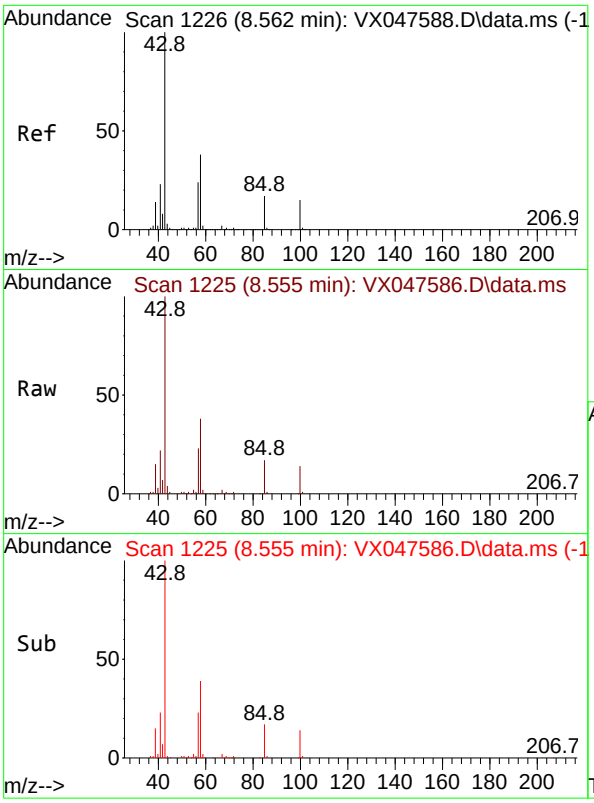


#50
Toluene-d8
Concen: 5.332 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 98 Resp: 43926

Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.0	79.4

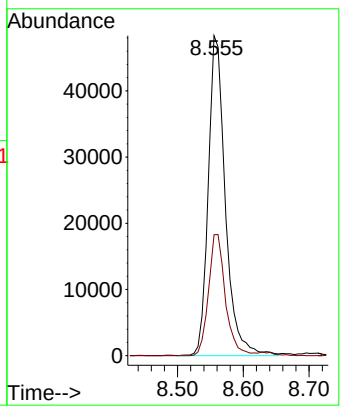




#51
4-Methyl-2-Pentanone
Concen: 25.828 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 8749

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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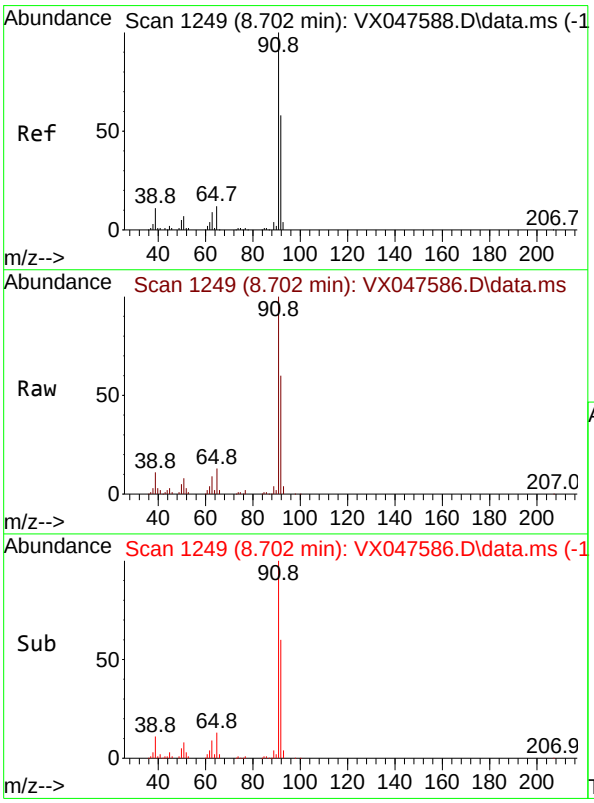
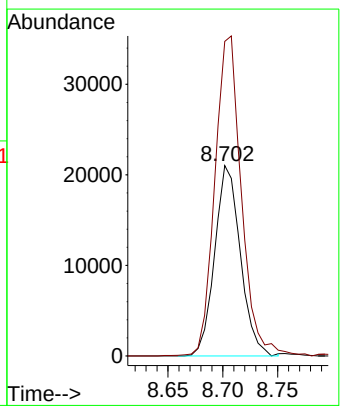
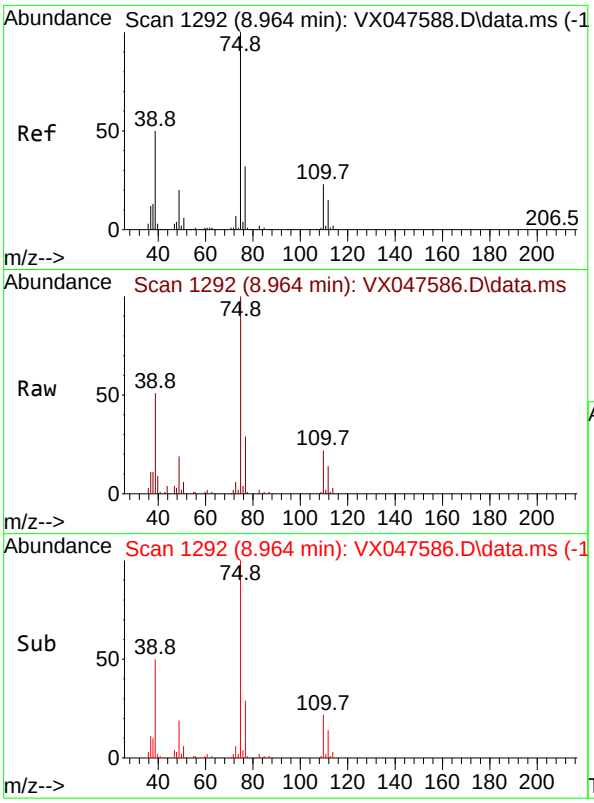


#52
Toluene
Concen: 5.271 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 92 Resp: 34314

Ion	Ratio	Lower	Upper
92	100		
91	173.8	137.1	205.7

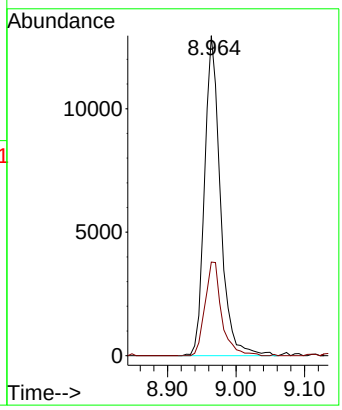




#53
t-1,3-Dichloropropene
Concen: 5.034 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 2086

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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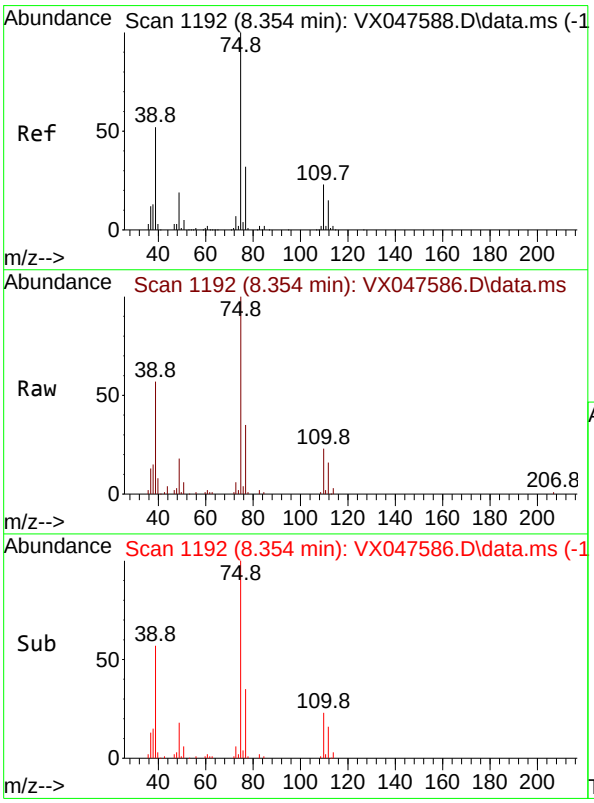
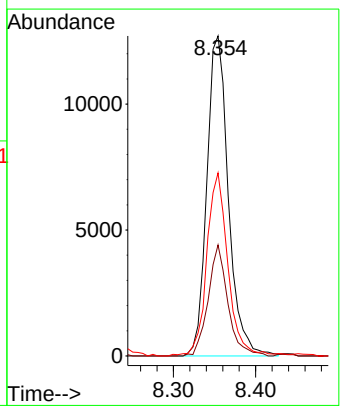
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

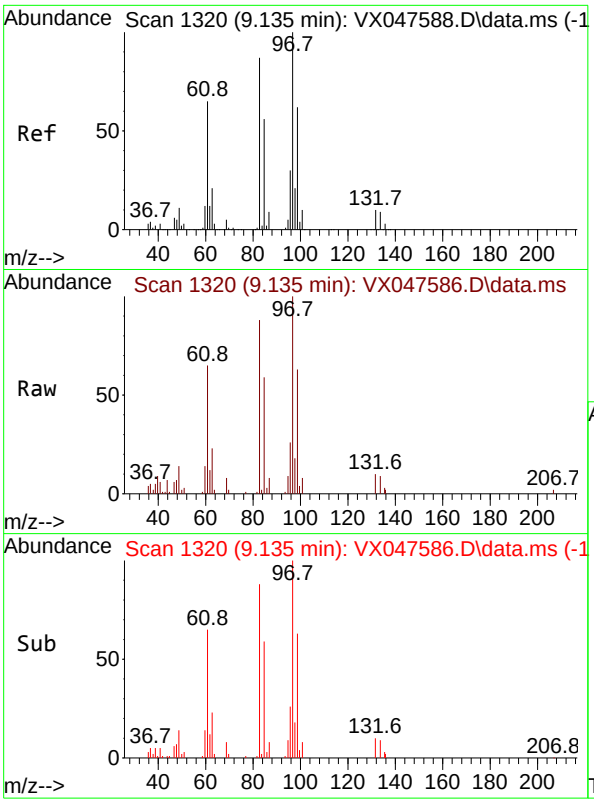


#54
cis-1,3-Dichloropropene
Concen: 5.227 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 23157

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.8	38.6
39	51.7	41.4	62.2

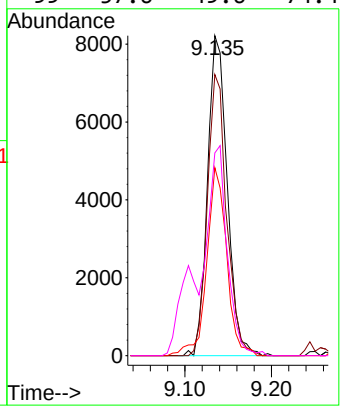




#55
1,1,2-Trichloroethane
Concen: 5.166 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 97 Resp: 1296

Ion	Ratio	Lower	Upper
97	100		
83	76.7	69.6	104.4
85	49.9	45.0	67.6
99	57.6	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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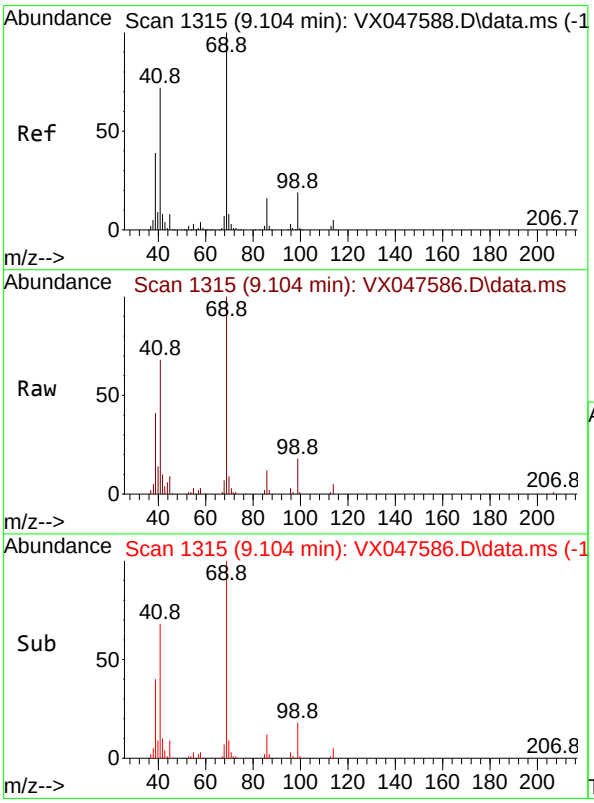
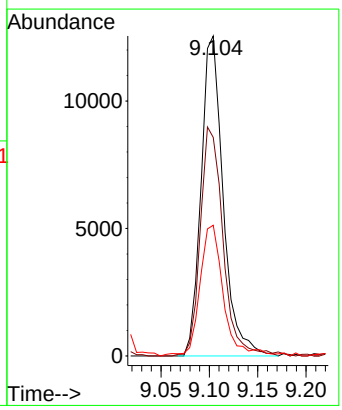
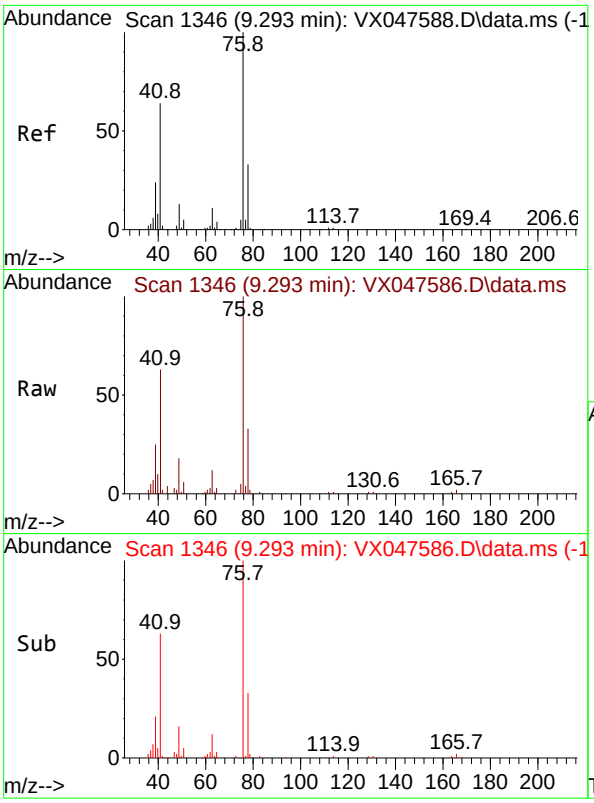


#56
Ethyl methacrylate
Concen: 5.068 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 69 Resp: 19980

Ion	Ratio	Lower	Upper
69	100		
41	73.9	58.6	87.8
39	43.7	31.5	47.3





#57
1,3-Dichloropropane
Concen: 5.331 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 76 Resp: 2298

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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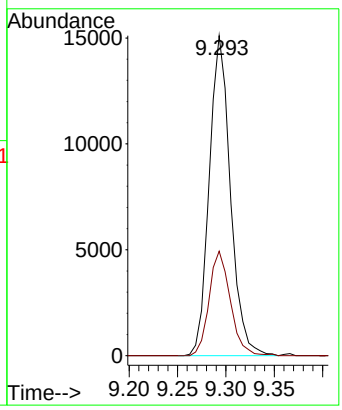
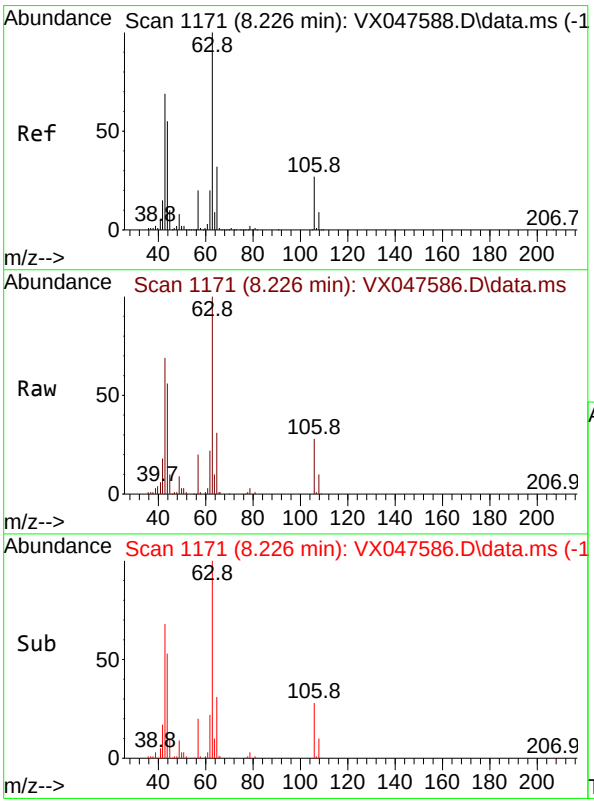
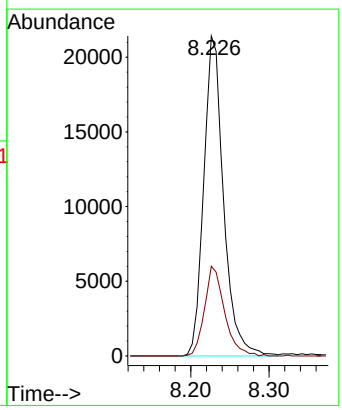


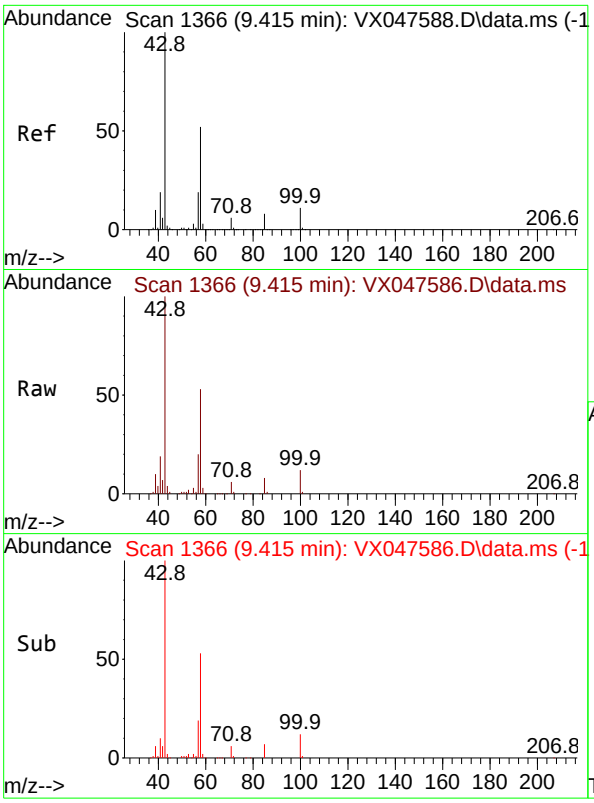


#58
2-Chloroethyl Vinyl ether
Concen: 27.899 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 37585

Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.9	32.9





#59
2-Hexanone
Concen: 27.275 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 6635

Ion	Ratio	Lower	Upper
43	100		
58	51.1	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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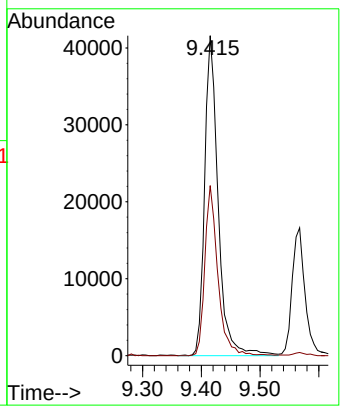
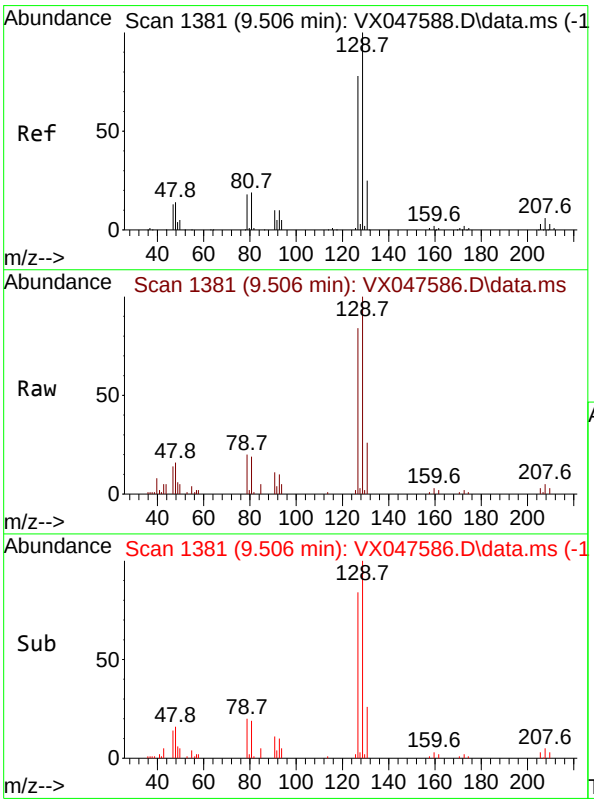
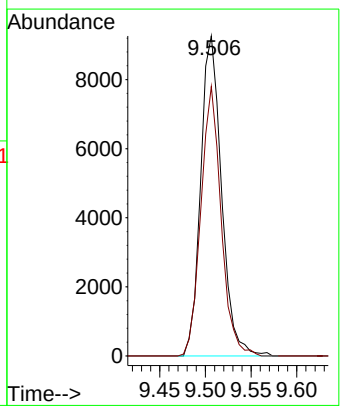


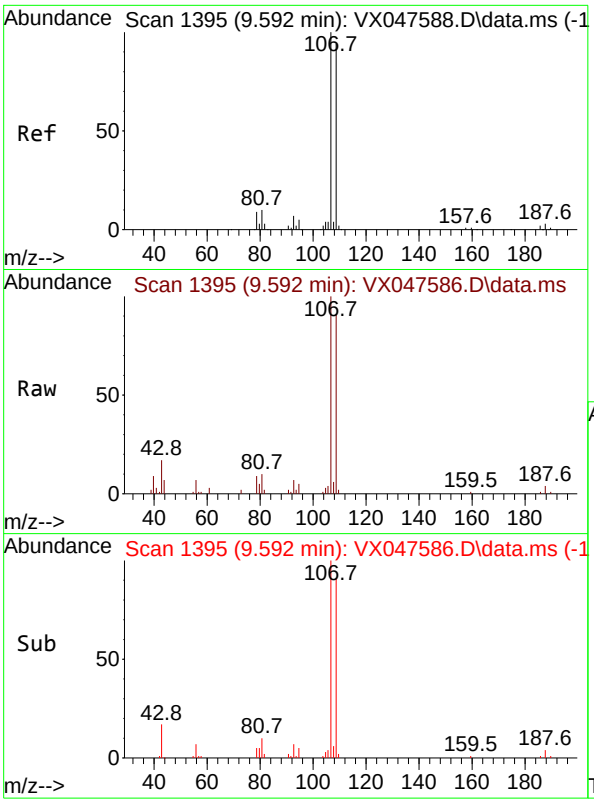


#60
Dibromochloromethane
Concen: 5.084 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:129 Resp: 14705

Ion	Ratio	Lower	Upper
129	100		
127	81.4	38.4	115.2





#61
1,2-Dibromoethane
Concen: 5.264 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:107 Resp: 1346

Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.3	112.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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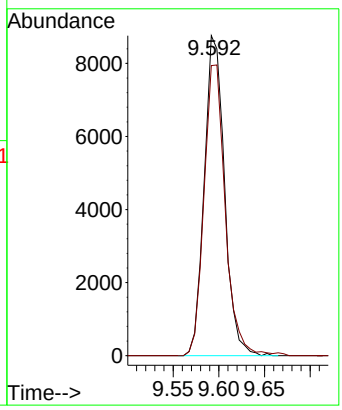
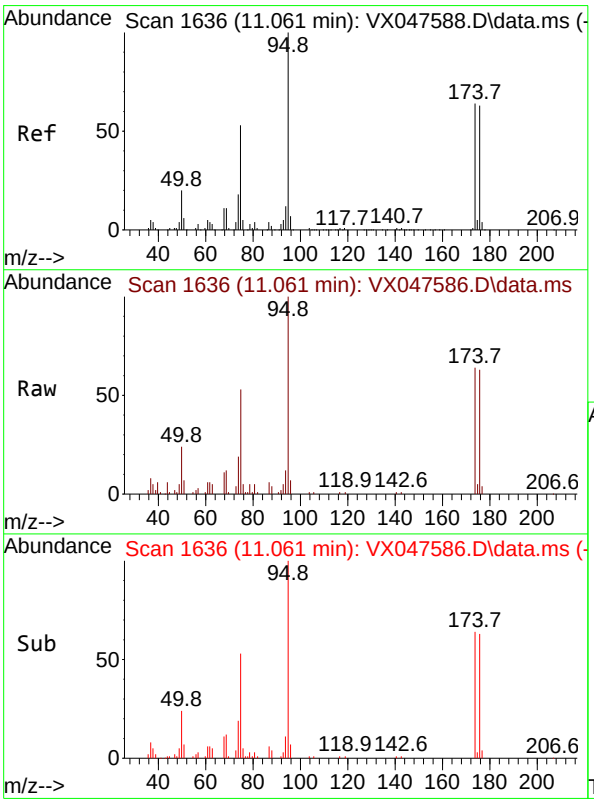
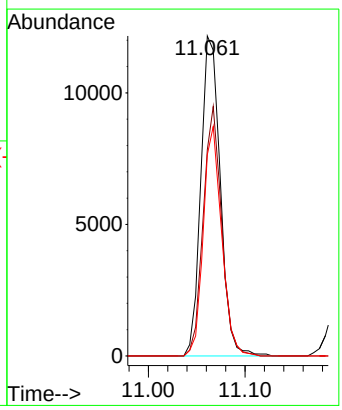


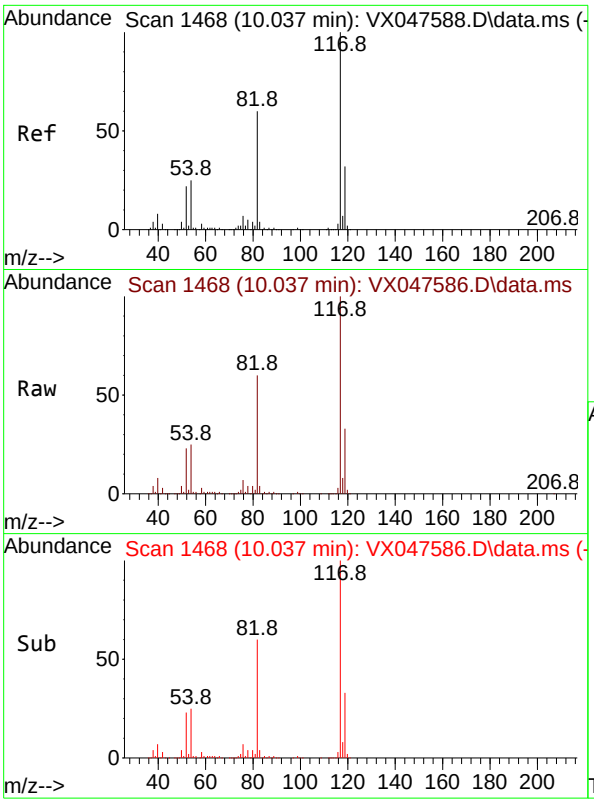


#62
4-Bromofluorobenzene
Concen: 5.429 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 95 Resp: 16974

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	141.6
176	67.9	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

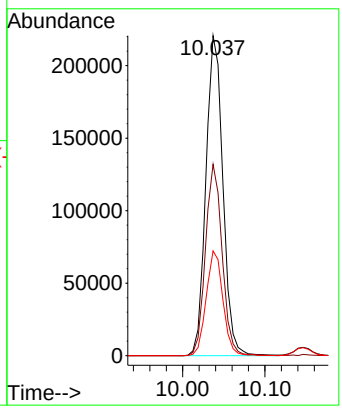
Tgt Ion:117 Resp: 31728

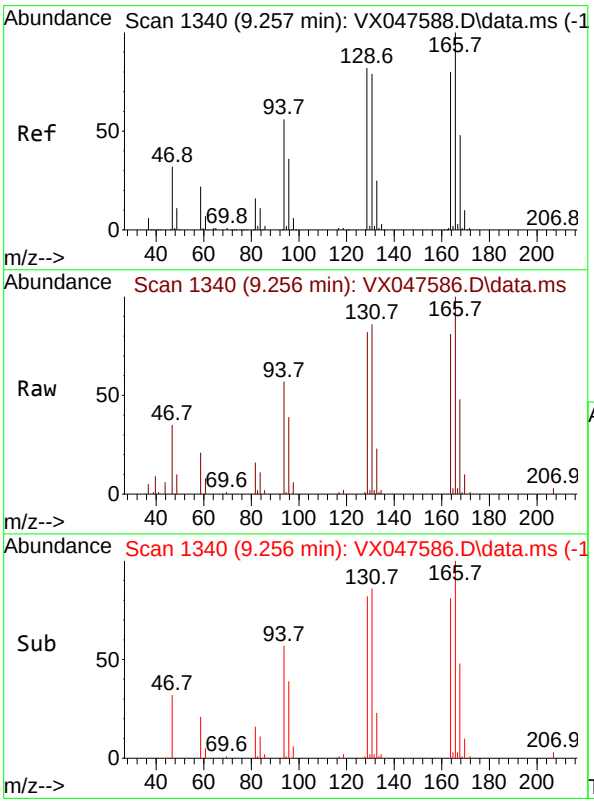
Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.8	71.6
119	32.8	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

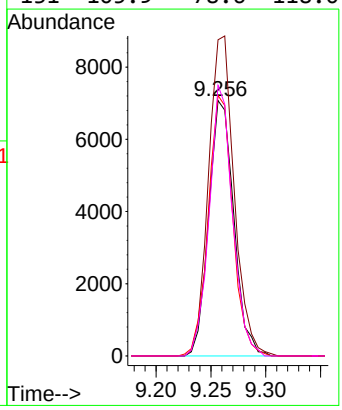


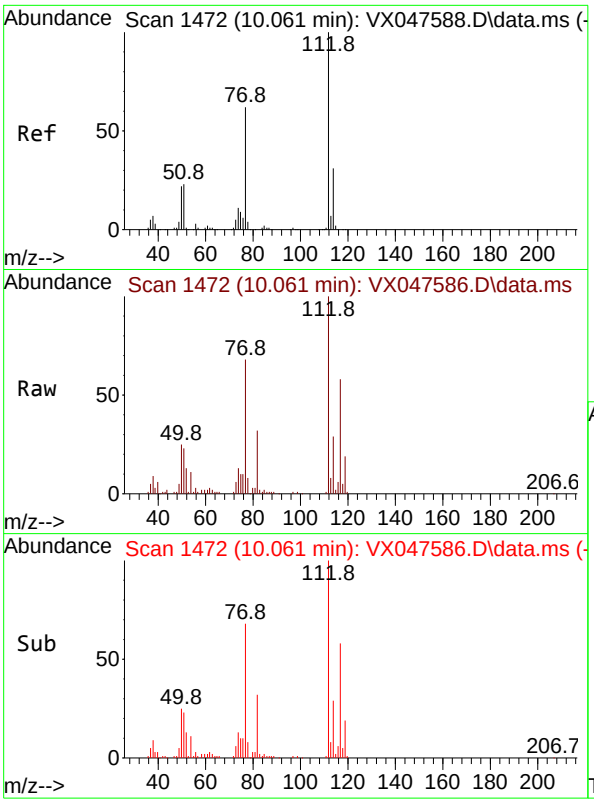


#64
Tetrachloroethene
Concen: 5.428 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:164 Resp: 11228

Ion	Ratio	Lower	Upper
164	100		
166	123.8	100.2	150.2
129	102.0	81.8	122.6
131	105.9	78.6	118.0

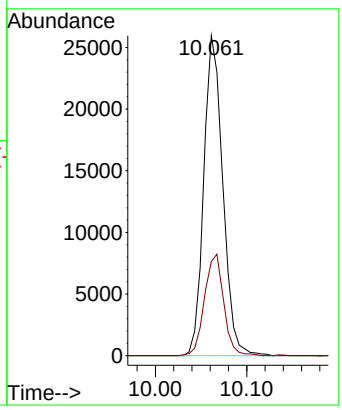




#65
Chlorobenzene
Concen: 5.203 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:112 Resp: 3750

Ion	Ratio	Lower	Upper
112	100		
114	29.2	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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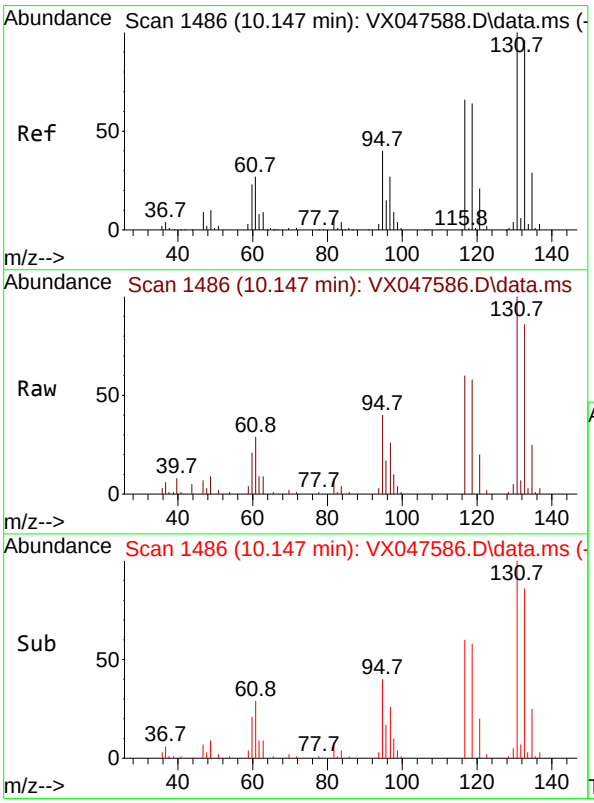
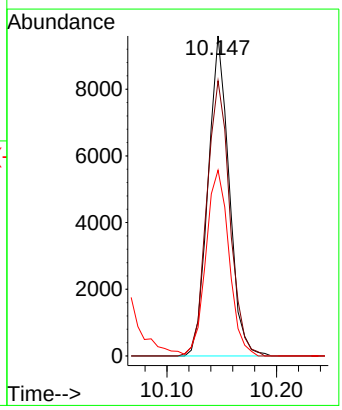
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

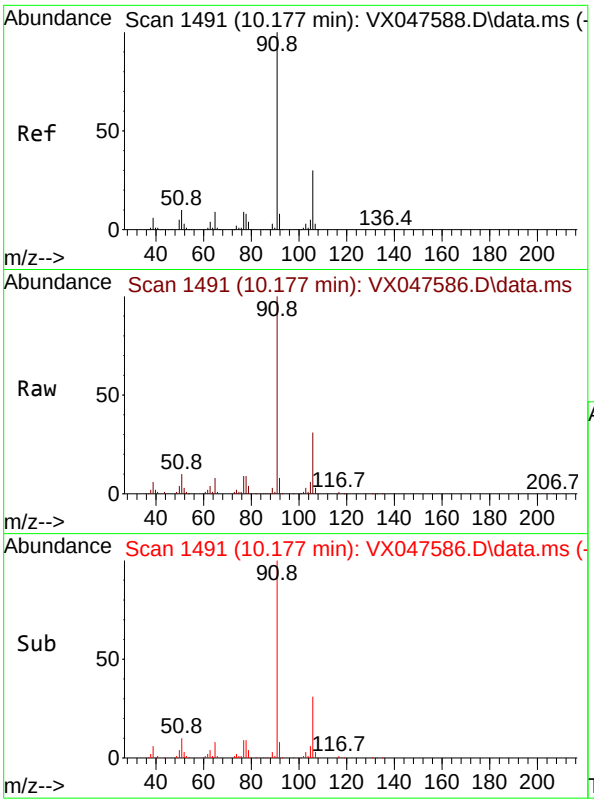


#66
1,1,1,2-Tetrachloroethane
Concen: 5.149 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:131 Resp: 12807

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.3	142.0
119	63.5	32.0	96.0

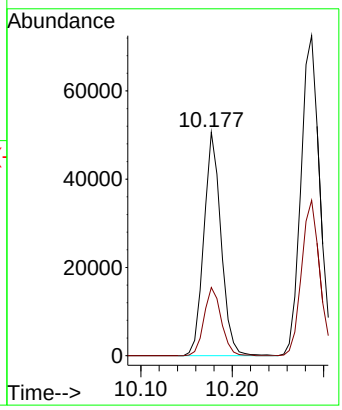




#67
Ethyl Benzene
Concen: 5.299 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 6590

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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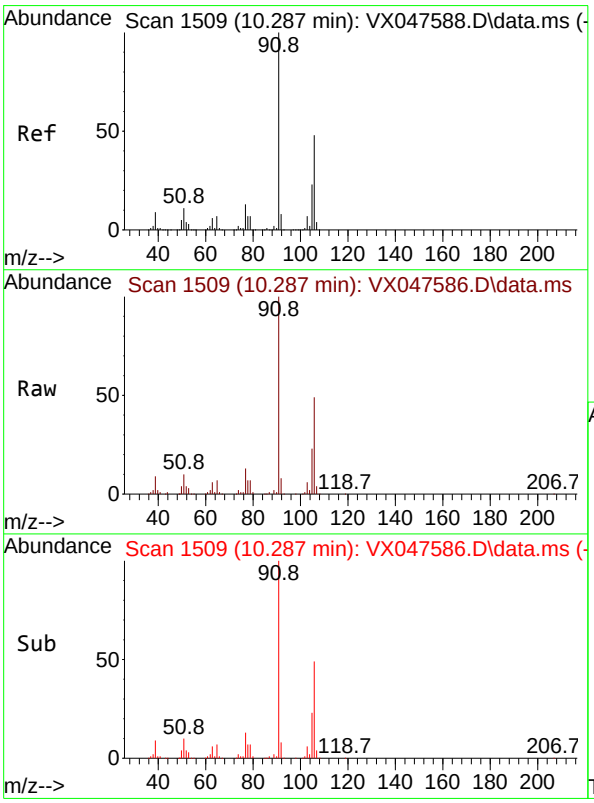
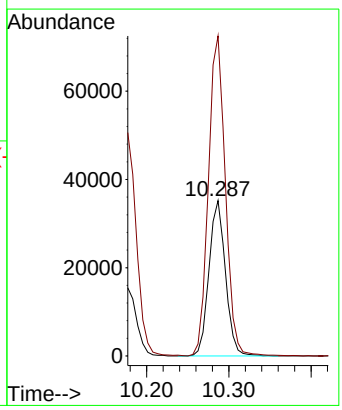
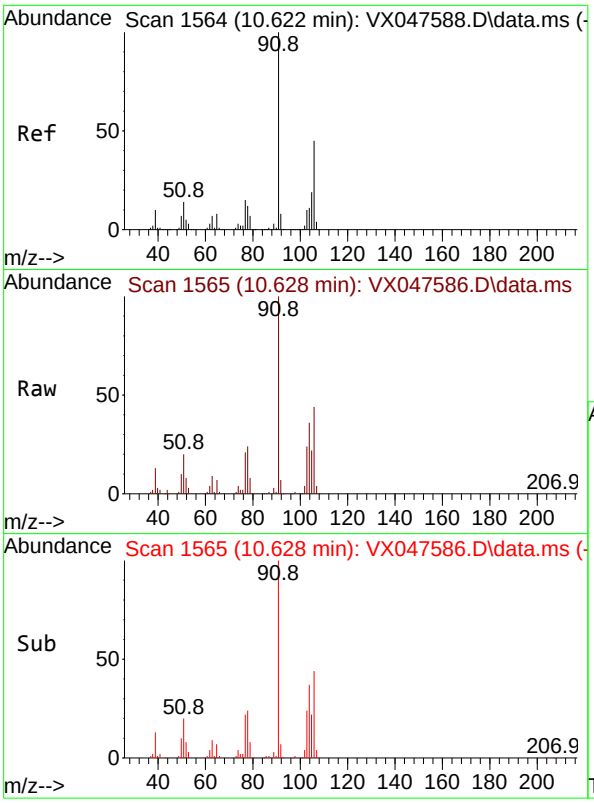


#68
m/p-Xylenes
Concen: 10.613 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:106 Resp: 49132

Ion	Ratio	Lower	Upper
106	100		
91	211.6	167.8	251.8





#69
o-Xylene
Concen: 5.204 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:106 Resp: 2330

Ion	Ratio	Lower	Upper
106	100		
91	226.3	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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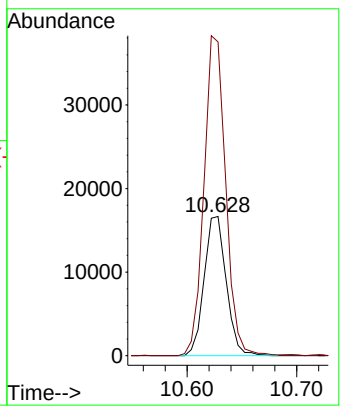
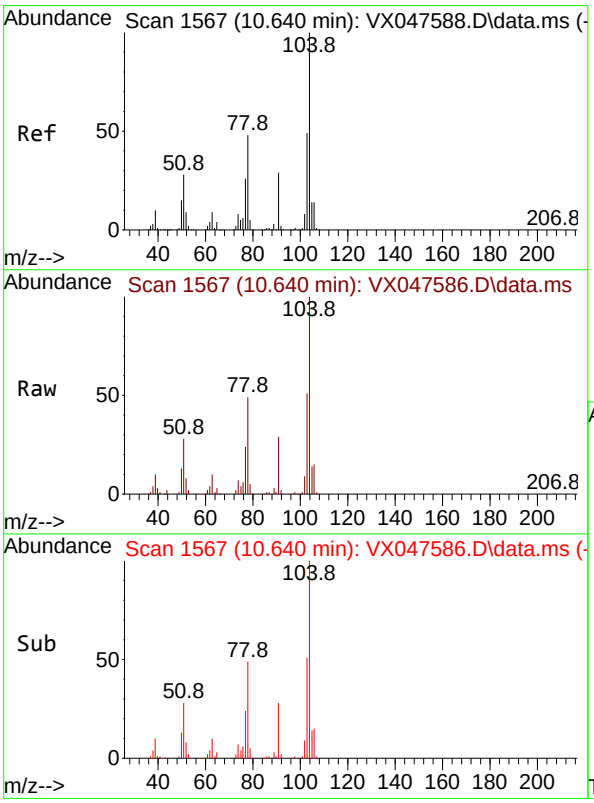
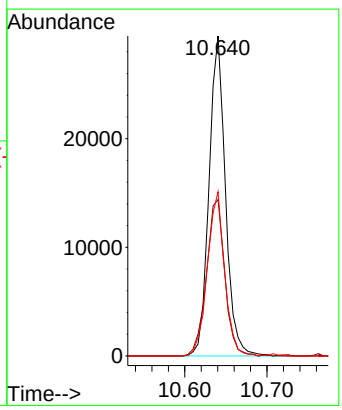


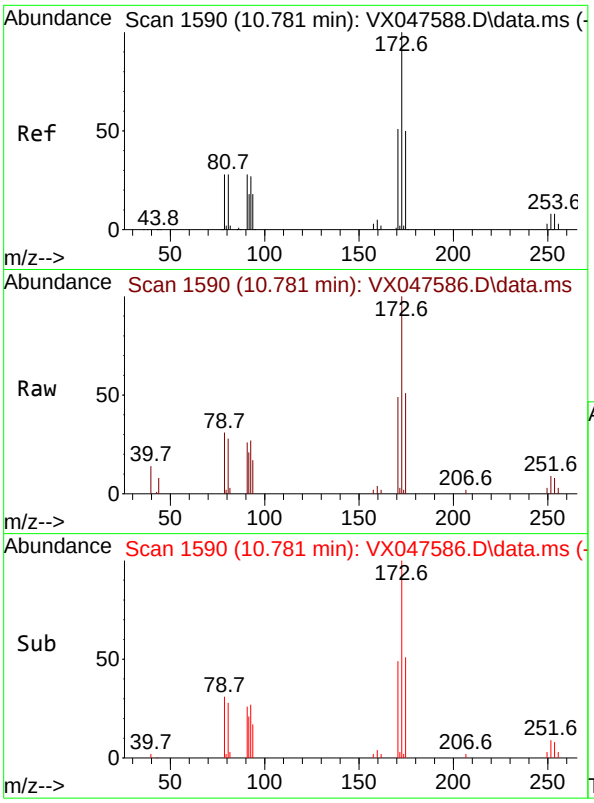


#70
Styrene
Concen: 5.210 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:104 Resp: 40872

Ion	Ratio	Lower	Upper
104	100		
78	54.8	43.1	64.7
103	53.7	43.1	64.7

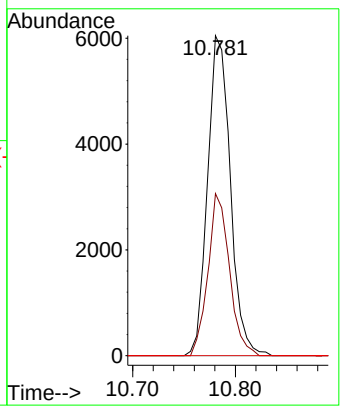




#71
Bromoform
Concen: 5.006 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:173 Resp: 929

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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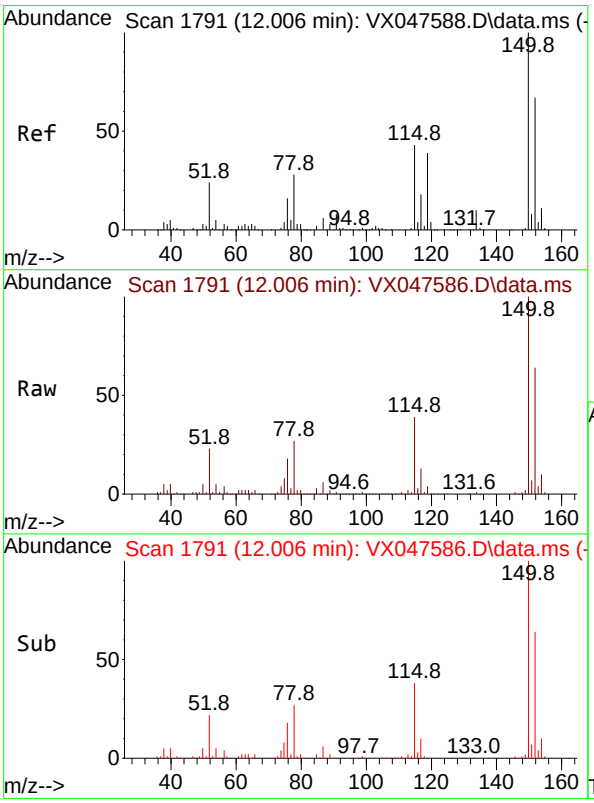
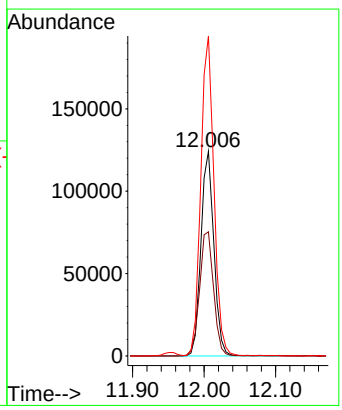
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

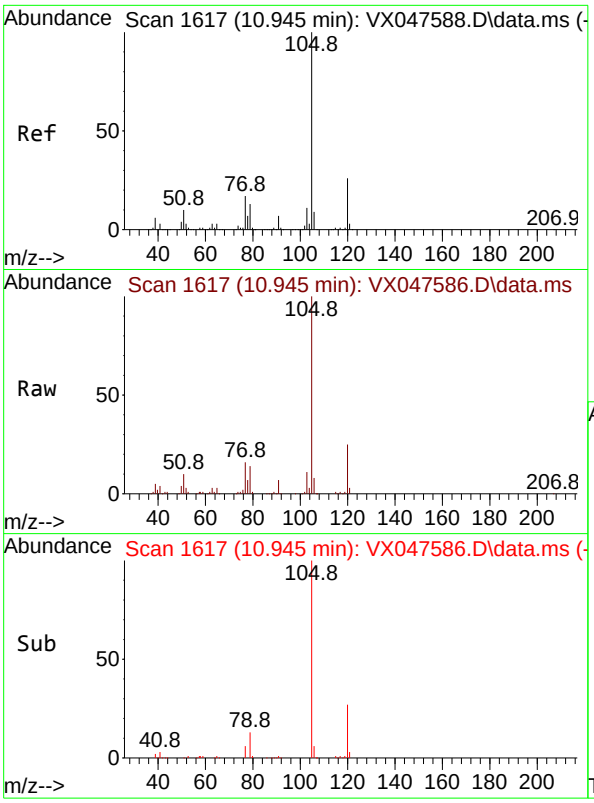


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:152 Resp: 156219

Ion	Ratio	Lower	Upper
152	100		
115	65.6	44.9	134.5
150	157.8	0.0	352.0

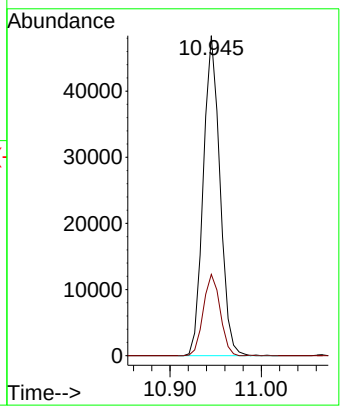




#73
Isopropylbenzene
Concen: 5.139 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 6102

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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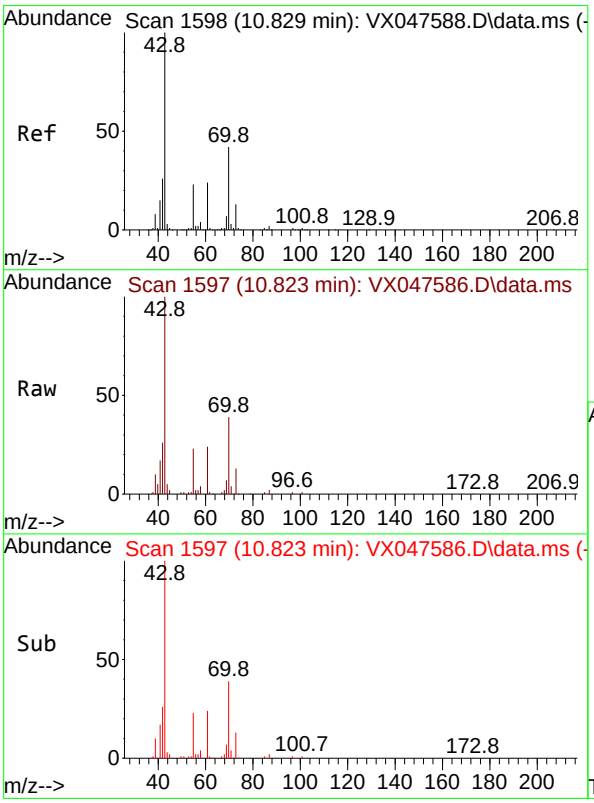
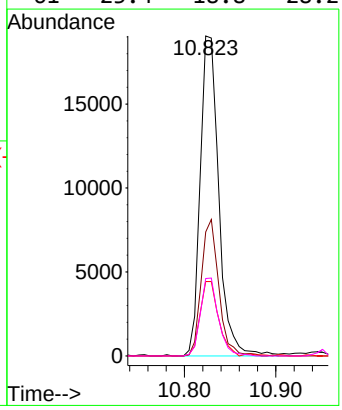
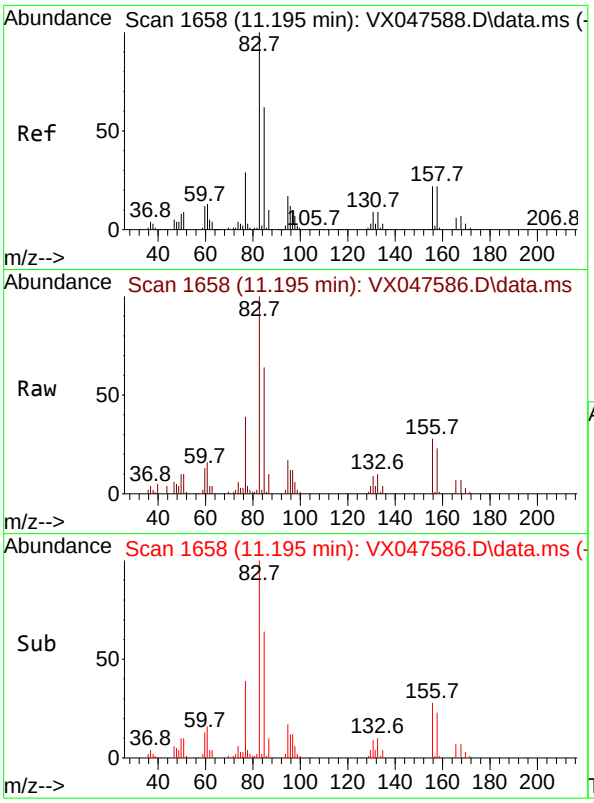


#74
N-amyl acetate
Concen: 4.980 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 26969

Ion	Ratio	Lower	Upper
43	100		
70	39.9	32.0	48.0
55	23.1	18.9	28.3
61	23.4	18.8	28.2

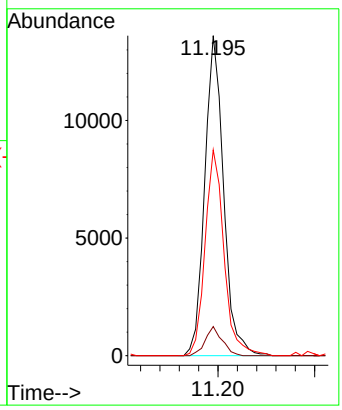




#75
1,1,2,2-Tetrachloroethane
Concen: 5.138 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 1846

Ion	Ratio	Lower	Upper
83	100		
131	8.2	5.0	14.9
85	64.4	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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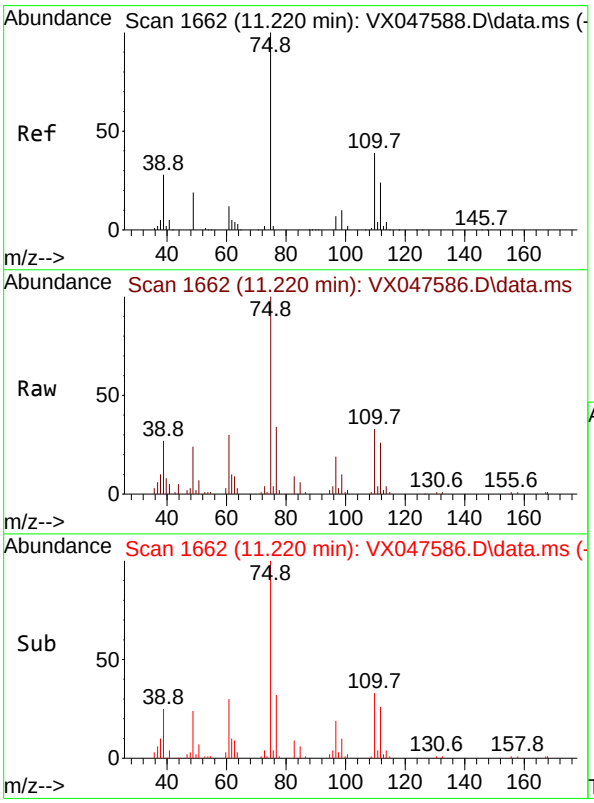
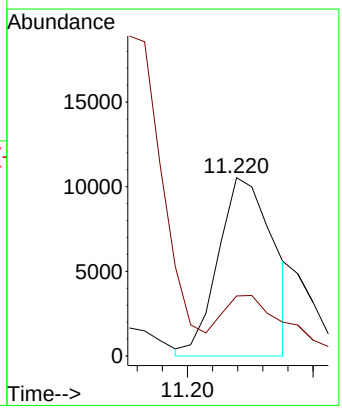
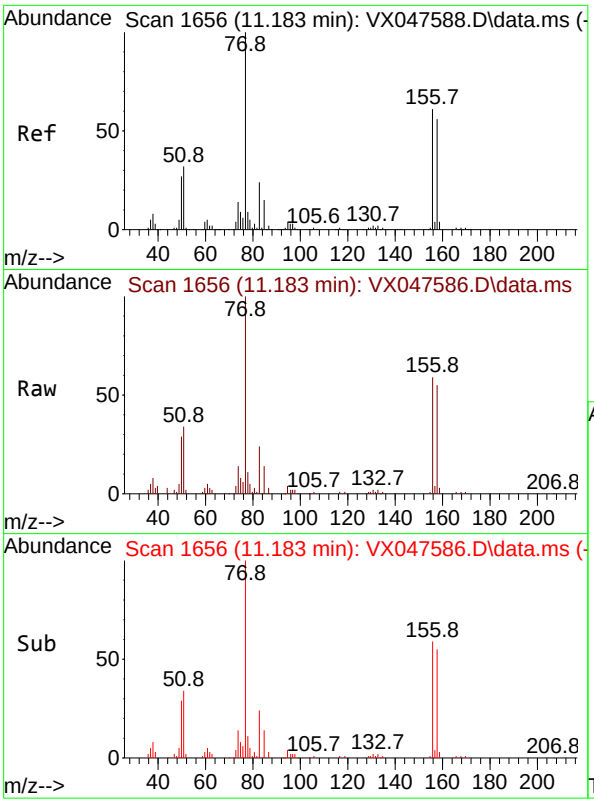


#76
1,2,3-Trichloropropane
Concen: 4.927 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 15982

Ion	Ratio	Lower	Upper
75	100		
77	40.6	18.8	56.4





#77
Bromobenzene
Concen: 5.150 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:156 Resp: 1506

Ion	Ratio	Lower	Upper
156	100		
77	180.3	89.7	269.1
158	92.6	47.9	143.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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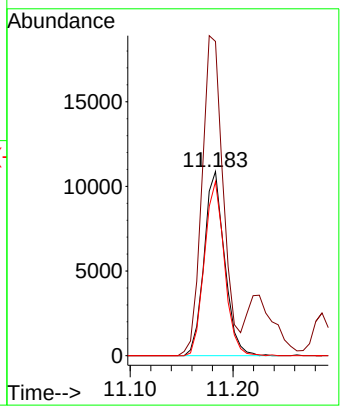
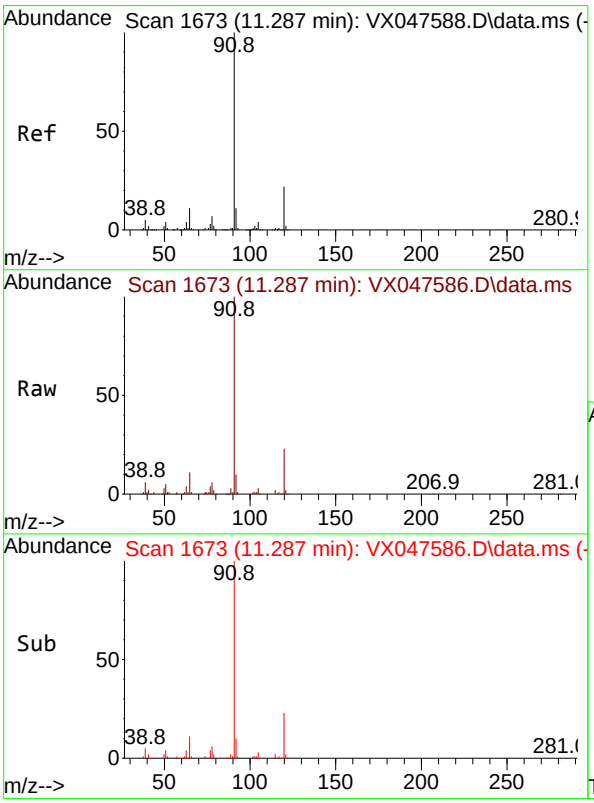
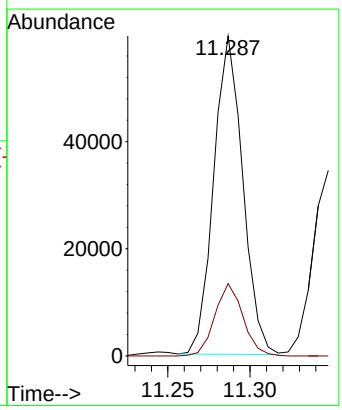


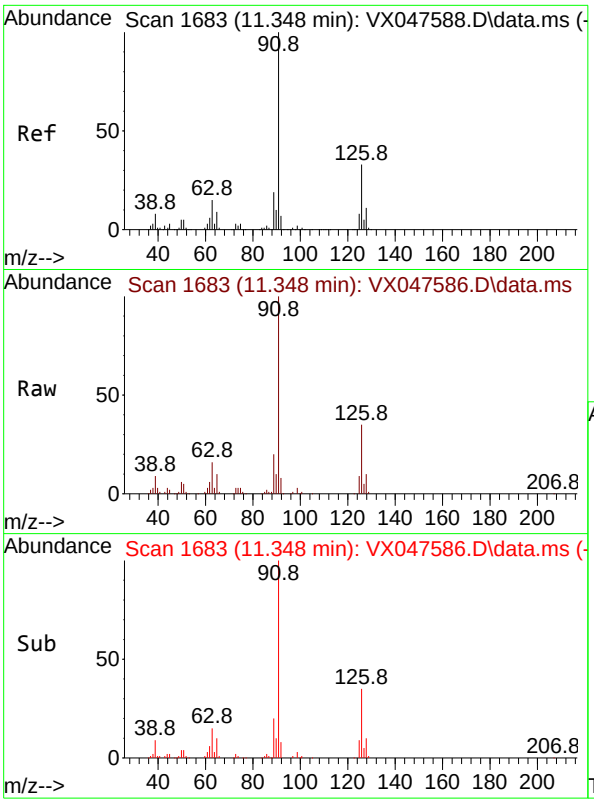


#78
n-propylbenzene
Concen: 5.192 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 72900

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1

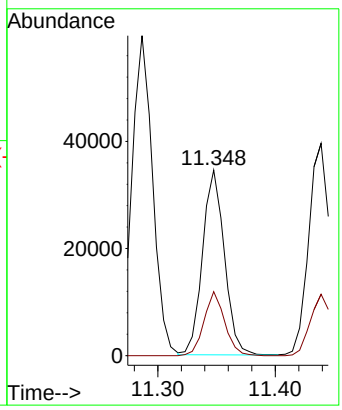




#79
2-Chlorotoluene
Concen: 5.194 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 4466

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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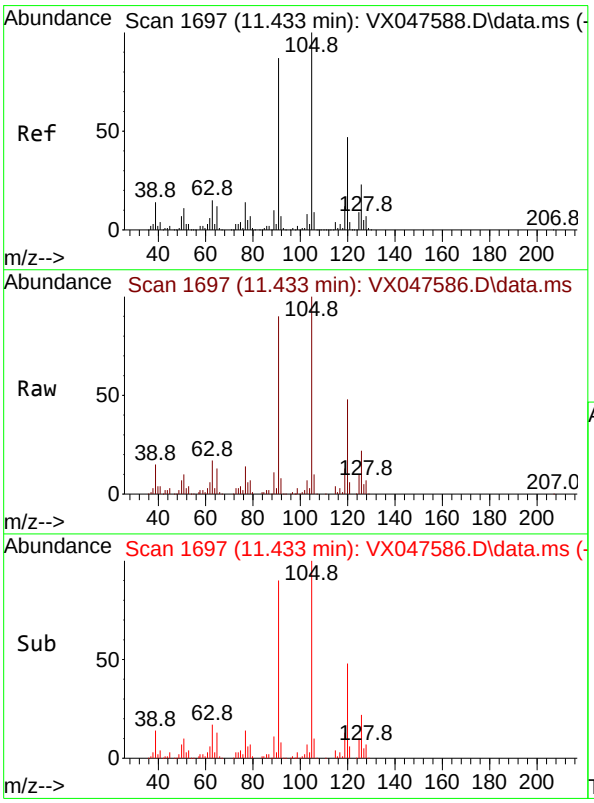
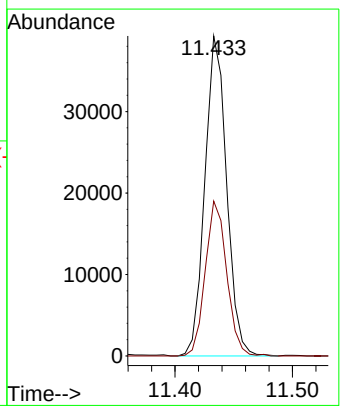
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

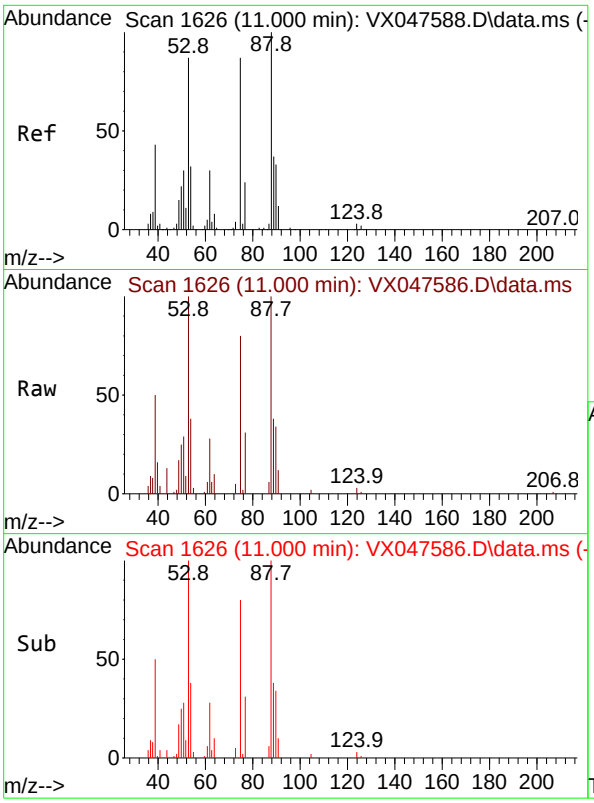


#80
1,3,5-Trimethylbenzene
Concen: 5.179 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 50535

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.6	70.8

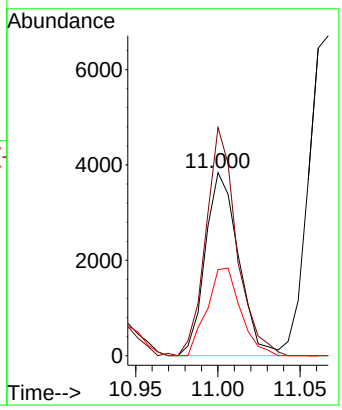




#81
trans-1,4-Dichloro-2-butene
Concen: 4.364 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 541

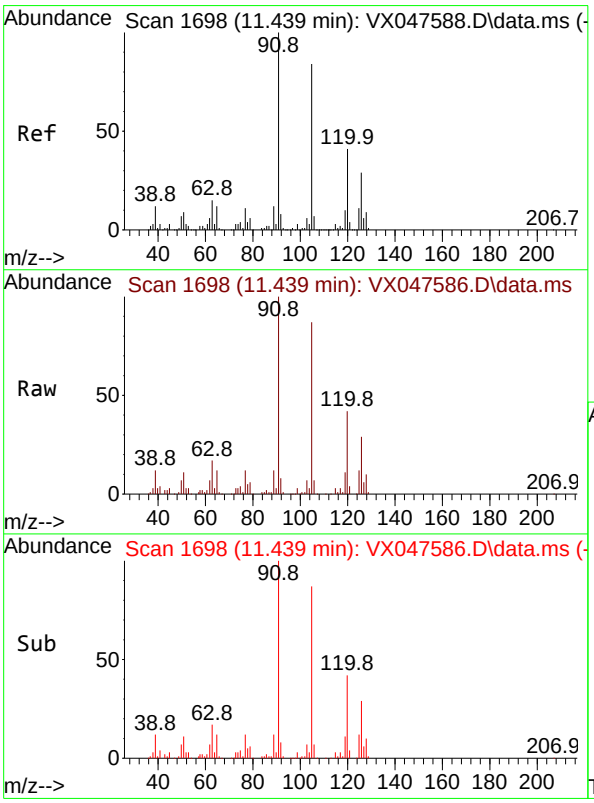
Ion	Ratio	Lower	Upper
75	100		
53	114.9	83.4	125.2
89	48.3	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

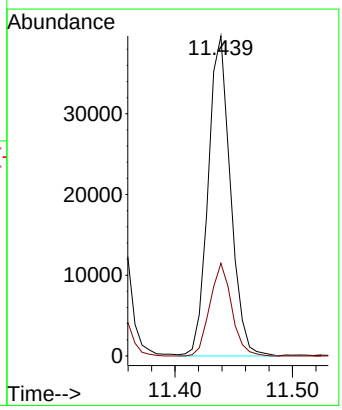
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

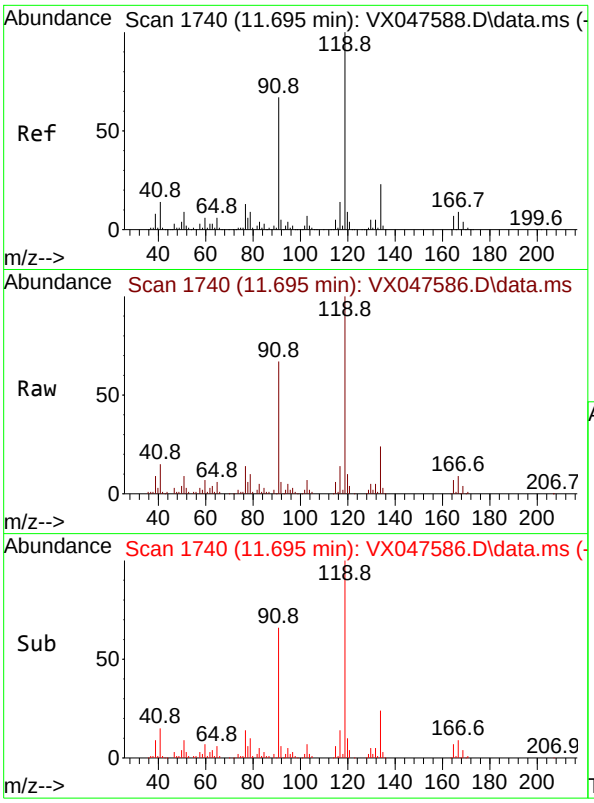


#82
4-Chlorotoluene
Concen: 5.149 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 52294

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.2	42.6

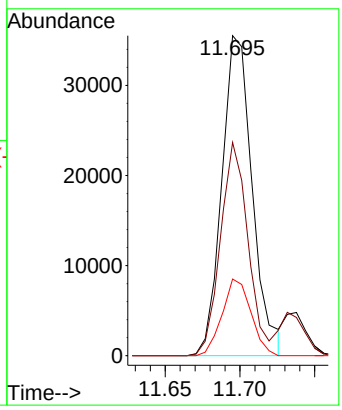




#83
tert-Butylbenzene
Concen: 5.041 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:119 Resp: 5035

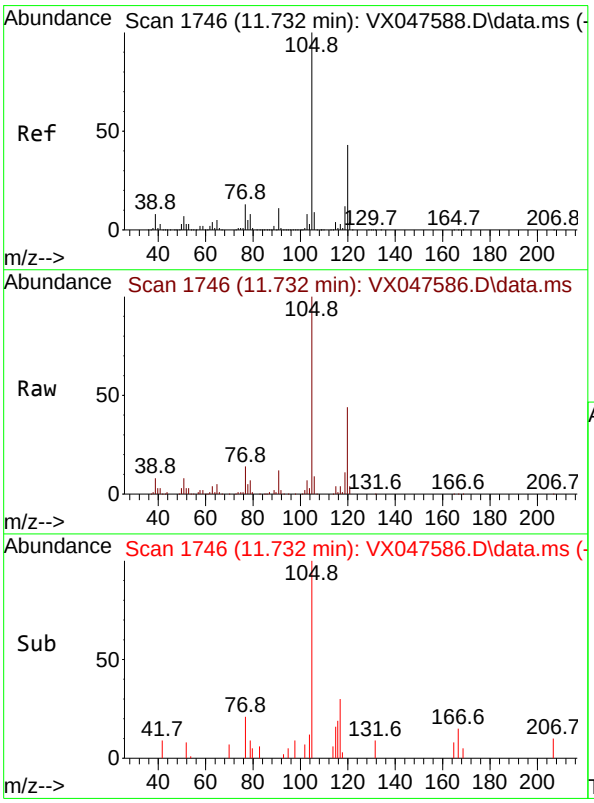
Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.6	88.8
134	22.7	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

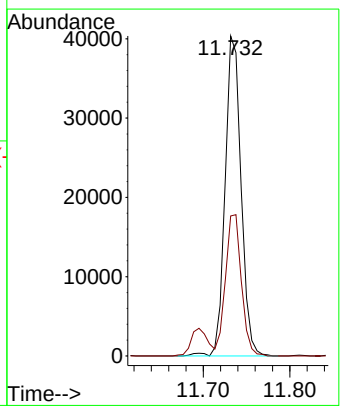
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

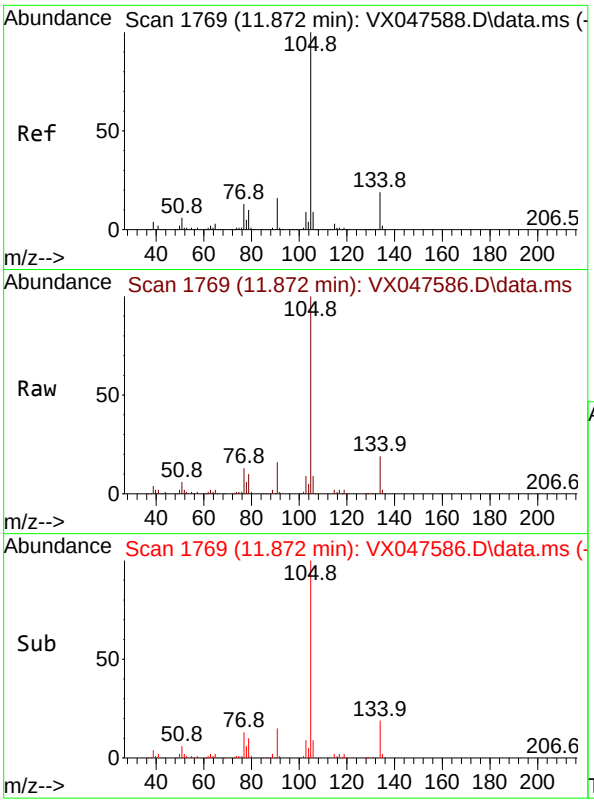


#84
1,2,4-Trimethylbenzene
Concen: 5.214 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 51583

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1

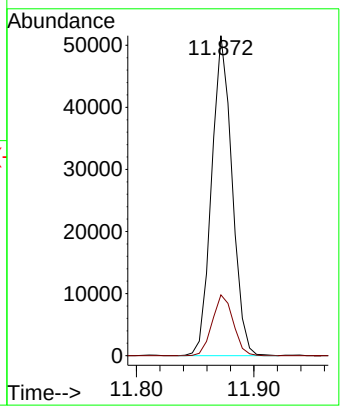




#85
sec-Butylbenzene
Concen: 5.268 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 6250

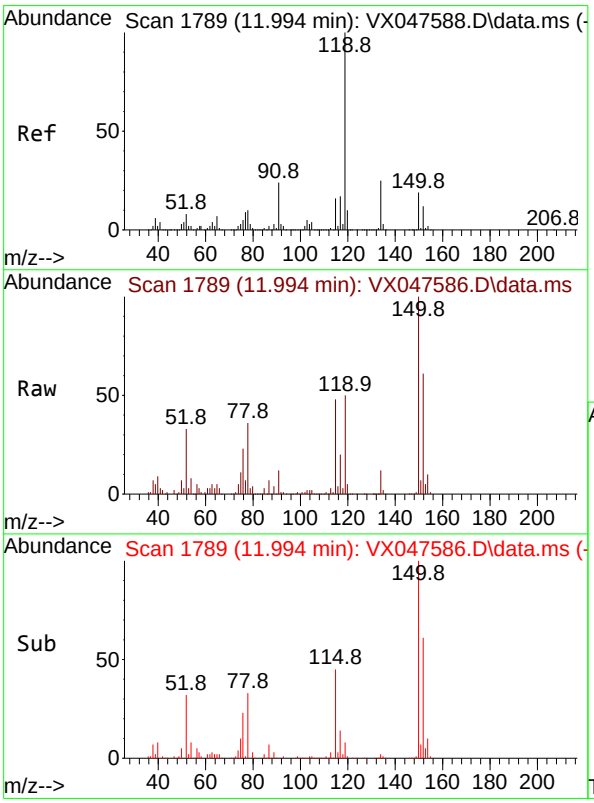
Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

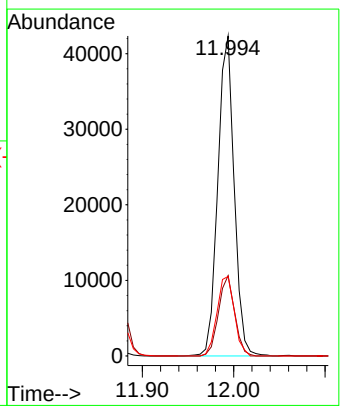
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

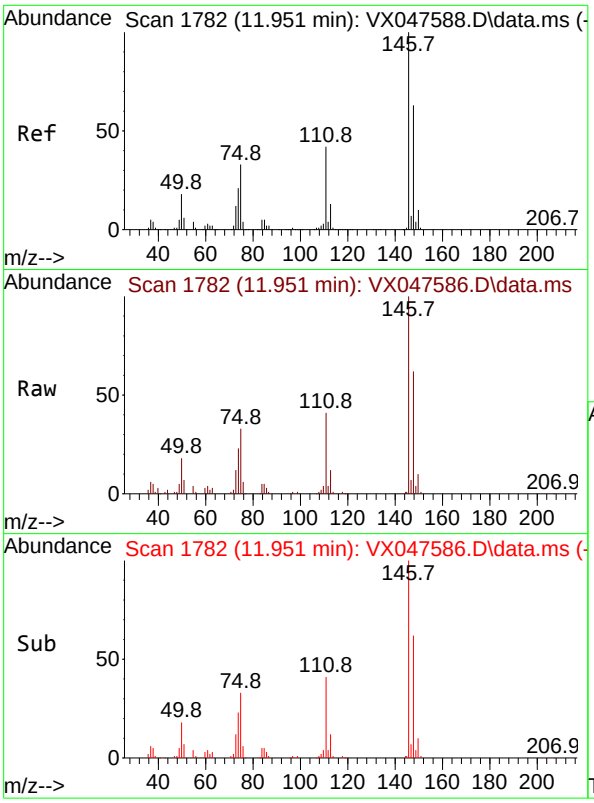


#86
p-Isopropyltoluene
Concen: 5.244 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:119 Resp: 52674

Ion	Ratio	Lower	Upper
119	100		
134	24.7	12.6	37.8
91	26.2	12.6	37.6

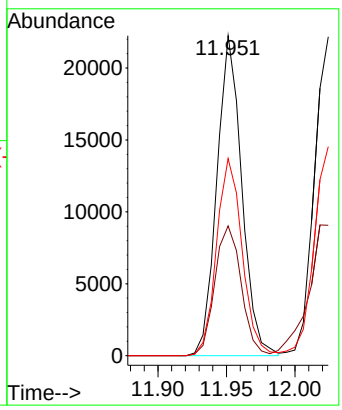




#87
1,3-Dichlorobenzene
Concen: 5.175 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:146 Resp: 2811

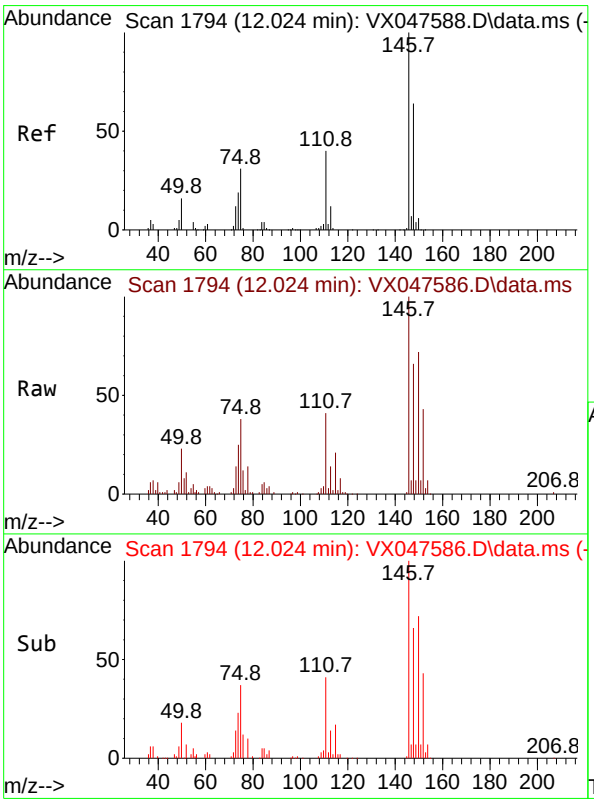
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	63.4	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

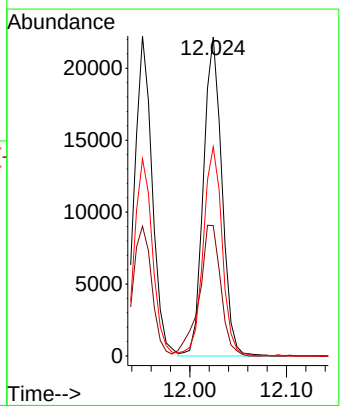
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

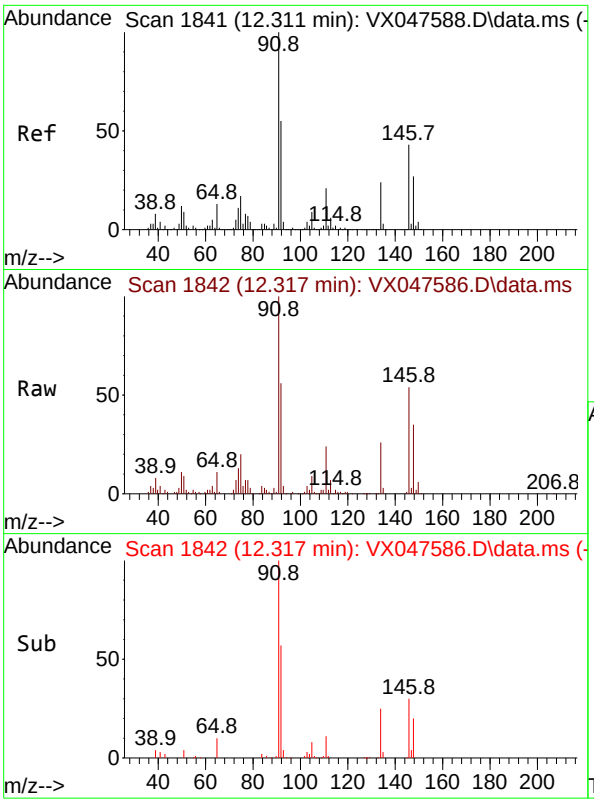


#88
1,4-Dichlorobenzene
Concen: 5.294 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:146 Resp: 29519

Ion	Ratio	Lower	Upper
146	100		
111	47.8	20.8	62.4
148	66.9	31.7	95.1

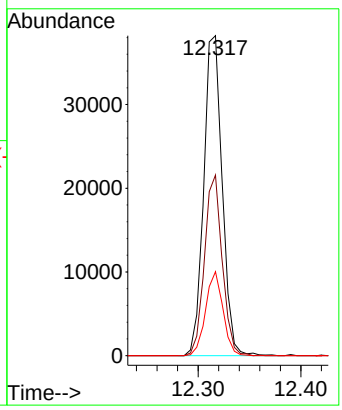




#89
n-Butylbenzene
Concen: 5.159 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 4795

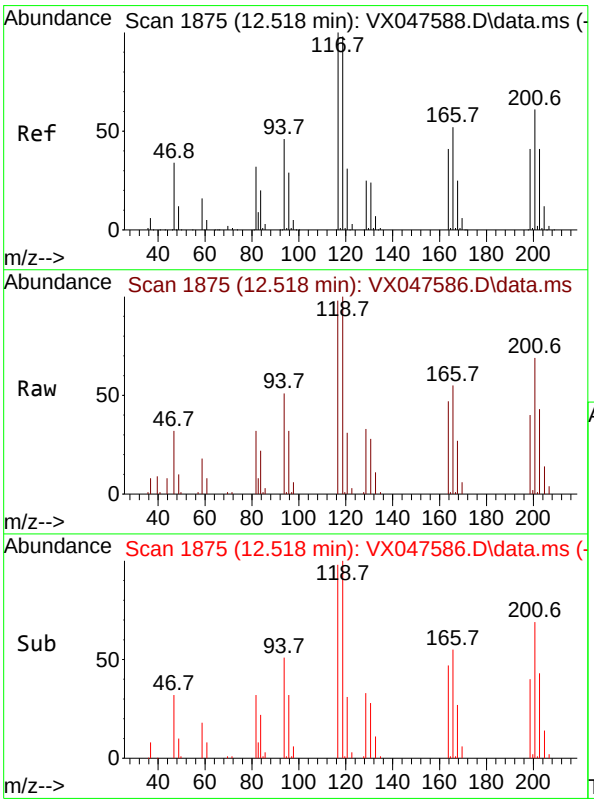
Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.6	82.7
134	24.6	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

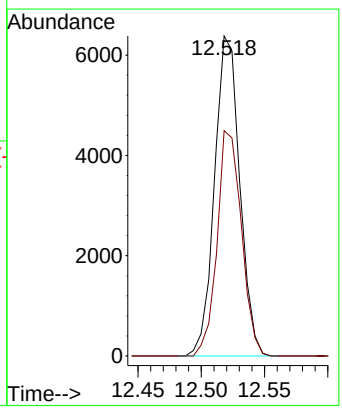
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

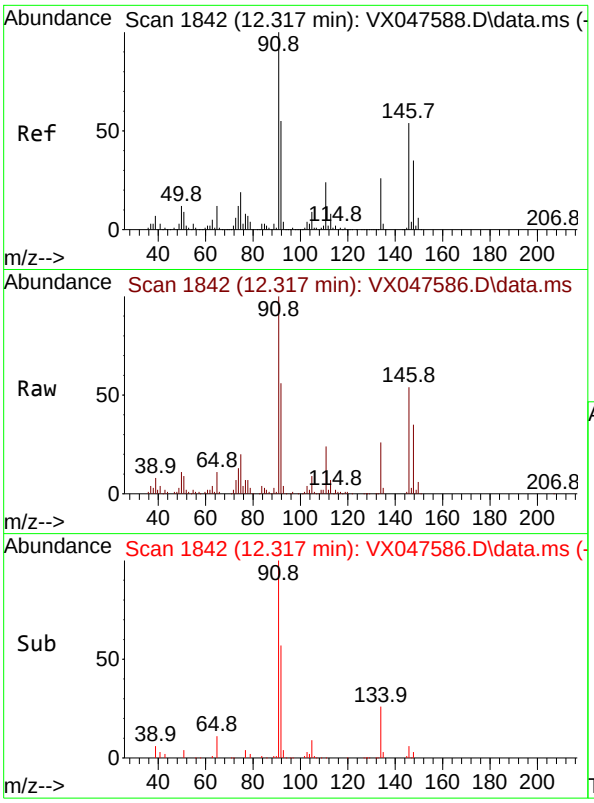


#90
Hexachloroethane
Concen: 5.007 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 8830

Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.2	102.5

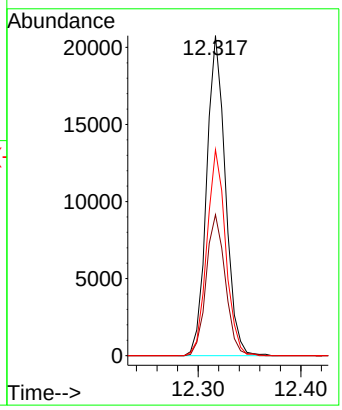




#91
1,2-Dichlorobenzene
Concen: 5.102 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:146 Resp: 2640

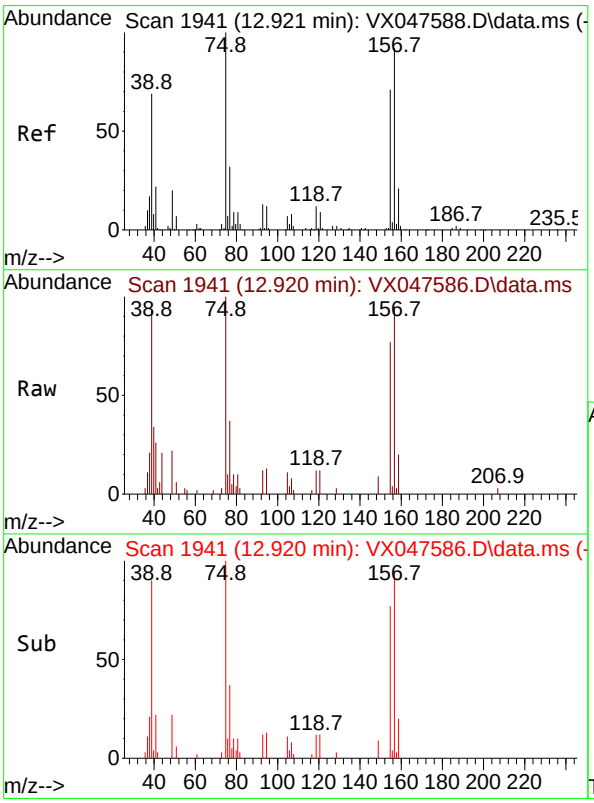
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.2	66.6
148	64.2	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

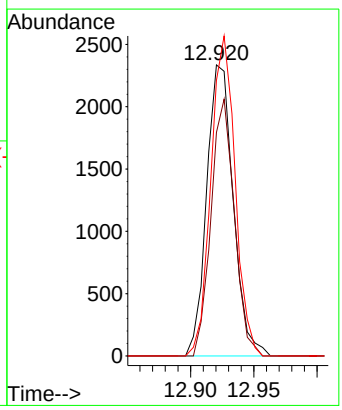
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

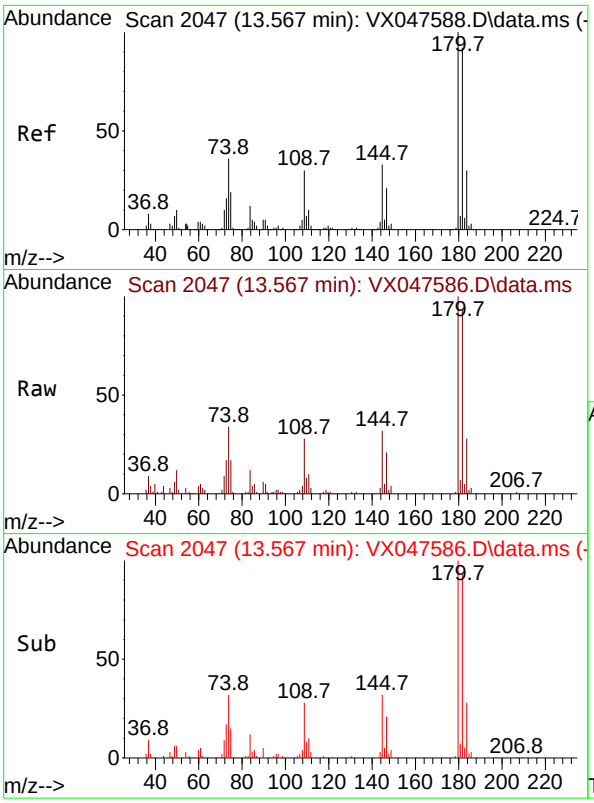


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.690 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 3412

Ion	Ratio	Lower	Upper
75	100		
155	77.4	37.7	113.1
157	100.1	49.8	149.4





#93
1,2,4-Trichlorobenzene
Concen: 5.103 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

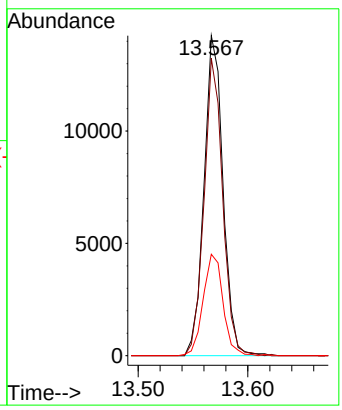
Tgt Ion:180 Resp: 1716

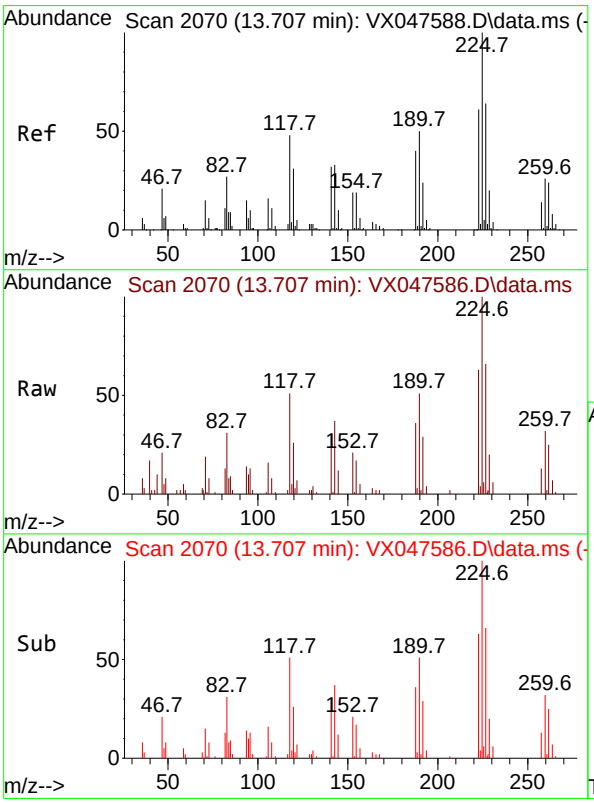
Ion	Ratio	Lower	Upper
180	100		
182	91.2	46.6	139.8
145	33.2	16.4	49.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

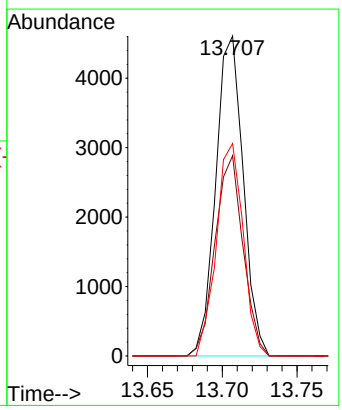


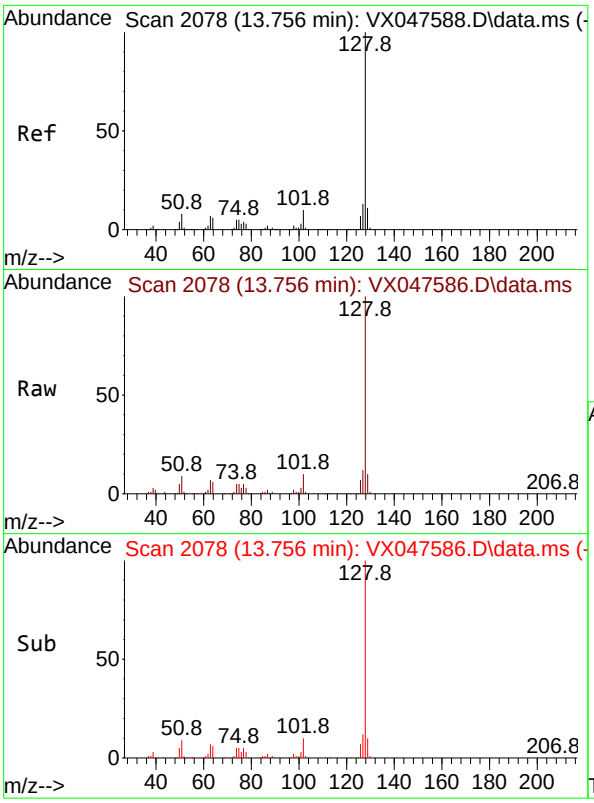


#94
Hexachlorobutadiene
Concen: 5.158 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:225 Resp: 5894

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.7	95.1
227	64.7	32.0	96.0

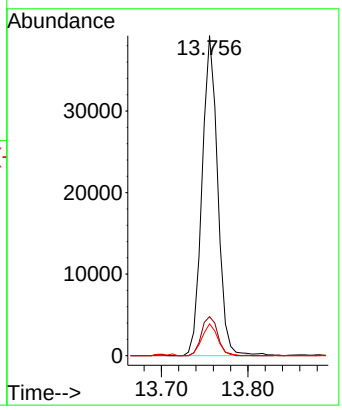




#95
Naphthalene
Concen: 4.808 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:128 Resp: 4925

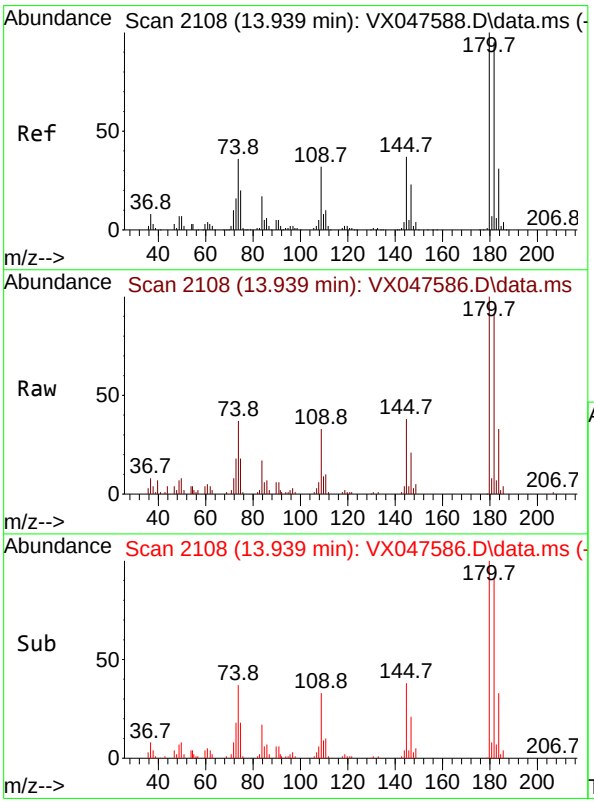
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.1	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

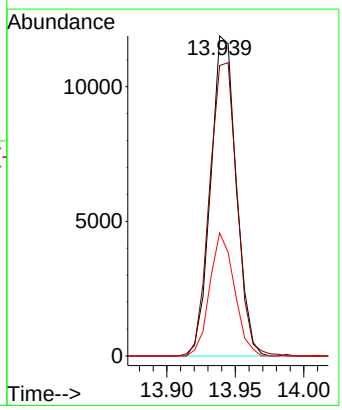
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.921 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:180 Resp: 15400

Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.6	142.8
145	37.1	17.9	53.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	189559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	336287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	298629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	49073	16.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	32.520%#		
35) Dibromofluoromethane	5.379	113	35788	15.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	31.740%#		
50) Toluene-d8	8.634	98	126875	16.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	32.520%#		
62) 4-Bromofluorobenzene	11.067	95	48454	16.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	32.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	44126	22.480	ug/l	100
3) Chloromethane	1.300	50	56023	21.716	ug/l	96
4) Vinyl Chloride	1.386	62	54256	21.485	ug/l	96
5) Bromomethane	1.617	94	34193	21.353	ug/l	100
6) Chloroethane	1.697	64	35551	21.063	ug/l	97
7) Trichlorofluoromethane	1.898	101	78667	20.980	ug/l	100
8) Diethyl Ether	2.136	74	31335	20.429	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	45733	20.859	ug/l	98
10) Methyl Iodide	2.459	142	69935	20.452	ug/l	99
11) Tert butyl alcohol	2.946	59	32456	96.582	ug/l	98
12) 1,1-Dichloroethene	2.325	96	46863	20.808	ug/l	96
13) Acrolein	2.239	56	26159	84.473	ug/l	100
14) Allyl chloride	2.666	41	94710	20.379	ug/l	97
15) Acrylonitrile	3.062	53	130143	104.554	ug/l	99
16) Acetone	2.373	43	151538	115.507	ug/l	100
17) Carbon Disulfide	2.520	76	133296	21.620	ug/l	98
18) Methyl Acetate	2.703	43	54120	18.536	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	168426	20.486	ug/l	98
20) Methylene Chloride	2.788	84	57153	20.581	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	50413	20.791	ug/l	94
22) Diisopropyl ether	3.757	45	188598	20.940	ug/l	96
23) Vinyl Acetate	3.715	43	765675	106.218	ug/l	100
24) 1,1-Dichloroethane	3.605	63	98509	20.578	ug/l	99
25) 2-Butanone	4.538	43	179487	109.679	ug/l	94
26) 2,2-Dichloropropane	4.471	77	81413	20.459	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	60865	20.497	ug/l	98
28) Bromochloromethane	4.891	49	34085	16.309	ug/l	100
29) Tetrahydrofuran	4.995	42	102935	104.560	ug/l	97
30) Chloroform	5.080	83	103586	21.413	ug/l	99
31) Cyclohexane	5.464	56	82770	20.759	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	86500	21.081	ug/l	99
36) 1,1-Dichloropropene	5.684	75	68395	20.754	ug/l	99
37) Ethyl Acetate	4.702	43	74499	21.113	ug/l	96
38) Carbon Tetrachloride	5.665	117	74636	20.844	ug/l	95
39) Methylcyclohexane	7.366	83	79499	21.251	ug/l	98
40) Benzene	6.025	78	210711	21.051	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	38525	21.148	ug/l		99
42) 1,2-Dichloroethane	6.074	62	80646	21.175	ug/l		99
43) Isopropyl Acetate	6.324	43	119623	20.670	ug/l		100
44) Trichloroethene	7.110	130	51369	21.228	ug/l		97
45) 1,2-Dichloropropane	7.415	63	53046	20.697	ug/l		97
46) Dibromomethane	7.568	93	38910	20.862	ug/l		99
47) Bromodichloromethane	7.805	83	80831	21.002	ug/l		98
48) Methyl methacrylate	7.677	41	60182	20.877	ug/l		98
49) 1,4-Dioxane	7.647	88	12047	413.530	ug/l		95
51) 4-Methyl-2-Pentanone	8.561	43	338370	105.456	ug/l		100
52) Toluene	8.708	92	129193	20.950	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	80972	20.625	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	86648	20.650	ug/l		99
55) 1,1,2-Trichloroethane	9.140	97	49857	20.967	ug/l		98
56) Ethyl methacrylate	9.104	69	79011	21.158	ug/l		99
57) 1,3-Dichloropropane	9.293	76	85511	20.934	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	141395	86.617	ug/l		100
59) 2-Hexanone	9.415	43	250007	108.488	ug/l		99
60) Dibromochloromethane	9.506	129	57994	21.167	ug/l		99
61) 1,2-Dibromoethane	9.598	107	51614	21.310	ug/l		99
64) Tetrachloroethene	9.262	164	40840	20.979	ug/l		95
65) Chlorobenzene	10.061	112	140642	20.731	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	48022	20.513	ug/l		99
67) Ethyl Benzene	10.177	91	244737	20.907	ug/l		98
68) m/p-Xylenes	10.287	106	182778	41.951	ug/l		100
69) o-Xylene	10.628	106	87651	20.799	ug/l		98
70) Styrene	10.640	104	154077	20.866	ug/l		99
71) Bromoform	10.780	173	35922	20.550	ug/l	#	98
73) Isopropylbenzene	10.945	105	225730	20.970	ug/l		99
74) N-amyl acetate	10.829	43	104823	21.354	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	68132	20.920	ug/l		99
76) 1,2,3-Trichloropropane	11.225	75	60797m	20.680	ug/l		
77) Bromobenzene	11.183	156	56161	21.183	ug/l		99
78) n-propylbenzene	11.286	91	268399	21.092	ug/l		100
79) 2-Chlorotoluene	11.347	91	166237	21.329	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	187513	21.202	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	21553	19.173	ug/l		96
82) 4-Chlorotoluene	11.439	91	193122	20.980	ug/l		100
83) tert-Butylbenzene	11.695	119	189484	20.929	ug/l		100
84) 1,2,4-Trimethylbenzene	11.738	105	191477	21.355	ug/l		98
85) sec-Butylbenzene	11.872	105	223434	20.777	ug/l		100
86) p-Isopropyltoluene	11.994	119	190931	20.972	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	103584	21.035	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	105819	20.937	ug/l		99
89) n-Butylbenzene	12.317	91	176373	20.937	ug/l		99
90) Hexachloroethane	12.518	117	32526	20.349	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	99493	21.207	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	13729	20.821	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	62722	20.571	ug/l		96
94) Hexachlorobutadiene	13.707	225	20456	19.751	ug/l		98
95) Naphthalene	13.756	128	193134	20.801	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	58409	20.593	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

ICAL Form

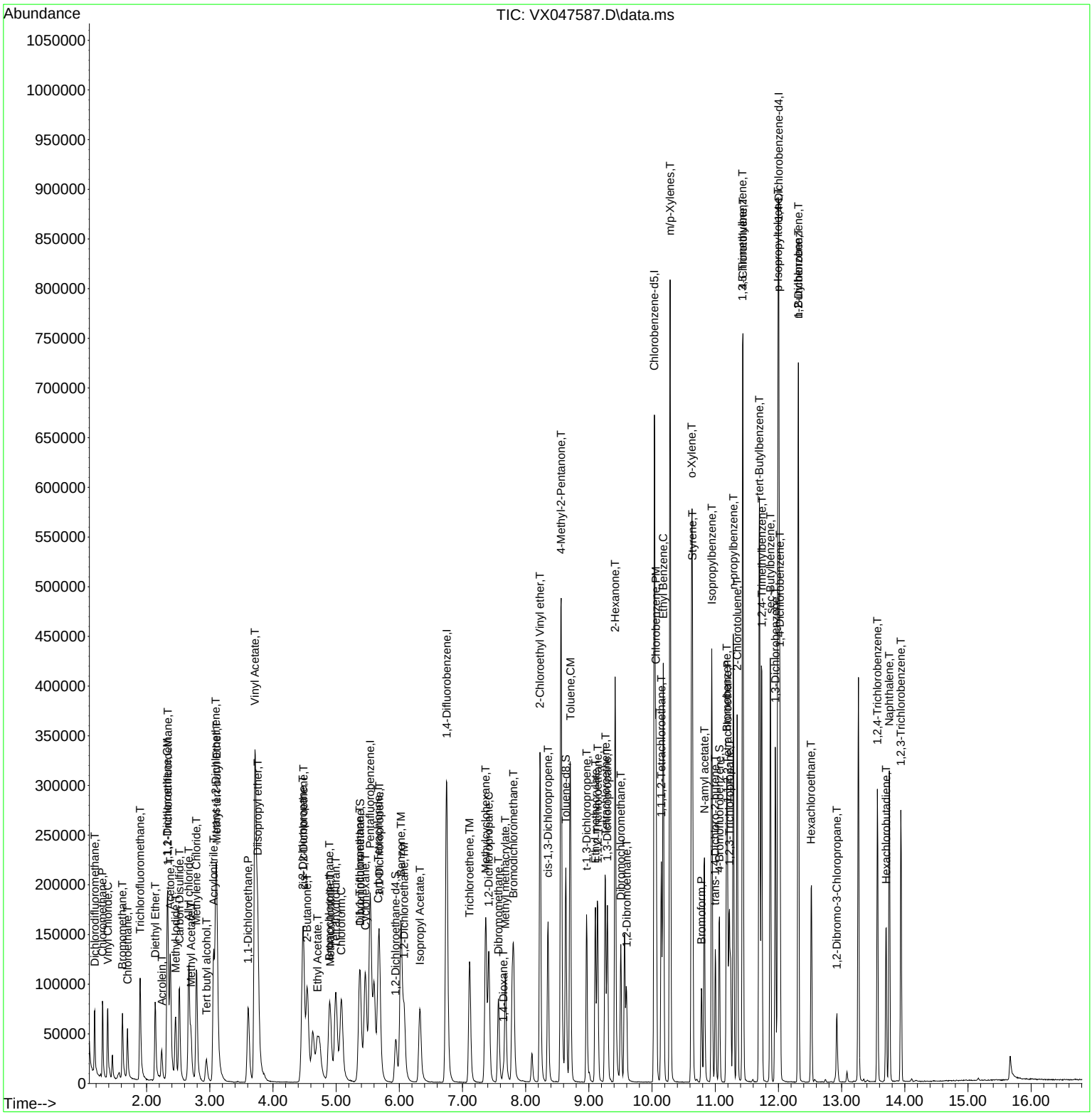
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

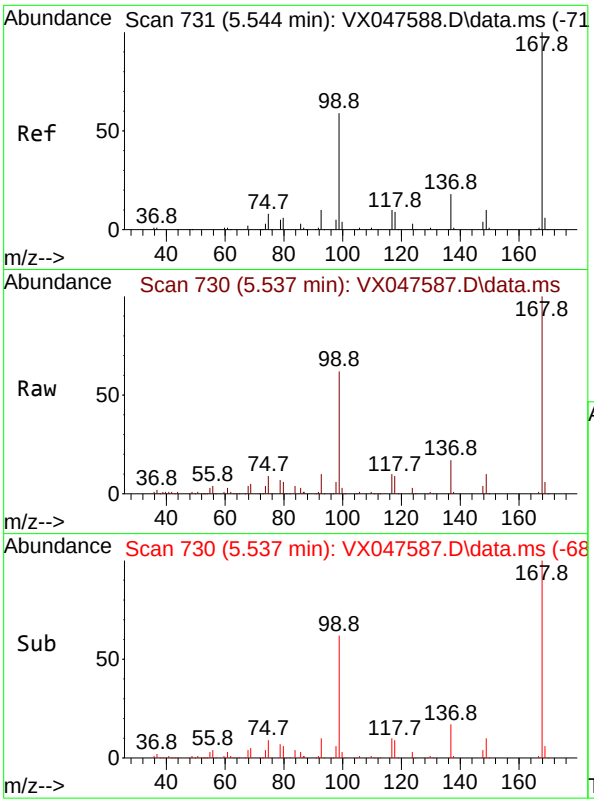
Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

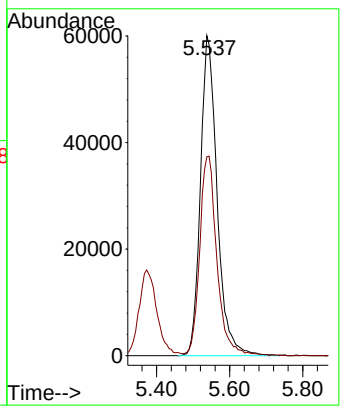




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:168 Resp: 18955

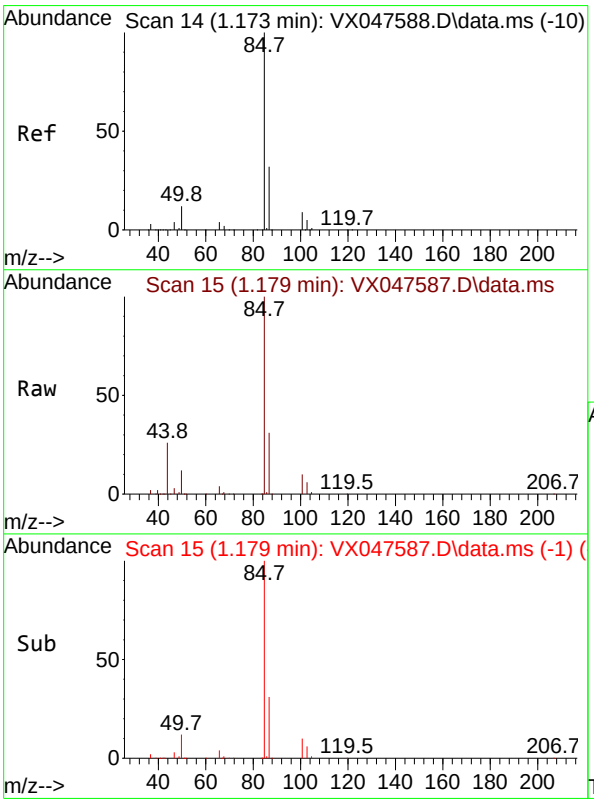
Ion	Ratio	Lower	Upper
168	100		
99	61.9	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

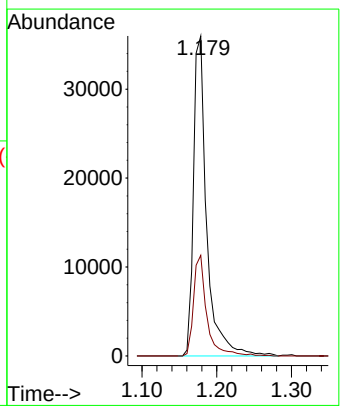
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

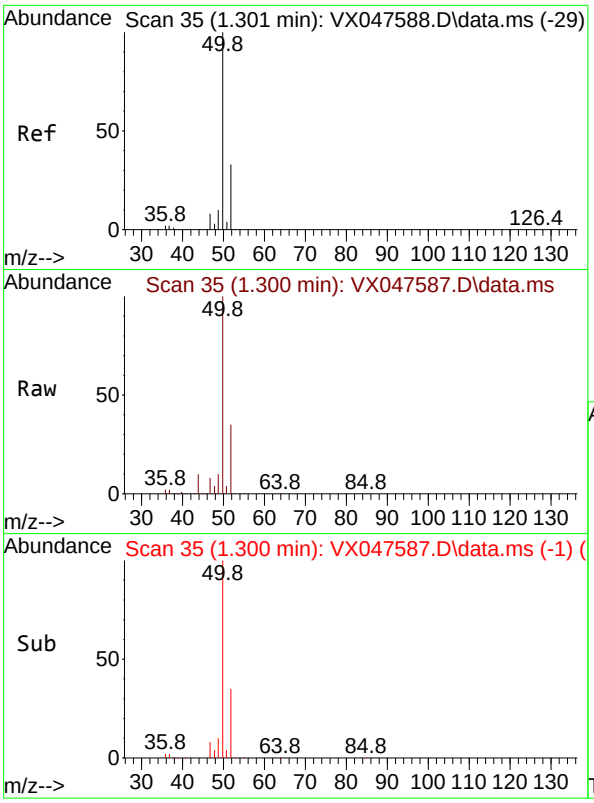


#2
Dichlorodifluoromethane
Concen: 22.480 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 85 Resp: 44126

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3

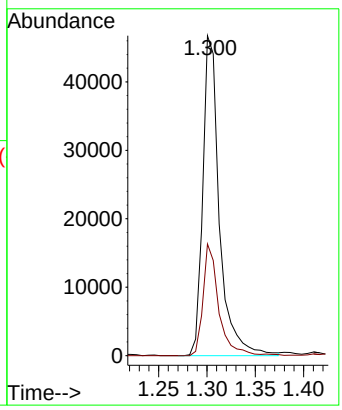




#3
Chloromethane
Concen: 21.716 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 50 Resp: 5602

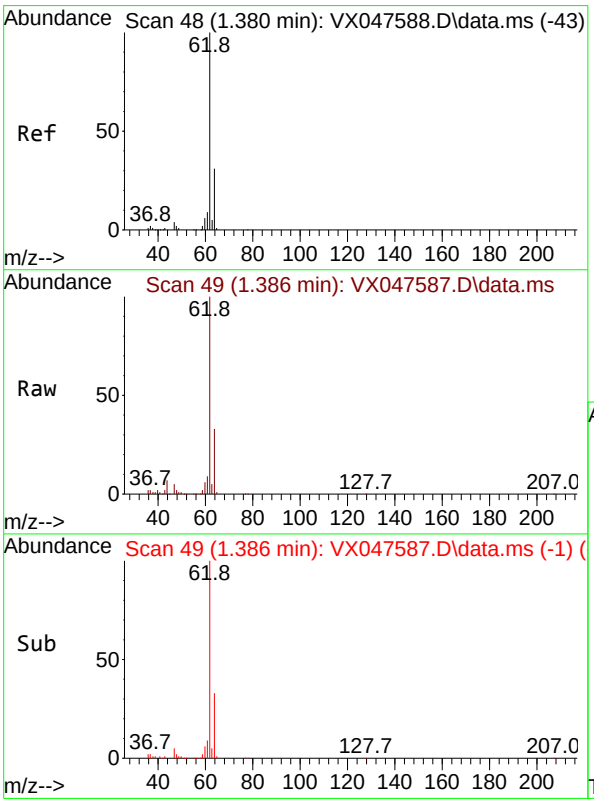
Ion	Ratio	Lower	Upper
50	100		
52	34.9	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

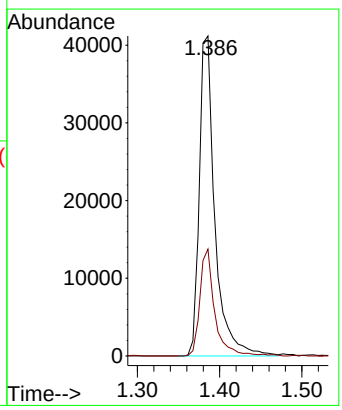
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

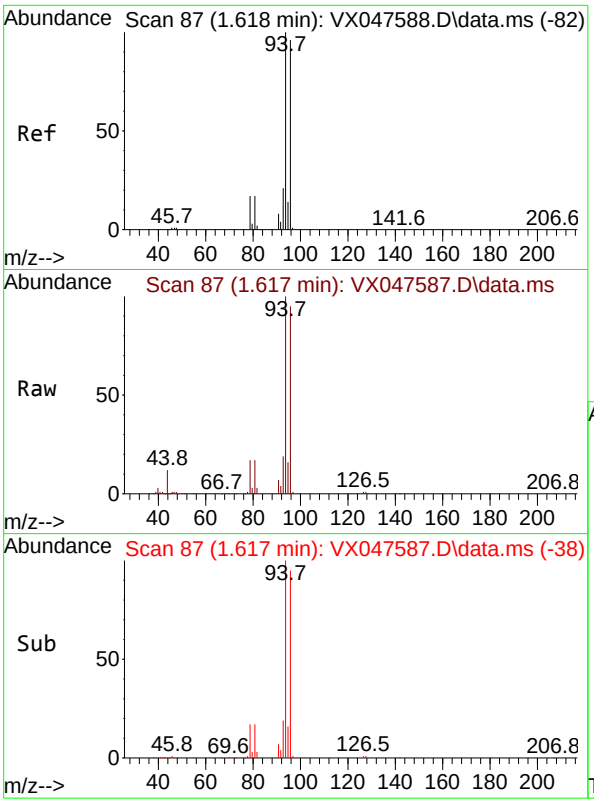


#4
Vinyl Chloride
Concen: 21.485 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 54256

Ion	Ratio	Lower	Upper
62	100		
64	33.4	24.9	37.3

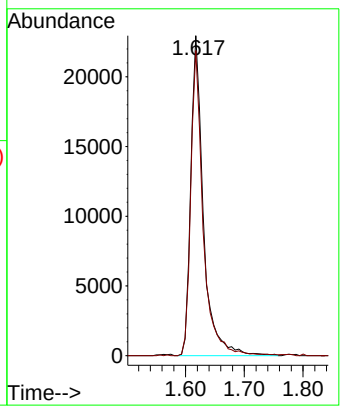




#5
Bromomethane
Concen: 21.353 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 94 Resp: 3419

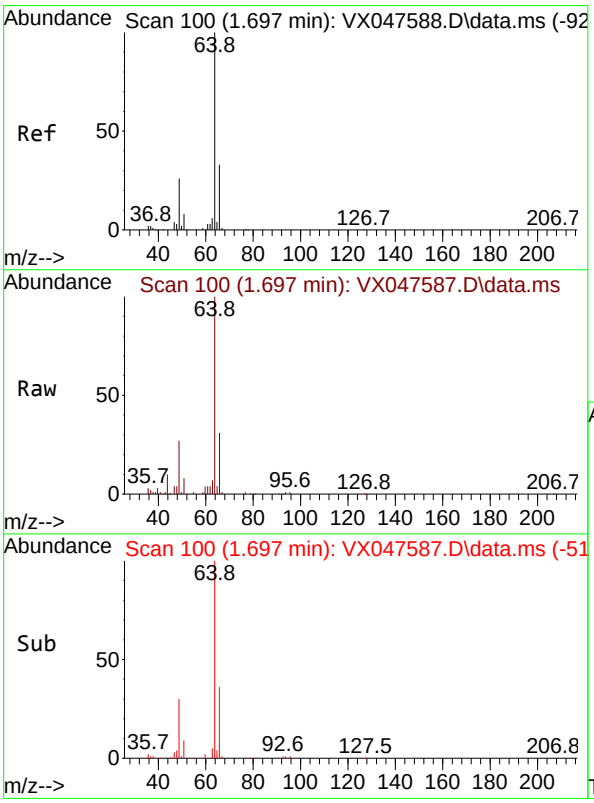
Ion	Ratio	Lower	Upper
94	100		
96	95.3	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

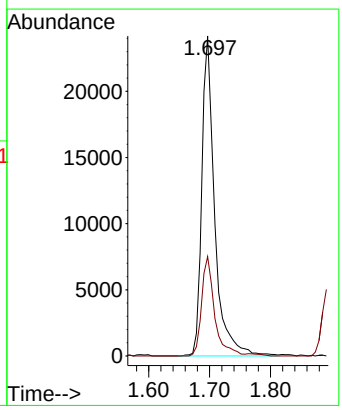
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

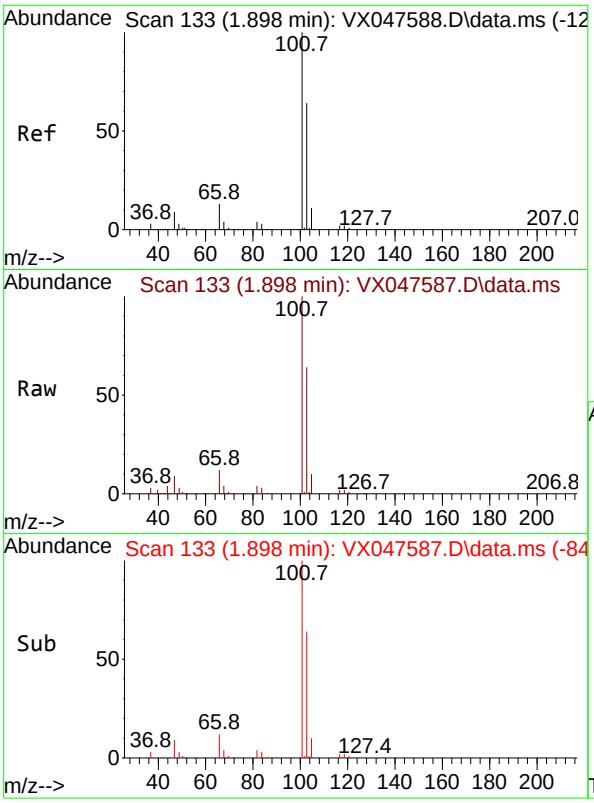


#6
Chloroethane
Concen: 21.063 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 64 Resp: 35551

Ion	Ratio	Lower	Upper
64	100		
66	31.0	26.1	39.1

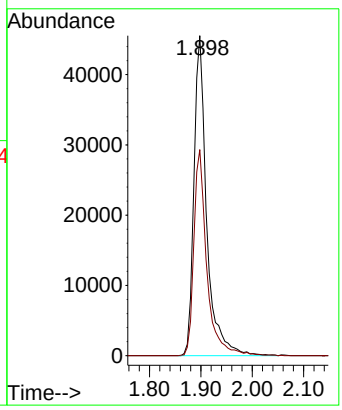




#7
Trichlorofluoromethane
Concen: 20.980 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:101 Resp: 7866

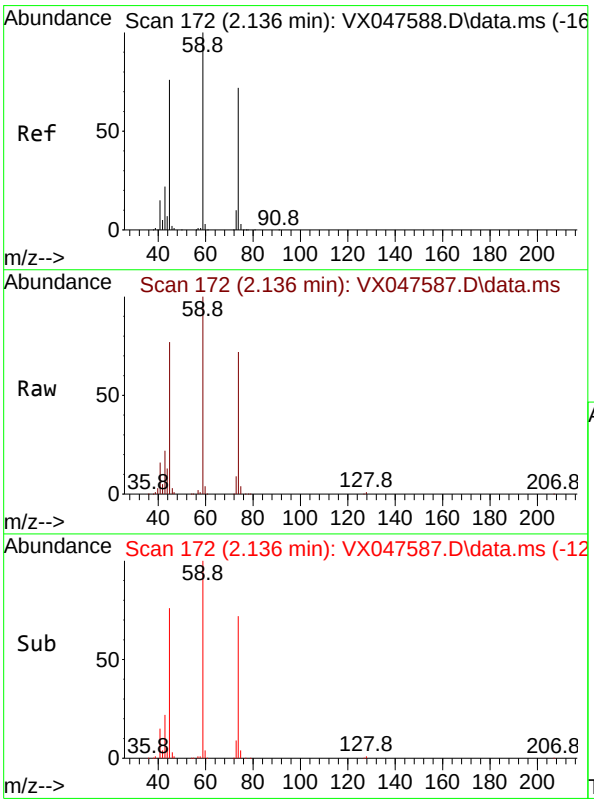
Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

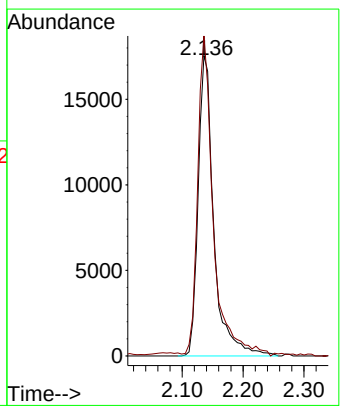
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

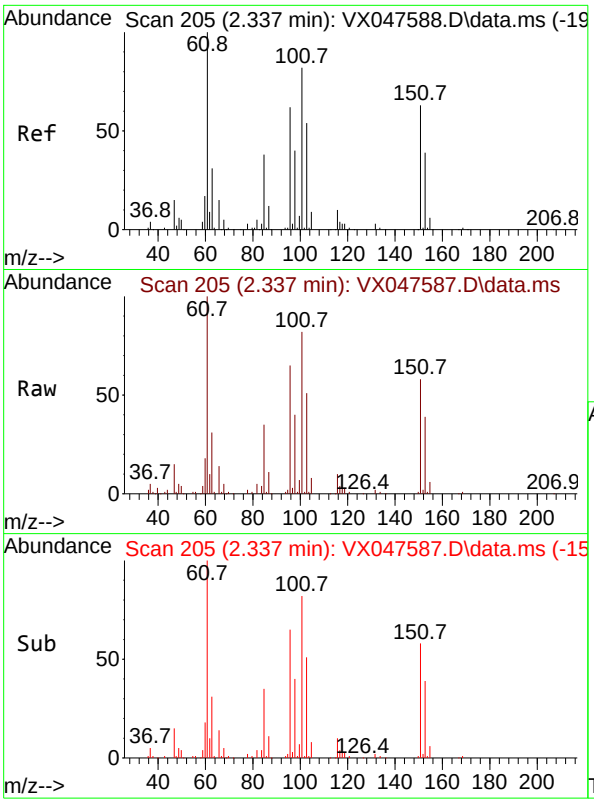


#8
Diethyl Ether
Concen: 20.429 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 74 Resp: 31335

Ion	Ratio	Lower	Upper
74	100		
45	107.0	52.3	156.8

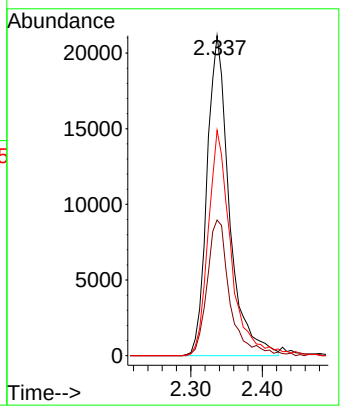




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.859 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:101 Resp: 4573

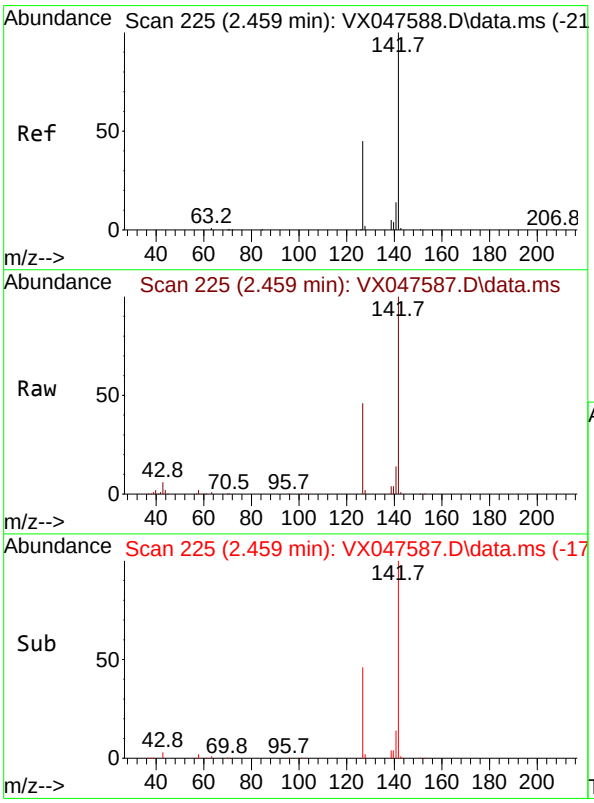
Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.5	53.3
151	72.1	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

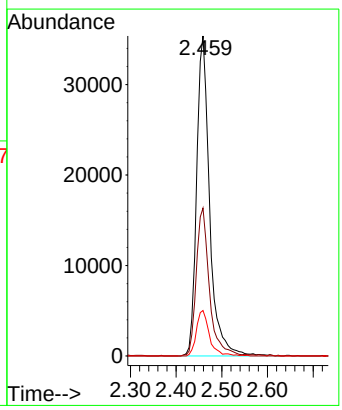
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

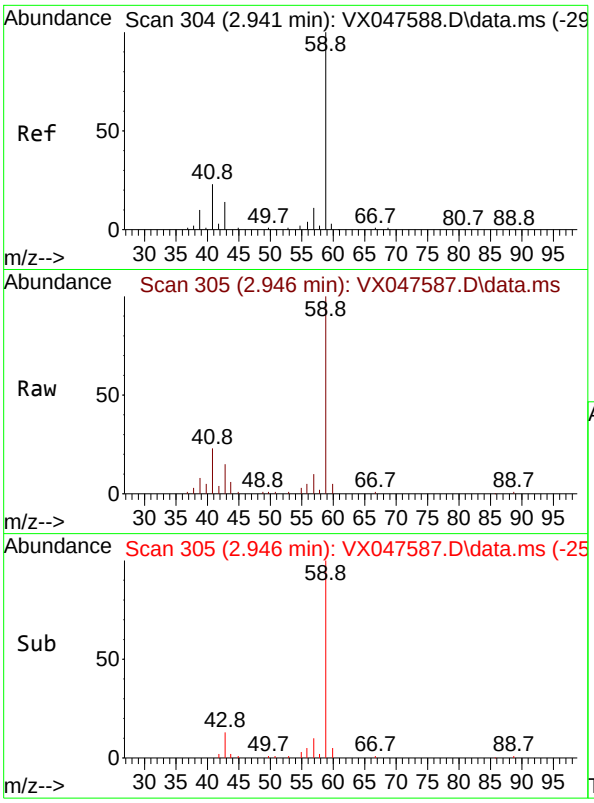


#10
Methyl Iodide
Concen: 20.452 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:142 Resp: 69935

Ion	Ratio	Lower	Upper
142	100		
127	46.9	37.2	55.8
141	14.3	11.4	17.0

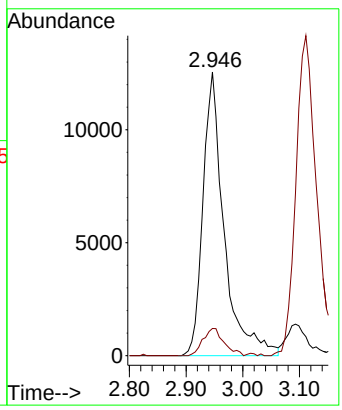




#11
Tert butyl alcohol
Concen: 96.582 ug/l
RT: 2.946 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 59 Resp: 3245

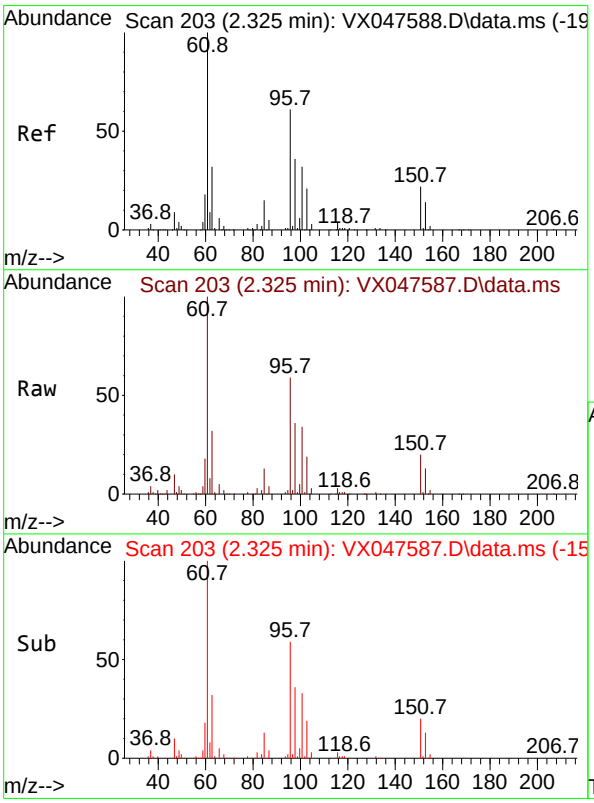
Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

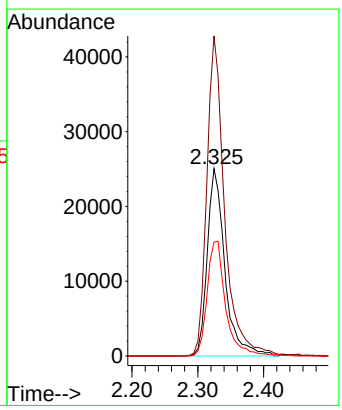
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

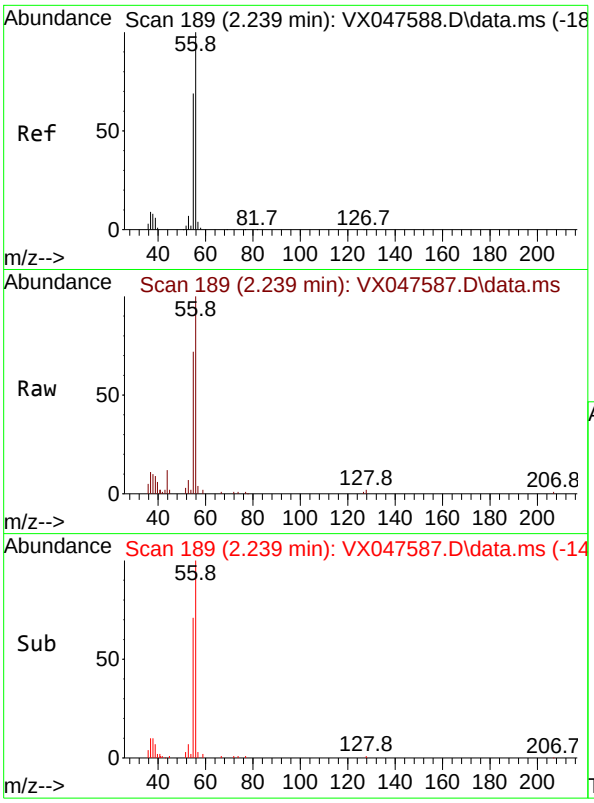


#12
1,1-Dichloroethene
Concen: 20.808 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 96 Resp: 46863

Ion	Ratio	Lower	Upper
96	100		
61	170.7	131.0	196.6
98	60.8	47.7	71.5

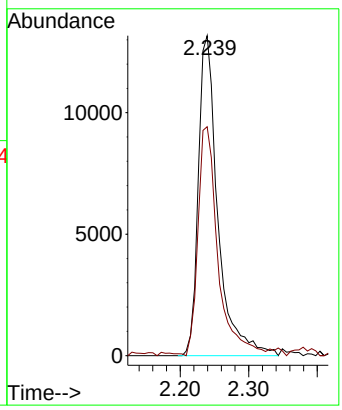




#13
Acrolein
Concen: 84.473 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 56 Resp: 2615

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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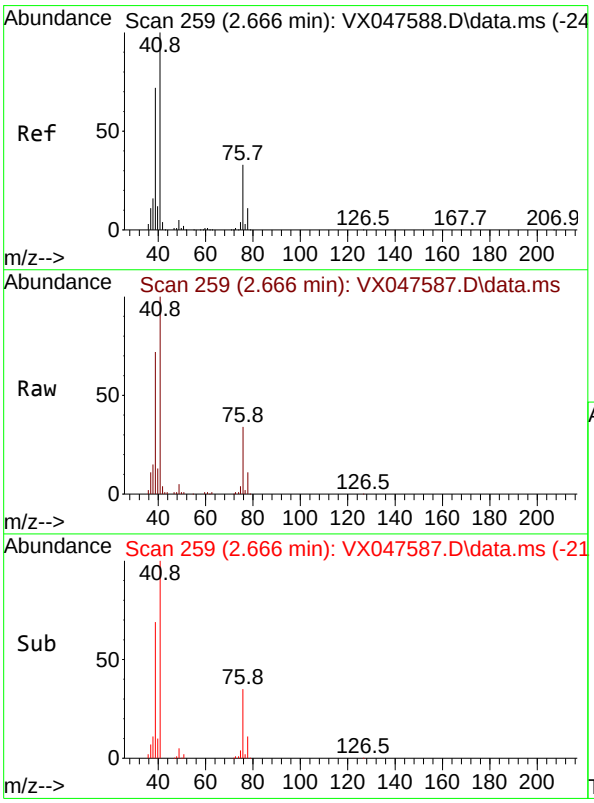
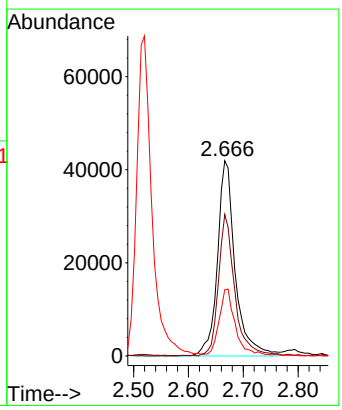
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

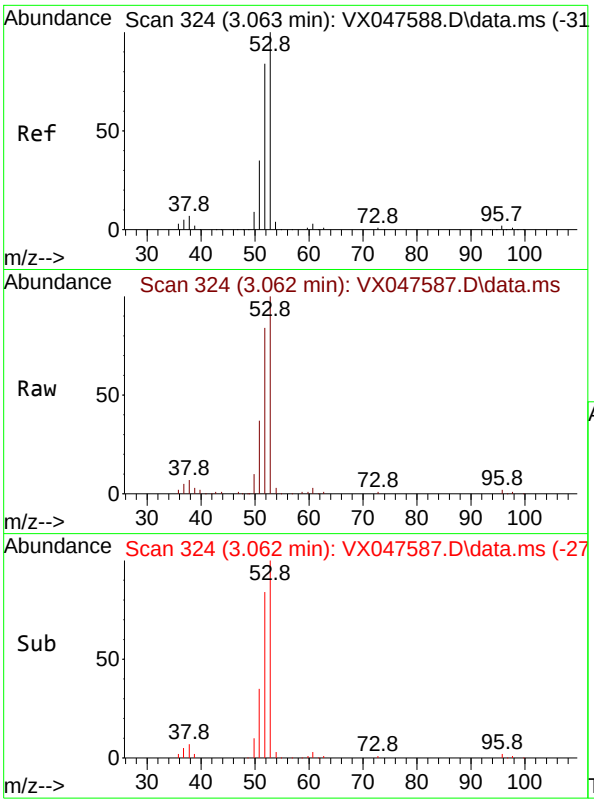


#14
Allyl chloride
Concen: 20.379 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 94710

Ion	Ratio	Lower	Upper
41	100		
39	65.5	54.7	82.1
76	30.3	25.7	38.5

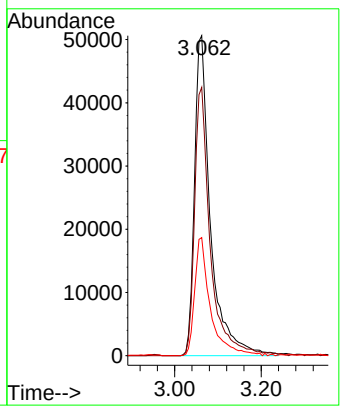




#15
Acrylonitrile
Concen: 104.554 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 53 Resp: 13014

Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.4	99.6
51	36.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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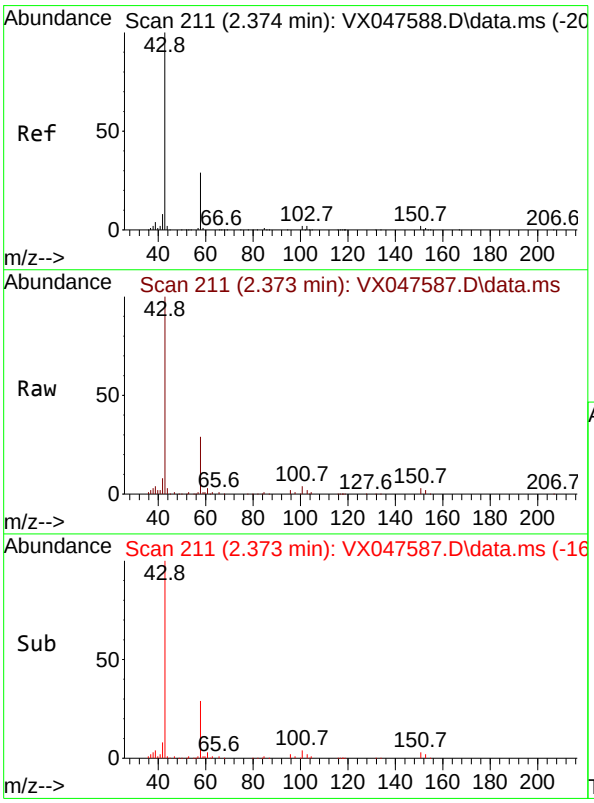
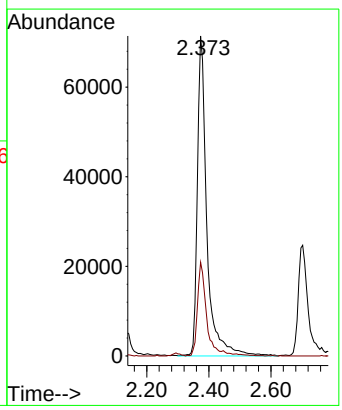
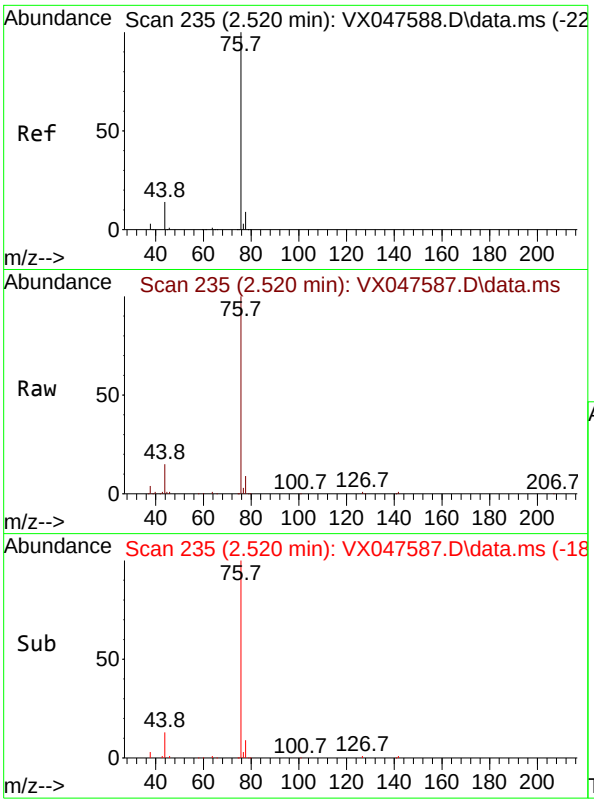


#16
Acetone
Concen: 115.507 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 151538

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.4	35.0

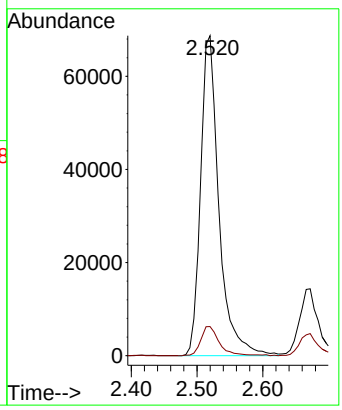




#17
Carbon Disulfide
Concen: 21.620 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 76 Resp: 13329

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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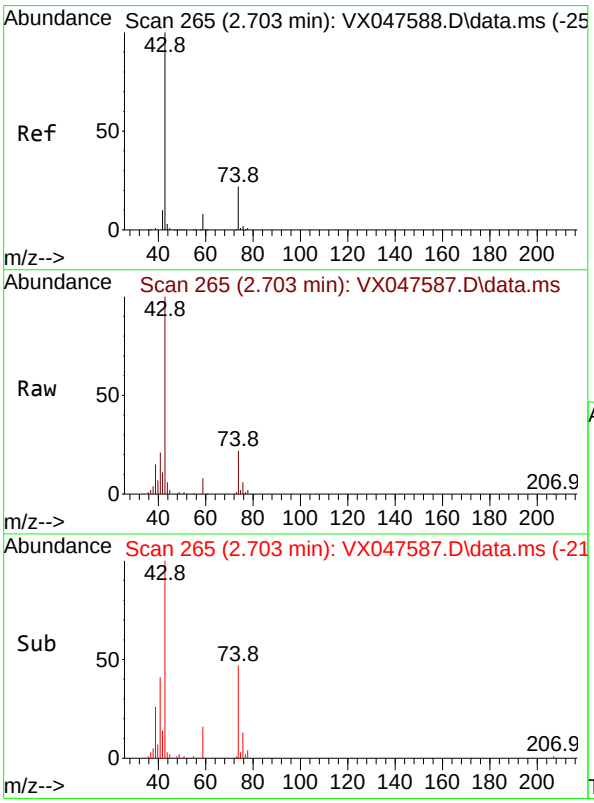
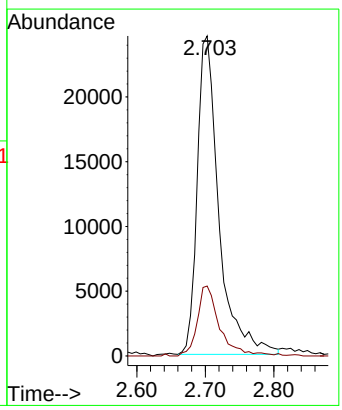
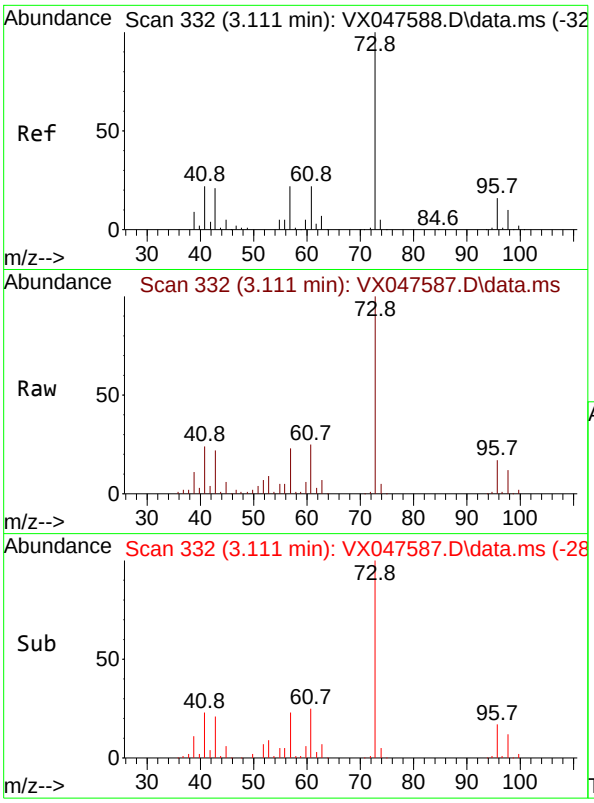


#18
Methyl Acetate
Concen: 18.536 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 54120

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2

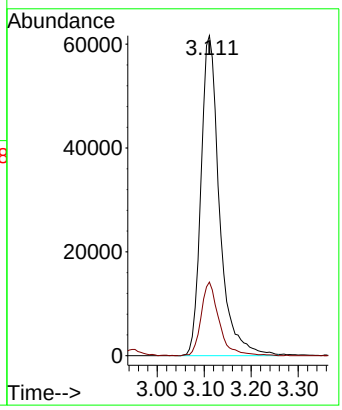




#19
Methyl tert-butyl Ether
Concen: 20.486 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 73 Resp: 16842

Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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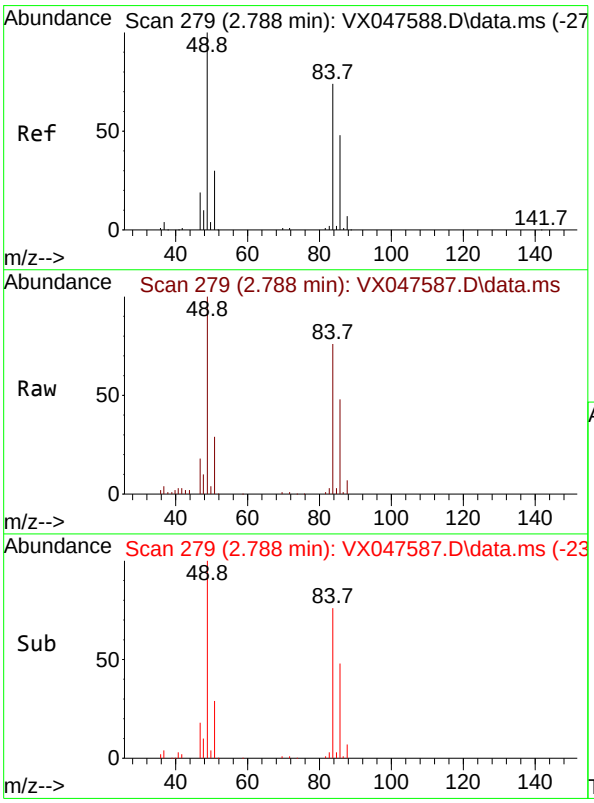
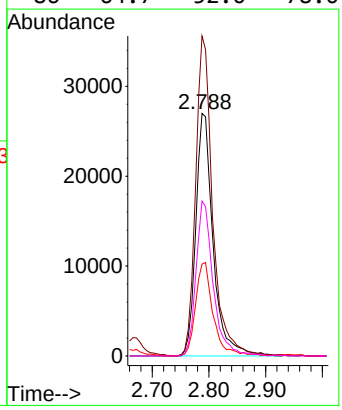
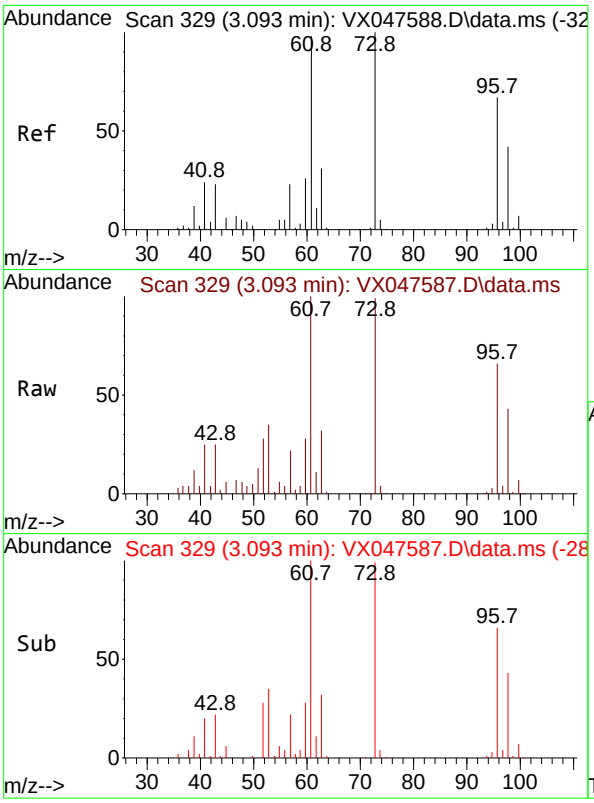


#20
Methylene Chloride
Concen: 20.581 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 84 Resp: 57153

Ion	Ratio	Lower	Upper
84	100		
49	131.7	108.6	162.8
51	37.9	32.6	48.8
86	64.7	52.0	78.0

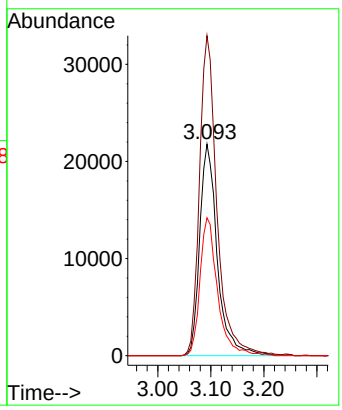




#21
trans-1,2-Dichloroethene
Concen: 20.791 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 96 Resp: 5041

Ion	Ratio	Lower	Upper
96	100		
61	151.3	116.2	174.2
98	67.2	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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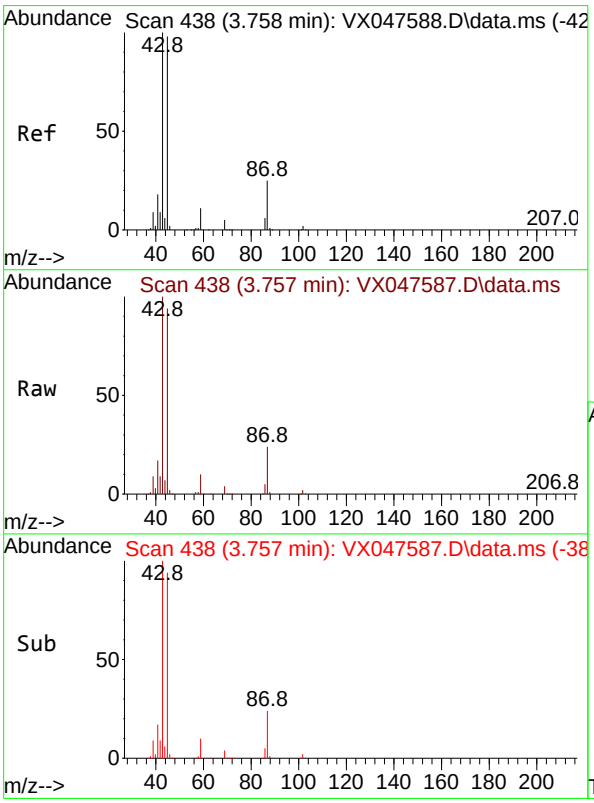
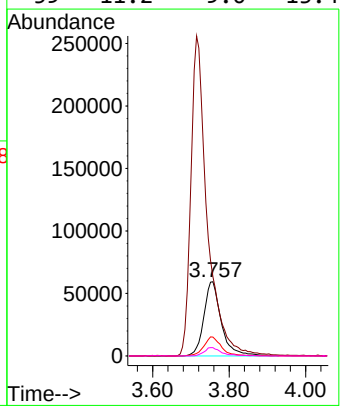
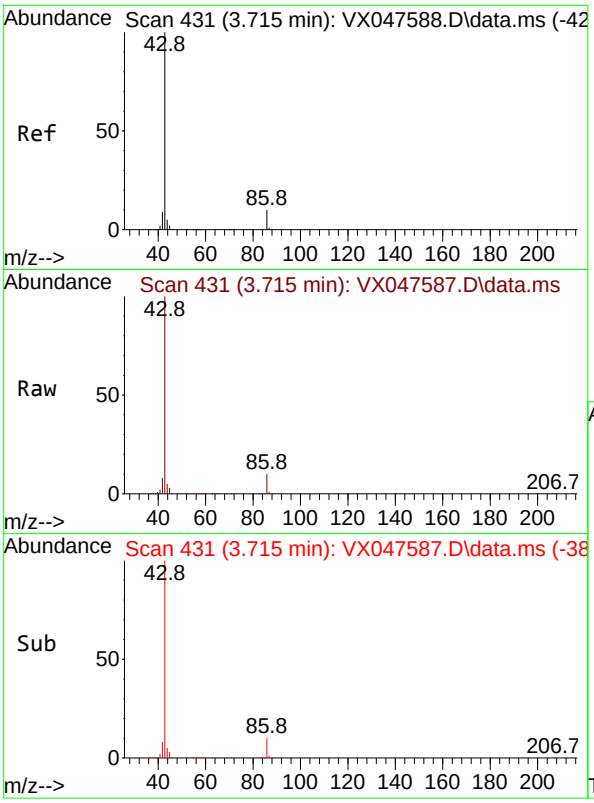


#22
Diisopropyl ether
Concen: 20.940 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 45 Resp: 188598

Ion	Ratio	Lower	Upper
45	100		
43	106.1	81.0	121.4
87	25.5	20.3	30.5
59	11.2	9.0	13.4





#23
Vinyl Acetate
Concen: 106.218 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 76567

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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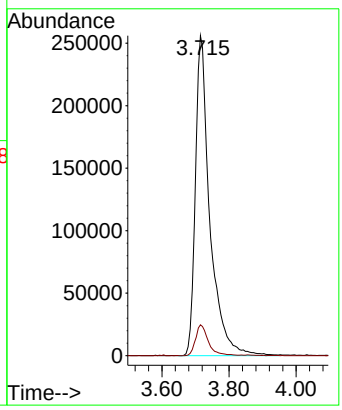
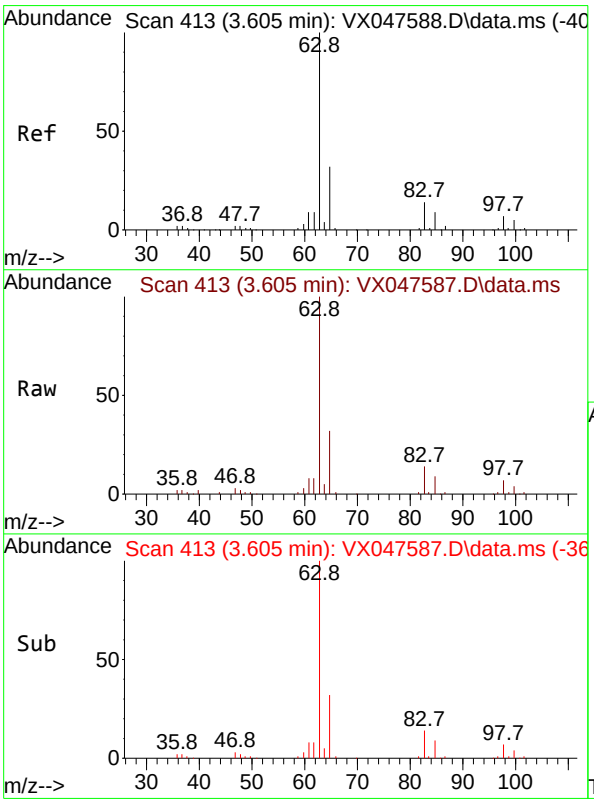
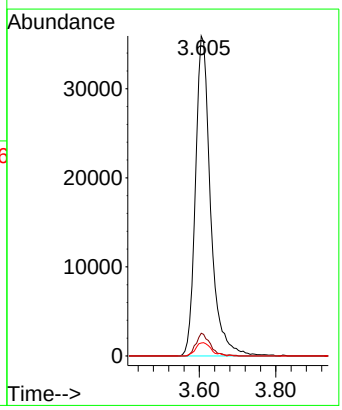


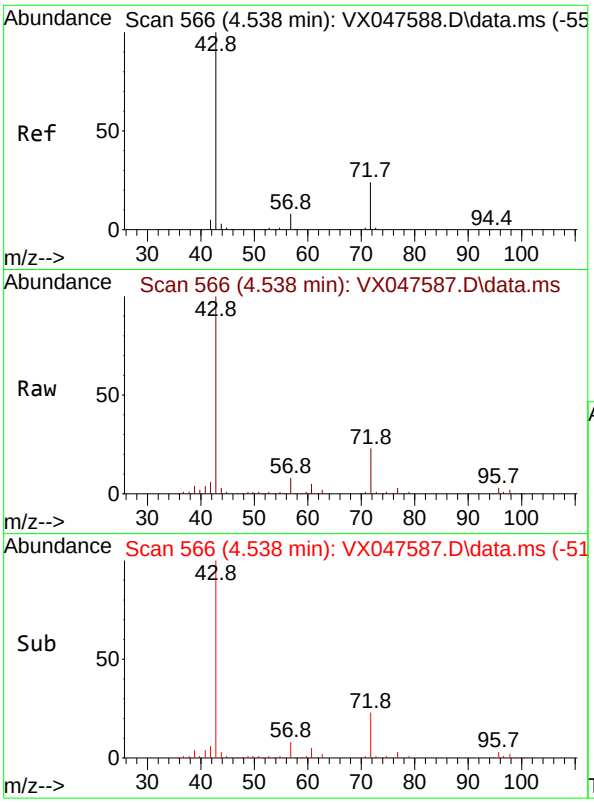


#24
1,1-Dichloroethane
Concen: 20.578 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 98509

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.2
100	4.1	2.3	6.9





#25
2-Butanone
Concen: 109.679 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 17948

Ion	Ratio	Lower	Upper
43	100		
72	22.3	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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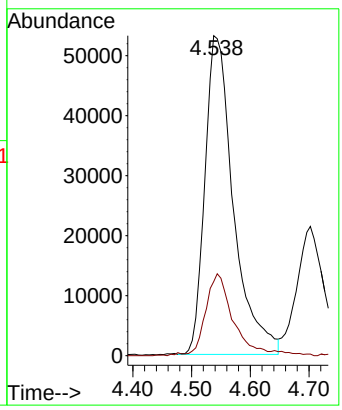
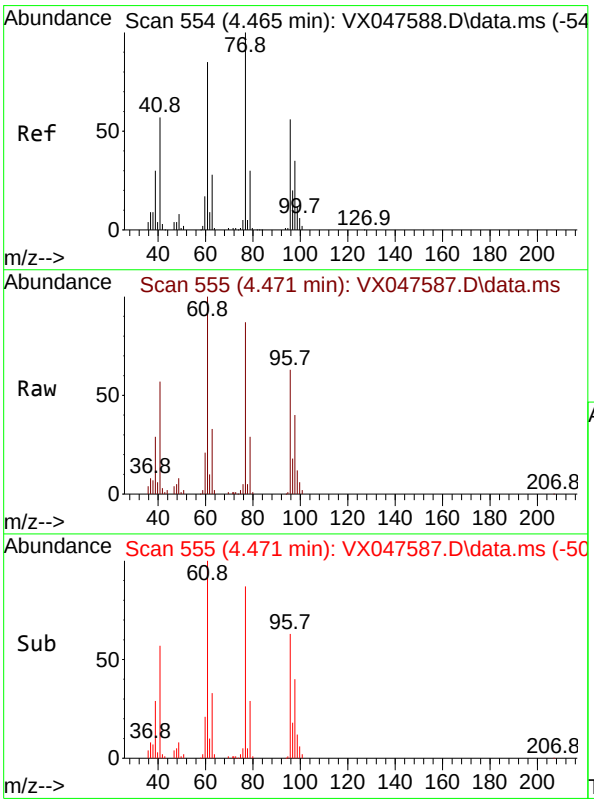
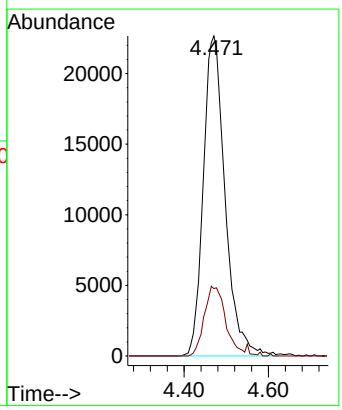


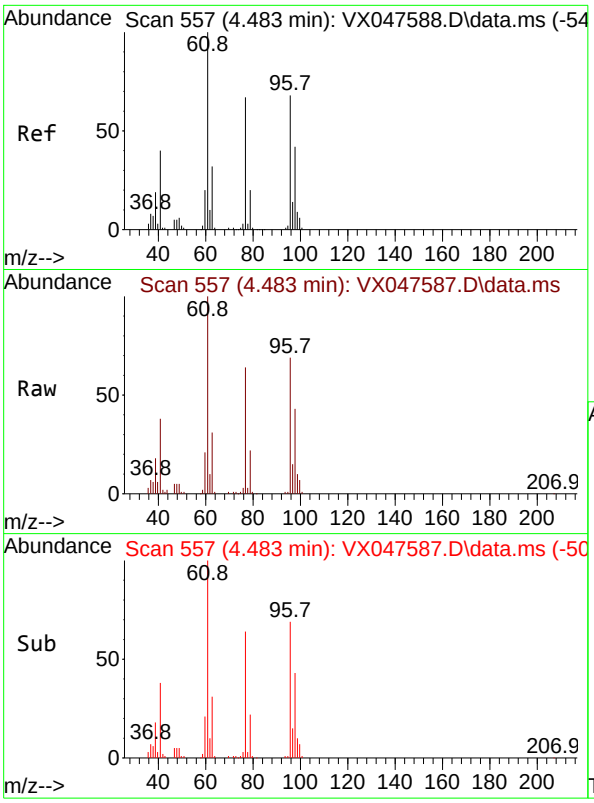


#26
2,2-Dichloropropane
Concen: 20.459 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 77 Resp: 81413

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.9	32.7





#27
cis-1,2-Dichloroethene
Concen: 20.497 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 96 Resp: 6086

Ion	Ratio	Lower	Upper
96	100		
61	154.8	0.0	303.2
98	63.7	0.0	127.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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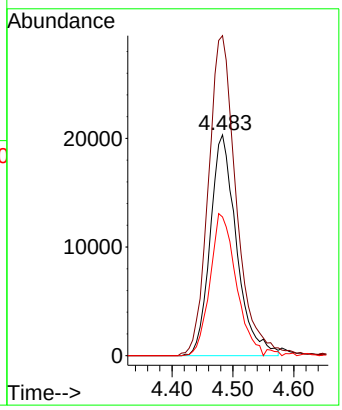
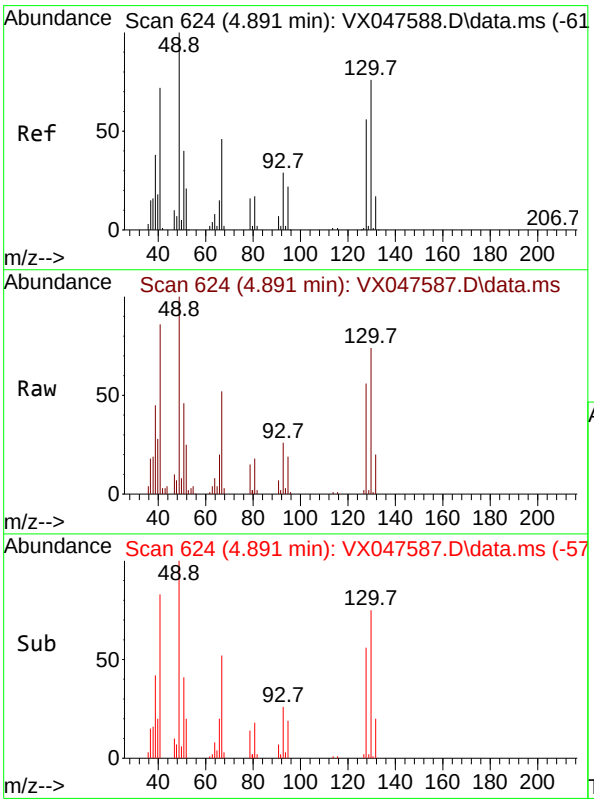
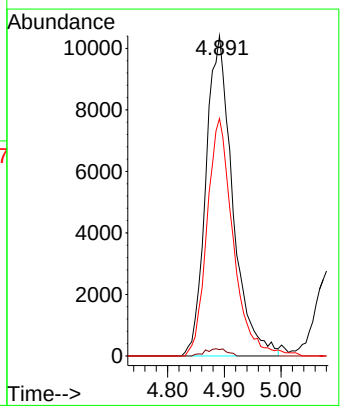


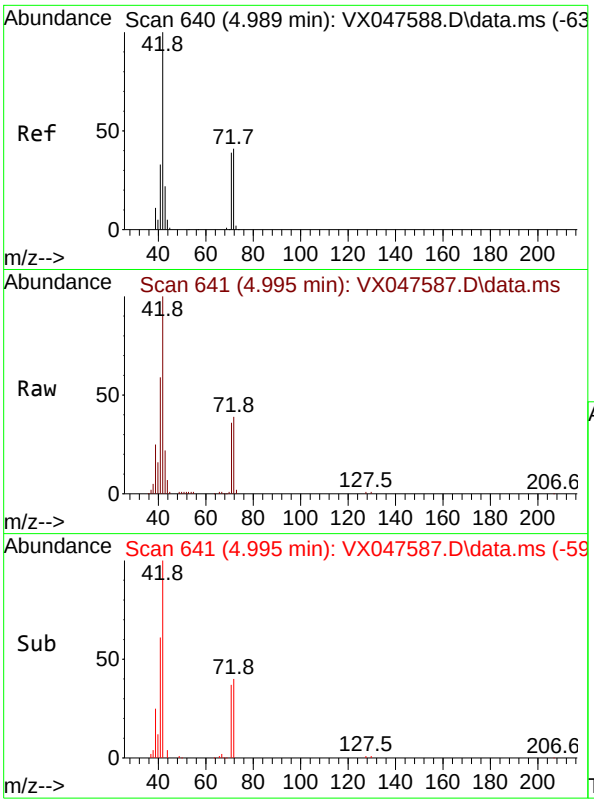


#28
Bromochloromethane
Concen: 16.309 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 49 Resp: 34085

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	72.7	57.8	86.8





#29
Tetrahydrofuran
Concen: 104.560 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 42 Resp: 10293

Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.2	51.2
71	37.8	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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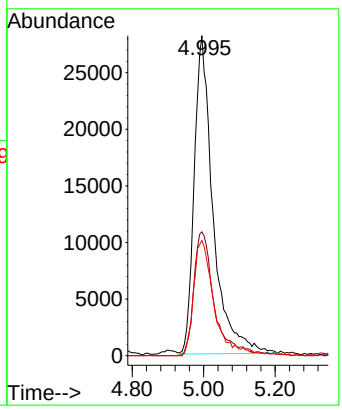
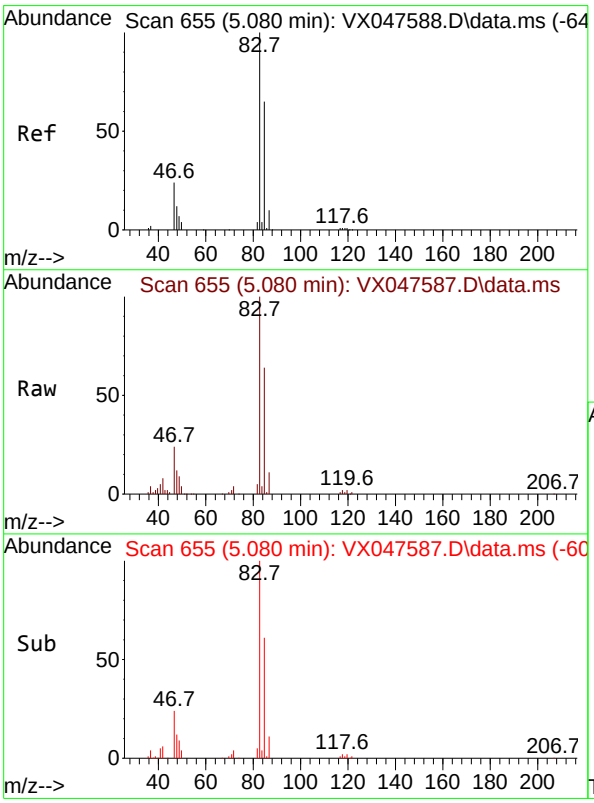
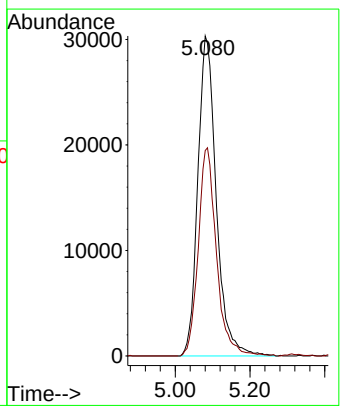


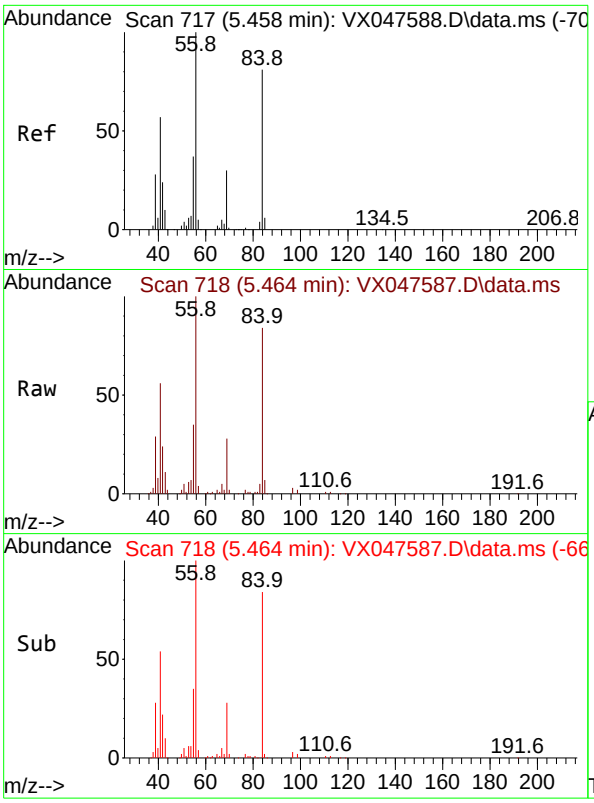


#30
Chloroform
Concen: 21.413 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 103586

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6





#31
Cyclohexane
Concen: 20.759 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 56 Resp: 8277

Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.8	35.8
84	82.2	64.6	97.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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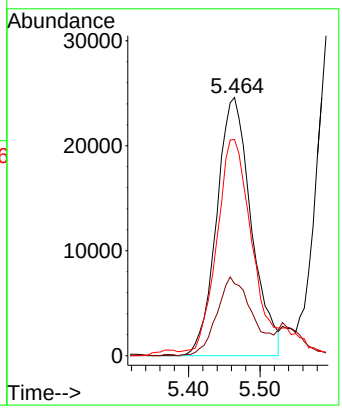
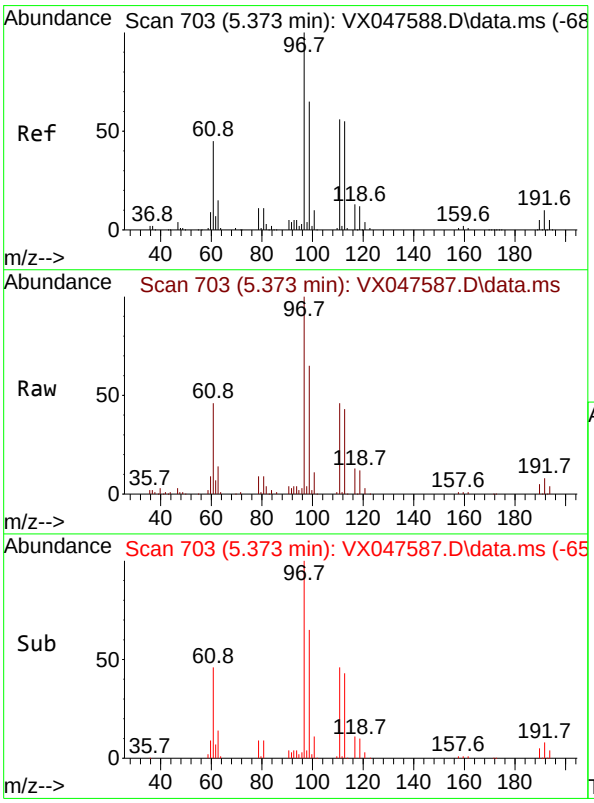
Supervised By :Mahesh Dadoda 09/18/2025

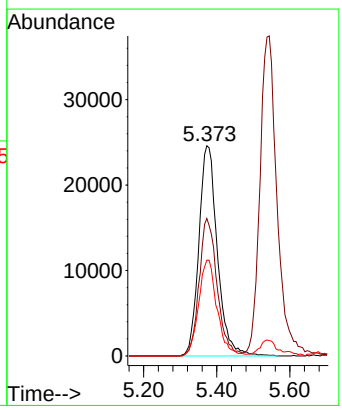


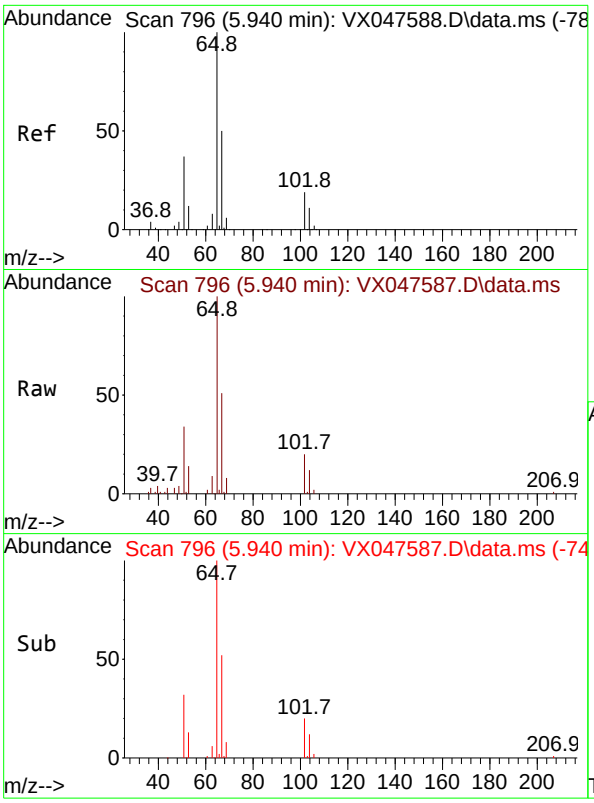


#32
1,1,1-Trichloroethane
Concen: 21.081 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 97 Resp: 86500

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	45.5	35.8	53.8

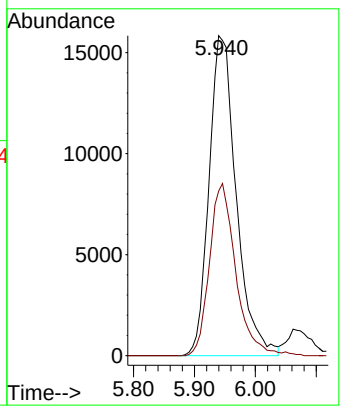




#33
1,2-Dichloroethane-d4
Concen: 16.264 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 65 Resp: 4907

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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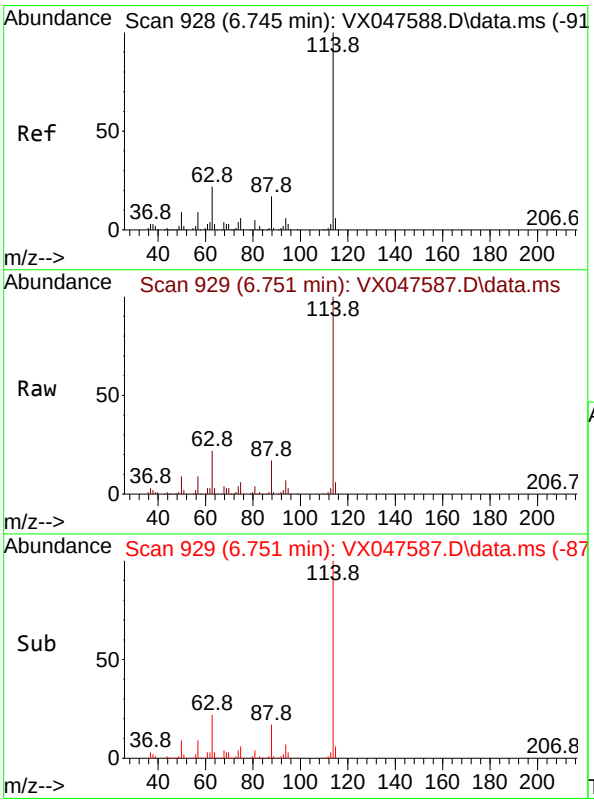
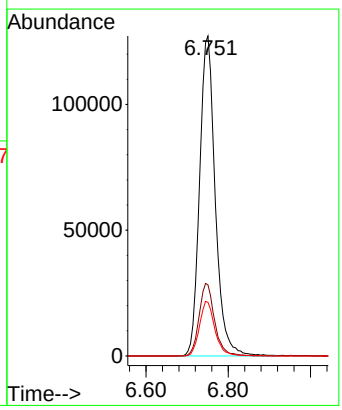
Supervised By :Mahesh Dadoda 09/18/2025

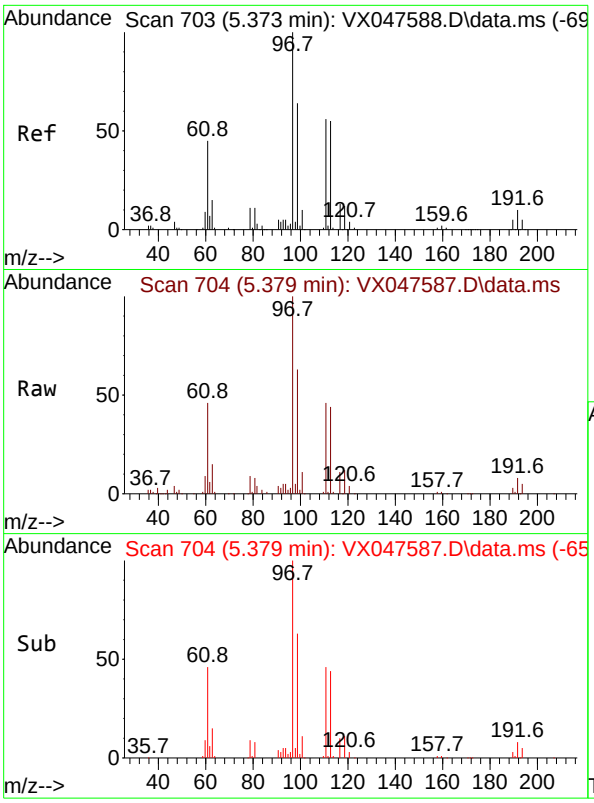


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:114 Resp: 336287

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2

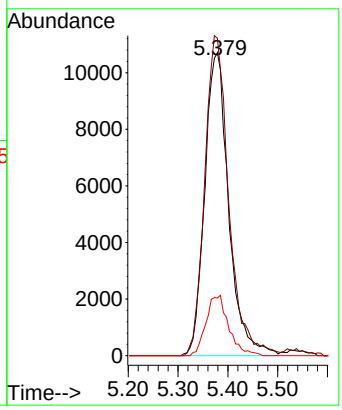




#35
Dibromofluoromethane
Concen: 15.868 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:113 Resp: 3578

Ion	Ratio	Lower	Upper
113	100		
111	105.7	80.9	121.3
192	18.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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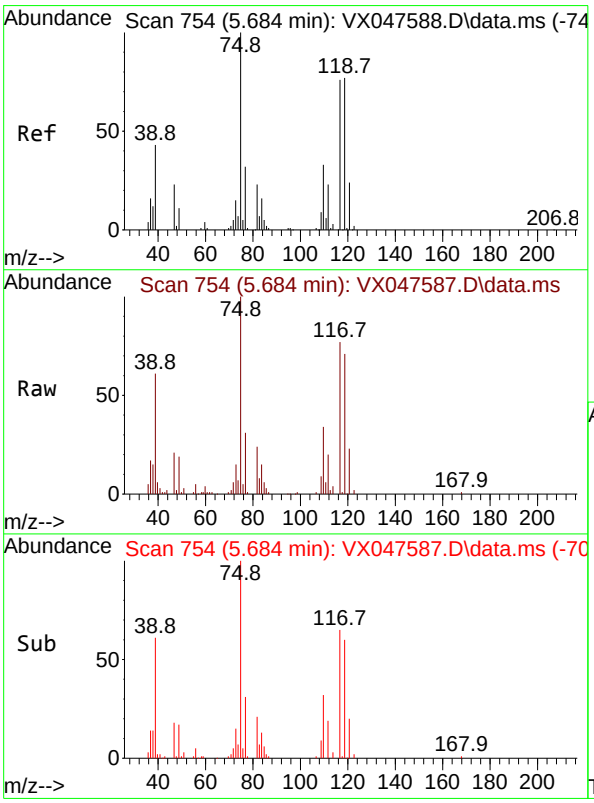
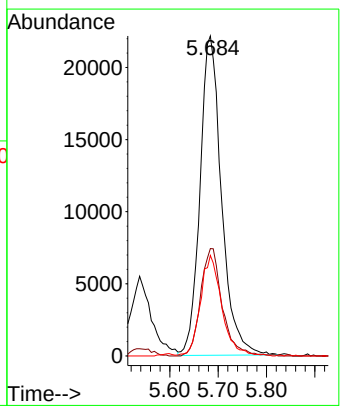
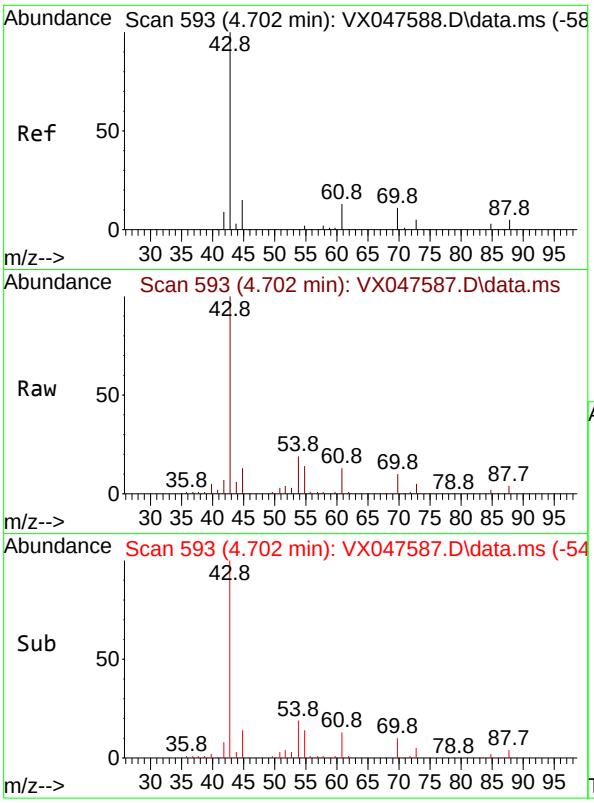


#36
1,1-Dichloropropene
Concen: 20.754 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 68395

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	31.2	24.3	36.5

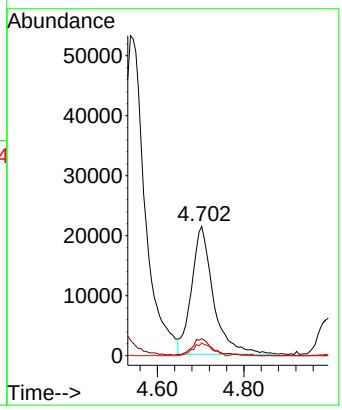




#37
Ethyl Acetate
Concen: 21.113 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 7449

Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.8	14.8
70	8.5	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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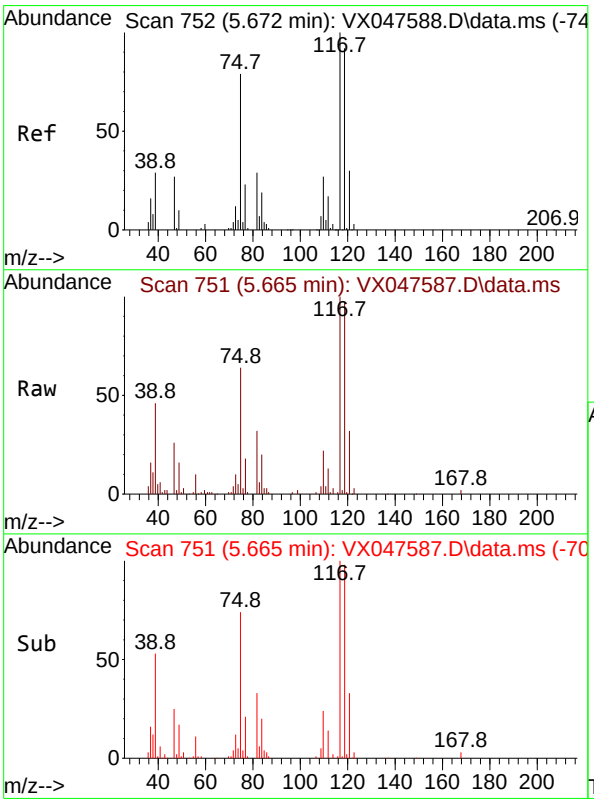
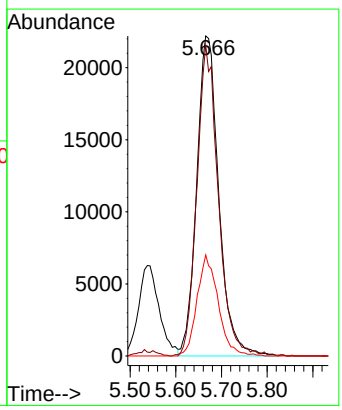
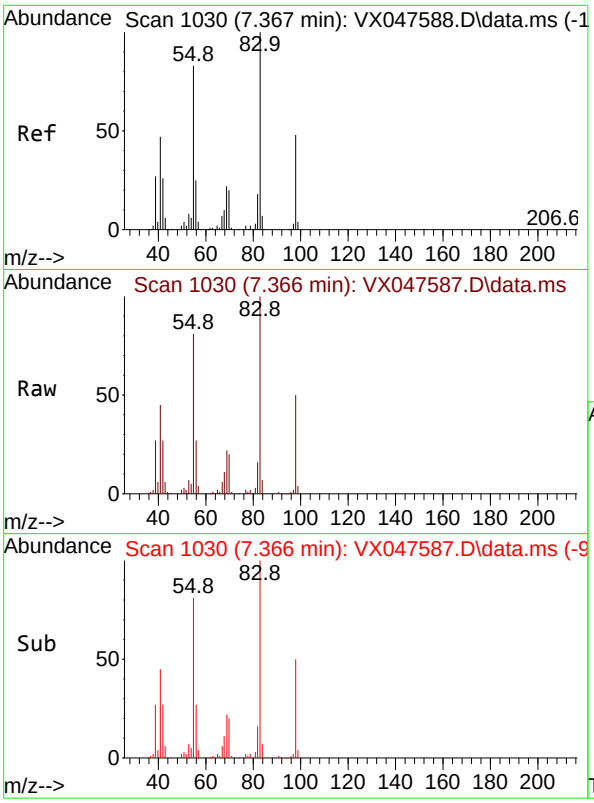


#38
Carbon Tetrachloride
Concen: 20.844 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 74636

Ion	Ratio	Lower	Upper
117	100		
119	96.9	73.4	110.2
121	31.6	23.8	35.6





#39
Methylcyclohexane
Concen: 21.251 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 7949

Ion	Ratio	Lower	Upper
83	100		
55	81.2	66.4	99.6
98	49.6	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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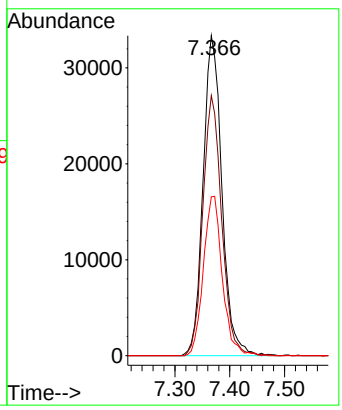
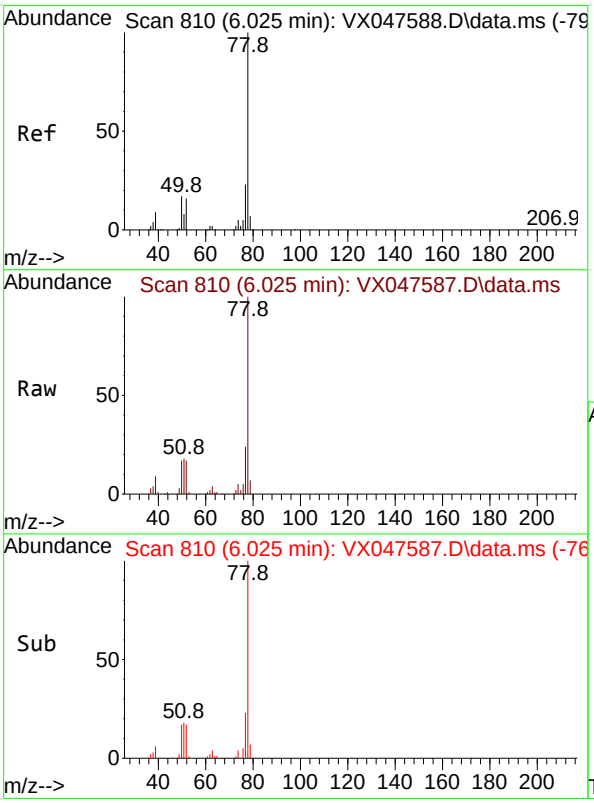
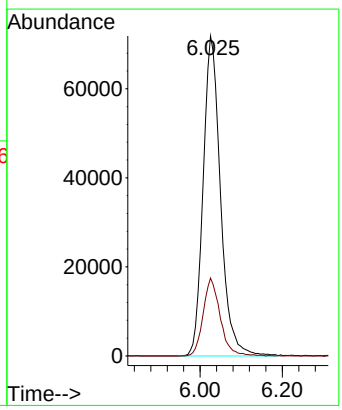


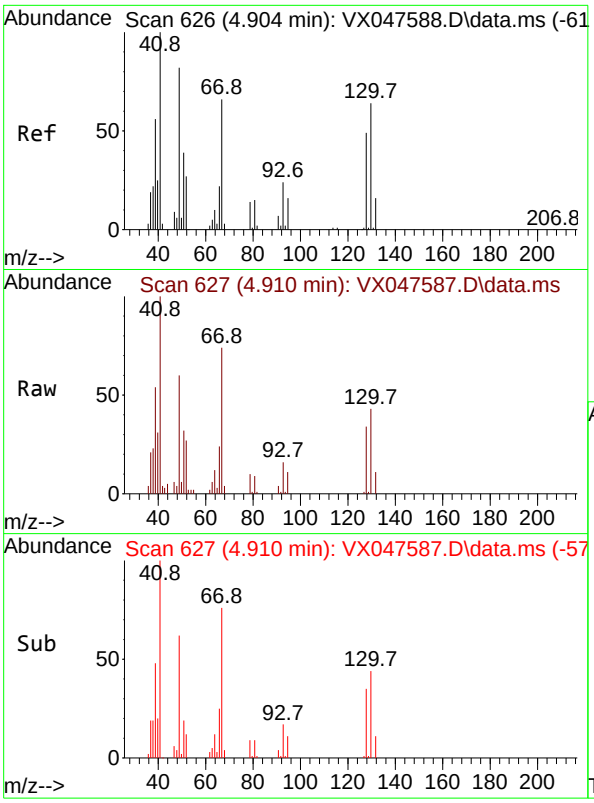


#40
Benzene
Concen: 21.051 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 78 Resp: 210711

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2

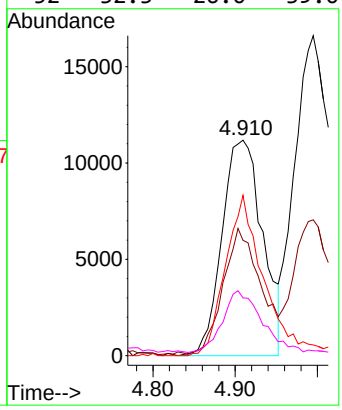




#41
Methacrylonitrile
Concen: 21.148 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 3852

Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.3	64.9
67	72.5	58.6	87.8
52	32.3	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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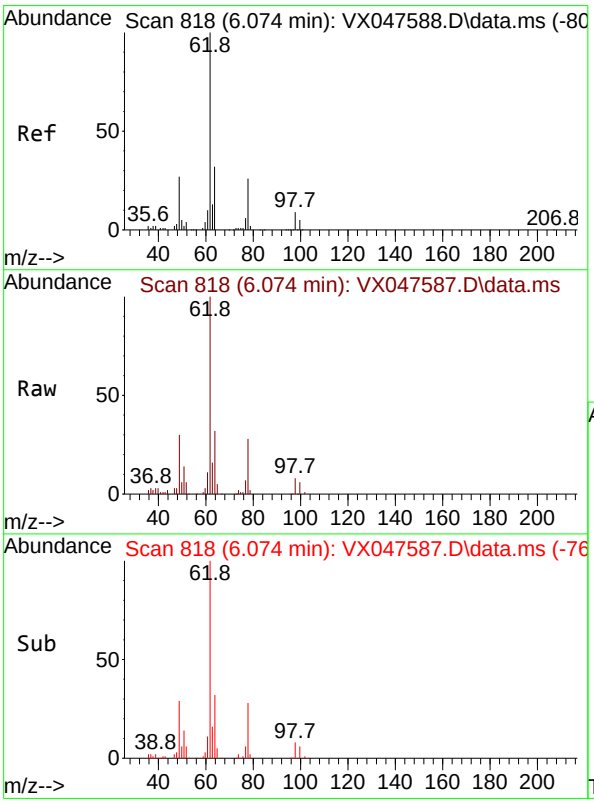
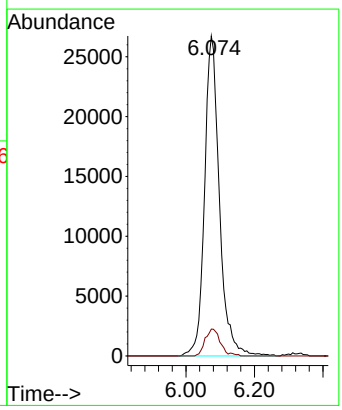
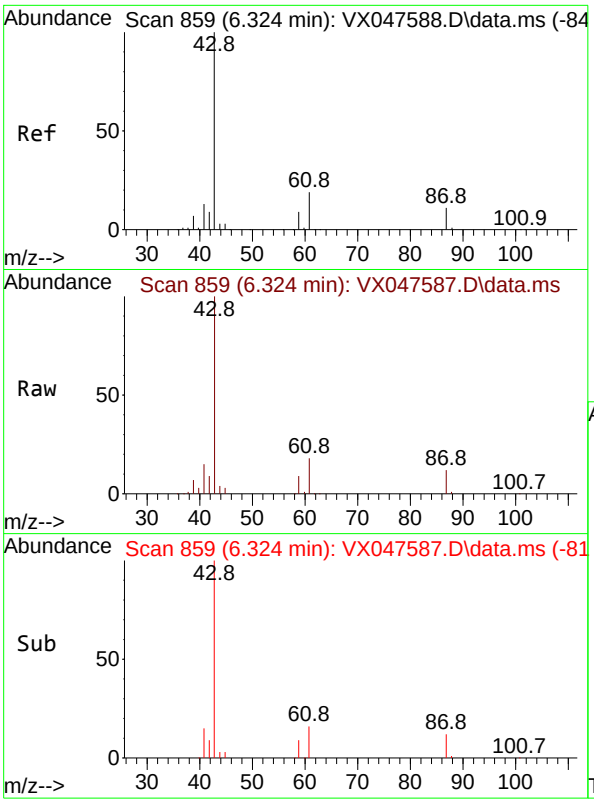


#42
1,2-Dichloroethane
Concen: 21.175 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 80646

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

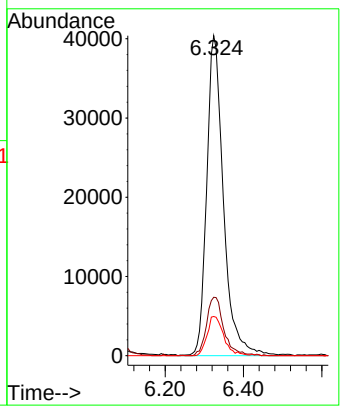




#43
Isopropyl Acetate
Concen: 20.670 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 11962

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.1	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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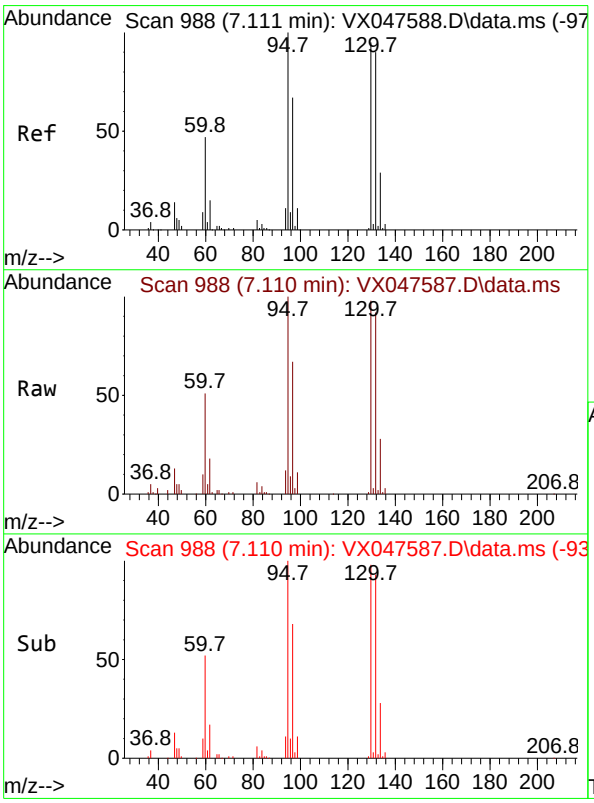
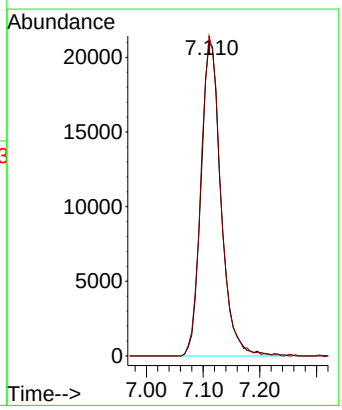
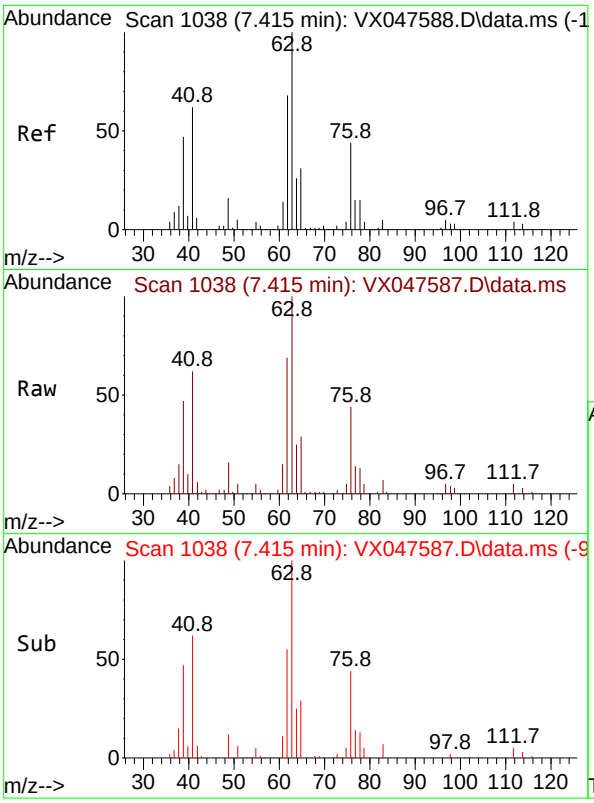


#44
Trichloroethene
Concen: 21.228 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:130 Resp: 51369

Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	210.8





#45
1,2-Dichloropropane
Concen: 20.697 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 5304

Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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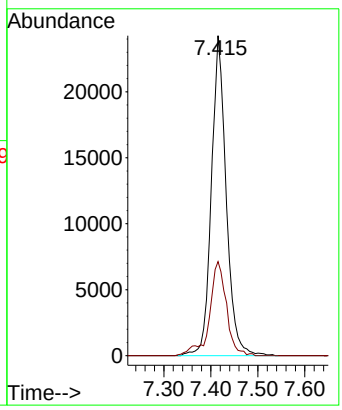
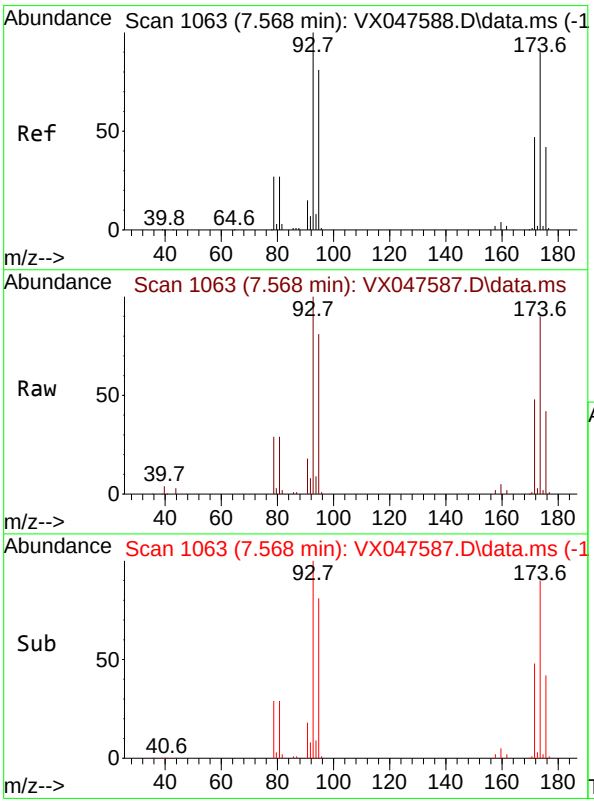
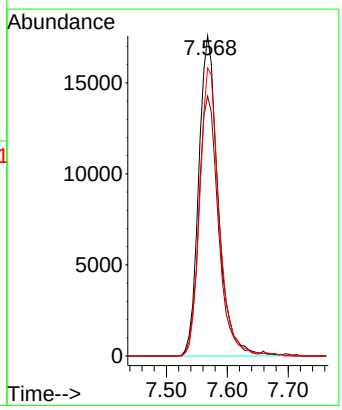


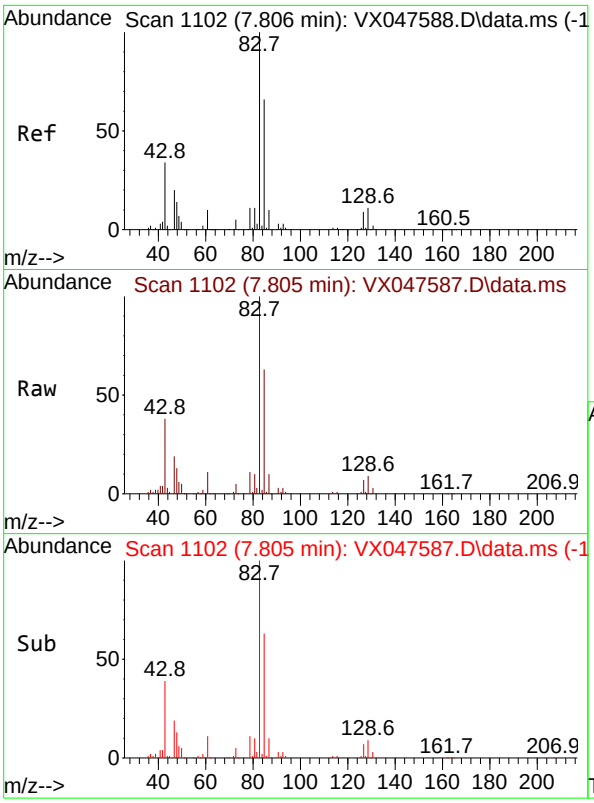


#46
Dibromomethane
Concen: 20.862 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 93 Resp: 38910

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.0	97.6
174	89.2	71.6	107.4

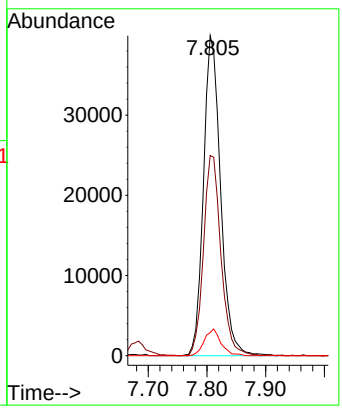




#47
Bromodichloromethane
Concen: 21.002 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 8083

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.2	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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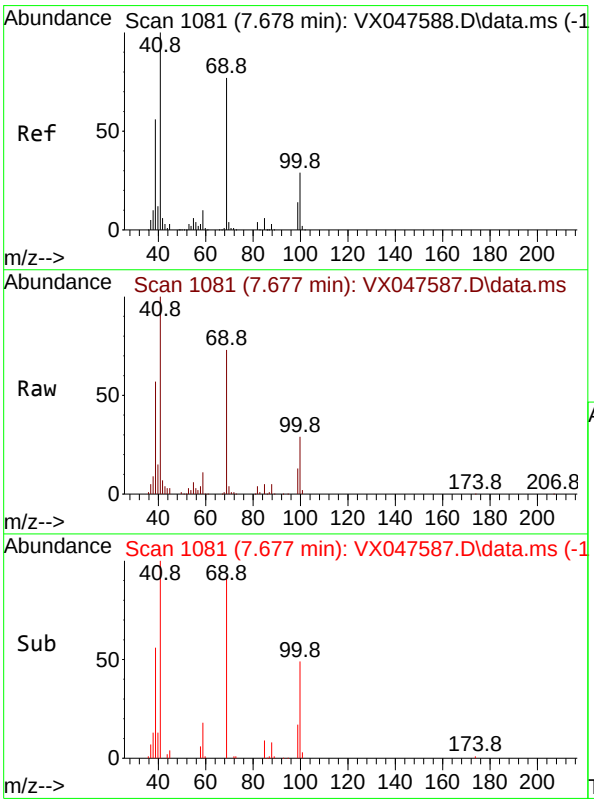
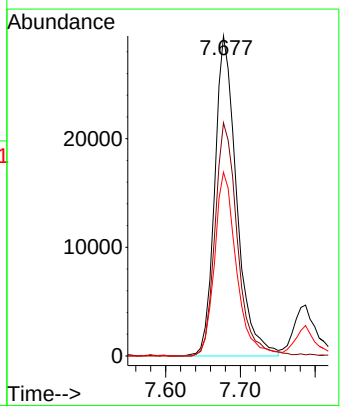
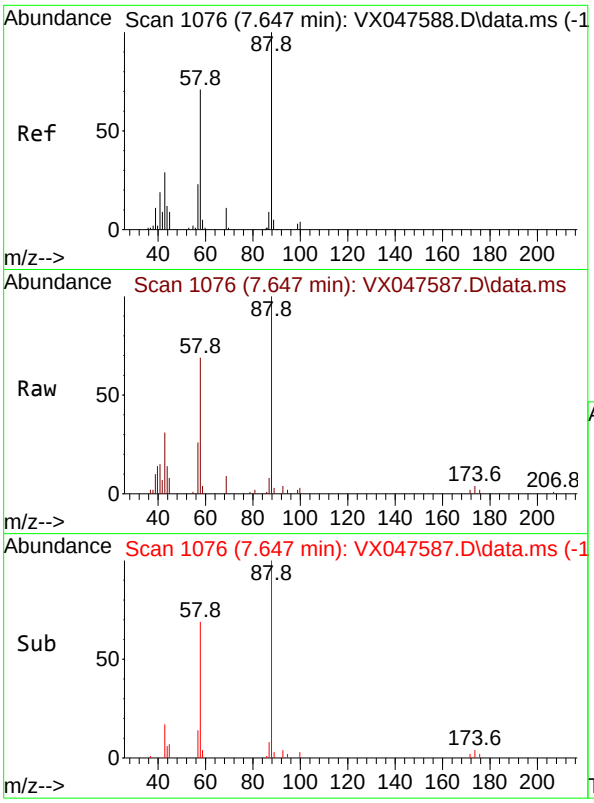


#48
Methyl methacrylate
Concen: 20.877 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 60182

Ion	Ratio	Lower	Upper
41	100		
69	74.2	61.4	92.2
39	57.2	45.8	68.6





#49
1,4-Dioxane
Concen: 413.530 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 88 Resp: 1204

Ion	Ratio	Lower	Upper
88	100		
43	44.7	30.2	45.2
58	75.8	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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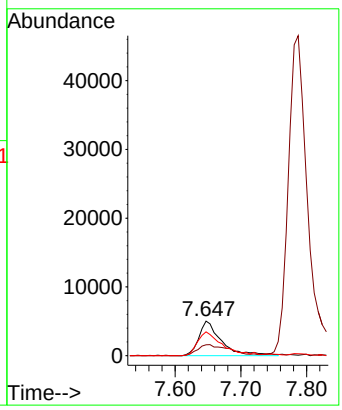
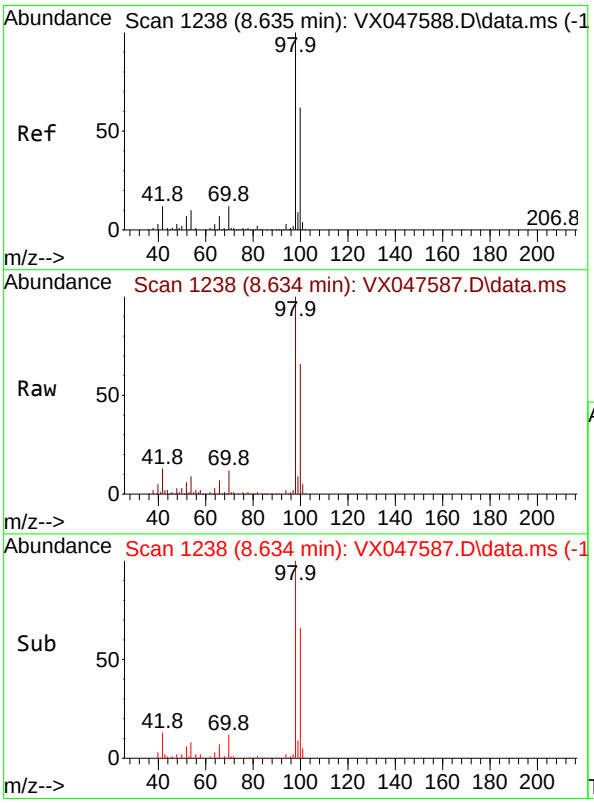
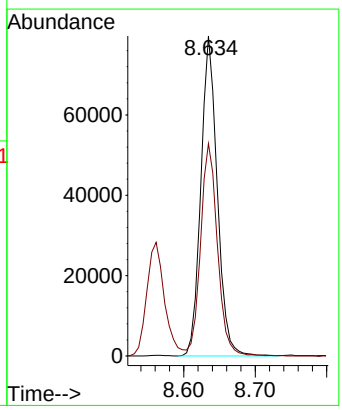


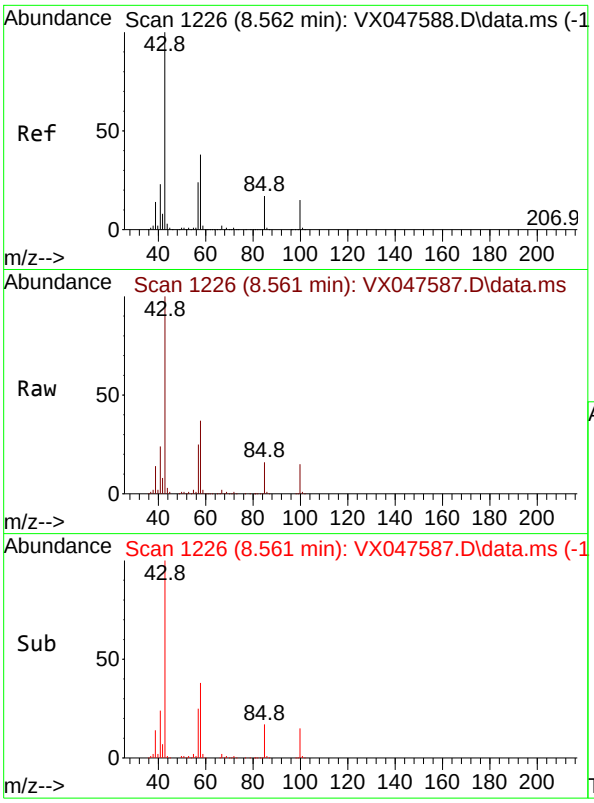


#50
Toluene-d8
Concen: 16.258 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 98 Resp: 126875

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.4

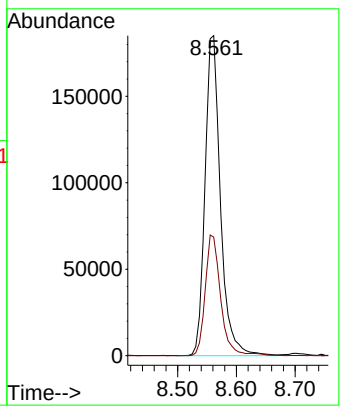




#51
4-Methyl-2-Pentanone
Concen: 105.456 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 33837

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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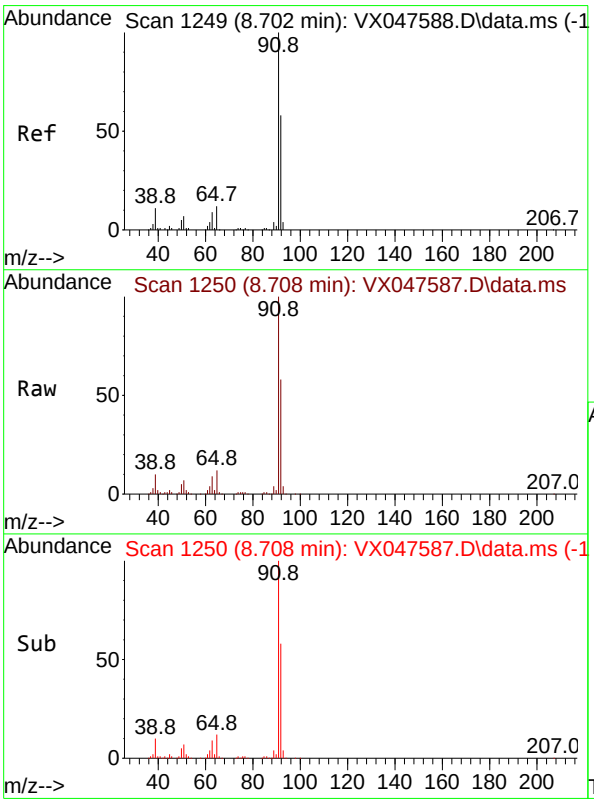
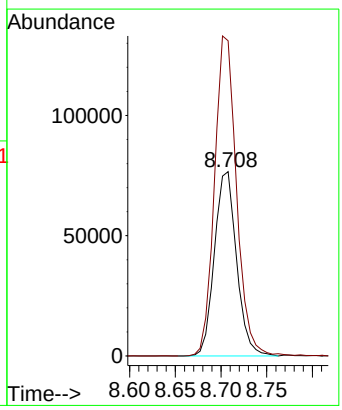
Supervised By :Mahesh Dadoda 09/18/2025

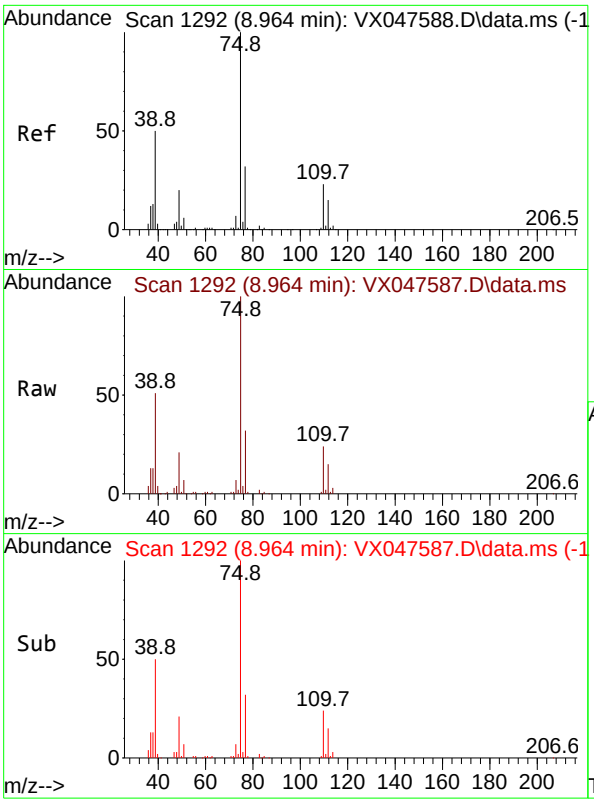


#52
Toluene
Concen: 20.950 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 92 Resp: 129193

Ion	Ratio	Lower	Upper
92	100		
91	173.2	137.1	205.7

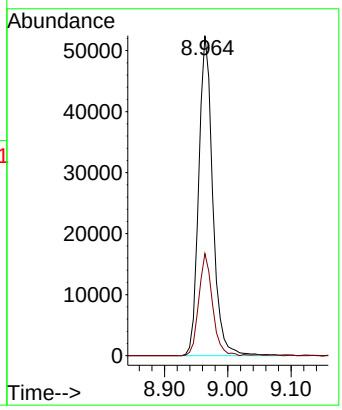




#53
t-1,3-Dichloropropene
Concen: 20.625 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 8097

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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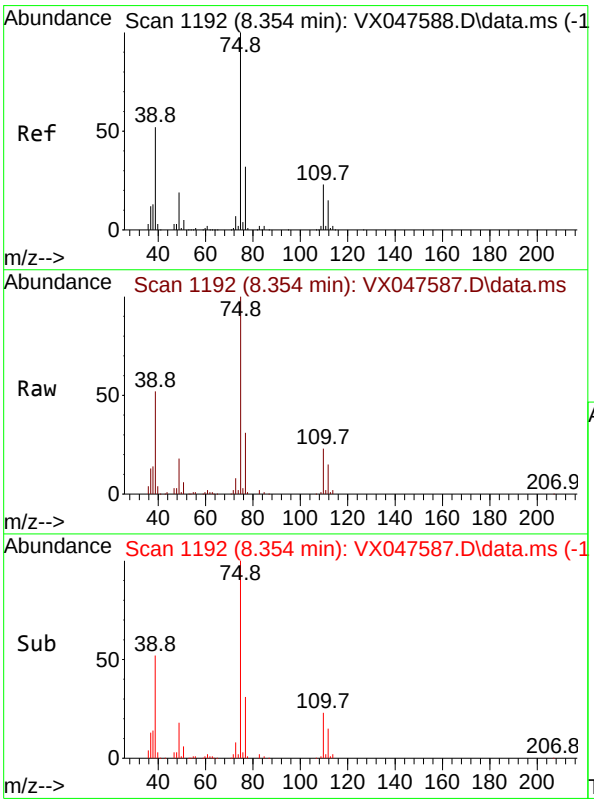
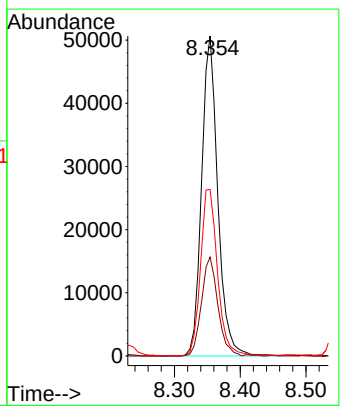
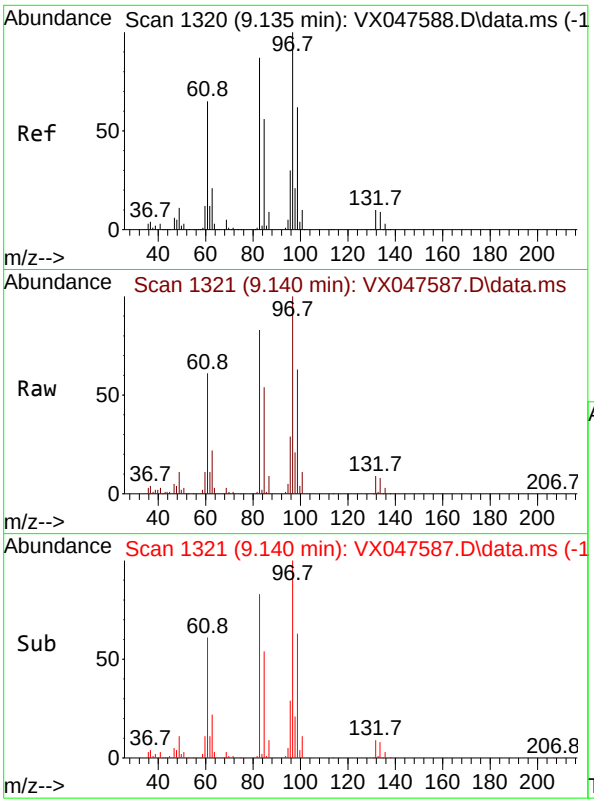


#54
cis-1,3-Dichloropropene
Concen: 20.650 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 86648

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.6
39	52.0	41.4	62.2

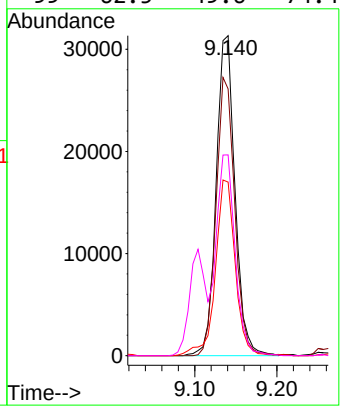




#55
1,1,2-Trichloroethane
Concen: 20.967 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 97 Resp: 4985

Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.6	104.4
85	55.2	45.0	67.6
99	62.5	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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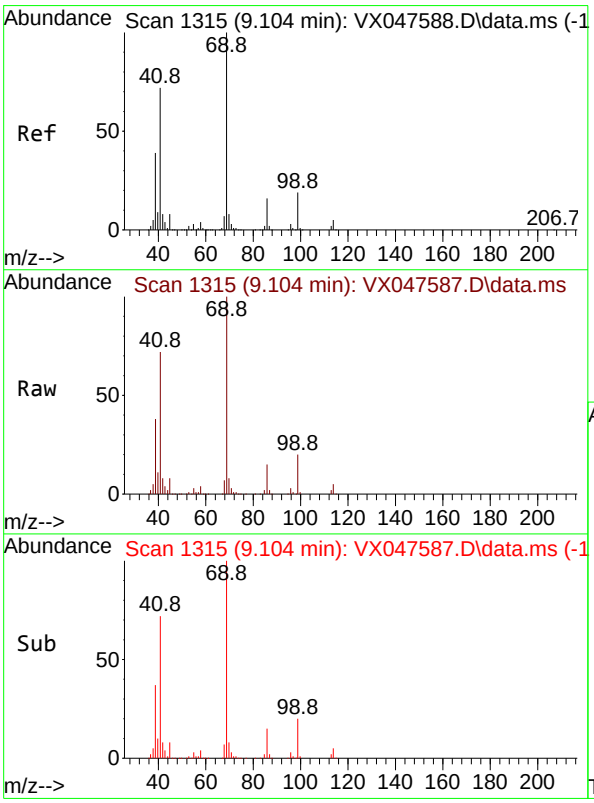
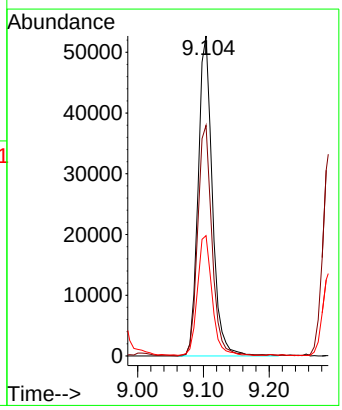
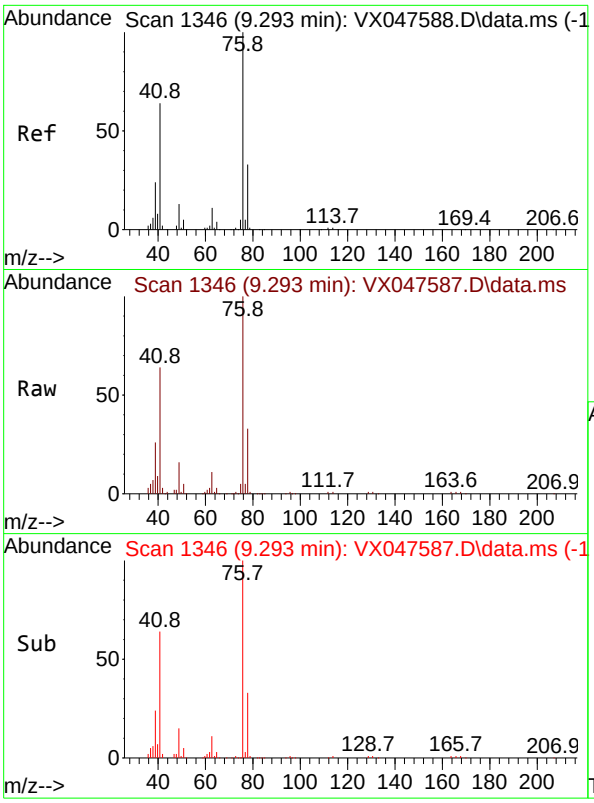


#56
Ethyl methacrylate
Concen: 21.158 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 69 Resp: 79011

Ion	Ratio	Lower	Upper
69	100		
41	72.6	58.6	87.8
39	38.6	31.5	47.3





#57
1,3-Dichloropropane
Concen: 20.934 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 76 Resp: 8551

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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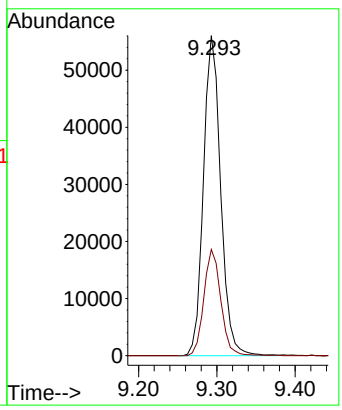
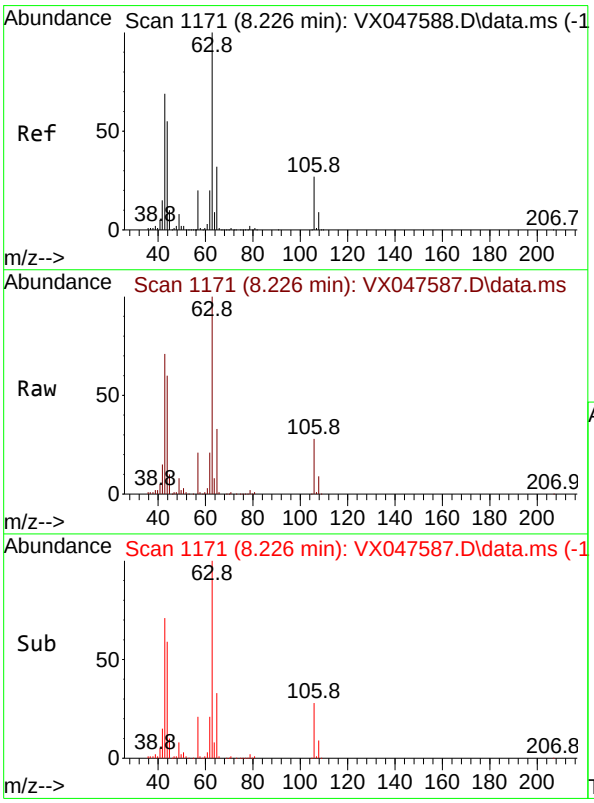
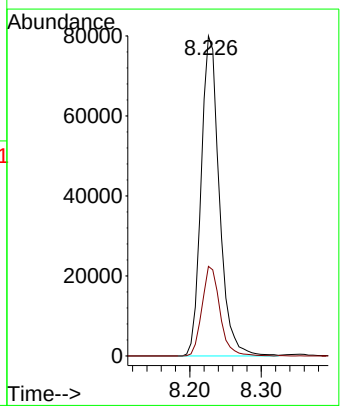


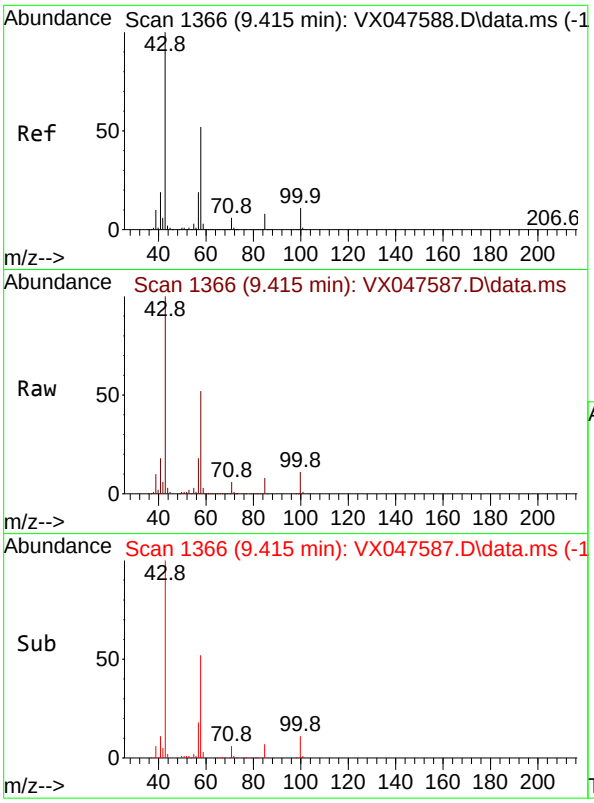


#58
2-Chloroethyl Vinyl ether
Concen: 86.617 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 141395

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9





#59
2-Hexanone
Concen: 108.488 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 25000

Ion	Ratio	Lower	Upper
43	100		
58	51.4	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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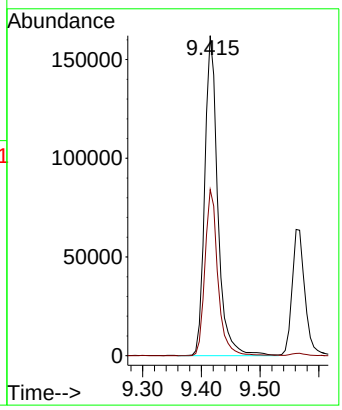
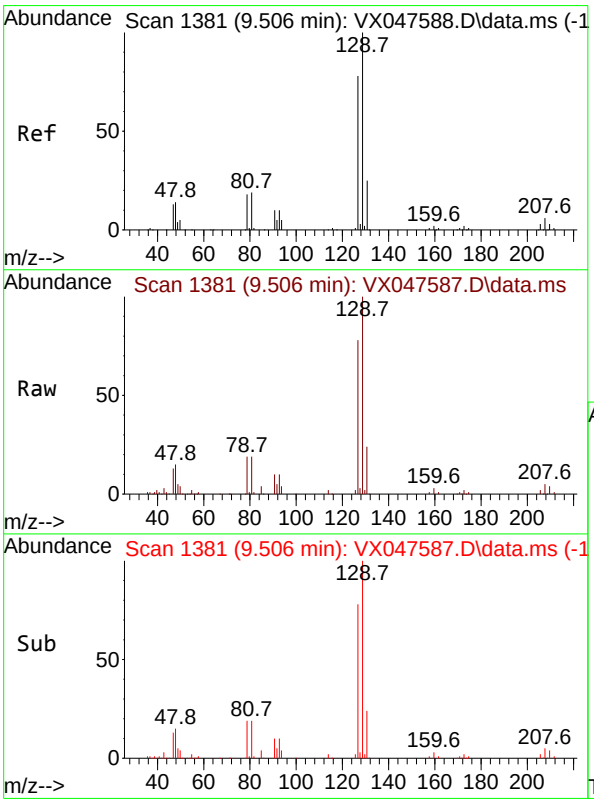
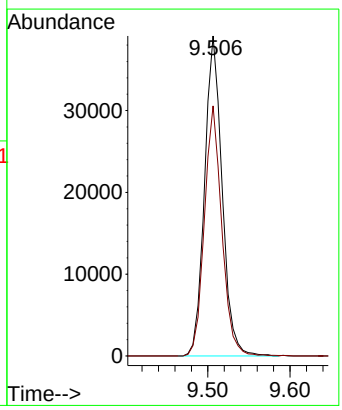


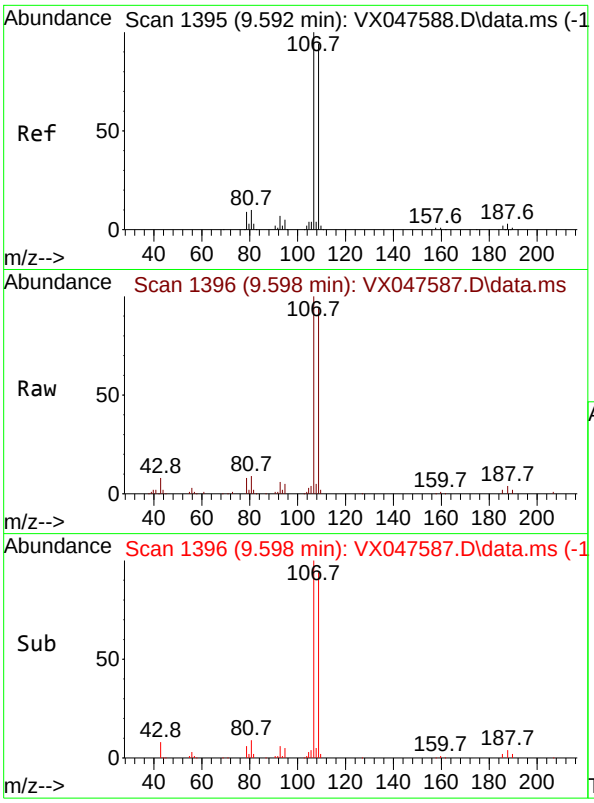


#60
Dibromochloromethane
Concen: 21.167 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:129 Resp: 57994

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2

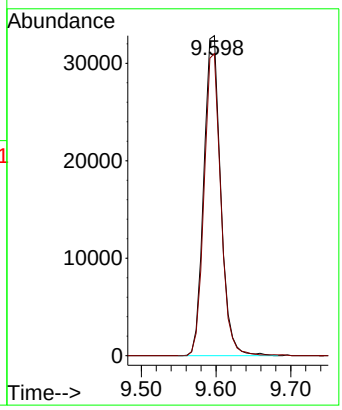




#61
1,2-Dibromoethane
Concen: 21.310 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:107 Resp: 5161

Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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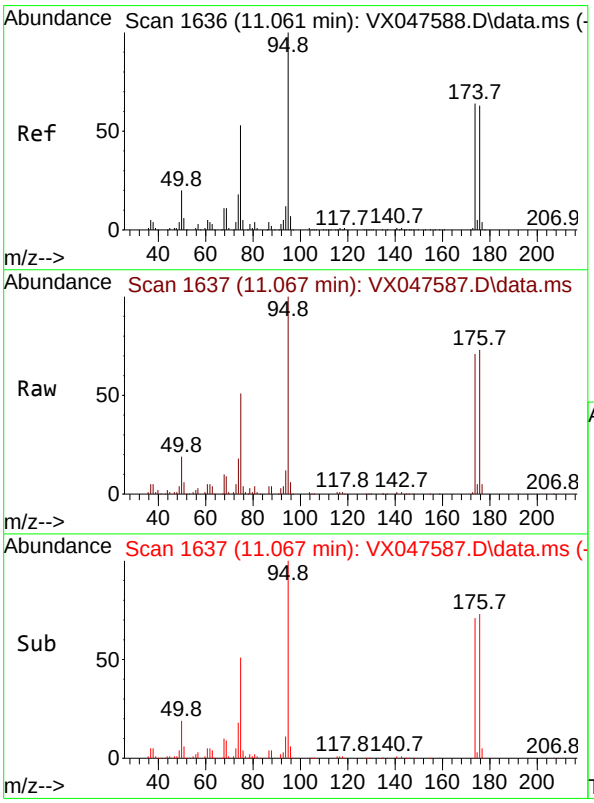
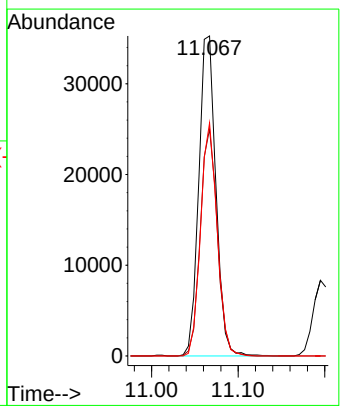
Supervised By :Mahesh Dadoda 09/18/2025

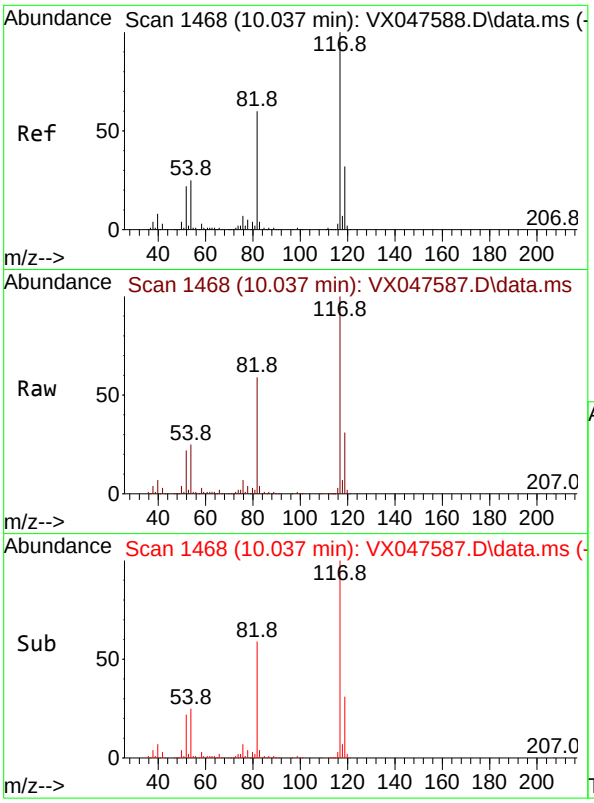


#62
4-Bromofluorobenzene
Concen: 16.360 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 95 Resp: 48454

Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	141.6
176	70.3	0.0	138.4

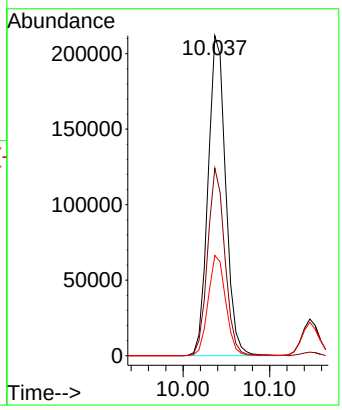




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 29862

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.8	71.6
119	31.3	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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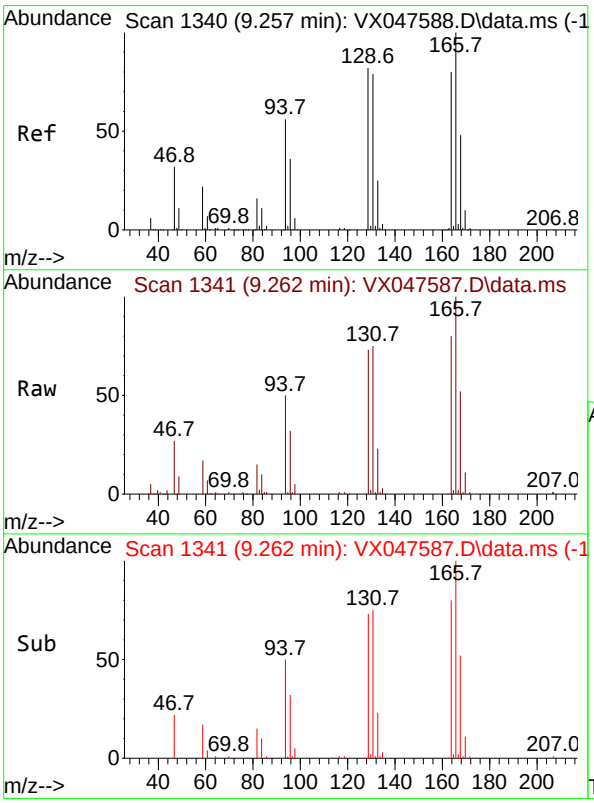
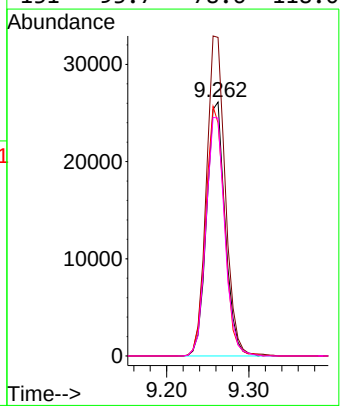
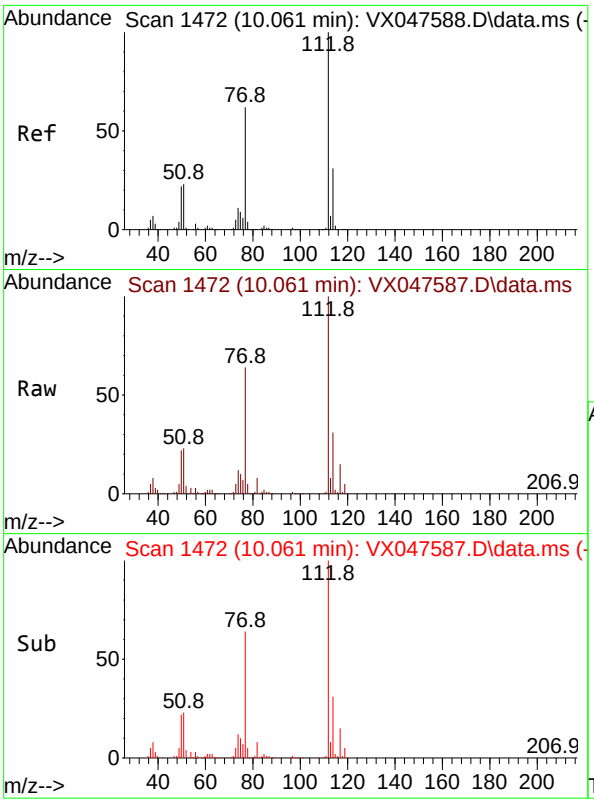


#64
Tetrachloroethene
Concen: 20.979 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:164 Resp: 40840

Ion	Ratio	Lower	Upper
164	100		
166	125.4	100.2	150.2
129	91.8	81.8	122.6
131	93.7	78.6	118.0





#65
Chlorobenzene
Concen: 20.731 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:112 Resp: 14064

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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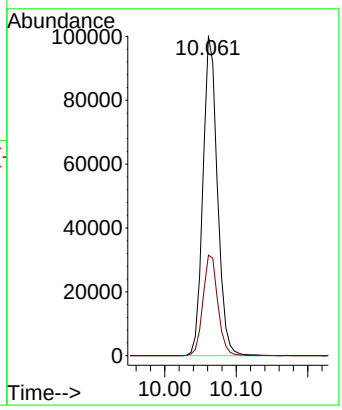
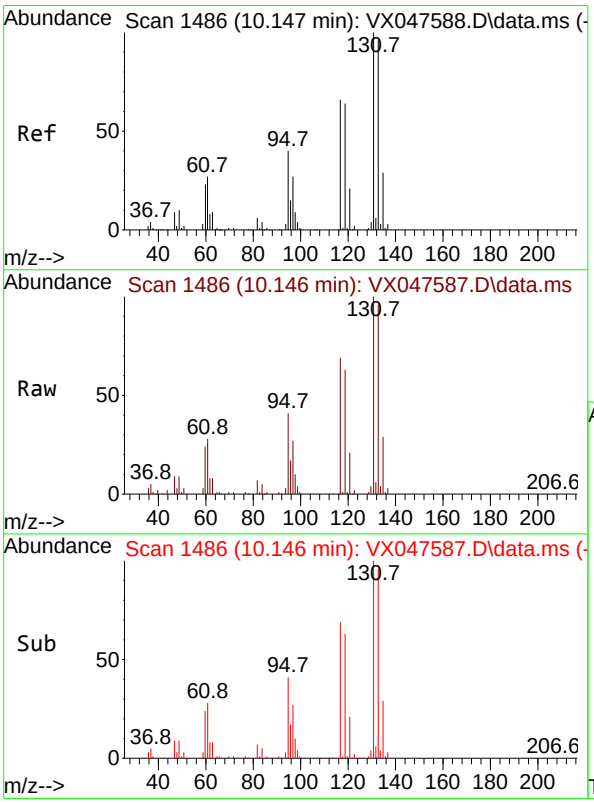
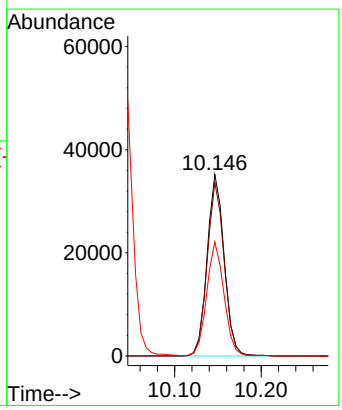


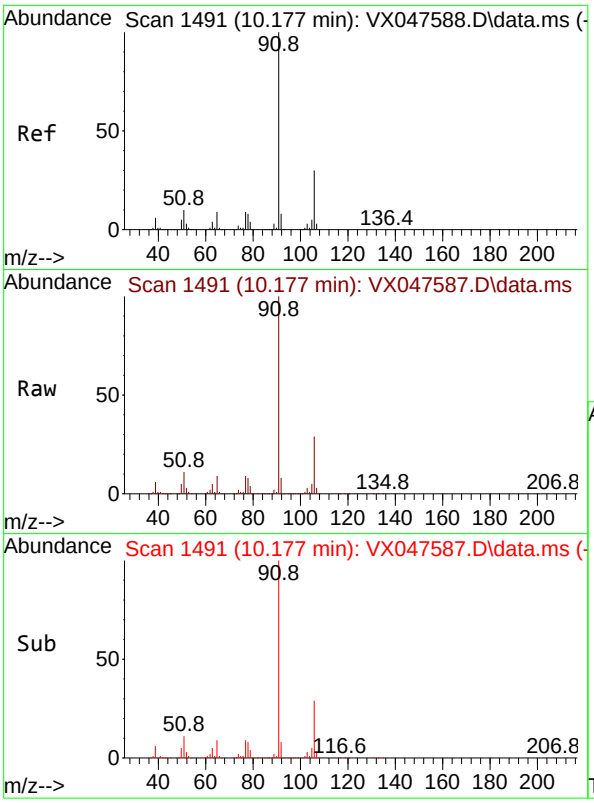


#66
1,1,1,2-Tetrachloroethane
Concen: 20.513 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:131 Resp: 48022

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	142.0
119	63.9	32.0	96.0





#67
Ethyl Benzene
Concen: 20.907 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 24473

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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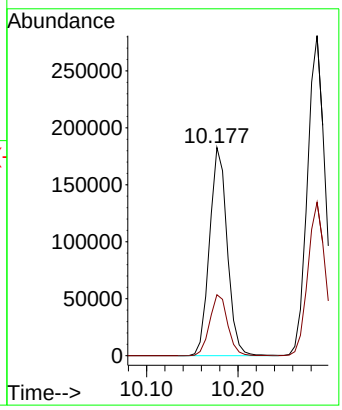
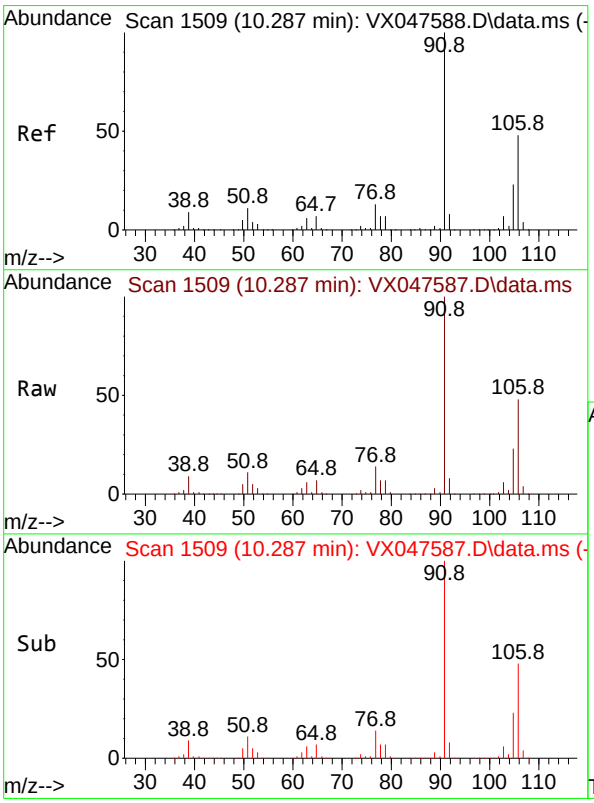
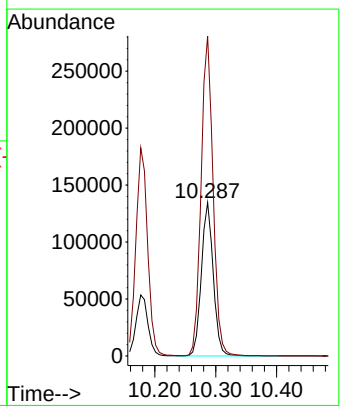


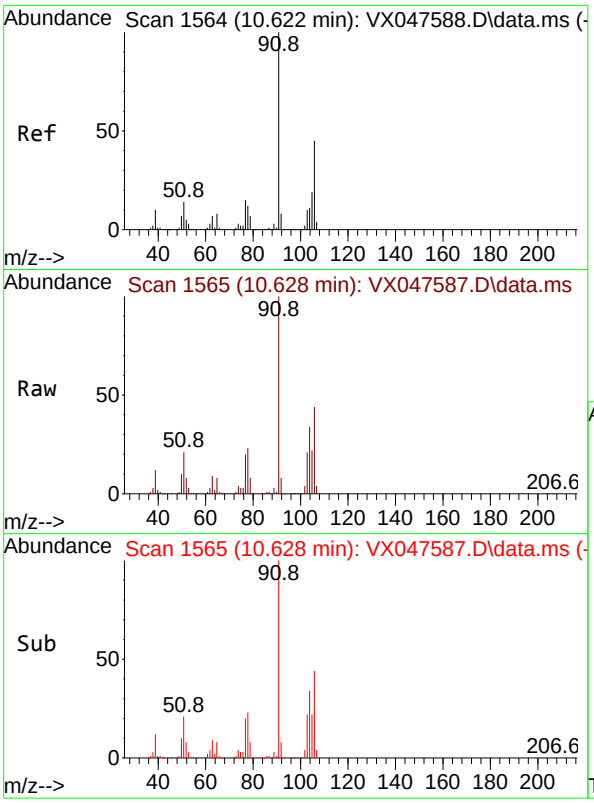


#68
m/p-Xylenes
Concen: 41.951 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:106 Resp: 182778

Ion	Ratio	Lower	Upper
106	100		
91	210.2	167.8	251.8





#69
o-Xylene
Concen: 20.799 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:106 Resp: 8765

Ion	Ratio	Lower	Upper
106	100		
91	225.3	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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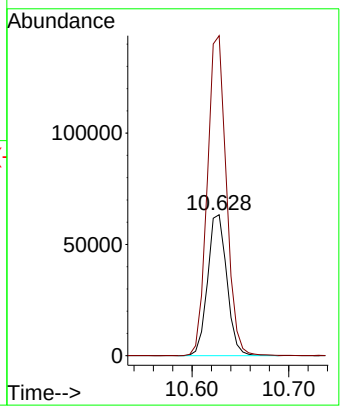
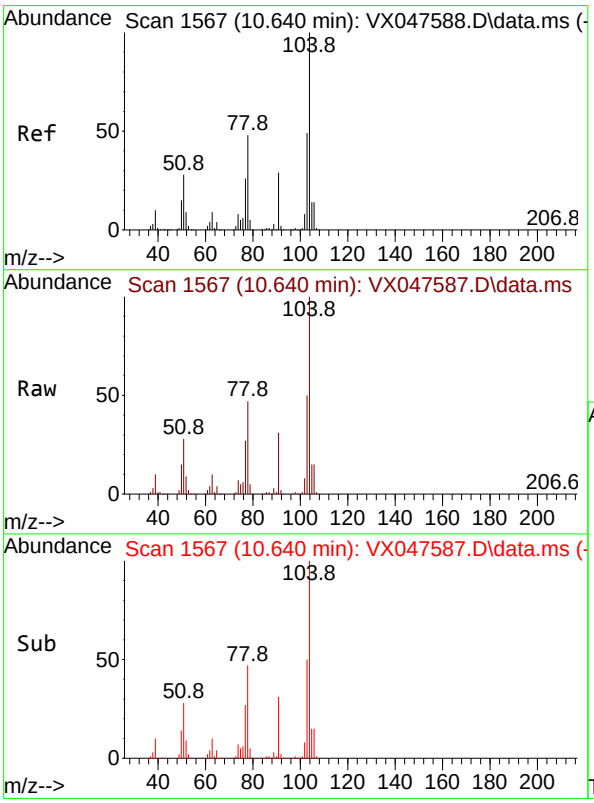
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

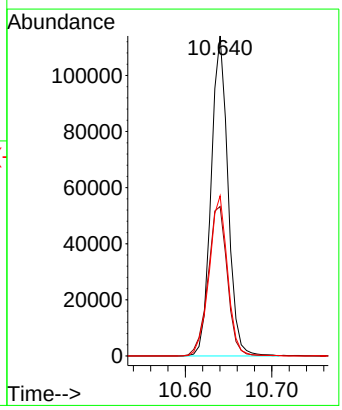


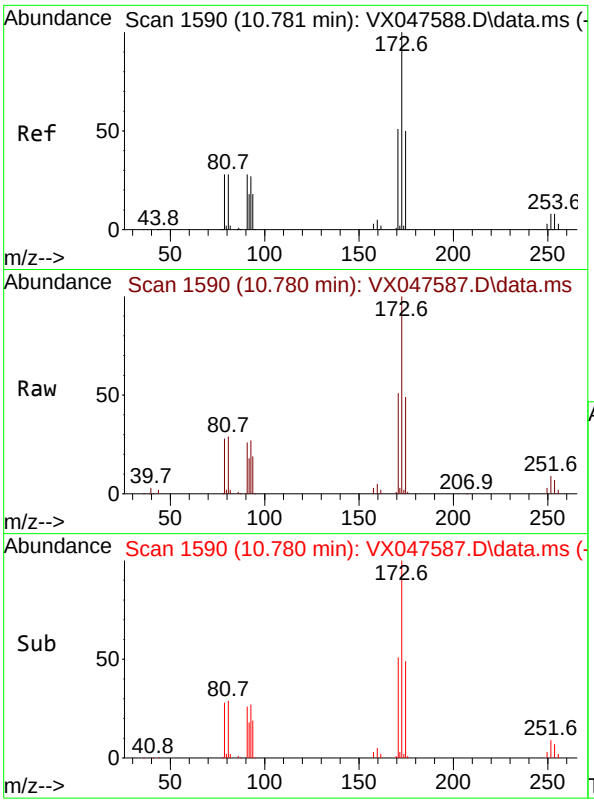


#70
Styrene
Concen: 20.866 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:104 Resp: 154077

Ion	Ratio	Lower	Upper
104	100		
78	53.6	43.1	64.7
103	54.4	43.1	64.7

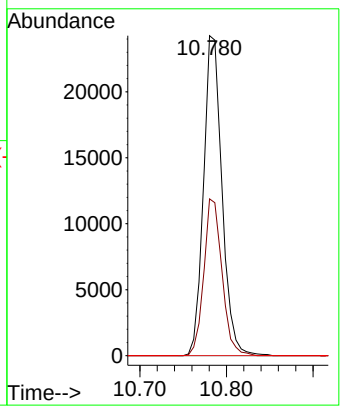




#71
Bromoform
Concen: 20.550 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:173 Resp: 3592

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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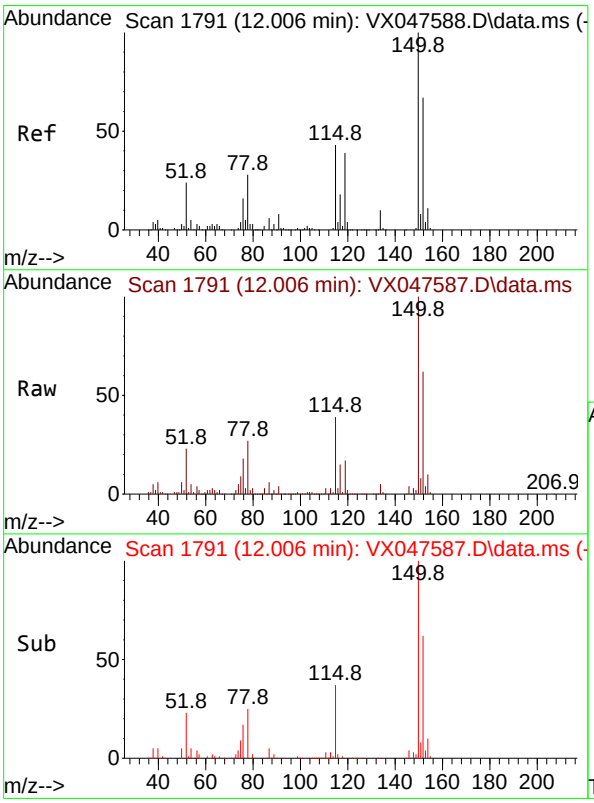
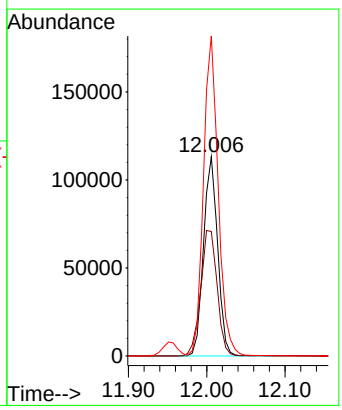
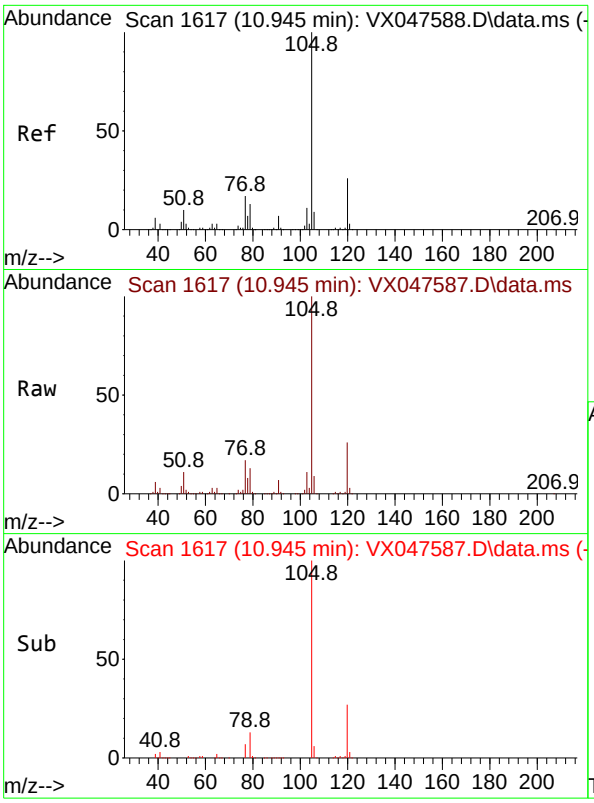


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:152 Resp: 141590

Ion	Ratio	Lower	Upper
152	100		
115	73.2	44.9	134.5
150	167.1	0.0	352.0





#73
Isopropylbenzene
Concen: 20.970 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 22573

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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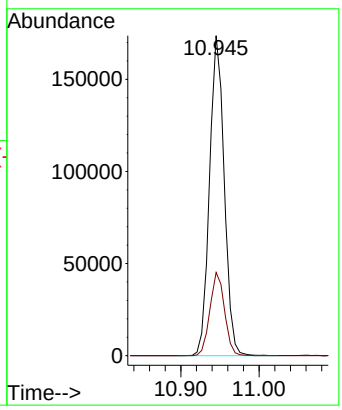
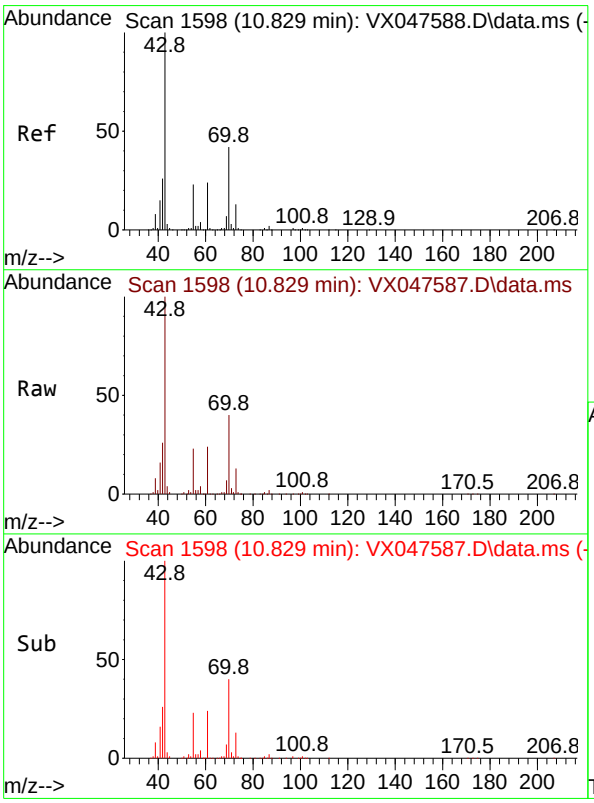
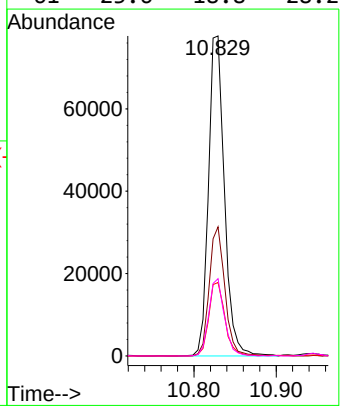


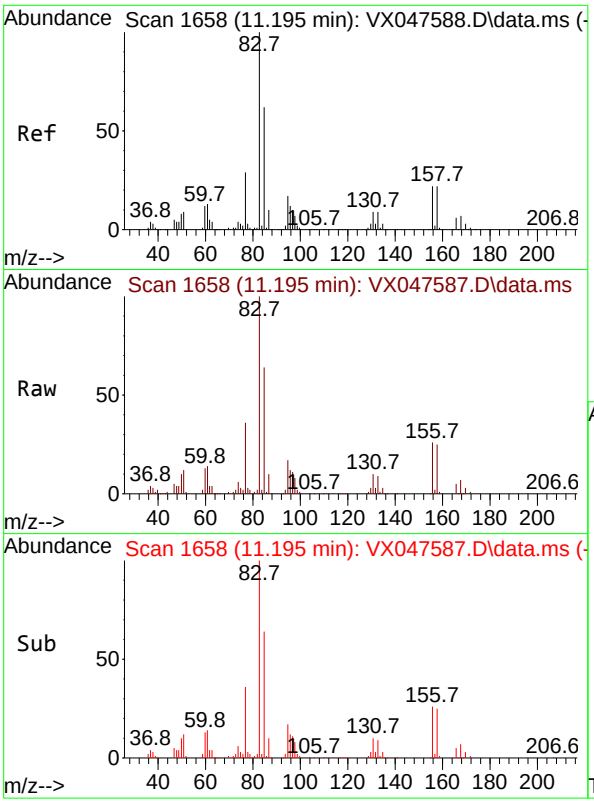


#74
N-amyl acetate
Concen: 21.354 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 104823

Ion	Ratio	Lower	Upper
43	100		
70	39.8	32.0	48.0
55	23.4	18.9	28.3
61	23.6	18.8	28.2

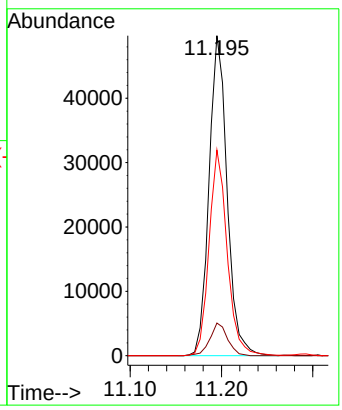




#75
1,1,2,2-Tetrachloroethane
Concen: 20.920 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 6813

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.4	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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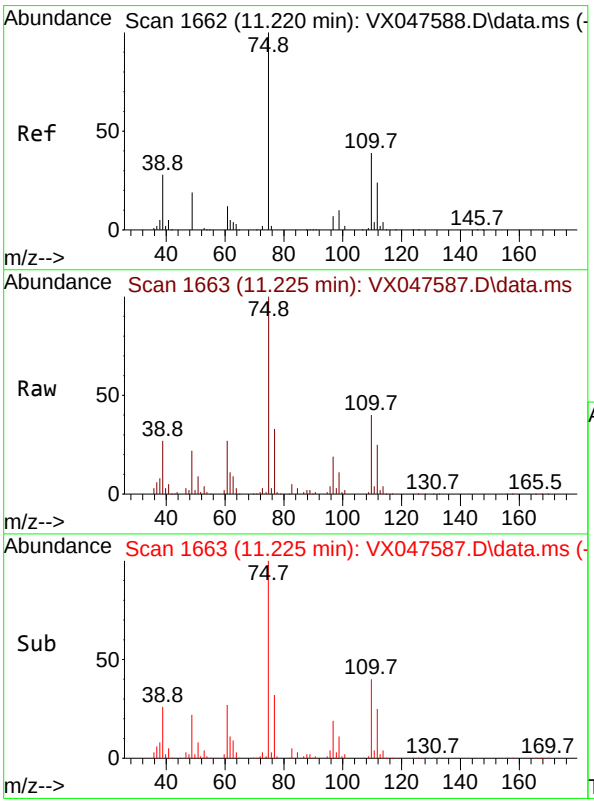
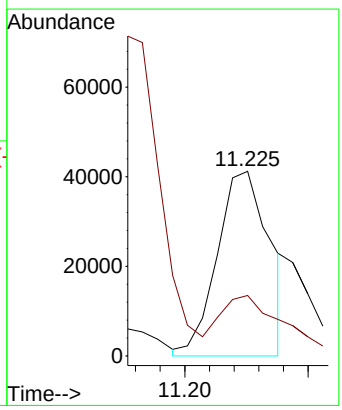
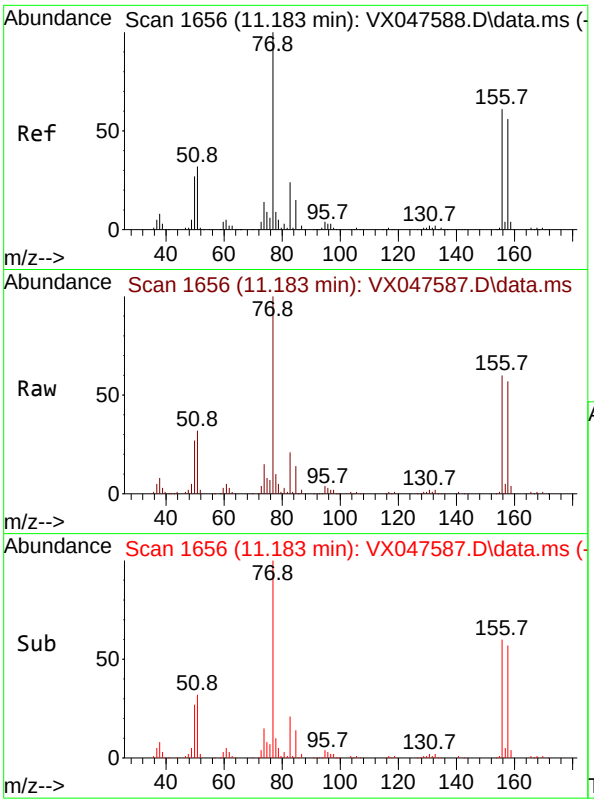


#76
1,2,3-Trichloropropane
Concen: 20.680 ug/l m
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 60797

Ion	Ratio	Lower	Upper
75	100		
77	39.6	18.8	56.4

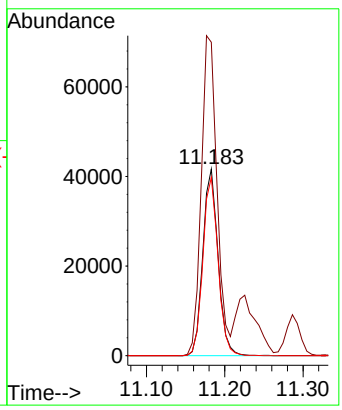




#77
Bromobenzene
Concen: 21.183 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:156 Resp: 5616

Ion	Ratio	Lower	Upper
156	100		
77	177.4	89.7	269.1
158	95.2	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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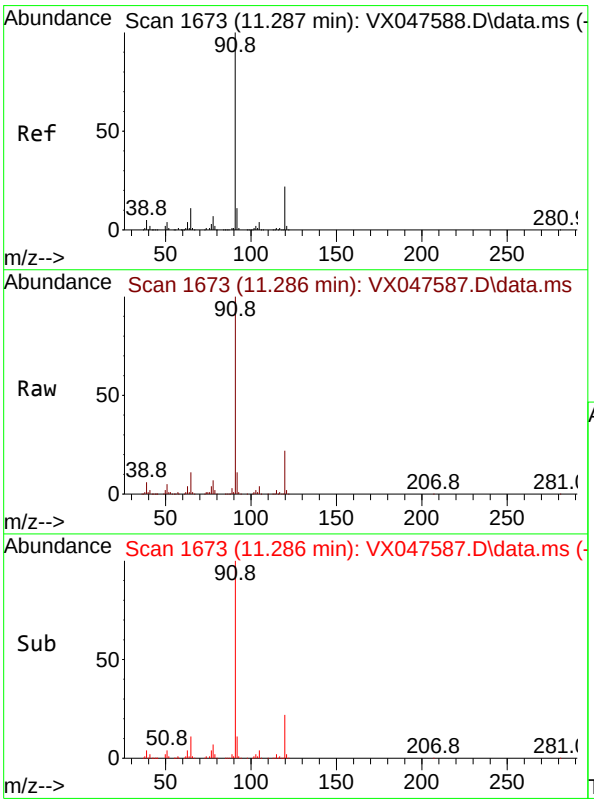
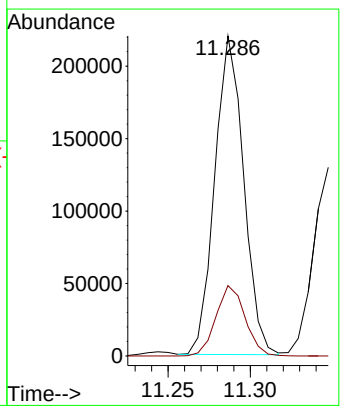
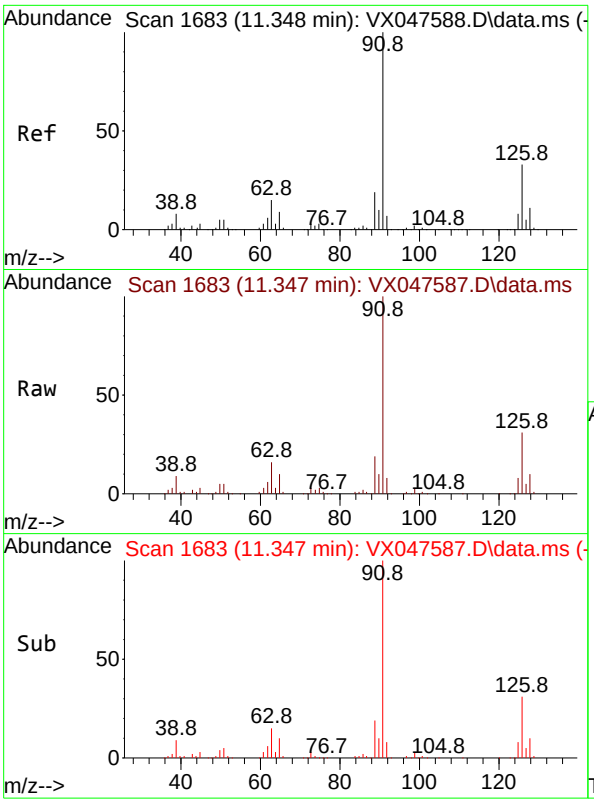


#78
n-propylbenzene
Concen: 21.092 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 268399

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1





#79
2-Chlorotoluene
Concen: 21.329 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 16623

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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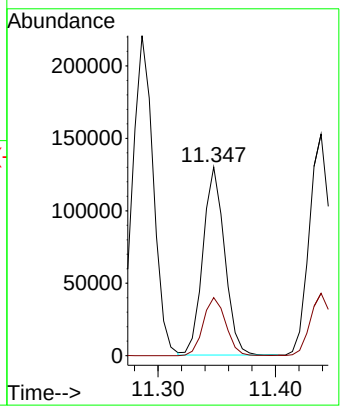
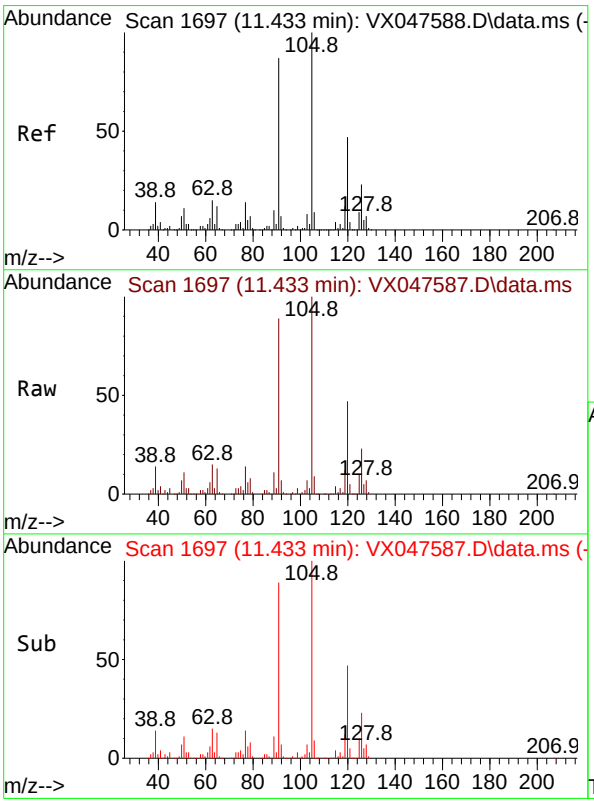
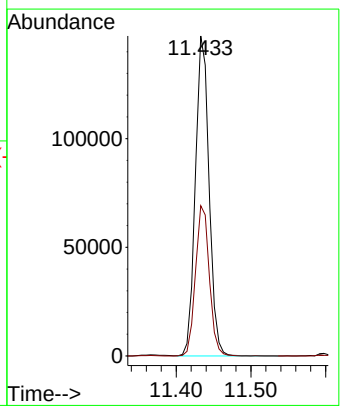


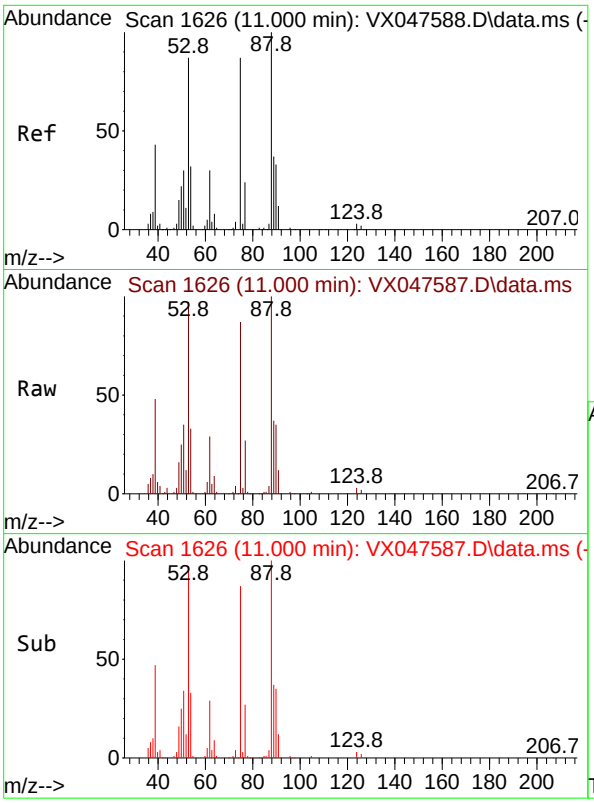


#80
1,3,5-Trimethylbenzene
Concen: 21.202 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 187513

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.173 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 2155

Ion	Ratio	Lower	Upper
75	100		
53	109.1	83.4	125.2
89	47.6	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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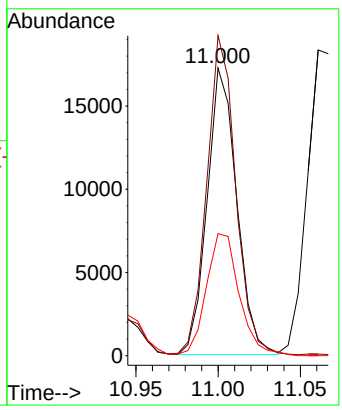
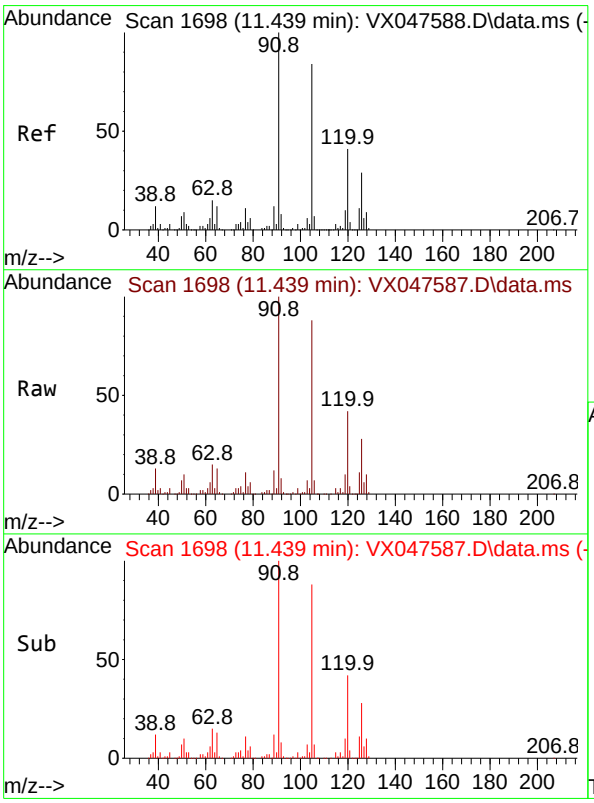
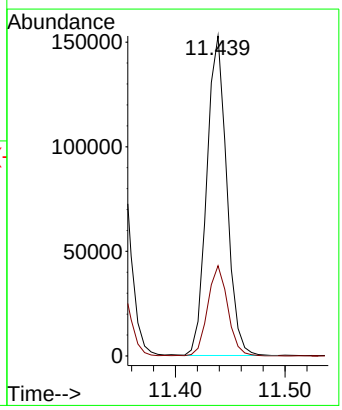


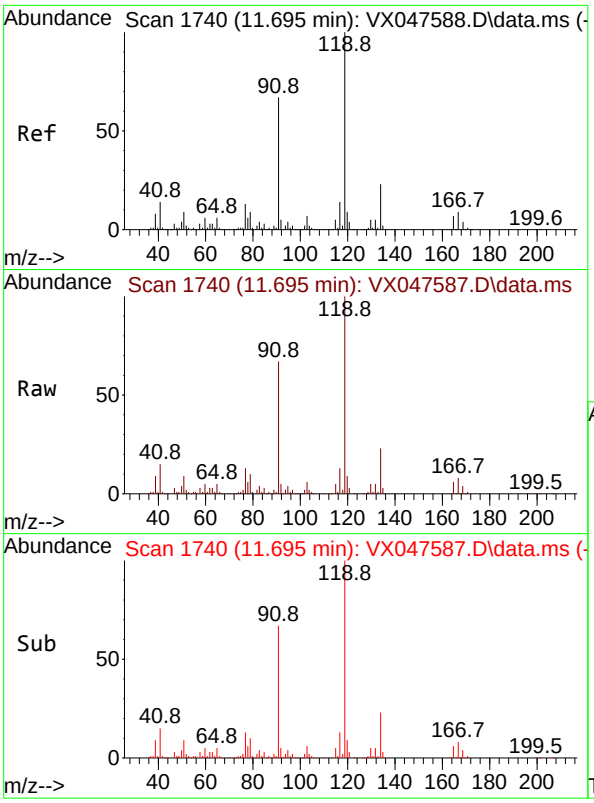


#82
4-Chlorotoluene
Concen: 20.980 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 193122

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6

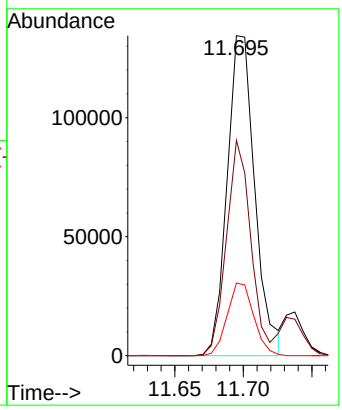




#83
tert-Butylbenzene
Concen: 20.929 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:119 Resp: 18948

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	21.8	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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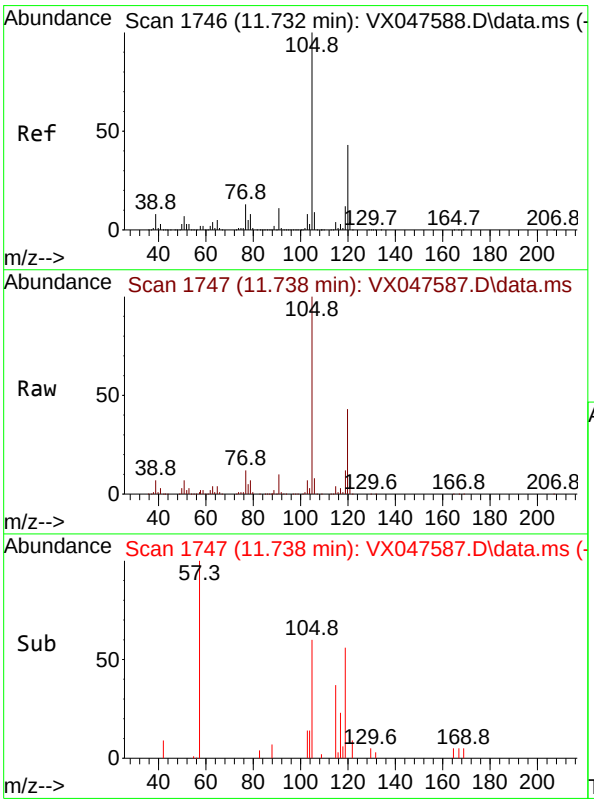
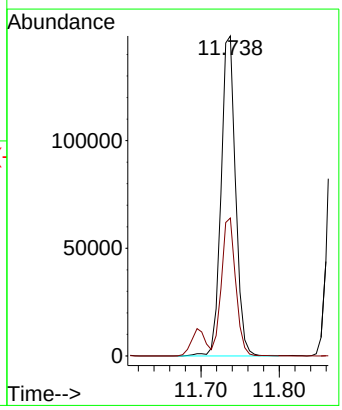
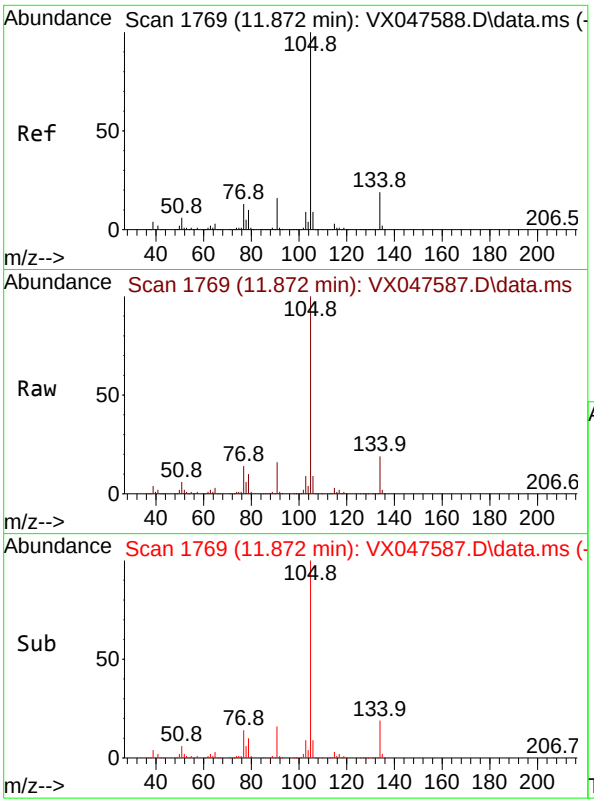


#84
1,2,4-Trimethylbenzene
Concen: 21.355 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 191477

Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.1	66.1

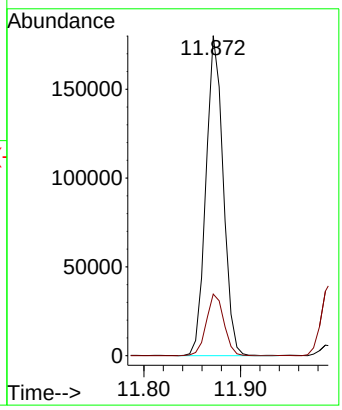




#85
sec-Butylbenzene
Concen: 20.777 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 22343

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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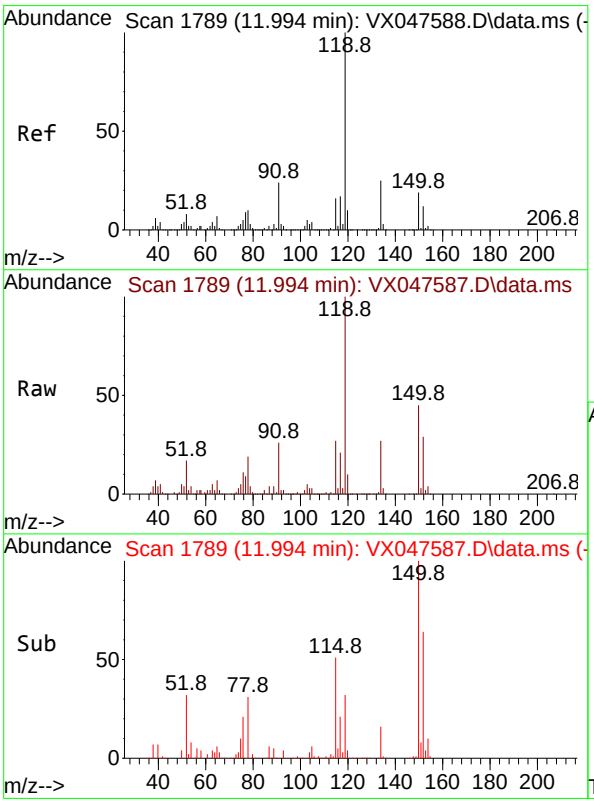
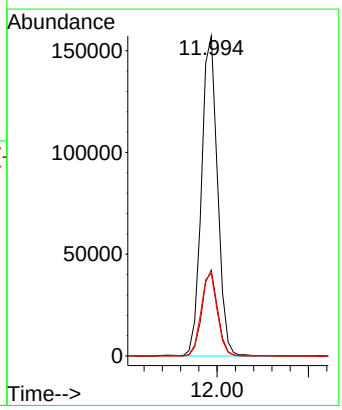
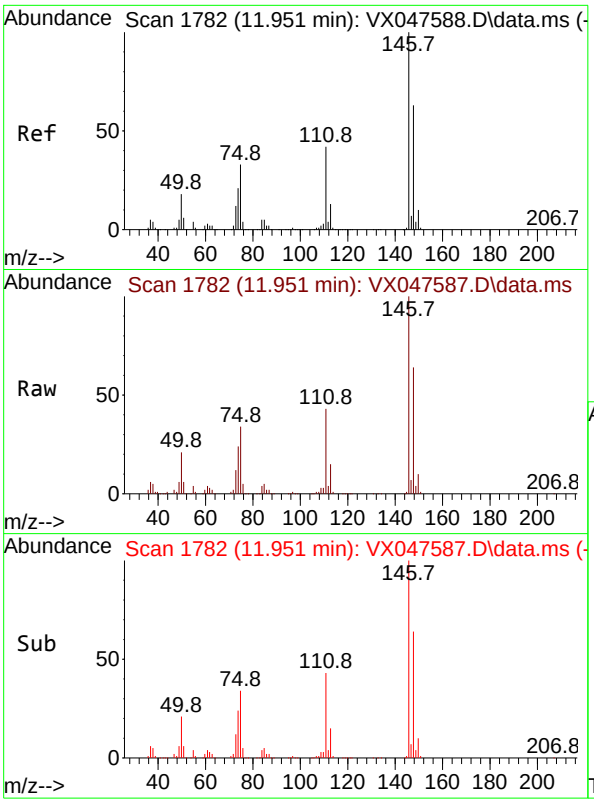


#86
p-Isopropyltoluene
Concen: 20.972 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:119 Resp: 190931

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.8
91	26.2	12.6	37.6

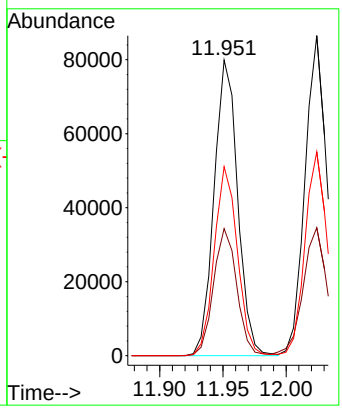




#87
1,3-Dichlorobenzene
Concen: 21.035 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 10358

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	62.7	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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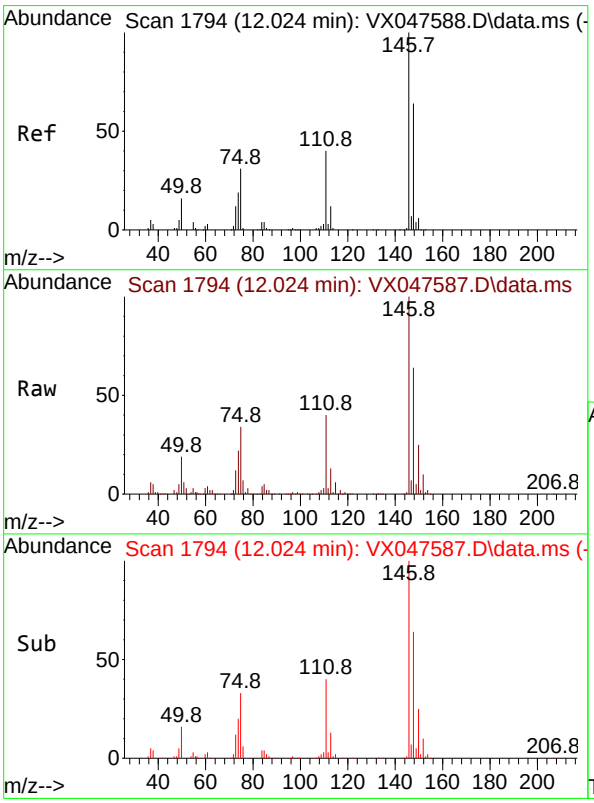
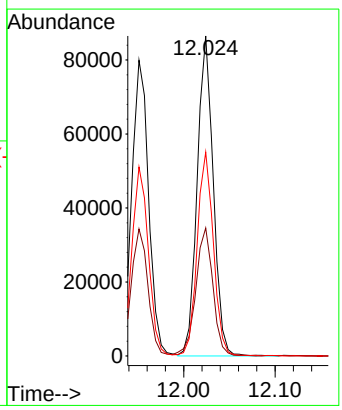
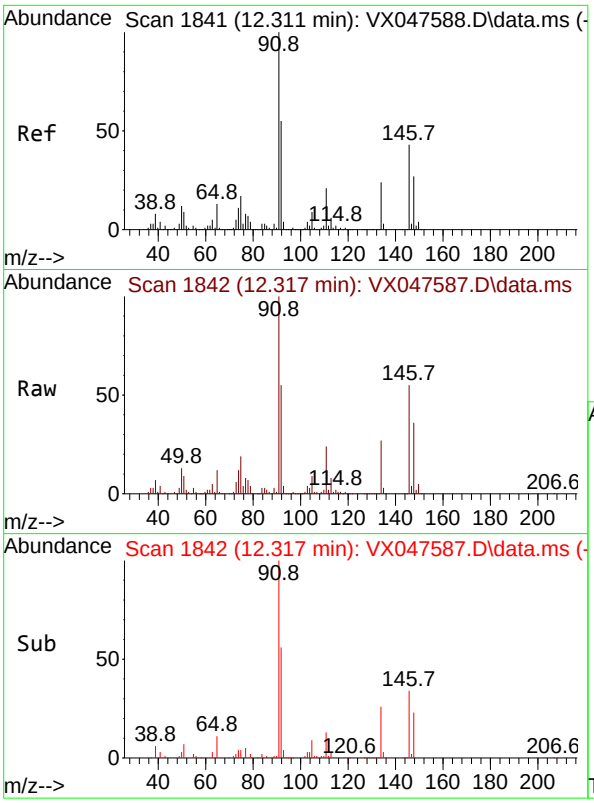


#88
1,4-Dichlorobenzene
Concen: 20.937 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 105819

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.8	62.4
148	64.4	31.7	95.1

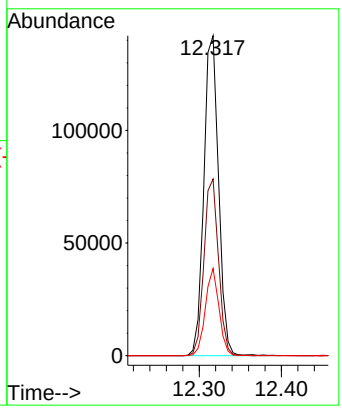




#89
n-Butylbenzene
Concen: 20.937 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 17637

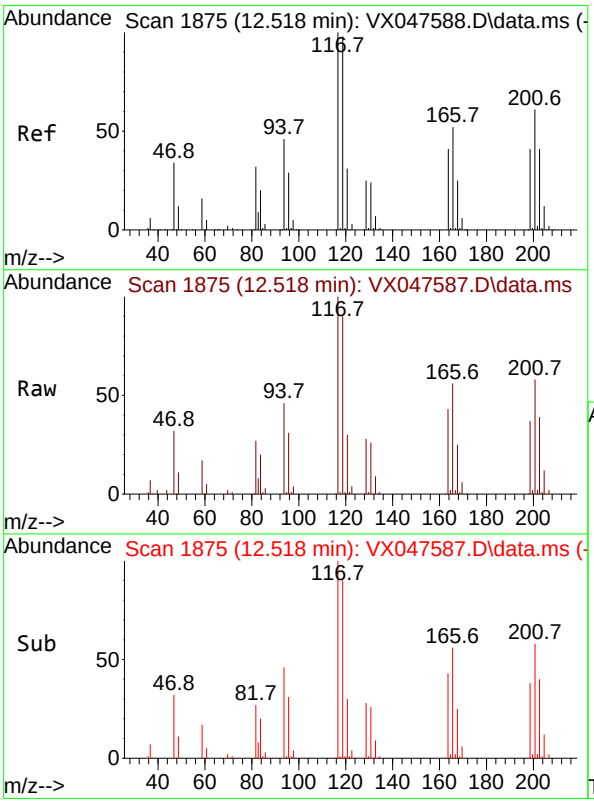
Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	25.3	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

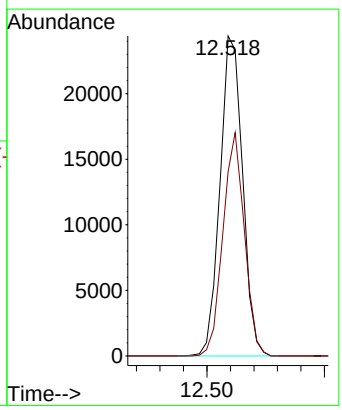
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

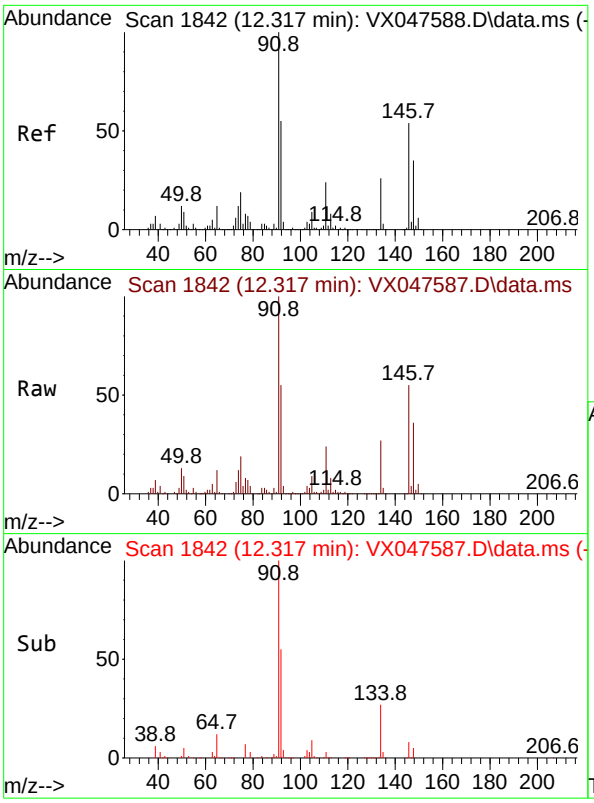


#90
Hexachloroethane
Concen: 20.349 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 32526

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5

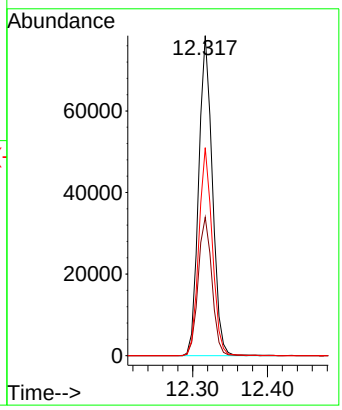




#91
1,2-Dichlorobenzene
Concen: 21.207 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 9949

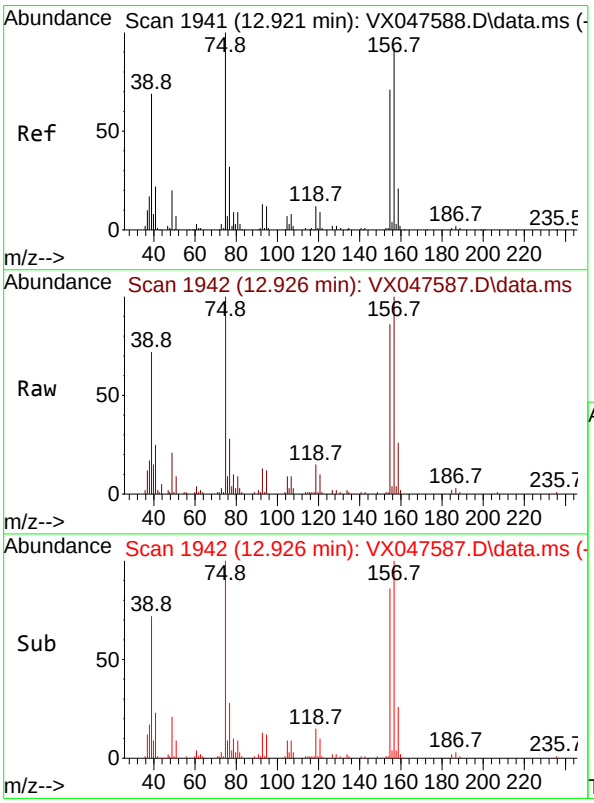
Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.2	66.6
148	63.9	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

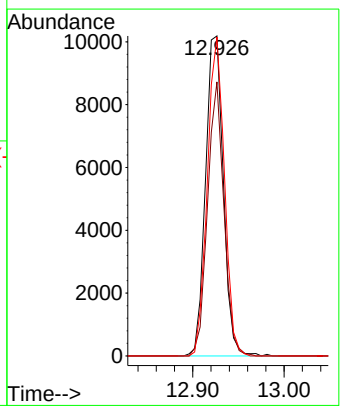
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

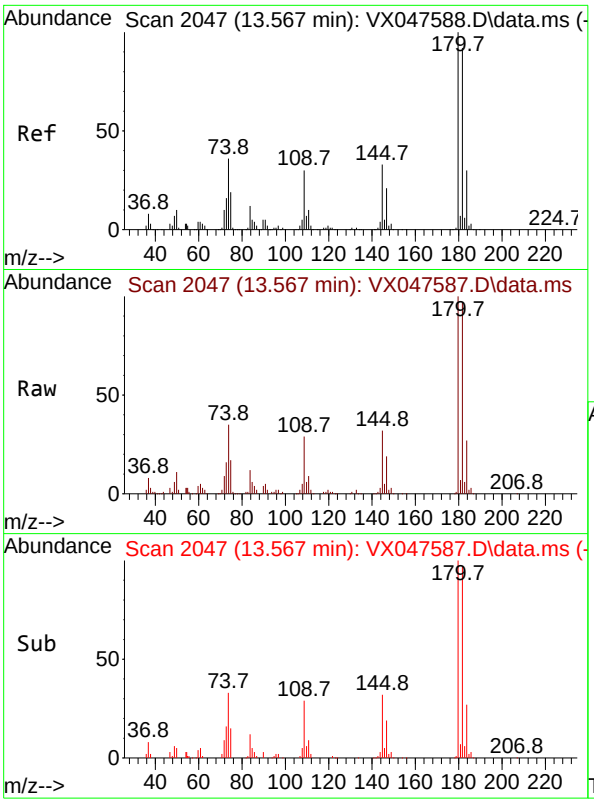


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.821 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 13729

Ion	Ratio	Lower	Upper
75	100		
155	78.8	37.7	113.1
157	95.9	49.8	149.4





#93
1,2,4-Trichlorobenzene
Concen: 20.571 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

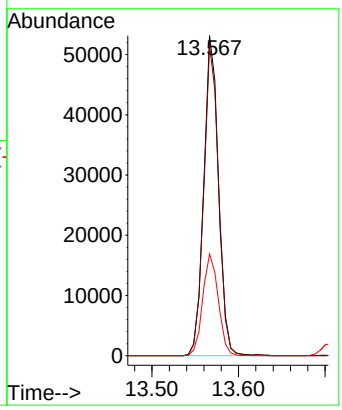
Tgt Ion:180 Resp: 6272

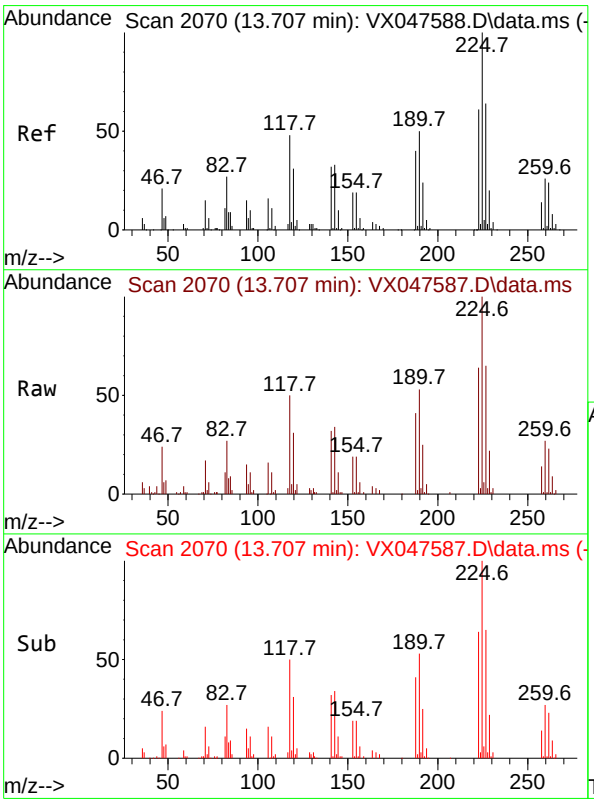
Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.6	139.8
145	33.4	16.4	49.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

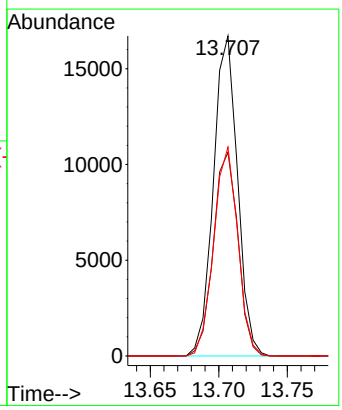


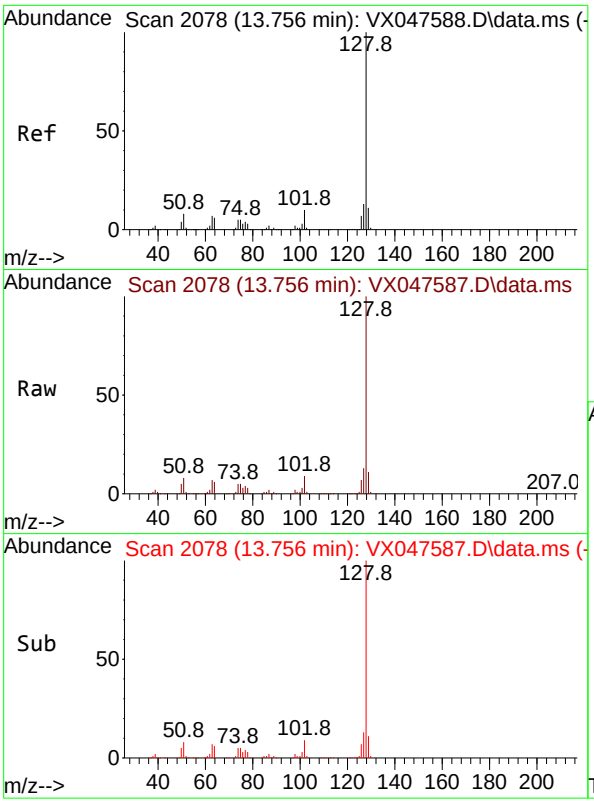


#94
Hexachlorobutadiene
Concen: 19.751 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:225 Resp: 20456

Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.7	95.1
227	65.1	32.0	96.0

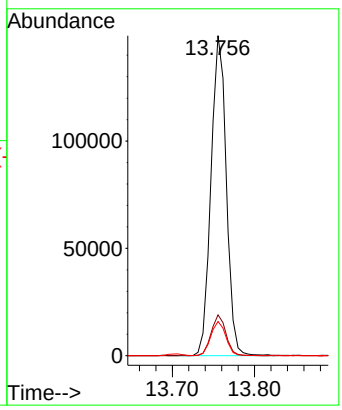




#95
Naphthalene
Concen: 20.801 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:128 Resp: 19313

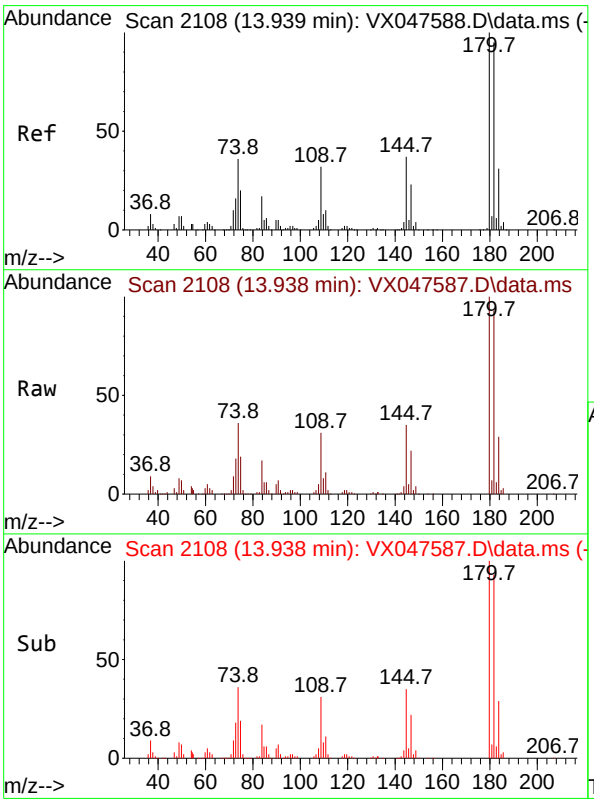
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.5	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

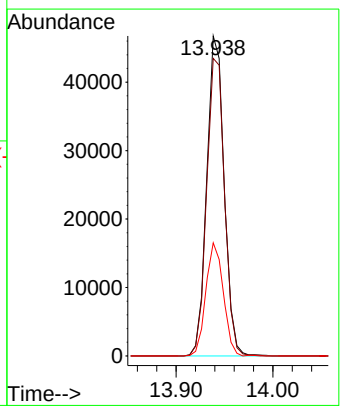
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.593 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:180 Resp: 58409

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	35.5	17.9	53.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	173407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	307383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	133606	48.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.800%			
35) Dibromofluoromethane	5.373	113	101627	49.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.600%			
50) Toluene-d8	8.635	98	352578	49.428	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.061	95	131217	48.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	86824	48.352	ug/l	100
3) Chloromethane	1.301	50	114682	48.594	ug/l	100
4) Vinyl Chloride	1.380	62	114666	49.635	ug/l	100
5) Bromomethane	1.618	94	73561	50.216	ug/l	100
6) Chloroethane	1.697	64	76736	49.698	ug/l	100
7) Trichlorofluoromethane	1.898	101	172561	50.307	ug/l	100
8) Diethyl Ether	2.136	74	70874	50.510	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	101178	50.445	ug/l	100
10) Methyl Iodide	2.459	142	158046	50.525	ug/l	100
11) Tert butyl alcohol	2.941	59	77232	251.232	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104724	50.831	ug/l	100
13) Acrolein	2.239	56	70721	249.645	ug/l	100
14) Allyl chloride	2.666	41	210001	49.396	ug/l	100
15) Acrylonitrile	3.063	53	300642	264.027	ug/l	100
16) Acetone	2.374	43	275065	229.193	ug/l	100
17) Carbon Disulfide	2.520	76	271480	48.133	ug/l	100
18) Methyl Acetate	2.703	43	151968	56.897	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	389607	51.804	ug/l	100
20) Methylene Chloride	2.788	84	126506	49.798	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	112553	50.743	ug/l	100
22) Diisopropyl ether	3.758	45	429524	52.131	ug/l	100
23) Vinyl Acetate	3.715	43	1726735	261.852	ug/l	100
24) 1,1-Dichloroethane	3.605	63	224824	51.338	ug/l	100
25) 2-Butanone	4.538	43	380335	254.060	ug/l	100
26) 2,2-Dichloropropane	4.465	77	185247	50.888	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	140105	51.576	ug/l	100
28) Bromochloromethane	4.891	49	99991	52.301	ug/l	100
29) Tetrahydrofuran	4.989	42	238677	265.026	ug/l	100
30) Chloroform	5.080	83	229430	51.844	ug/l	100
31) Cyclohexane	5.458	56	178546	48.952	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	195407	52.058	ug/l	100
36) 1,1-Dichloropropene	5.684	75	149800	49.729	ug/l	100
37) Ethyl Acetate	4.702	43	163482	50.687	ug/l	100
38) Carbon Tetrachloride	5.672	117	165730	50.637	ug/l	100
39) Methylcyclohexane	7.367	83	173610	50.773	ug/l	100
40) Benzene	6.025	78	468136	51.167	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	87761	52.707	ug/l		100
42) 1,2-Dichloroethane	6.074	62	179037	51.431	ug/l		100
43) Isopropyl Acetate	6.324	43	275572	52.096	ug/l		100
44) Trichloroethene	7.111	130	113832	51.463	ug/l		100
45) 1,2-Dichloropropane	7.415	63	122109	52.122	ug/l		100
46) Dibromomethane	7.568	93	88505	51.914	ug/l		100
47) Bromodichloromethane	7.806	83	186540	53.025	ug/l		100
48) Methyl methacrylate	7.678	41	138167	52.438	ug/l		100
49) 1,4-Dioxane	7.647	88	29496	1107.698	ug/l		100
51) 4-Methyl-2-Pentanone	8.562	43	784978	267.650	ug/l		100
52) Toluene	8.702	92	288853	51.244	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	190282	53.027	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	200859	52.369	ug/l		100
55) 1,1,2-Trichloroethane	9.135	97	112837	51.915	ug/l		100
56) Ethyl methacrylate	9.104	69	184087	53.930	ug/l		100
57) 1,3-Dichloropropane	9.293	76	195989	52.492	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	418707	256.309	ug/l		100
59) 2-Hexanone	9.415	43	553313	262.683	ug/l		100
60) Dibromochloromethane	9.506	129	133737	53.401	ug/l		100
61) 1,2-Dibromoethane	9.592	107	116462	52.607	ug/l		100
64) Tetrachloroethene	9.257	164	88149	50.074	ug/l		100
65) Chlorobenzene	10.061	112	317982	51.833	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	111849	52.835	ug/l		100
67) Ethyl Benzene	10.177	91	550610	52.017	ug/l		100
68) m/p-Xylenes	10.287	106	412932	104.809	ug/l		100
69) o-Xylene	10.622	106	202291	53.084	ug/l		100
70) Styrene	10.640	104	350654	52.515	ug/l		100
71) Bromoform	10.781	173	84485	53.447	ug/l	#	100
73) Isopropylbenzene	10.945	105	516891	53.227	ug/l		100
74) N-amyl acetate	10.829	43	237846	53.710	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	156454	53.251	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	144074m	54.322	ug/l		
77) Bromobenzene	11.183	156	126174	52.754	ug/l		100
78) n-propylbenzene	11.287	91	612035	53.315	ug/l		100
79) 2-Chlorotoluene	11.348	91	372397	52.965	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	426989	53.518	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	52927	52.190	ug/l		100
82) 4-Chlorotoluene	11.439	91	438502	52.806	ug/l		100
83) tert-Butylbenzene	11.695	119	429107	52.539	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	427073	52.798	ug/l		100
85) sec-Butylbenzene	11.872	105	514442	53.029	ug/l		100
86) p-Isopropyltoluene	11.994	119	436704	53.172	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	232038	52.232	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	233975	51.316	ug/l		100
89) n-Butylbenzene	12.311	91	400997	52.766	ug/l		100
90) Hexachloroethane	12.518	117	75800	52.567	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	222993	52.688	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	32451	54.554	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	147670	53.685	ug/l		100
94) Hexachlorobutadiene	13.707	225	49061	52.510	ug/l		100
95) Naphthalene	13.756	128	452013	53.966	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	138978	54.316	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

ICAL Form

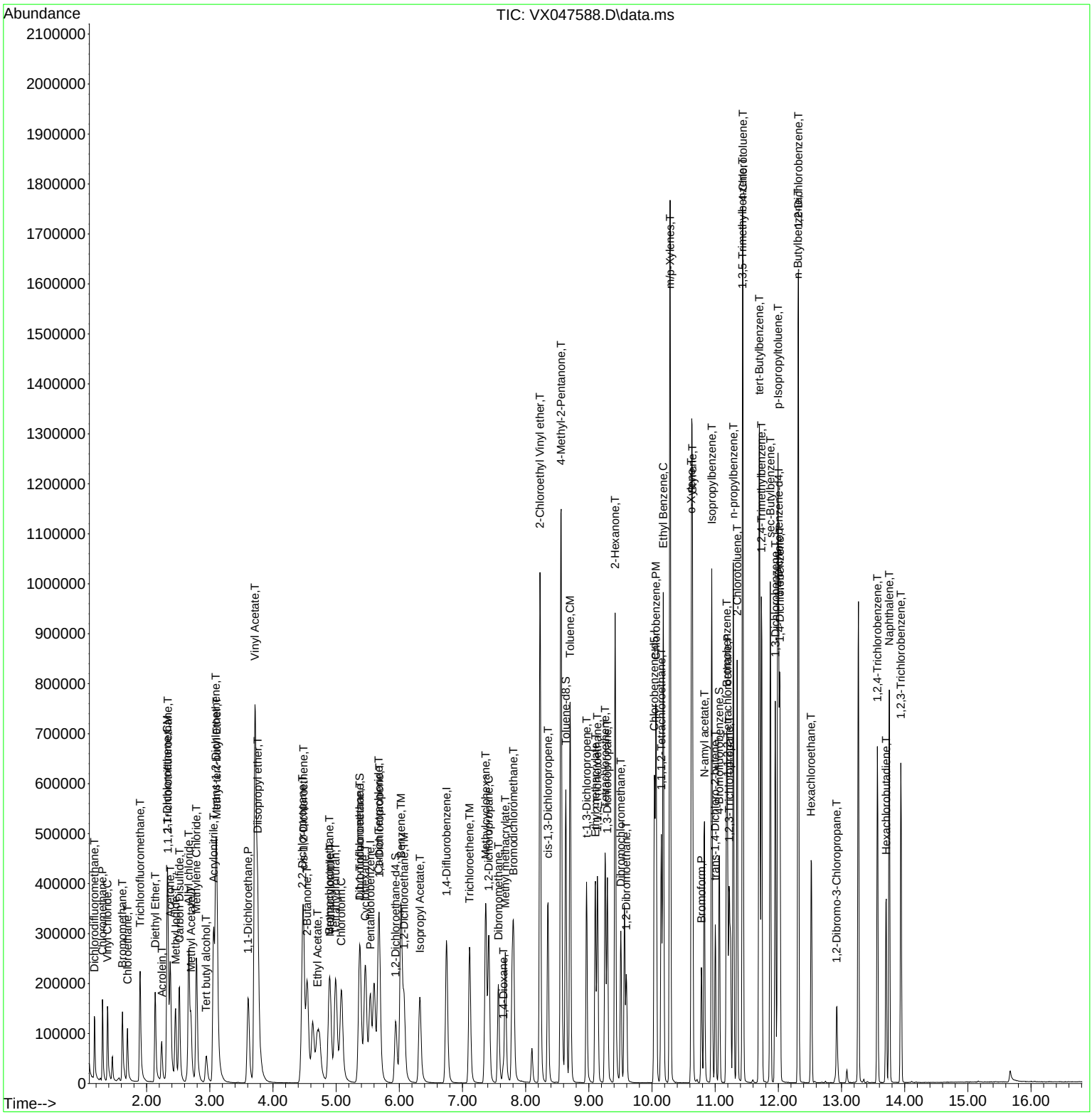
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

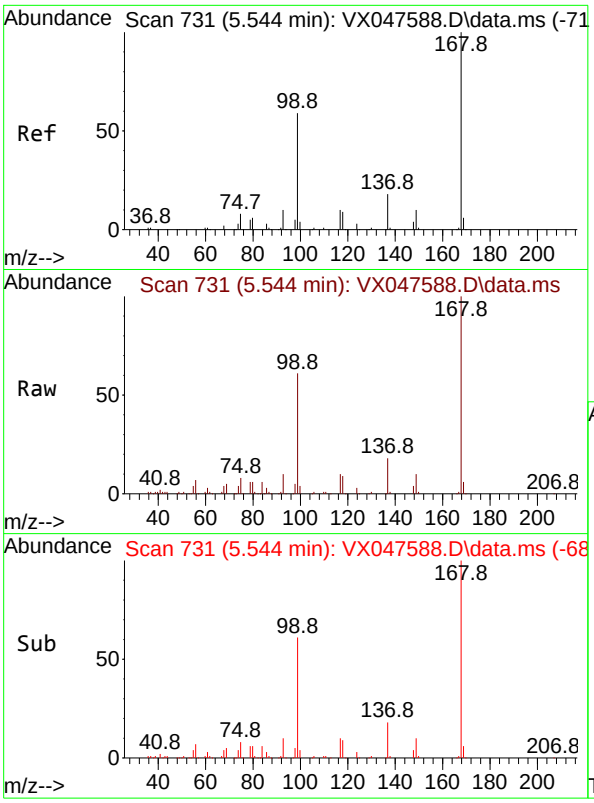
Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

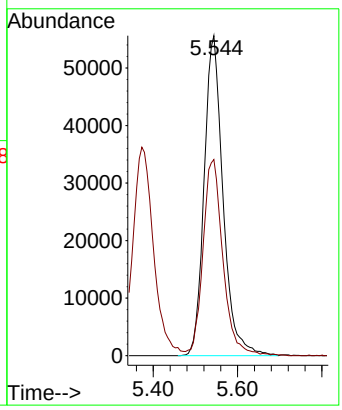




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:168 Resp: 17340

Ion	Ratio	Lower	Upper
168	100		
99	61.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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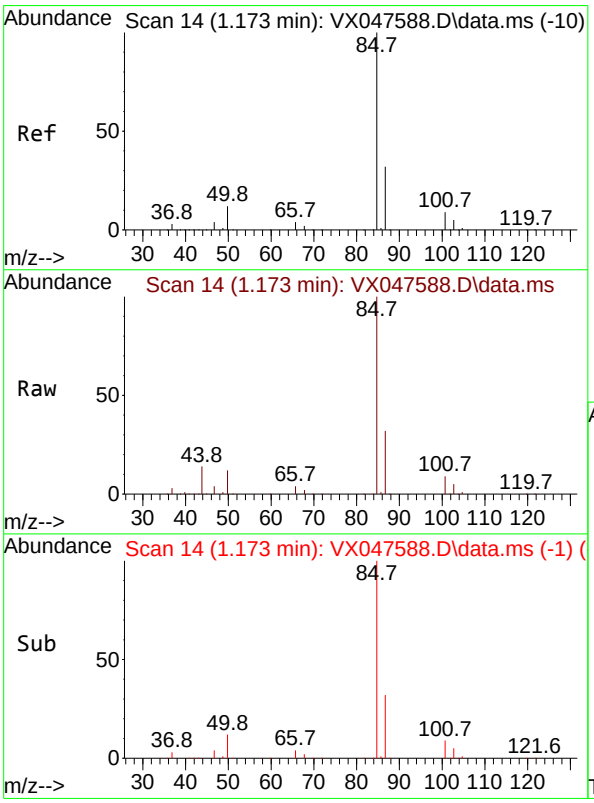
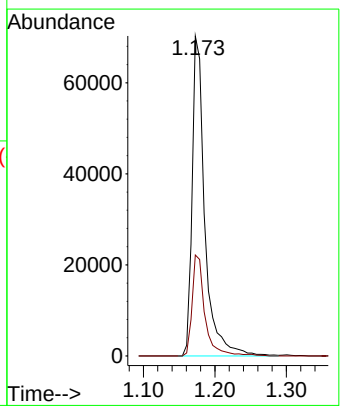
Supervised By :Mahesh Dadoda 09/18/2025

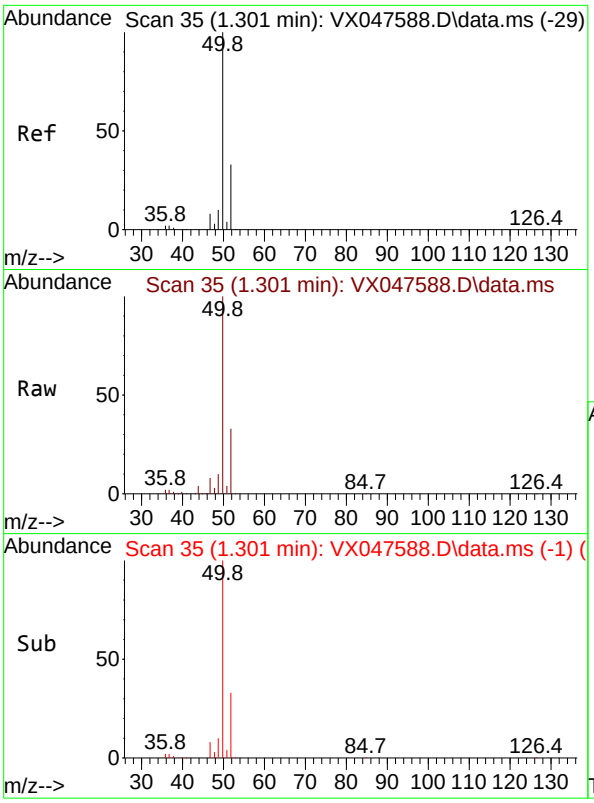


#2
Dichlorodifluoromethane
Concen: 48.352 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 85 Resp: 86824

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3

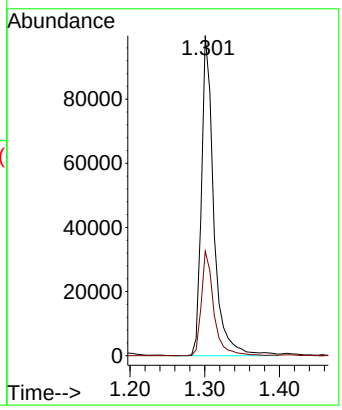




#3
Chloromethane
Concen: 48.594 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 50 Resp: 11468

Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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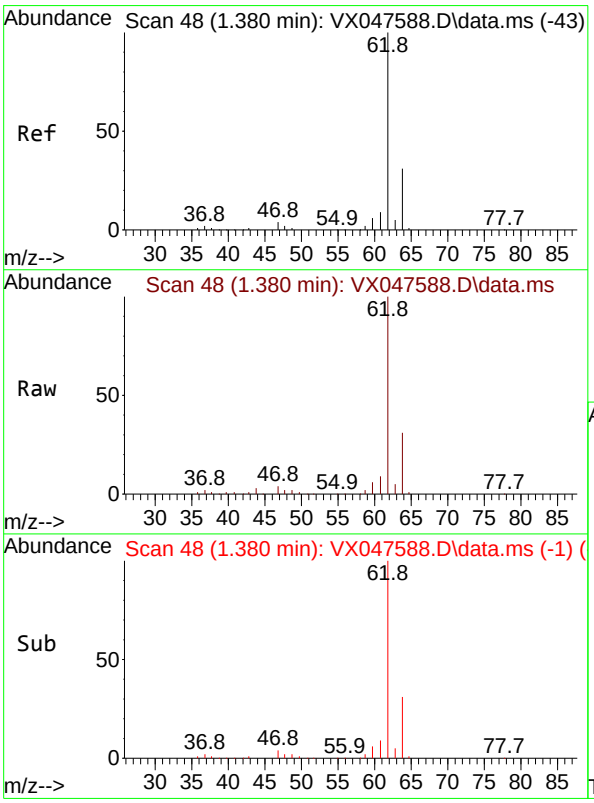
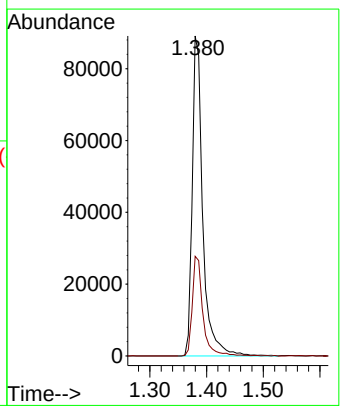
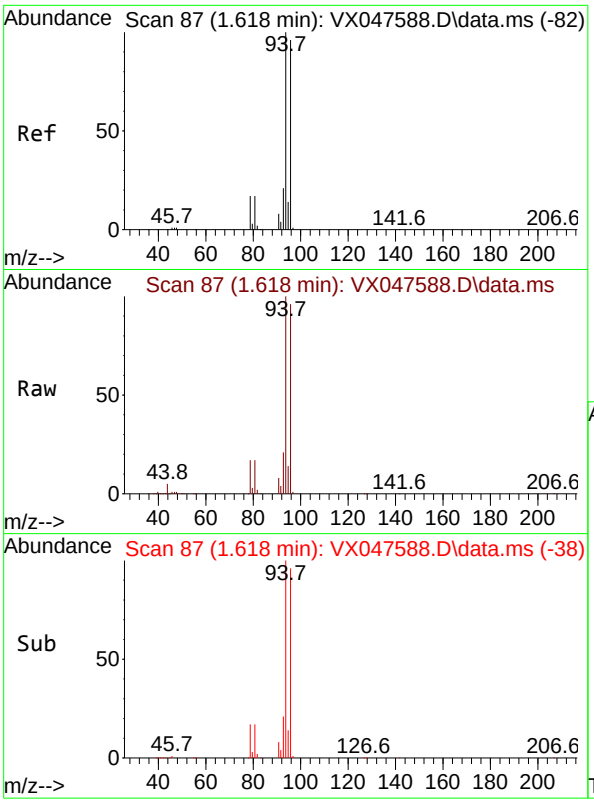


#4
Vinyl Chloride
Concen: 49.635 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 114666

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3

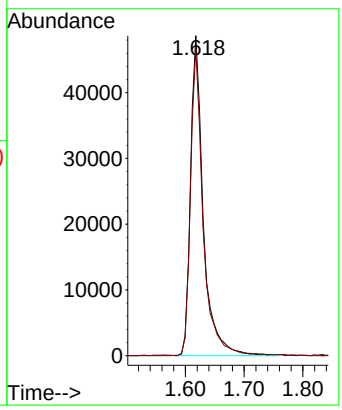




#5
Bromomethane
Concen: 50.216 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 94 Resp: 7356

Ion	Ratio	Lower	Upper
94	100		
96	95.8	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
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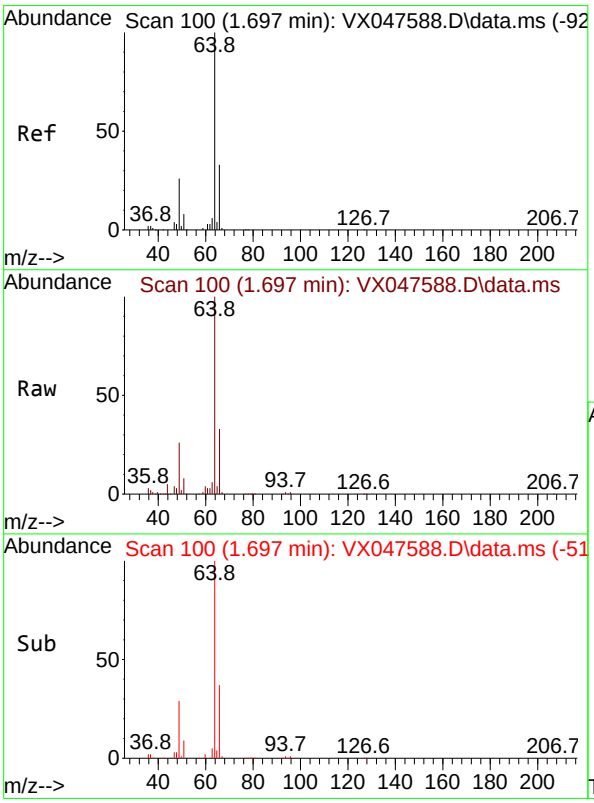
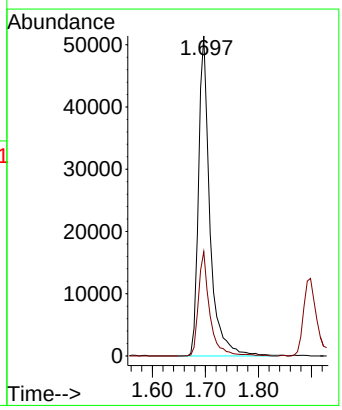
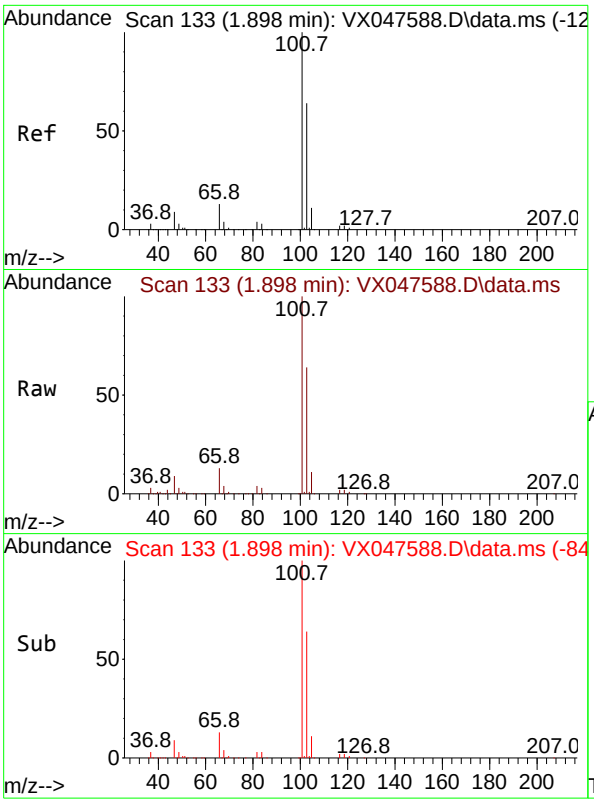


#6
Chloroethane
Concen: 49.698 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 64 Resp: 76736

Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.1	39.1

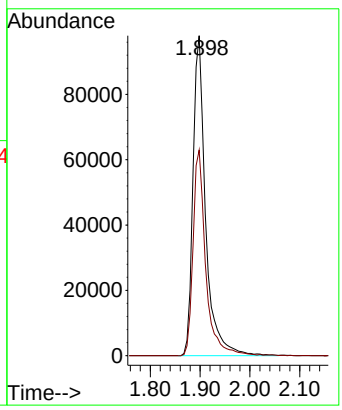




#7
Trichlorofluoromethane
Concen: 50.307 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:101 Resp: 17256

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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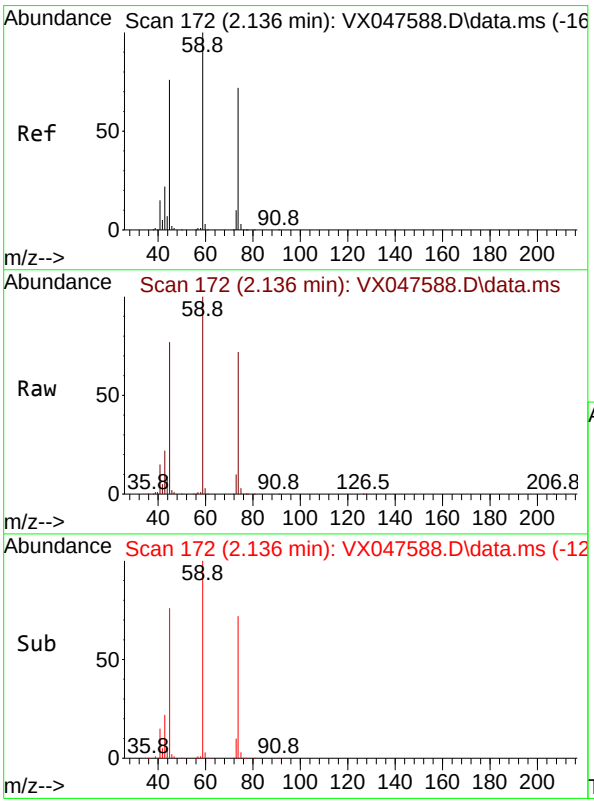
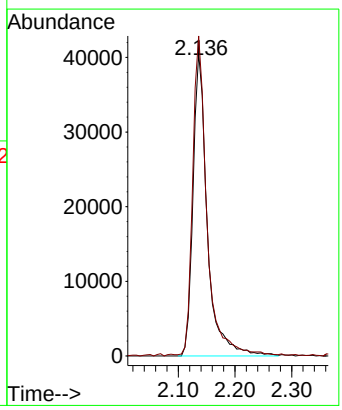
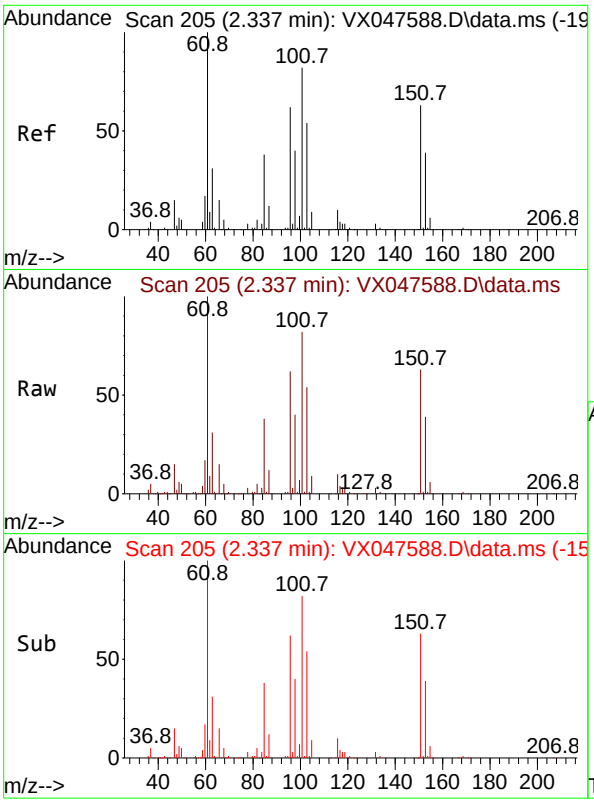


#8
Diethyl Ether
Concen: 50.510 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 74 Resp: 70874

Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.445 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:101 Resp: 10117

Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	74.2	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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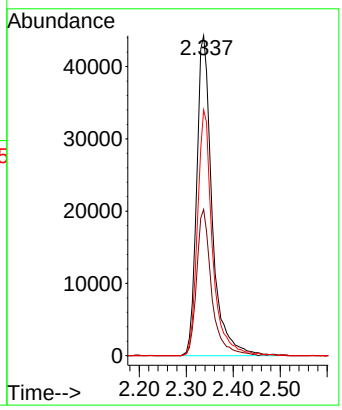
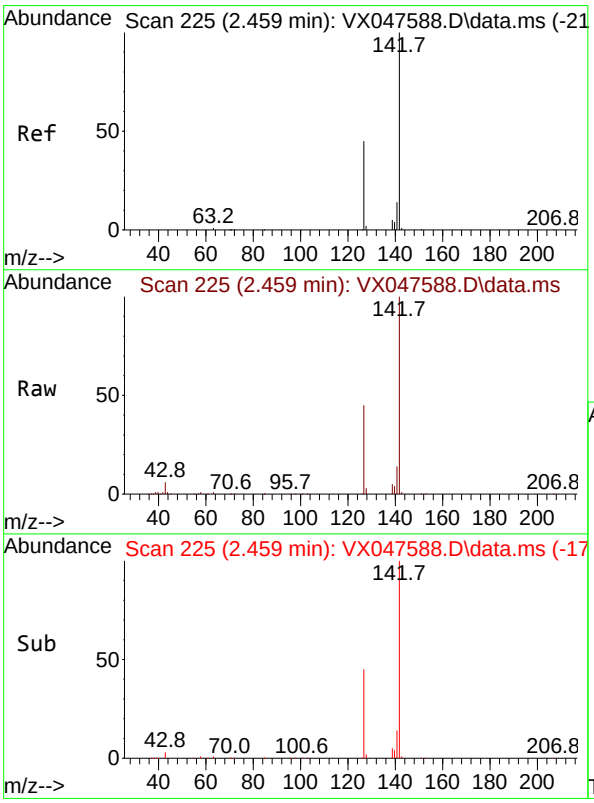
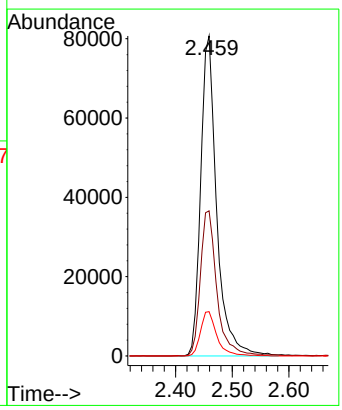


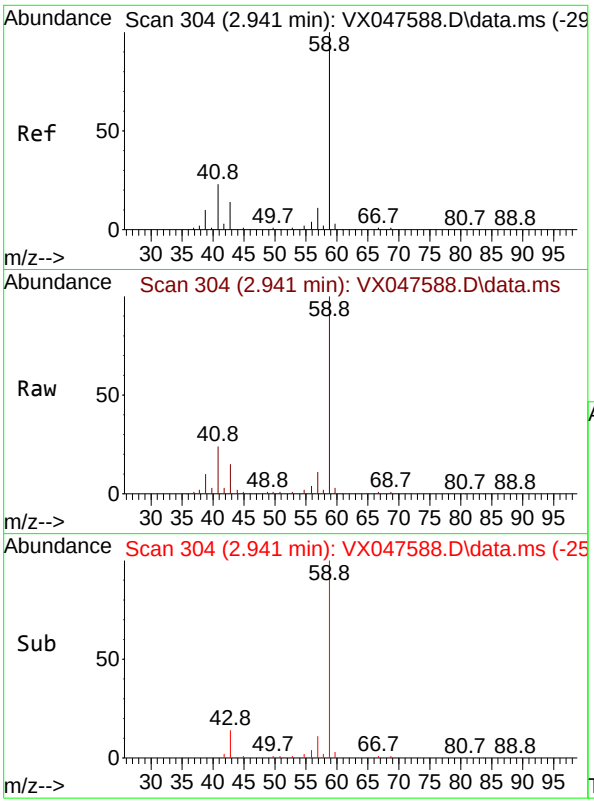


#10
Methyl Iodide
Concen: 50.525 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:142 Resp: 158046

Ion	Ratio	Lower	Upper
142	100		
127	46.5	37.2	55.8
141	14.2	11.4	17.0

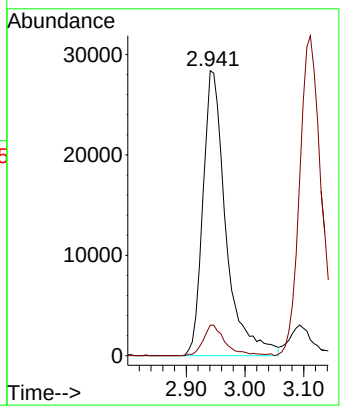




#11
Tert butyl alcohol
Concen: 251.232 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 59 Resp: 7723

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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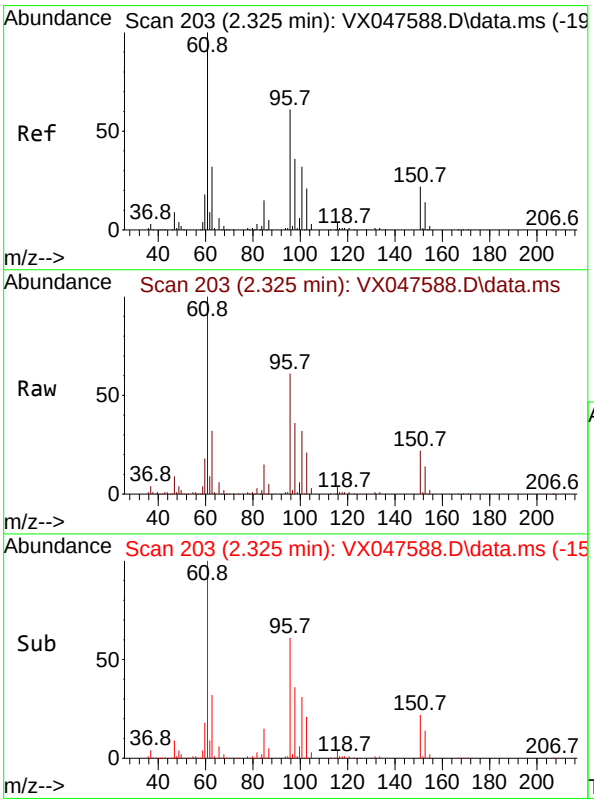
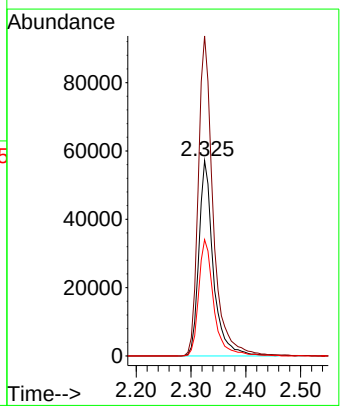
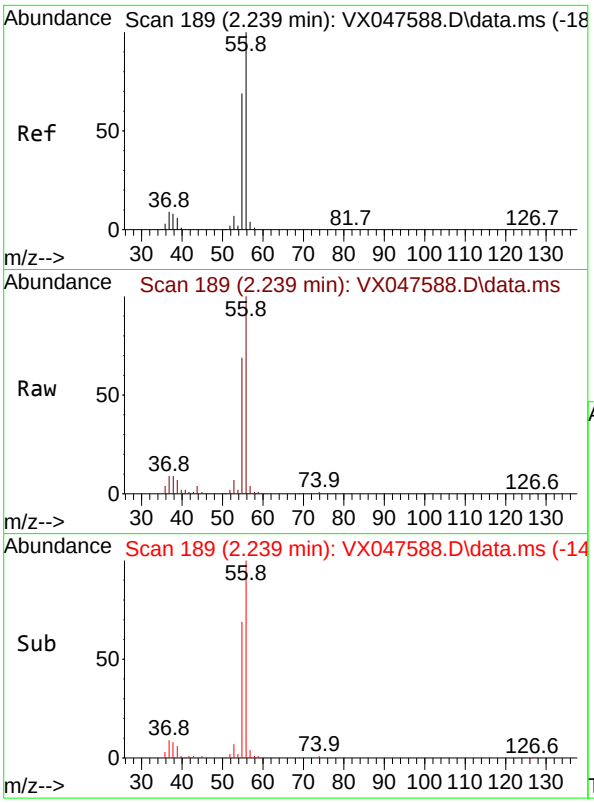


#12
1,1-Dichloroethene
Concen: 50.831 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 96 Resp: 104724

Ion	Ratio	Lower	Upper
96	100		
61	163.8	131.0	196.6
98	59.6	47.7	71.5





#13
Acrolein
Concen: 249.645 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 56 Resp: 7072

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8

Instrument :
MSVOA_X
ClientSampleId :
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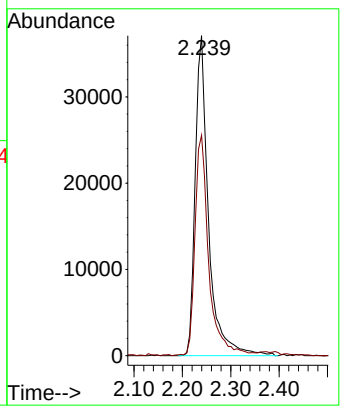
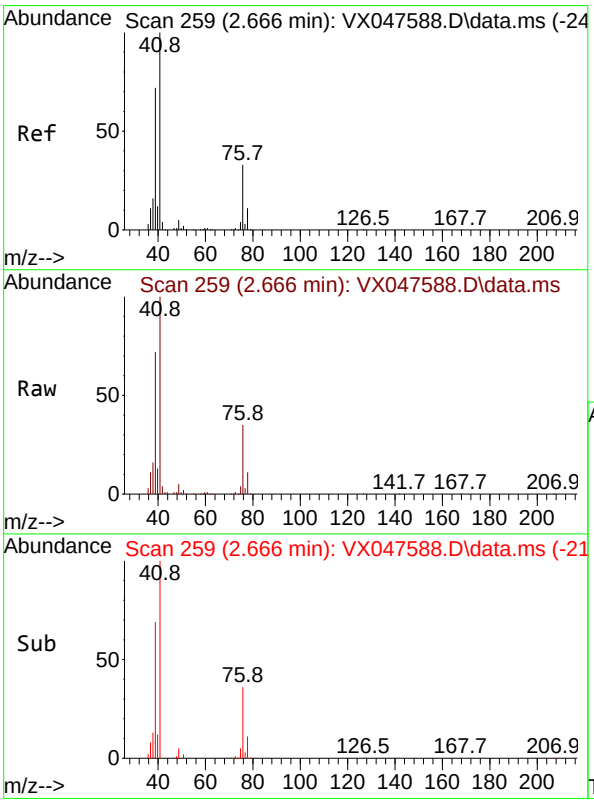
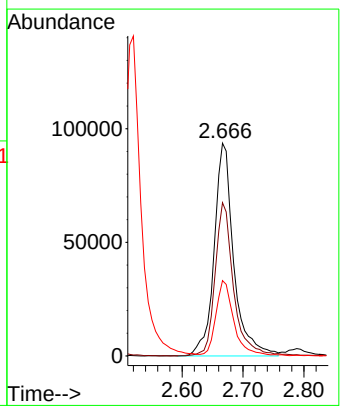


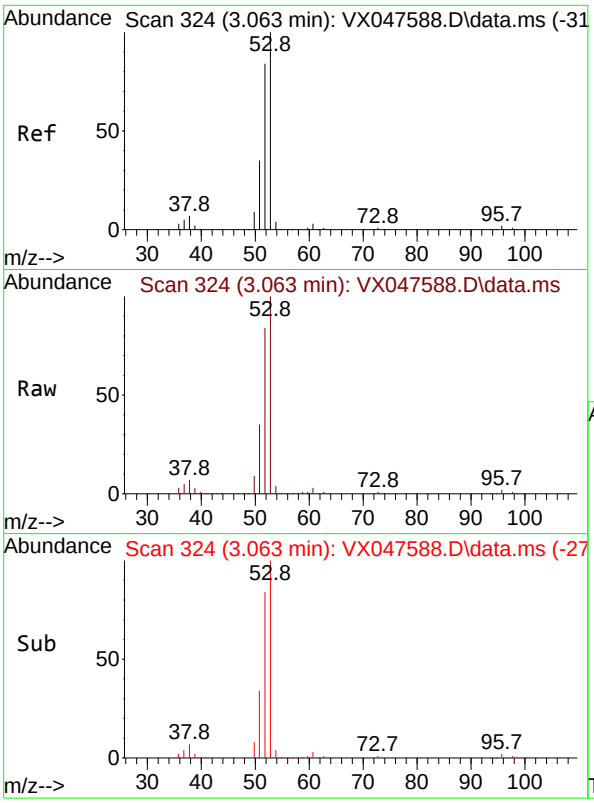


#14
Allyl chloride
Concen: 49.396 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 210001

Ion	Ratio	Lower	Upper
41	100		
39	68.4	54.7	82.1
76	32.1	25.7	38.5

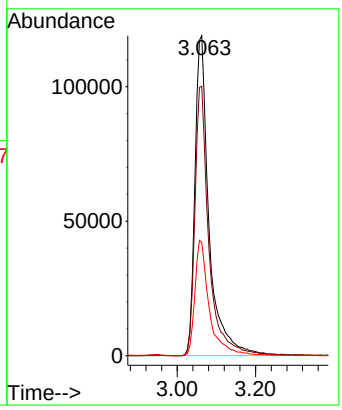




#15
Acrylonitrile
Concen: 264.027 ug/l
RT: 3.063 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 53 Resp: 30064

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.4	99.6
51	36.9	29.5	44.3



Instrument :
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ClientSampleId :
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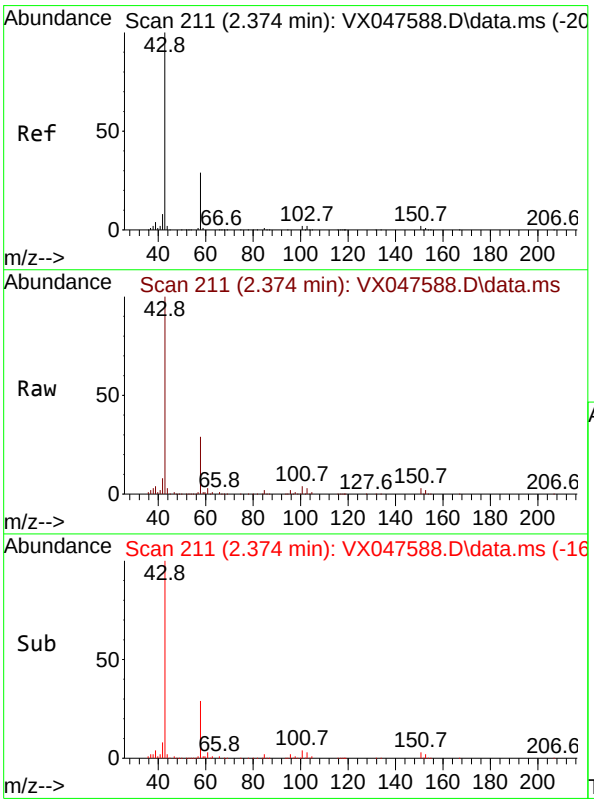
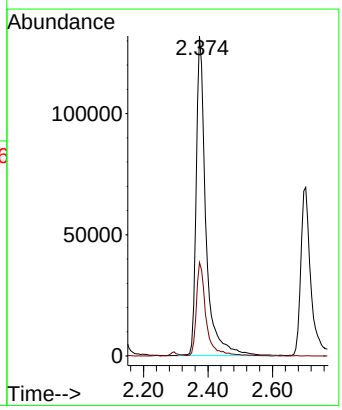
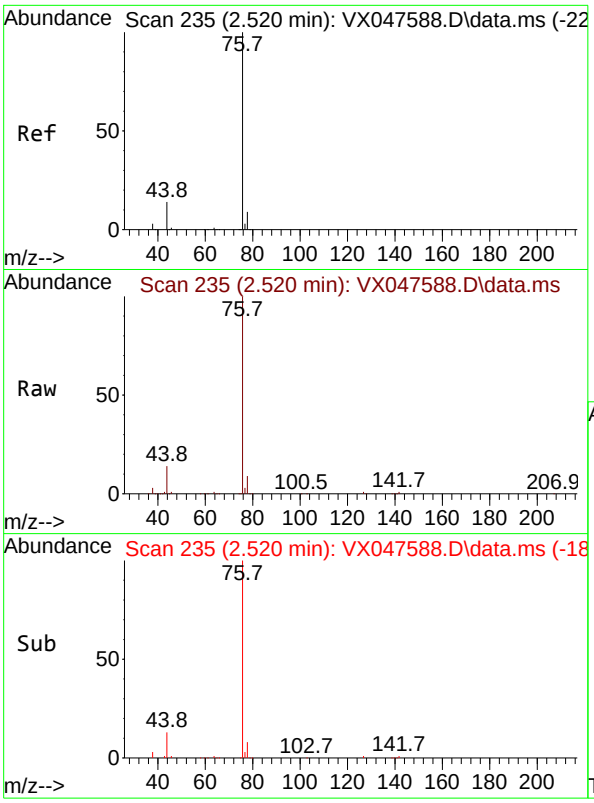


#16
Acetone
Concen: 229.193 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 275065

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.4	35.0





#17
Carbon Disulfide
Concen: 48.133 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 76 Resp: 27148

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.8	10.2

Instrument :
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ClientSampleId :
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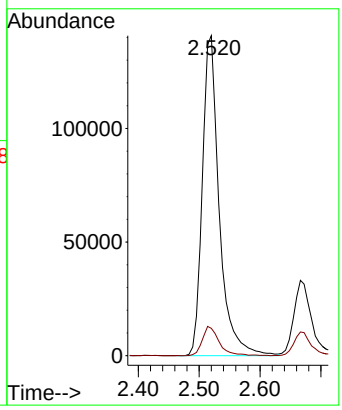
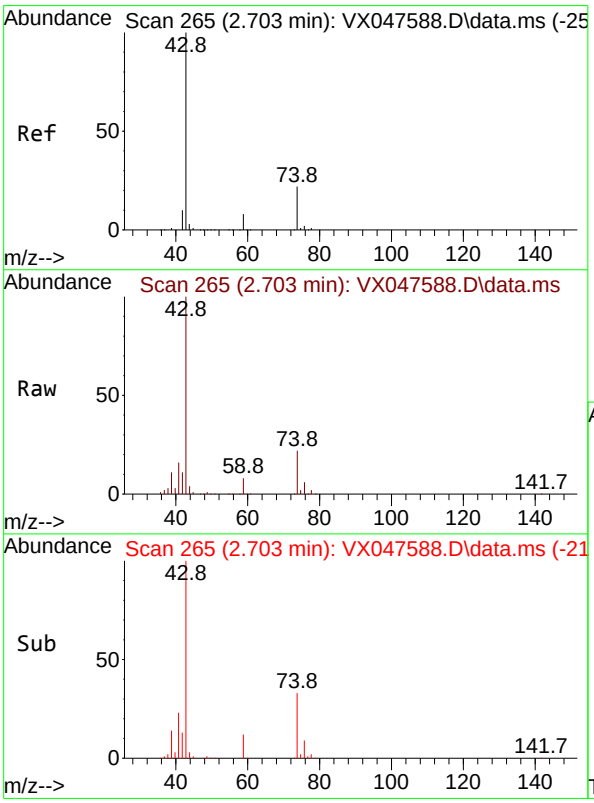
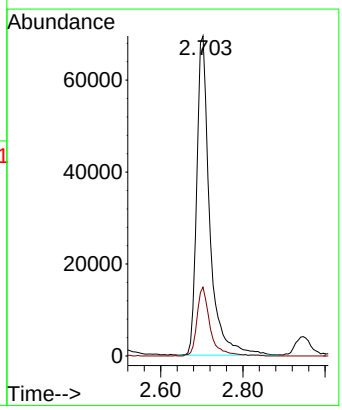


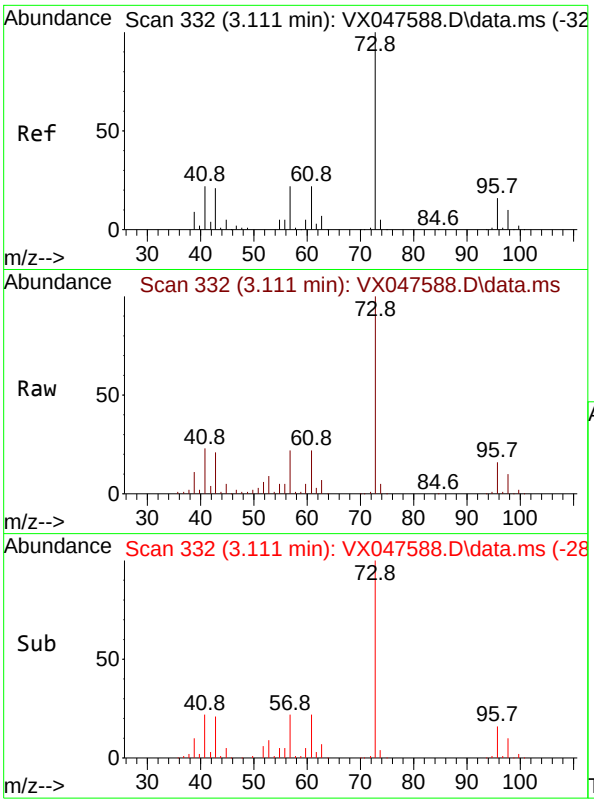


#18
Methyl Acetate
Concen: 56.897 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 151968

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

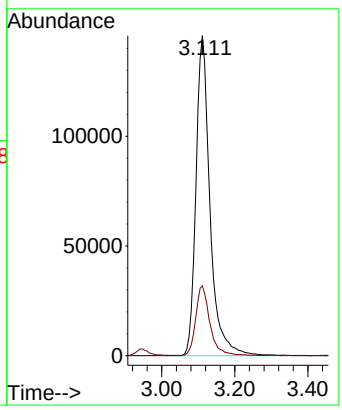




#19
Methyl tert-butyl Ether
Concen: 51.804 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 73 Resp: 38960

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2



Instrument :
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ClientSampleId :
VSTDICCC050

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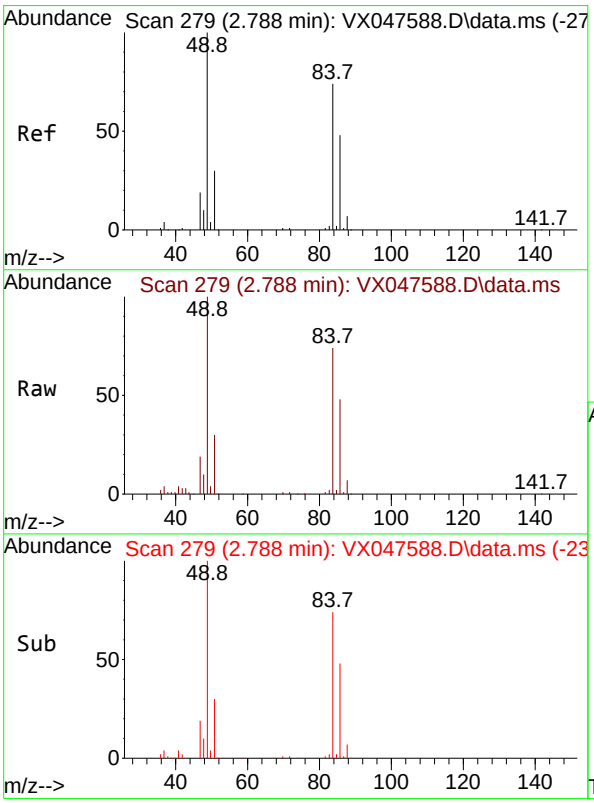
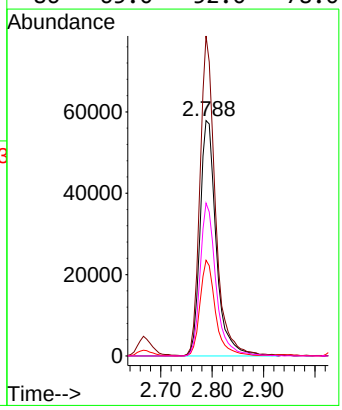
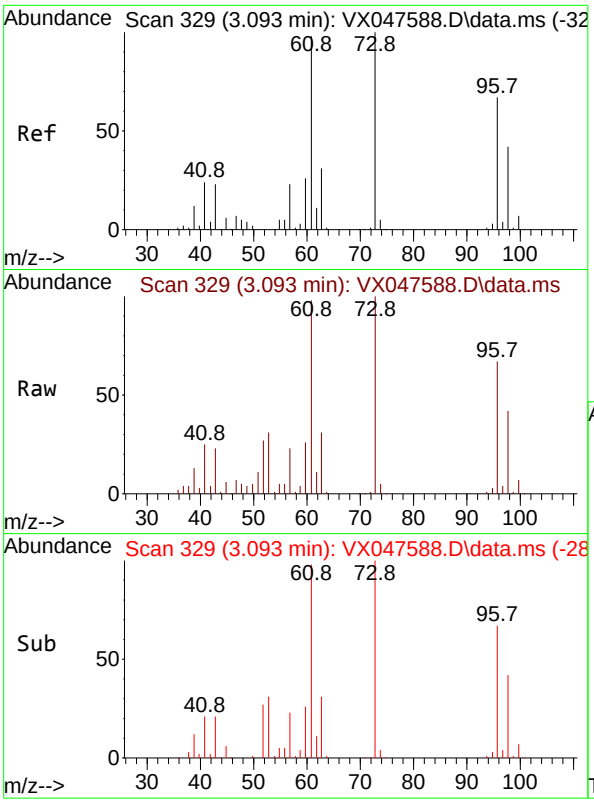


#20
Methylene Chloride
Concen: 49.798 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 84 Resp: 126506

Ion	Ratio	Lower	Upper
84	100		
49	135.7	108.6	162.8
51	40.7	32.6	48.8
86	65.0	52.0	78.0

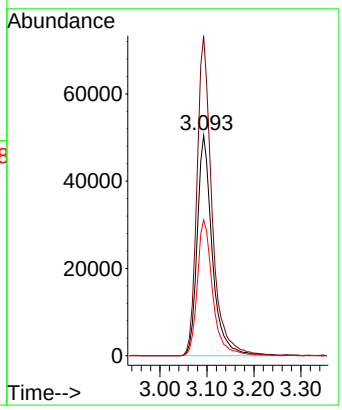




#21
trans-1,2-Dichloroethene
Concen: 50.743 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 96 Resp: 11255

Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.2	174.2
98	61.6	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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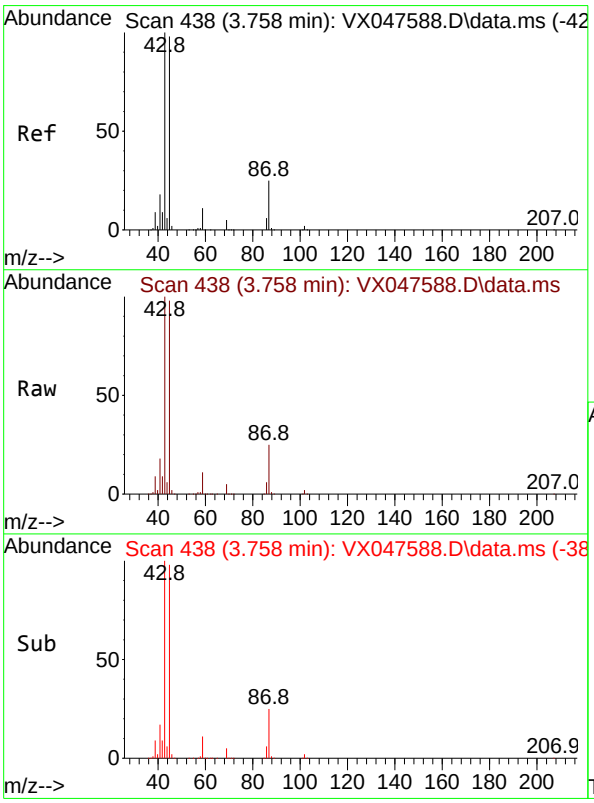
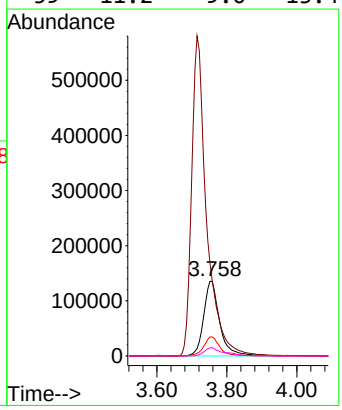
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

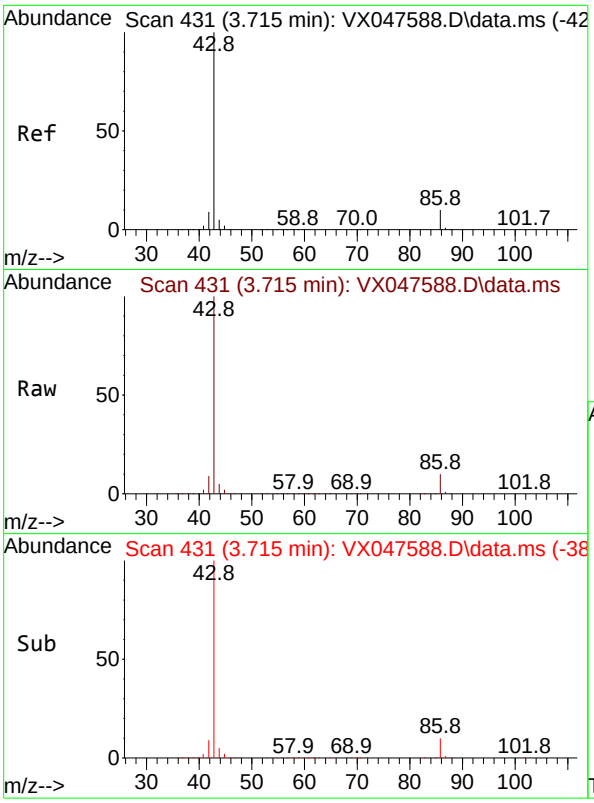


#22
Diisopropyl ether
Concen: 52.131 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 45 Resp: 429524

Ion	Ratio	Lower	Upper
45	100		
43	101.2	81.0	121.4
87	25.4	20.3	30.5
59	11.2	9.0	13.4





#23
Vinyl Acetate
Concen: 261.852 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 172673

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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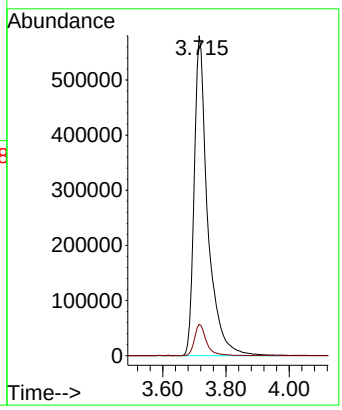
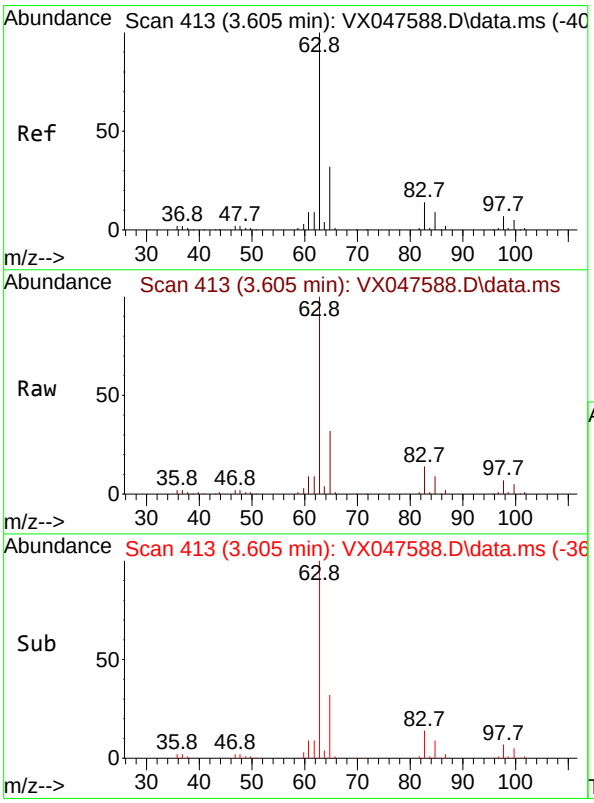
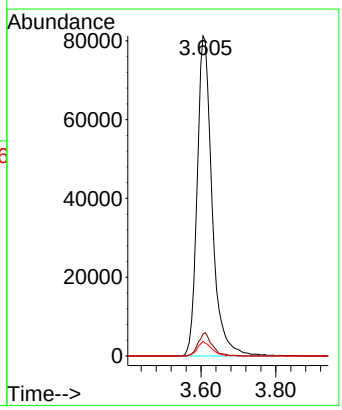


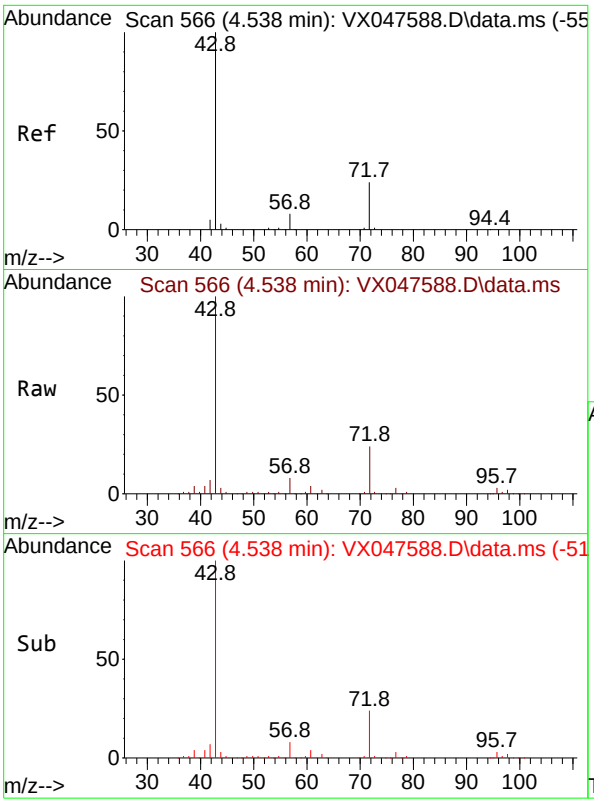


#24
1,1-Dichloroethane
Concen: 51.338 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 224824

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.2
100	4.6	2.3	6.9





#25
2-Butanone
Concen: 254.060 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 38033

Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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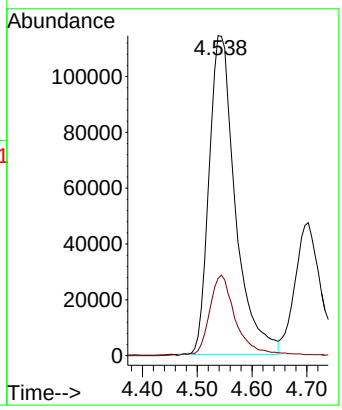
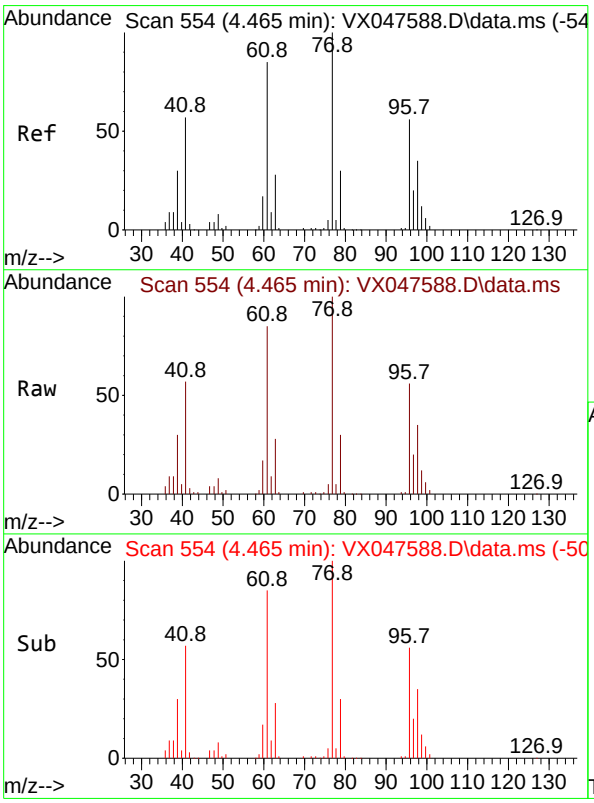
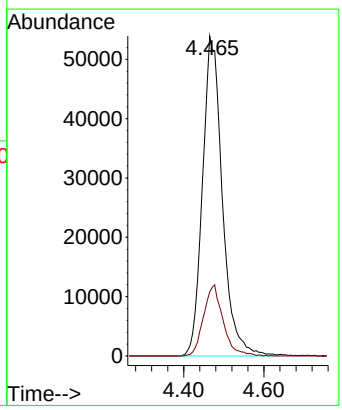


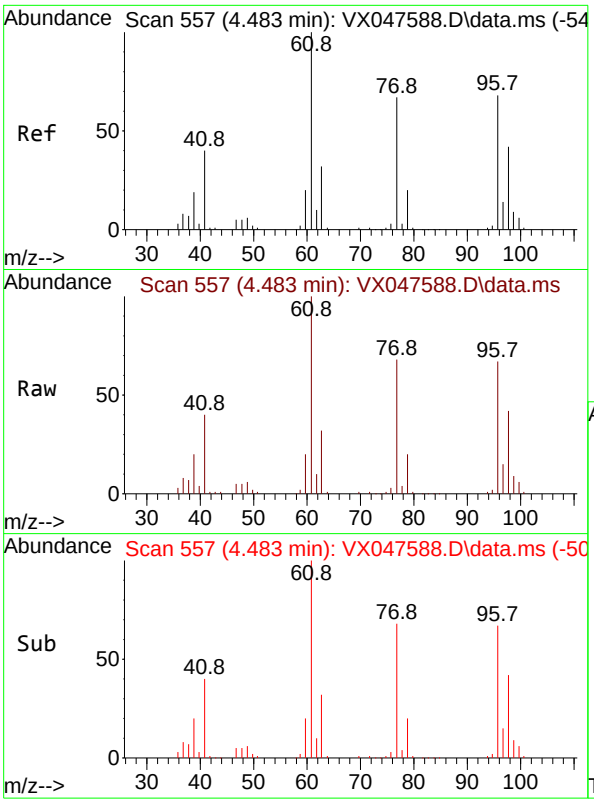


#26
2,2-Dichloropropane
Concen: 50.888 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 77 Resp: 185247

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.9	32.7

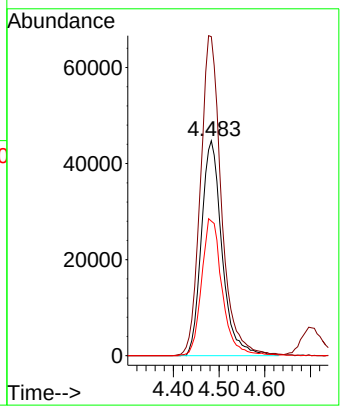




#27
cis-1,2-Dichloroethene
Concen: 51.576 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 96 Resp: 14010

Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	303.2
98	63.9	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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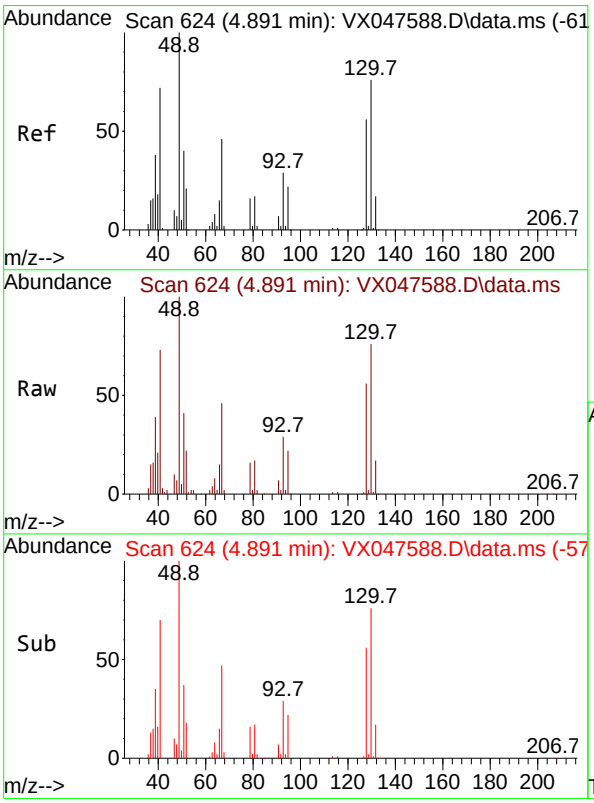
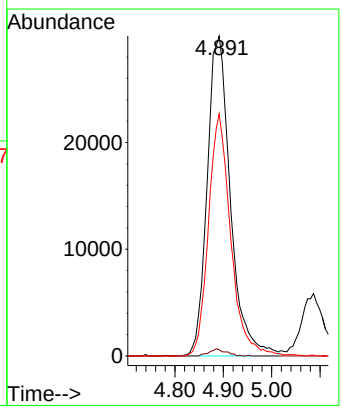
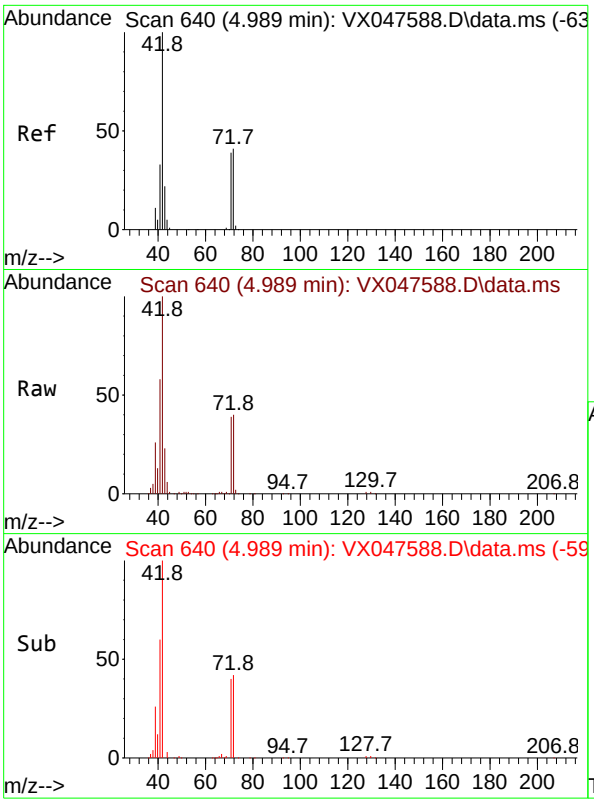


#28
Bromochloromethane
Concen: 52.301 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 49 Resp: 99991

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	72.3	57.8	86.8





#29
Tetrahydrofuran
Concen: 265.026 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 23867

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	39.9	31.9	47.9

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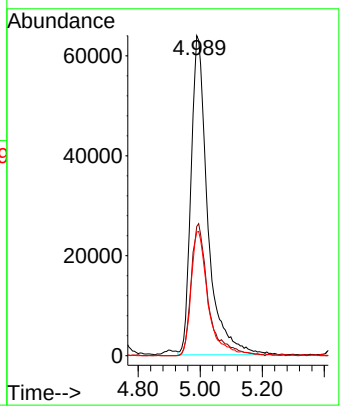
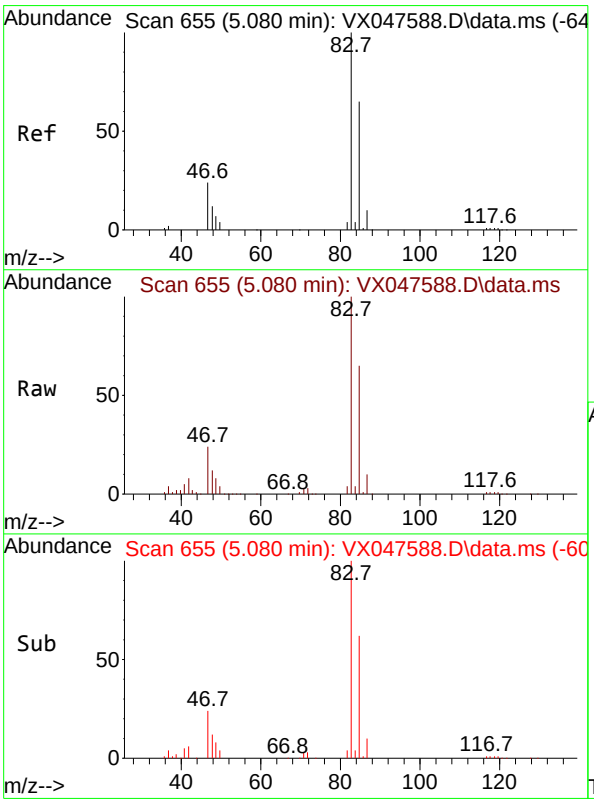
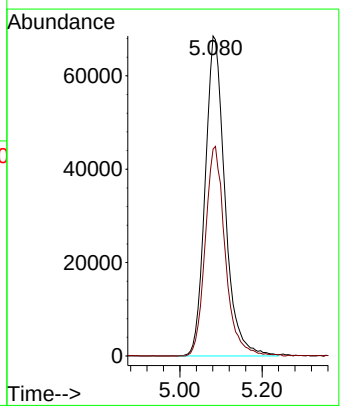


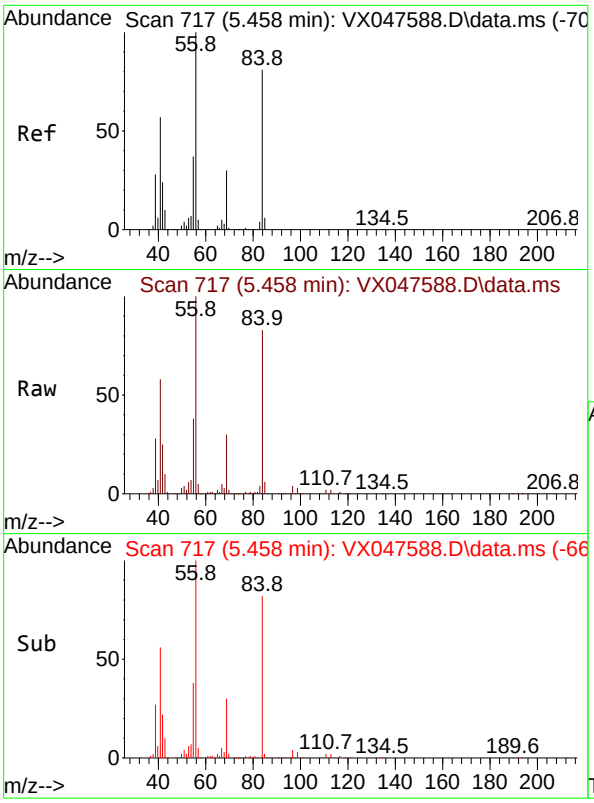


#30
Chloroform
Concen: 51.844 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 229430

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6

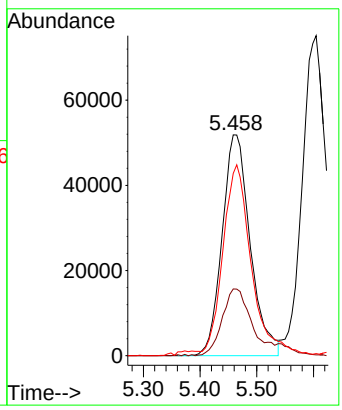




#31
Cyclohexane
Concen: 48.952 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 56 Resp: 17854

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.8	35.8
84	80.8	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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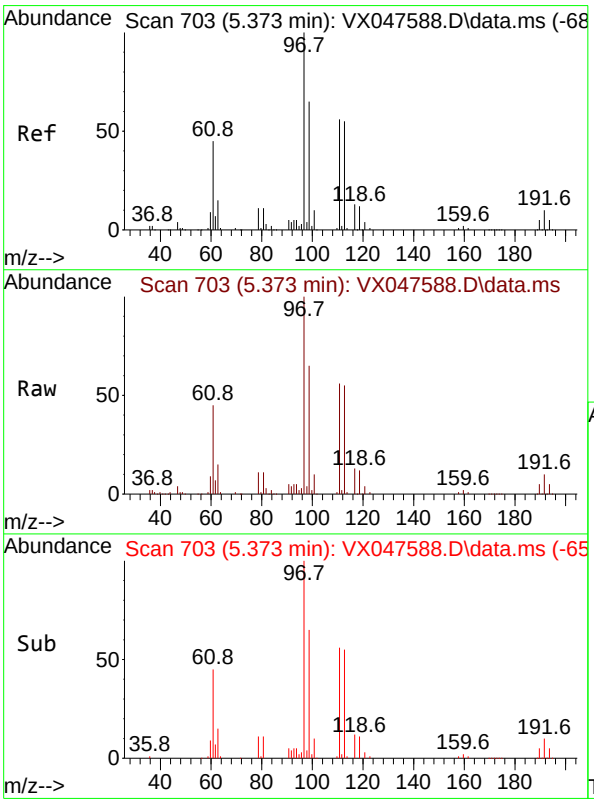
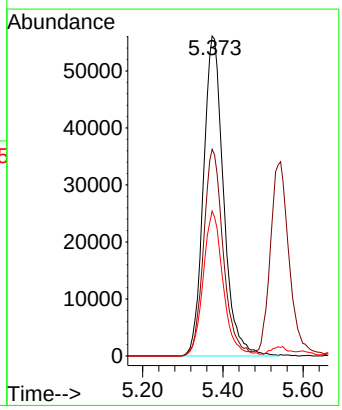
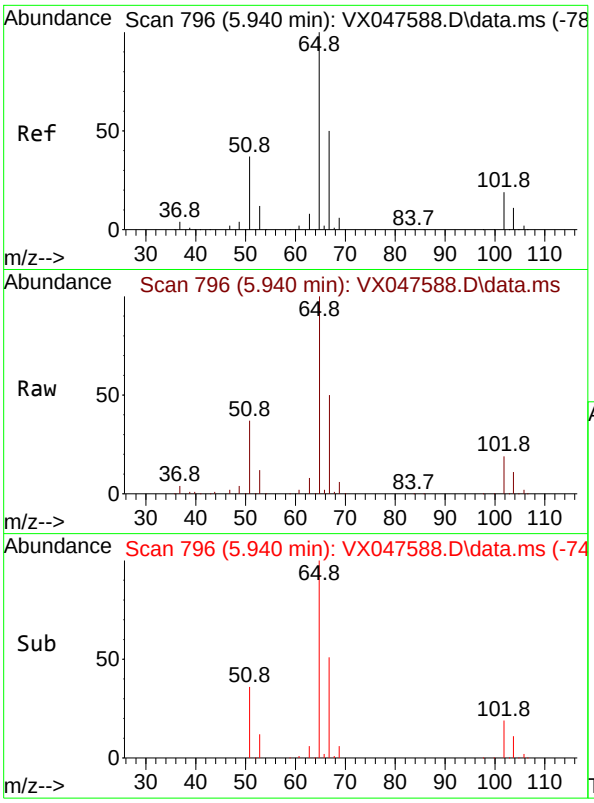


#32
1,1,1-Trichloroethane
Concen: 52.058 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 97 Resp: 195407

Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.6	76.0
61	44.8	35.8	53.8

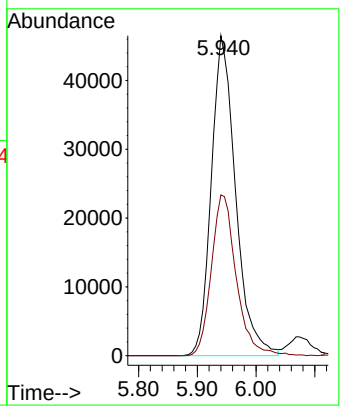




#33
1,2-Dichloroethane-d4
Concen: 48.404 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 65 Resp: 13360

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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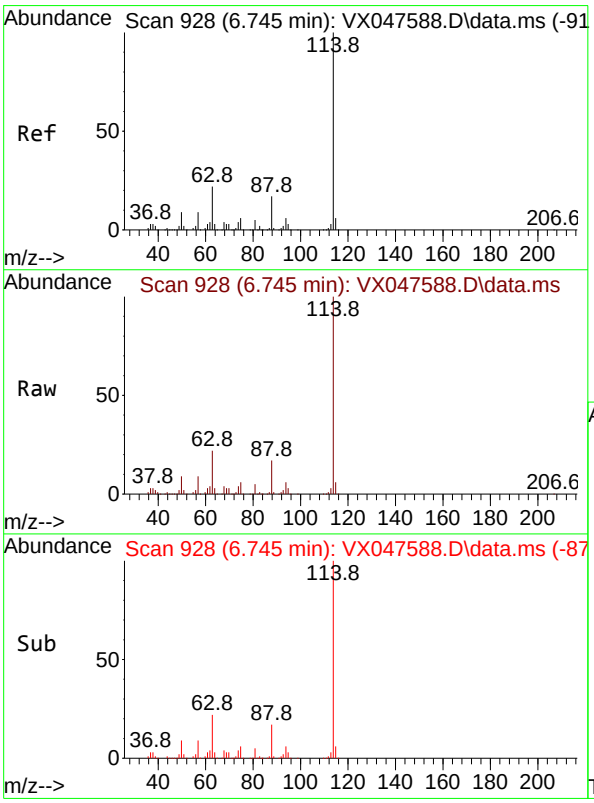
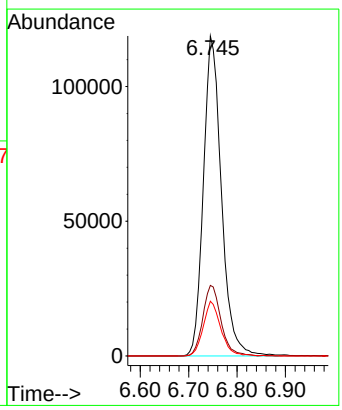
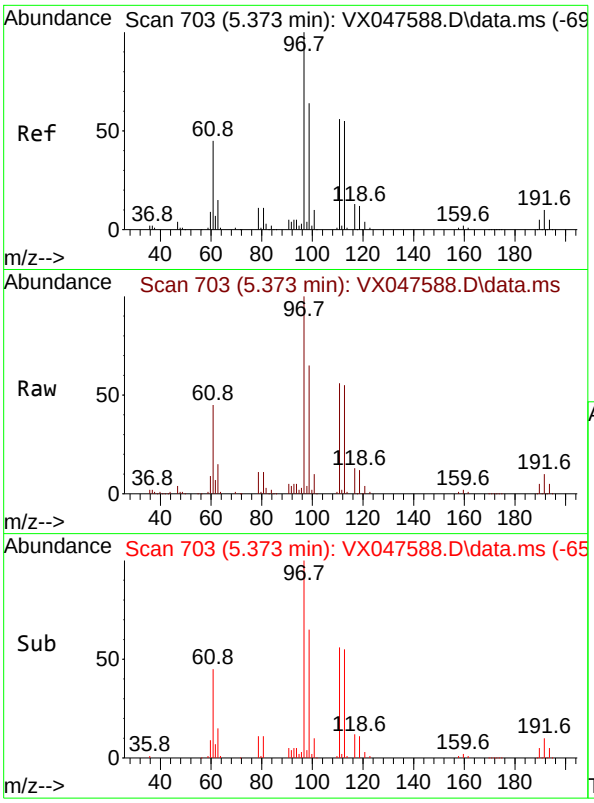


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:114 Resp: 307383

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	17.1	0.0	34.2

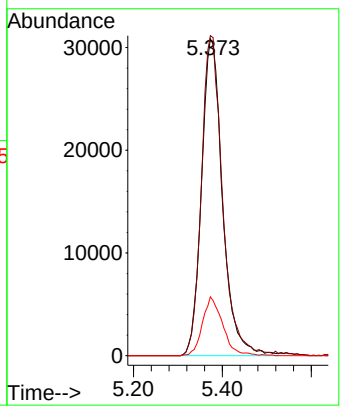




#35
Dibromofluoromethane
Concen: 49.298 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:113 Resp: 10162

Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.9	121.3
192	17.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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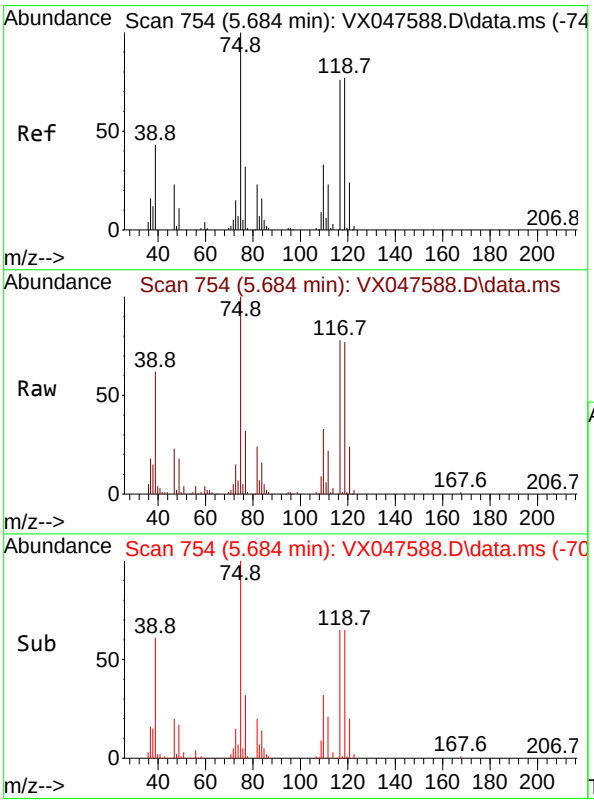
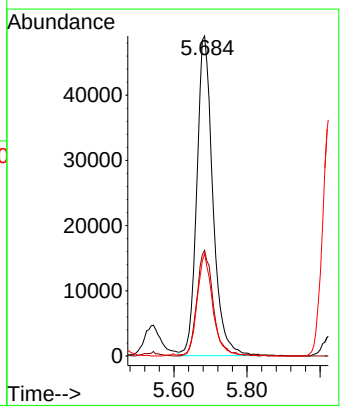
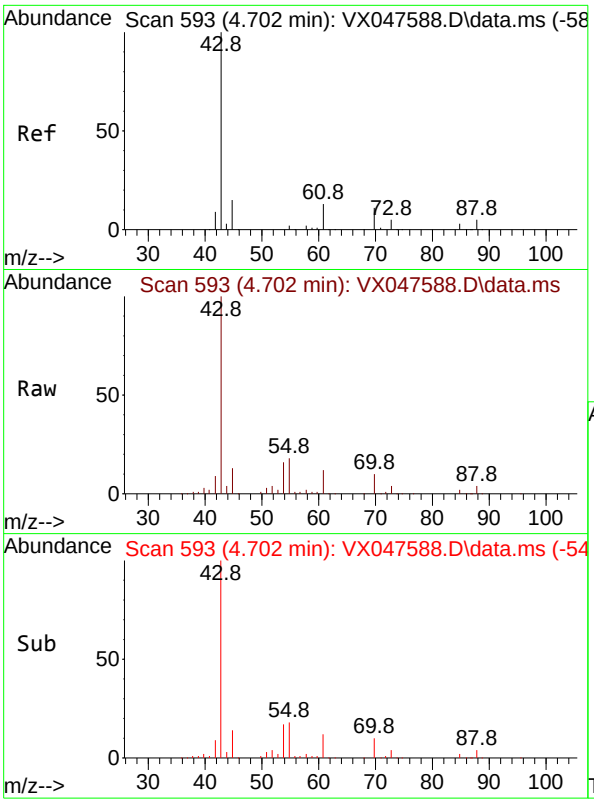


#36
1,1-Dichloropropene
Concen: 49.729 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 149800

Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.7	50.1
77	30.4	24.3	36.5





#37
Ethyl Acetate
Concen: 50.687 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 16348

Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.8	14.8
70	9.9	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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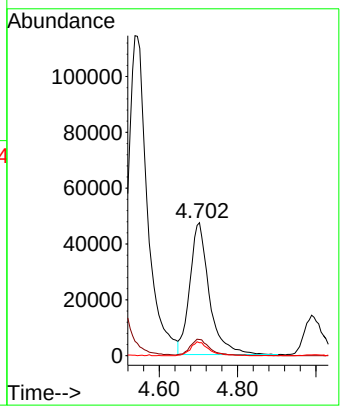
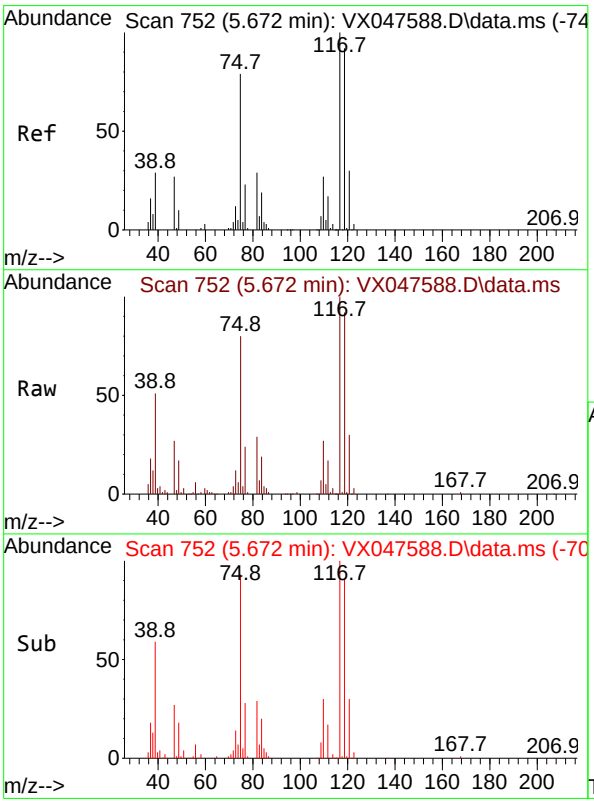
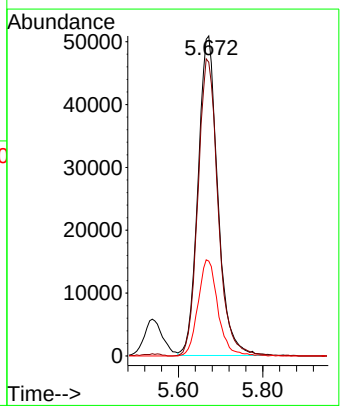


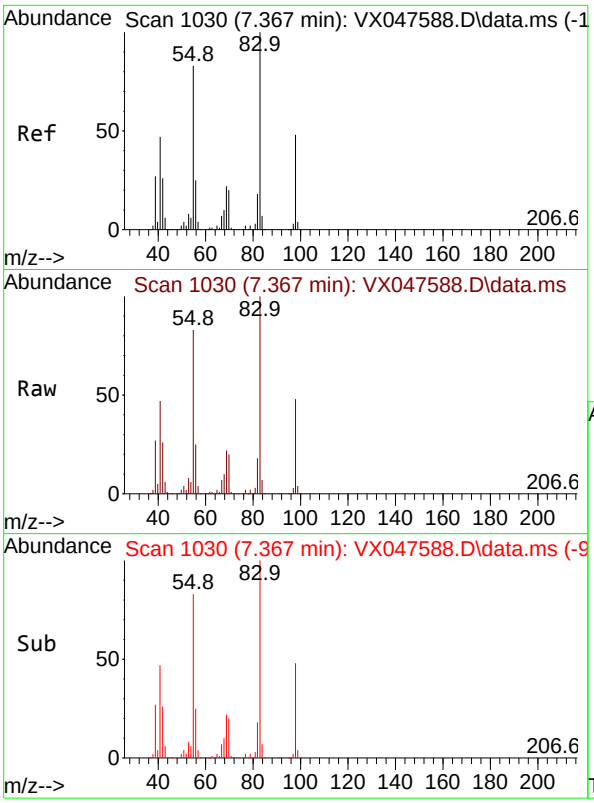


#38
Carbon Tetrachloride
Concen: 50.637 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 165730

Ion	Ratio	Lower	Upper
117	100		
119	91.8	73.4	110.2
121	29.7	23.8	35.6

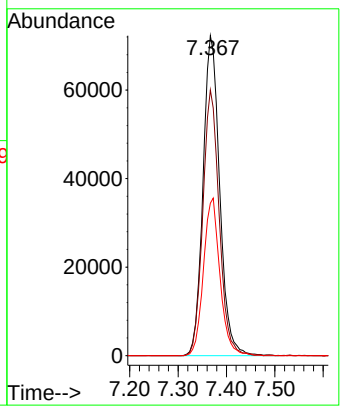




#39
Methylcyclohexane
Concen: 50.773 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 17361

Ion	Ratio	Lower	Upper
83	100		
55	83.0	66.4	99.6
98	47.6	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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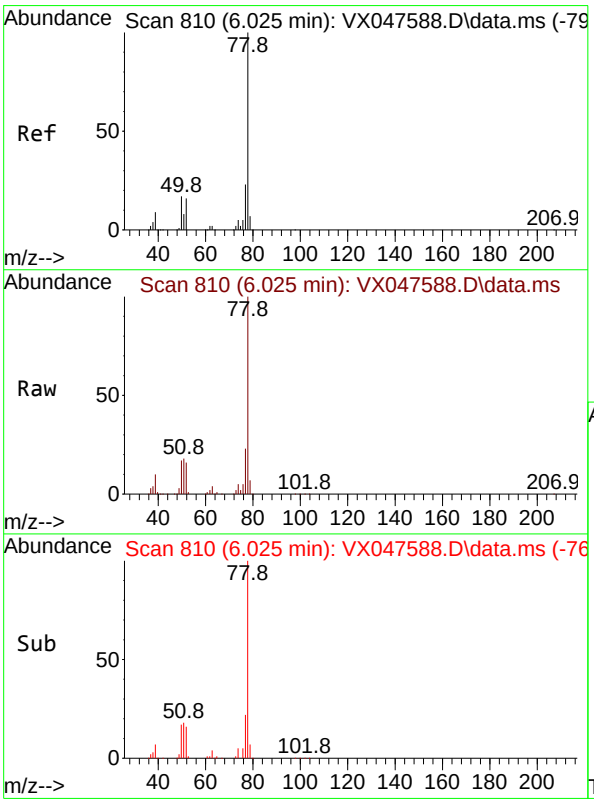
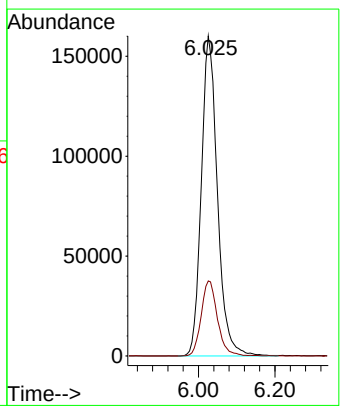
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

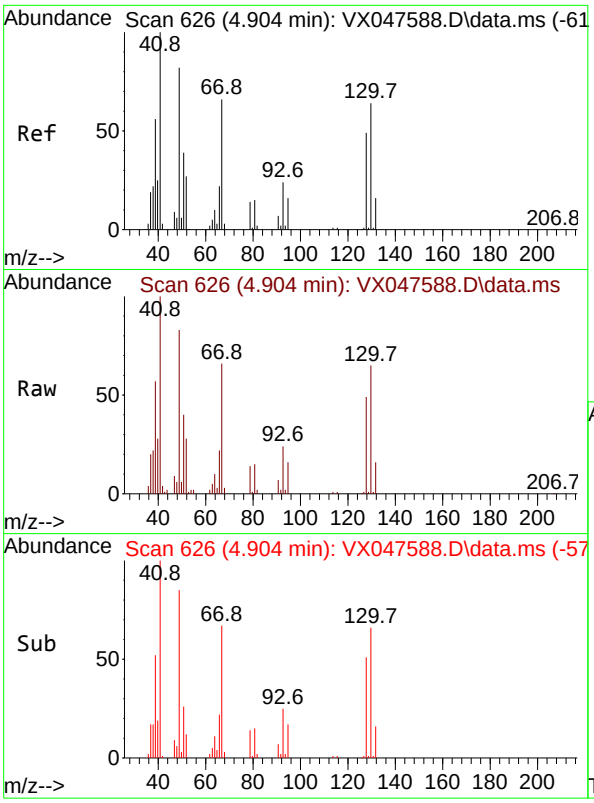


#40
Benzene
Concen: 51.167 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 78 Resp: 468136

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

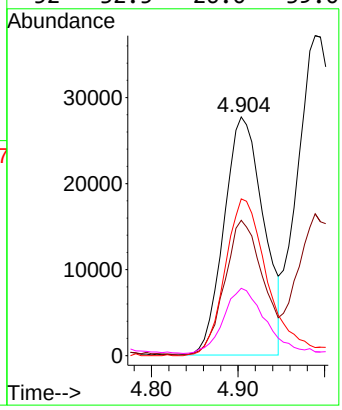




#41
Methacrylonitrile
Concen: 52.707 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 8776

Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.3	64.9
67	73.2	58.6	87.8
52	32.5	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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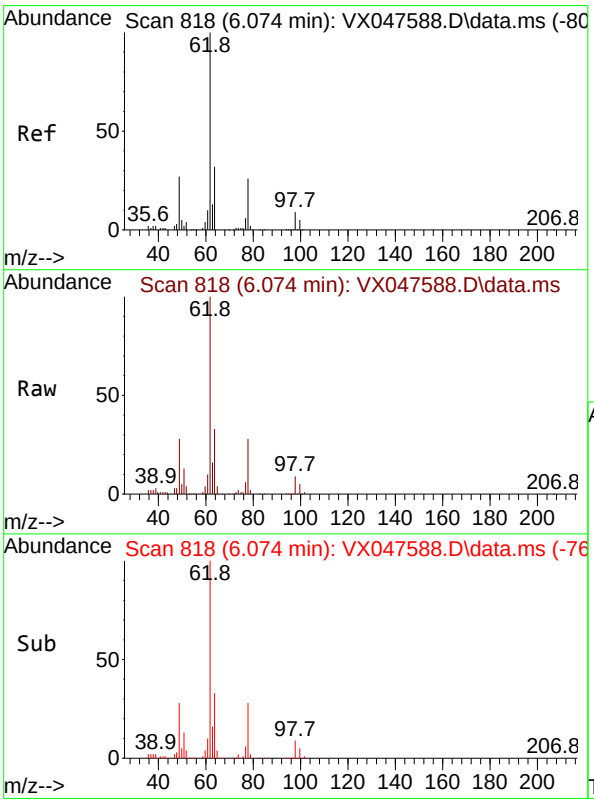
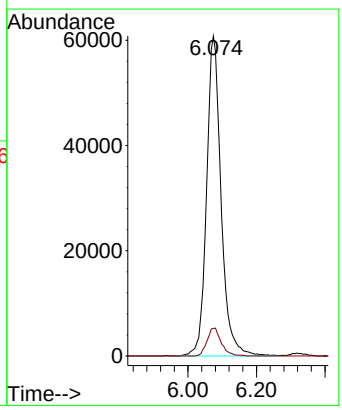
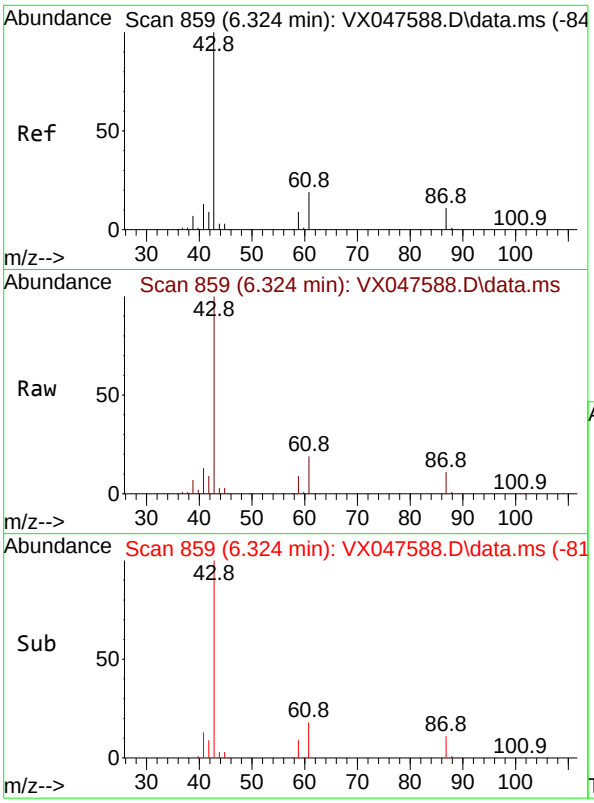


#42
1,2-Dichloroethane
Concen: 51.431 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 179037

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0

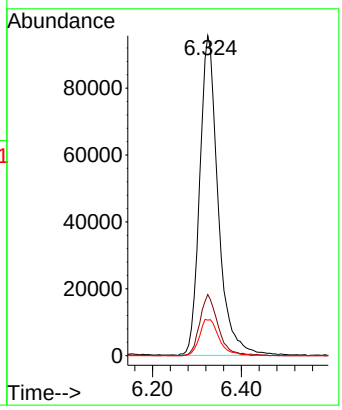




#43
Isopropyl Acetate
Concen: 52.096 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 27557

Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.0	9.6	14.4



Instrument :
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ClientSampleId :
VSTDICCC050

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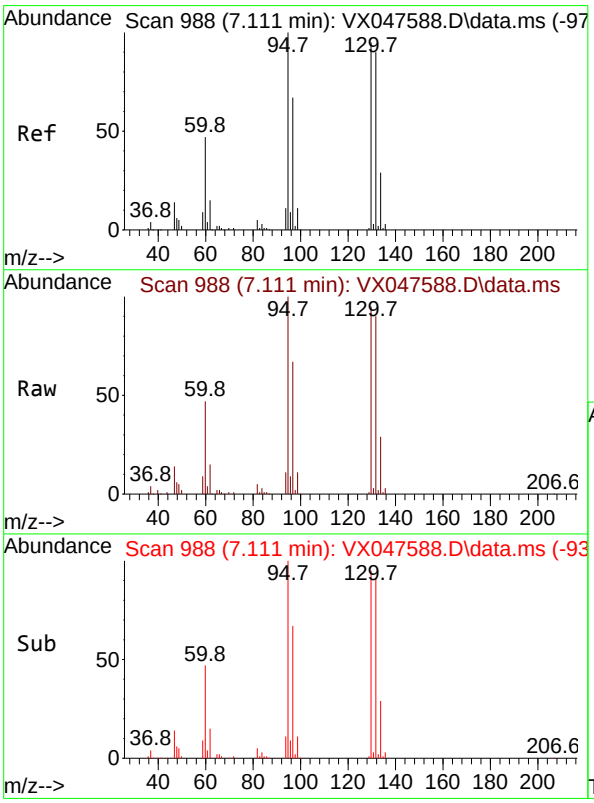
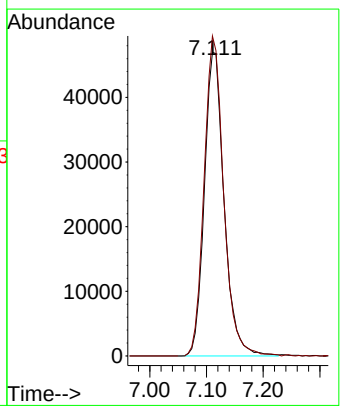
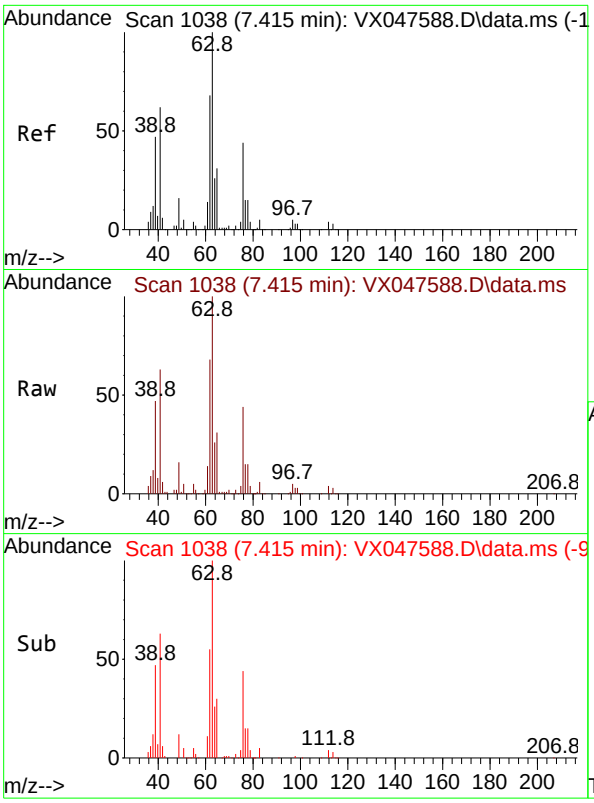


#44
Trichloroethene
Concen: 51.463 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:130 Resp: 113832

Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	210.8





#45
1,2-Dichloropropane
Concen: 52.122 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 12210

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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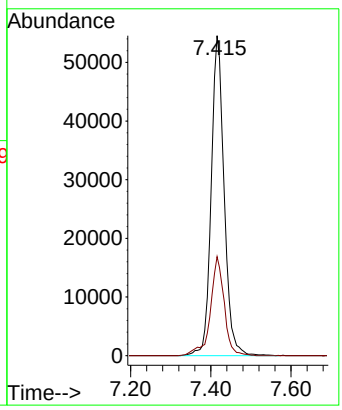
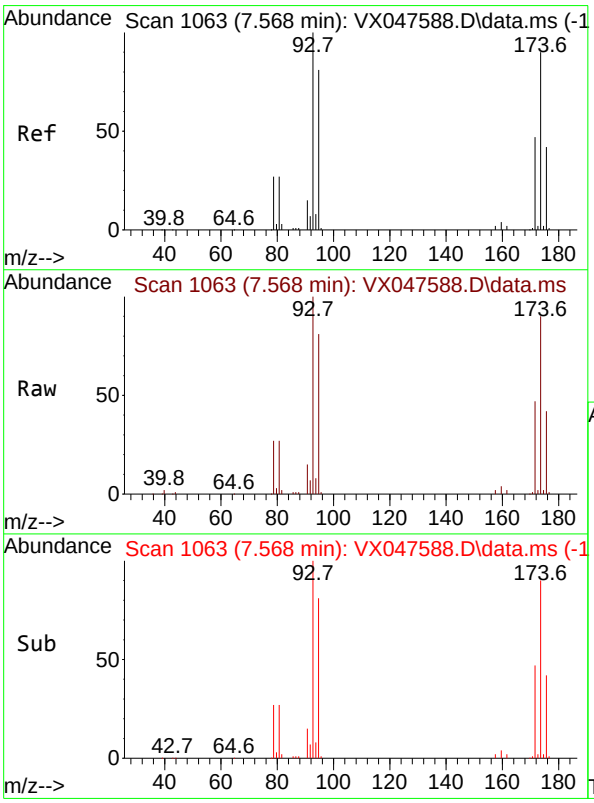
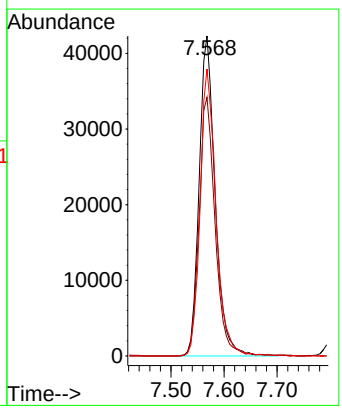


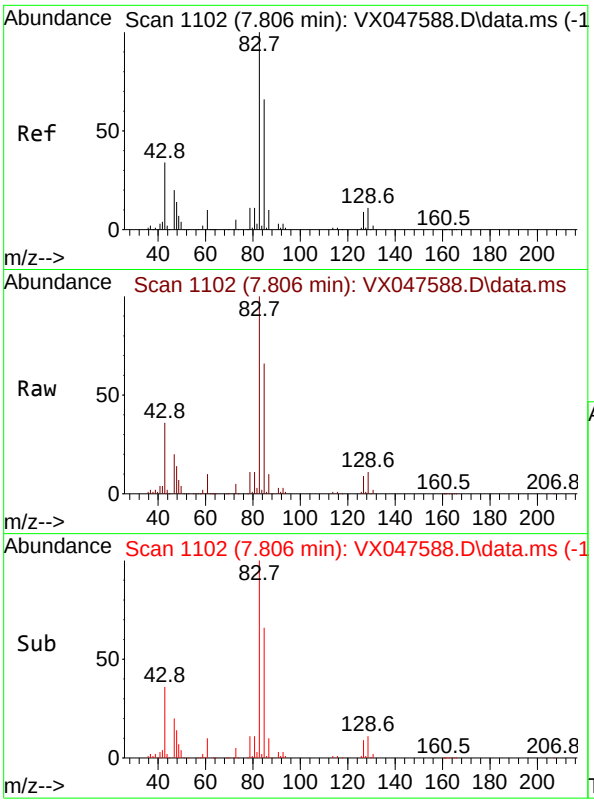


#46
Dibromomethane
Concen: 51.914 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 93 Resp: 88505

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.0	97.6
174	89.5	71.6	107.4

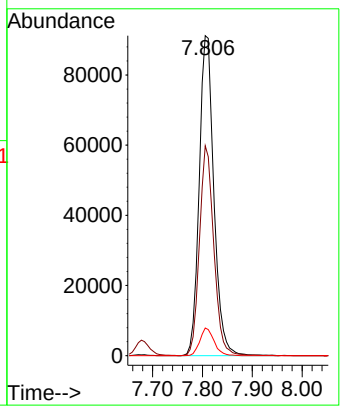




#47
Bromodichloromethane
Concen: 53.025 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 18654

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7
127	8.6	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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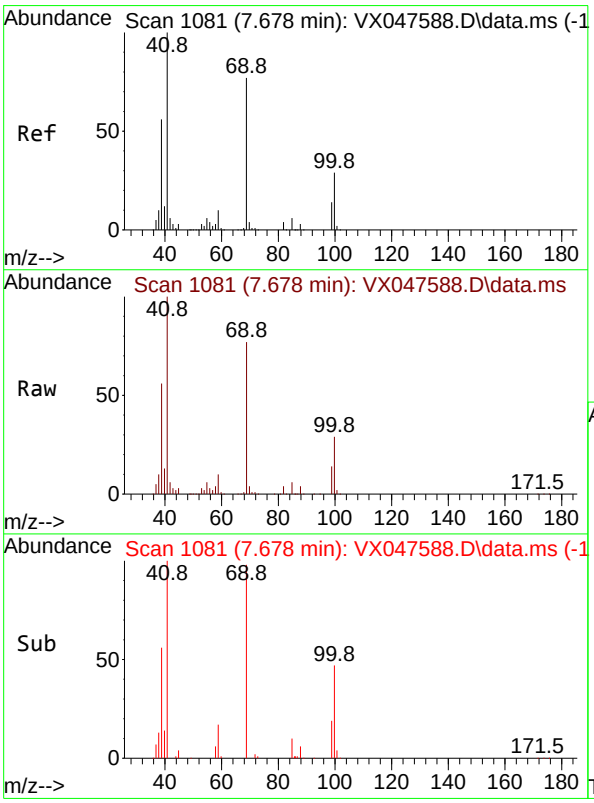
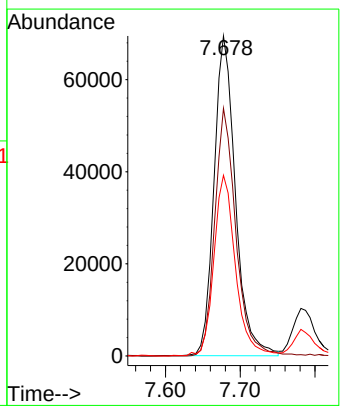
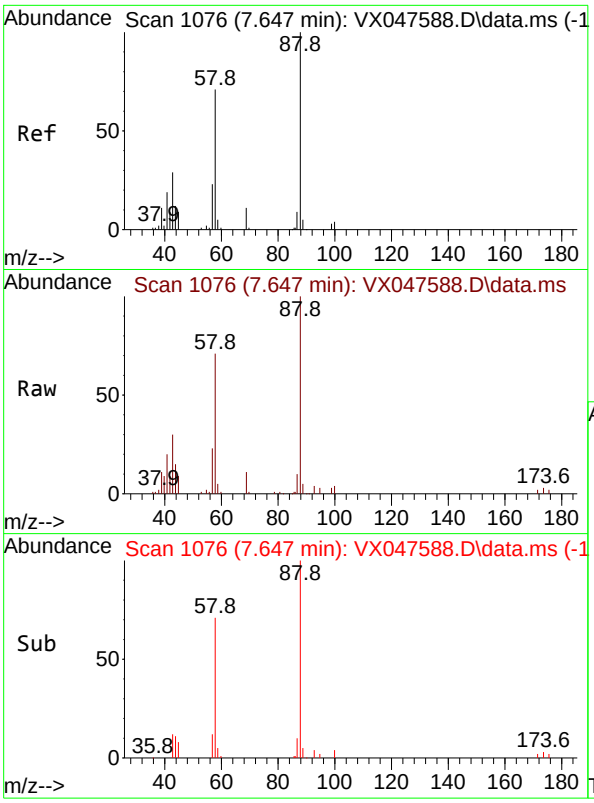


#48
Methyl methacrylate
Concen: 52.438 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 138167

Ion	Ratio	Lower	Upper
41	100		
69	76.8	61.4	92.2
39	57.2	45.8	68.6

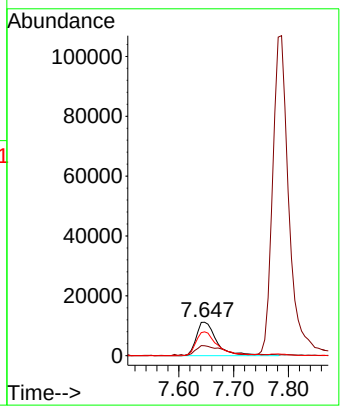




#49
1,4-Dioxane
Concen: 1107.698 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 88 Resp: 2949

Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.2	45.2
58	74.4	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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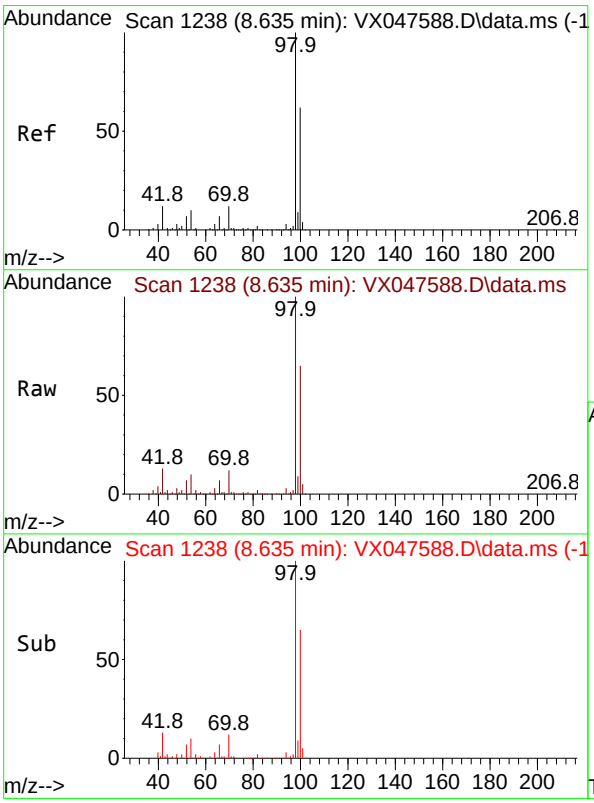
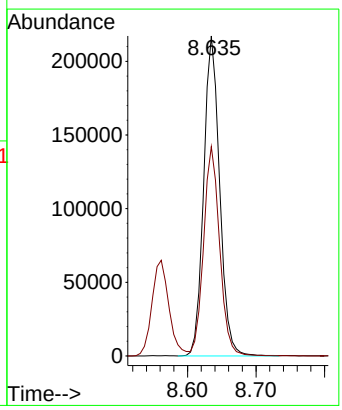
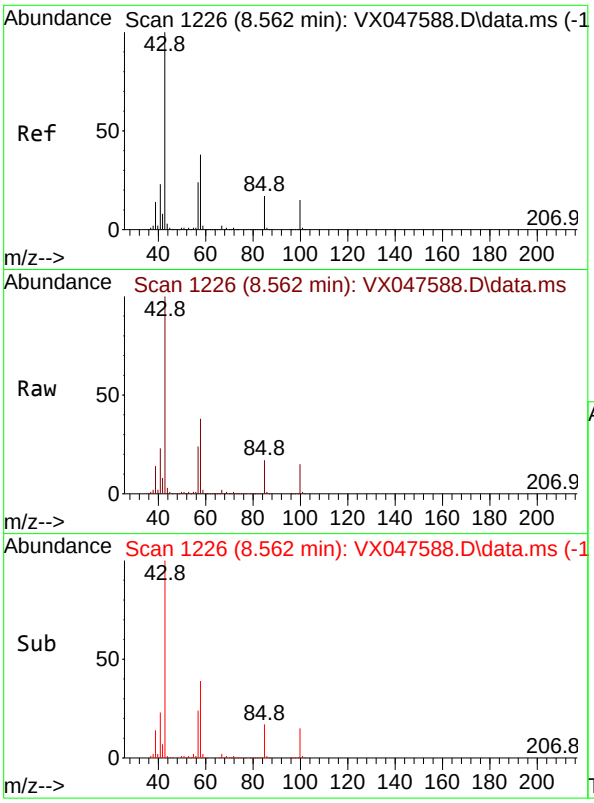


#50
Toluene-d8
Concen: 49.428 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 98 Resp: 352578

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

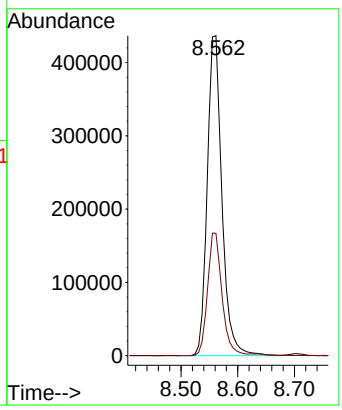




#51
4-Methyl-2-Pentanone
Concen: 267.650 ug/l
RT: 8.562 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 78497

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
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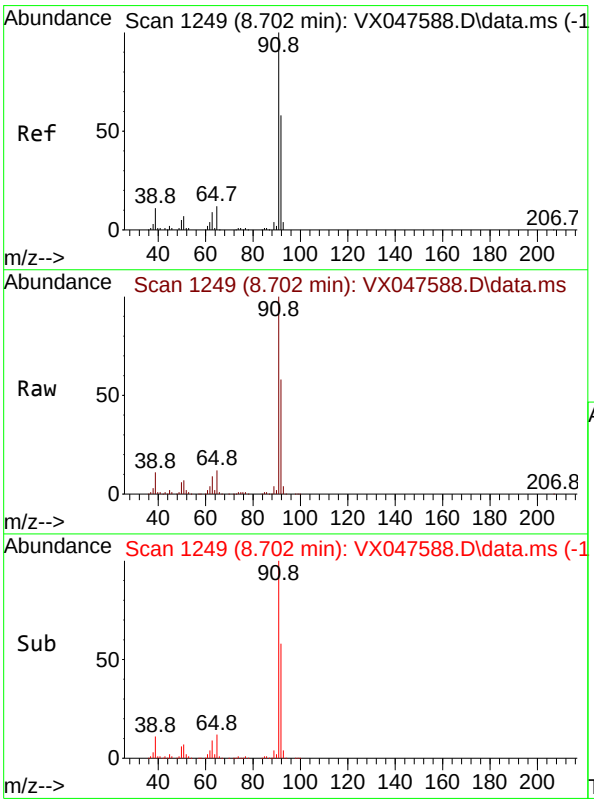
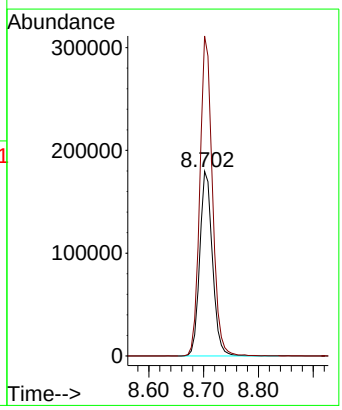
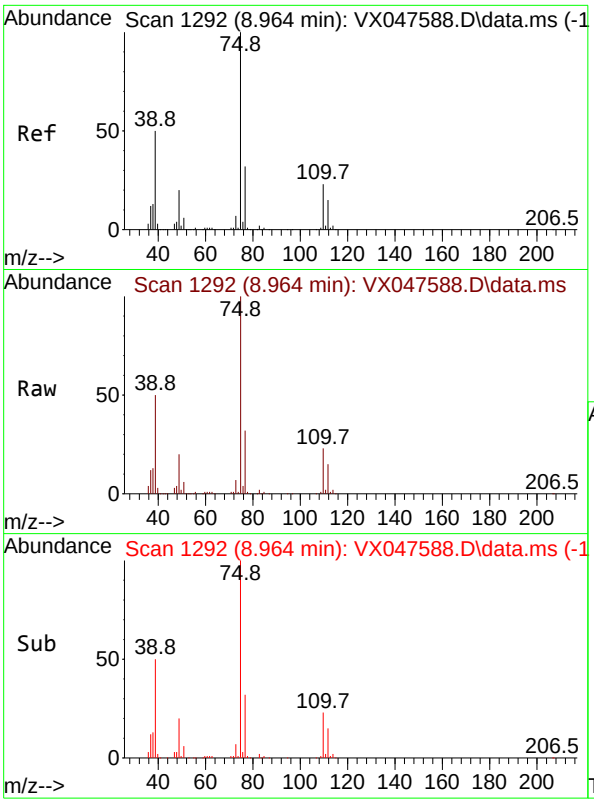


#52
Toluene
Concen: 51.244 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 92 Resp: 288853

Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.1	205.7

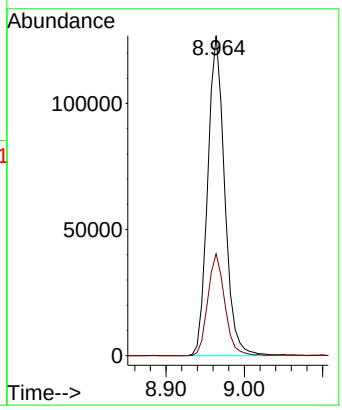




#53
t-1,3-Dichloropropene
Concen: 53.027 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 19028

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2



Instrument :
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ClientSampleId :
VSTDICCC050

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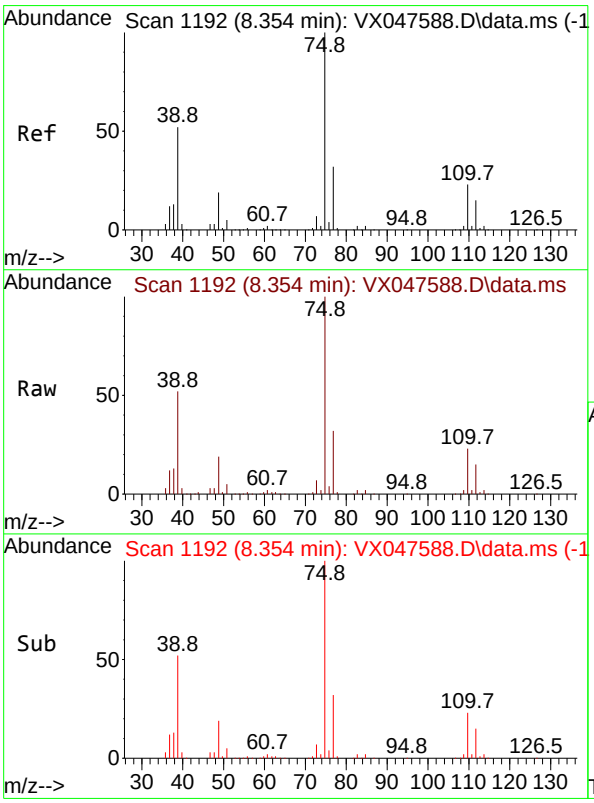
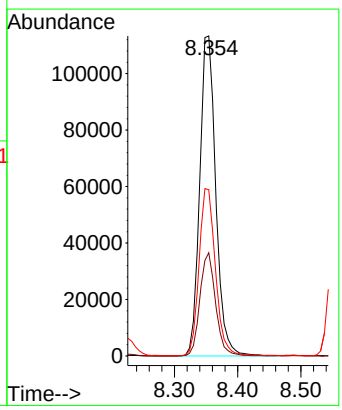
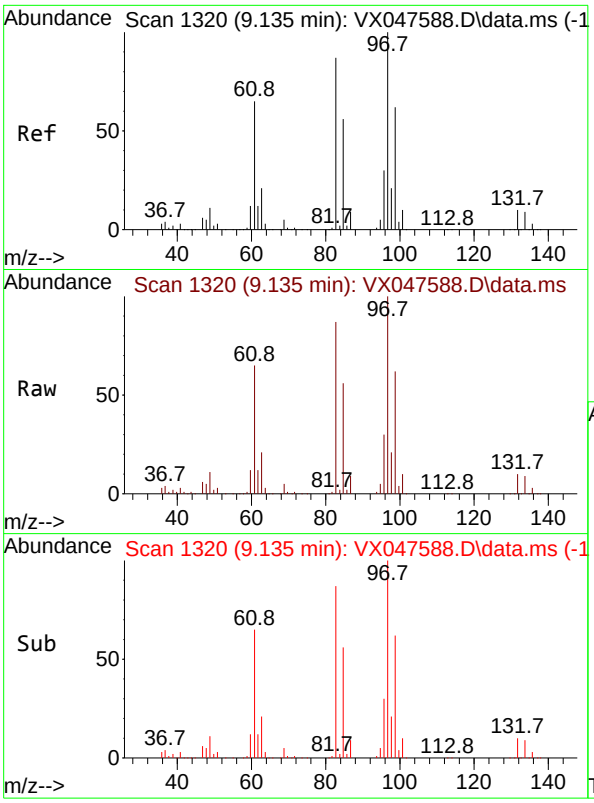


#54
cis-1,3-Dichloropropene
Concen: 52.369 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 200859

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	51.8	41.4	62.2

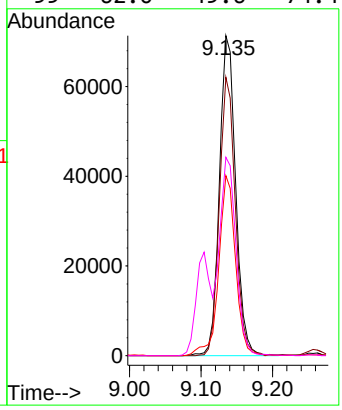




#55
1,1,2-Trichloroethane
Concen: 51.915 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 97 Resp: 11283

Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.6	104.4
85	56.3	45.0	67.6
99	62.0	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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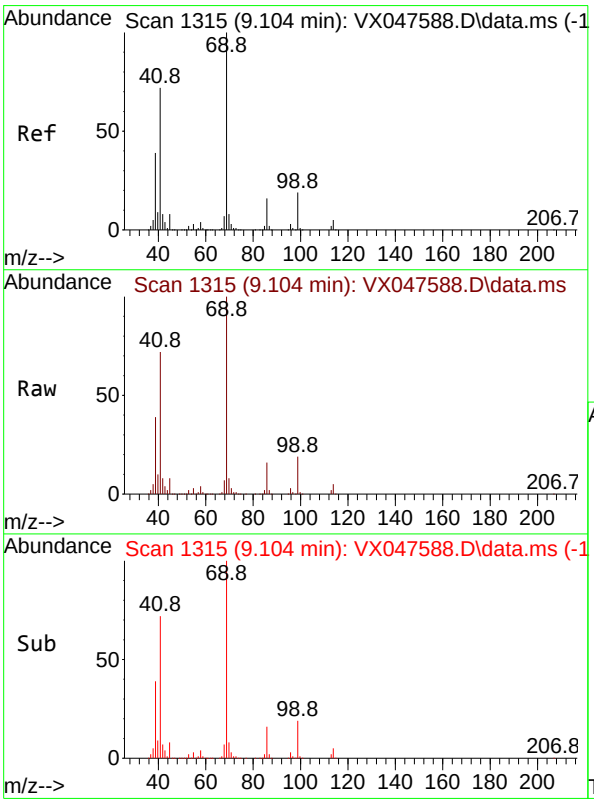
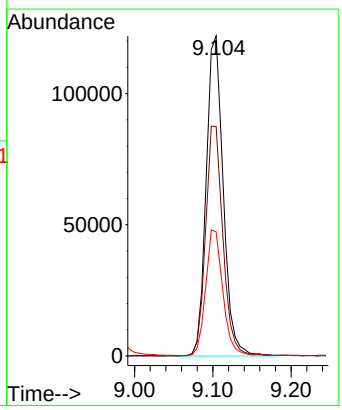
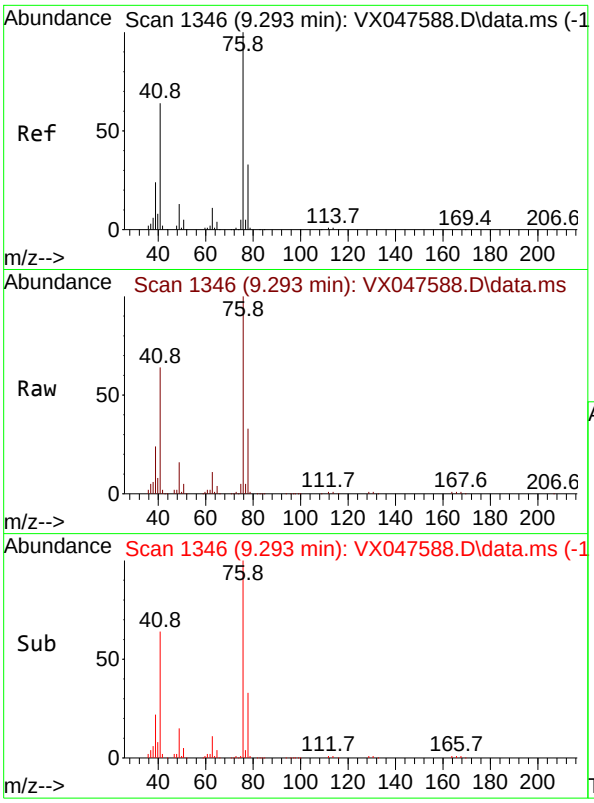


#56
Ethyl methacrylate
Concen: 53.930 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 69 Resp: 184087

Ion	Ratio	Lower	Upper
69	100		
41	73.2	58.6	87.8
39	39.4	31.5	47.3

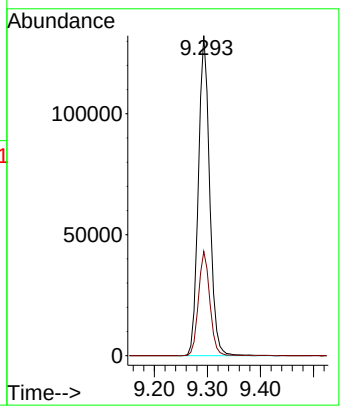




#57
1,3-Dichloropropane
Concen: 52.492 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 76 Resp: 19598

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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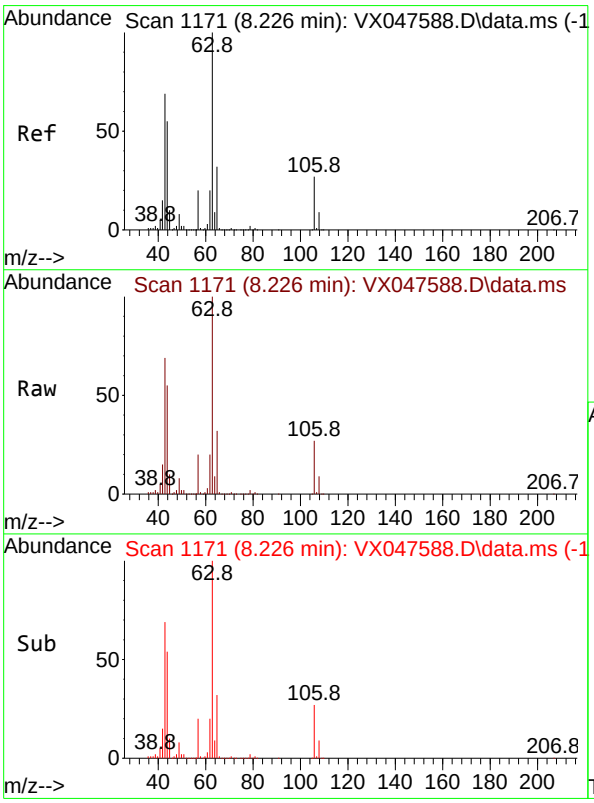
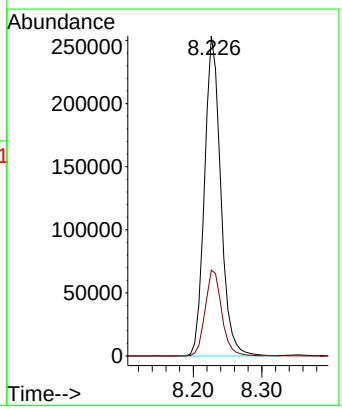
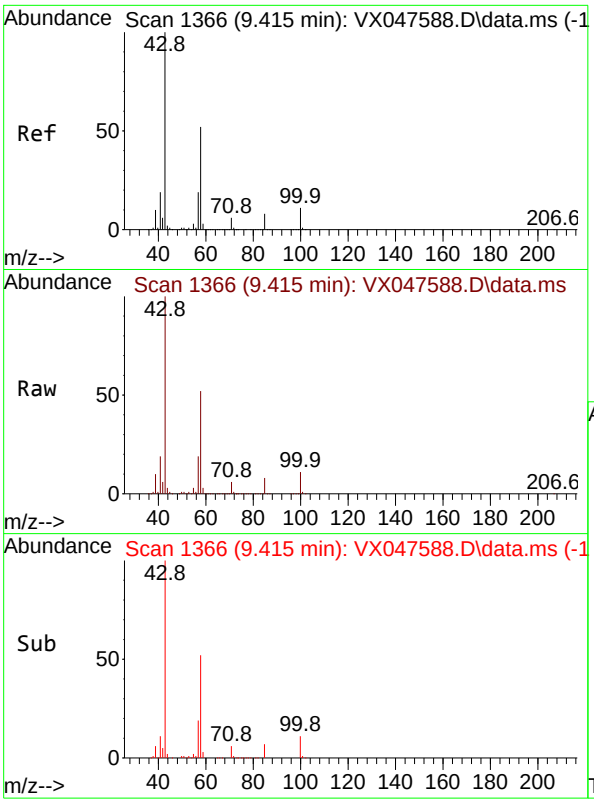


#58
2-Chloroethyl Vinyl ether
Concen: 256.309 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 418707

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.9	32.9





#59
2-Hexanone
Concen: 262.683 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 55331

Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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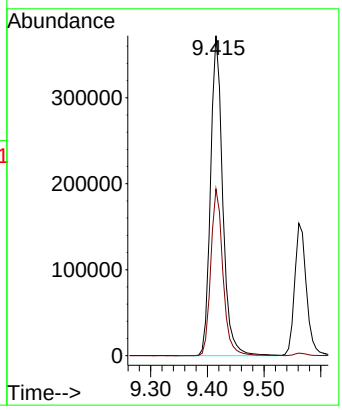
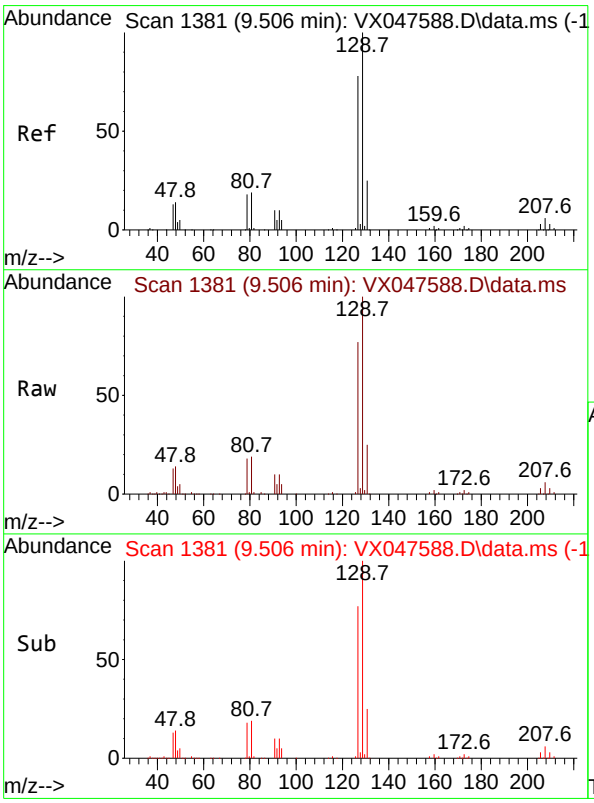
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

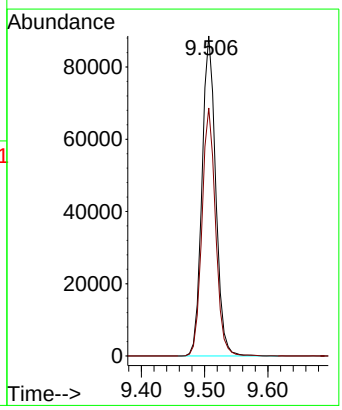


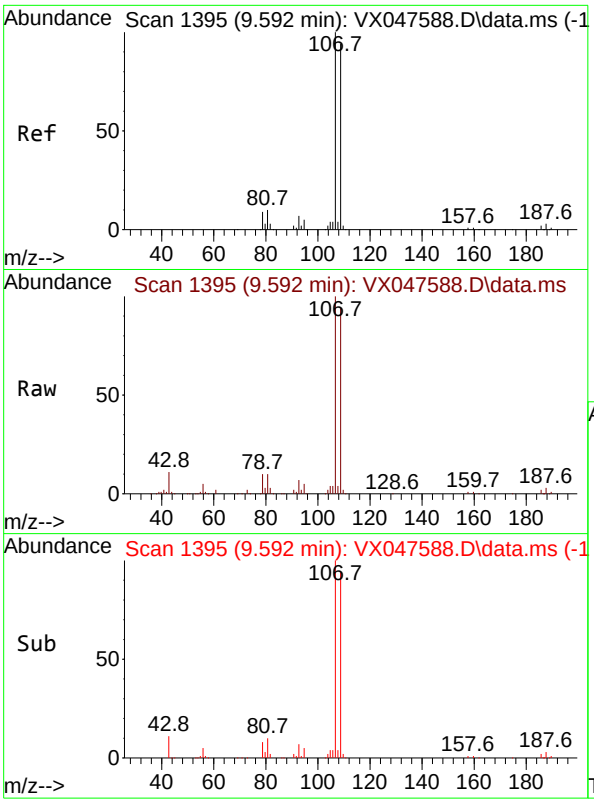


#60
Dibromochloromethane
Concen: 53.401 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:129 Resp: 133737

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2





#61
1,2-Dibromoethane
Concen: 52.607 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:107 Resp: 11646

Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.3	112.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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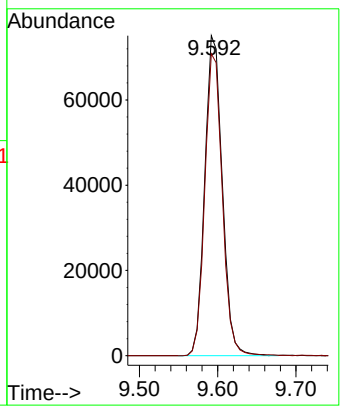
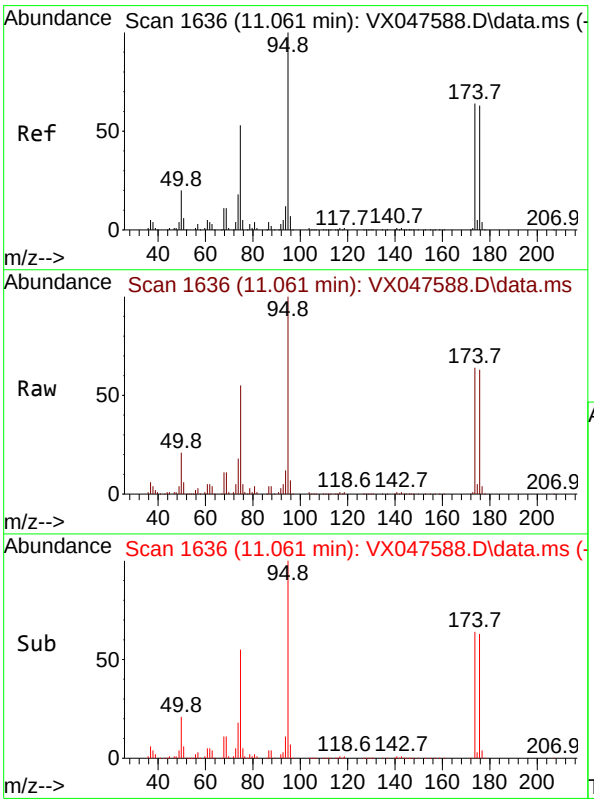
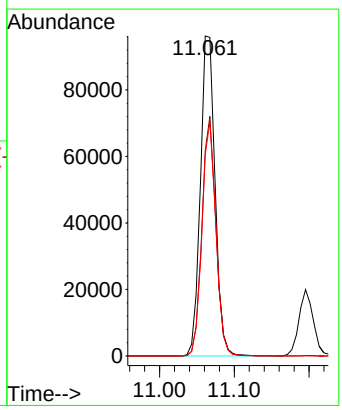


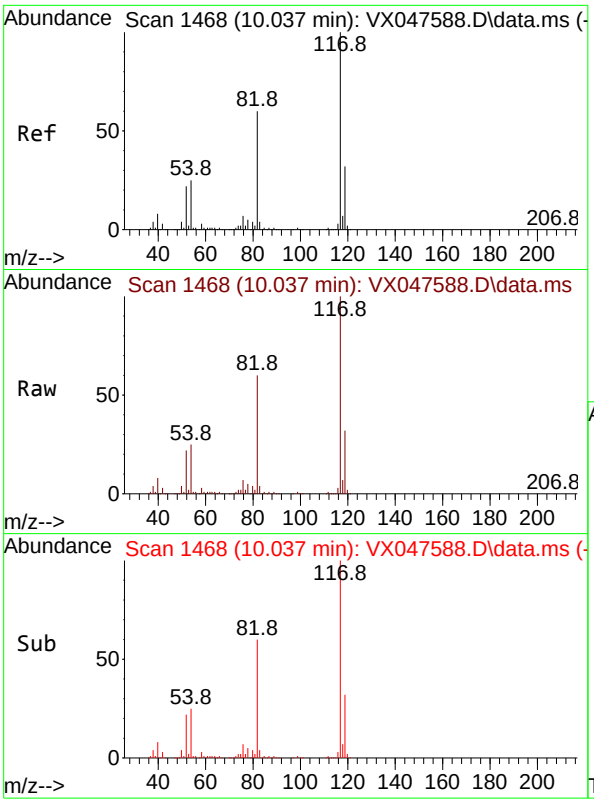


#62
4-Bromofluorobenzene
Concen: 48.471 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 95 Resp: 131217

Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	141.6
176	69.2	0.0	138.4

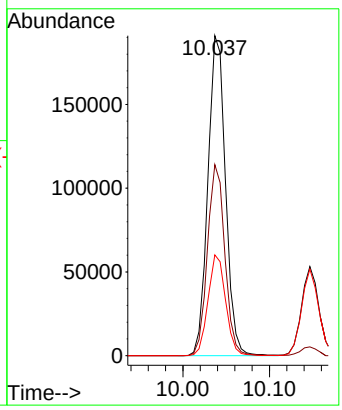




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 27004

Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.8	71.6
119	31.5	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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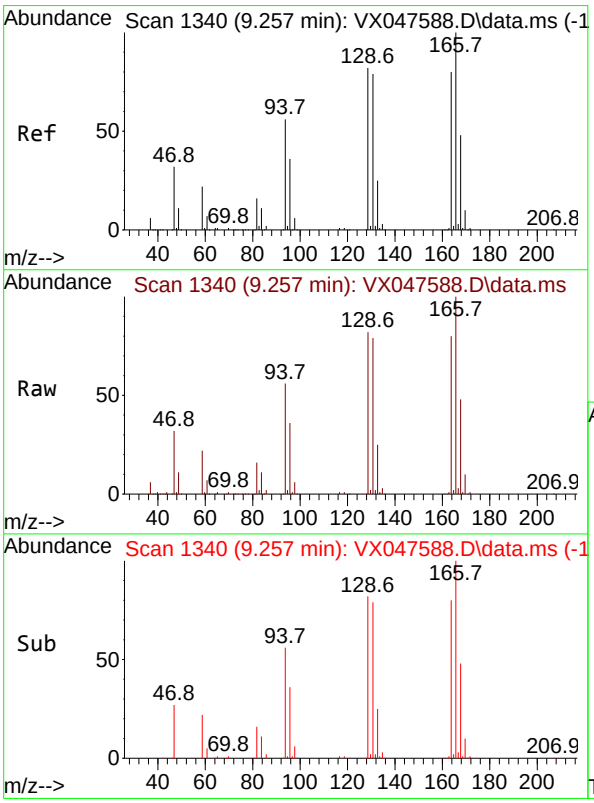
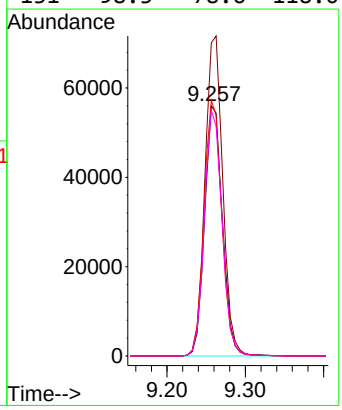
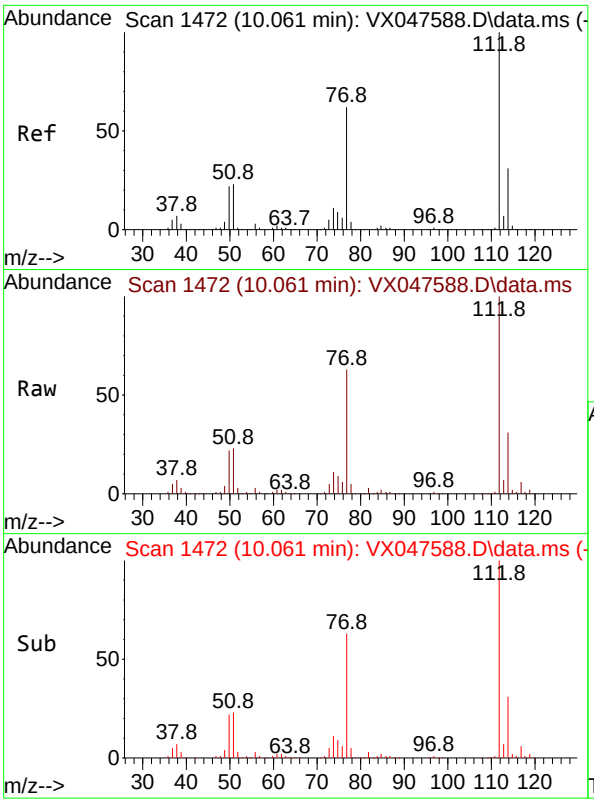


#64
Tetrachloroethene
Concen: 50.074 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:164 Resp: 88149

Ion	Ratio	Lower	Upper
164	100		
166	125.2	100.2	150.2
129	102.2	81.8	122.6
131	98.3	78.6	118.0





#65
Chlorobenzene
Concen: 51.833 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:112 Resp: 31798

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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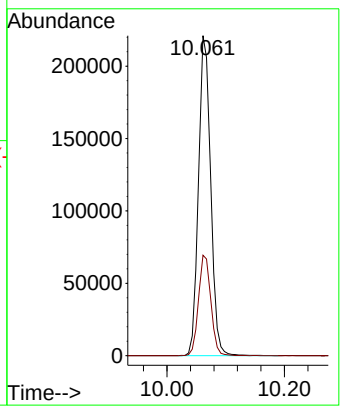
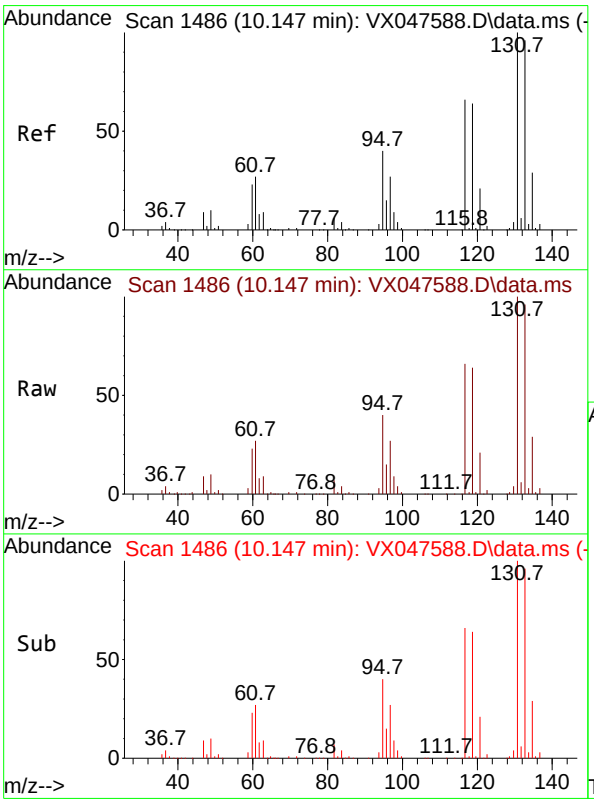
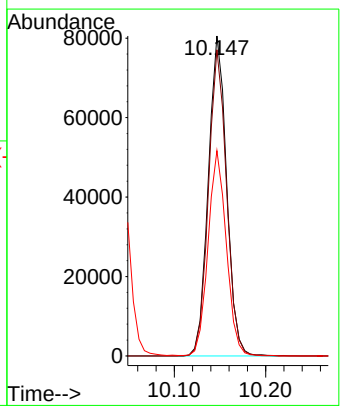


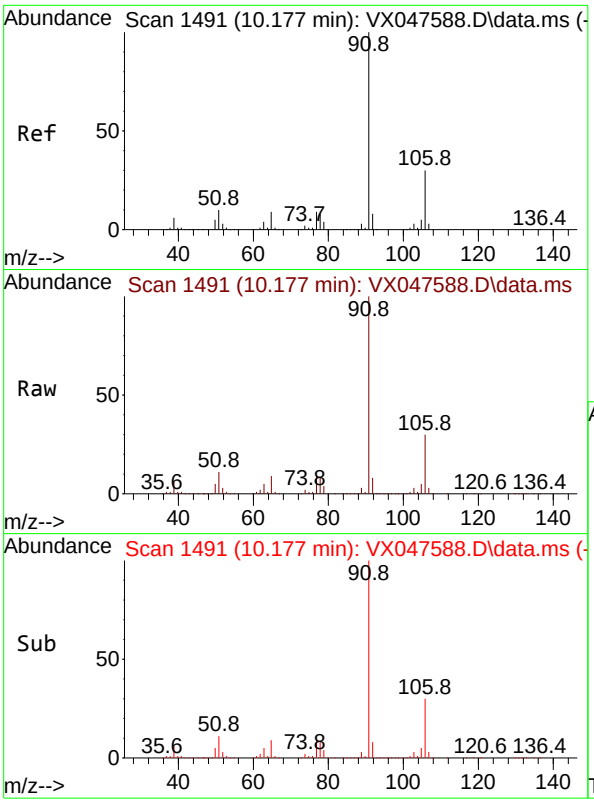


#66
1,1,1,2-Tetrachloroethane
Concen: 52.835 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:131 Resp: 111849

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.3	142.0
119	64.0	32.0	96.0

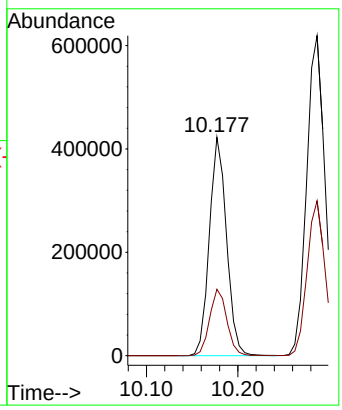




#67
Ethyl Benzene
Concen: 52.017 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 55061

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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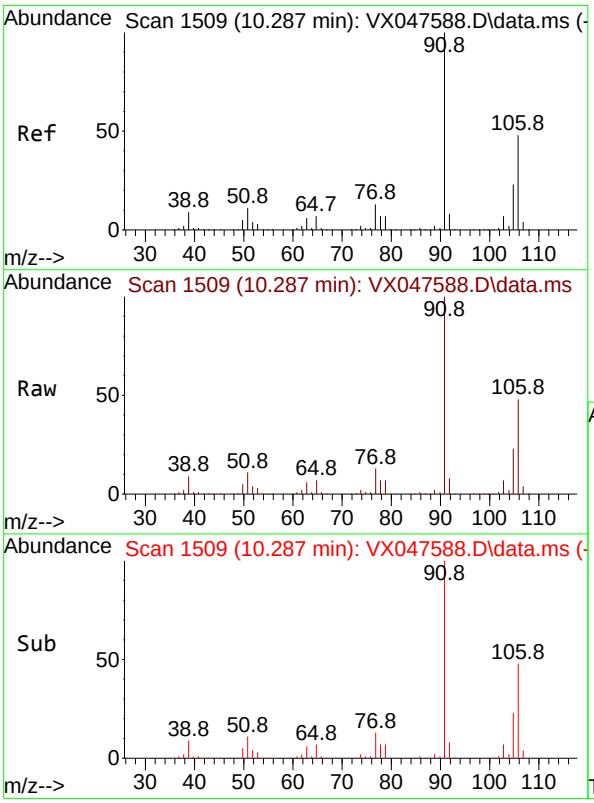
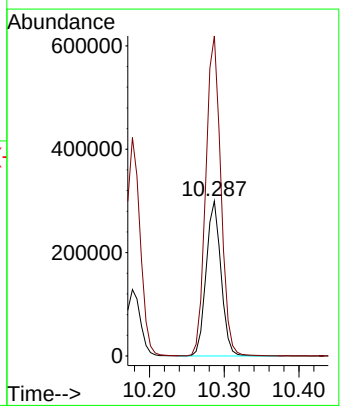
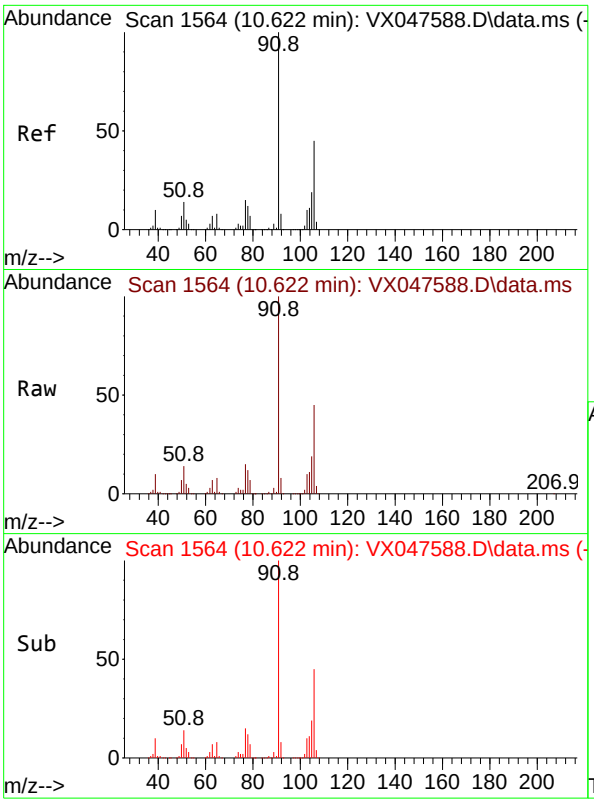


#68
m/p-Xylenes
Concen: 104.809 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:106 Resp: 412932

Ion	Ratio	Lower	Upper
106	100		
91	209.8	167.8	251.8





#69
o-Xylene
Concen: 53.084 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:106 Resp: 20229

Ion	Ratio	Lower	Upper
106	100		
91	222.3	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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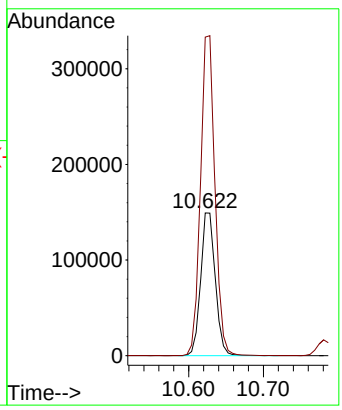
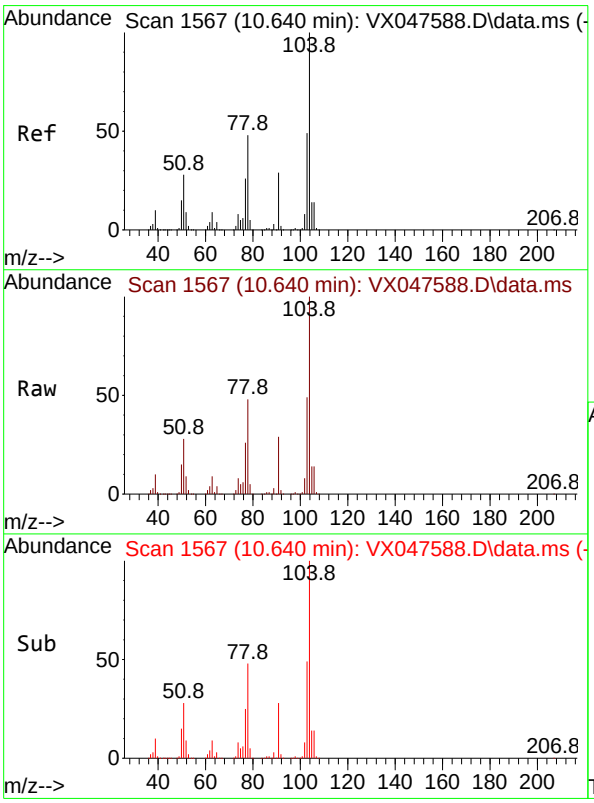
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

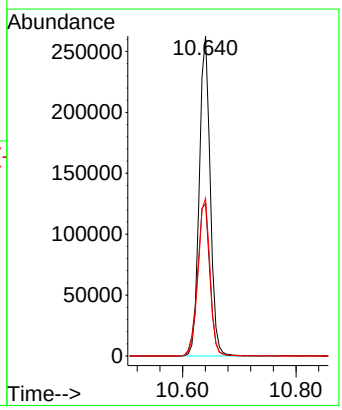


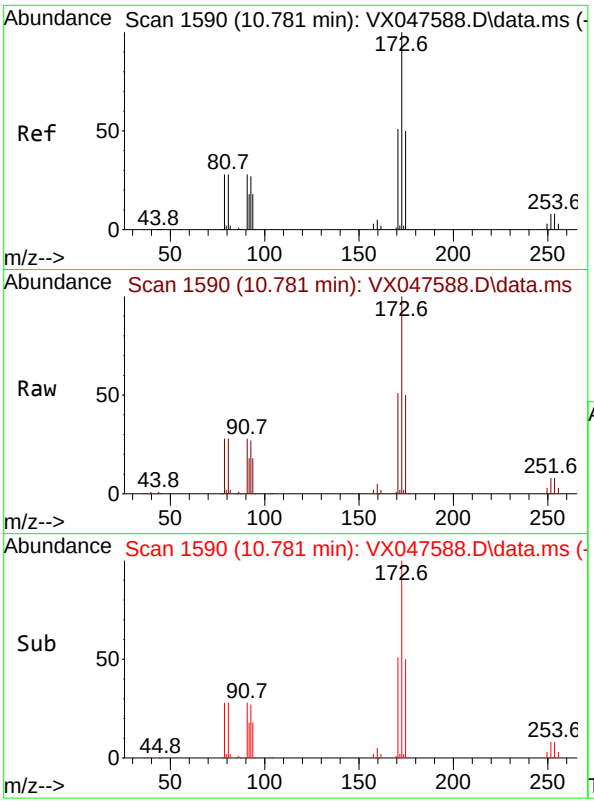


#70
Styrene
Concen: 52.515 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:104 Resp: 350654

Ion	Ratio	Lower	Upper
104	100		
78	53.9	43.1	64.7
103	53.9	43.1	64.7

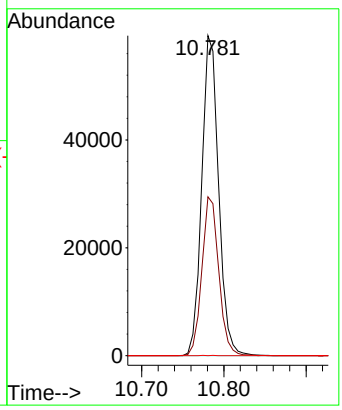




#71
Bromoform
Concen: 53.447 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:173 Resp: 8448

Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.6
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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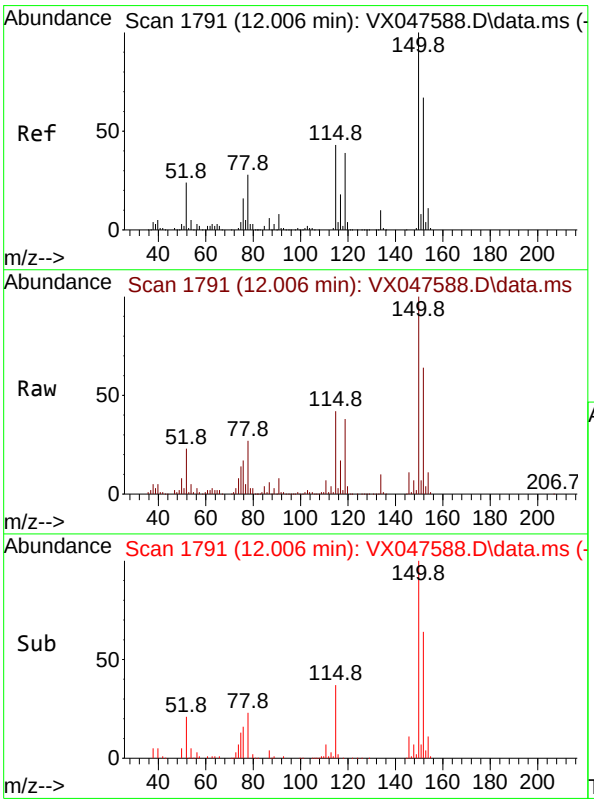
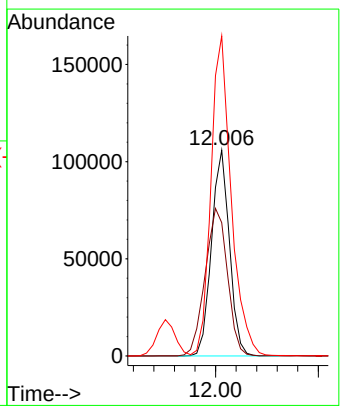
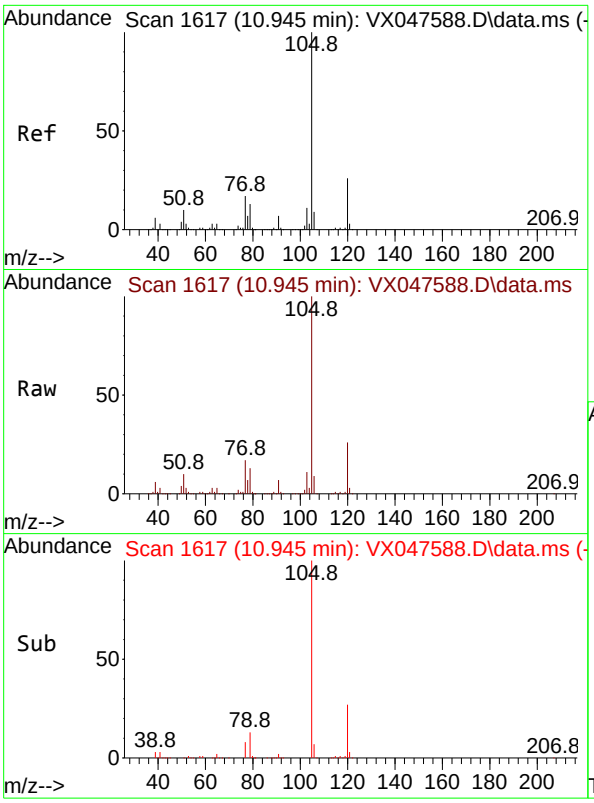


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:152 Resp: 127732

Ion	Ratio	Lower	Upper
152	100		
115	89.7	44.9	134.5
150	176.0	0.0	352.0

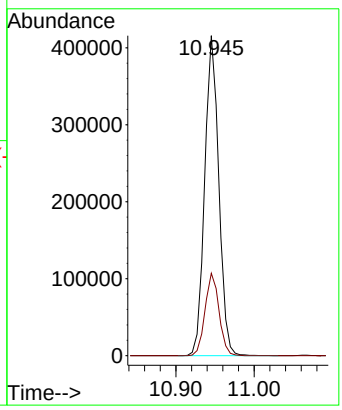




#73
Isopropylbenzene
Concen: 53.227 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 51689

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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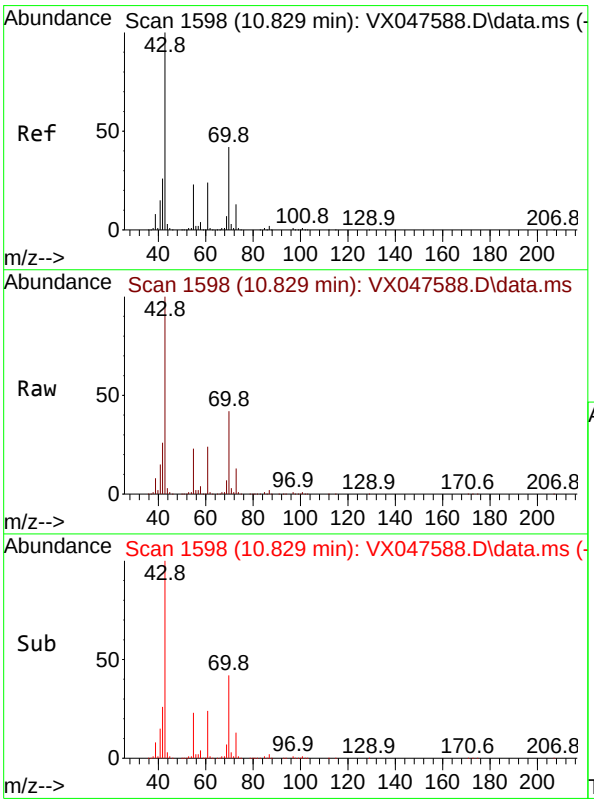
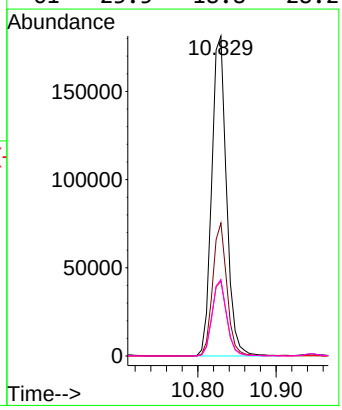
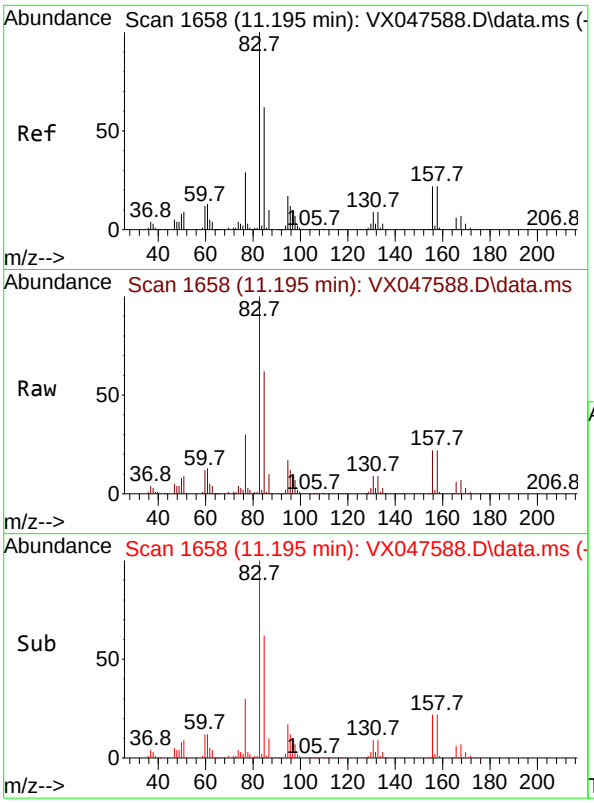


#74
N-amyl acetate
Concen: 53.710 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 237846

Ion	Ratio	Lower	Upper
43	100		
70	40.0	32.0	48.0
55	23.6	18.9	28.3
61	23.5	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.251 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 15645

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	63.3	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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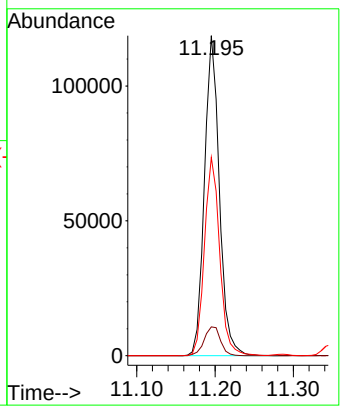
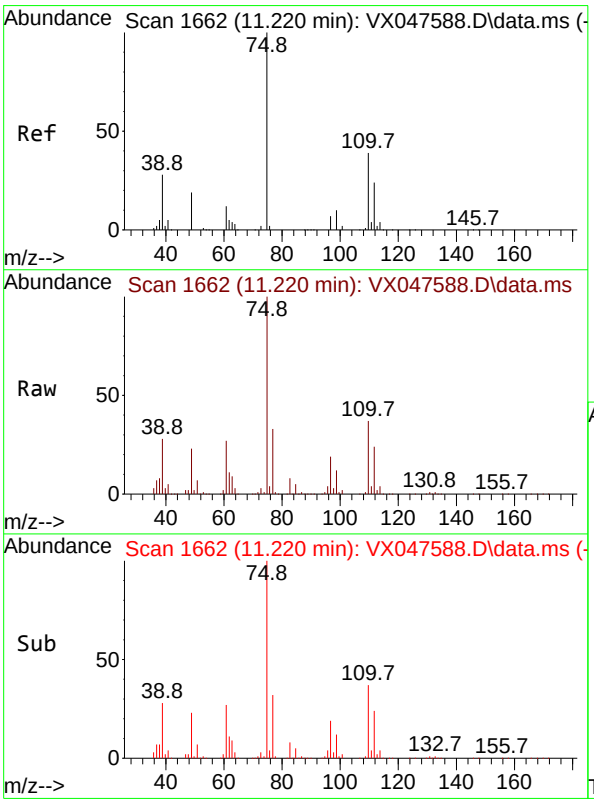
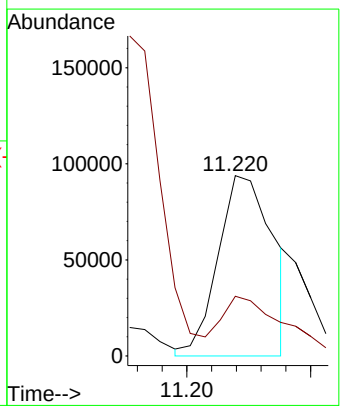


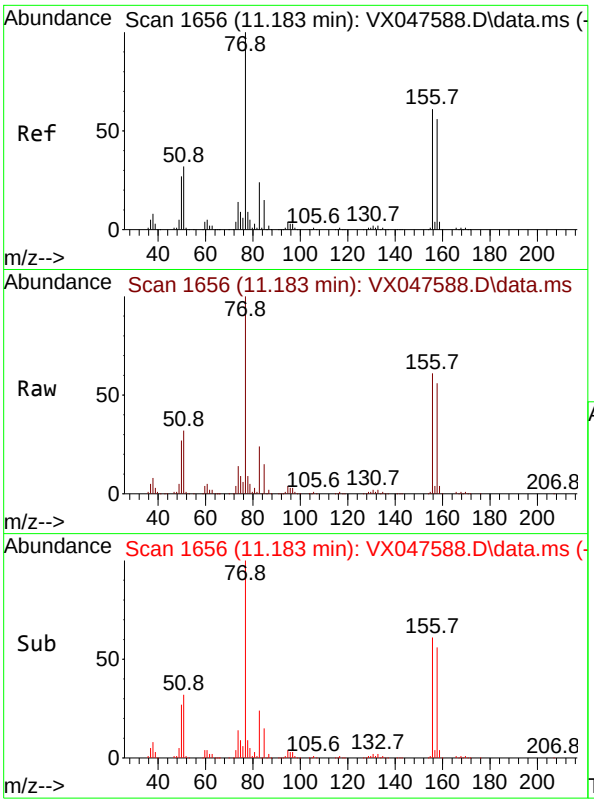


#76
1,2,3-Trichloropropane
Concen: 54.322 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 144074

Ion	Ratio	Lower	Upper
75	100		
77	37.6	18.8	56.4





#77
Bromobenzene
Concen: 52.754 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

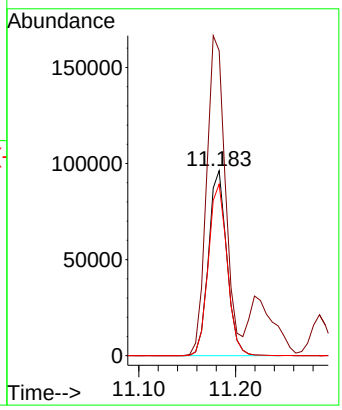
Tgt Ion:156 Resp: 12617

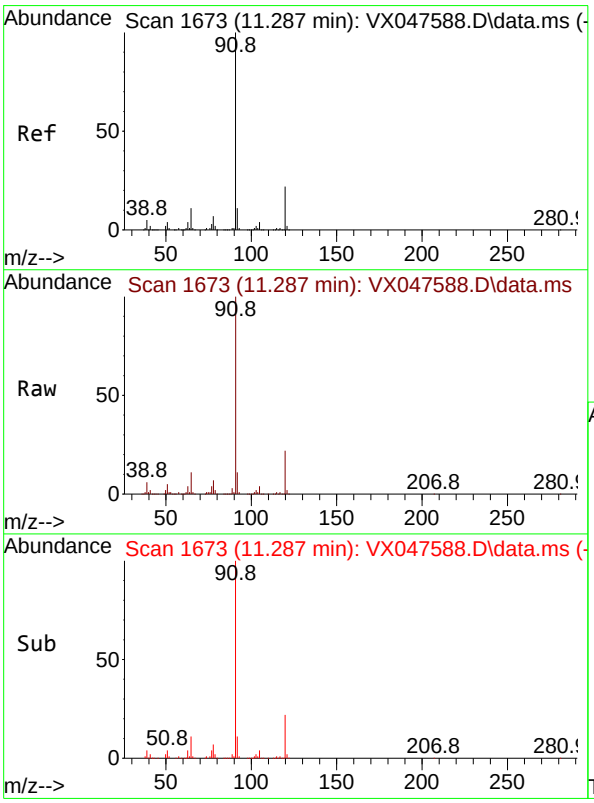
Ion	Ratio	Lower	Upper
156	100		
77	179.4	89.7	269.1
158	95.7	47.9	143.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

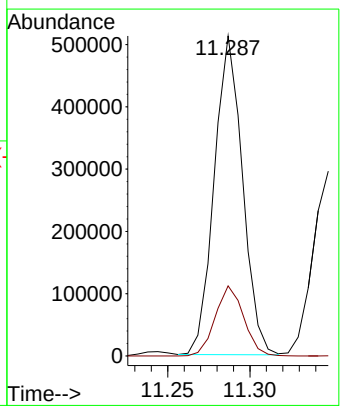


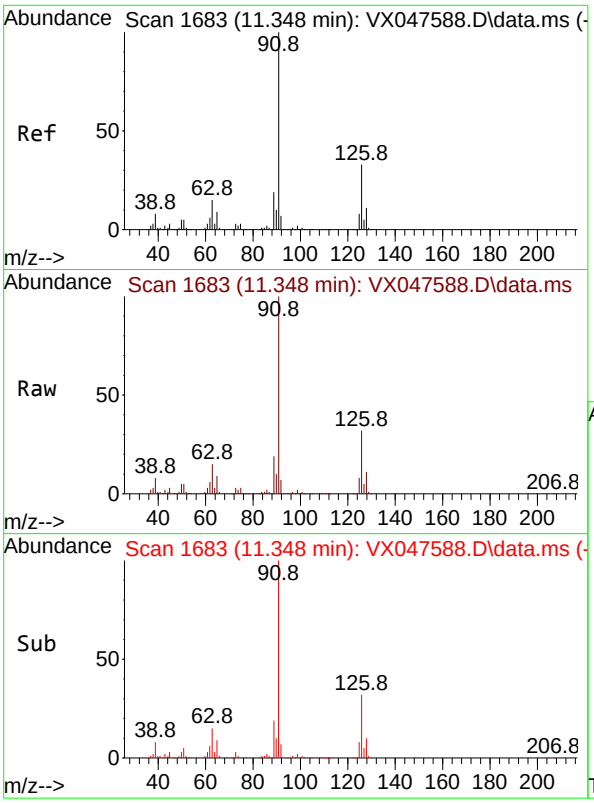


#78
n-propylbenzene
Concen: 53.315 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 612035

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#79
2-Chlorotoluene
Concen: 52.965 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 37239

Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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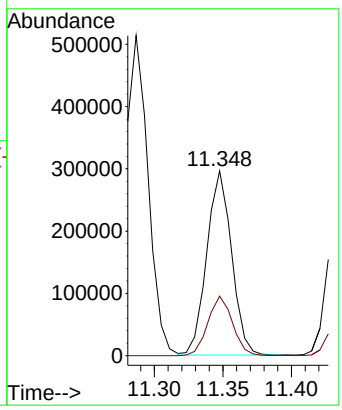
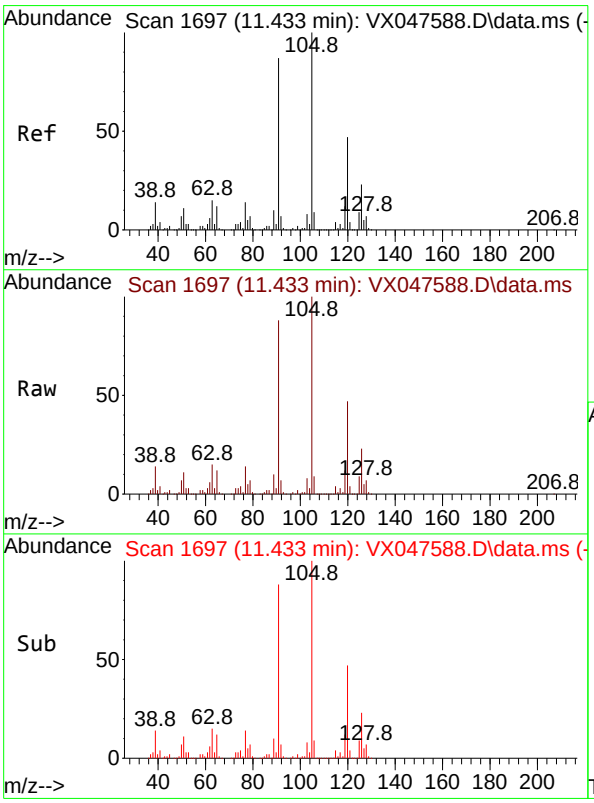
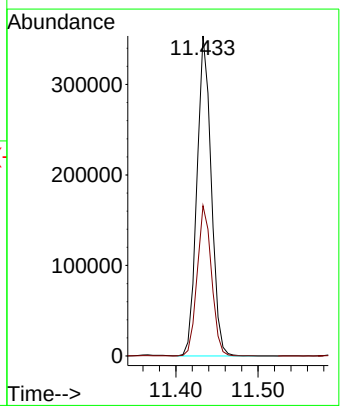


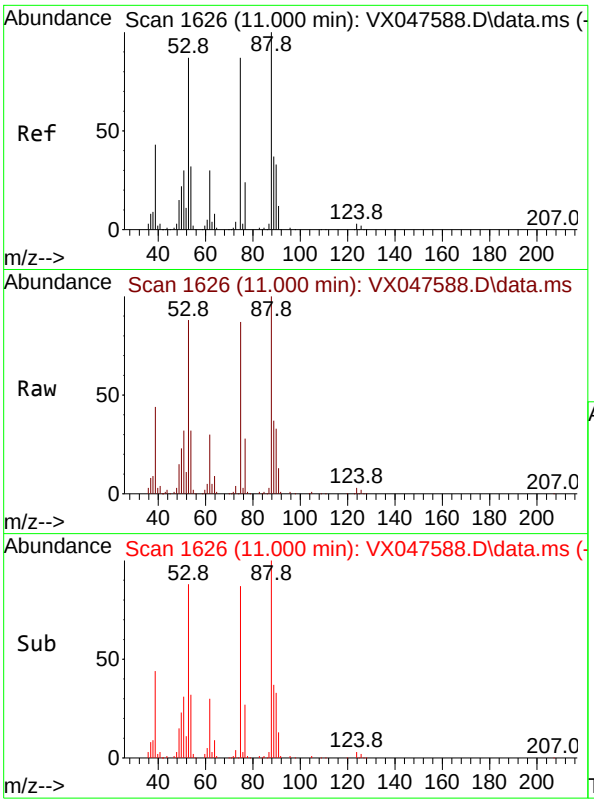


#80
1,3,5-Trimethylbenzene
Concen: 53.518 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 426989

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8

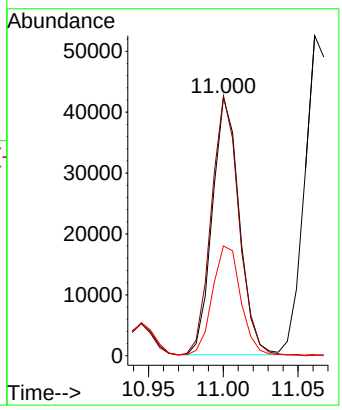




#81
trans-1,4-Dichloro-2-butene
Concen: 52.190 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 5292

Ion	Ratio	Lower	Upper
75	100		
53	104.3	83.4	125.2
89	45.4	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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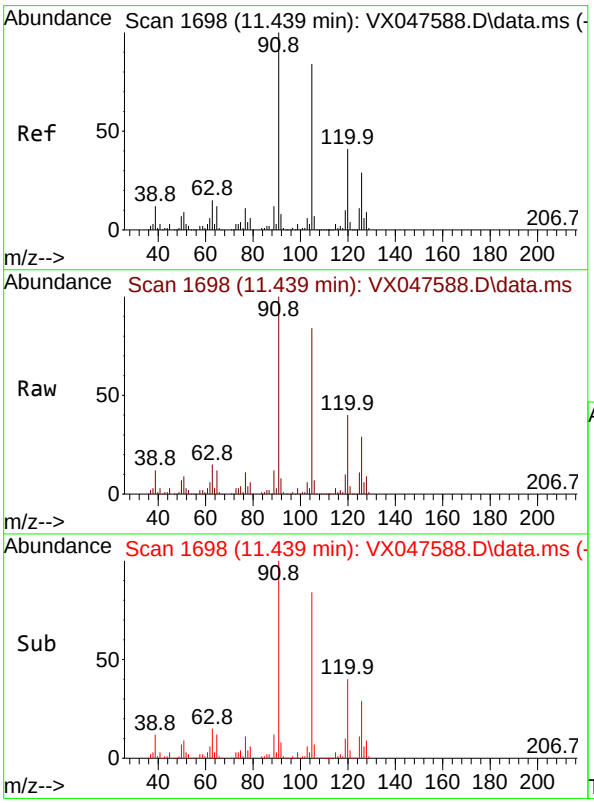
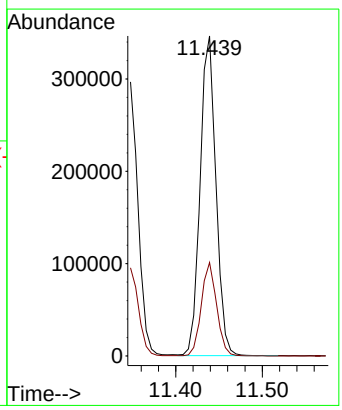
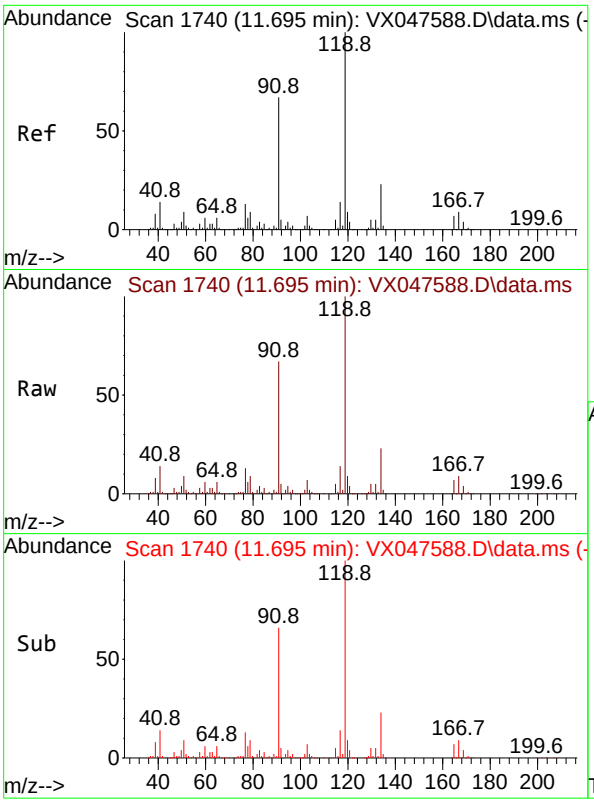


#82
4-Chlorotoluene
Concen: 52.806 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 438502

Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.2	42.6

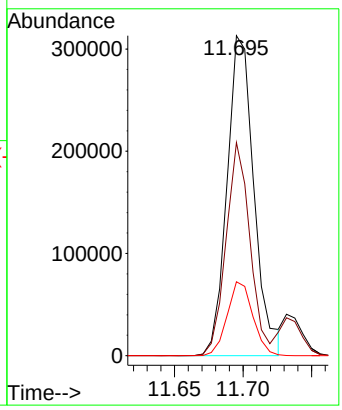




#83
tert-Butylbenzene
Concen: 52.539 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:119 Resp: 42910

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	22.0	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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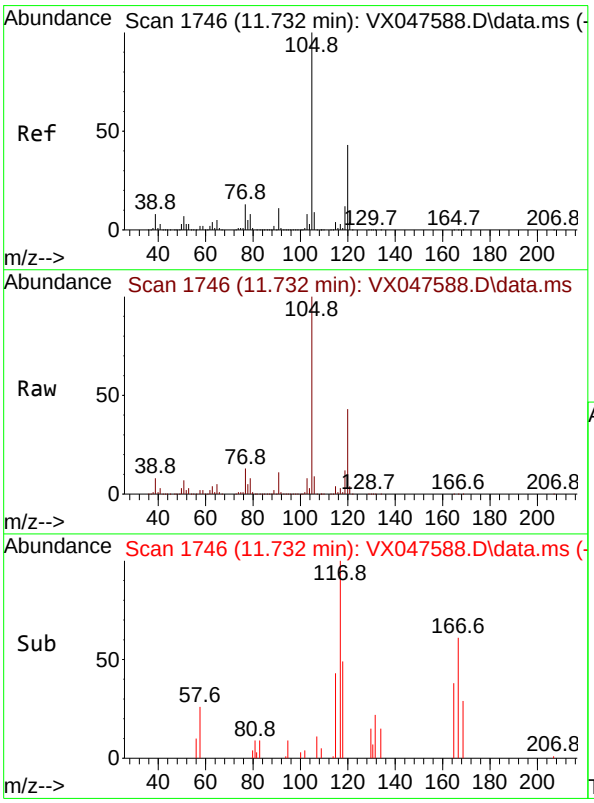
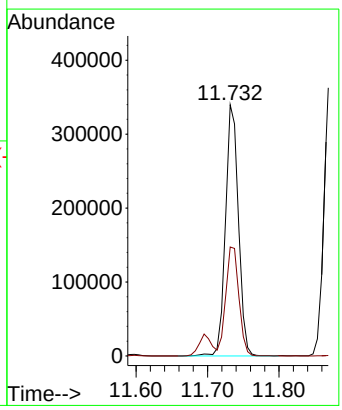
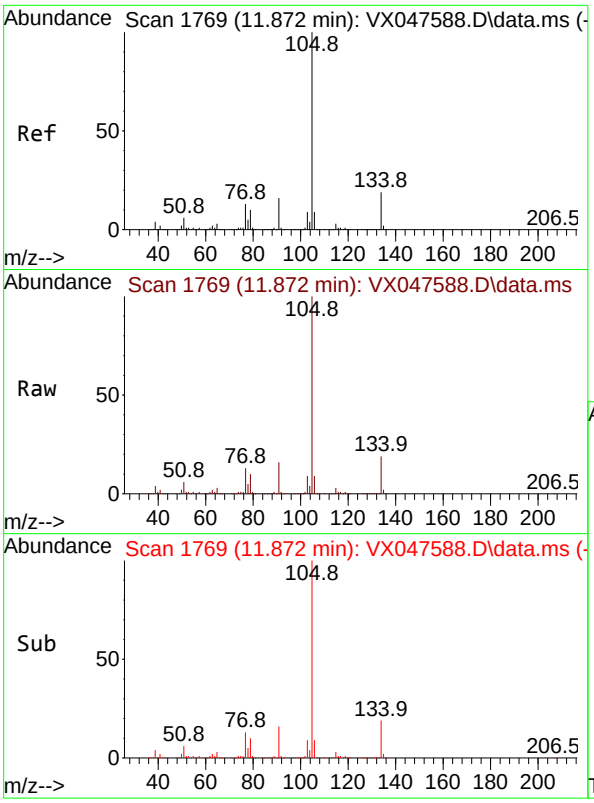


#84
1,2,4-Trimethylbenzene
Concen: 52.798 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 427073

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1

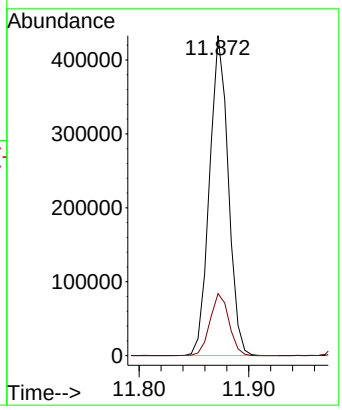




#85
sec-Butylbenzene
Concen: 53.029 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 51444

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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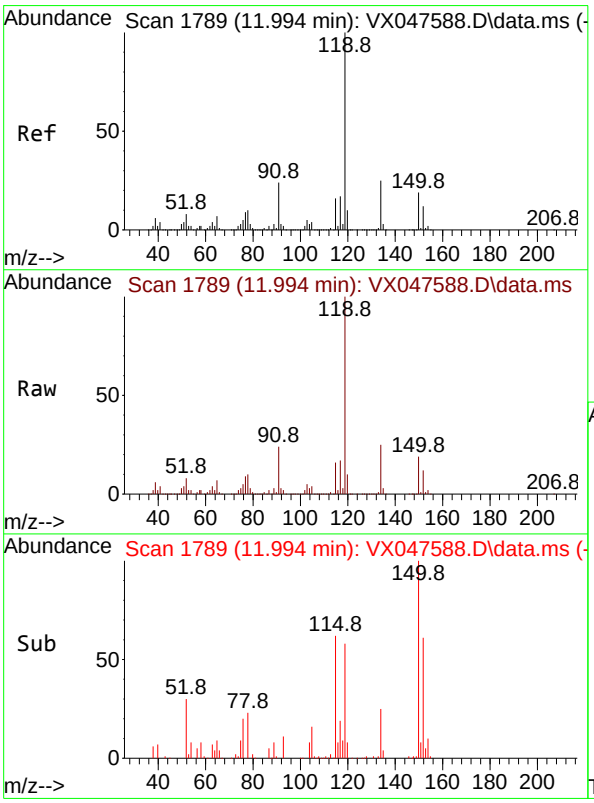
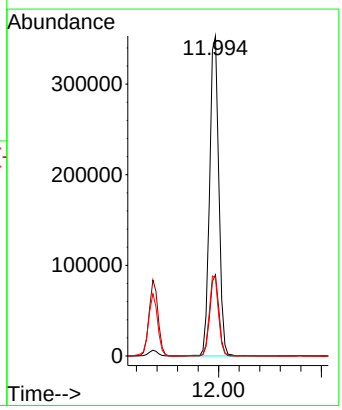
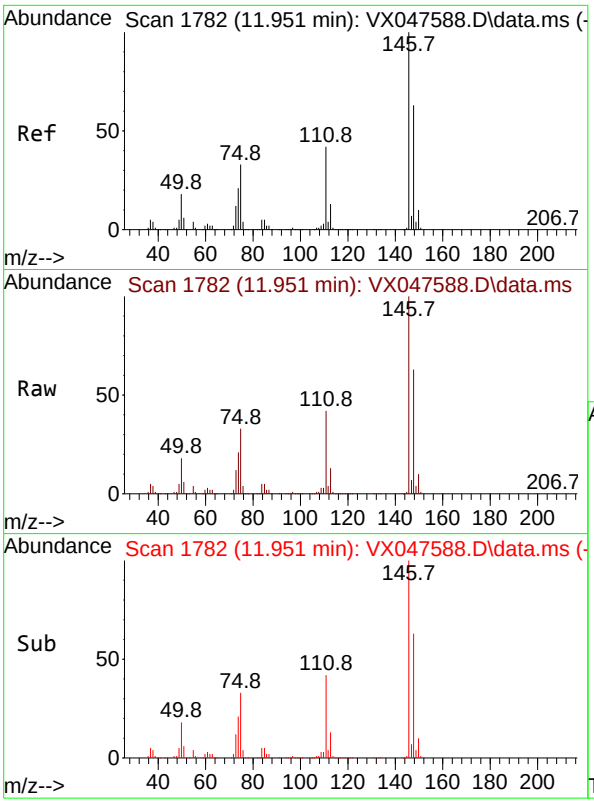


#86
p-Isopropyltoluene
Concen: 53.172 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:119 Resp: 436704

Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.6	37.8
91	25.1	12.6	37.6

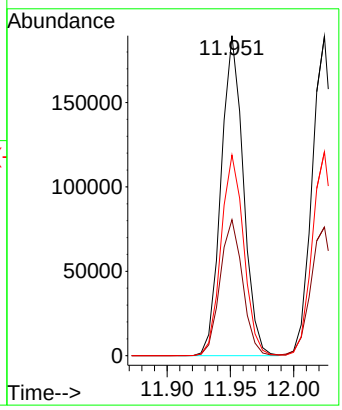




#87
1,3-Dichlorobenzene
Concen: 52.232 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:146 Resp: 23203

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	64.0	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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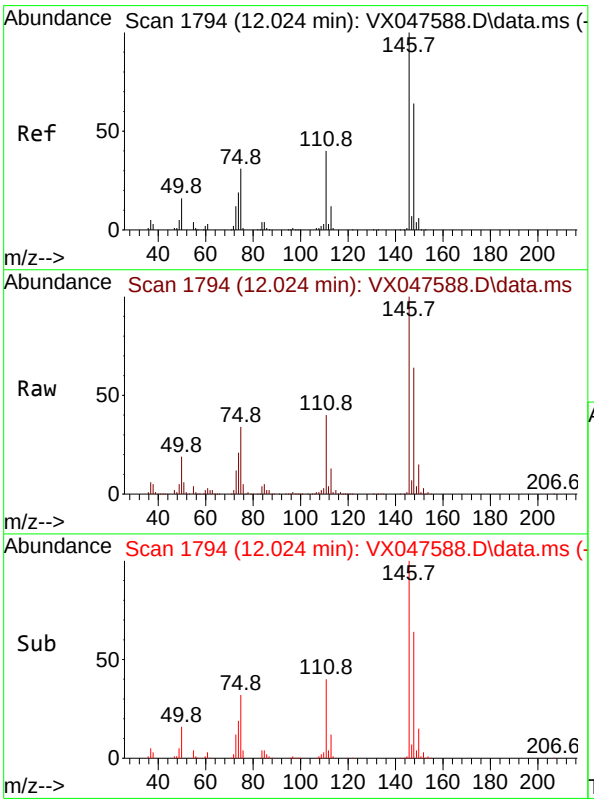
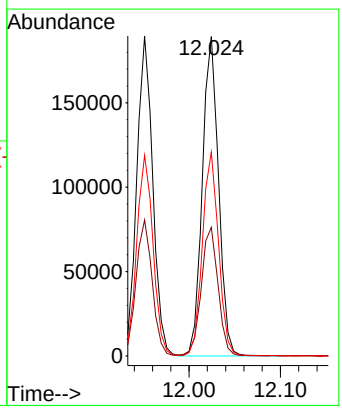
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

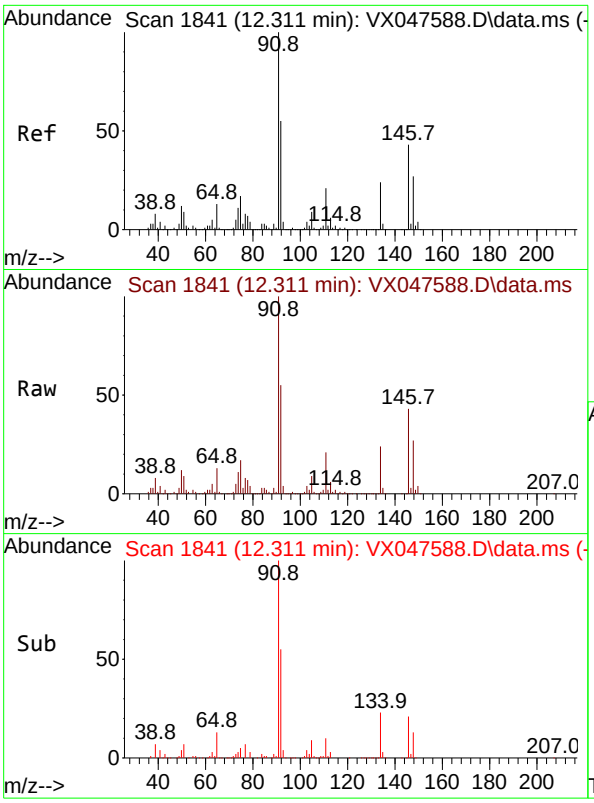


#88
1,4-Dichlorobenzene
Concen: 51.316 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:146 Resp: 233975

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.4	31.7	95.1





#89
n-Butylbenzene
Concen: 52.766 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 40099

Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	25.2	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

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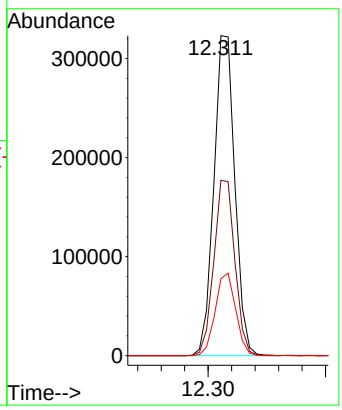
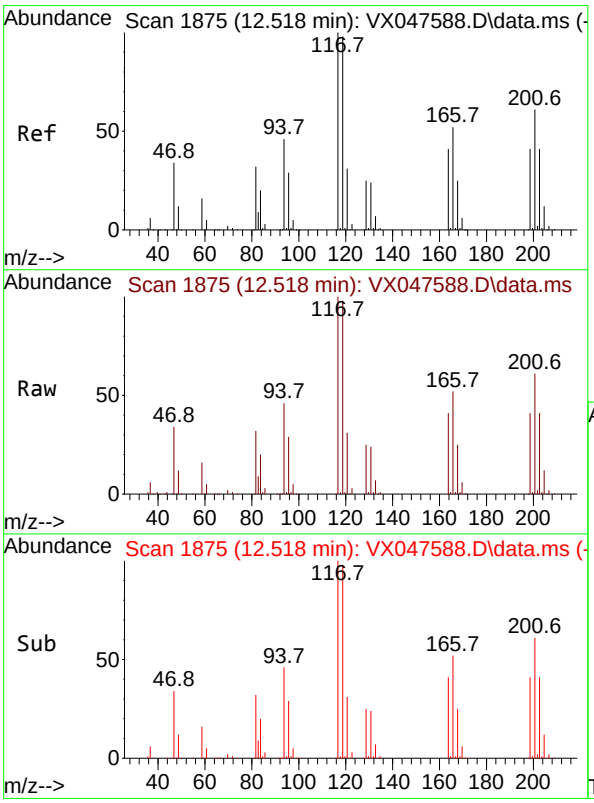
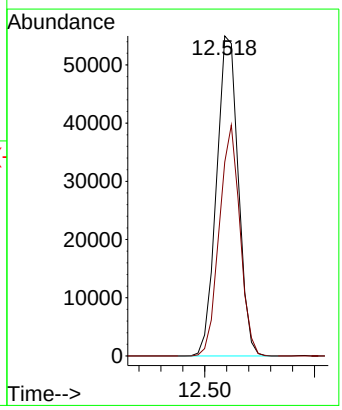


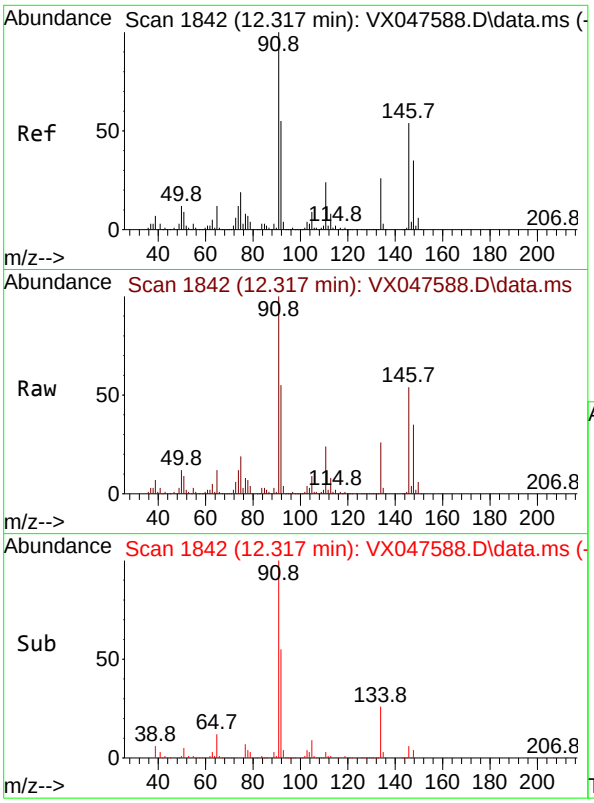


#90
Hexachloroethane
Concen: 52.567 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 75800

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.2	102.5

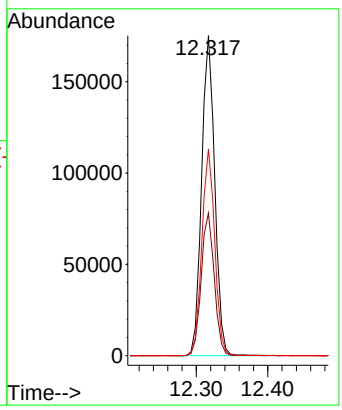




#91
1,2-Dichlorobenzene
Concen: 52.688 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:146 Resp: 22299

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	63.6	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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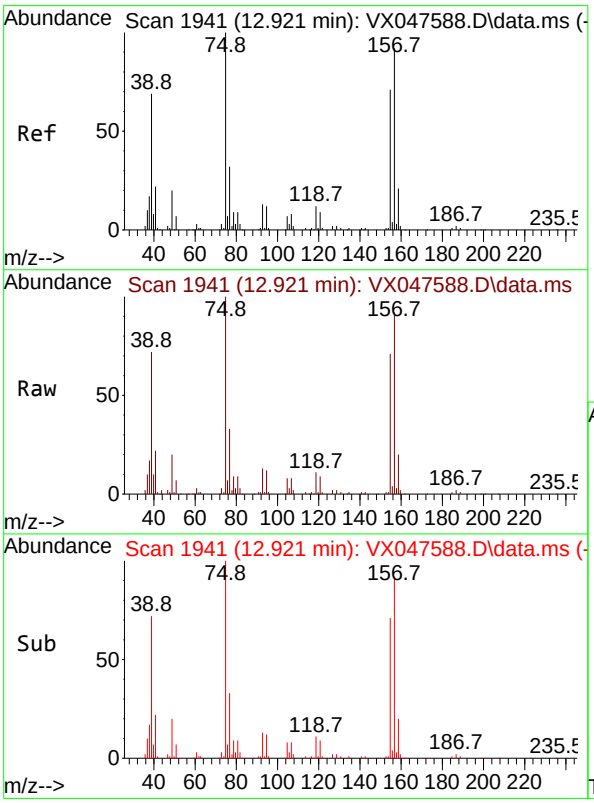
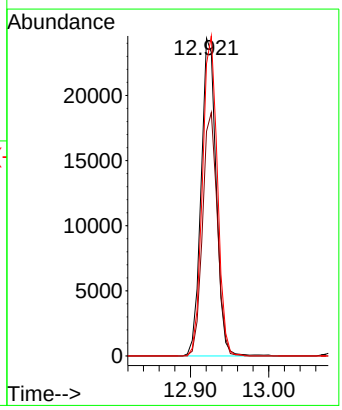
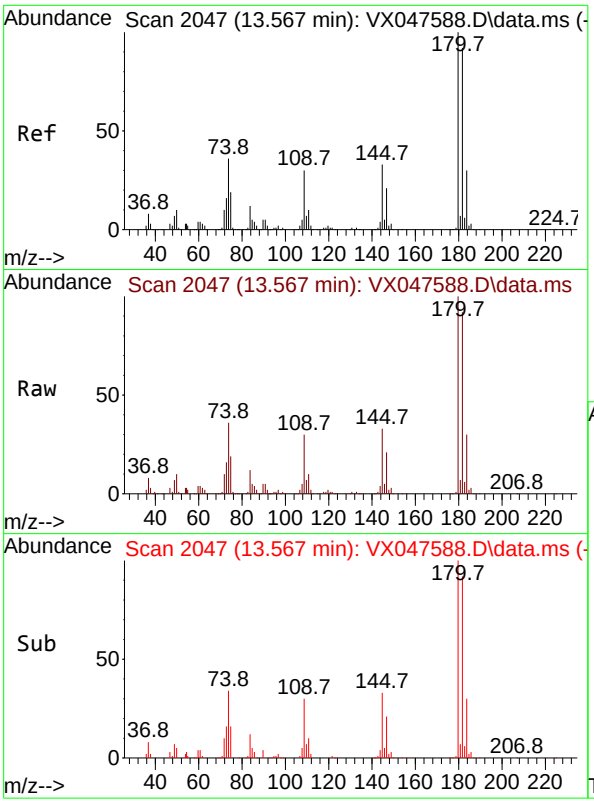


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.554 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 32451

Ion	Ratio	Lower	Upper
75	100		
155	75.4	37.7	113.1
157	99.6	49.8	149.4

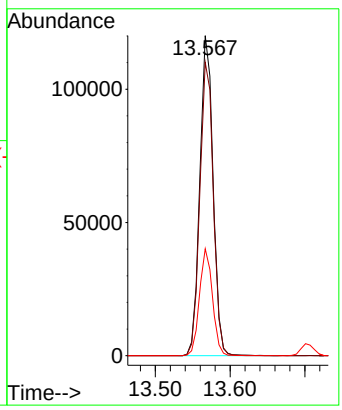




#93
1,2,4-Trichlorobenzene
Concen: 53.685 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:180 Resp: 14767

Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	32.7	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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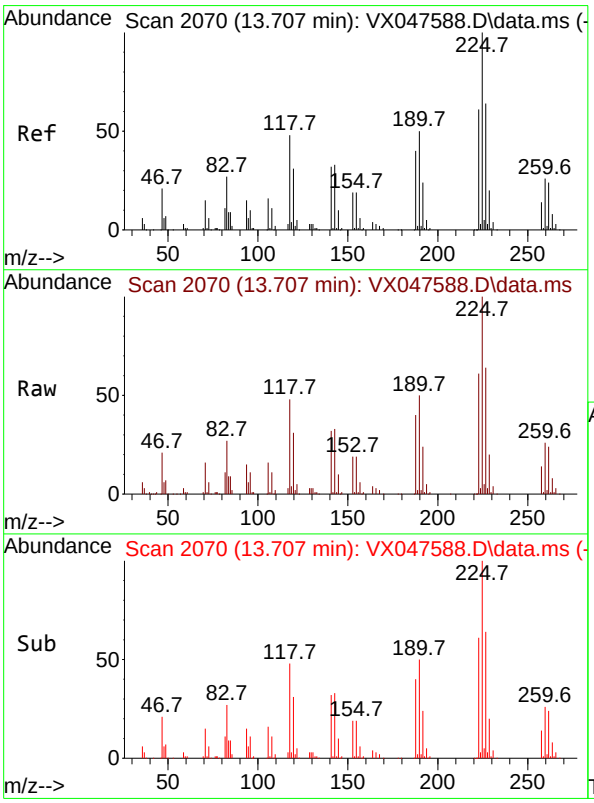
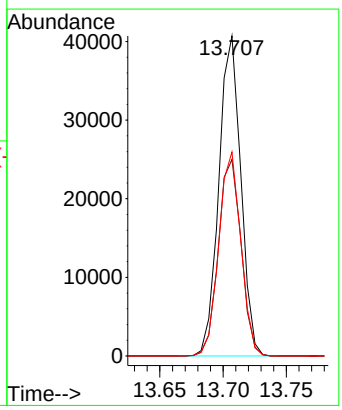
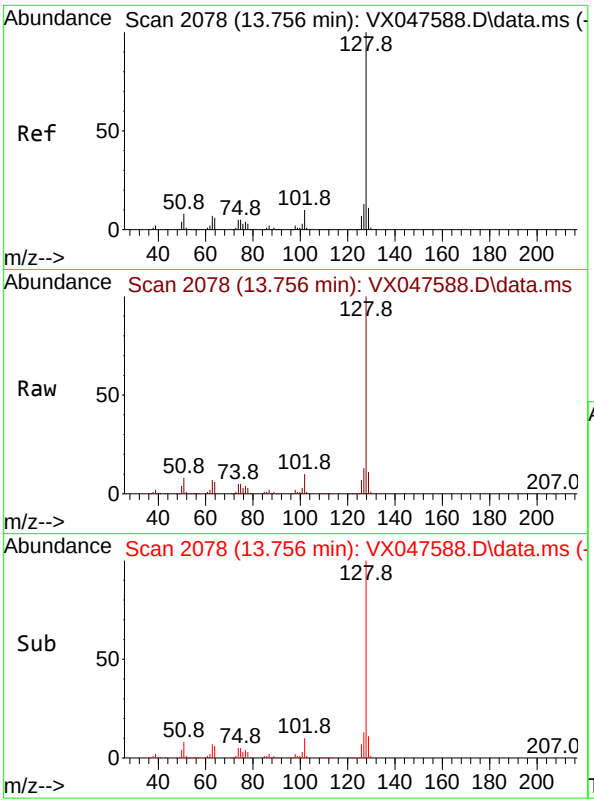


#94
Hexachlorobutadiene
Concen: 52.510 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:225 Resp: 49061

Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.7	95.1
227	64.0	32.0	96.0

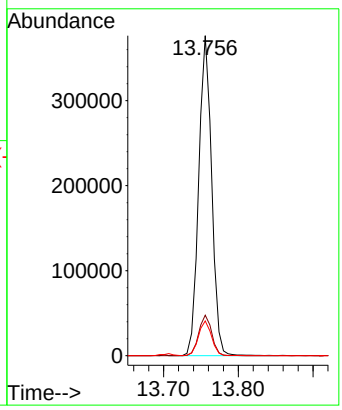




#95
Naphthalene
Concen: 53.966 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:128 Resp: 45201

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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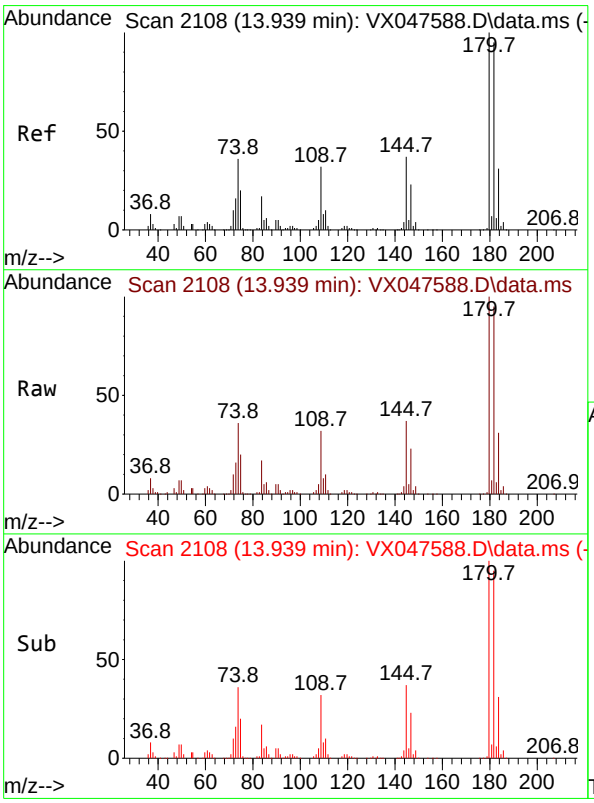
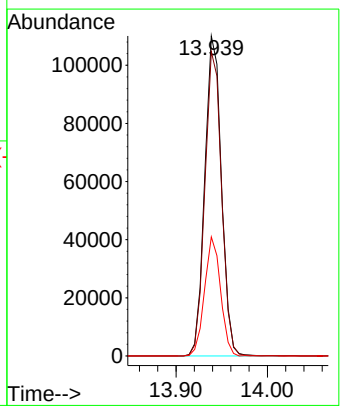
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.316 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:180 Resp: 138978

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	35.8	17.9	53.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	169280	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	298913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	275758	102.341	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 204.680%#			
35) Dibromofluoromethane	5.361	113	212419	105.962	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 211.920%#			
50) Toluene-d8	8.629	98	724078	104.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 208.780%#			
62) 4-Bromofluorobenzene	11.061	95	270289	102.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.340%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	172727	98.537	ug/l	100
3) Chloromethane	1.301	50	229165	99.472	ug/l	100
4) Vinyl Chloride	1.380	62	229175	101.621	ug/l	100
5) Bromomethane	1.611	94	143113	100.076	ug/l	99
6) Chloroethane	1.691	64	152487	101.167	ug/l	99
7) Trichlorofluoromethane	1.892	101	344488	102.878	ug/l	100
8) Diethyl Ether	2.130	74	142038	103.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	199843	102.067	ug/l	99
10) Methyl Iodide	2.453	142	313092	102.531	ug/l	99
11) Tert butyl alcohol	2.947	59	152108	506.863	ug/l	98
12) 1,1-Dichloroethene	2.319	96	206097	102.473	ug/l	93
13) Acrolein	2.233	56	150793	545.276	ug/l	97
14) Allyl chloride	2.660	41	415140	100.028	ug/l	99
15) Acrylonitrile	3.056	53	581240	522.897	ug/l	100
16) Acetone	2.374	43	510542	435.772	ug/l	100
17) Carbon Disulfide	2.514	76	537888	97.693	ug/l	98
18) Methyl Acetate	2.697	43	292867	112.324	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	748952	102.011	ug/l	100
20) Methylene Chloride	2.782	84	242548	97.805	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	217759	100.566	ug/l	98
22) Diisopropyl ether	3.745	45	811840	100.934	ug/l	88
23) Vinyl Acetate	3.709	43	3314707	514.916	ug/l	99
24) 1,1-Dichloroethane	3.599	63	435815	101.944	ug/l	98
25) 2-Butanone	4.532	43	700827	479.558	ug/l	97
26) 2,2-Dichloropropane	4.465	77	357292	100.542	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	266550	100.516	ug/l	100
28) Bromochloromethane	4.873	49	198788	106.512	ug/l	99
29) Tetrahydrofuran	4.977	42	443530	504.502	ug/l	99
30) Chloroform	5.074	83	433937	100.447	ug/l	100
31) Cyclohexane	5.452	56	332995	93.523	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	372323	101.607	ug/l	99
36) 1,1-Dichloropropene	5.672	75	281650	96.149	ug/l	98
37) Ethyl Acetate	4.690	43	318793	101.641	ug/l	99
38) Carbon Tetrachloride	5.660	117	314745	98.891	ug/l	98
39) Methylcyclohexane	7.360	83	327858	98.600	ug/l	98
40) Benzene	6.019	78	880885	99.009	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.891	41	168753	104.220 ug/l	99
42) 1,2-Dichloroethane	6.062	62	331465	97.916 ug/l	100
43) Isopropyl Acetate	6.318	43	516875	100.482 ug/l	99
44) Trichloroethene	7.104	130	217753	101.234 ug/l	96
45) 1,2-Dichloropropane	7.409	63	228150	100.145 ug/l	100
46) Dibromomethane	7.562	93	164987	99.519 ug/l	99
47) Bromodichloromethane	7.806	83	345991	101.136 ug/l	98
48) Methyl methacrylate	7.671	41	260358	101.612 ug/l	100
49) 1,4-Dioxane	7.641	88	56717	2190.315 ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	1431253	501.834 ug/l	100
52) Toluene	8.702	92	536148	97.811 ug/l	99
53) t-1,3-Dichloropropene	8.958	75	355881	101.986 ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	380577	102.038 ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	205939	97.434 ug/l	97
56) Ethyl methacrylate	9.098	69	346659	104.435 ug/l	99
57) 1,3-Dichloropropane	9.293	76	362848	99.935 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	836362	499.814 ug/l	100
59) 2-Hexanone	9.415	43	996274	486.380 ug/l	100
60) Dibromochloromethane	9.506	129	251394	103.226 ug/l	99
61) 1,2-Dibromoethane	9.592	107	217751	101.147 ug/l	100
64) Tetrachloroethene	9.256	164	165559	98.284 ug/l	98
65) Chlorobenzene	10.061	112	588517	100.253 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	208621	102.988 ug/l	100
67) Ethyl Benzene	10.177	91	1031346	101.823 ug/l	100
68) m/p-Xylenes	10.287	106	763898	202.624 ug/l	99
69) o-Xylene	10.622	106	372621	102.186 ug/l	99
70) Styrene	10.634	104	649863	101.710 ug/l	100
71) Bromoform	10.781	173	161188	106.566 ug/l	98
73) Isopropylbenzene	10.945	105	954900	102.768 ug/l	100
74) N-amyl acetate	10.823	43	448344	105.812 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	281608	100.172 ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	229521m	90.444 ug/l	
77) Bromobenzene	11.183	156	234666	102.541 ug/l	98
78) n-propylbenzene	11.287	91	1119728	101.941 ug/l	99
79) 2-Chlorotoluene	11.348	91	683867	101.652 ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	787327	103.134 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	102555	105.689 ug/l	98
82) 4-Chlorotoluene	11.433	91	802929	101.054 ug/l	100
83) tert-Butylbenzene	11.695	119	791896	101.333 ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	790557	102.144 ug/l	99
85) sec-Butylbenzene	11.872	105	945321	101.840 ug/l	100
86) p-Isopropyltoluene	11.994	119	797643	101.501 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	432248	101.689 ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	431839	98.985 ug/l	100
89) n-Butylbenzene	12.311	91	757239	104.138 ug/l	99
90) Hexachloroethane	12.518	117	148048	107.304 ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	414491	102.352 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	61029	107.225 ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	278777	105.922 ug/l	100
94) Hexachlorobutadiene	13.707	225	92124	103.049 ug/l	99
95) Naphthalene	13.756	128	854492	106.620 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	263512	107.633 ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
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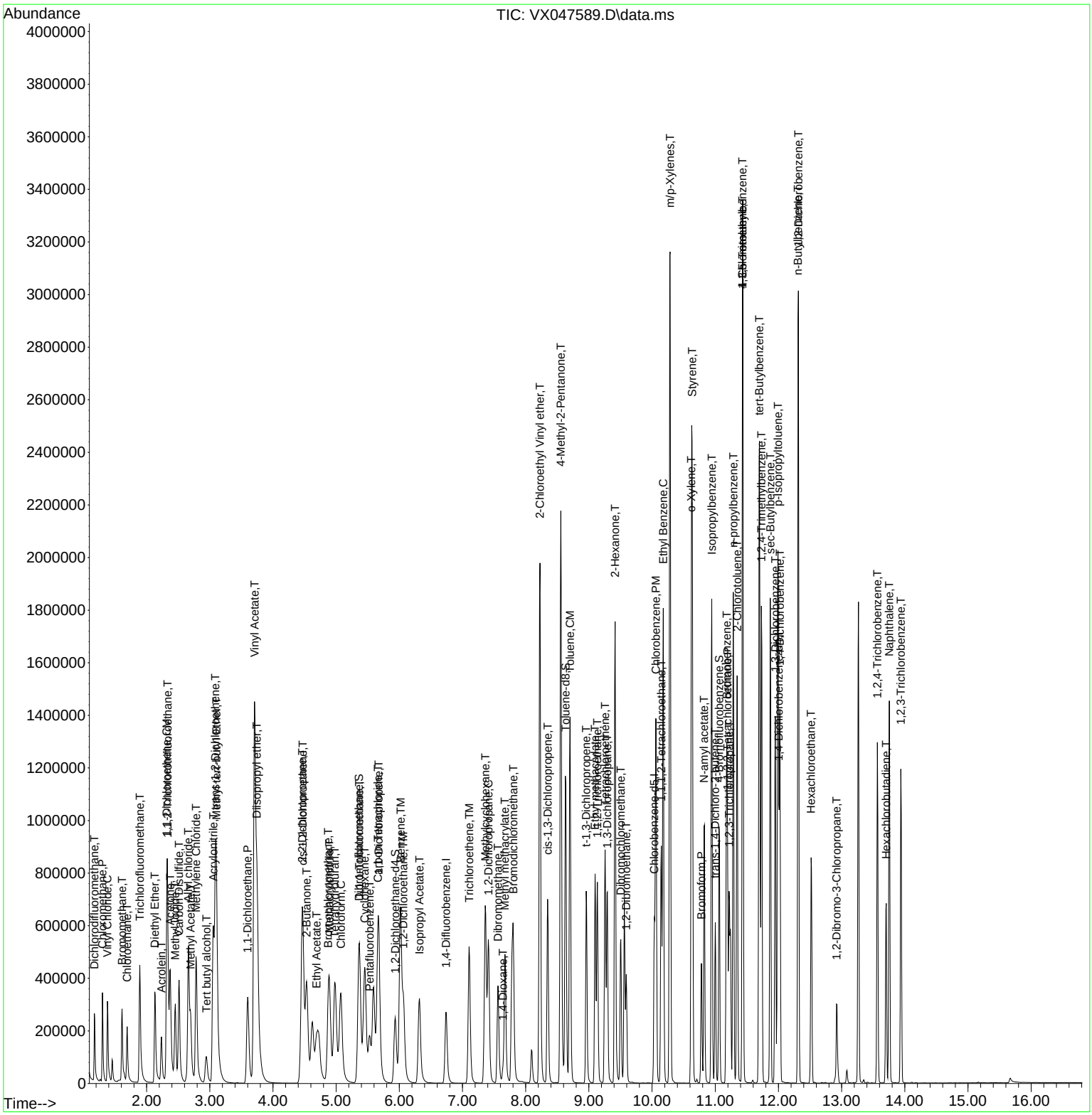
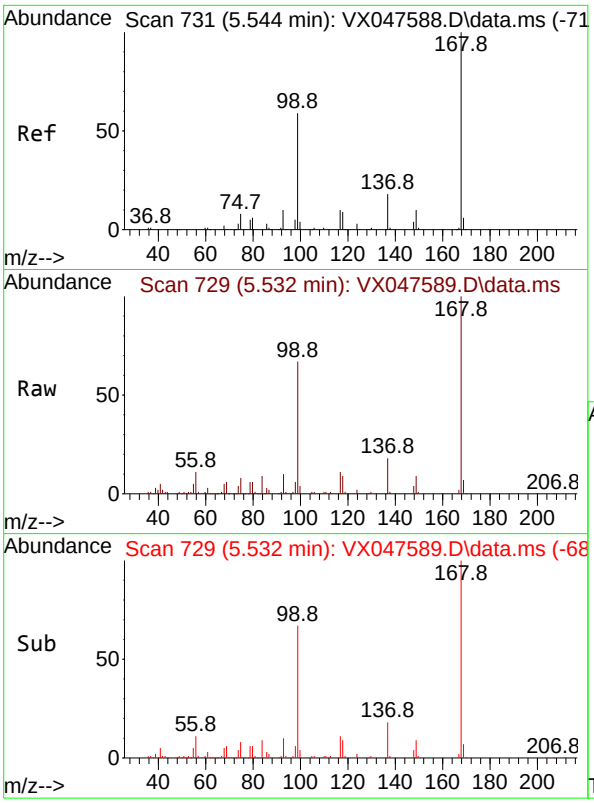
Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

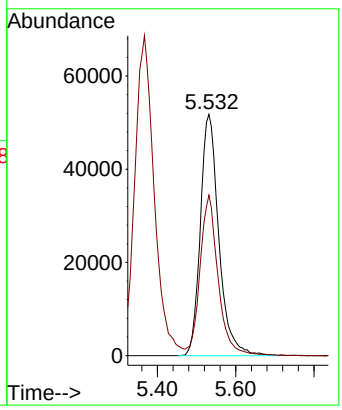




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:168 Resp: 16928

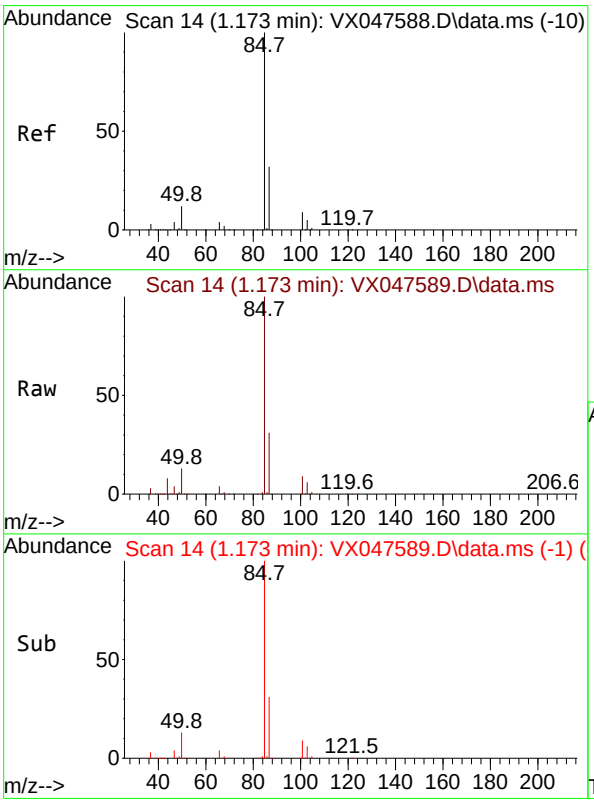
Ion	Ratio	Lower	Upper
168	100		
99	66.4	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

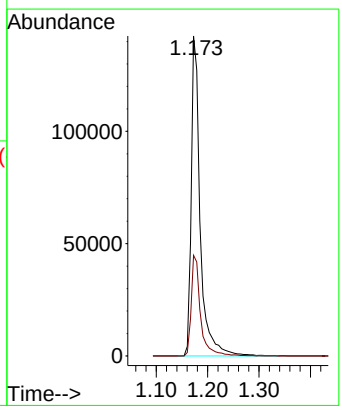
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

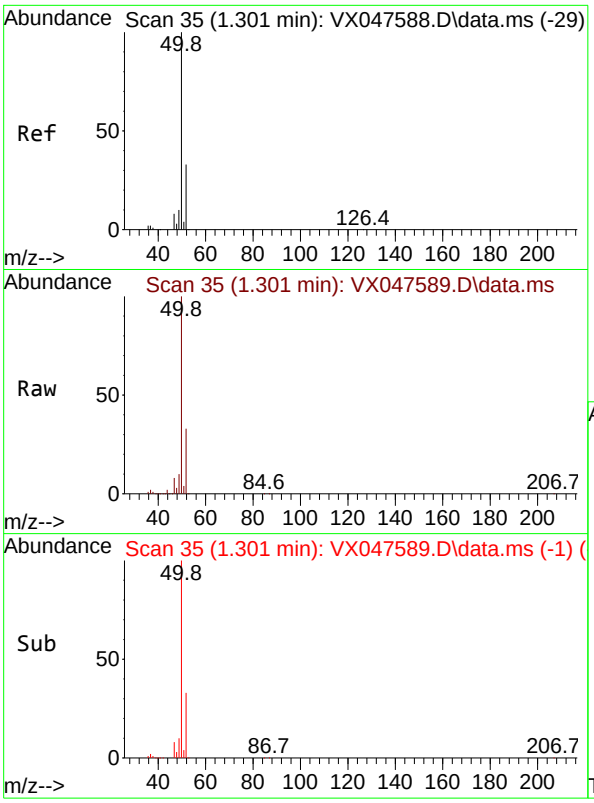


#2
Dichlorodifluoromethane
Concen: 98.537 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 85 Resp: 172727

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.8	47.3

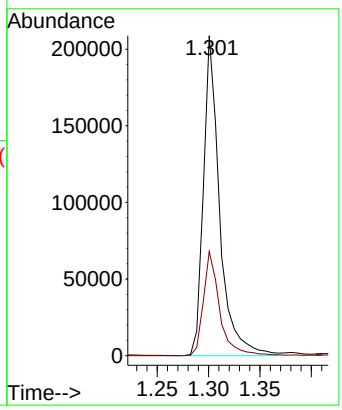




#3
Chloromethane
Concen: 99.472 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 50 Resp: 22916

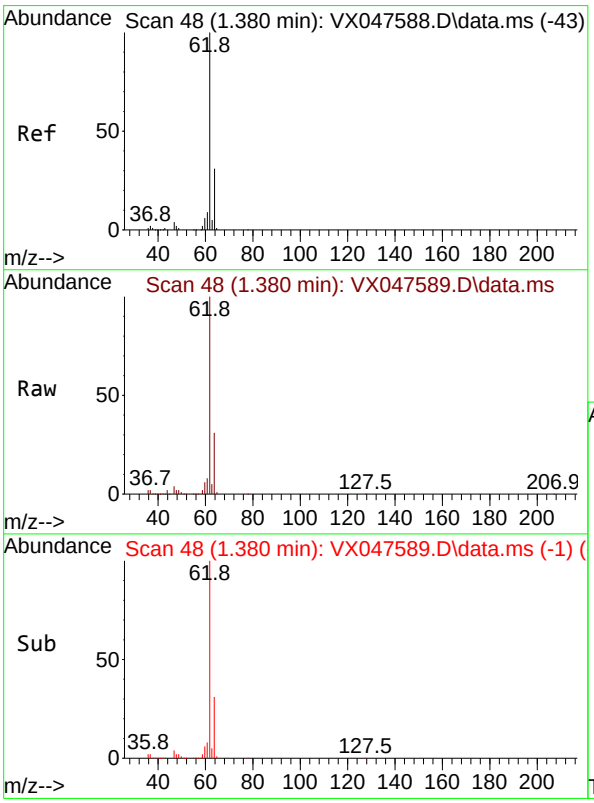
Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

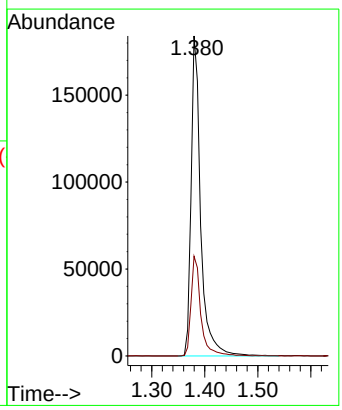
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

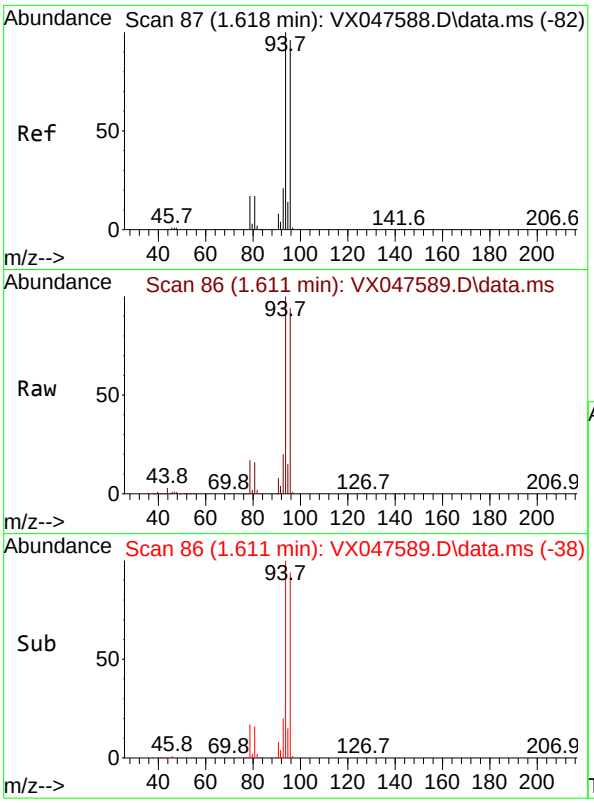


#4
Vinyl Chloride
Concen: 101.621 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 229175

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3





#5
Bromomethane
Concen: 100.076 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

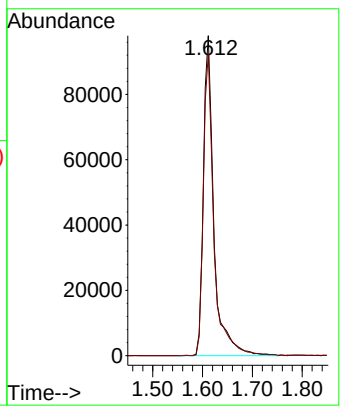
Tgt Ion: 94 Resp: 14311

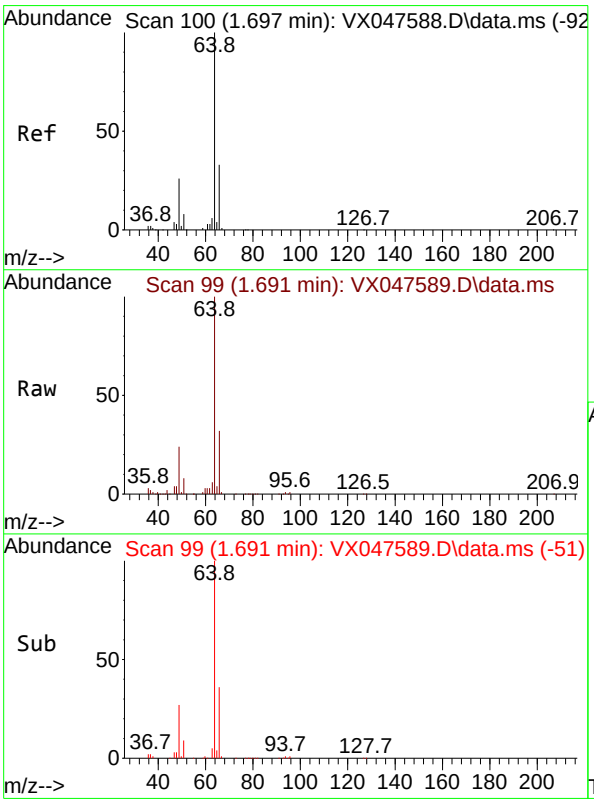
Ion	Ratio	Lower	Upper
94	100		
96	94.4	76.6	115.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

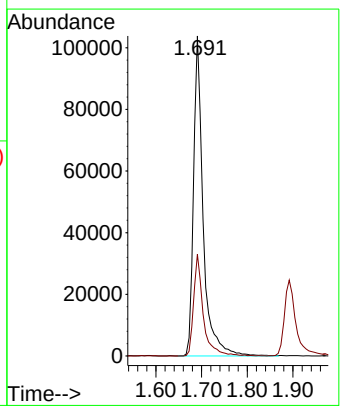


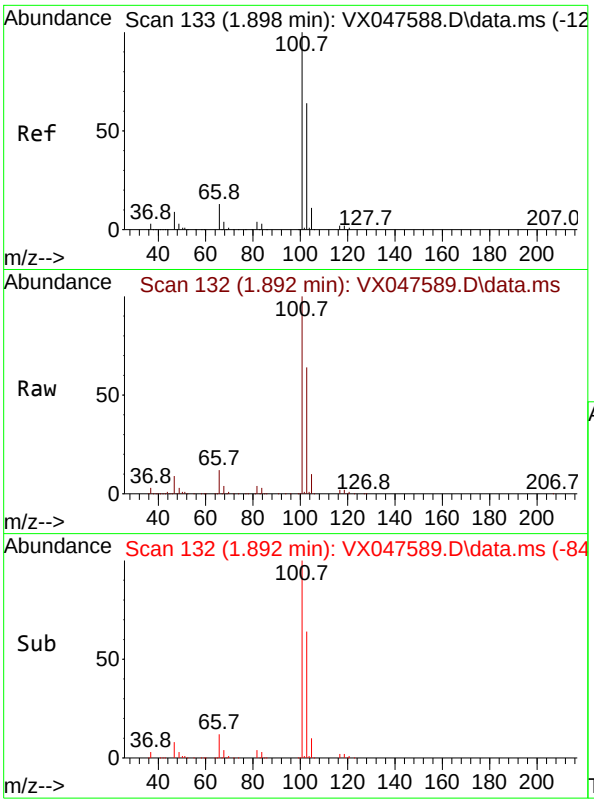


#6
Chloroethane
Concen: 101.167 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 64 Resp: 152487

Ion	Ratio	Lower	Upper
64	100		
66	31.8	26.1	39.1

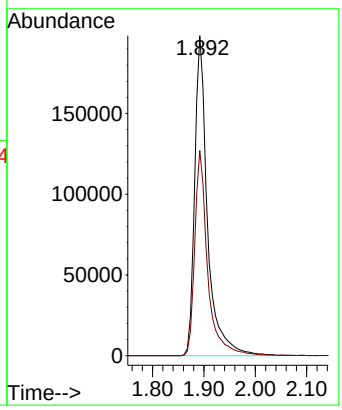




#7
Trichlorofluoromethane
Concen: 102.878 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:101 Resp: 34448

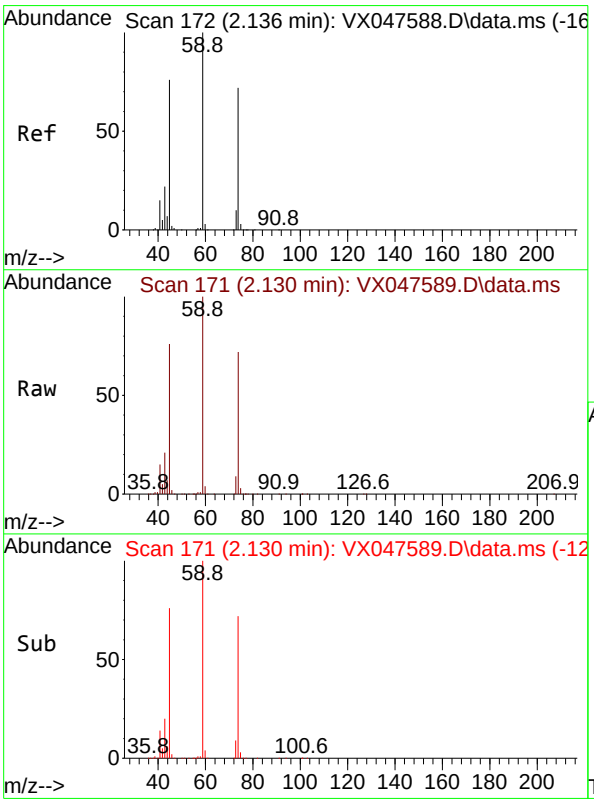
Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

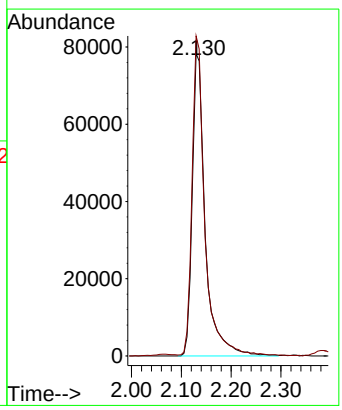
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

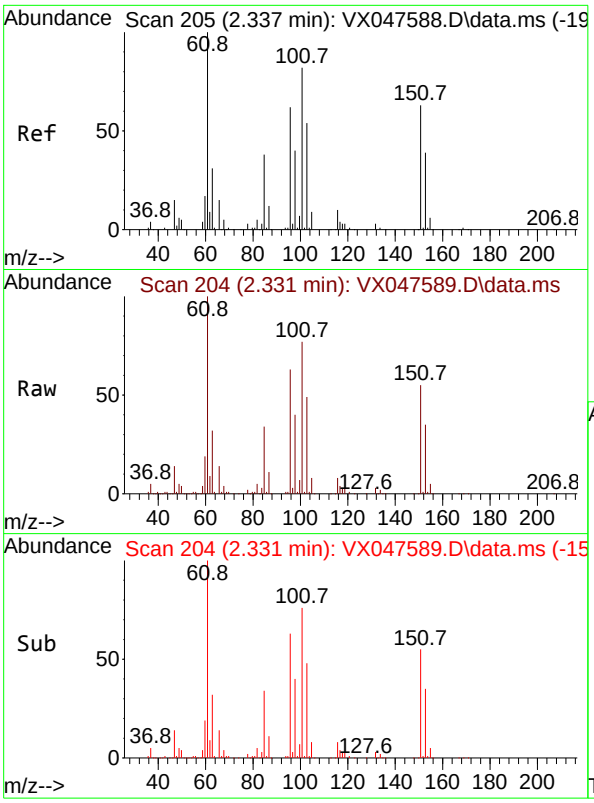


#8
Diethyl Ether
Concen: 103.695 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 74 Resp: 142038

Ion	Ratio	Lower	Upper
74	100		
45	104.6	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.067 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:101 Resp: 19984

Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.5	53.3
151	73.6	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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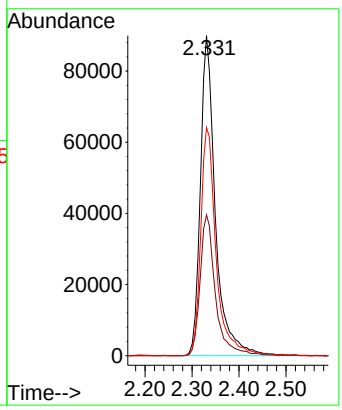
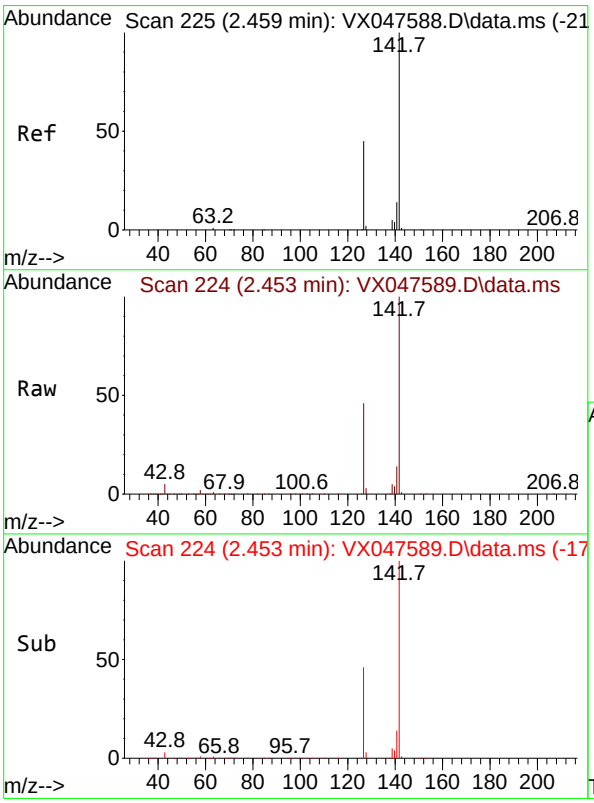
Supervised By :Mahesh Dadoda 09/18/2025

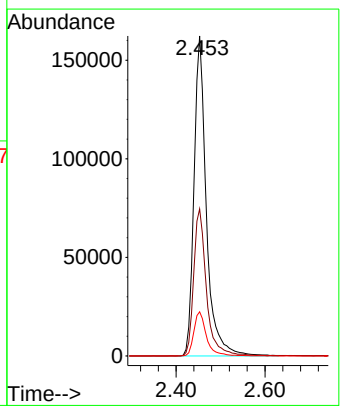


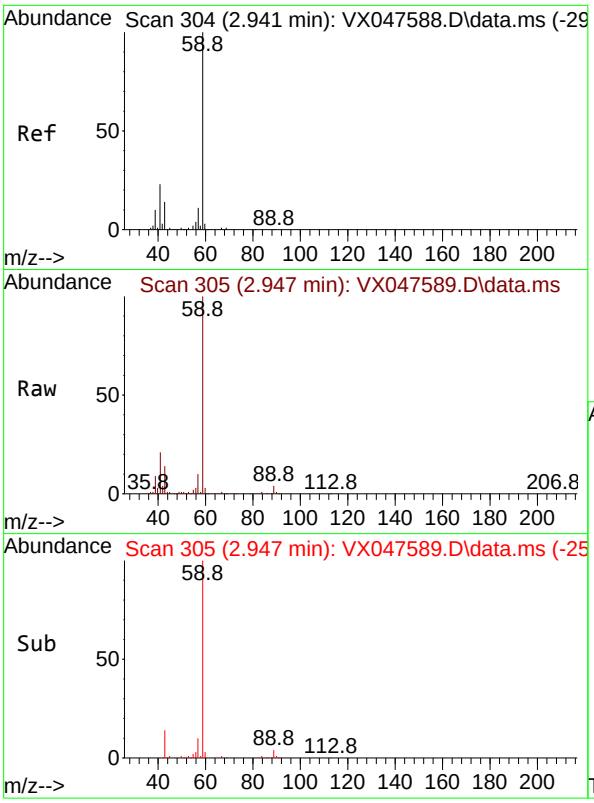


#10
Methyl Iodide
Concen: 102.531 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:142 Resp: 313092

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.2	55.8
141	14.1	11.4	17.0





#11
Tert butyl alcohol
Concen: 506.863 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 59 Resp: 15210

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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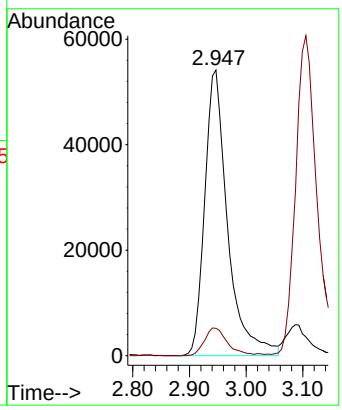
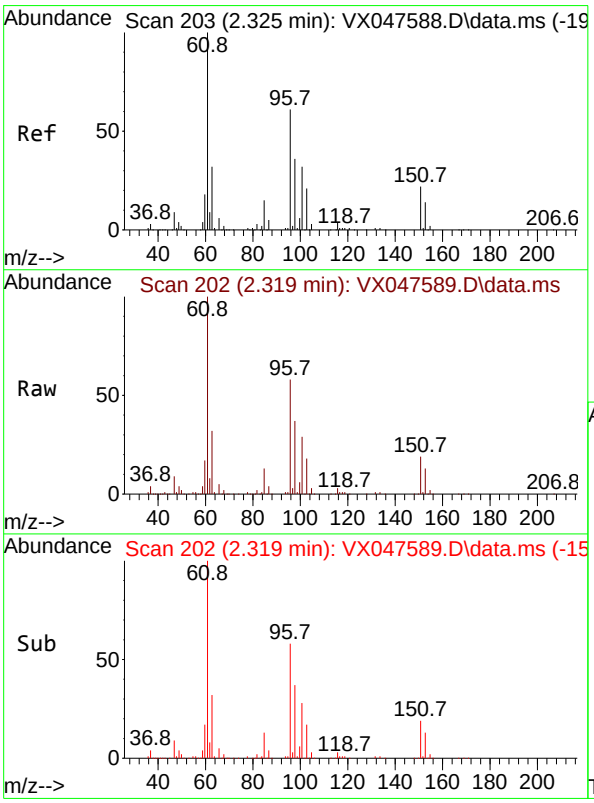
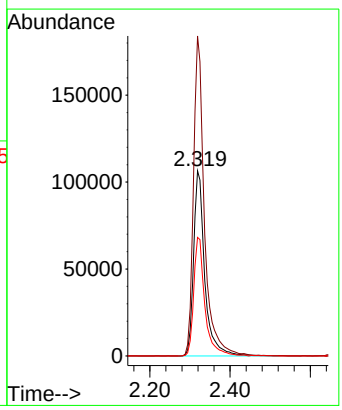


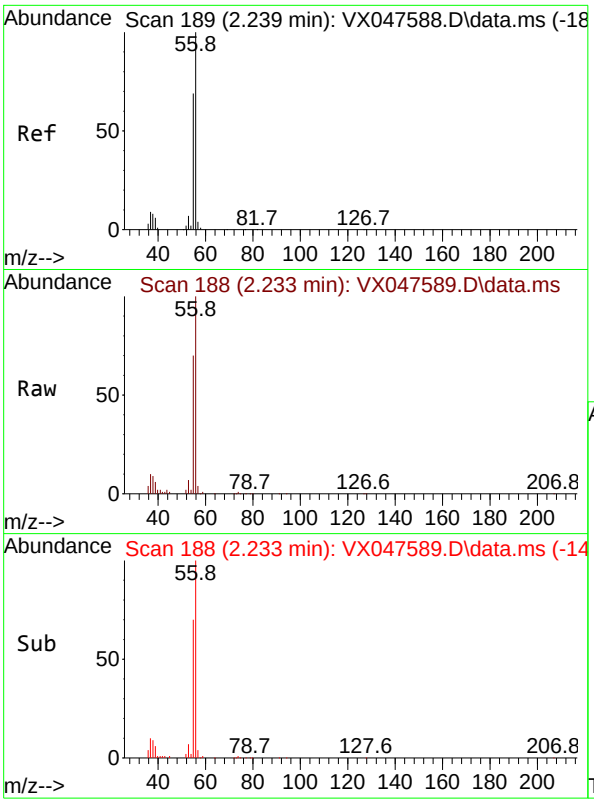


#12
1,1-Dichloroethene
Concen: 102.473 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 96 Resp: 206097

Ion	Ratio	Lower	Upper
96	100		
61	172.9	131.0	196.6
98	64.0	47.7	71.5

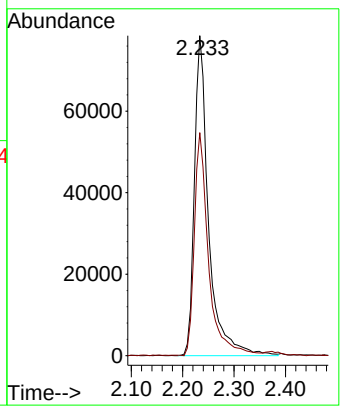




#13
Acrolein
Concen: 545.276 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 56 Resp: 15079

Ion	Ratio	Lower	Upper
56	100		
55	69.4	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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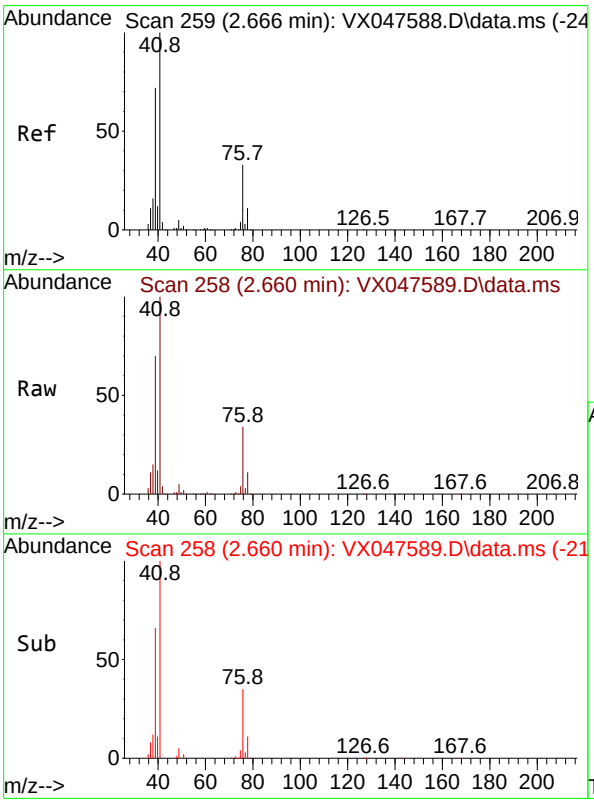
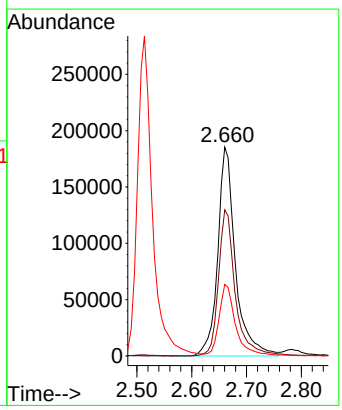
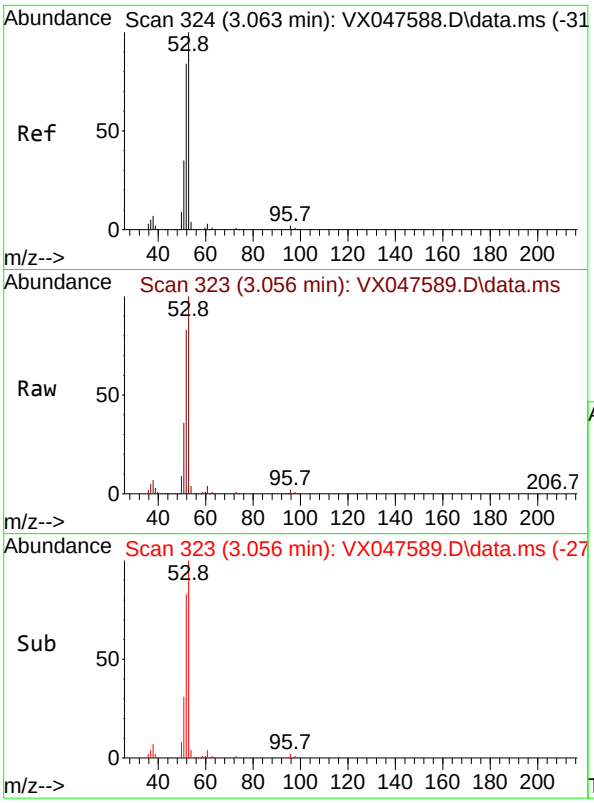


#14
Allyl chloride
Concen: 100.028 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 415140

Ion	Ratio	Lower	Upper
41	100		
39	67.0	54.7	82.1
76	32.2	25.7	38.5

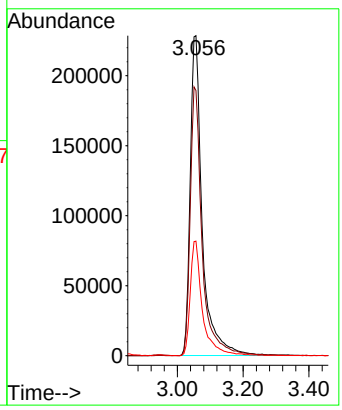




#15
Acrylonitrile
Concen: 522.897 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 53 Resp: 58124

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.4	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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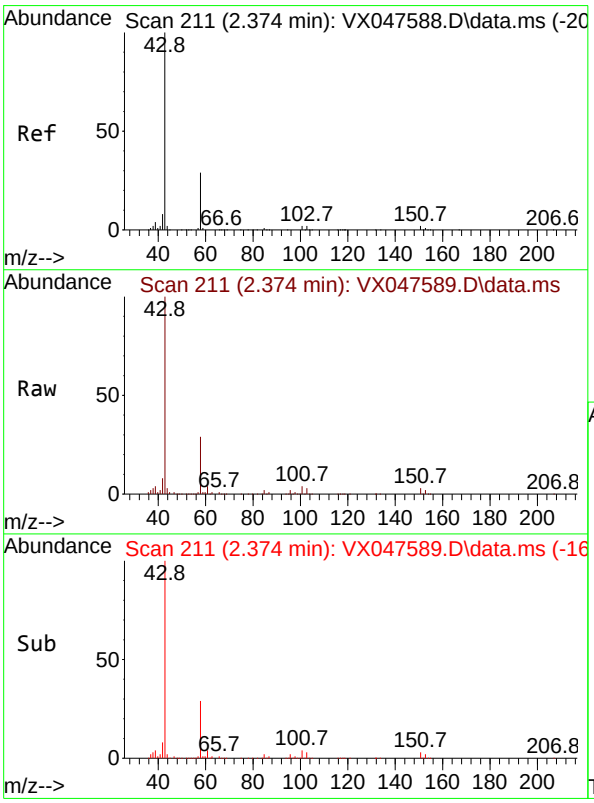
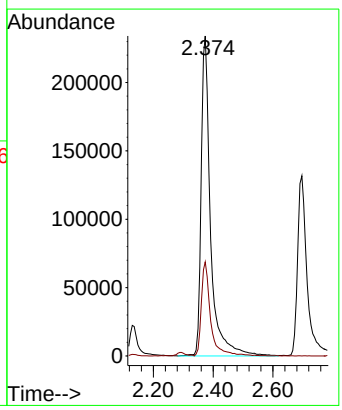
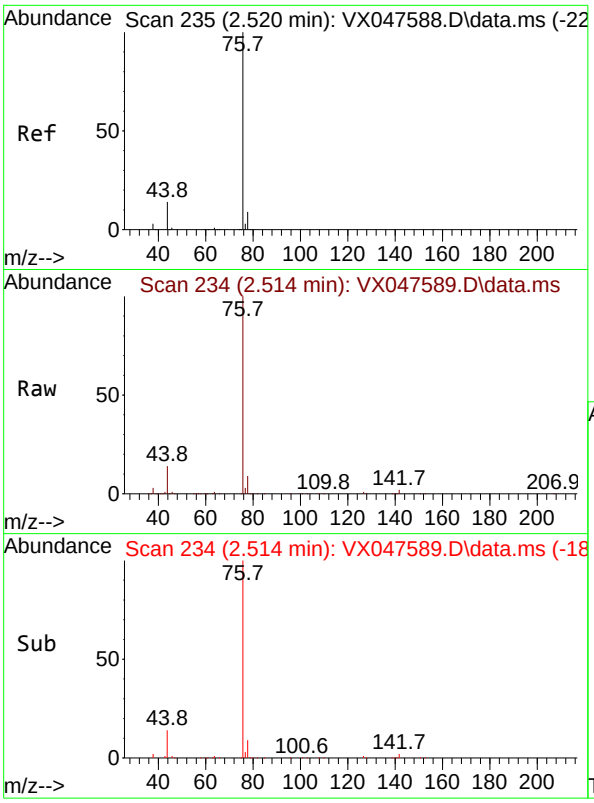


#16
Acetone
Concen: 435.772 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 510542

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.4	35.0

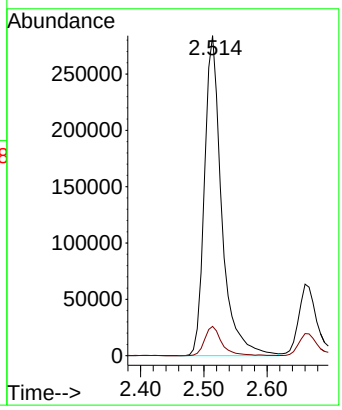




#17
Carbon Disulfide
Concen: 97.693 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 76 Resp: 53788

Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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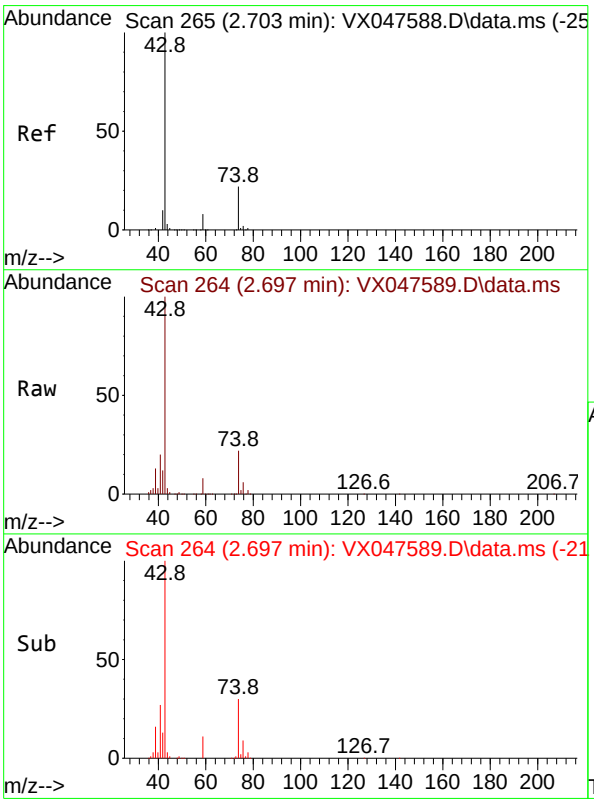
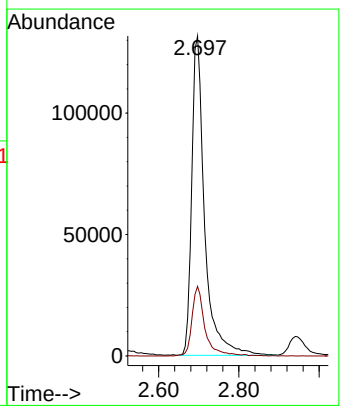
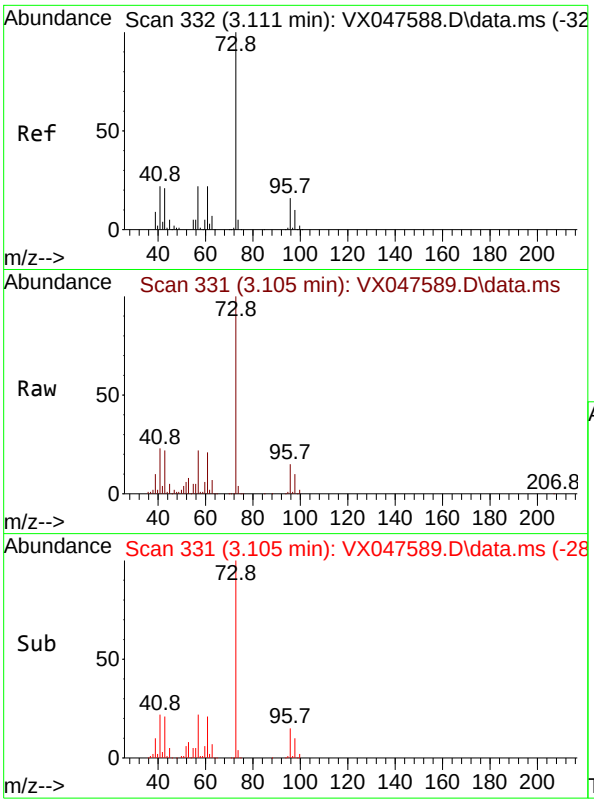


#18
Methyl Acetate
Concen: 112.324 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 292867

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

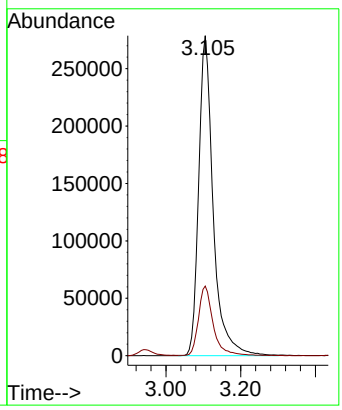




#19
Methyl tert-butyl Ether
Concen: 102.011 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 73 Resp: 74895

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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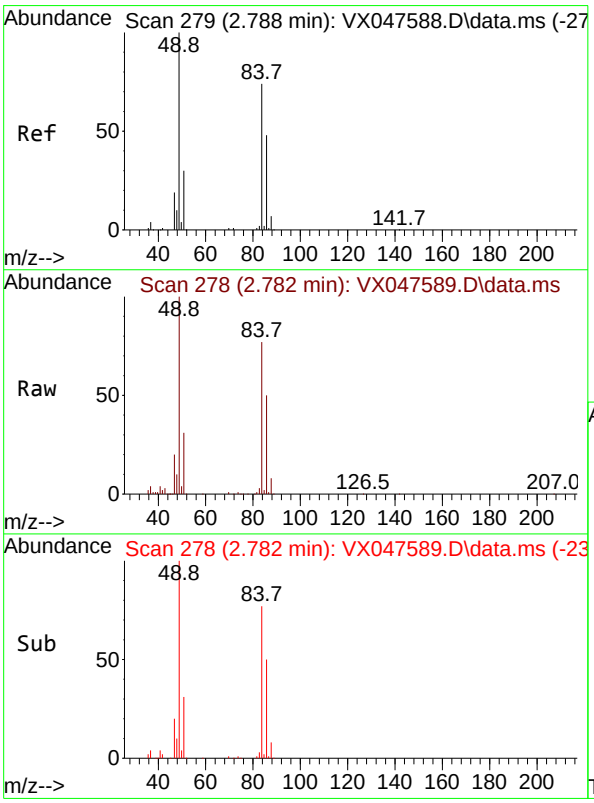
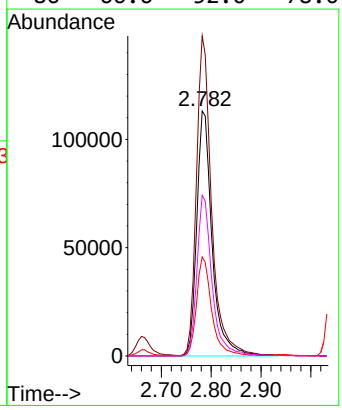
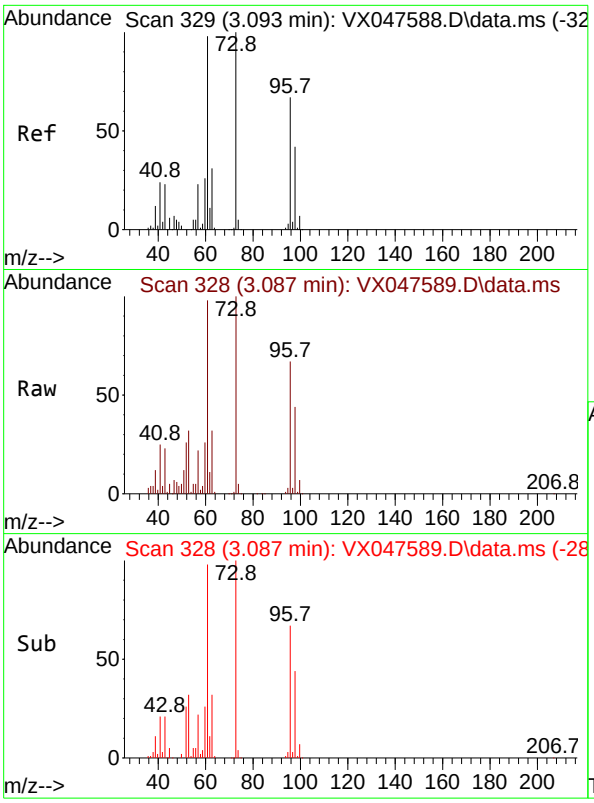


#20
Methylene Chloride
Concen: 97.805 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 84 Resp: 242548

Ion	Ratio	Lower	Upper
84	100		
49	130.4	108.6	162.8
51	40.3	32.6	48.8
86	66.6	52.0	78.0

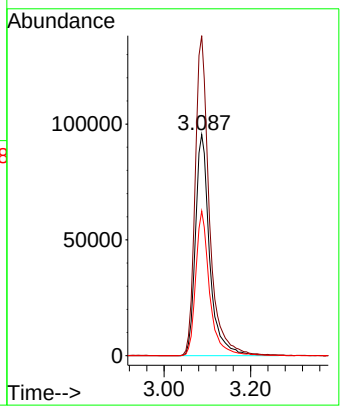




#21
trans-1,2-Dichloroethene
Concen: 100.566 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 96 Resp: 21775

Ion	Ratio	Lower	Upper
96	100		
61	144.7	116.2	174.2
98	65.4	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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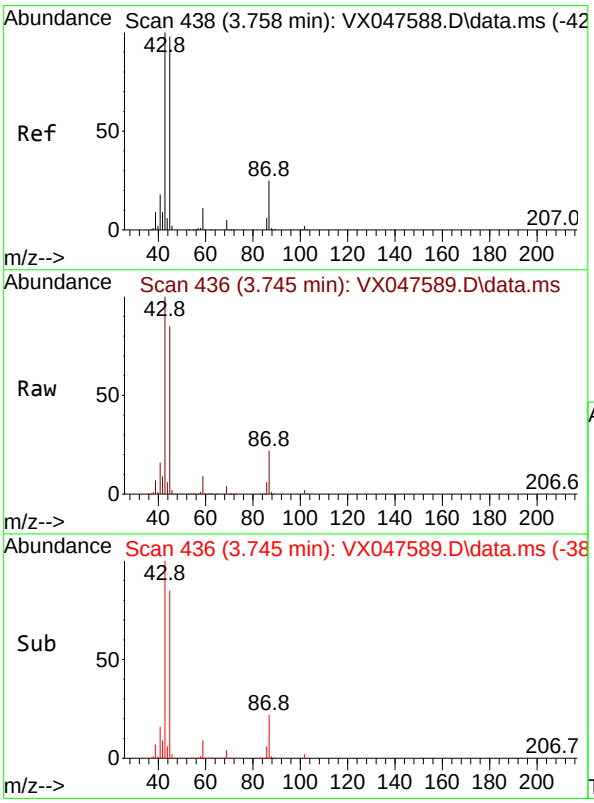
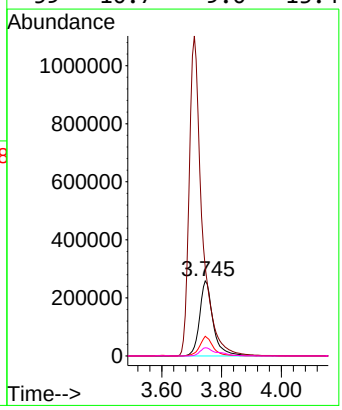
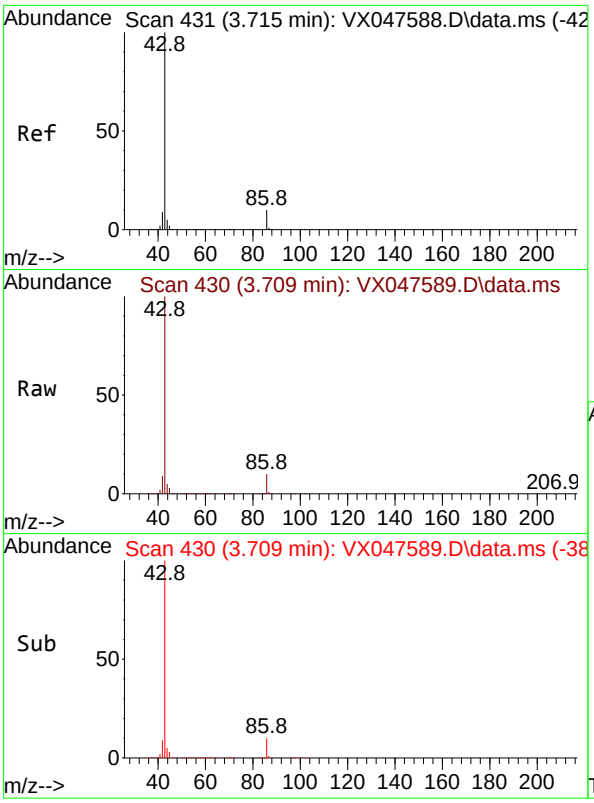


#22
Diisopropyl ether
Concen: 100.934 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 45 Resp: 811840

Ion	Ratio	Lower	Upper
45	100		
43	117.3	81.0	121.4
87	26.1	20.3	30.5
59	10.7	9.0	13.4

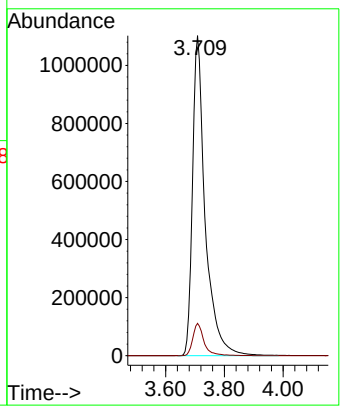




#23
Vinyl Acetate
Concen: 514.916 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 331470

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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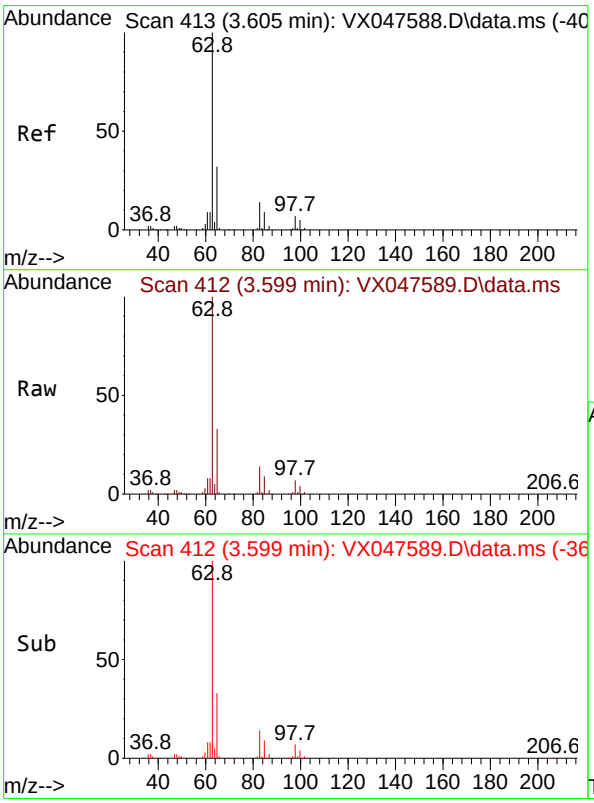
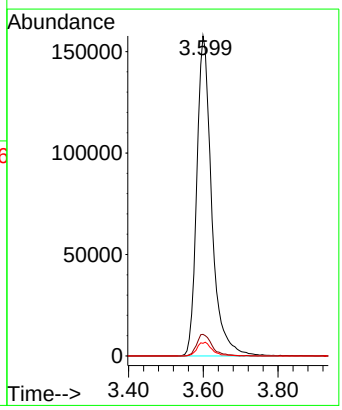
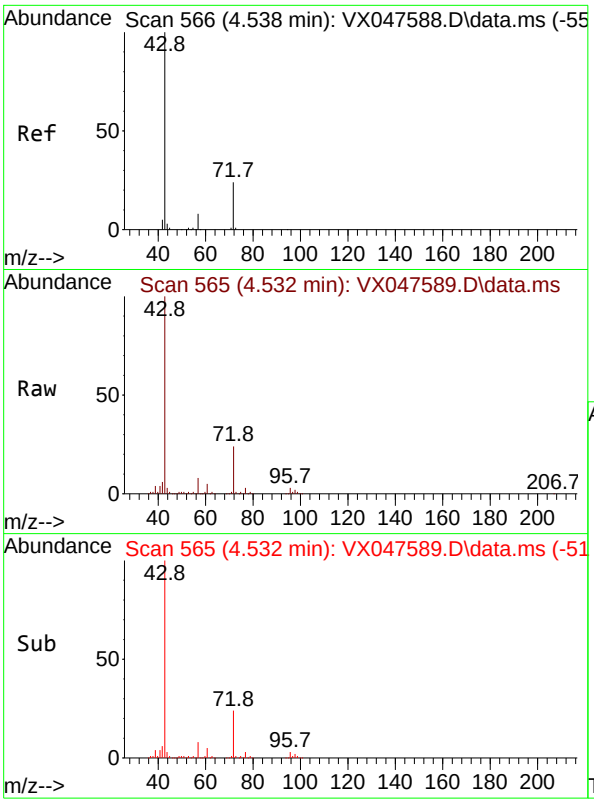


#24
1,1-Dichloroethane
Concen: 101.944 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 435815

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.0	2.3	6.9





#25
2-Butanone
Concen: 479.558 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 70082

Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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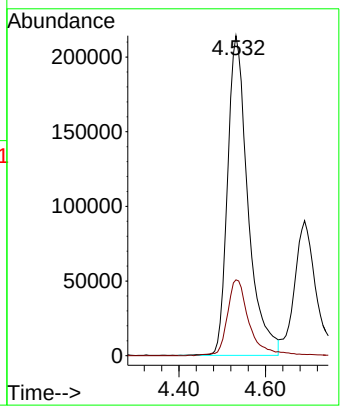
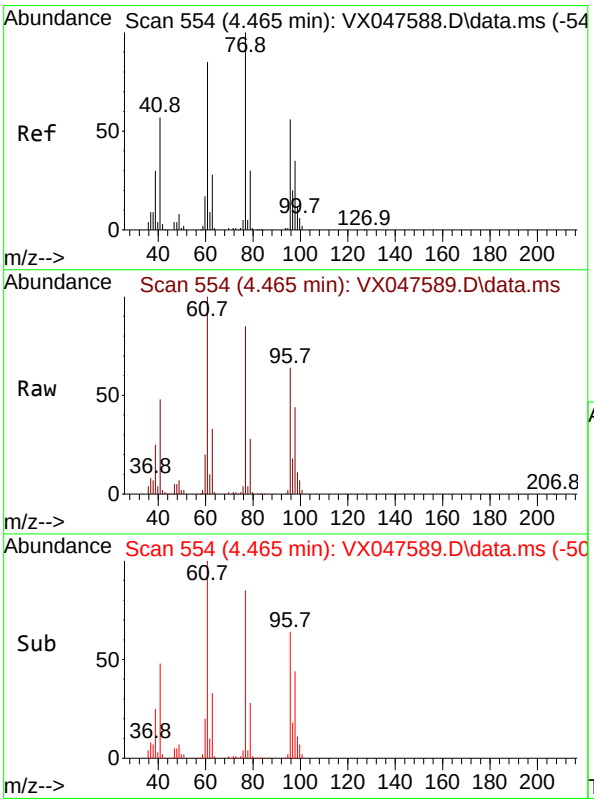
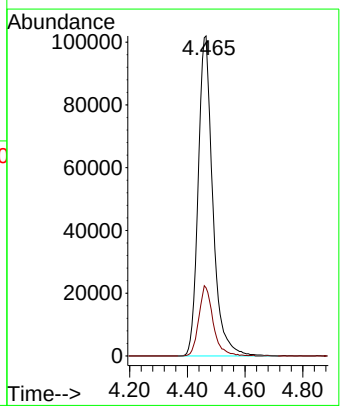


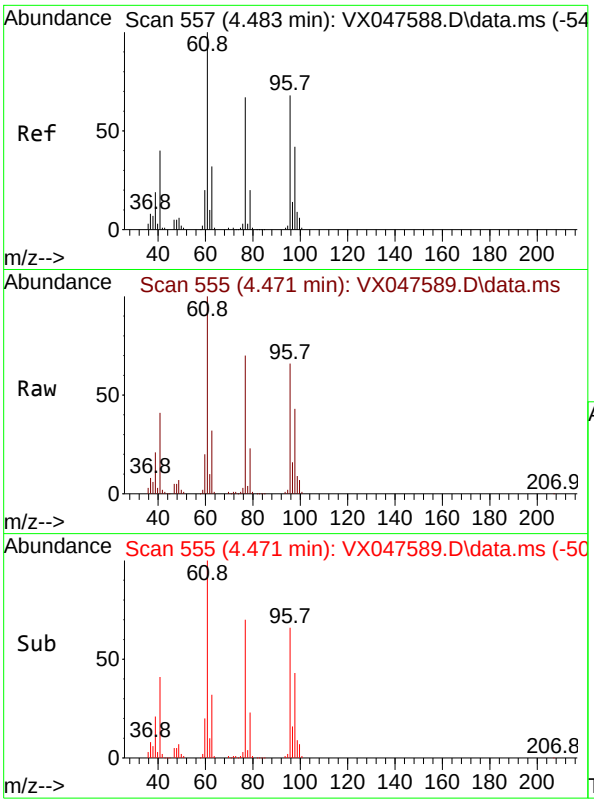


#26
2,2-Dichloropropane
Concen: 100.542 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 77 Resp: 357292

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.9	32.7

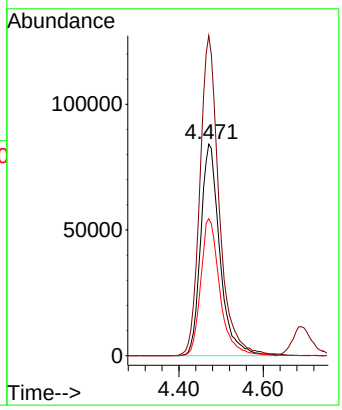




#27
cis-1,2-Dichloroethene
Concen: 100.516 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 96 Resp: 26655

Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	303.2
98	64.4	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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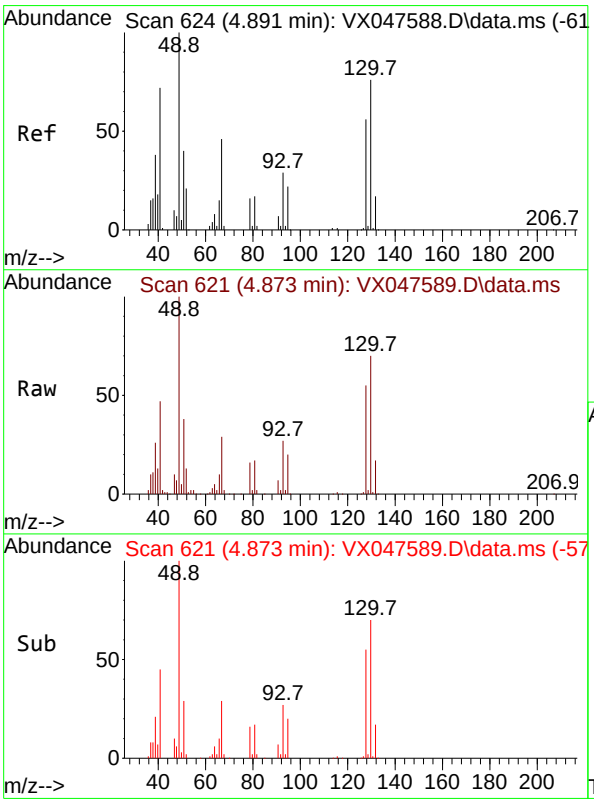
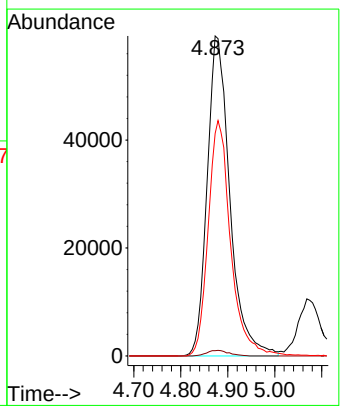
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

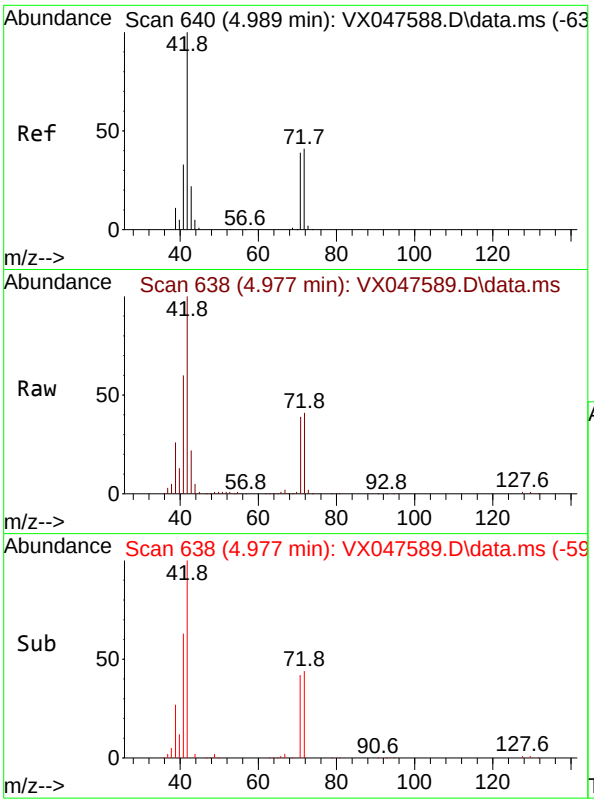


#28
Bromochloromethane
Concen: 106.512 ug/l
RT: 4.873 min Scan# 621
Delta R.T. -0.018 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 49 Resp: 198788

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	72.8	57.8	86.8





#29
Tetrahydrofuran
Concen: 504.502 ug/l
RT: 4.977 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 42 Resp: 44353

Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.2	51.2
71	39.5	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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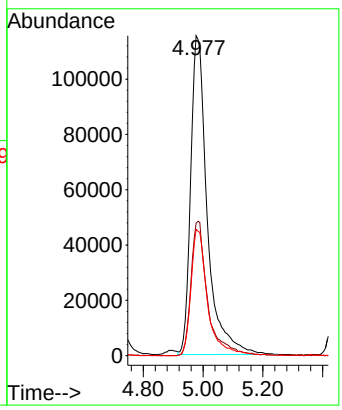
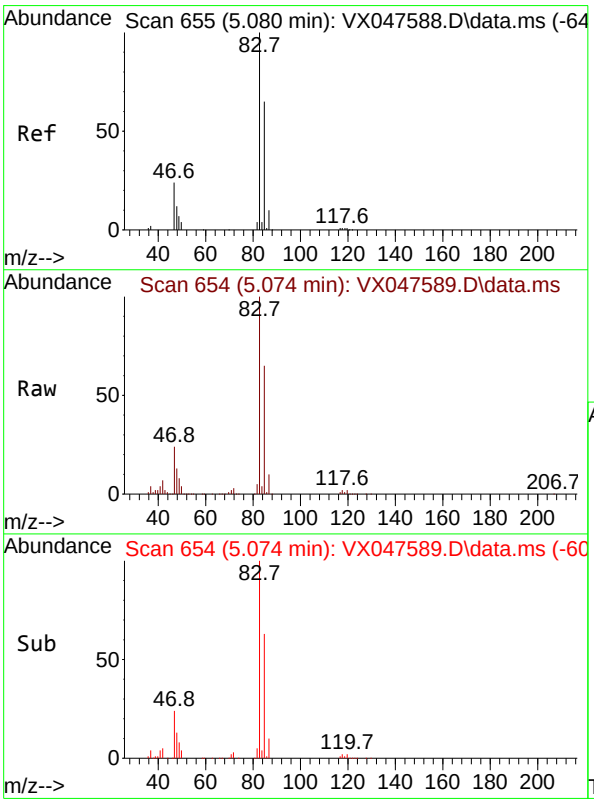
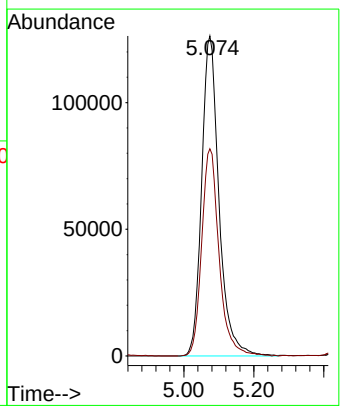


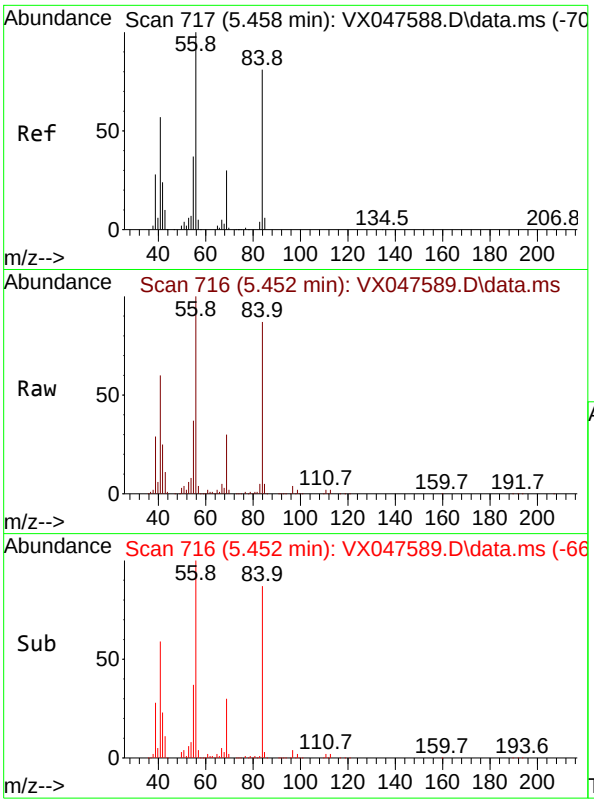


#30
Chloroform
Concen: 100.447 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 433937

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.6

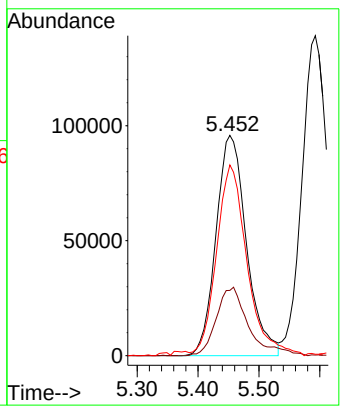




#31
Cyclohexane
Concen: 93.523 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 56 Resp: 33299

Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.8	35.8
84	84.7	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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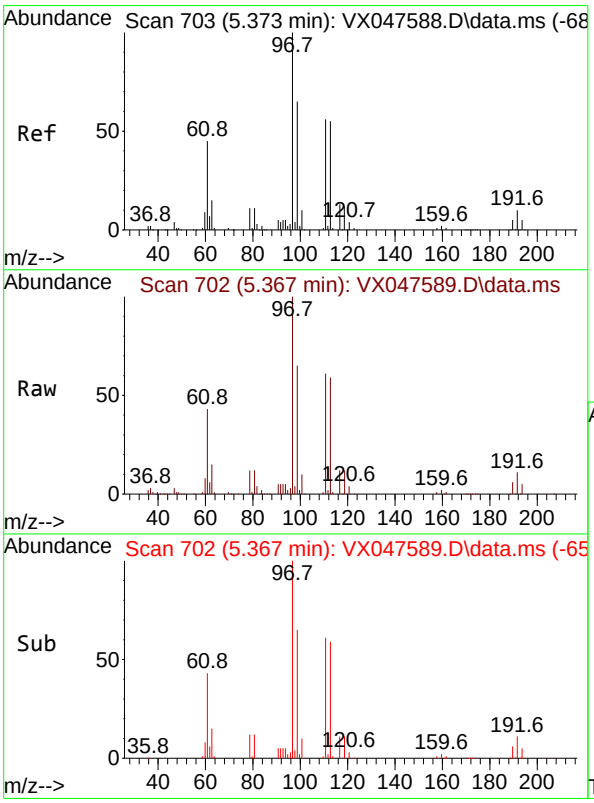
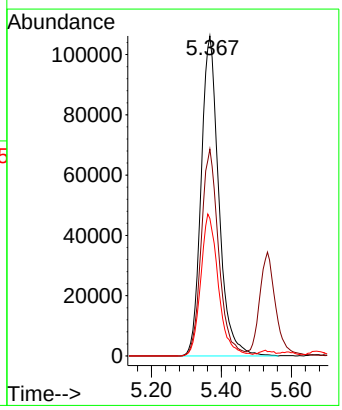
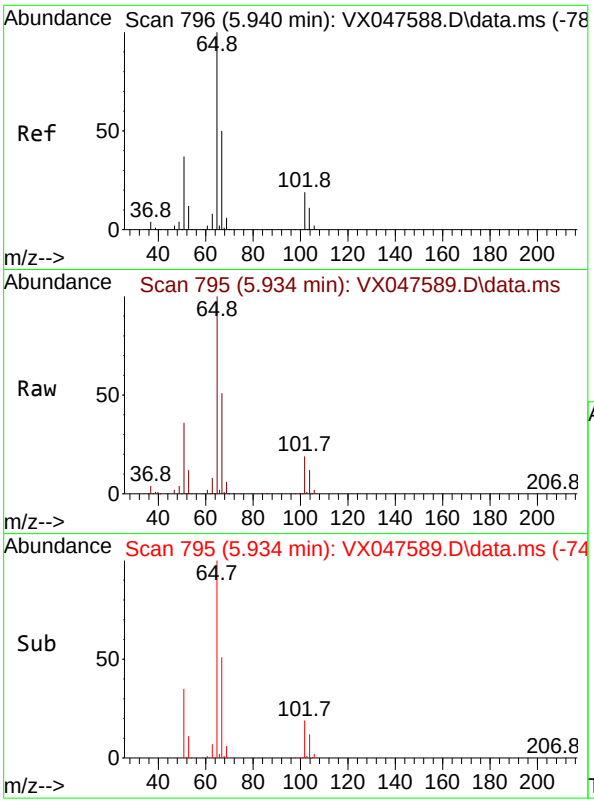


#32
1,1,1-Trichloroethane
Concen: 101.607 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 97 Resp: 372323

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	76.0
61	44.4	35.8	53.8





#33
1,2-Dichloroethane-d4
Concen: 102.341 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 65 Resp: 27575

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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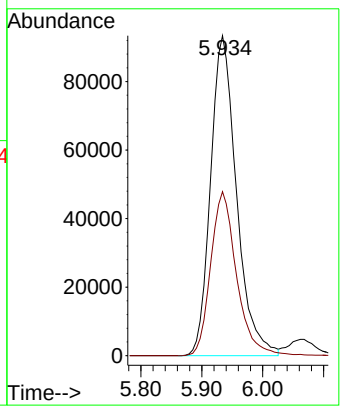
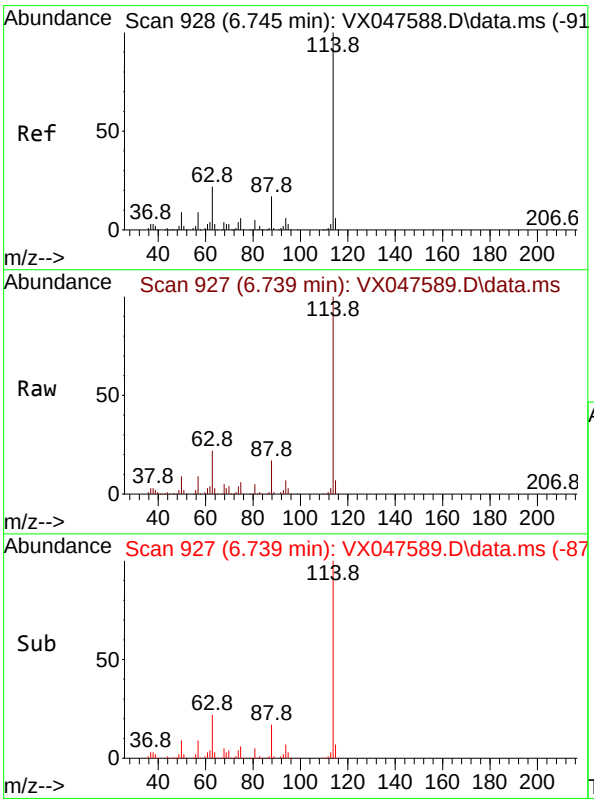
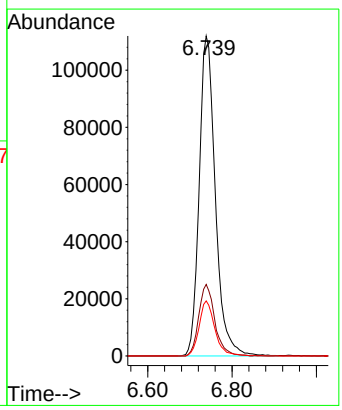


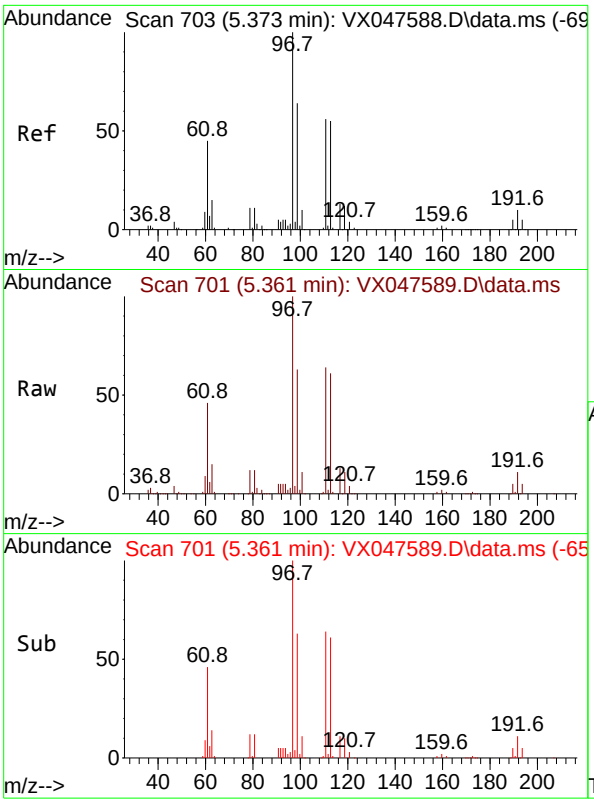


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:114 Resp: 298913

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	17.2	0.0	34.2

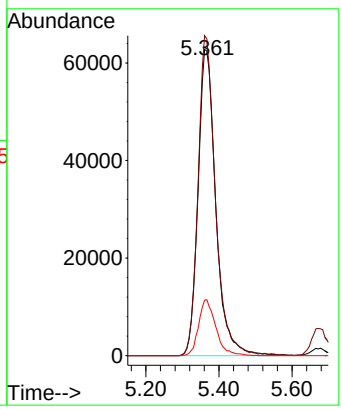




#35
Dibromofluoromethane
Concen: 105.962 ug/l
RT: 5.361 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:113 Resp: 21241

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.9	121.3
192	17.7	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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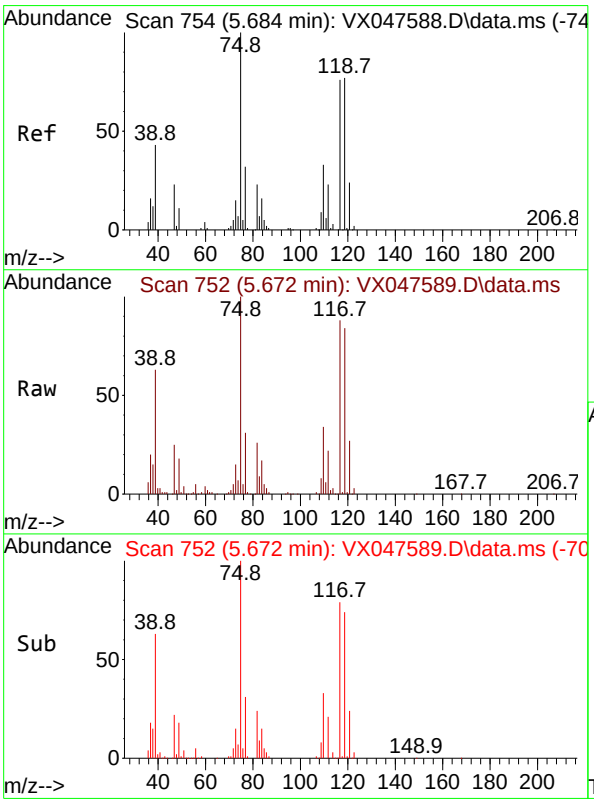
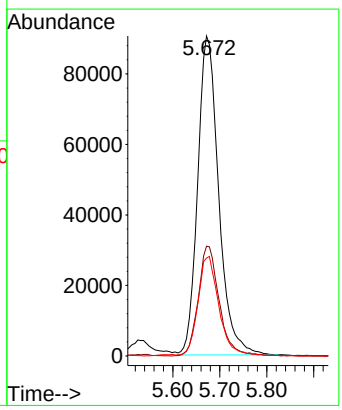
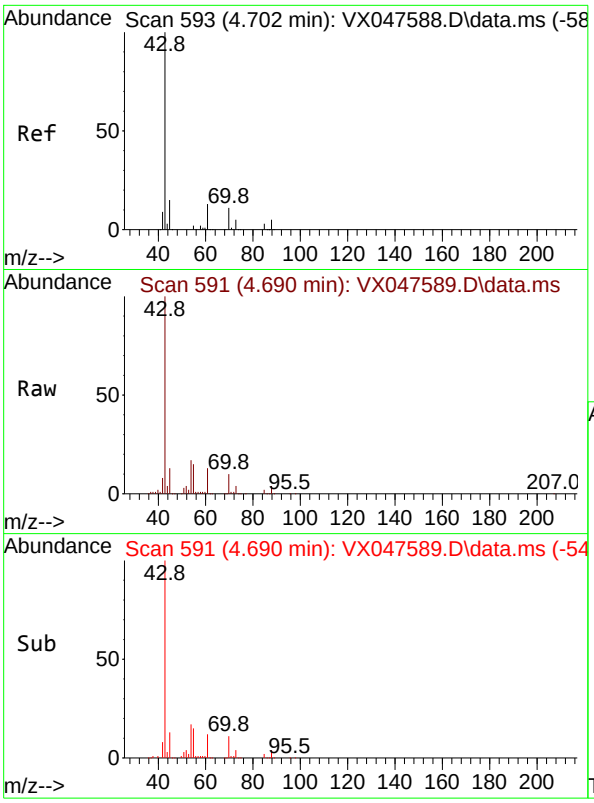


#36
1,1-Dichloropropene
Concen: 96.149 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 281650

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.7	50.1
77	31.3	24.3	36.5





#37
Ethyl Acetate
Concen: 101.641 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 31879

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	9.4	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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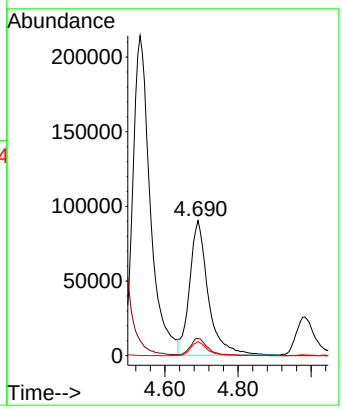
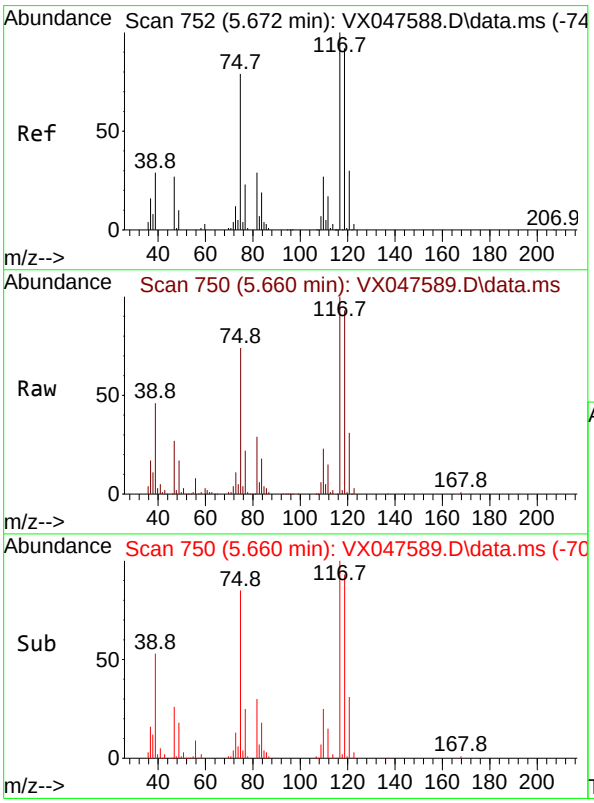
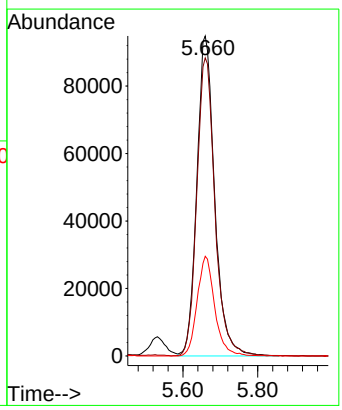


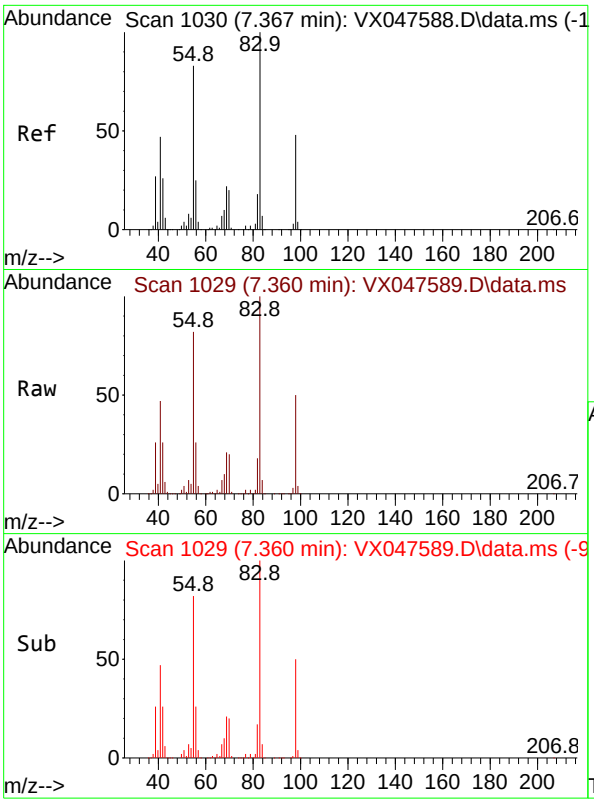


#38
Carbon Tetrachloride
Concen: 98.891 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 314745

Ion	Ratio	Lower	Upper
117	100		
119	93.0	73.4	110.2
121	31.2	23.8	35.6





#39
Methylcyclohexane
Concen: 98.600 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 32785

Ion	Ratio	Lower	Upper
83	100		
55	81.8	66.4	99.6
98	49.8	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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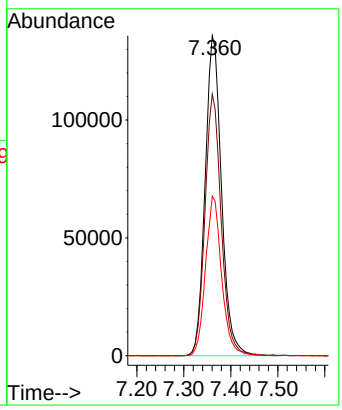
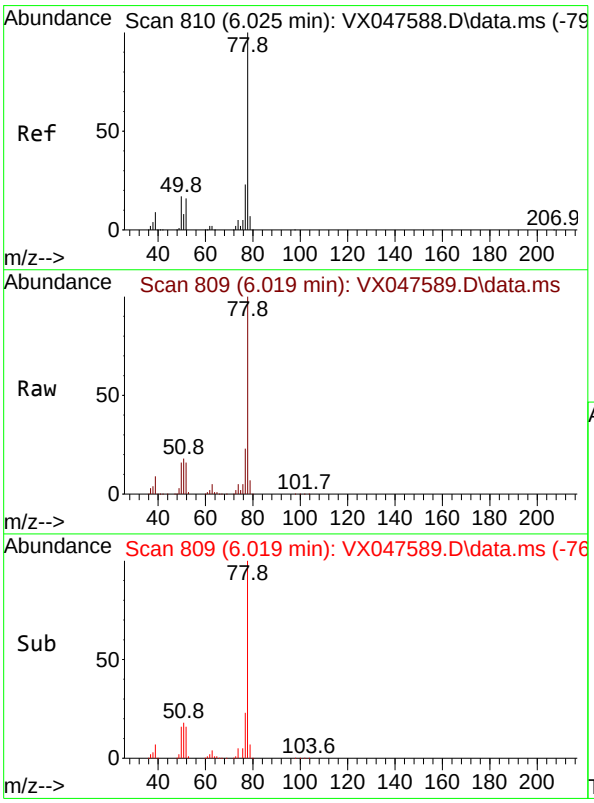
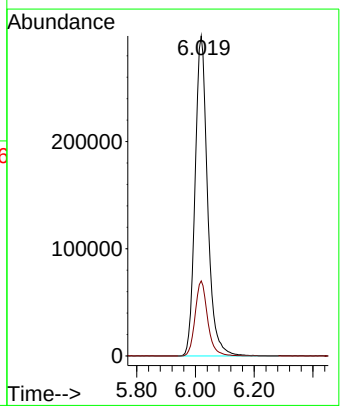


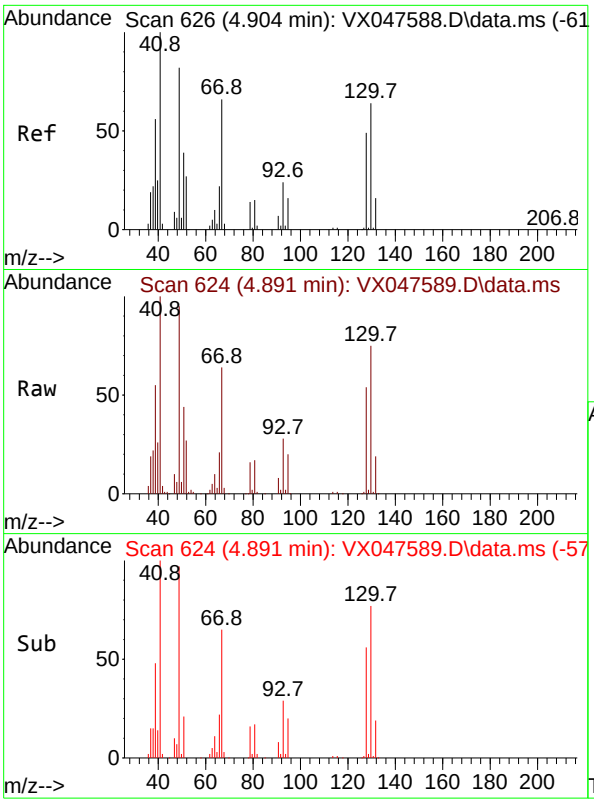


#40
Benzene
Concen: 99.009 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 78 Resp: 880885

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

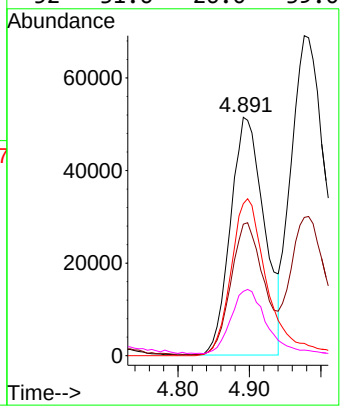




#41
Methacrylonitrile
Concen: 104.220 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 16875

Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	72.1	58.6	87.8
52	31.6	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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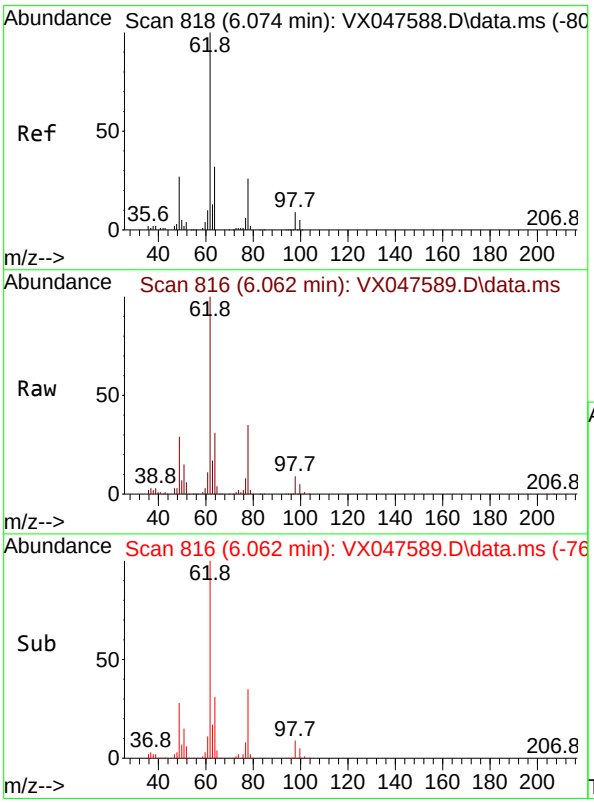
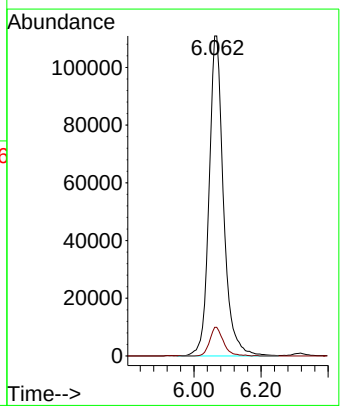
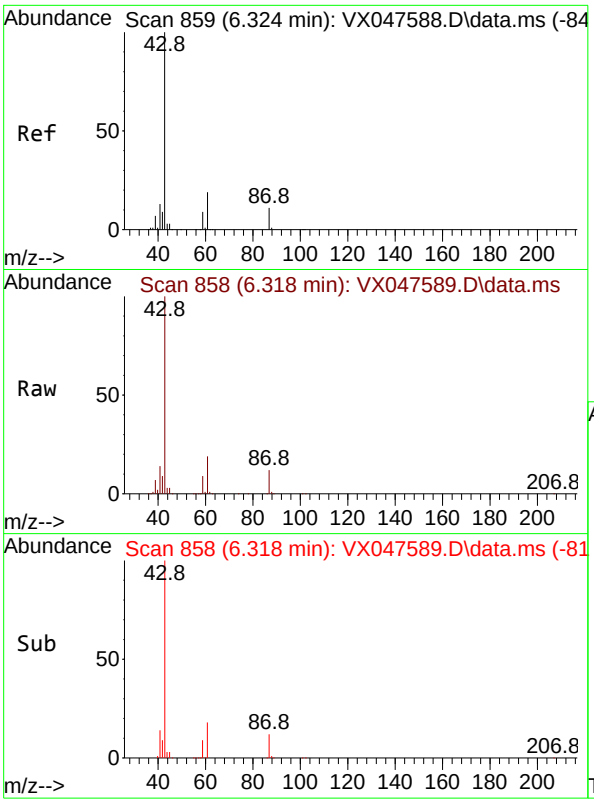


#42
1,2-Dichloroethane
Concen: 97.916 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 331465

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0

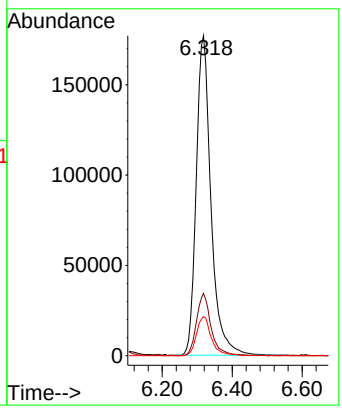




#43
Isopropyl Acetate
Concen: 100.482 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 51687

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	12.3	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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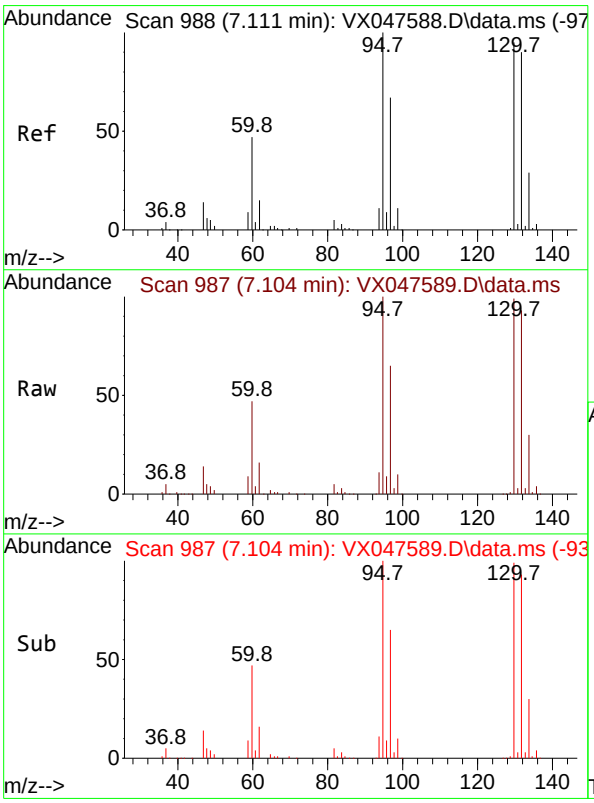
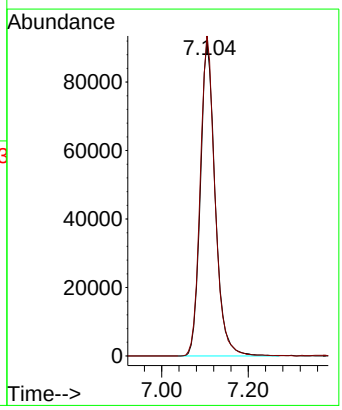
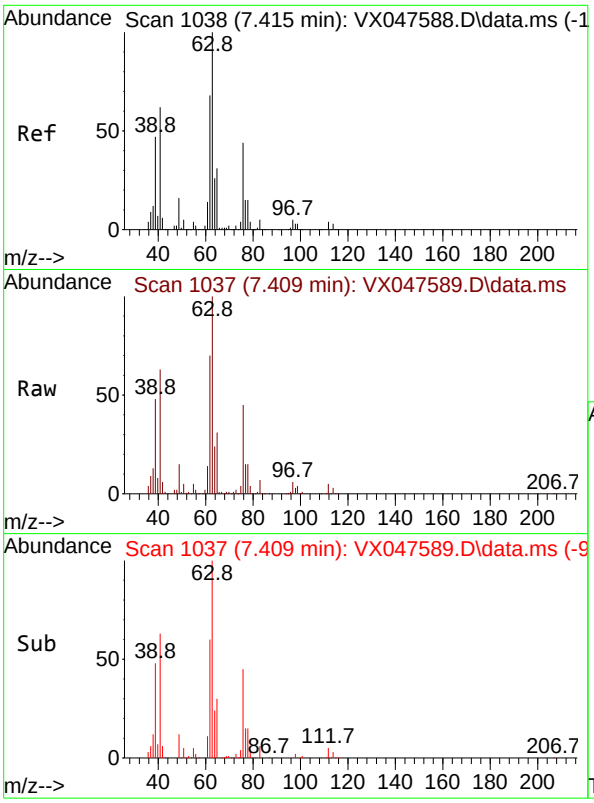


#44
Trichloroethene
Concen: 101.234 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:130 Resp: 217753

Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	210.8

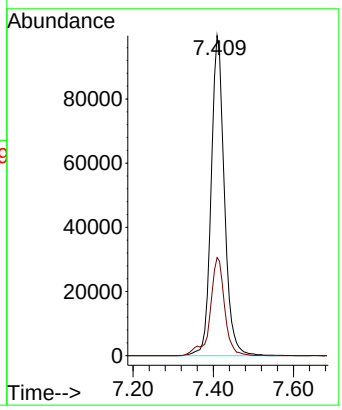




#45
1,2-Dichloropropane
Concen: 100.145 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 22815

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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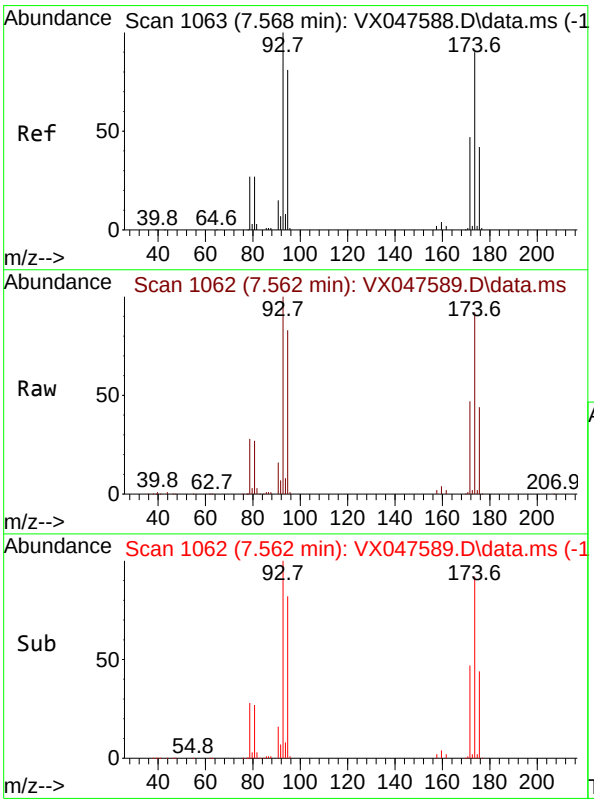
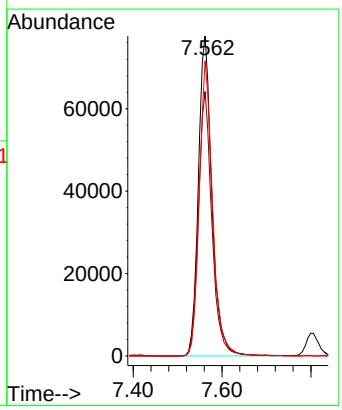
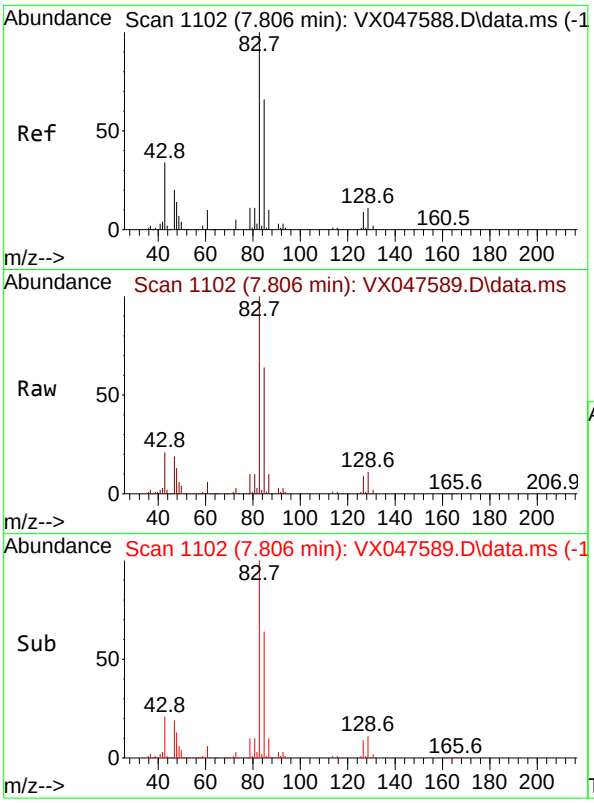


#46
Dibromomethane
Concen: 99.519 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 93 Resp: 164987

Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.0	97.6
174	90.5	71.6	107.4

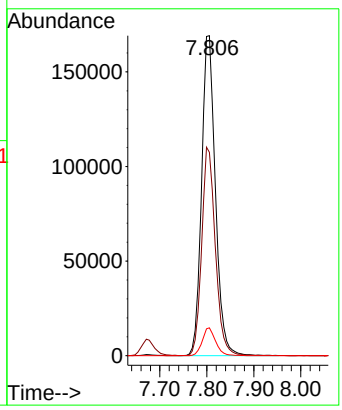




#47
Bromodichloromethane
Concen: 101.136 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 34599

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.7	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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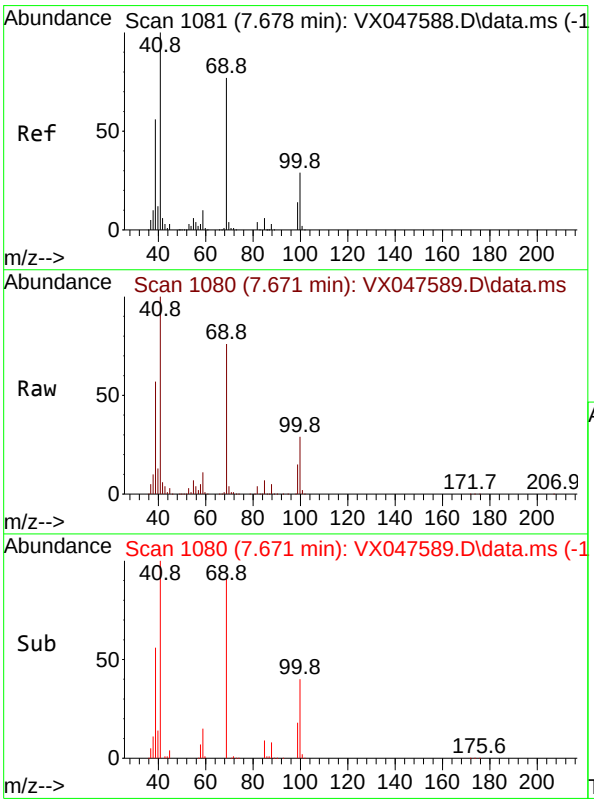
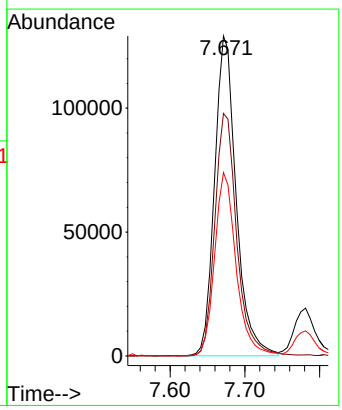
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

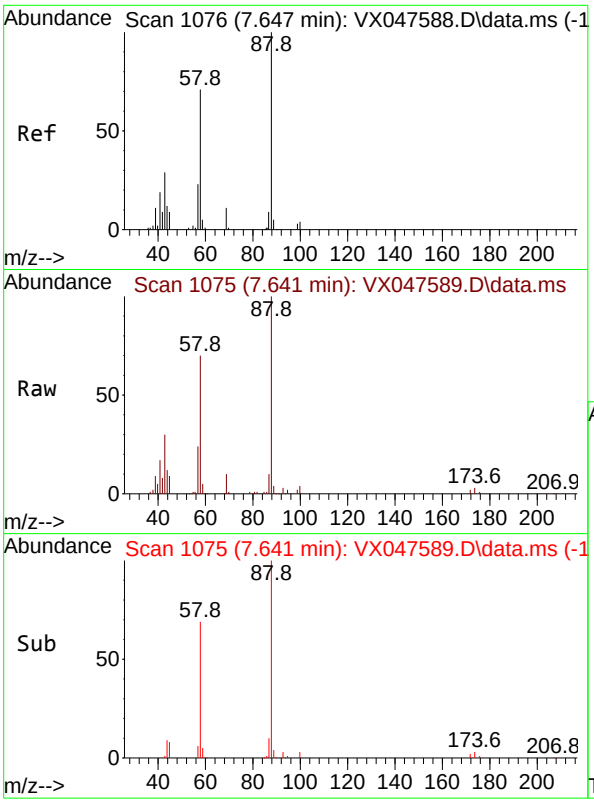


#48
Methyl methacrylate
Concen: 101.612 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 260358

Ion	Ratio	Lower	Upper
41	100		
69	77.1	61.4	92.2
39	57.0	45.8	68.6





#49
1,4-Dioxane
Concen: 2190.315 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 88 Resp: 5671

Ion	Ratio	Lower	Upper
88	100		
43	39.4	30.2	45.2
58	74.0	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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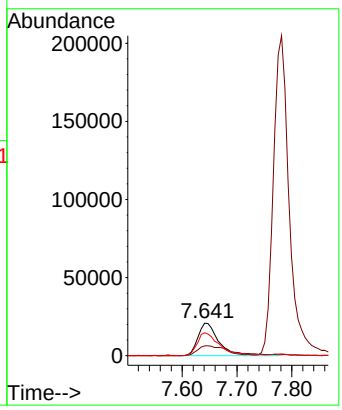
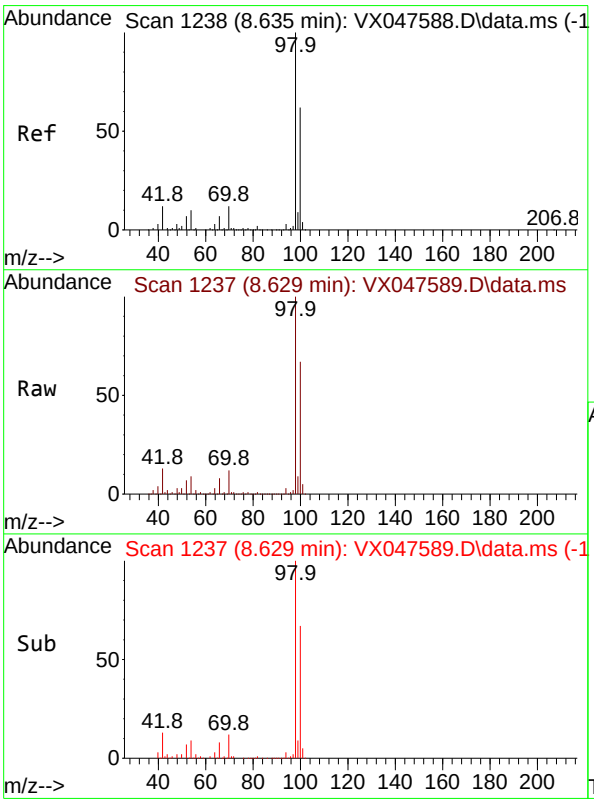
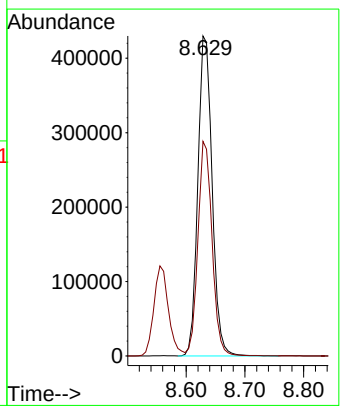


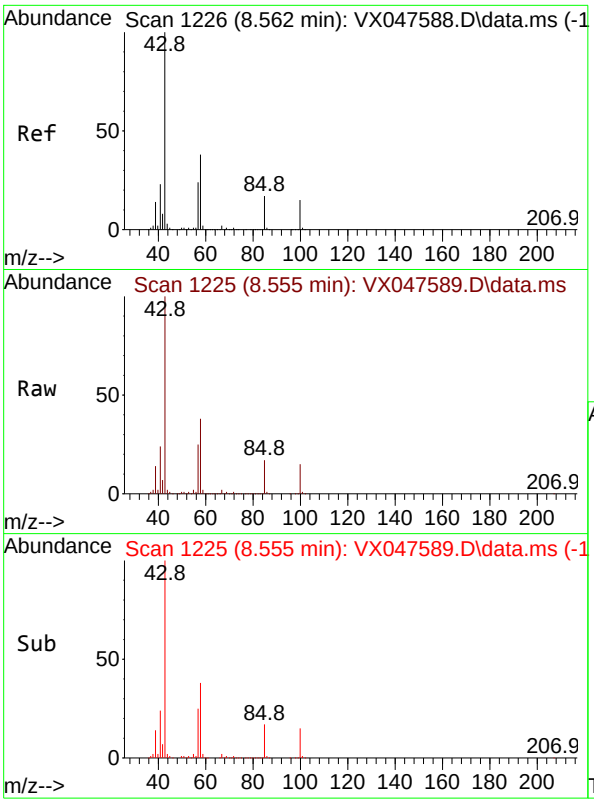


#50
Toluene-d8
Concen: 104.386 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 98 Resp: 724078

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

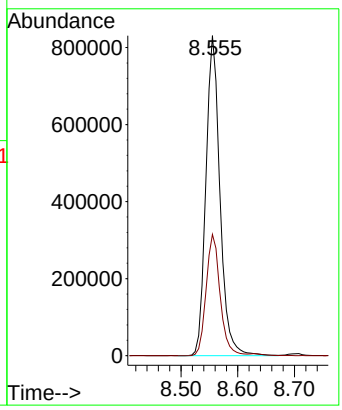




#51
4-Methyl-2-Pentanone
Concen: 501.834 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 143125

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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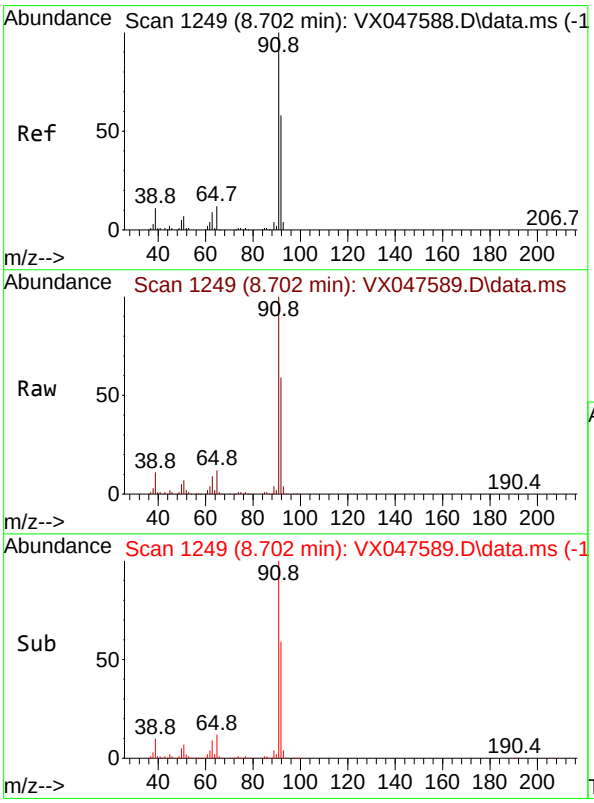
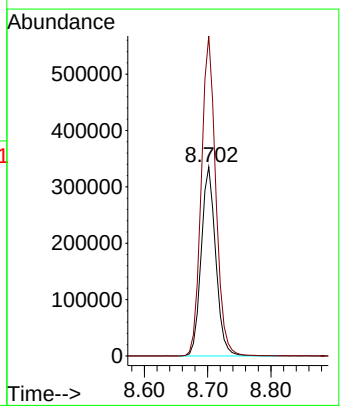
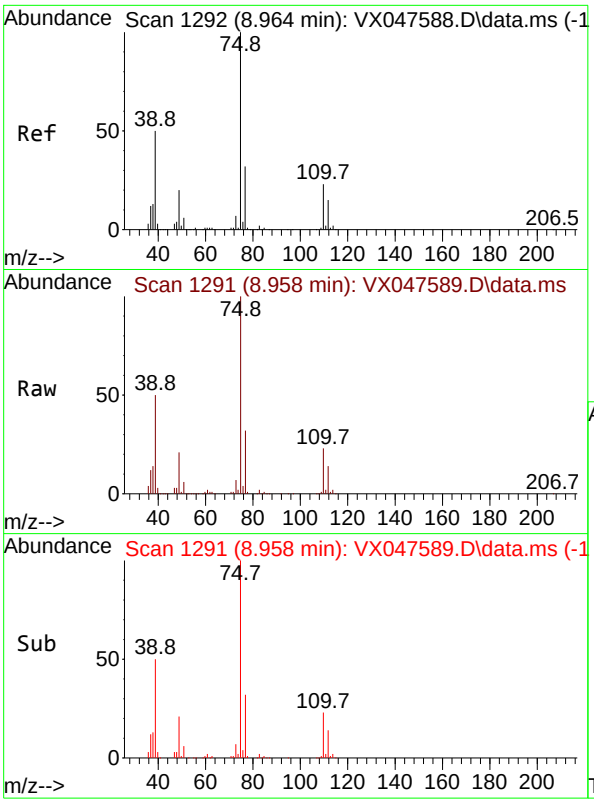


#52
Toluene
Concen: 97.811 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 92 Resp: 536148

Ion	Ratio	Lower	Upper
92	100		
91	169.3	137.1	205.7

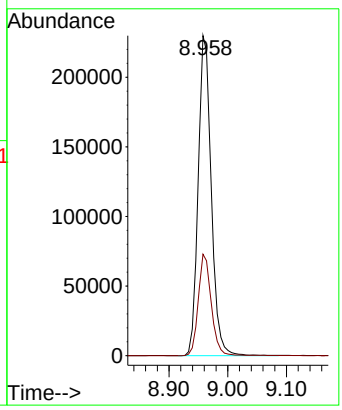




#53
t-1,3-Dichloropropene
Concen: 101.986 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 35588

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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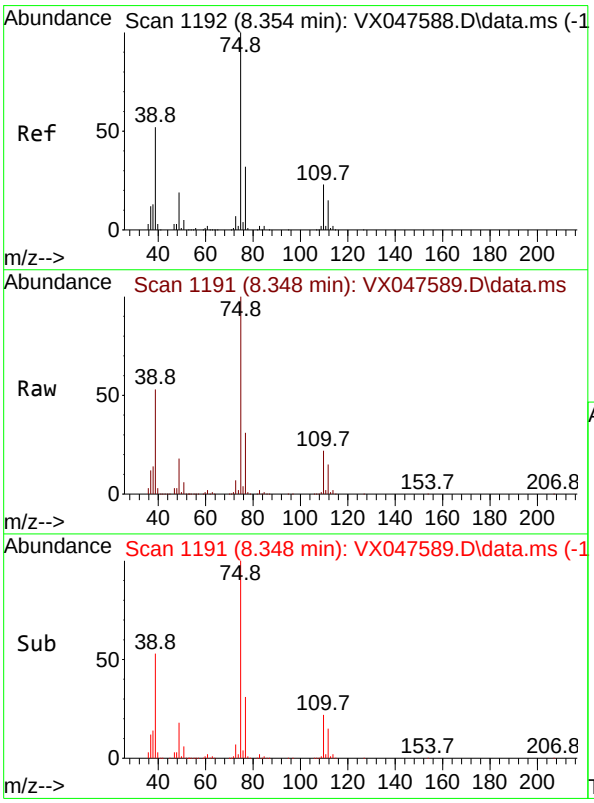
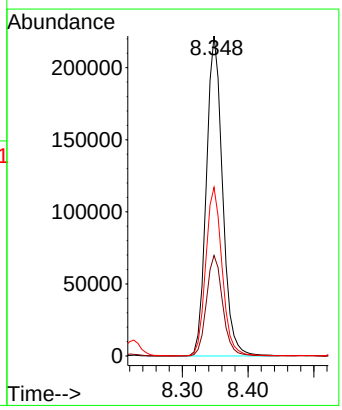
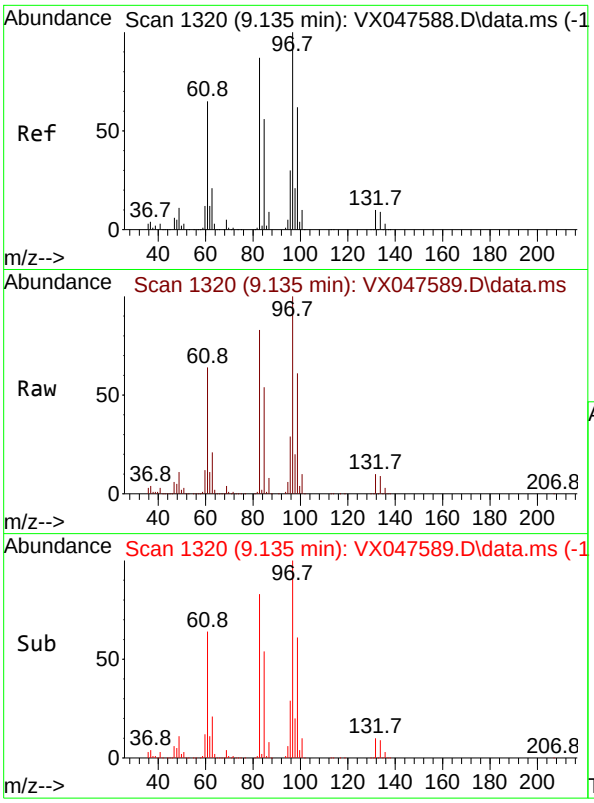


#54
cis-1,3-Dichloropropene
Concen: 102.038 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 380577

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	52.3	41.4	62.2

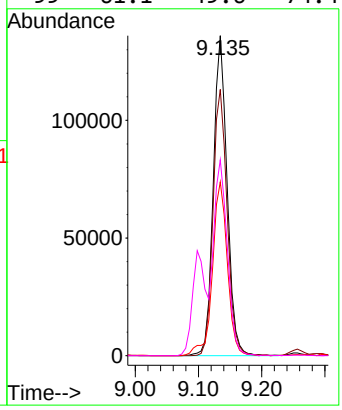




#55
1,1,2-Trichloroethane
Concen: 97.434 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 97 Resp: 20593

Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.6	104.4
85	54.3	45.0	67.6
99	61.1	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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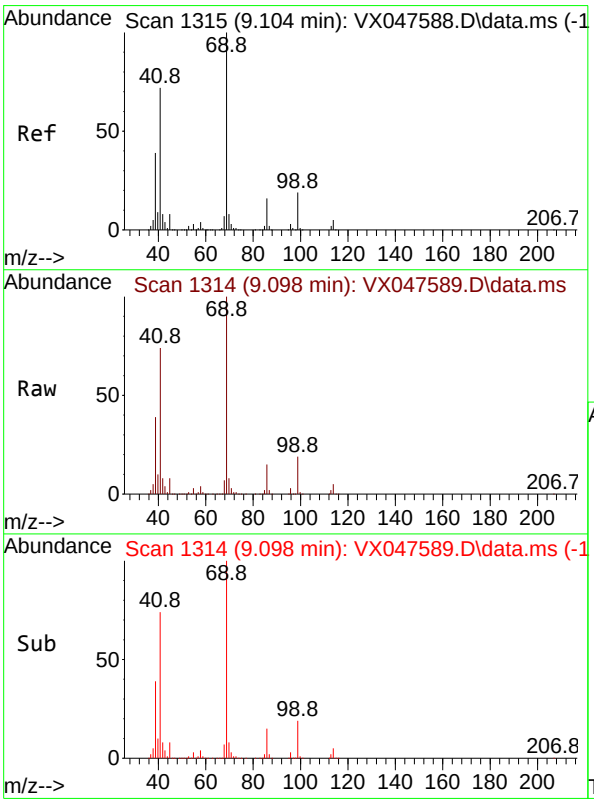
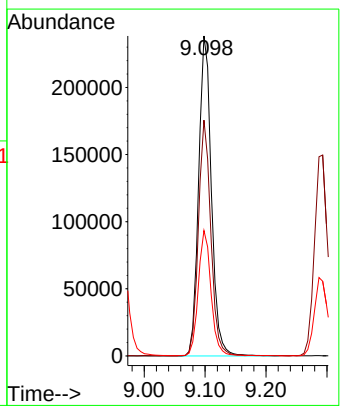
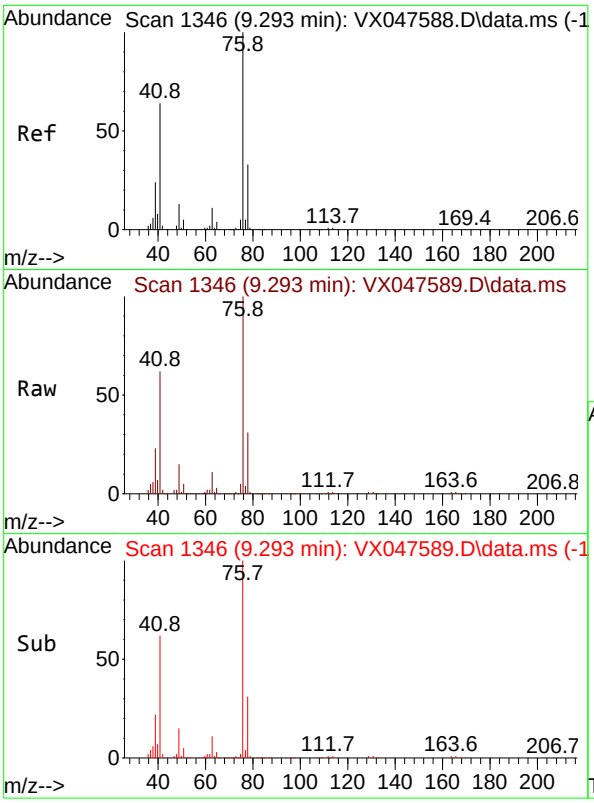


#56
Ethyl methacrylate
Concen: 104.435 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 69 Resp: 346659

Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.6	87.8
39	39.0	31.5	47.3

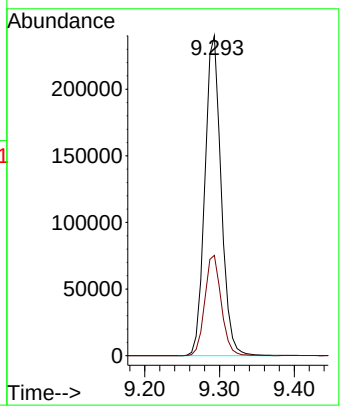




#57
1,3-Dichloropropane
Concen: 99.935 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 76 Resp: 36284

Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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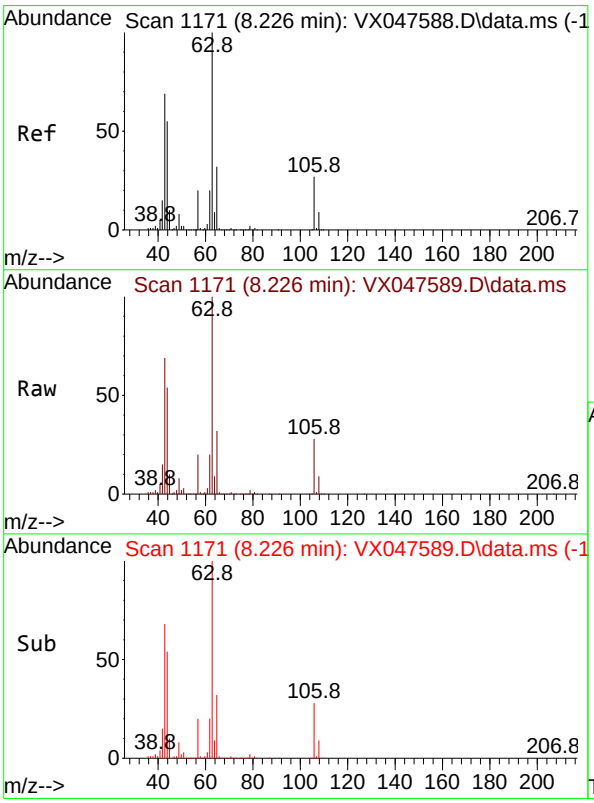
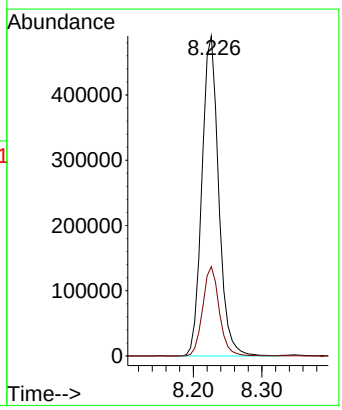
Supervised By :Mahesh Dadoda 09/18/2025

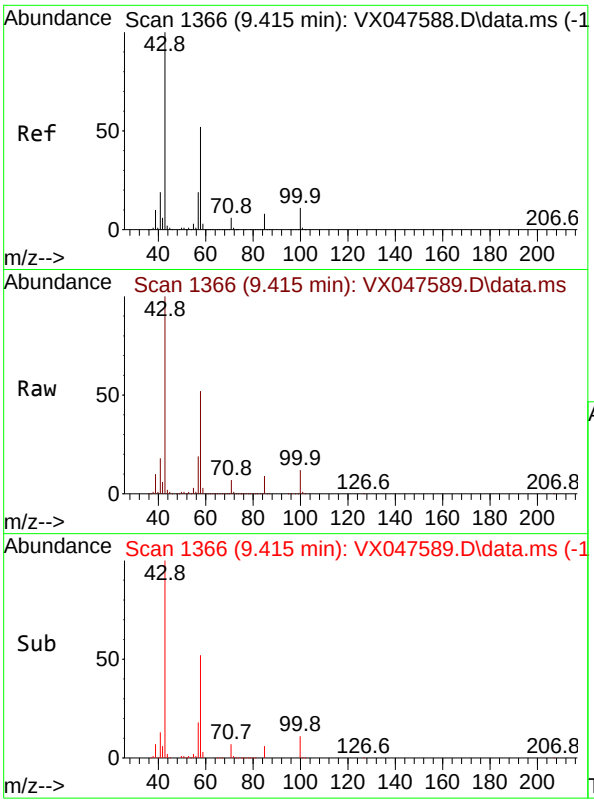


#58
2-Chloroethyl Vinyl ether
Concen: 499.814 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 836362

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9





#59
2-Hexanone
Concen: 486.380 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 99627

Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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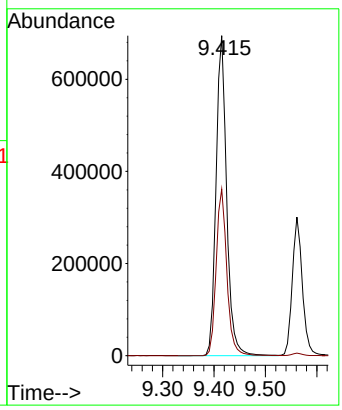
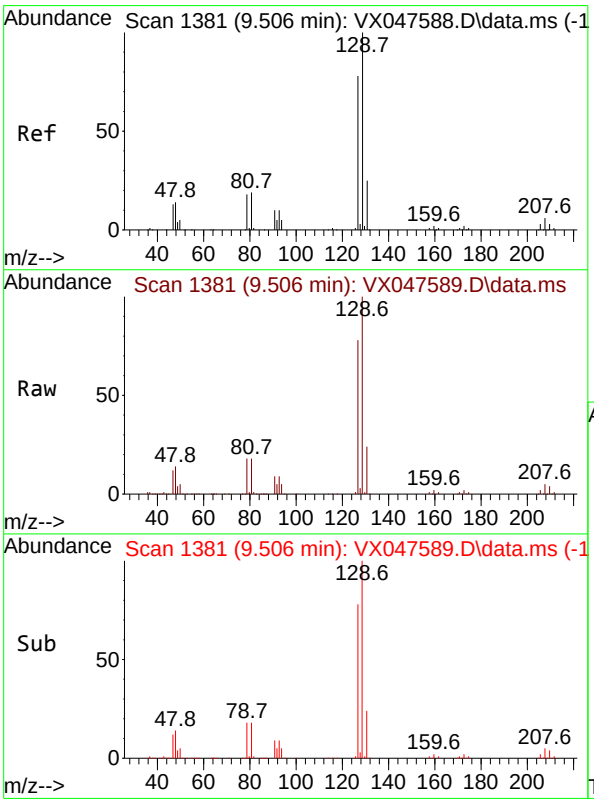
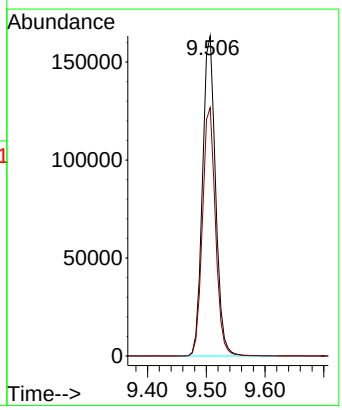


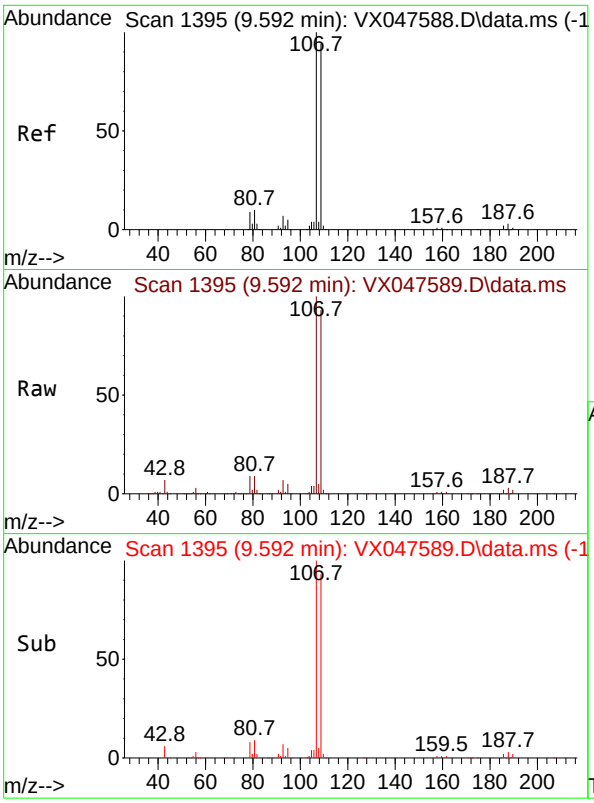


#60
Dibromochloromethane
Concen: 103.226 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:129 Resp: 251394

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.4	115.2

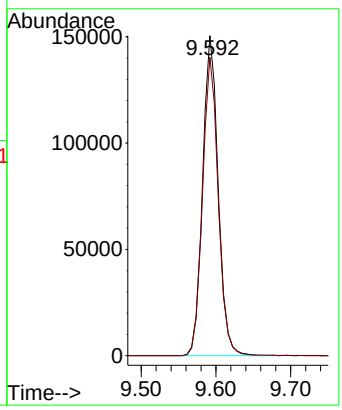




#61
1,2-Dibromoethane
Concen: 101.147 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:107 Resp: 21775

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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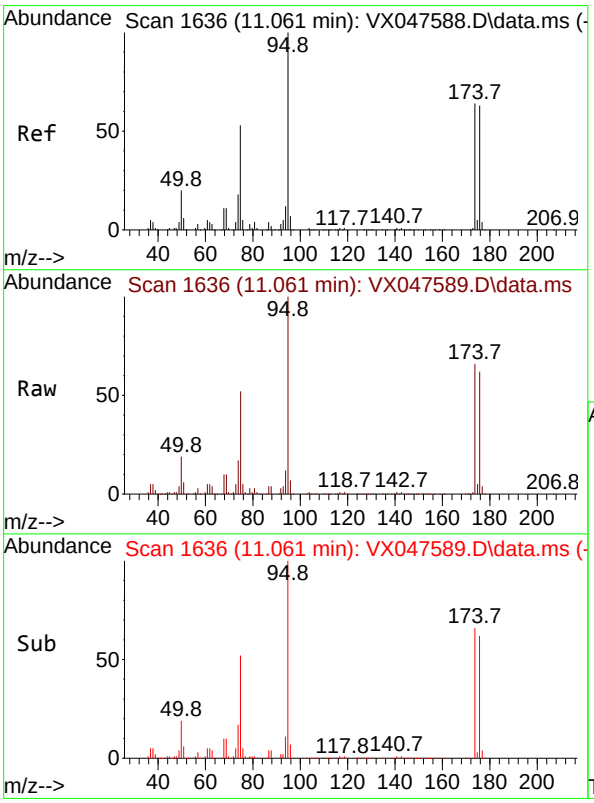
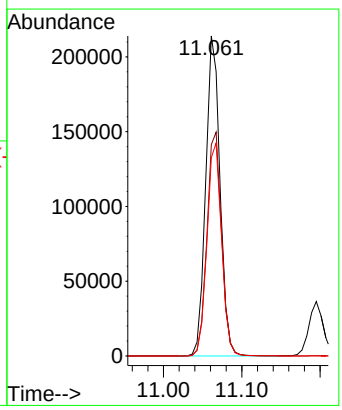
Supervised By :Mahesh Dadoda 09/18/2025

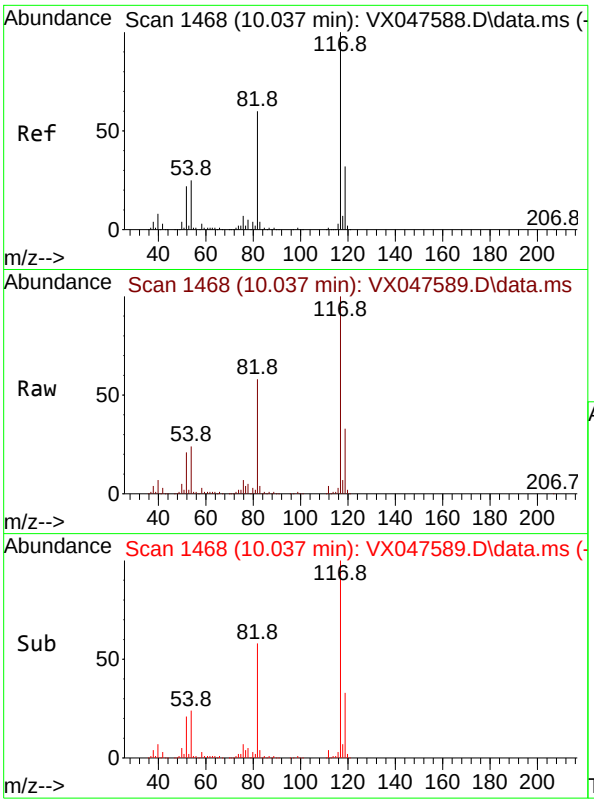


#62
4-Bromofluorobenzene
Concen: 102.672 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 95 Resp: 270289

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	141.6
176	68.0	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 25839

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.6
119	32.7	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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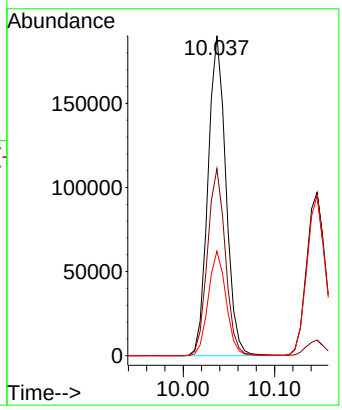
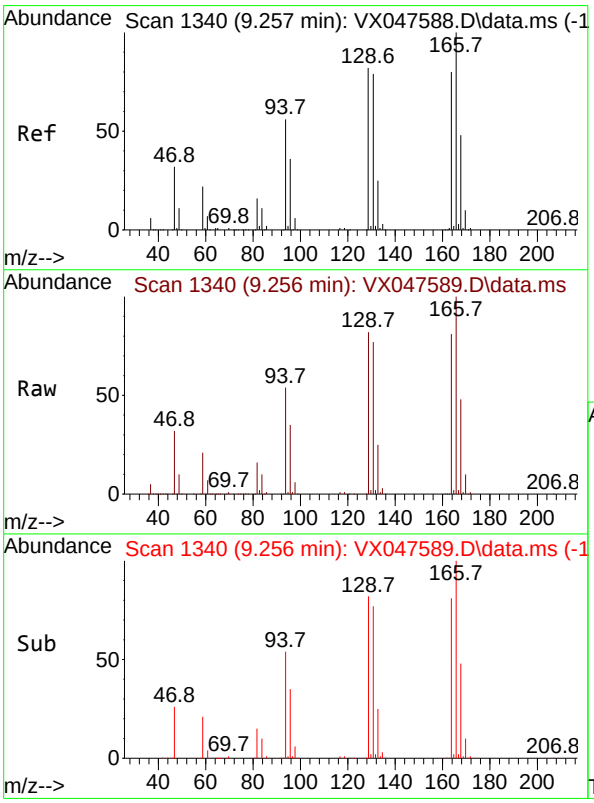
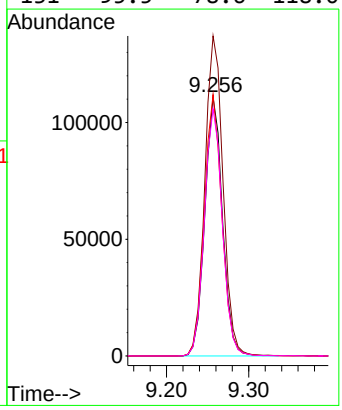


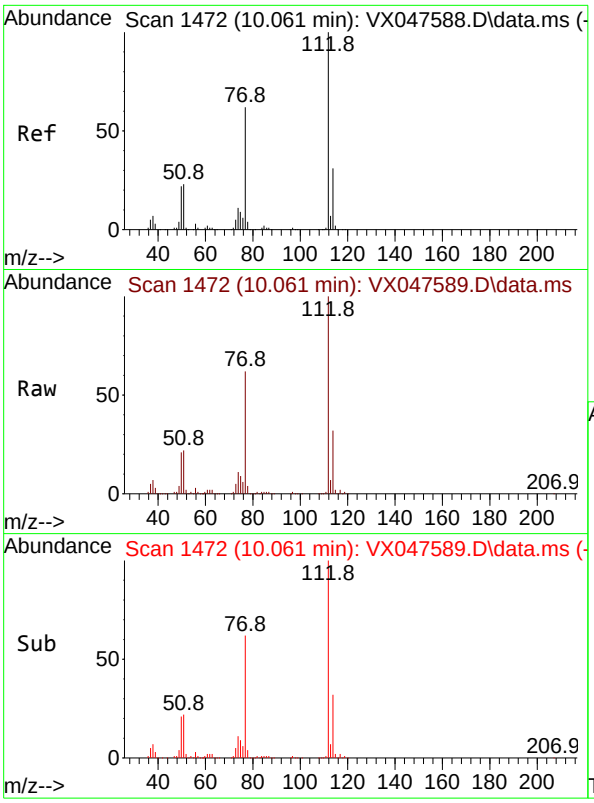


#64
Tetrachloroethene
Concen: 98.284 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:164 Resp: 165559

Ion	Ratio	Lower	Upper
164	100		
166	123.6	100.2	150.2
129	100.9	81.8	122.6
131	95.5	78.6	118.0





#65
Chlorobenzene
Concen: 100.253 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:112 Resp: 58851

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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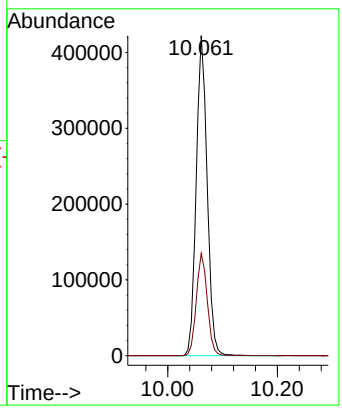
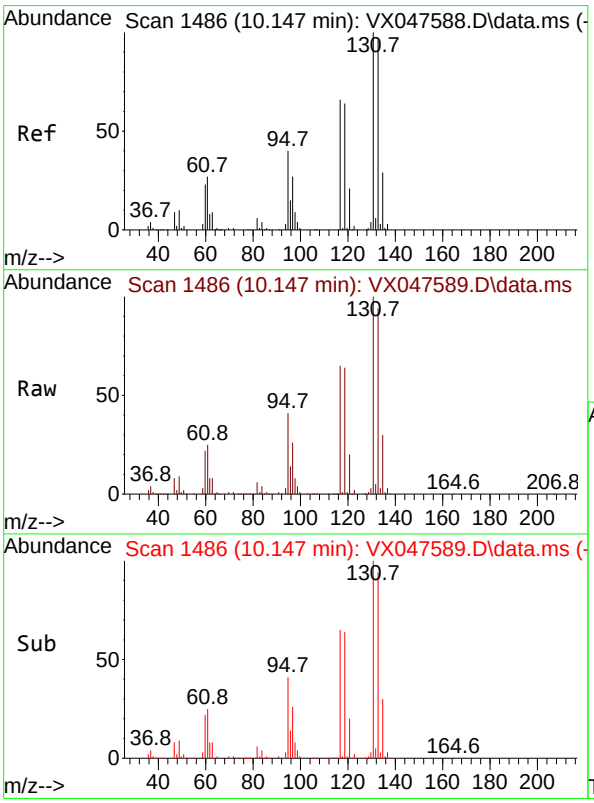
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

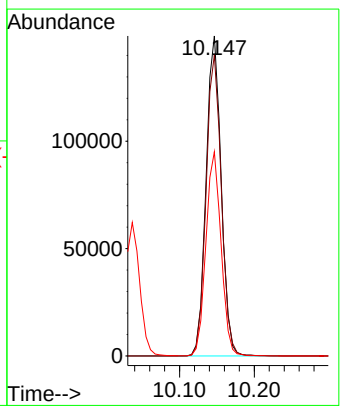


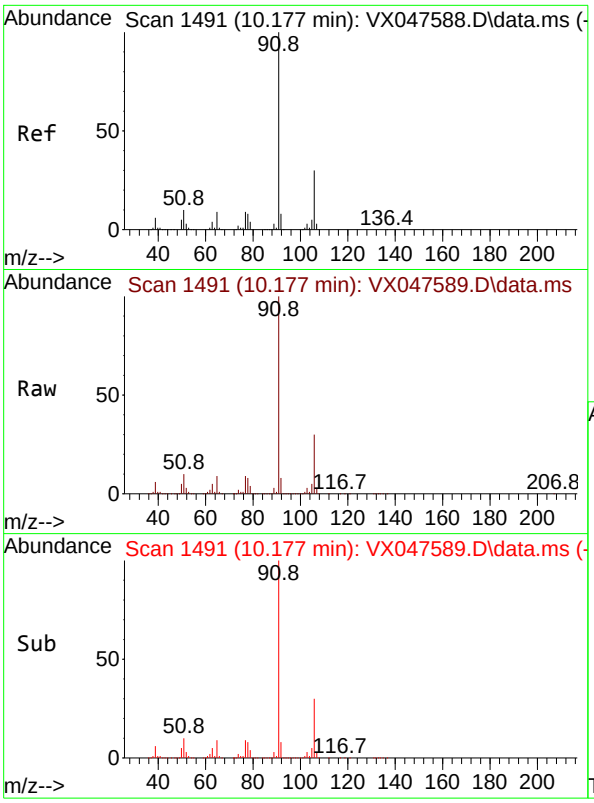


#66
1,1,1,2-Tetrachloroethane
Concen: 102.988 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:131 Resp: 208621

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	142.0
119	64.2	32.0	96.0





#67
Ethyl Benzene
Concen: 101.823 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 103134

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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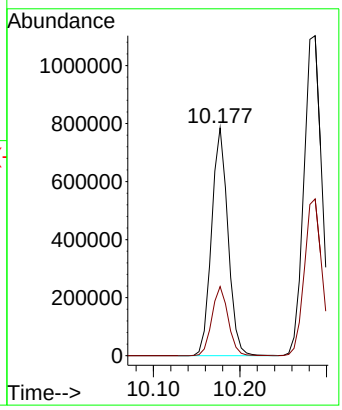
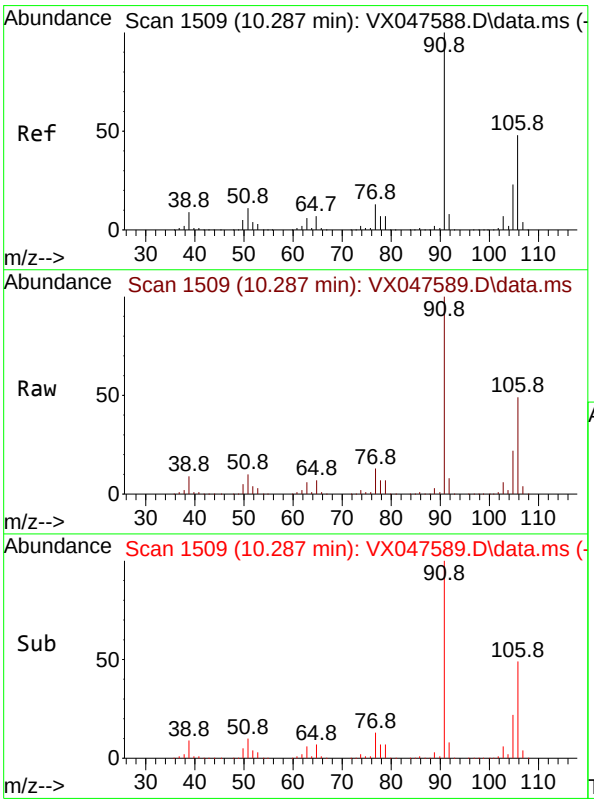
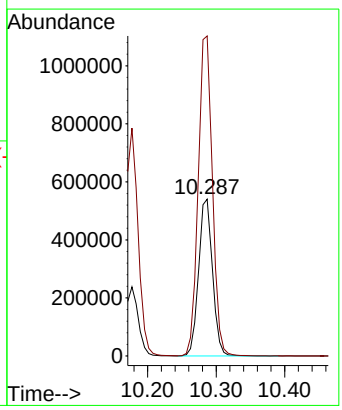


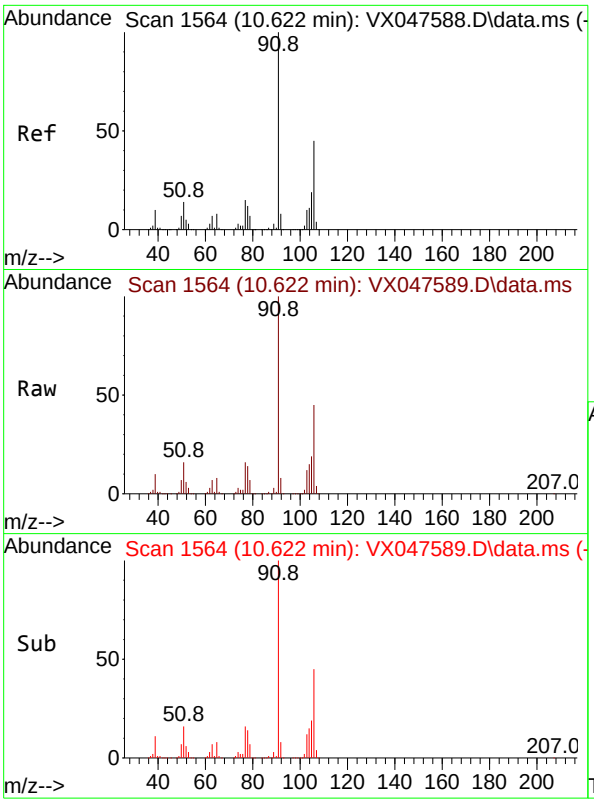


#68
m/p-Xylenes
Concen: 202.624 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:106 Resp: 763898

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8





#69
o-Xylene
Concen: 102.186 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:106 Resp: 37262

Ion	Ratio	Lower	Upper
106	100		
91	221.3	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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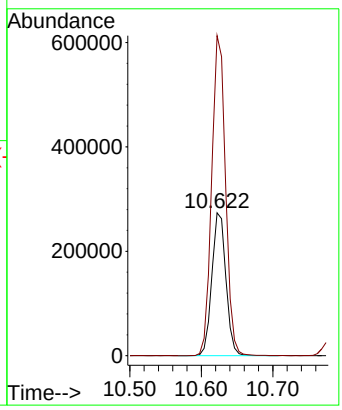
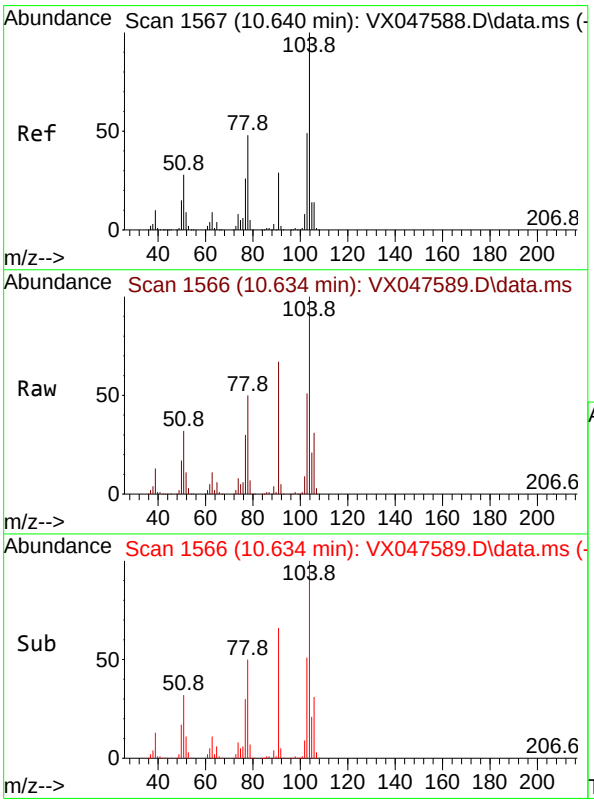
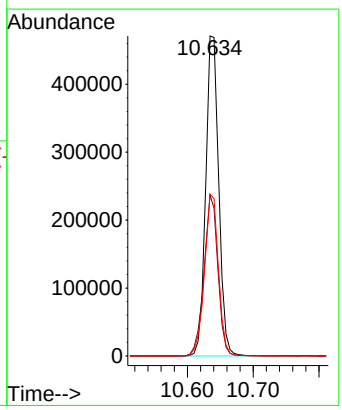


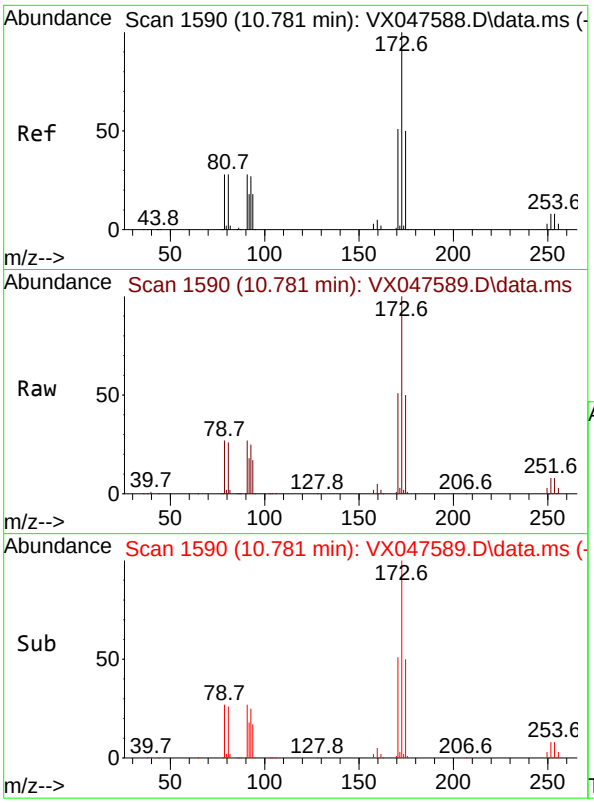


#70
Styrene
Concen: 101.710 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:104 Resp: 649863

Ion	Ratio	Lower	Upper
104	100		
78	53.5	43.1	64.7
103	54.1	43.1	64.7

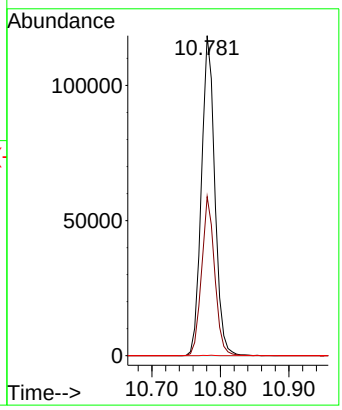




#71
Bromoform
Concen: 106.566 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:173 Resp: 16118

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.6
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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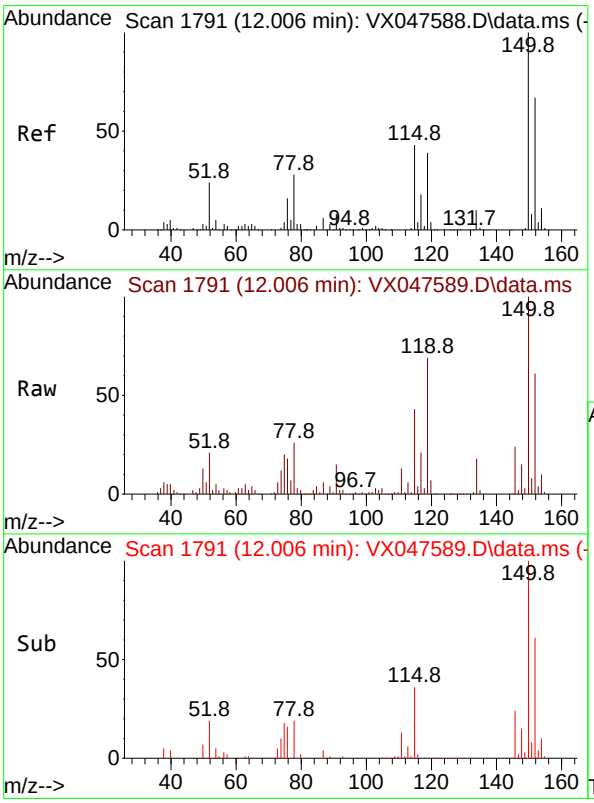
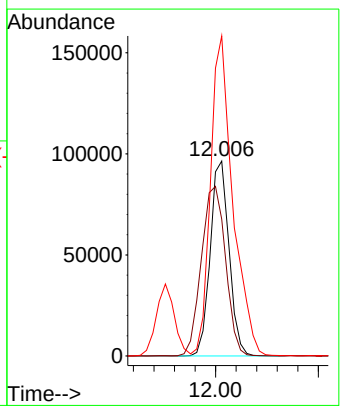
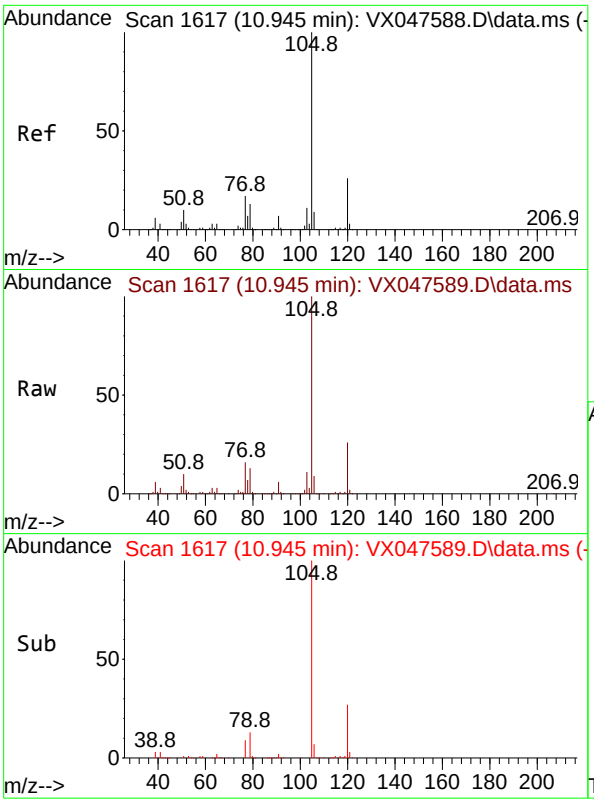


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:152 Resp: 122218

Ion	Ratio	Lower	Upper
152	100		
115	112.6	44.9	134.5
150	195.0	0.0	352.0

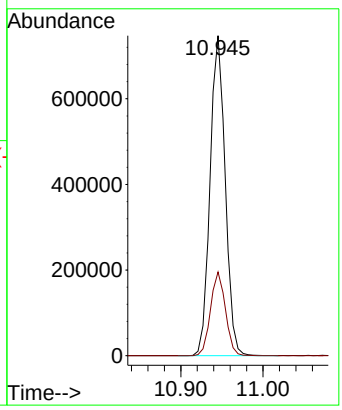




#73
Isopropylbenzene
Concen: 102.768 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 95490

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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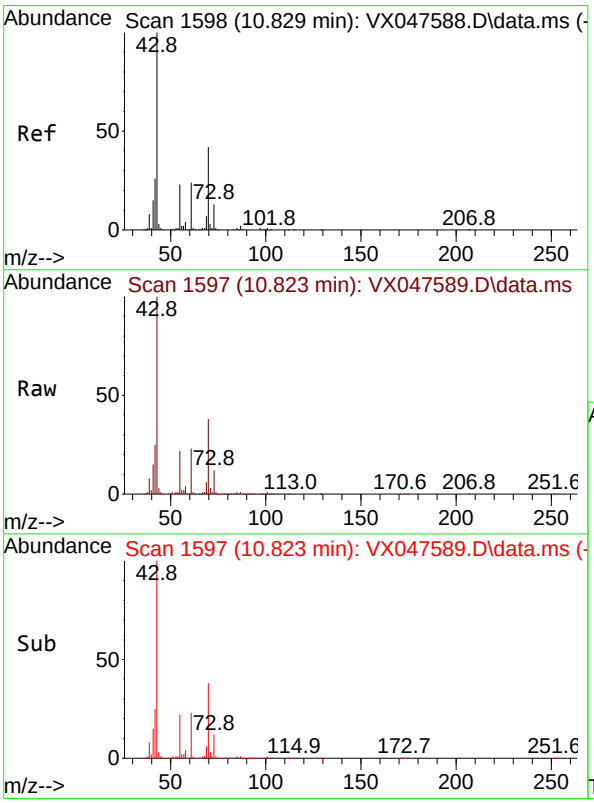
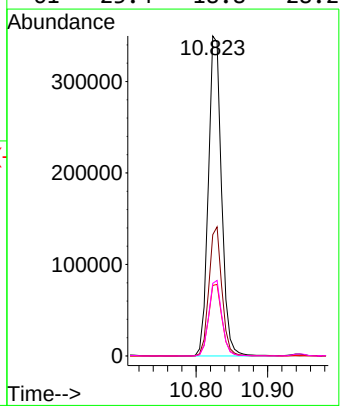
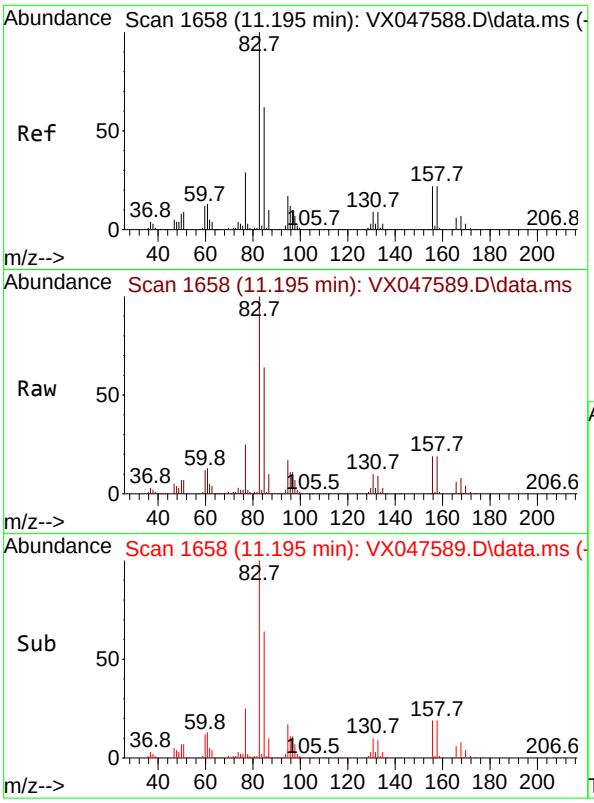


#74
N-amyl acetate
Concen: 105.812 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 448344

Ion	Ratio	Lower	Upper
43	100		
70	39.6	32.0	48.0
55	22.8	18.9	28.3
61	23.4	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 100.172 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 28160

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	14.9
85	65.1	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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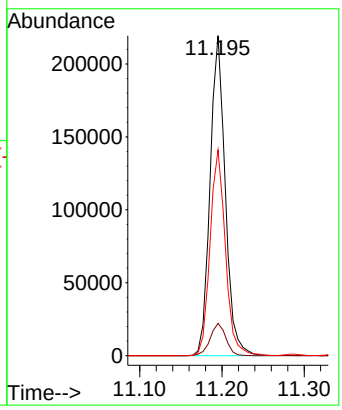
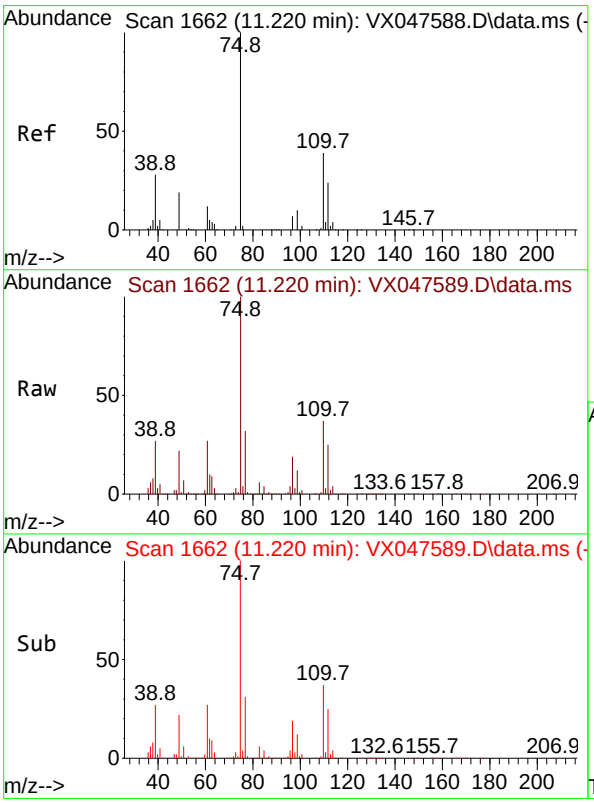
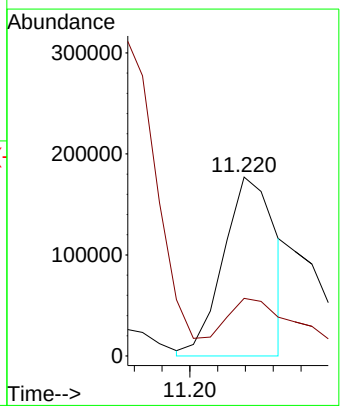


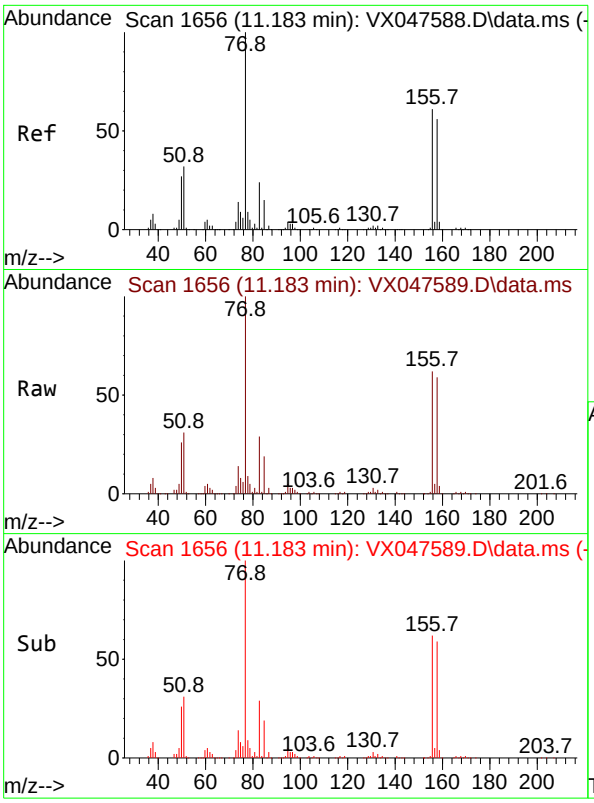


#76
1,2,3-Trichloropropane
Concen: 90.444 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 229521

Ion	Ratio	Lower	Upper
75	100		
77	43.9	18.8	56.4





#77
Bromobenzene
Concen: 102.541 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:156 Resp: 23466

Ion	Ratio	Lower	Upper
156	100		
77	176.0	89.7	269.1
158	96.5	47.9	143.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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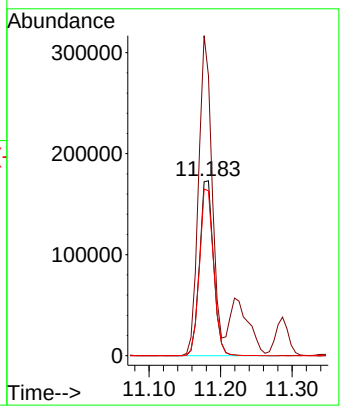
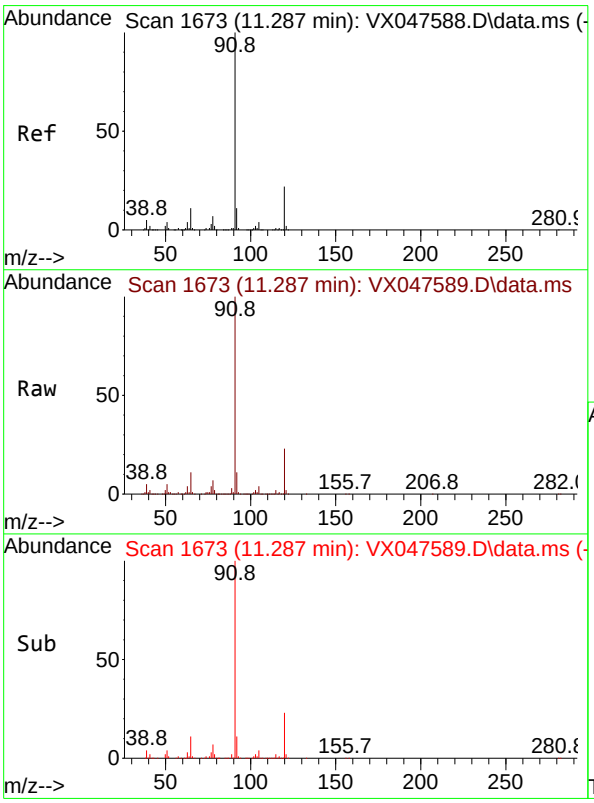
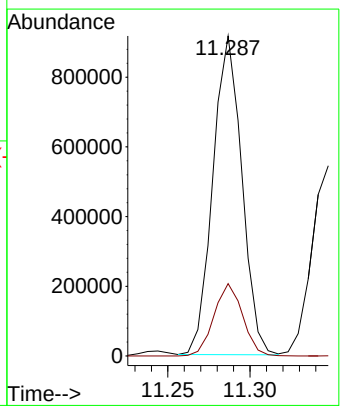


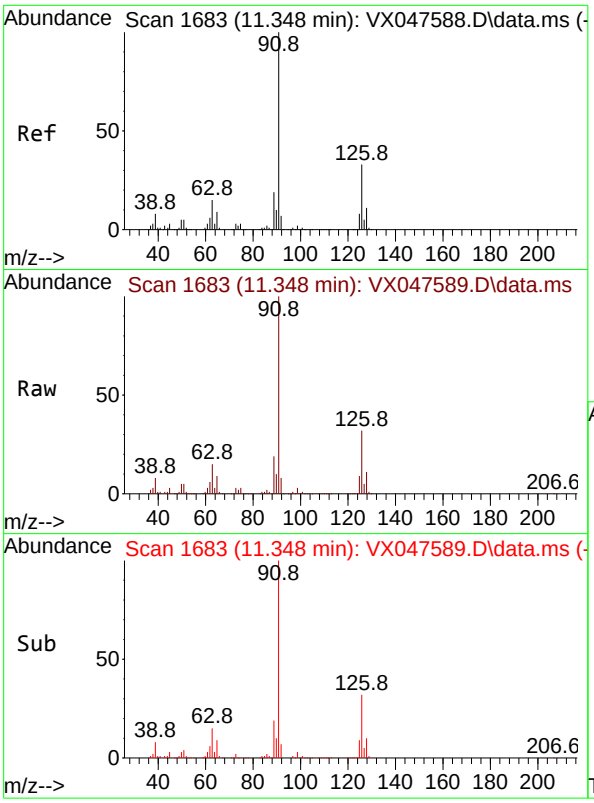


#78
n-propylbenzene
Concen: 101.941 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 1119728

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1

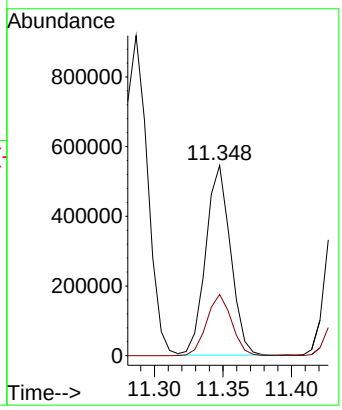




#79
2-Chlorotoluene
Concen: 101.652 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 68386

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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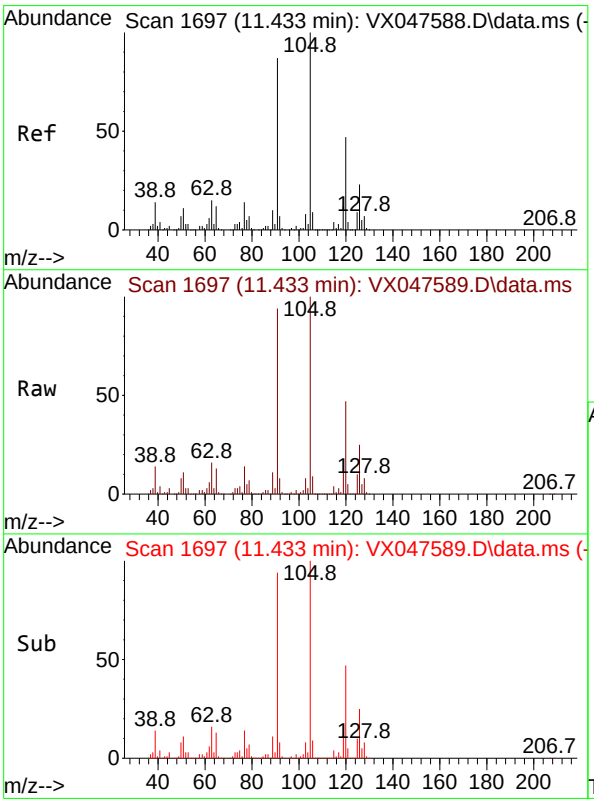
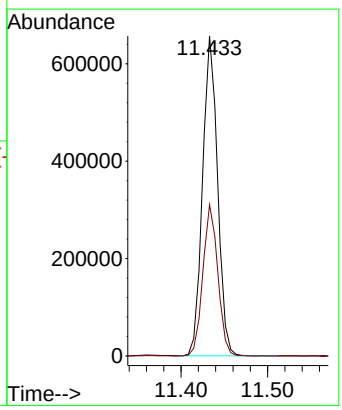
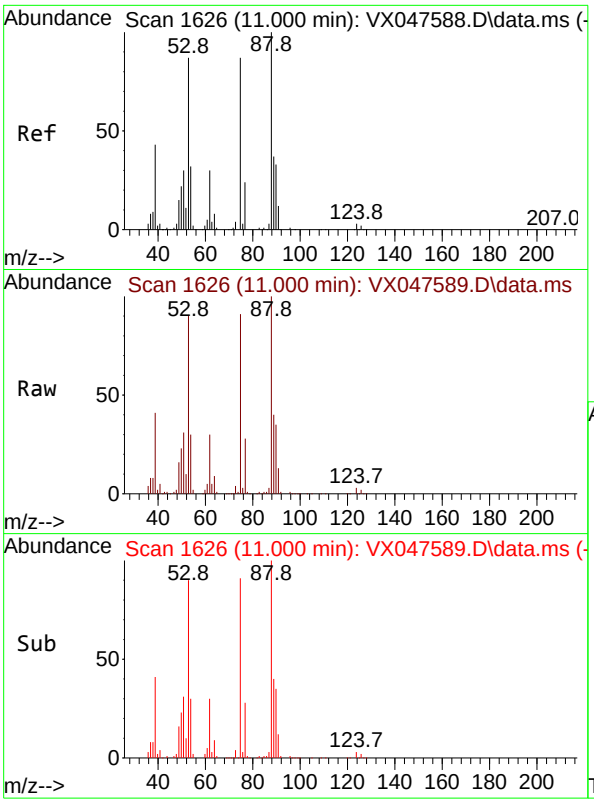


#80
1,3,5-Trimethylbenzene
Concen: 103.134 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 787327

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 105.689 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 10255

Ion	Ratio	Lower	Upper
75	100		
53	101.1	83.4	125.2
89	45.3	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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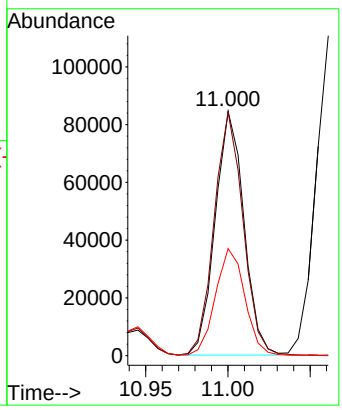
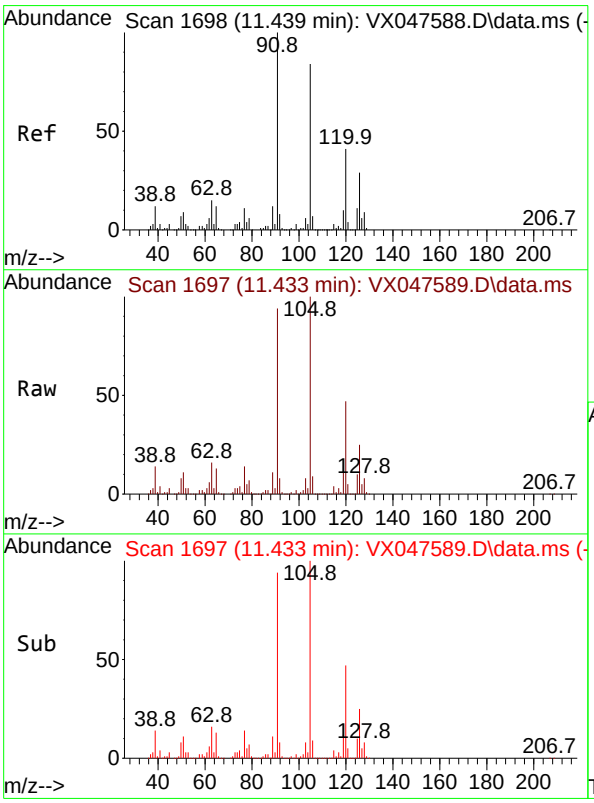
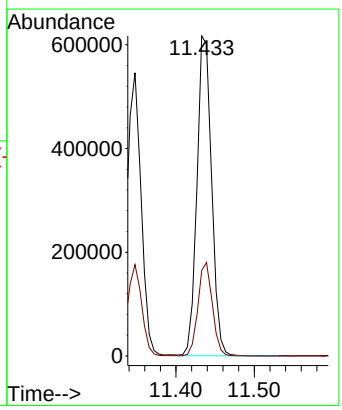


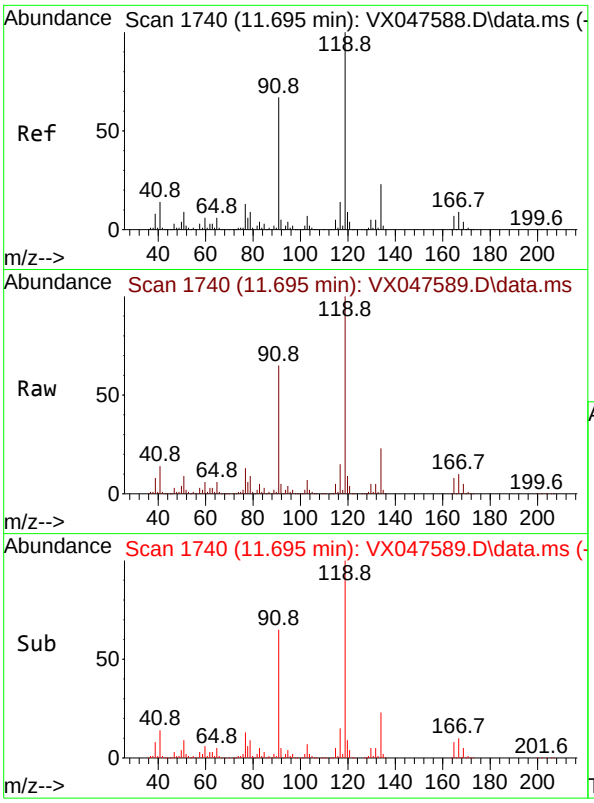


#82
4-Chlorotoluene
Concen: 101.054 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 802929

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

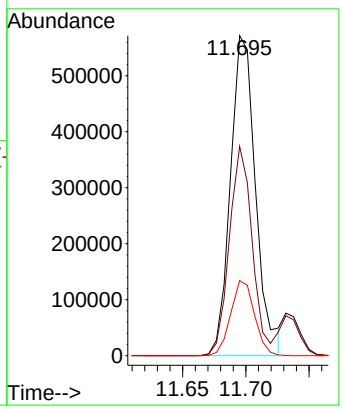




#83
tert-Butylbenzene
Concen: 101.333 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:119 Resp: 79189

Ion	Ratio	Lower	Upper
119	100		
91	59.3	29.6	88.8
134	22.3	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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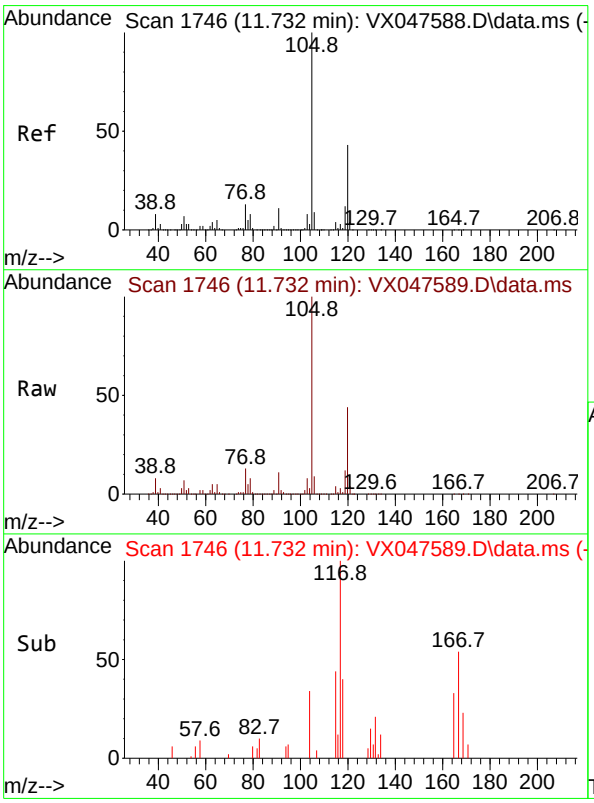
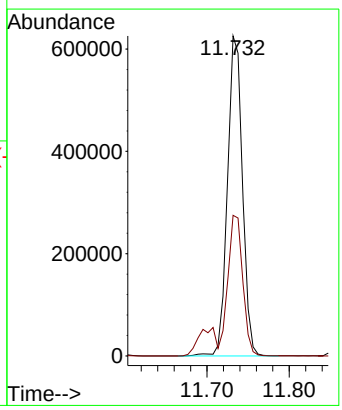
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

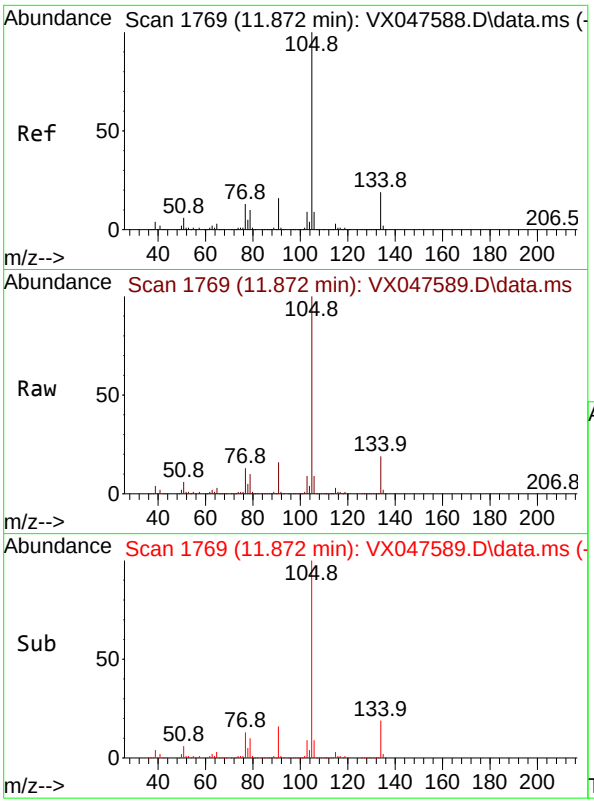


#84
1,2,4-Trimethylbenzene
Concen: 102.144 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 790557

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1

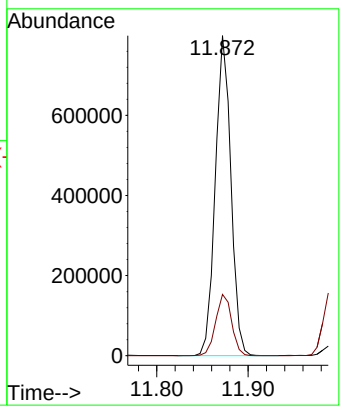




#85
sec-Butylbenzene
Concen: 101.840 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 94532

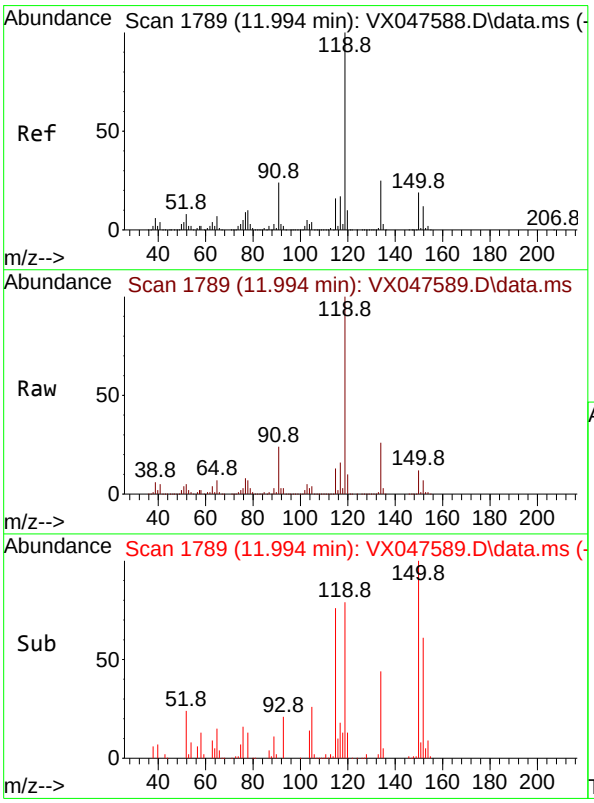
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

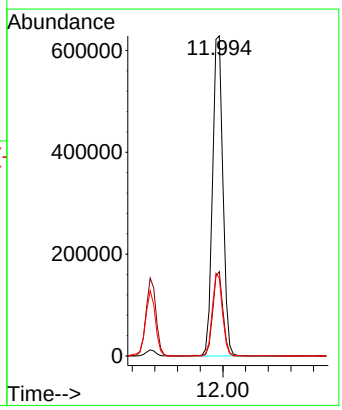
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

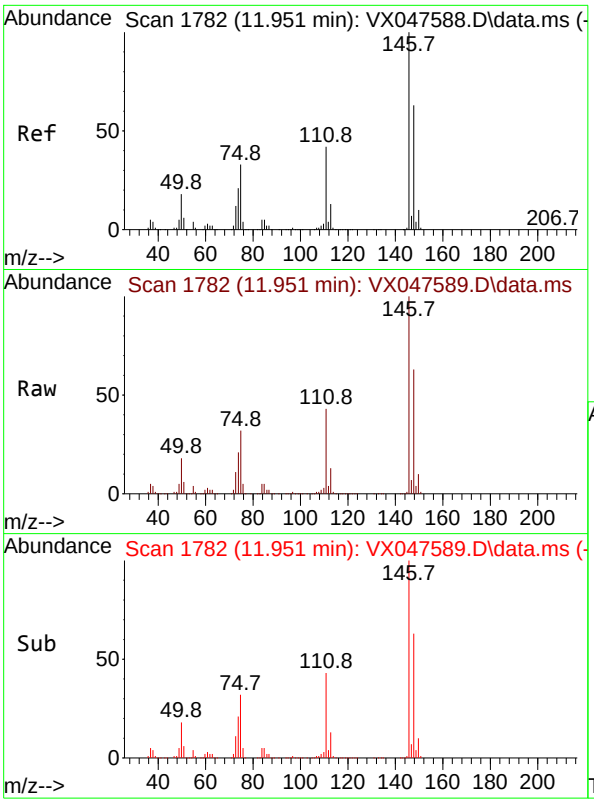


#86
p-Isopropyltoluene
Concen: 101.501 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:119 Resp: 797643

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	25.2	12.6	37.6

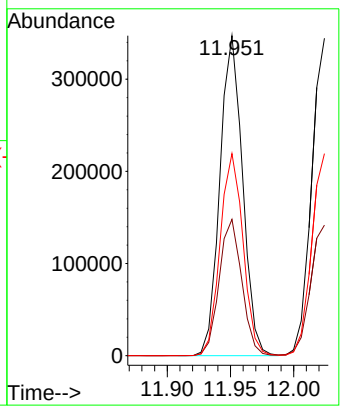




#87
1,3-Dichlorobenzene
Concen: 101.689 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 43224

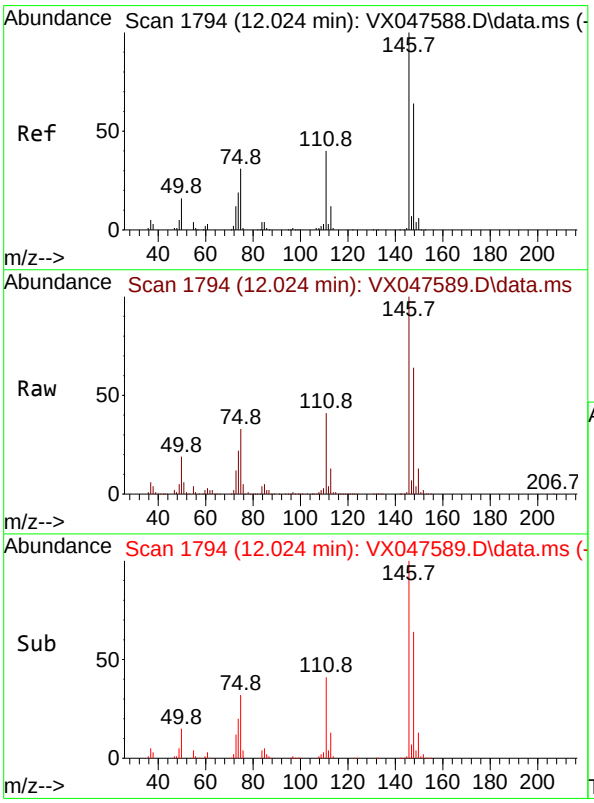
Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.5	64.5
148	63.9	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

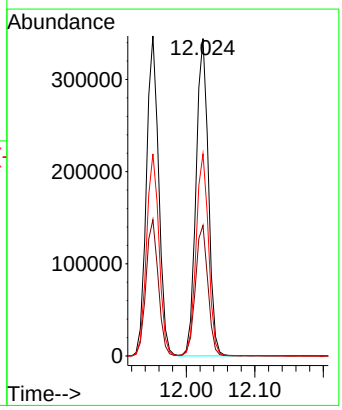
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

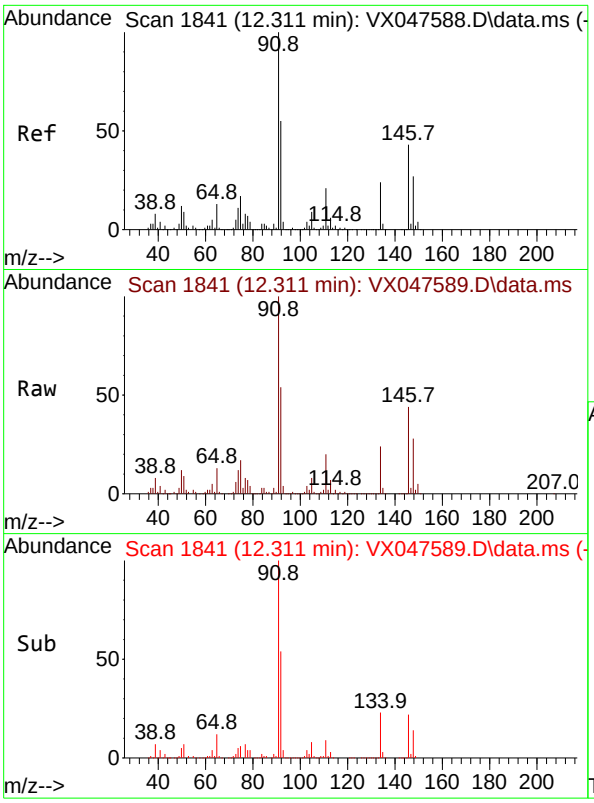


#88
1,4-Dichlorobenzene
Concen: 98.985 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 431839

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.8	31.7	95.1





#89
n-Butylbenzene
Concen: 104.138 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

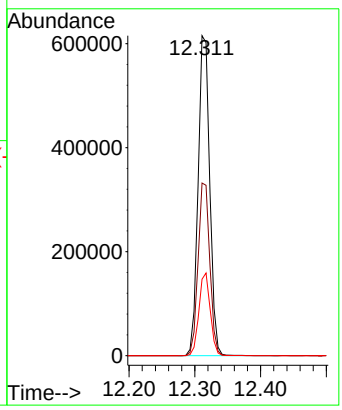
Tgt Ion: 91 Resp: 75723

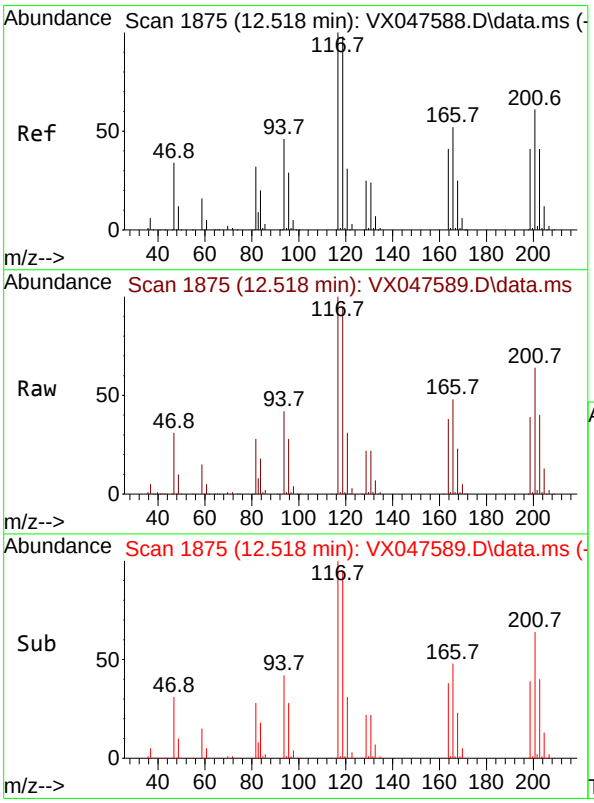
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	25.1	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

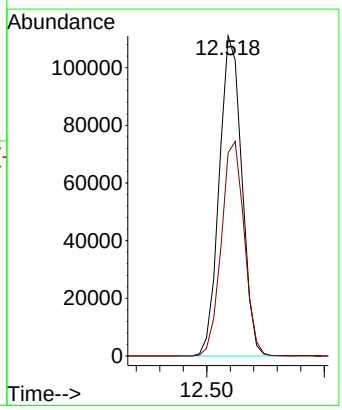


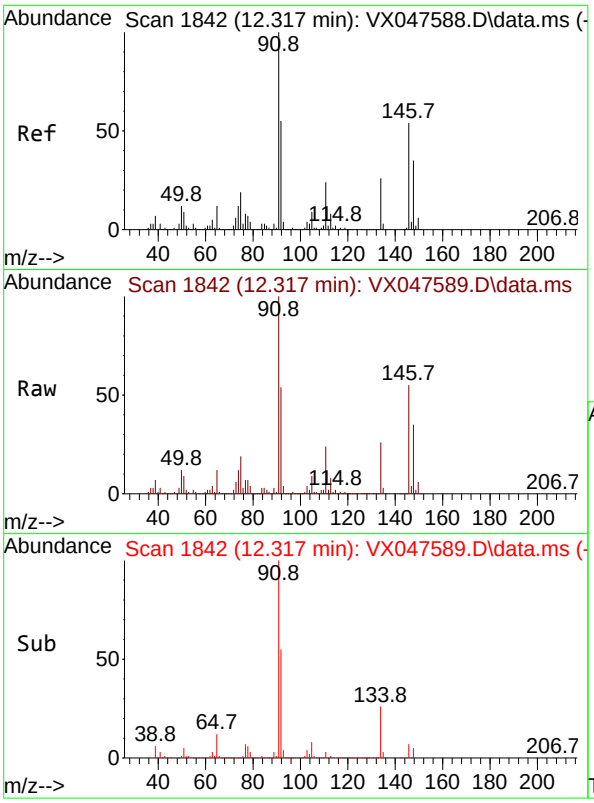


#90
Hexachloroethane
Concen: 107.304 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 148048

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.2	102.5

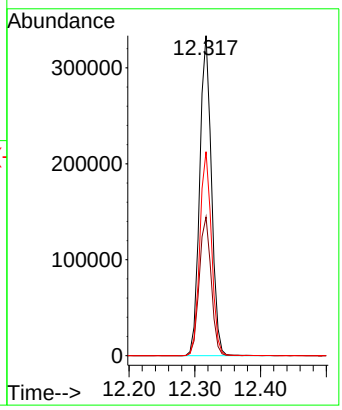




#91
1,2-Dichlorobenzene
Concen: 102.352 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 41449

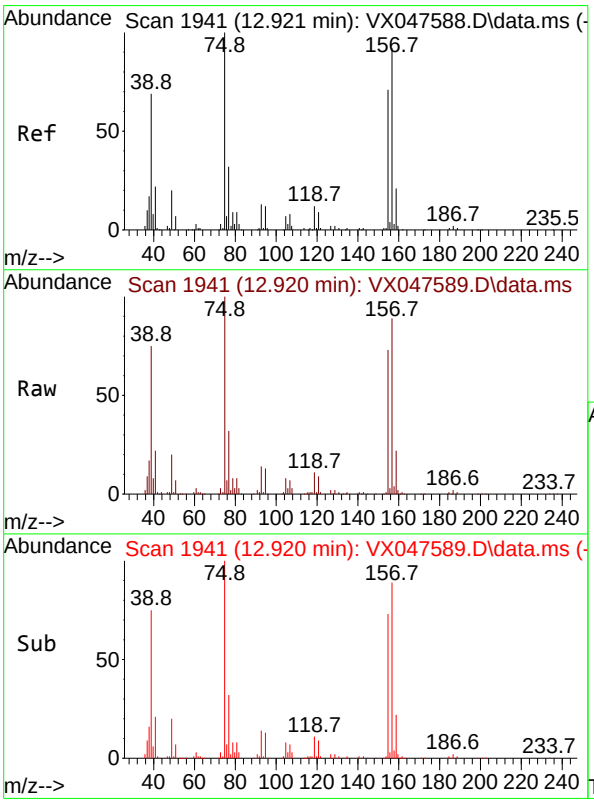
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	63.4	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

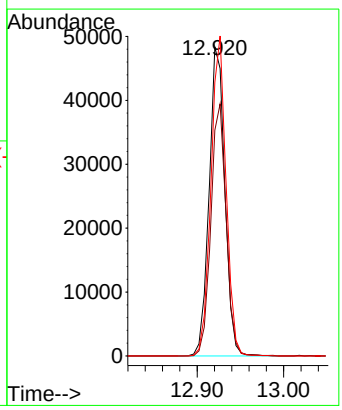
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

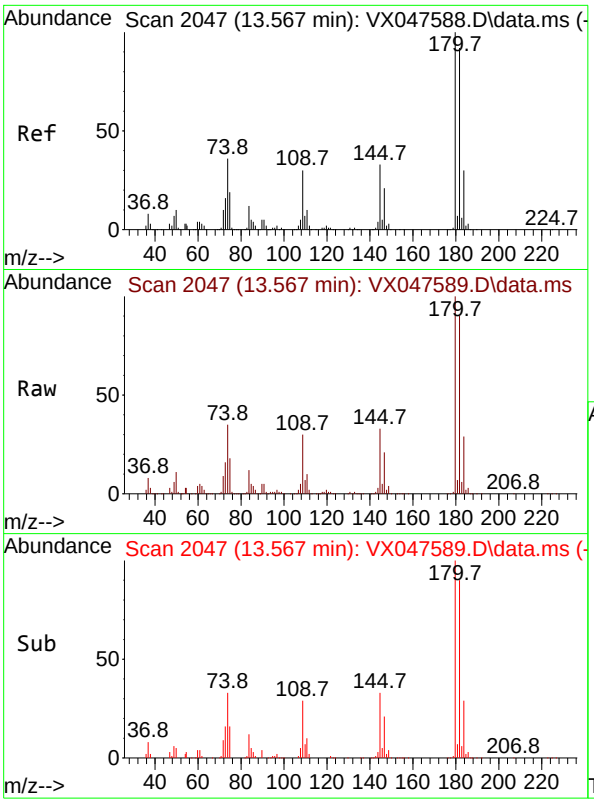


#92
1,2-Dibromo-3-Chloropropane
Concen: 107.225 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 61029

Ion	Ratio	Lower	Upper
75	100		
155	79.0	37.7	113.1
157	99.2	49.8	149.4

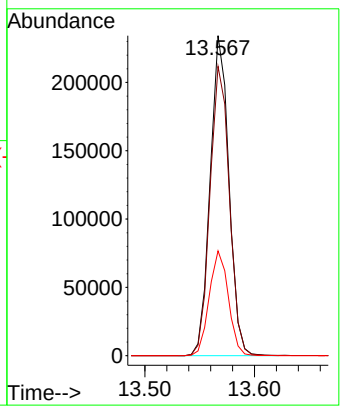




#93
1,2,4-Trichlorobenzene
Concen: 105.922 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:180 Resp: 27877

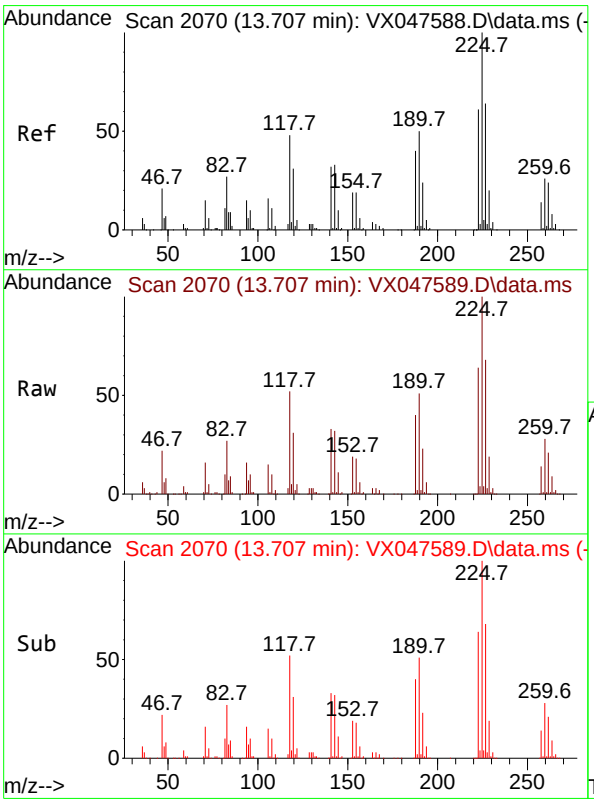
Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	33.3	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

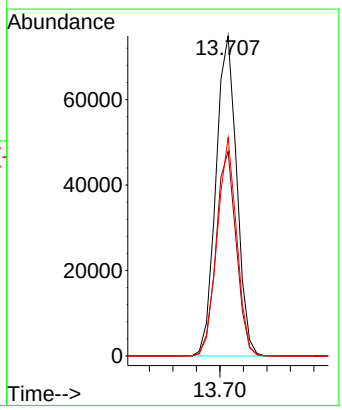
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

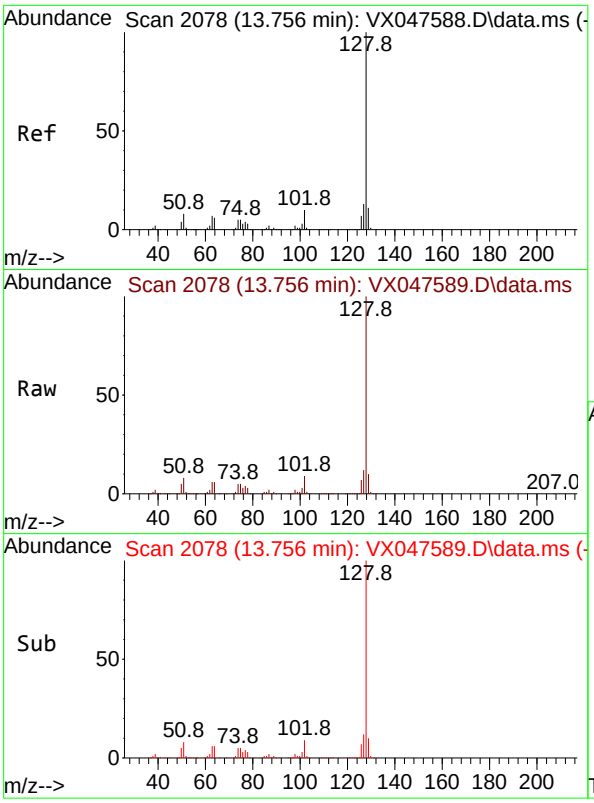


#94
Hexachlorobutadiene
Concen: 103.049 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:225 Resp: 92124

Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.7	95.1
227	63.8	32.0	96.0

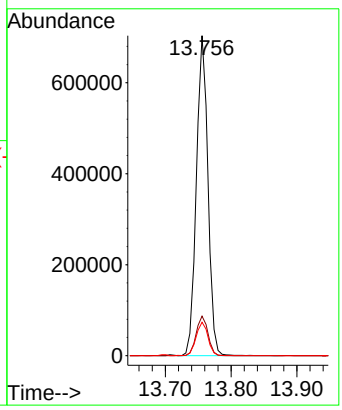




#95
Naphthalene
Concen: 106.620 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:128 Resp: 85449

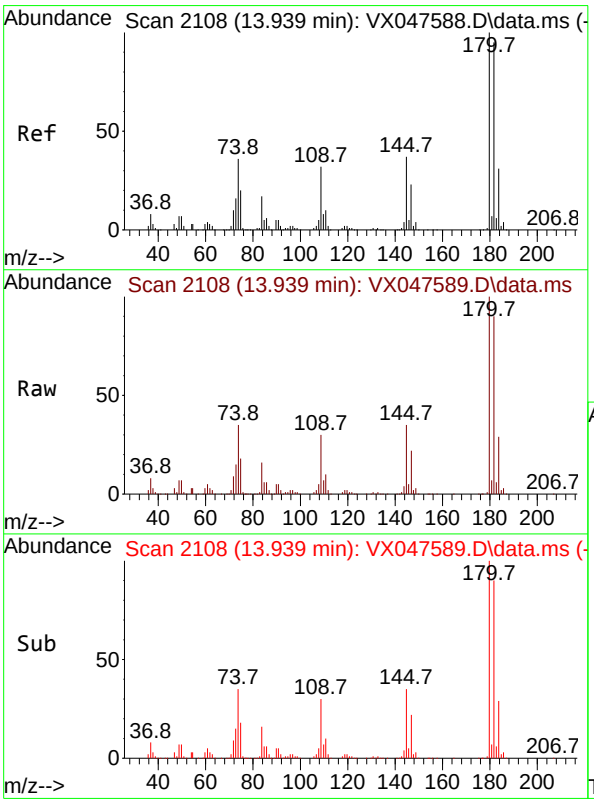
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

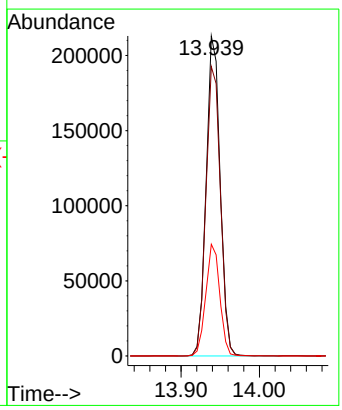
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 107.633 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:180 Resp: 263512

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.6	142.8
145	35.0	17.9	53.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	153177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	241818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114743	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	396627	162.673	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 325.340%#			
35) Dibromofluoromethane	5.373	113	303728	164.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 329.600%#			
50) Toluene-d8	8.635	98	1041079	163.253	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 326.500%#			
62) 4-Bromofluorobenzene	11.067	95	399386	165.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 330.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	226166	142.586	ug/l	99
3) Chloromethane	1.301	50	297259	142.593	ug/l	99
4) Vinyl Chloride	1.380	62	302303	148.140	ug/l	98
5) Bromomethane	1.605	94	147541	114.019	ug/l	98
6) Chloroethane	1.691	64	195927	143.652	ug/l	99
7) Trichlorofluoromethane	1.892	101	453116	149.545	ug/l	99
8) Diethyl Ether	2.136	74	188006	151.684	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	267995	151.264	ug/l	99
10) Methyl Iodide	2.453	142	407242	147.384	ug/l	99
11) Tert butyl alcohol	2.959	59	215927	795.166	ug/l	100
12) 1,1-Dichloroethene	2.325	96	273692	150.388	ug/l	97
13) Acrolein	2.239	56	223763	894.203	ug/l	98
14) Allyl chloride	2.666	41	554779	147.727	ug/l	99
15) Acrylonitrile	3.063	53	790790	786.201	ug/l	99
16) Acetone	2.380	43	686119	647.201	ug/l	98
17) Carbon Disulfide	2.514	76	714503	143.412	ug/l	99
18) Methyl Acetate	2.703	43	404736	171.548	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1015295	152.826	ug/l	100
20) Methylene Chloride	2.788	84	324032	144.398	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	291616	148.833	ug/l	98
22) Diisopropyl ether	3.757	45	1095726	150.551	ug/l	97
23) Vinyl Acetate	3.715	43	4504849	773.364	ug/l	100
24) 1,1-Dichloroethane	3.605	63	587129	151.776	ug/l	98
25) 2-Butanone	4.544	43	973938	736.502	ug/l	99
26) 2,2-Dichloropropane	4.471	77	486890	151.414	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	366262	152.638	ug/l	99
28) Bromochloromethane	4.885	49	289548	171.451	ug/l	99
29) Tetrahydrofuran	4.989	42	616374	774.811	ug/l	100
30) Chloroform	5.080	83	591709	151.367	ug/l	99
31) Cyclohexane	5.458	56	456119	141.570	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	506654	152.802	ug/l	99
36) 1,1-Dichloropropene	5.684	75	386601	143.556	ug/l	99
37) Ethyl Acetate	4.702	43	444461	154.141	ug/l	99
38) Carbon Tetrachloride	5.666	117	427263	146.021	ug/l	98
39) Methylcyclohexane	7.367	83	456694	149.395	ug/l	98
40) Benzene	6.025	78	1202846	147.057	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.904	41	223218	149.951 ug/l	99
42) 1,2-Dichloroethane	6.074	62	455978	146.515 ug/l	99
43) Isopropyl Acetate	6.324	43	724888	153.283 ug/l	99
44) Trichloroethene	7.111	130	299673	151.542 ug/l	96
45) 1,2-Dichloropropane	7.415	63	316720	151.219 ug/l	99
46) Dibromomethane	7.568	93	228550	149.954 ug/l	97
47) Bromodichloromethane	7.806	83	483438	153.710 ug/l	98
48) Methyl methacrylate	7.678	41	367931	156.194 ug/l	99
49) 1,4-Dioxane	7.647	88	82739	3475.565 ug/l	98
51) 4-Methyl-2-Pentanone	8.562	43	2008063	765.849 ug/l	100
52) Toluene	8.702	92	739332	146.712 ug/l	99
53) t-1,3-Dichloropropene	8.964	75	503912	157.076 ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	530566	154.732 ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	289103	148.781 ug/l	99
56) Ethyl methacrylate	9.104	69	490623	160.773 ug/l	97
57) 1,3-Dichloropropane	9.293	76	502121	150.426 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.232	63	1202206	749.661 ug/l	99
59) 2-Hexanone	9.415	43	1412417	750.035 ug/l	99
60) Dibromochloromethane	9.506	129	347748	155.318 ug/l	98
61) 1,2-Dibromoethane	9.592	107	302715	152.949 ug/l	99
64) Tetrachloroethene	9.263	164	227931	144.590 ug/l	98
65) Chlorobenzene	10.061	112	828239	150.763 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	291433	153.733 ug/l	98
67) Ethyl Benzene	10.177	91	1431554	151.026 ug/l	99
68) m/p-Xylenes	10.287	106	1059776	300.381 ug/l	99
69) o-Xylene	10.628	106	521840	152.920 ug/l	99
70) Styrene	10.640	104	917532	153.449 ug/l	99
71) Bromoform	10.781	173	229683	162.262 ug/l	99
73) Isopropylbenzene	10.945	105	1321409	151.477 ug/l	99
74) N-amyl acetate	10.829	43	636879	160.099 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	403906	153.035 ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	366171m	153.692 ug/l	
77) Bromobenzene	11.183	156	328336	152.818 ug/l	99
78) n-propylbenzene	11.287	91	1550316	150.337 ug/l	99
79) 2-Chlorotoluene	11.348	91	939707	148.781 ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	1091593	152.306 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	145921	160.176 ug/l	97
82) 4-Chlorotoluene	11.439	91	1127233	151.112 ug/l	100
83) tert-Butylbenzene	11.701	119	1106532	150.819 ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	1106914	152.336 ug/l	100
85) sec-Butylbenzene	11.872	105	1319819	151.448 ug/l	99
86) p-Isopropyltoluene	11.994	119	1103210	149.530 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	605123	151.633 ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	613617	149.814 ug/l	99
89) n-Butylbenzene	12.317	91	1032357	151.222 ug/l	100
90) Hexachloroethane	12.518	117	211472	163.258 ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	582565	153.227 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	89415	167.332 ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	387652	156.884 ug/l	98
94) Hexachlorobutadiene	13.707	225	121791	145.110 ug/l	99
95) Naphthalene	13.756	128	1229363	163.388 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	369382	160.704 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
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 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

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

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

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
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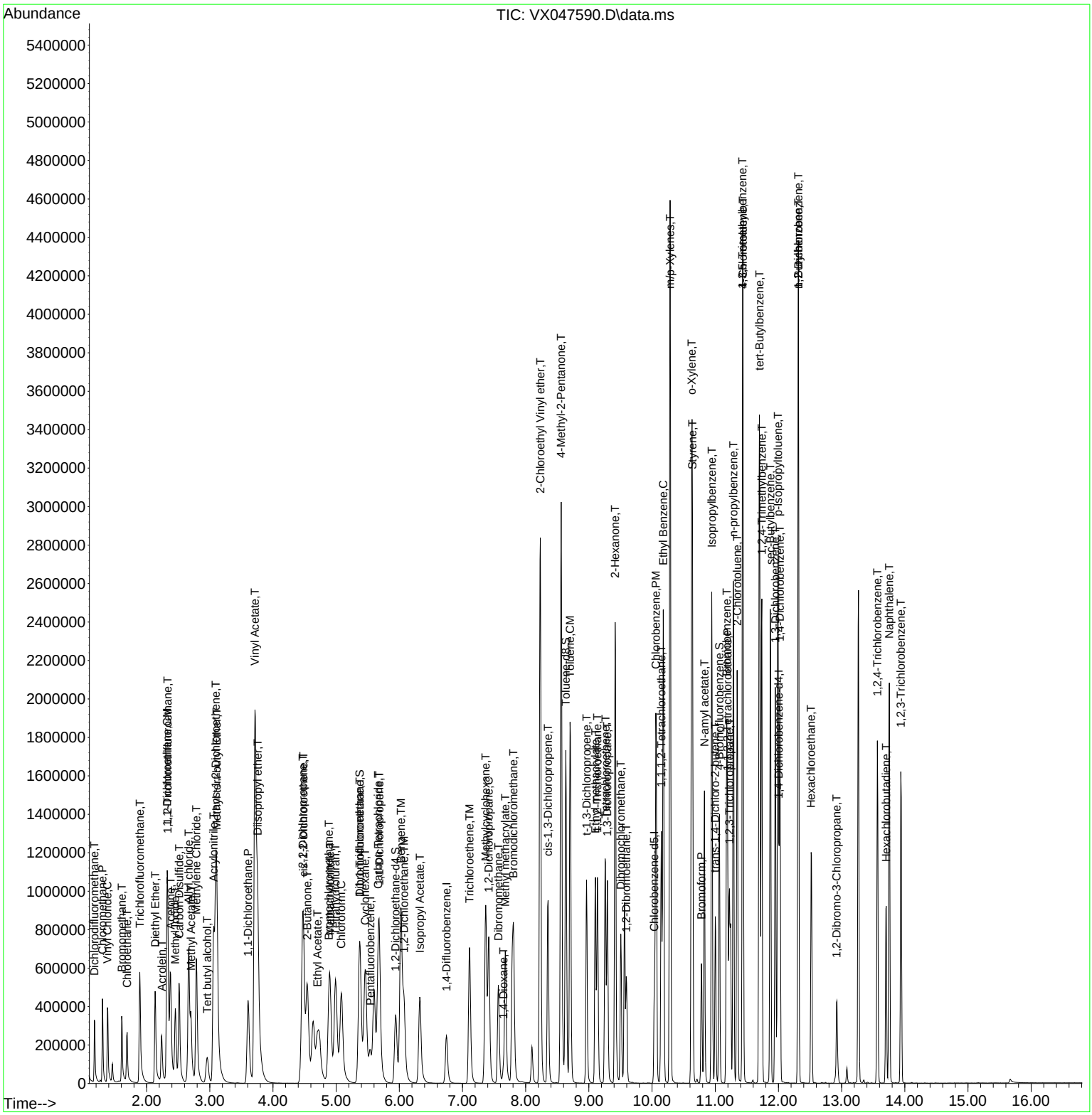
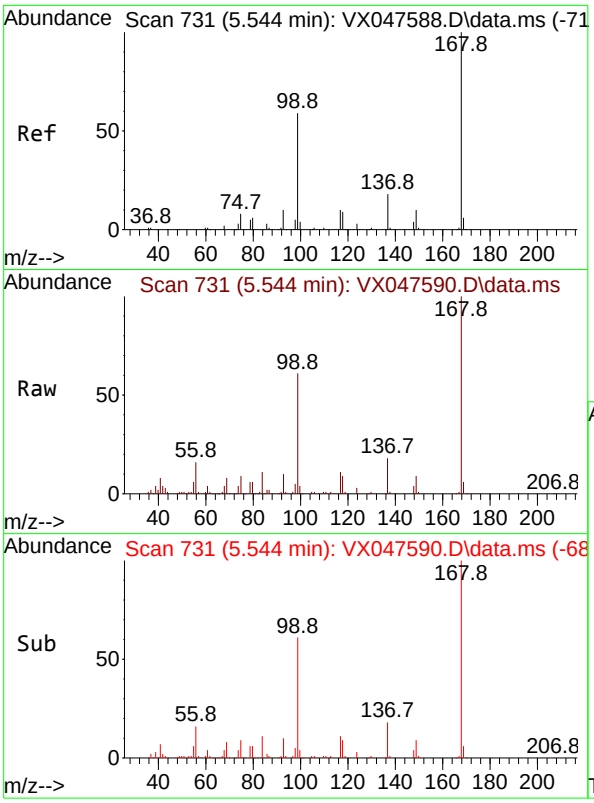
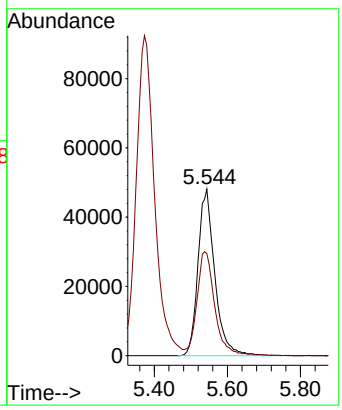




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:168 Resp: 15317

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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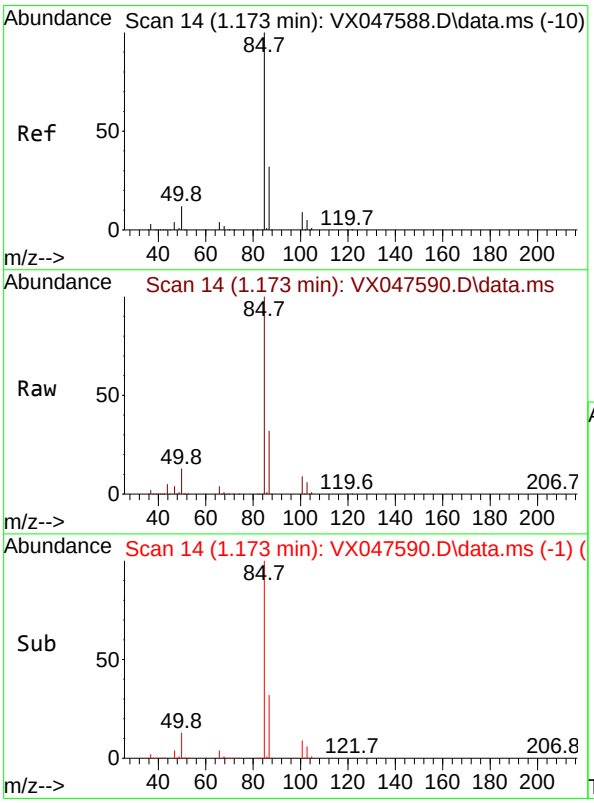
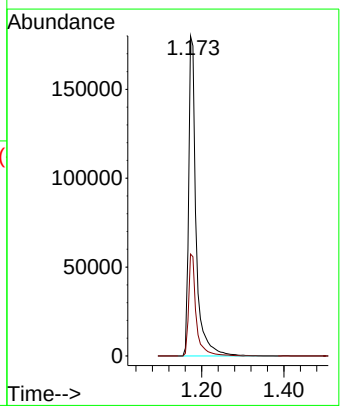
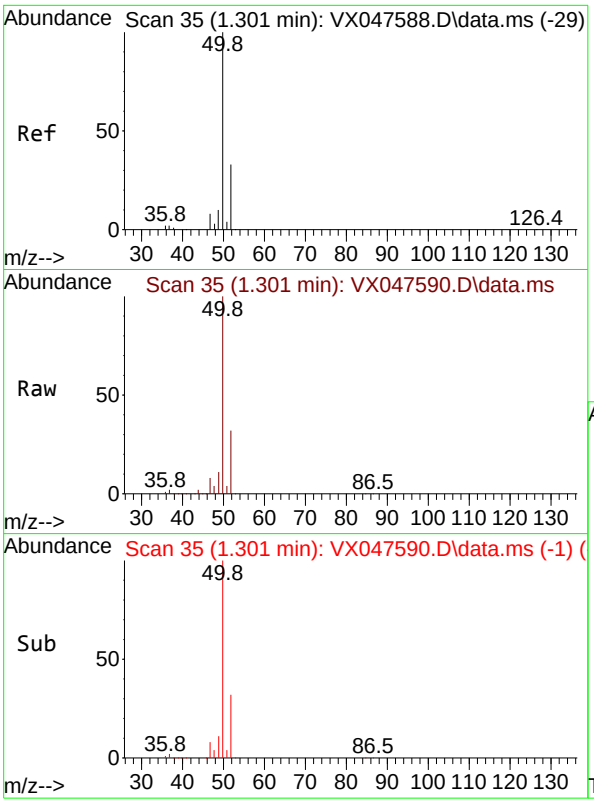


#2
Dichlorodifluoromethane
Concen: 142.586 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 85 Resp: 226166

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.8	47.3

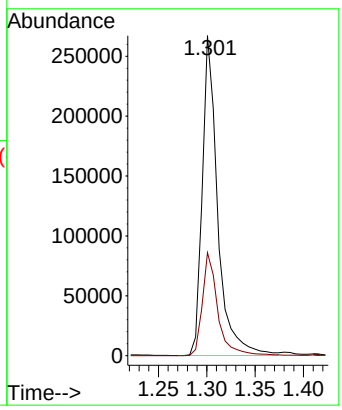




#3
Chloromethane
Concen: 142.593 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 50 Resp: 29725

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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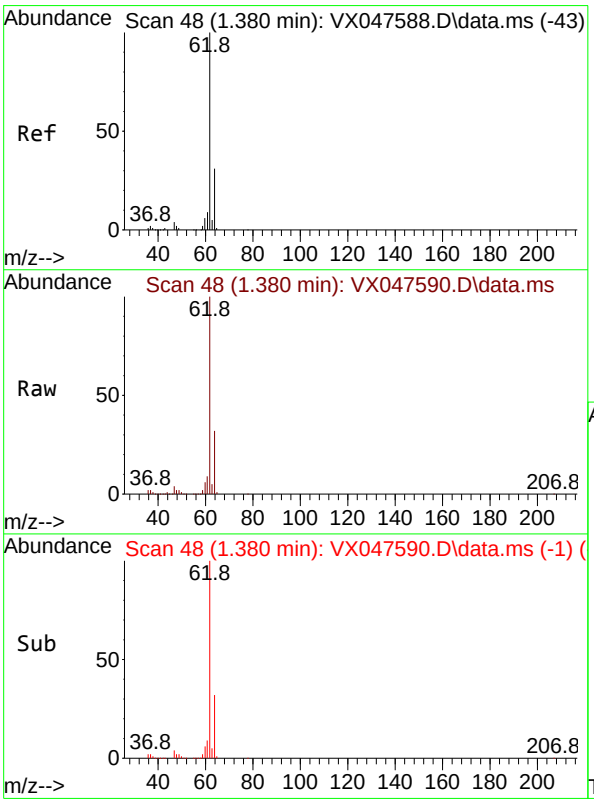
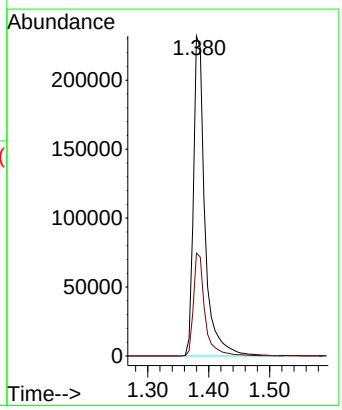
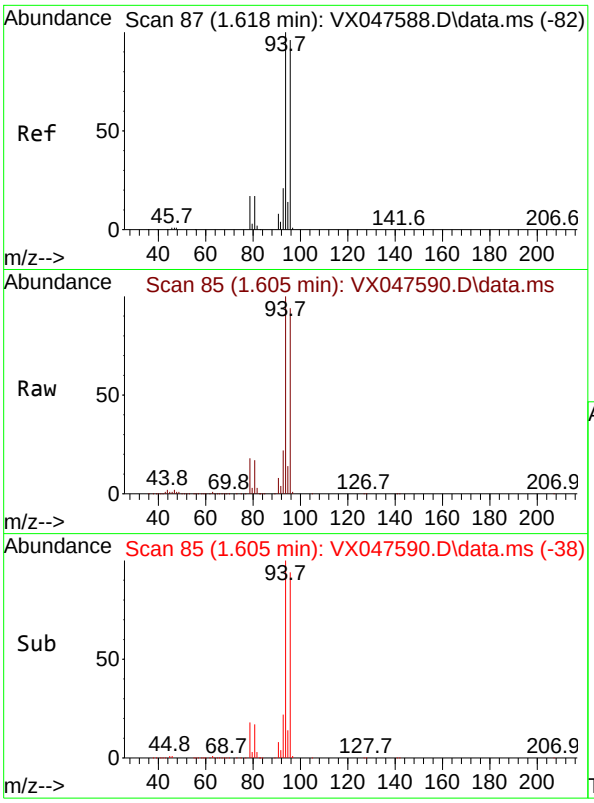


#4
Vinyl Chloride
Concen: 148.140 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 302303

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3

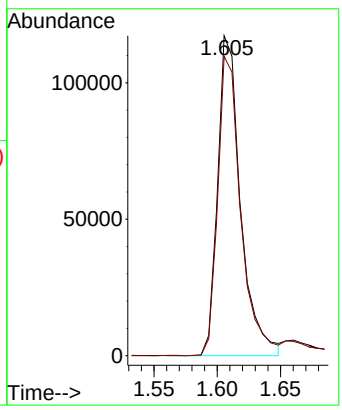




#5
Bromomethane
Concen: 114.019 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 94 Resp: 14754

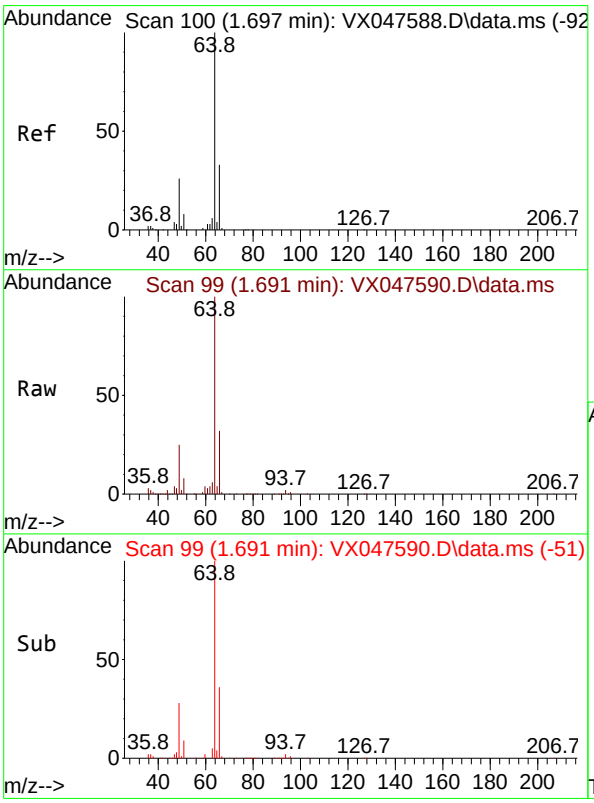
Ion	Ratio	Lower	Upper
94	100		
96	93.4	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

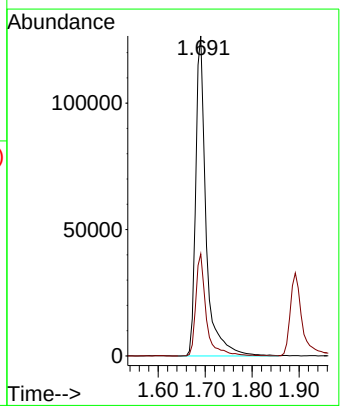
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

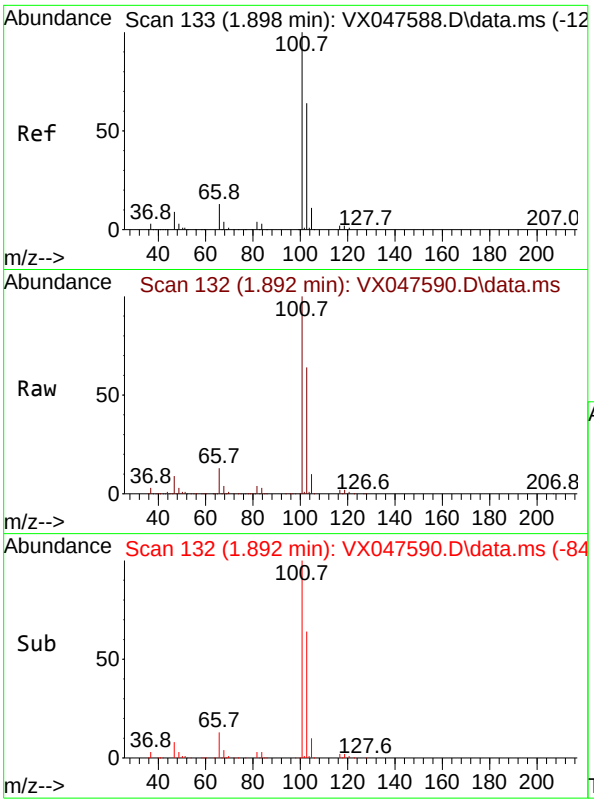


#6
Chloroethane
Concen: 143.652 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 64 Resp: 195927

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1





#7
Trichlorofluoromethane
Concen: 149.545 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

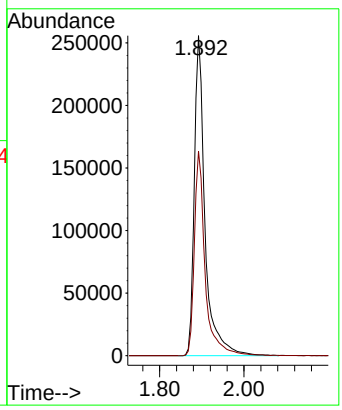
Tgt Ion:101 Resp: 45311

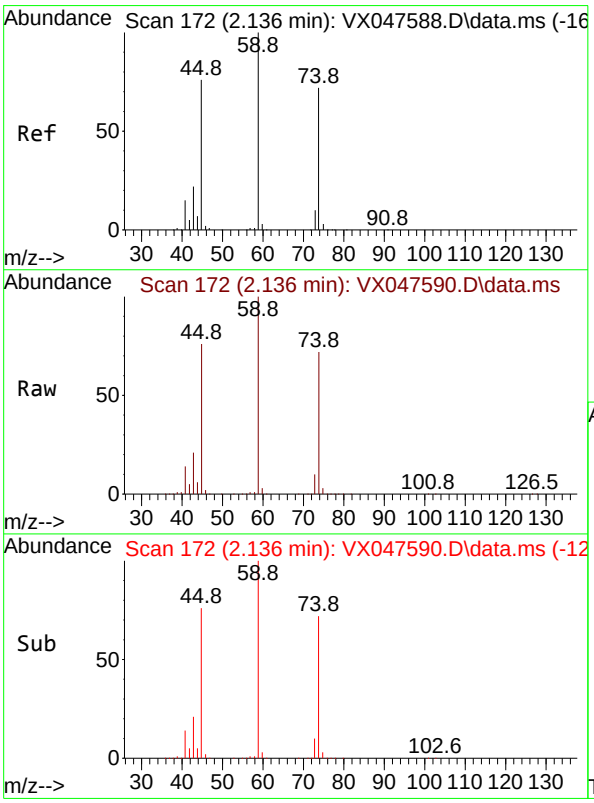
Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

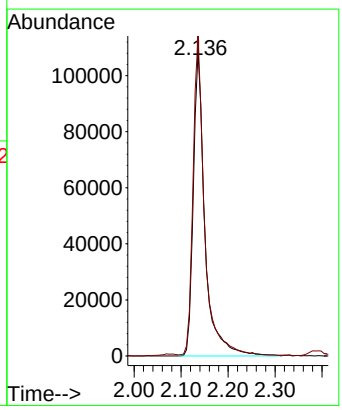


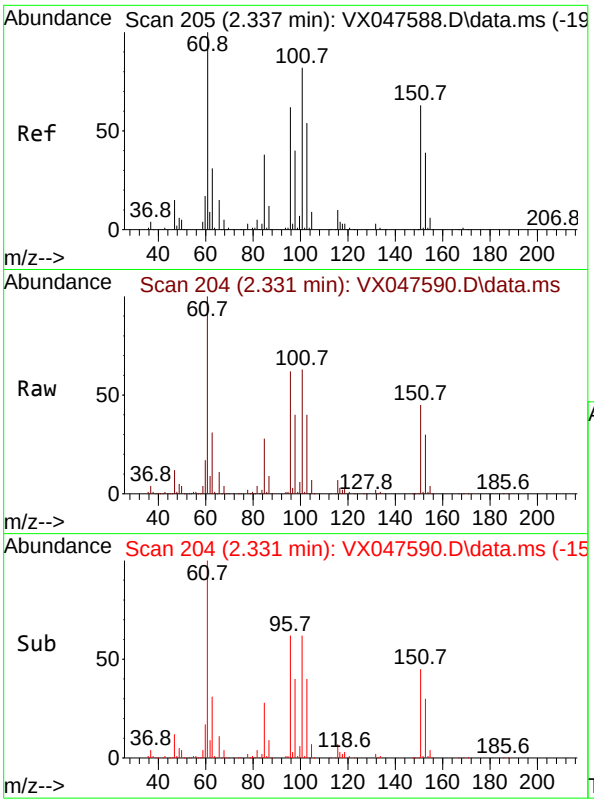


#8
Diethyl Ether
Concen: 151.684 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 74 Resp: 188006

Ion	Ratio	Lower	Upper
74	100		
45	105.5	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.264 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:101 Resp: 26799

Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.5	53.3
151	73.2	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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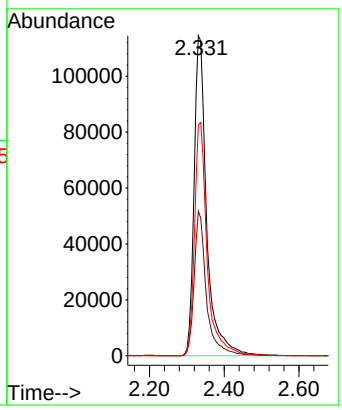
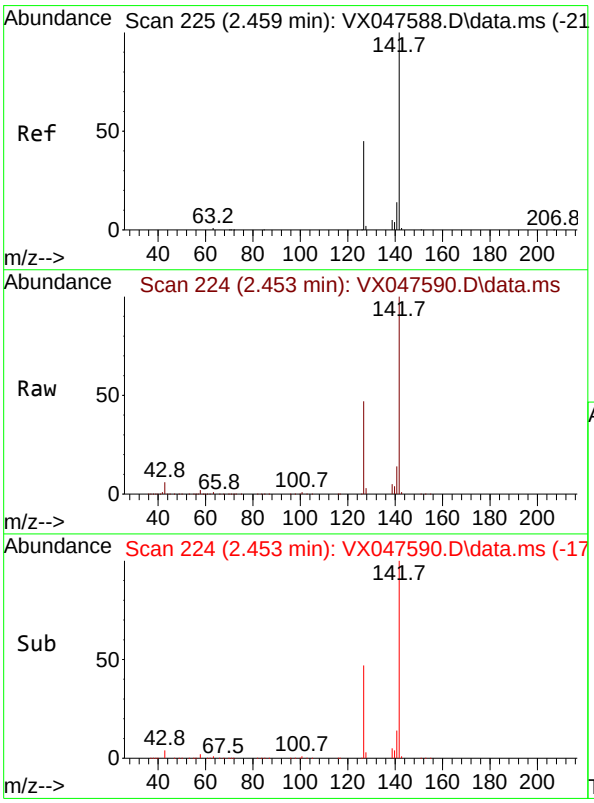
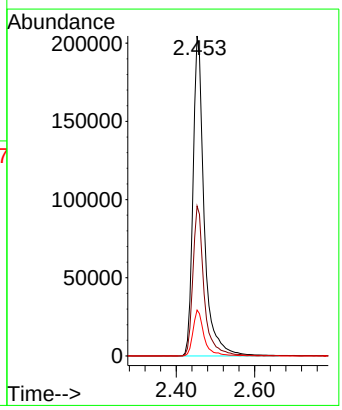


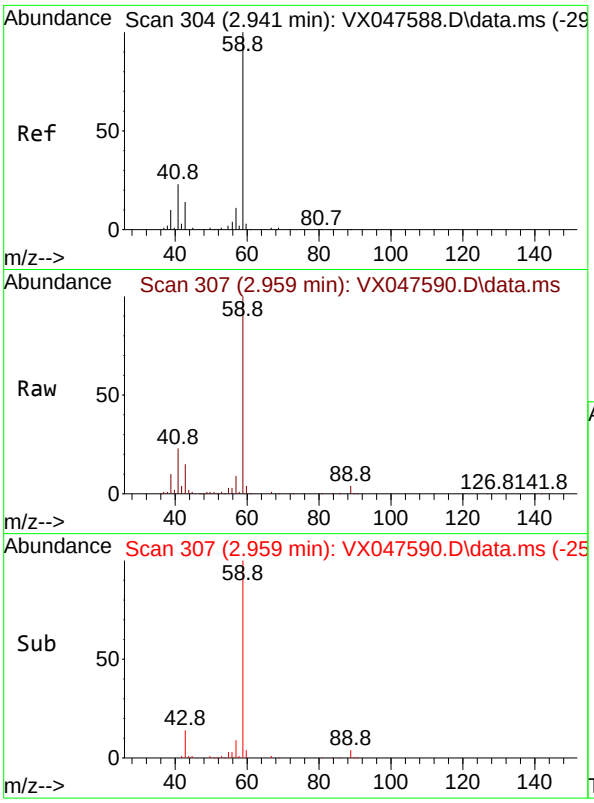


#10
Methyl Iodide
Concen: 147.384 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:142 Resp: 407242

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.2	55.8
141	14.3	11.4	17.0

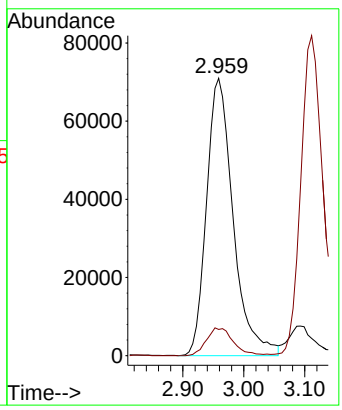




#11
Tert butyl alcohol
Concen: 795.166 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 59 Resp: 21592

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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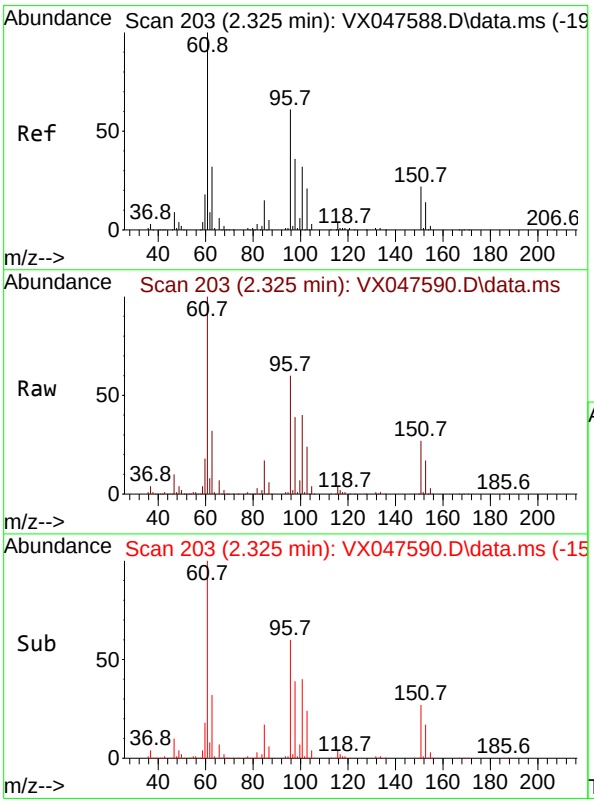
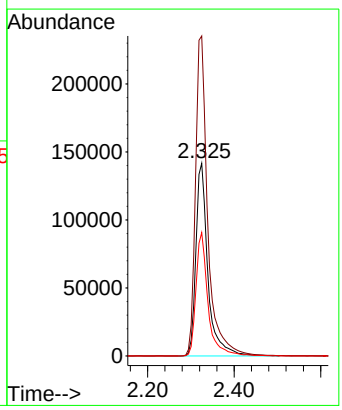
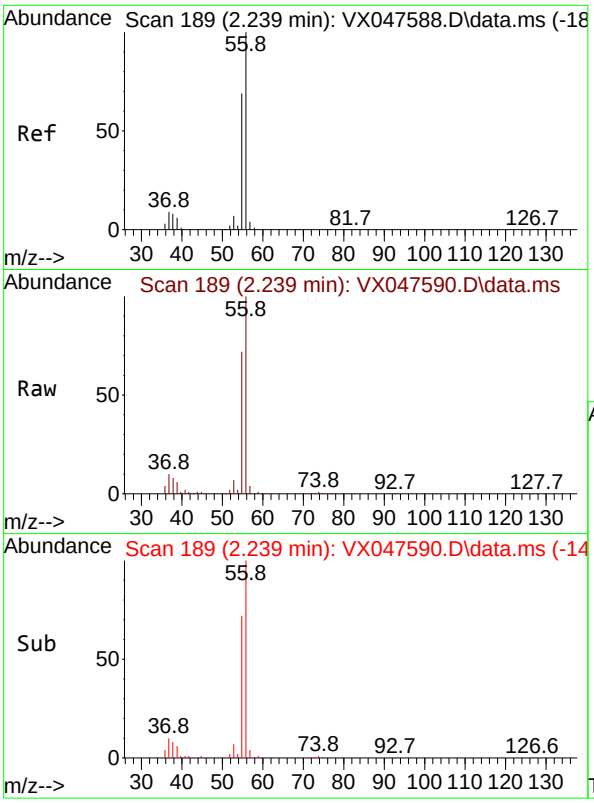


#12
1,1-Dichloroethene
Concen: 150.388 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 96 Resp: 273692

Ion	Ratio	Lower	Upper
96	100		
61	166.1	131.0	196.6
98	64.0	47.7	71.5

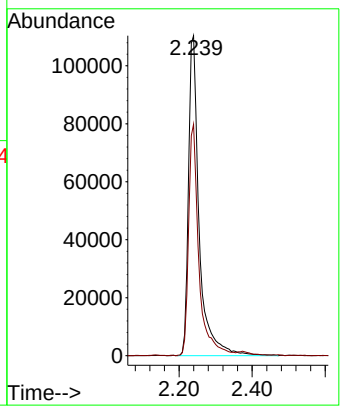




#13
Acrolein
Concen: 894.203 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 56 Resp: 22376

Ion	Ratio	Lower	Upper
56	100		
55	69.6	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

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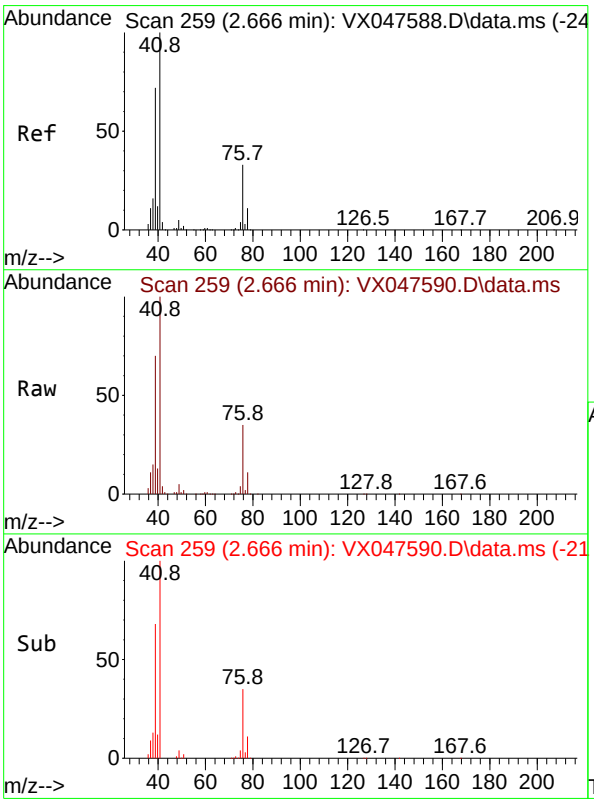
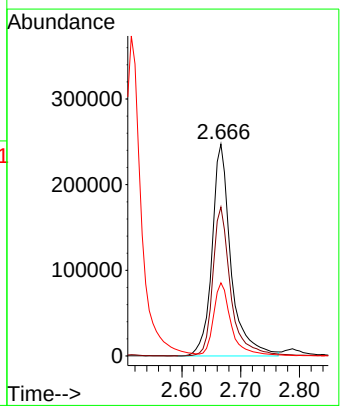
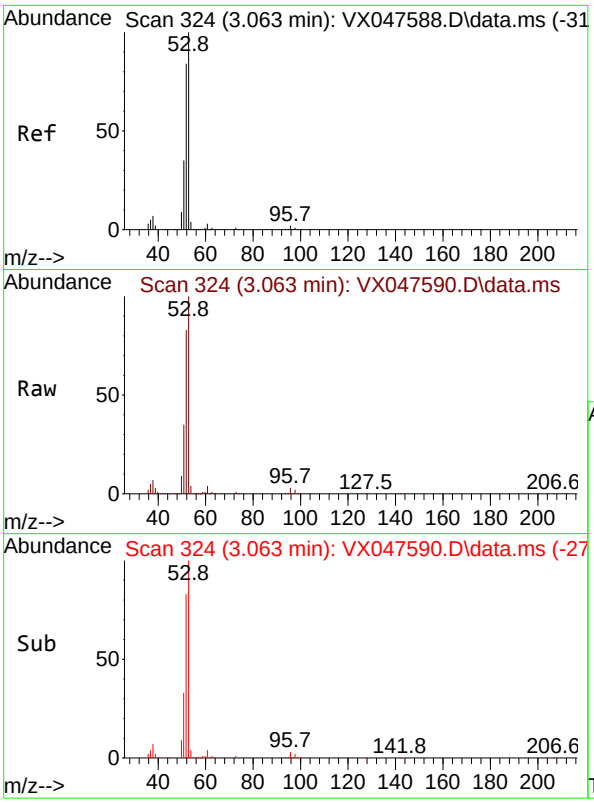


#14
Allyl chloride
Concen: 147.727 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 554779

Ion	Ratio	Lower	Upper
41	100		
39	67.3	54.7	82.1
76	32.4	25.7	38.5

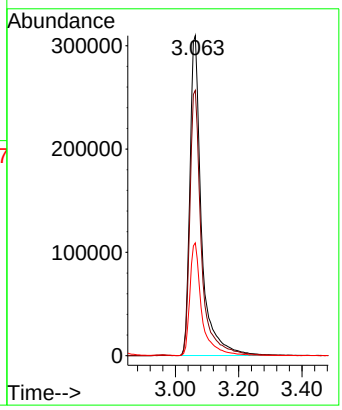




#15
Acrylonitrile
Concen: 786.201 ug/l
RT: 3.063 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 53 Resp: 79079

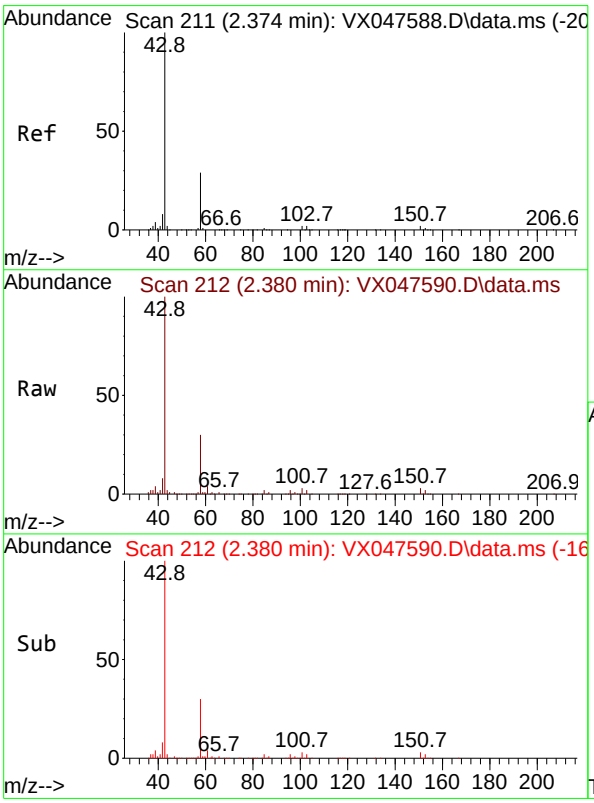
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.1	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

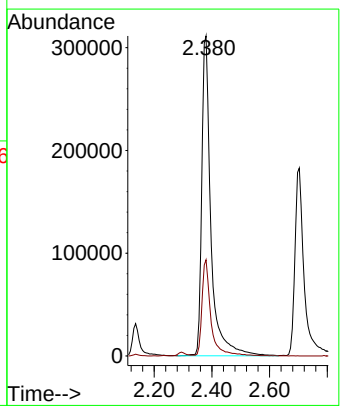
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

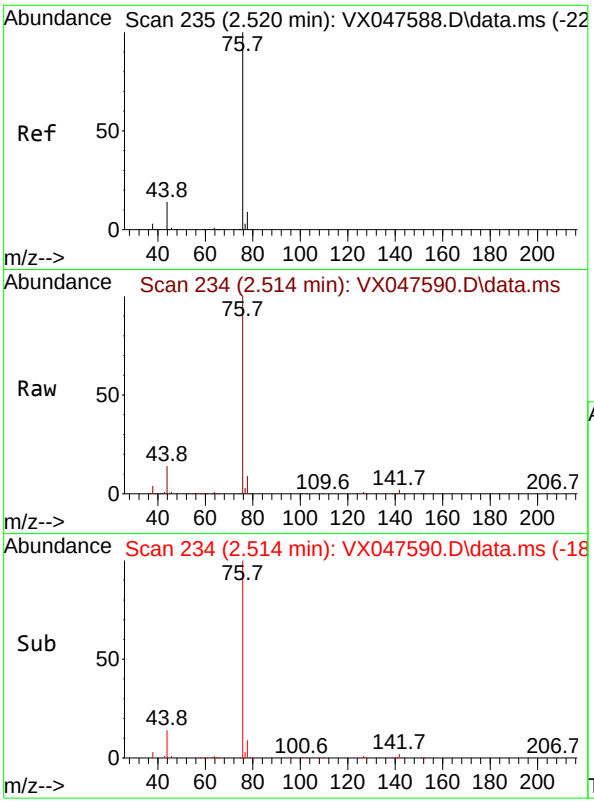


#16
Acetone
Concen: 647.201 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 686119

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0

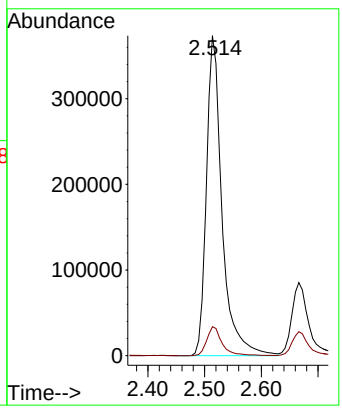




#17
Carbon Disulfide
Concen: 143.412 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 76 Resp: 71450

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
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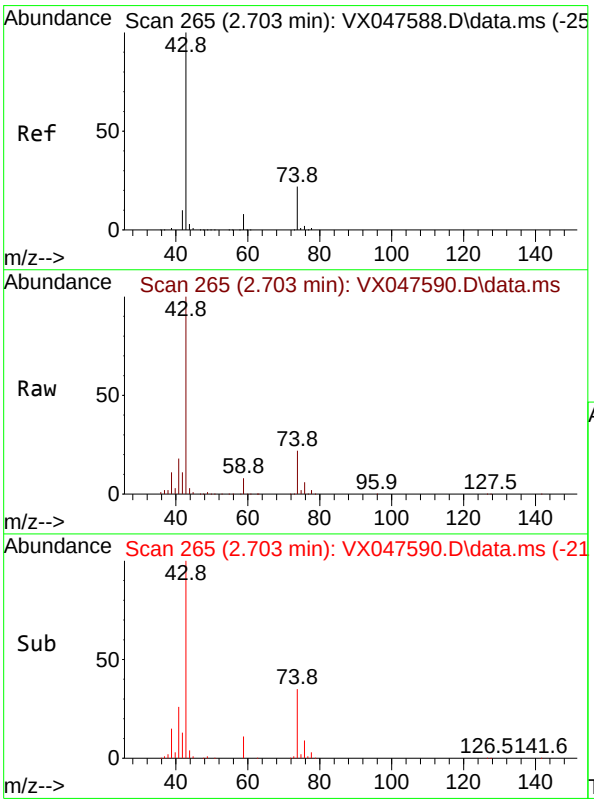
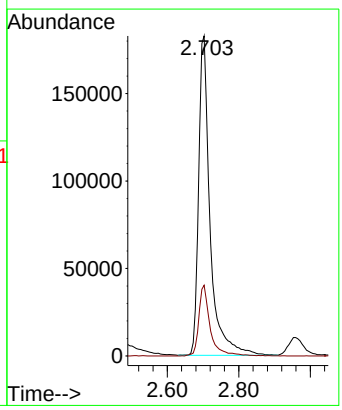
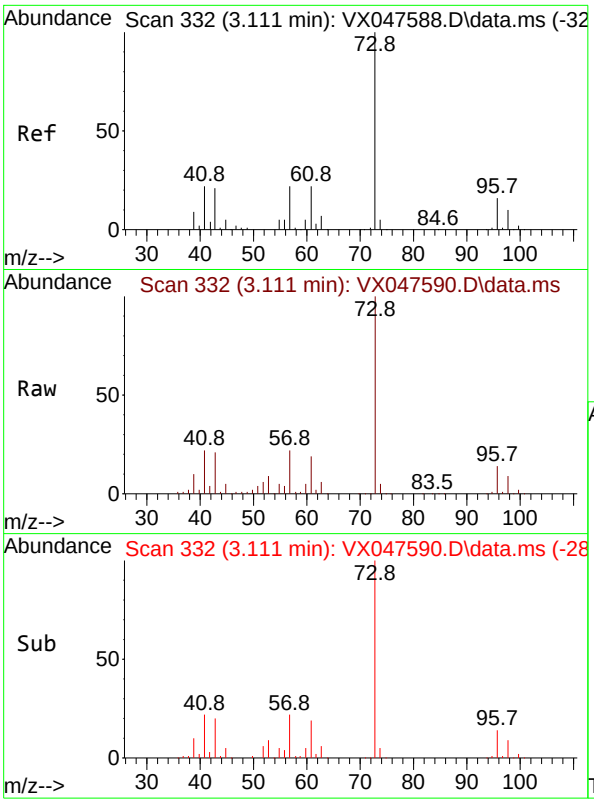


#18
Methyl Acetate
Concen: 171.548 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 404736

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2





#19
Methyl tert-butyl Ether
Concen: 152.826 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 73 Resp: 101529

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.2

Instrument :
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VSTDICC150

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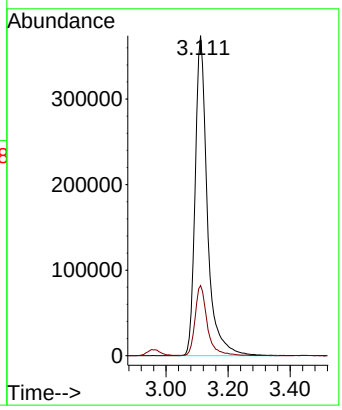
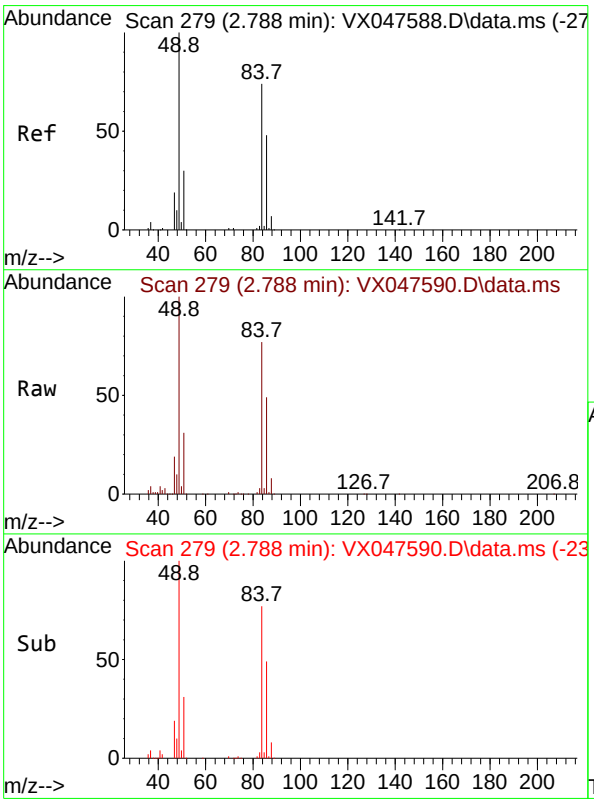
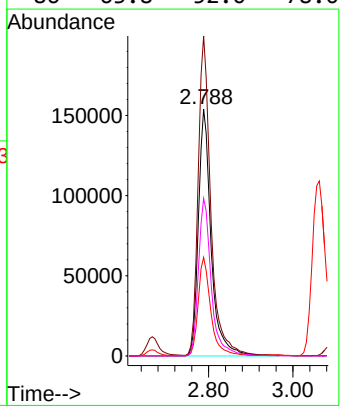


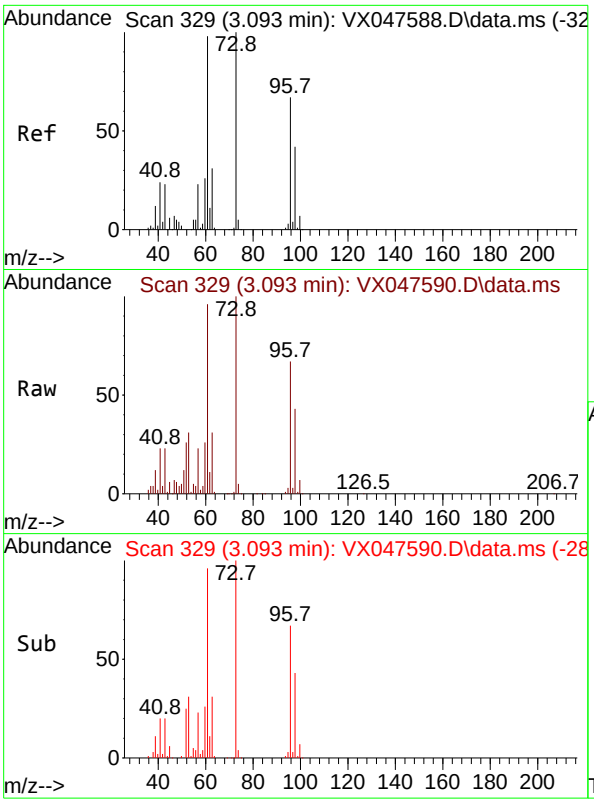


#20
Methylene Chloride
Concen: 144.398 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 84 Resp: 324032

Ion	Ratio	Lower	Upper
84	100		
49	129.4	108.6	162.8
51	39.9	32.6	48.8
86	63.8	52.0	78.0

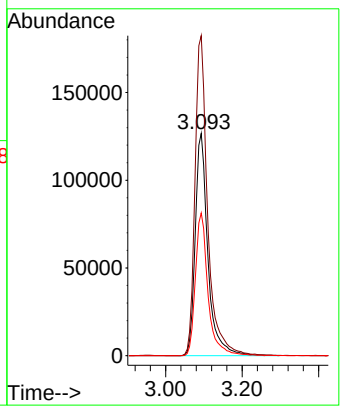




#21
trans-1,2-Dichloroethene
Concen: 148.833 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 96 Resp: 29161

Ion	Ratio	Lower	Upper
96	100		
61	144.0	116.2	174.2
98	64.3	49.3	73.9



Instrument :
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VSTDICC150

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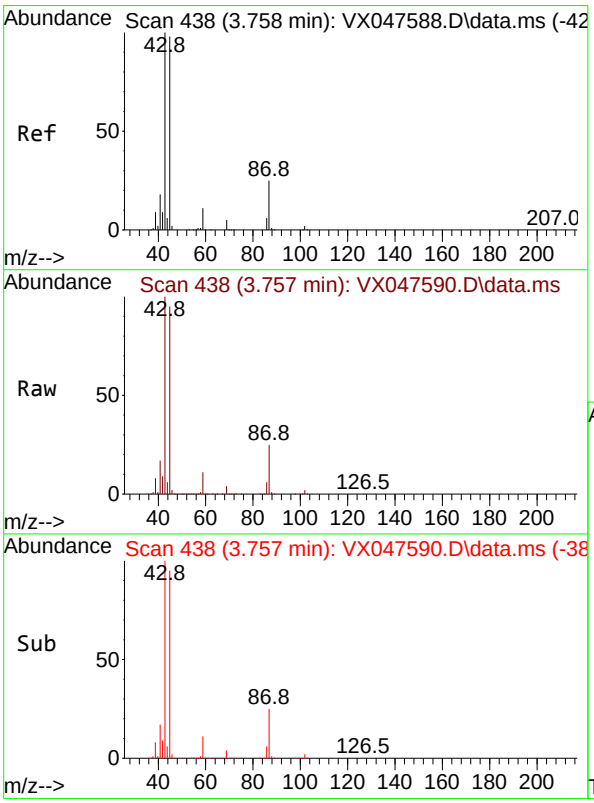
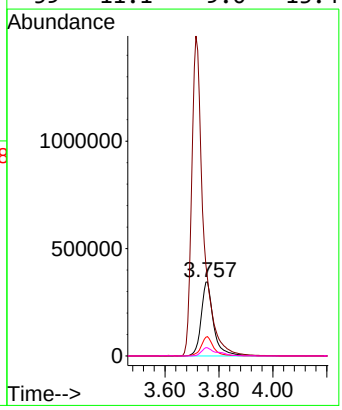
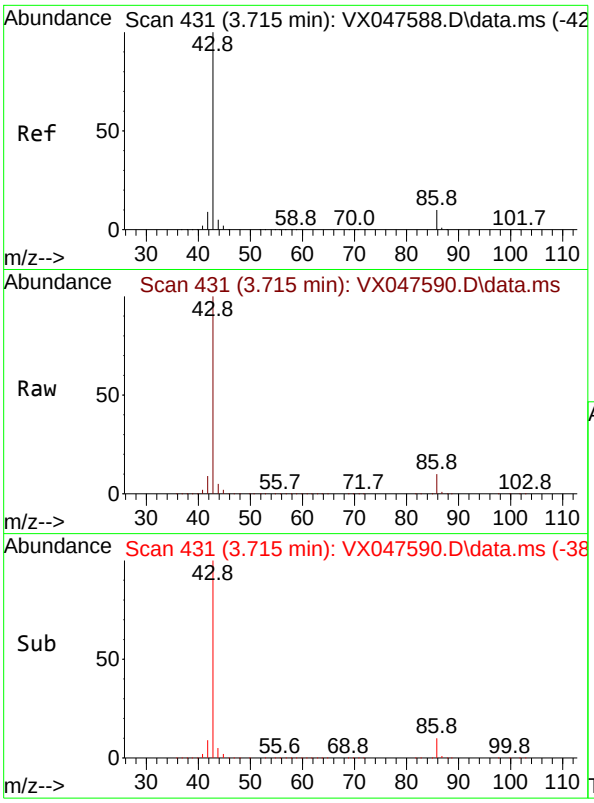


#22
Diisopropyl ether
Concen: 150.551 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 45 Resp: 1095726

Ion	Ratio	Lower	Upper
45	100		
43	104.7	81.0	121.4
87	26.2	20.3	30.5
59	11.1	9.0	13.4





#23
Vinyl Acetate
Concen: 773.364 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 450484

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

Instrument :
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ClientSampleId :
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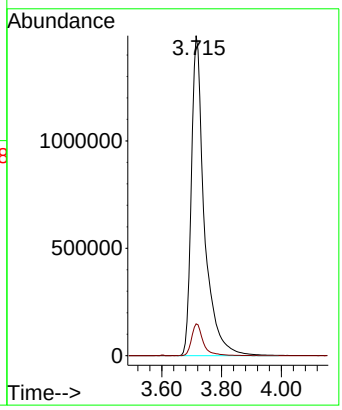
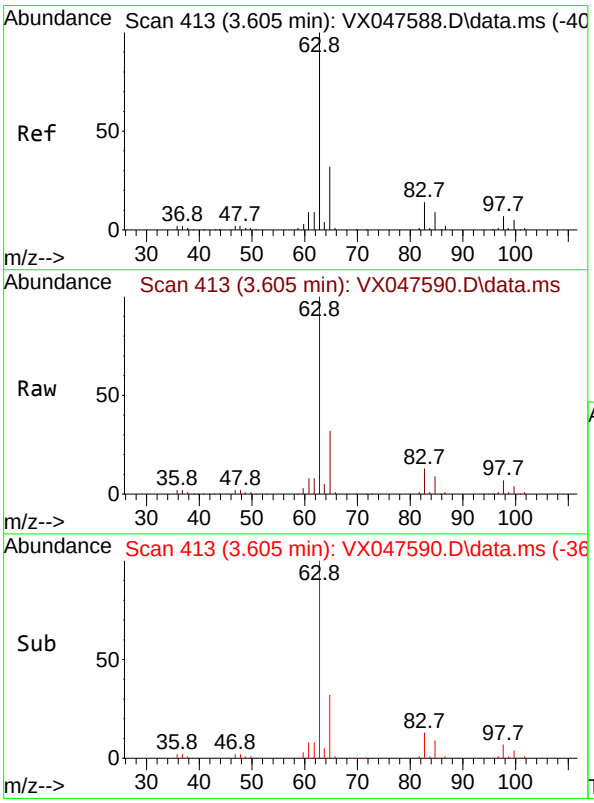
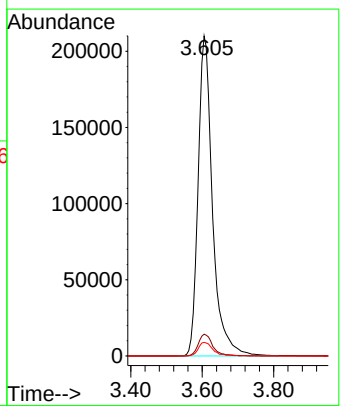


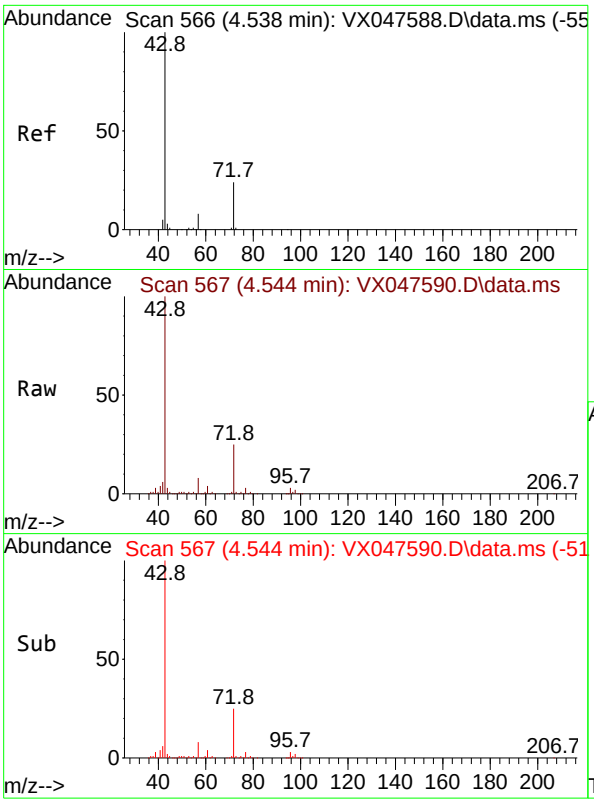


#24
1,1-Dichloroethane
Concen: 151.776 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 587129

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.3	2.3	6.9





#25
2-Butanone
Concen: 736.502 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 97393

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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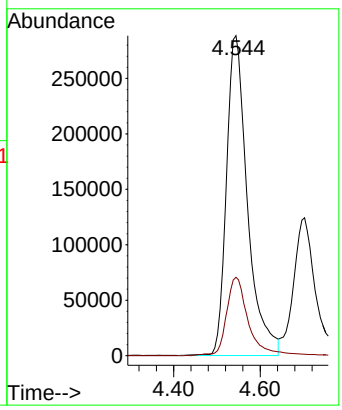
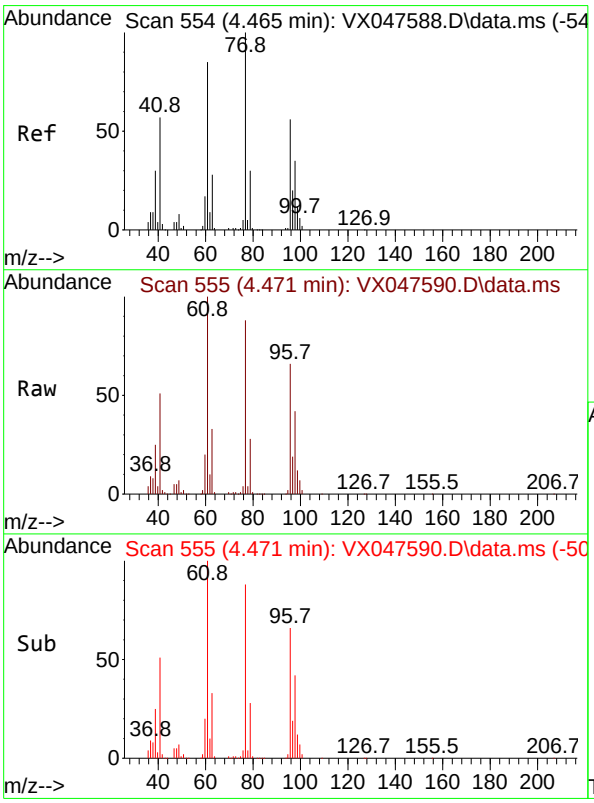
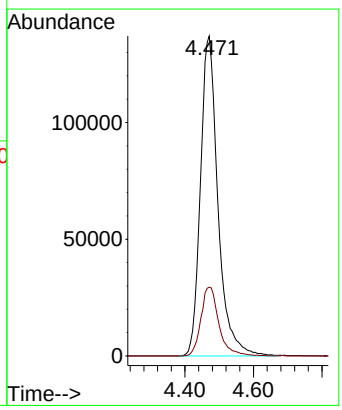


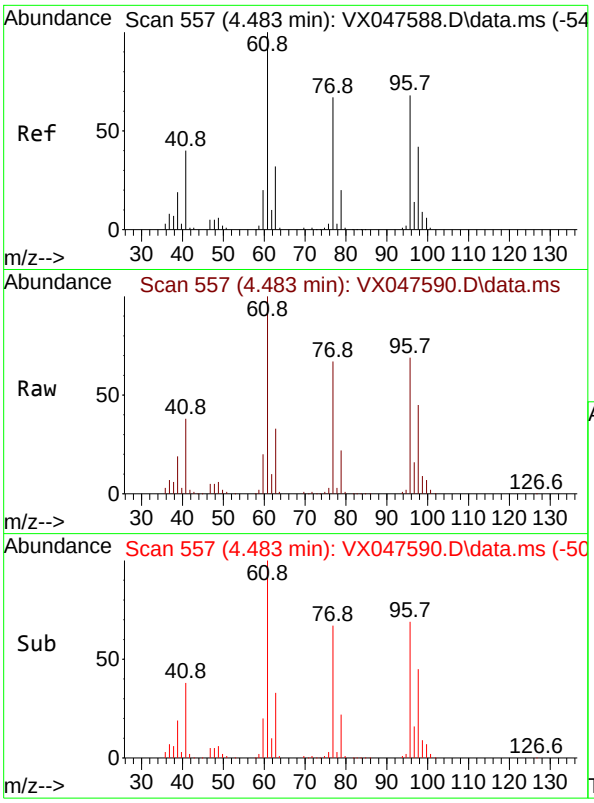


#26
2,2-Dichloropropane
Concen: 151.414 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 77 Resp: 486890

Ion	Ratio	Lower	Upper
77	100		
97	22.1	10.9	32.7





#27
cis-1,2-Dichloroethene
Concen: 152.638 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 96 Resp: 36626

Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	303.2
98	64.6	0.0	127.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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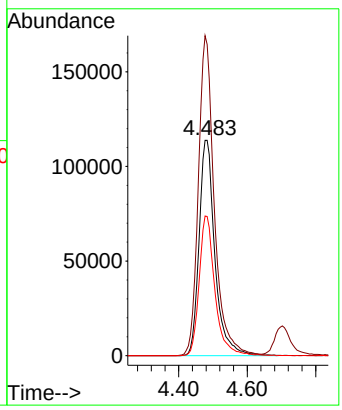
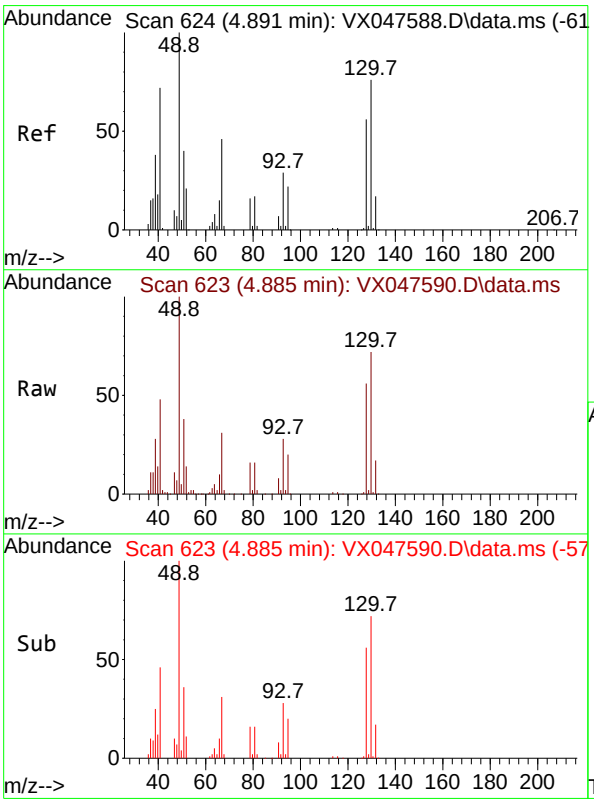
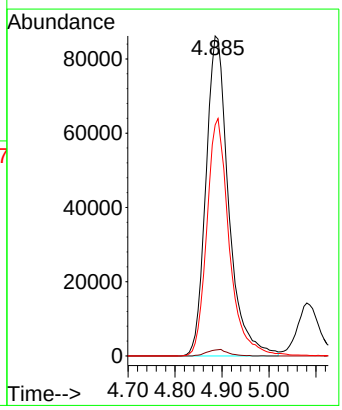


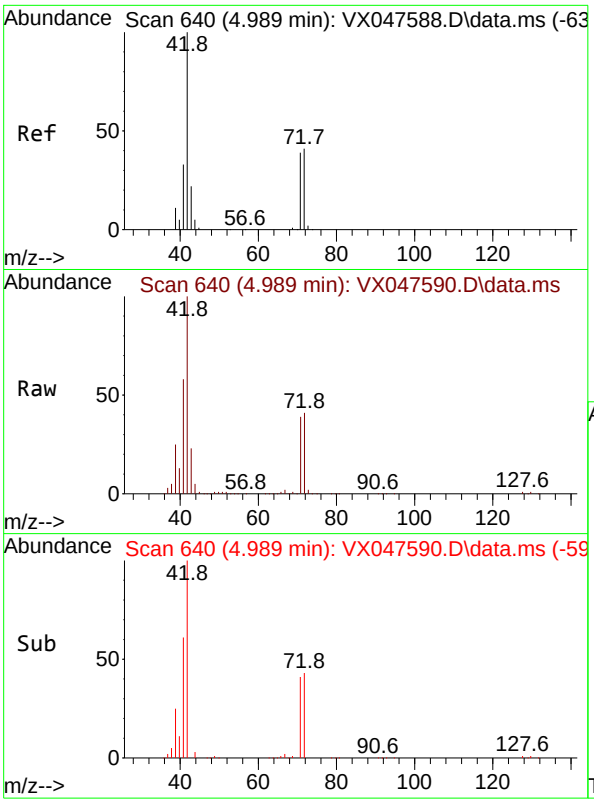


#28
Bromochloromethane
Concen: 171.451 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 49 Resp: 289548

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	73.2	57.8	86.8





#29
Tetrahydrofuran
Concen: 774.811 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 42 Resp: 616374

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.2
71	39.9	31.9	47.9

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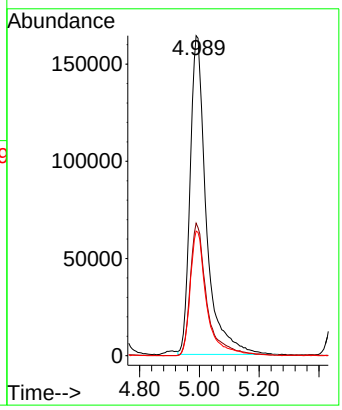
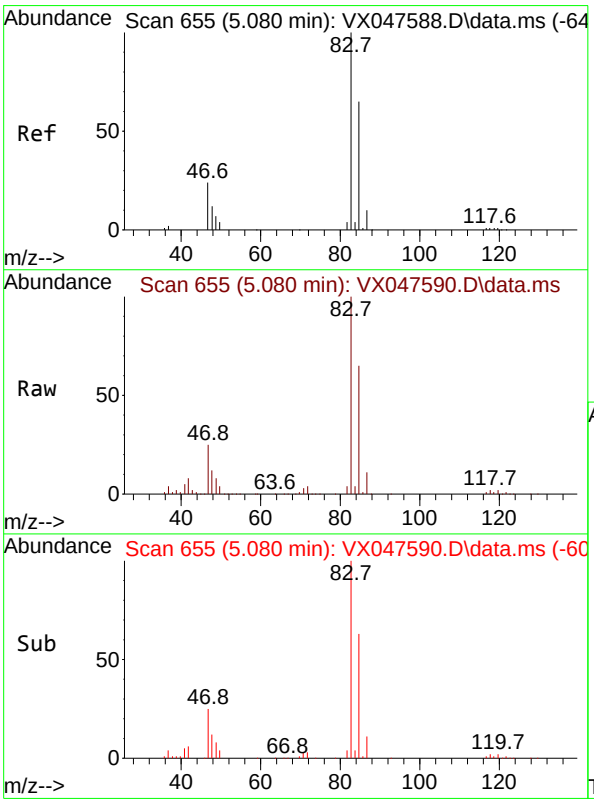
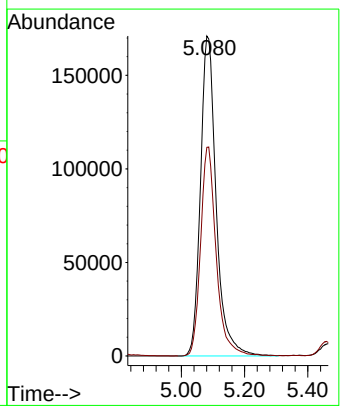


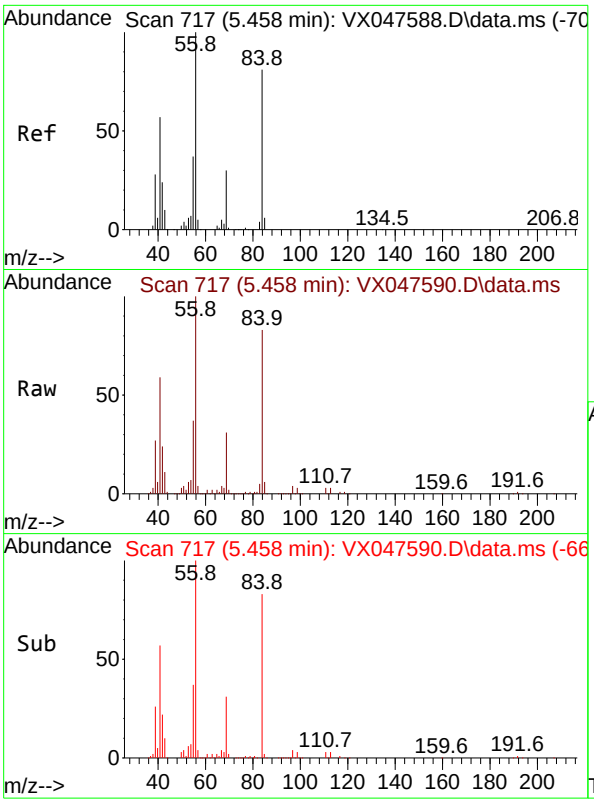


#30
Chloroform
Concen: 151.367 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 591709

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.6

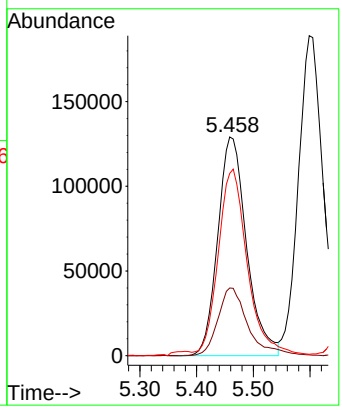




#31
Cyclohexane
Concen: 141.570 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 56 Resp: 45611

Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.8	35.8
84	81.5	64.6	97.0



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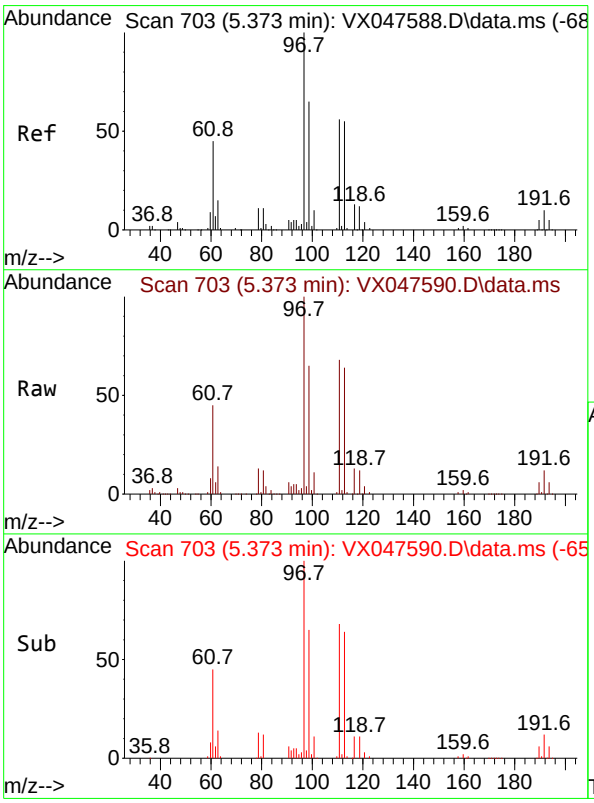
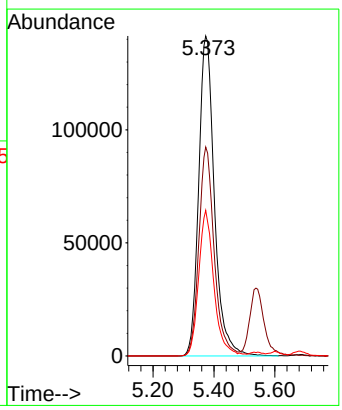
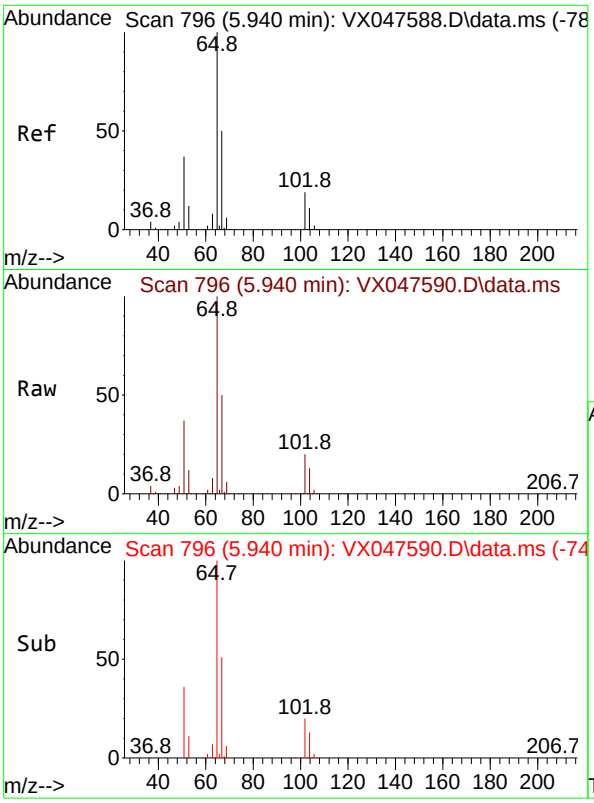


#32
1,1,1-Trichloroethane
Concen: 152.802 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 97 Resp: 506654

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.6	76.0
61	44.2	35.8	53.8





#33
1,2-Dichloroethane-d4
Concen: 162.673 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 65 Resp: 39662

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0

Instrument :
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ClientSampleId :
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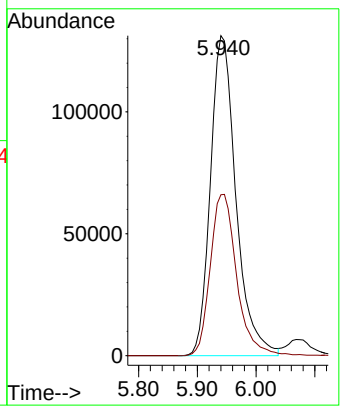
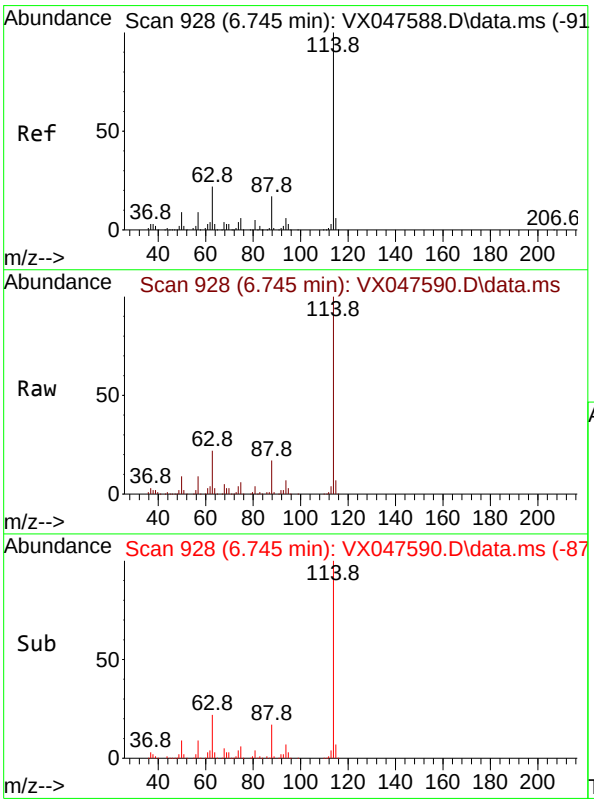
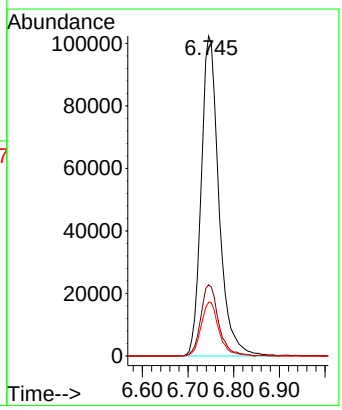


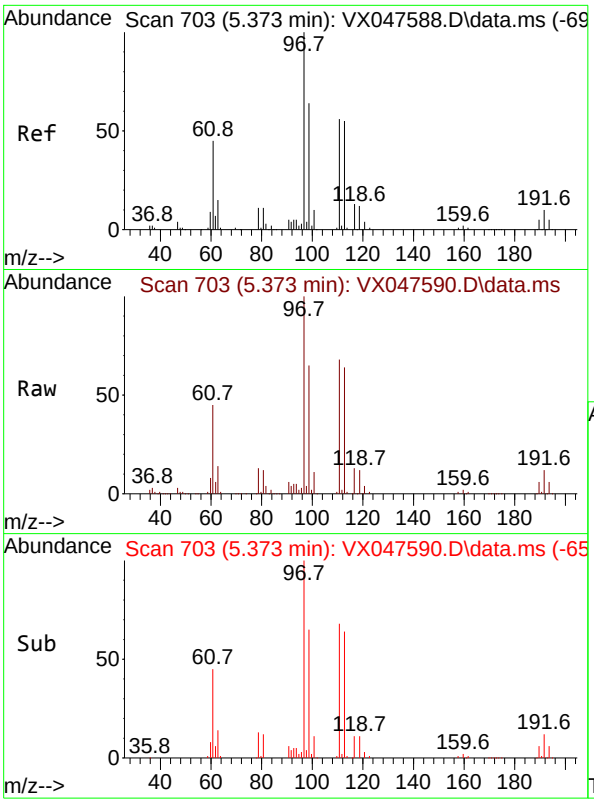


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:114 Resp: 274804

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2

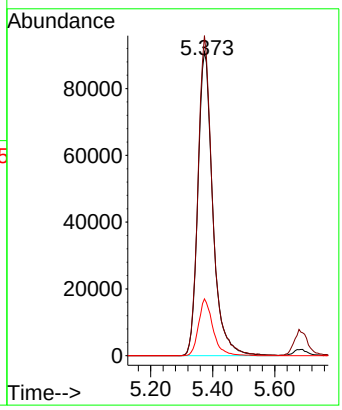




#35
Dibromofluoromethane
Concen: 164.802 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:113 Resp: 30372

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.9	121.3
192	18.1	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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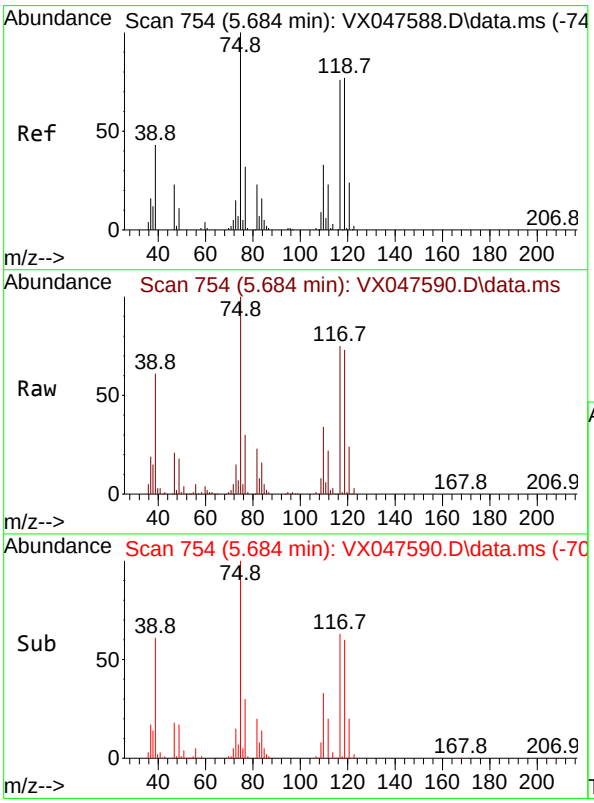
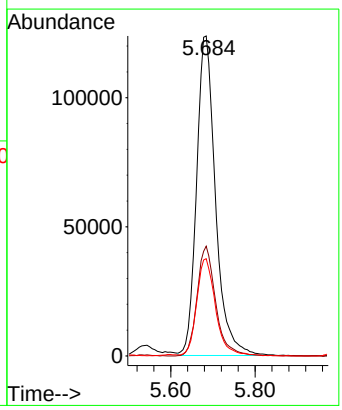
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

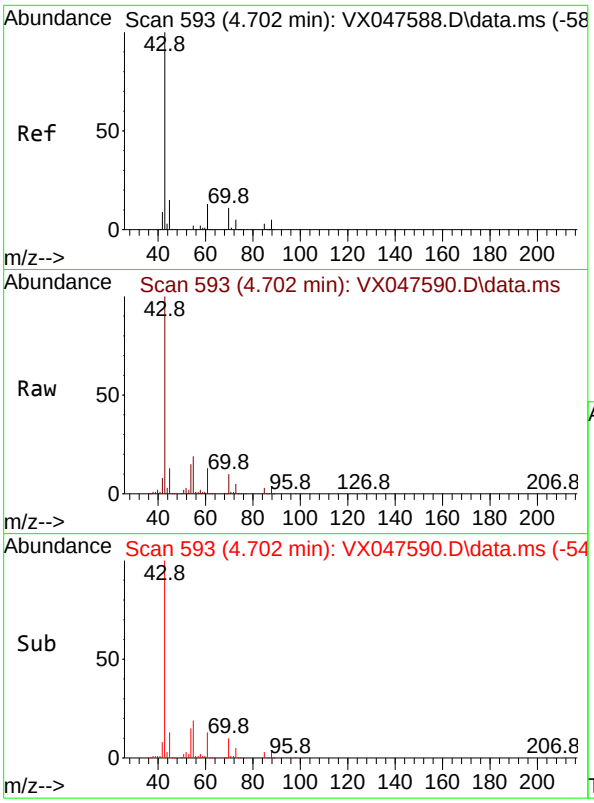


#36
1,1-Dichloropropene
Concen: 143.556 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 386601

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	30.6	24.3	36.5





#37
Ethyl Acetate
Concen: 154.141 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 44446

Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.8	14.8
70	9.5	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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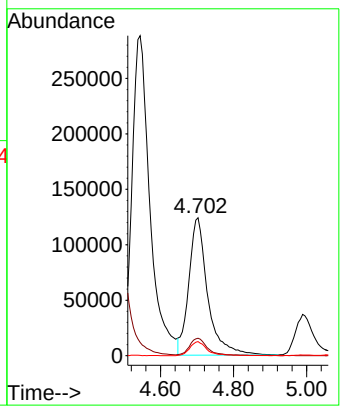
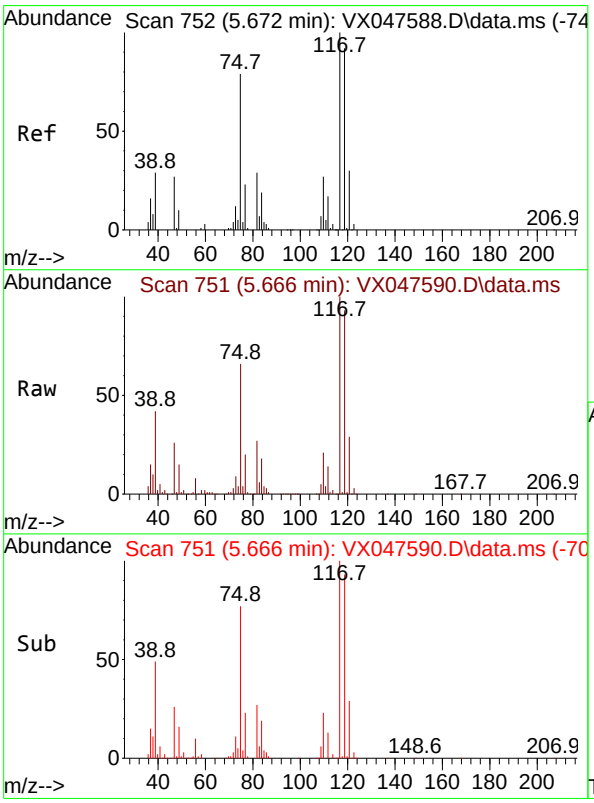
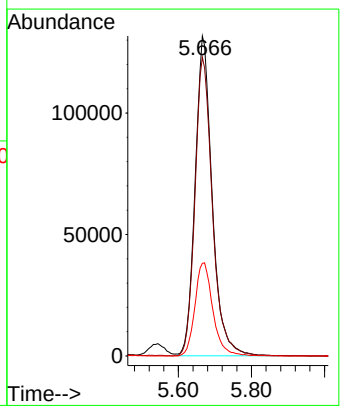


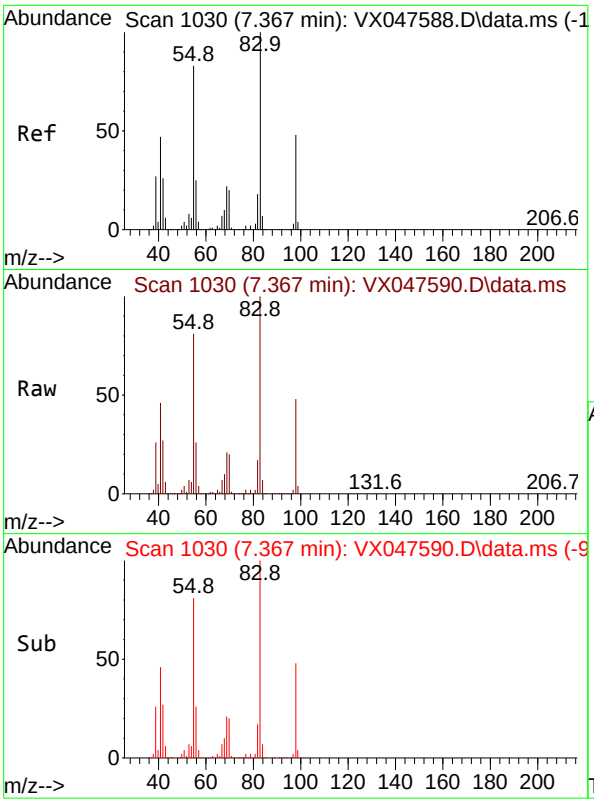


#38
Carbon Tetrachloride
Concen: 146.021 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 427263

Ion	Ratio	Lower	Upper
117	100		
119	93.3	73.4	110.2
121	29.0	23.8	35.6





#39
Methylcyclohexane
Concen: 149.395 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 45669

Ion	Ratio	Lower	Upper
83	100		
55	80.7	66.4	99.6
98	48.3	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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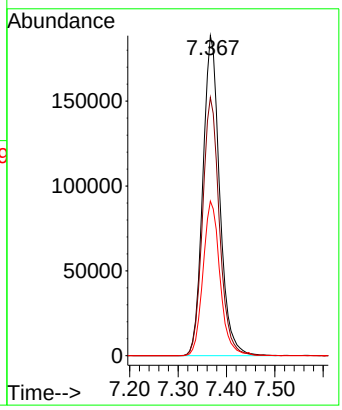
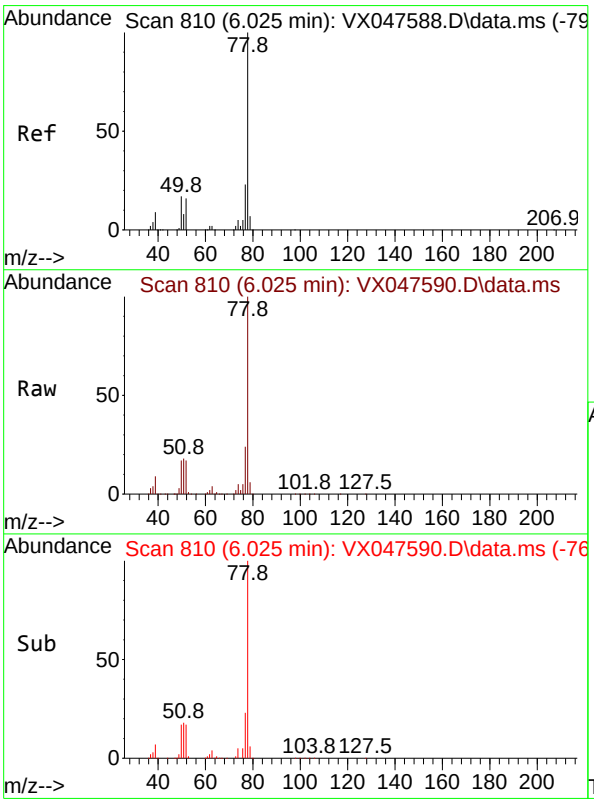
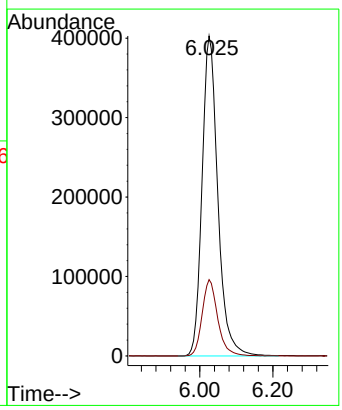


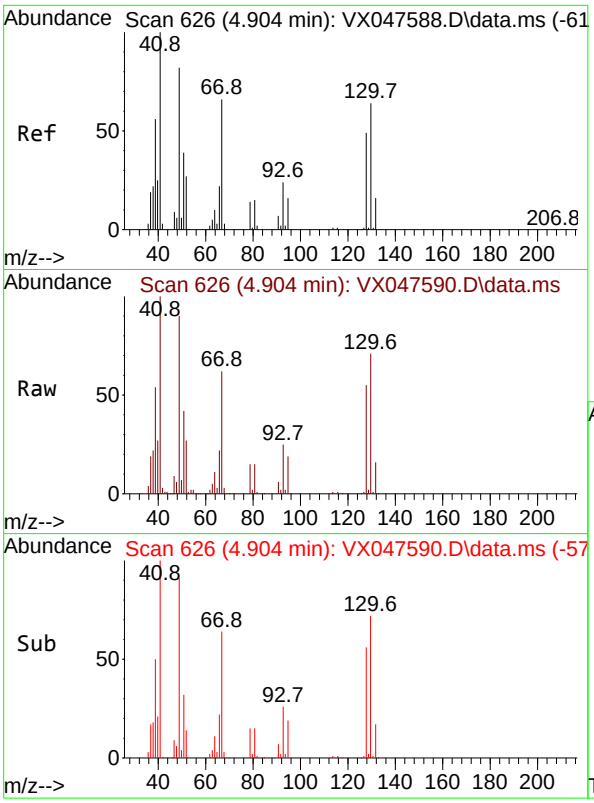


#40
Benzene
Concen: 147.057 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 78 Resp: 1202846

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2

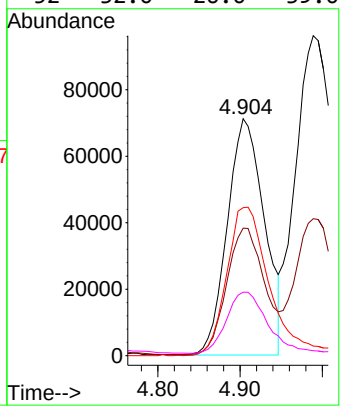




#41
Methacrylonitrile
Concen: 149.951 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 22321

Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.3	64.9
67	74.6	58.6	87.8
52	32.0	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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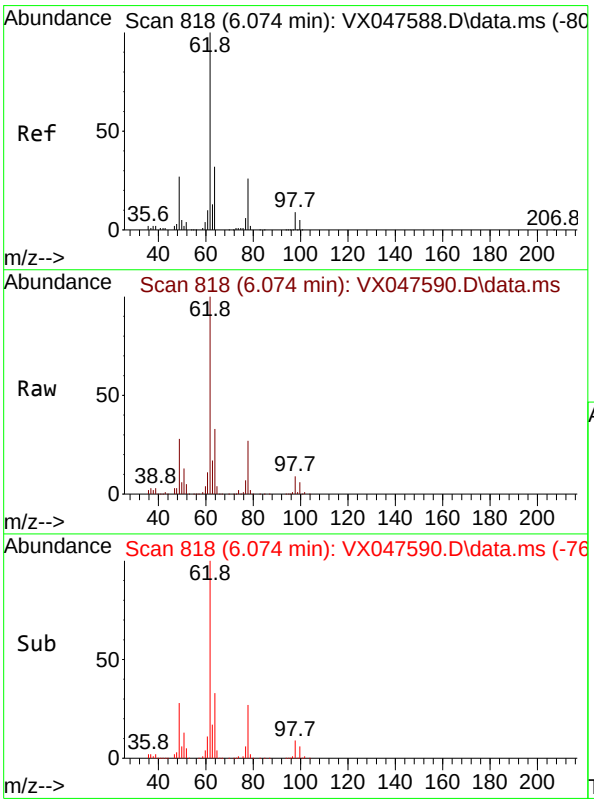
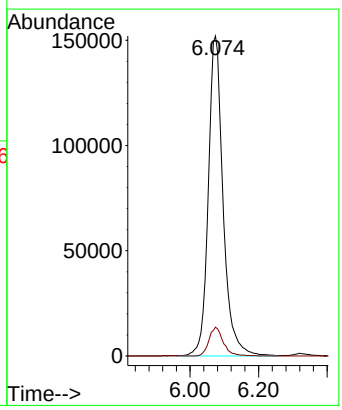
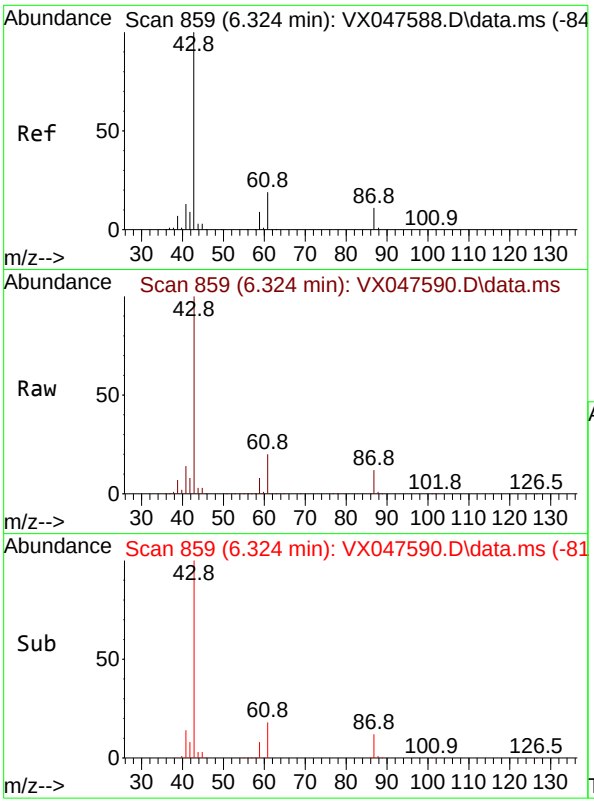


#42
1,2-Dichloroethane
Concen: 146.515 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 455978

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

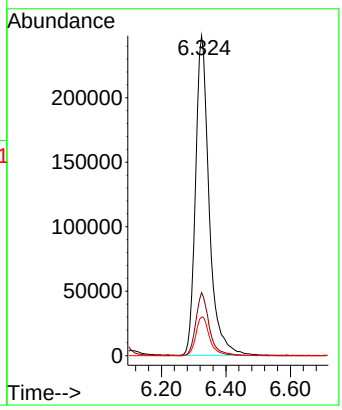




#43
Isopropyl Acetate
Concen: 153.283 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 72488

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.2	22.8
87	12.3	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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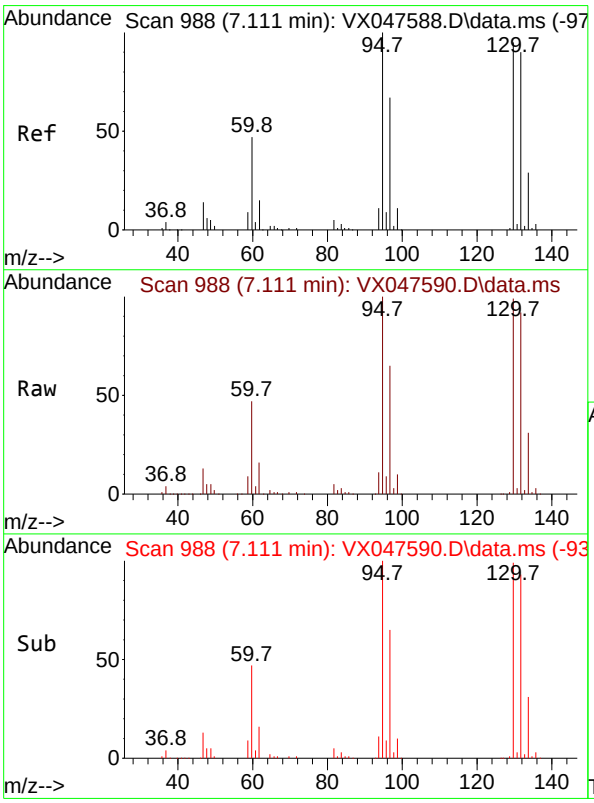
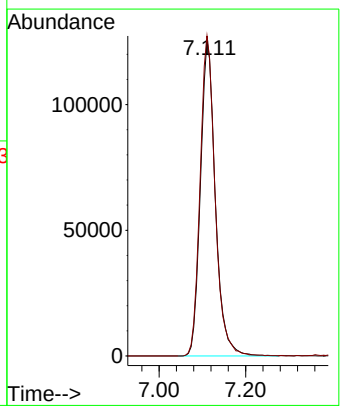
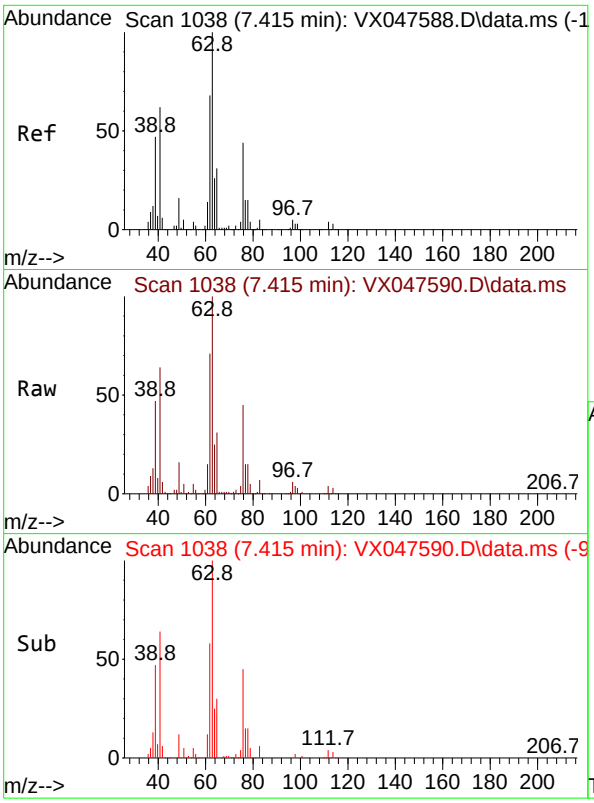


#44
Trichloroethene
Concen: 151.542 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:130 Resp: 299673

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	210.8





#45
1,2-Dichloropropane
Concen: 151.219 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 31672

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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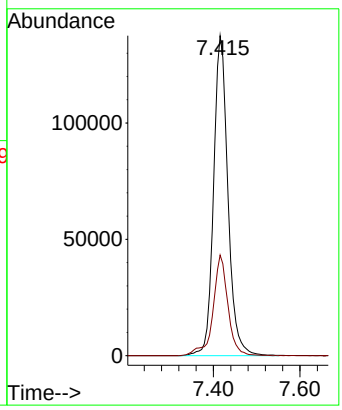
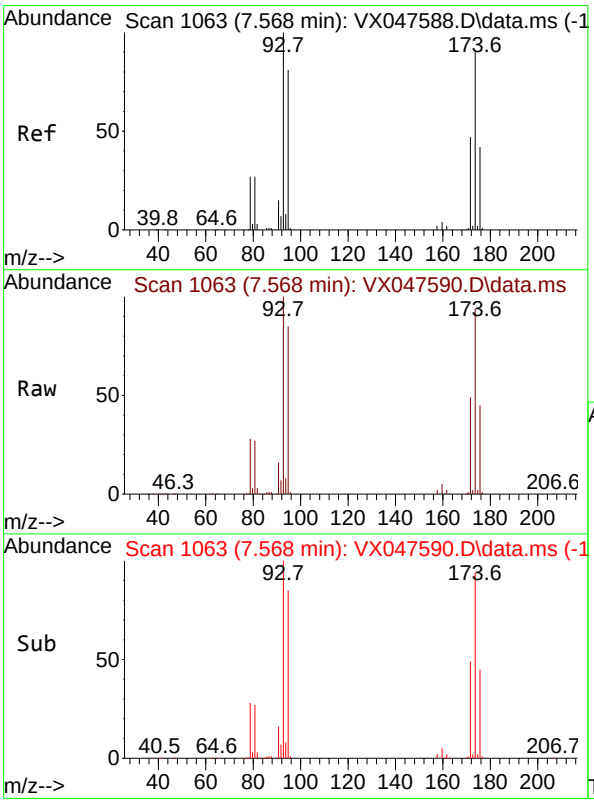
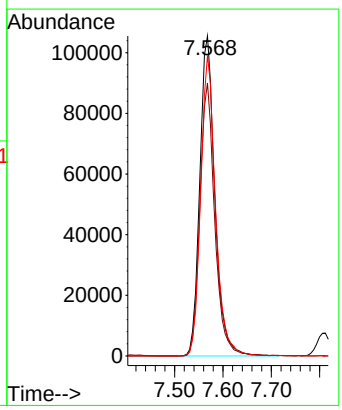


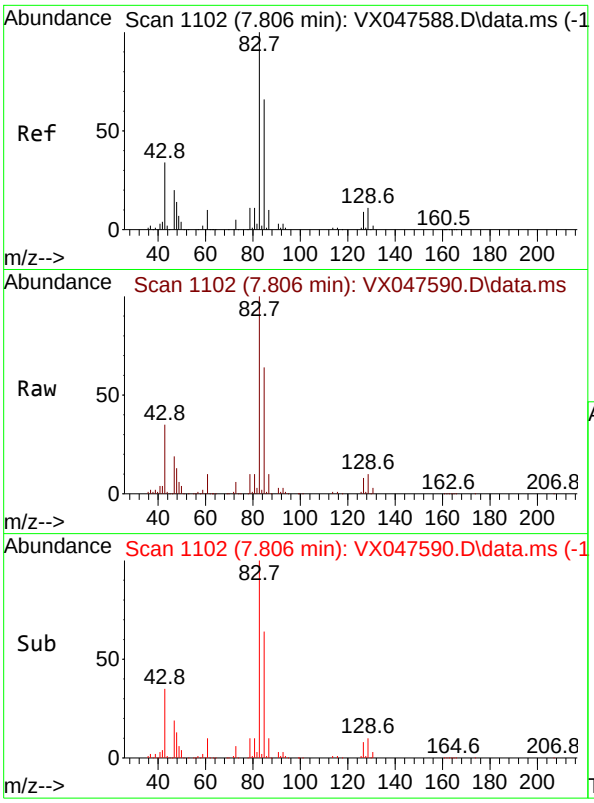


#46
Dibromomethane
Concen: 149.954 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 93 Resp: 228550

Ion	Ratio	Lower	Upper
93	100		
95	84.2	65.0	97.6
174	92.5	71.6	107.4

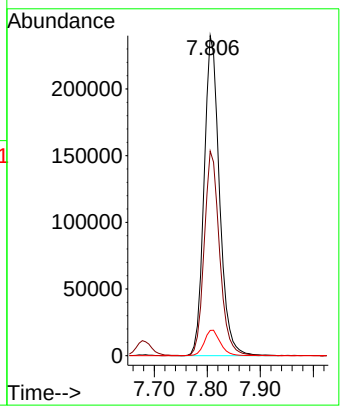




#47
Bromodichloromethane
Concen: 153.710 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 48343

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.5	78.7
127	7.9	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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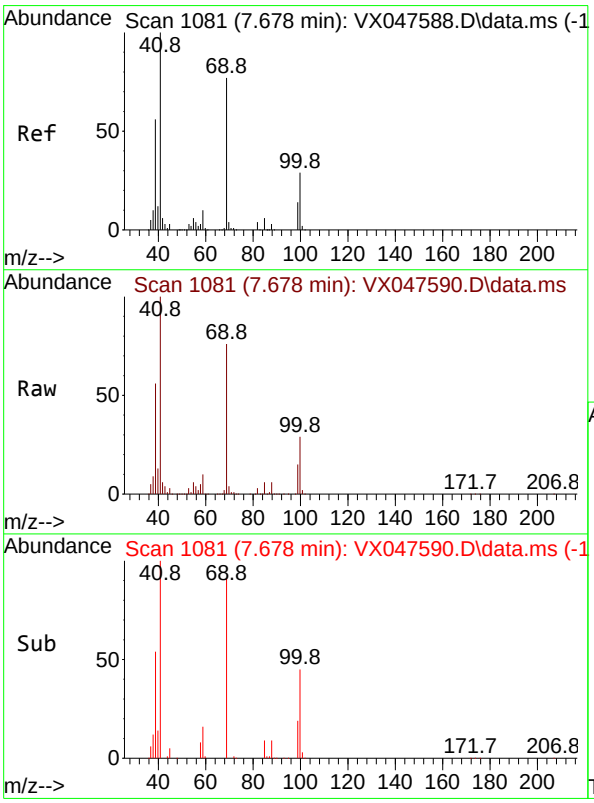
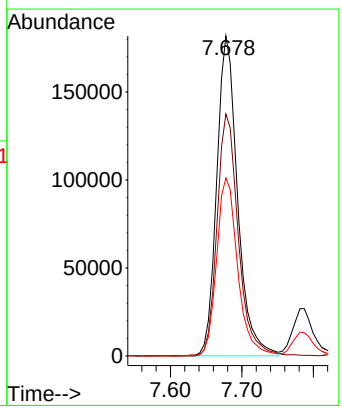
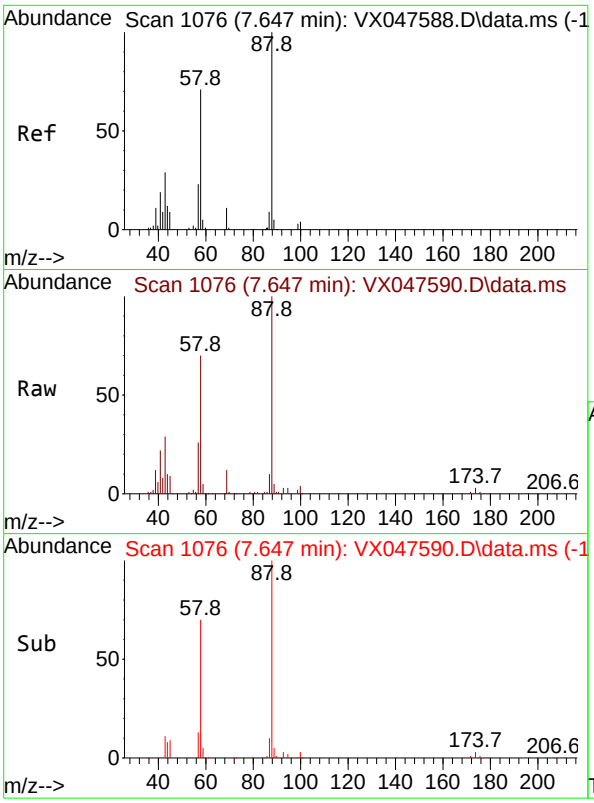


#48
Methyl methacrylate
Concen: 156.194 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 367931

Ion	Ratio	Lower	Upper
41	100		
69	77.2	61.4	92.2
39	56.5	45.8	68.6

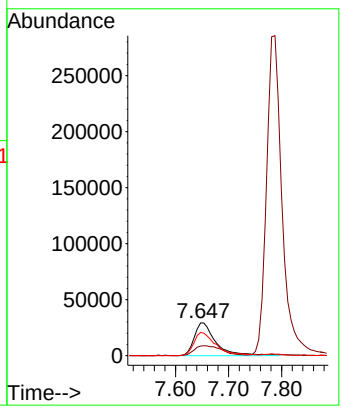




#49
1,4-Dioxane
Concen: 3475.565 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 88 Resp: 8273

Ion	Ratio	Lower	Upper
88	100		
43	38.5	30.2	45.2
58	73.0	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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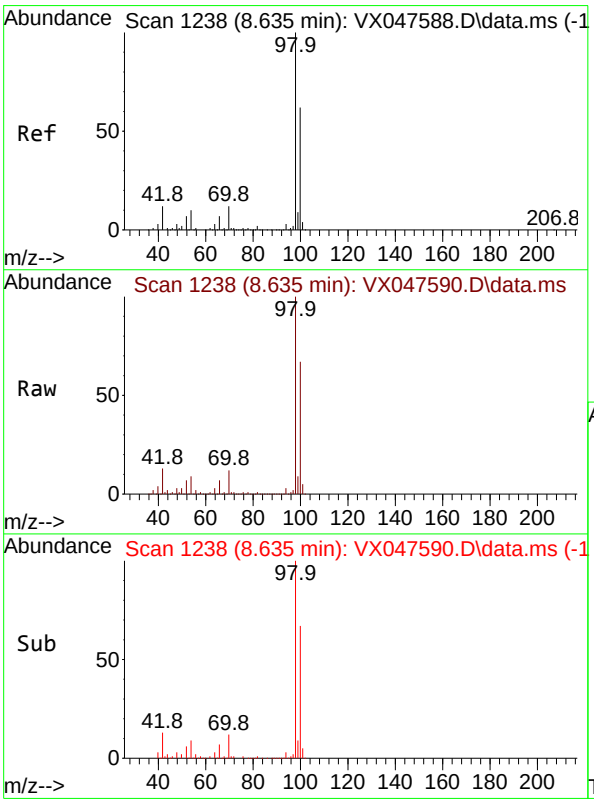
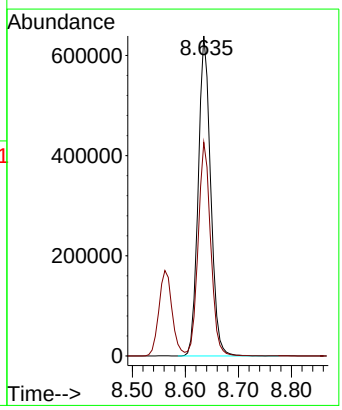
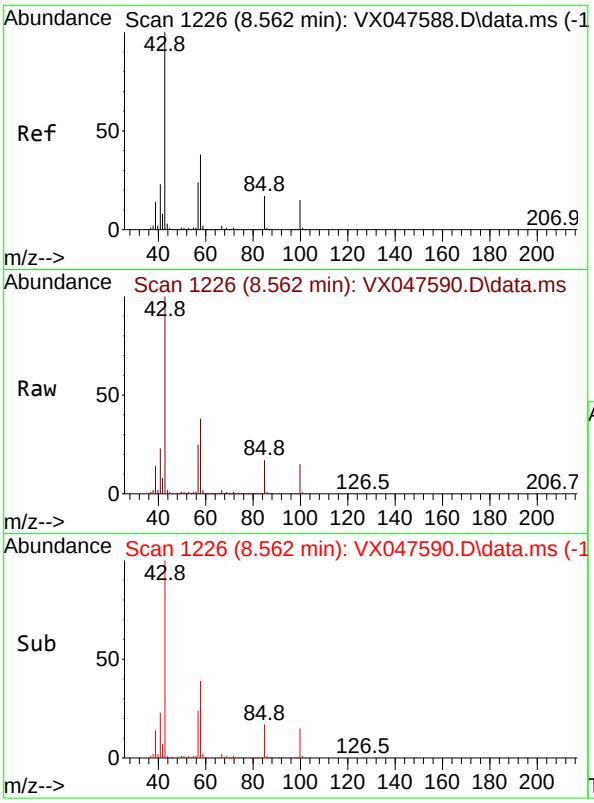


#50
Toluene-d8
Concen: 163.253 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 98 Resp: 1041079

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4

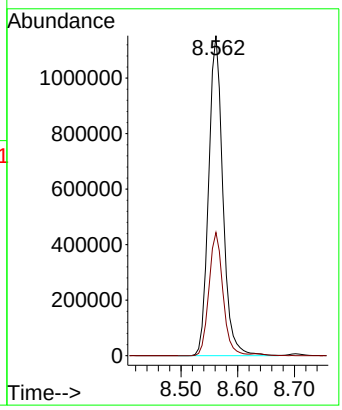




#51
4-Methyl-2-Pentanone
Concen: 765.849 ug/l
RT: 8.562 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 200806

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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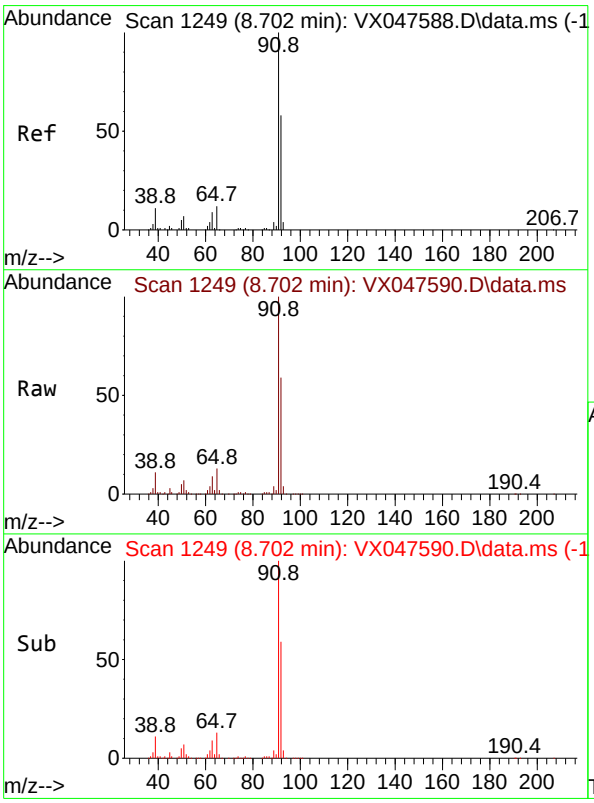
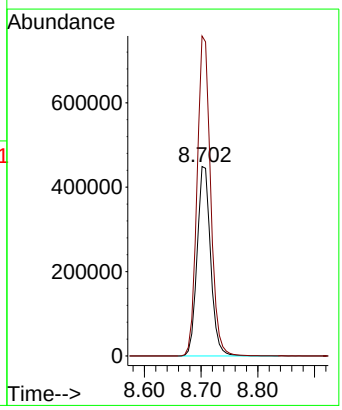
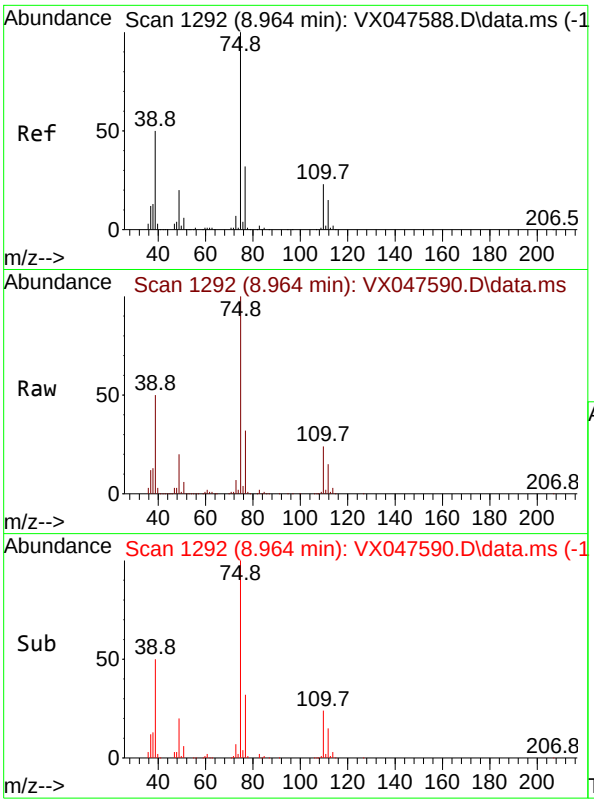


#52
Toluene
Concen: 146.712 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 92 Resp: 739332

Ion	Ratio	Lower	Upper
92	100		
91	169.5	137.1	205.7

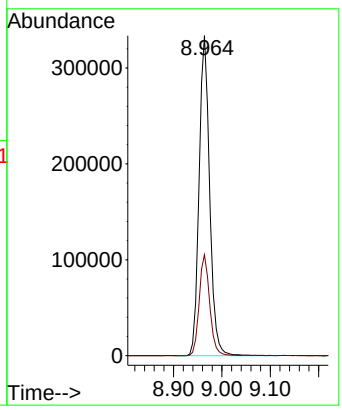




#53
t-1,3-Dichloropropene
Concen: 157.076 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 50391

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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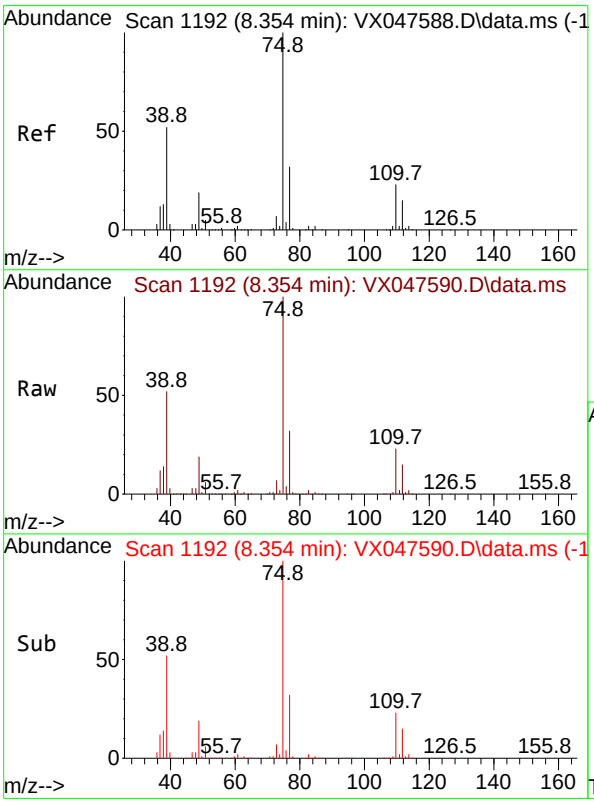
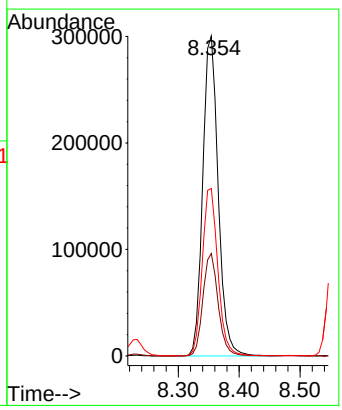
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

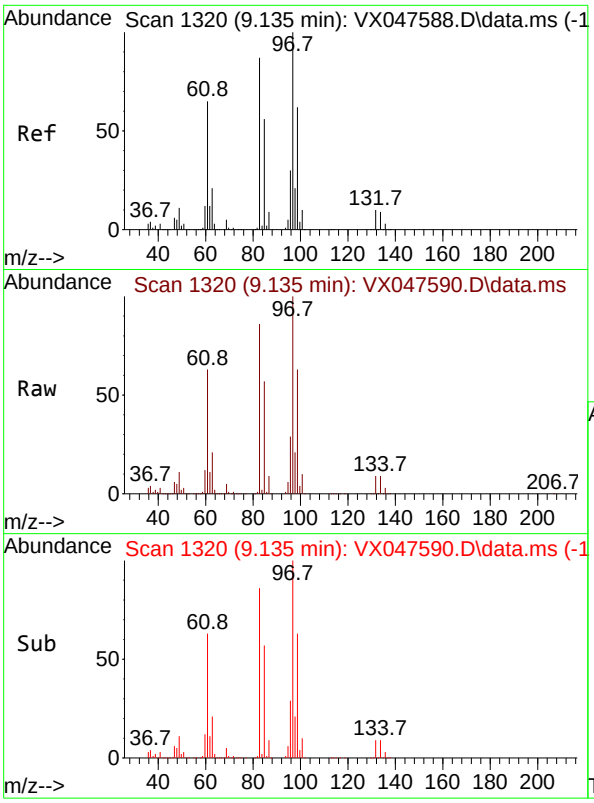


#54
cis-1,3-Dichloropropene
Concen: 154.732 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 530566

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
39	52.3	41.4	62.2

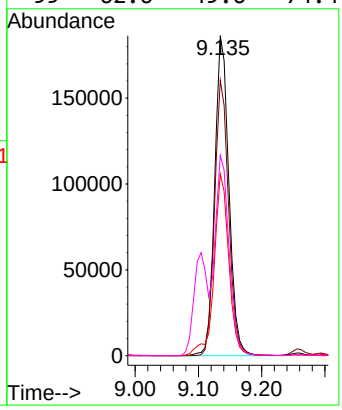




#55
1,1,2-Trichloroethane
Concen: 148.781 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 97 Resp: 28910

Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.6	104.4
85	56.8	45.0	67.6
99	62.6	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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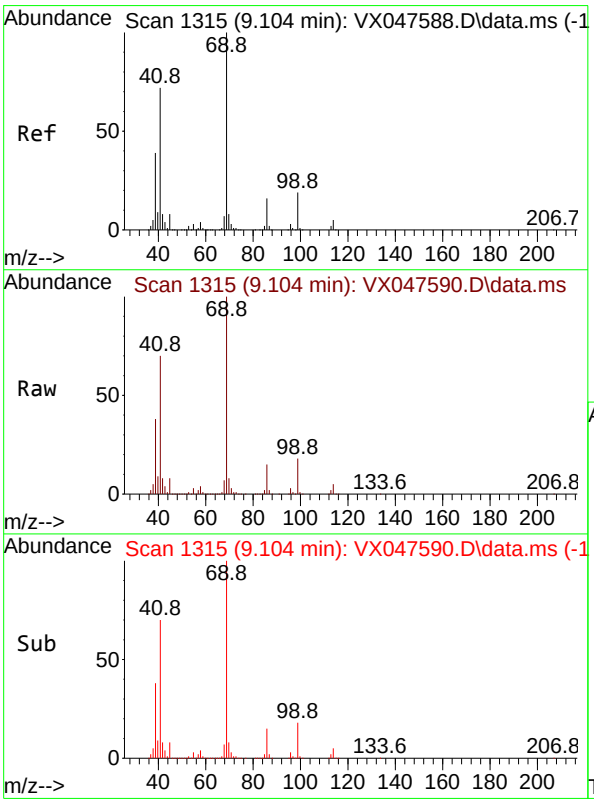
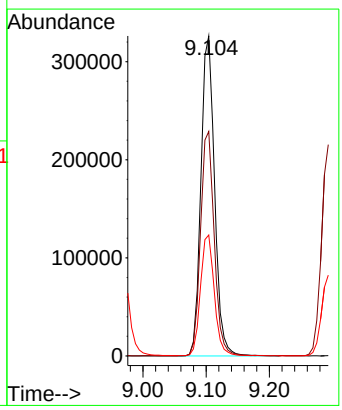
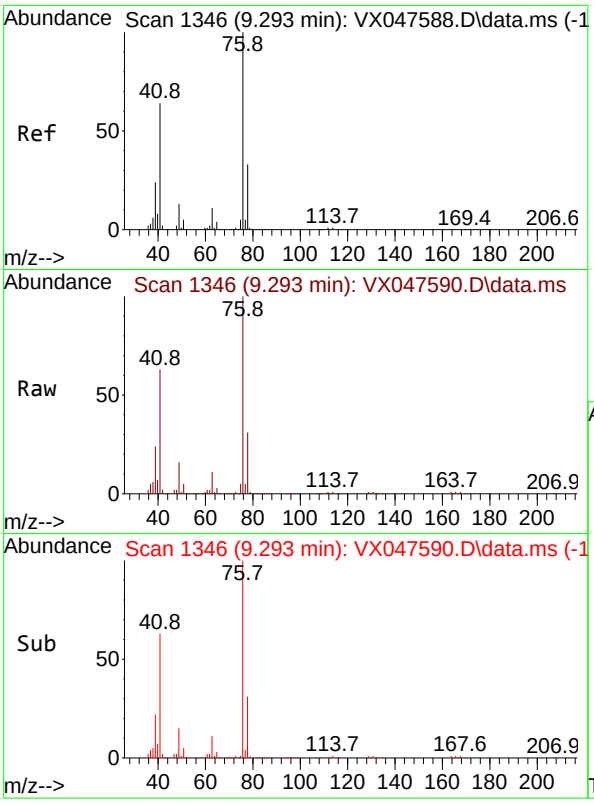


#56
Ethyl methacrylate
Concen: 160.773 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 69 Resp: 490623

Ion	Ratio	Lower	Upper
69	100		
41	70.5	58.6	87.8
39	38.2	31.5	47.3





#57
1,3-Dichloropropane
Concen: 150.426 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 76 Resp: 50212

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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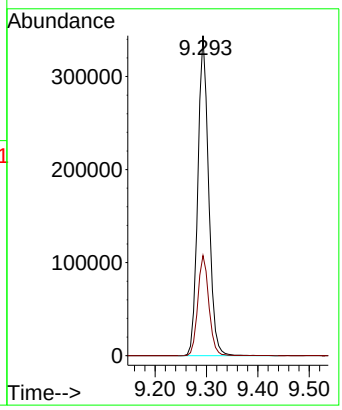
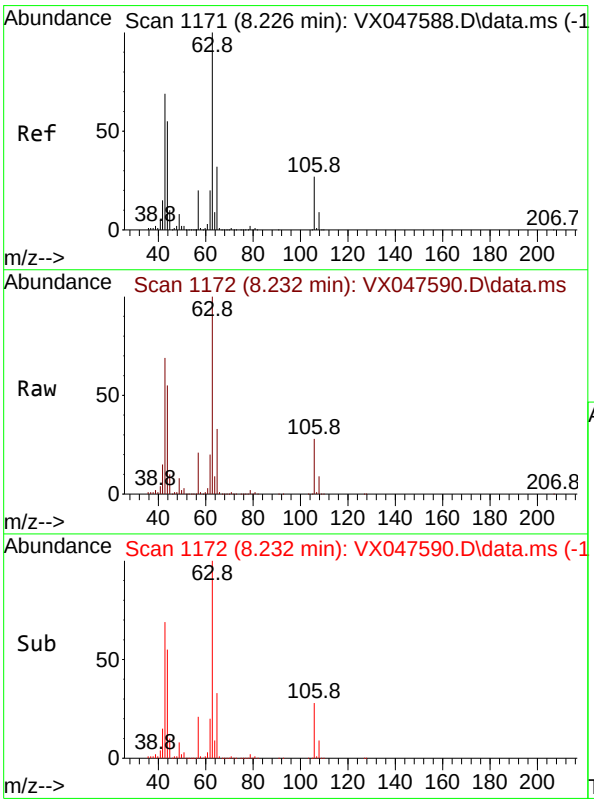
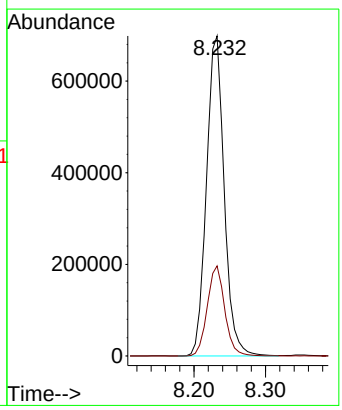


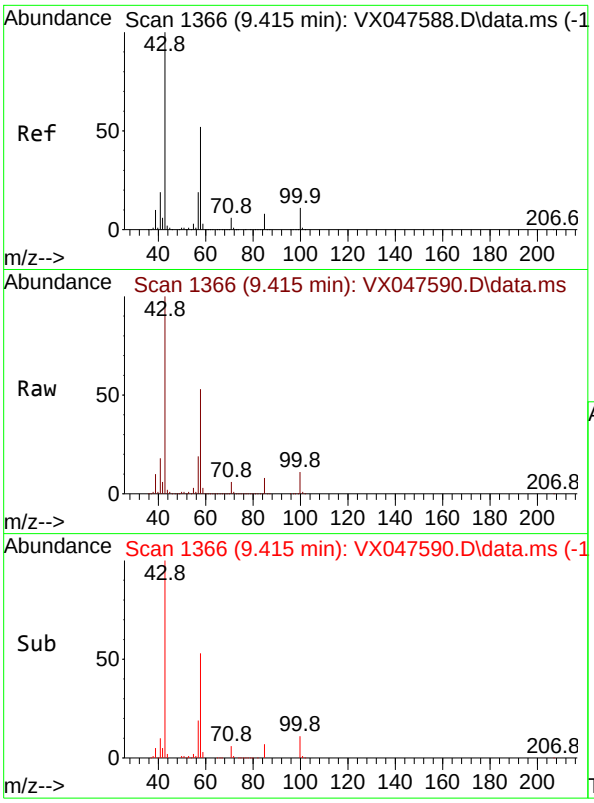


#58
2-Chloroethyl Vinyl ether
Concen: 749.661 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 1202206

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9

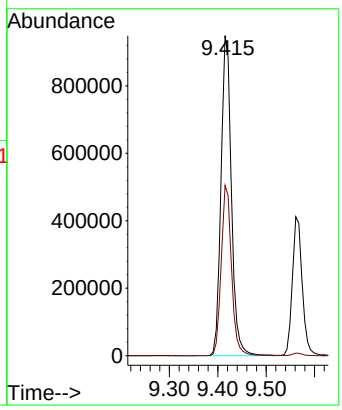




#59
2-Hexanone
Concen: 750.035 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 141241

Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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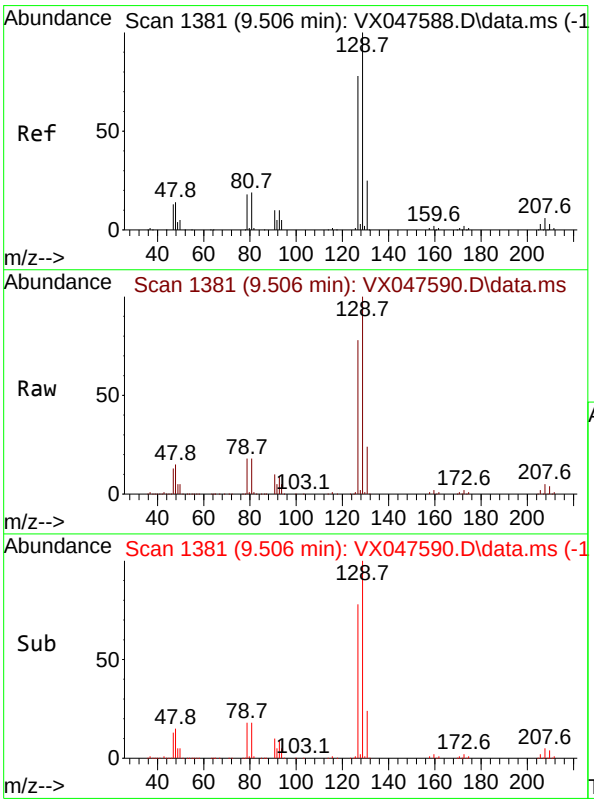
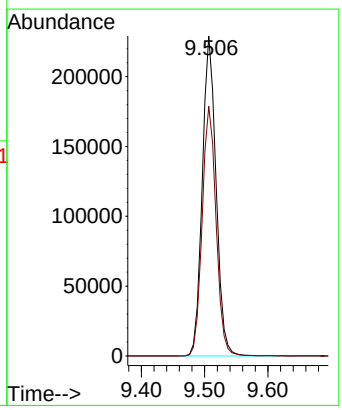
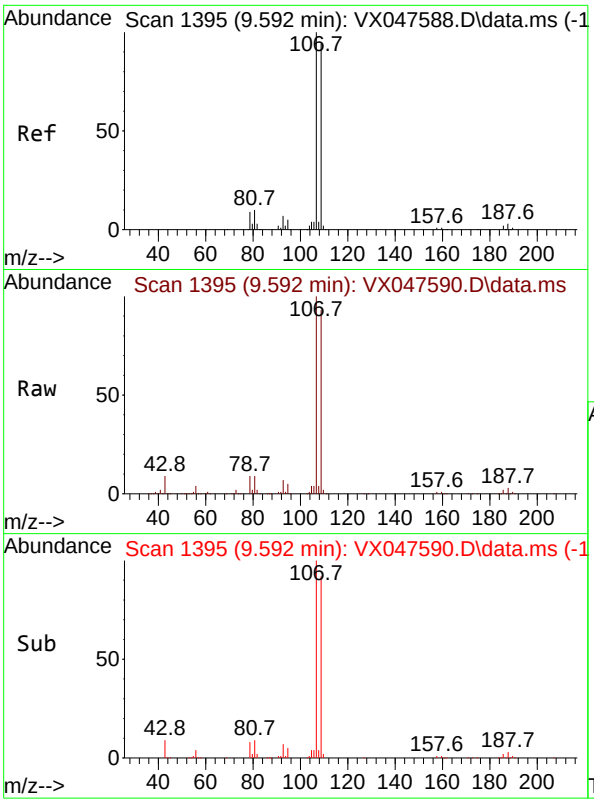


#60
Dibromochloromethane
Concen: 155.318 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:129 Resp: 347748

Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.4	115.2





#61
1,2-Dibromoethane
Concen: 152.949 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:107 Resp: 30271

Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.3	112.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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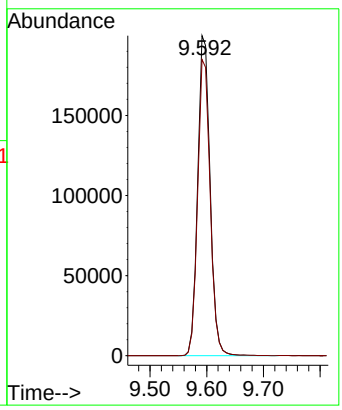
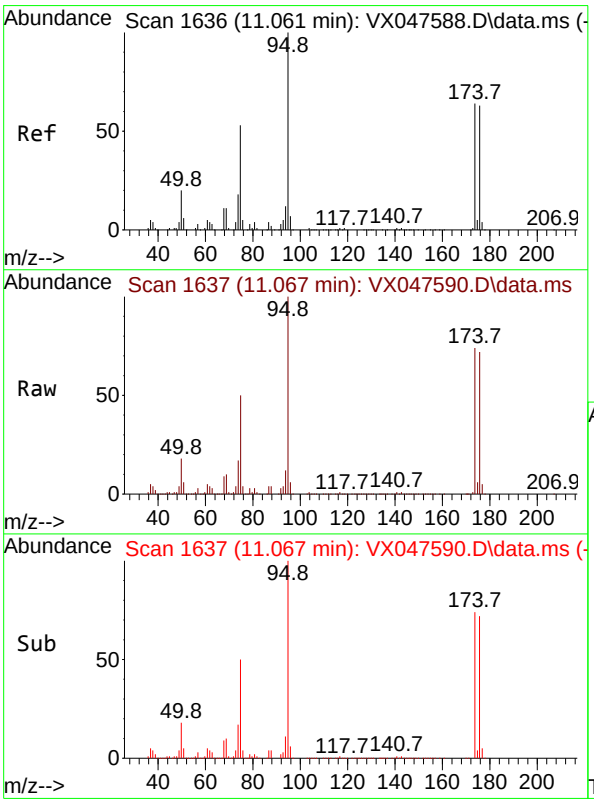
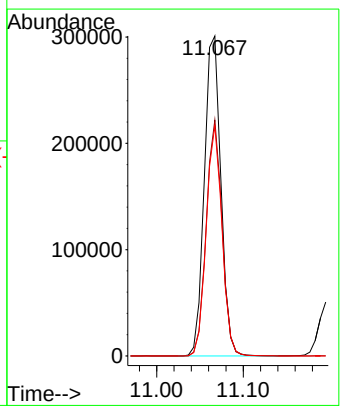


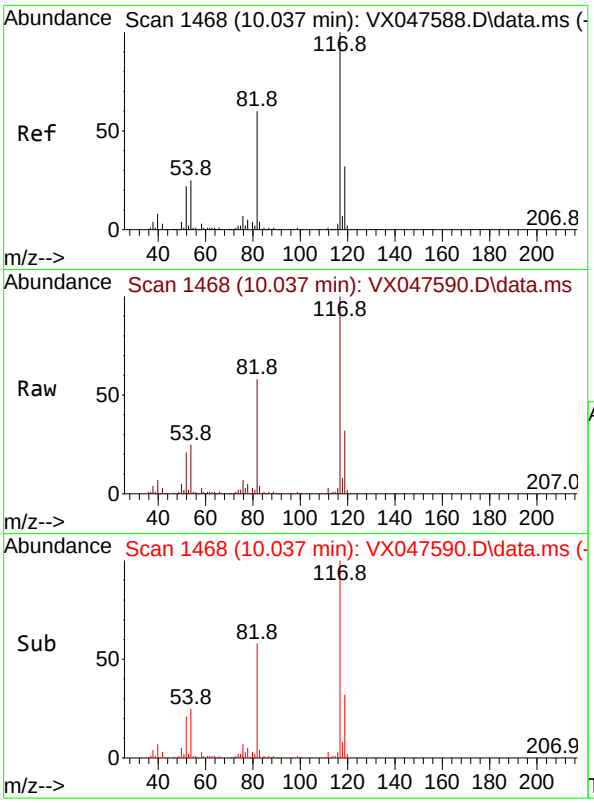


#62
4-Bromofluorobenzene
Concen: 165.020 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 95 Resp: 399386

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	141.6
176	68.5	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 24181

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.8	71.6
119	32.2	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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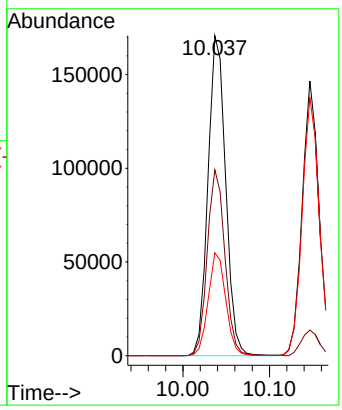
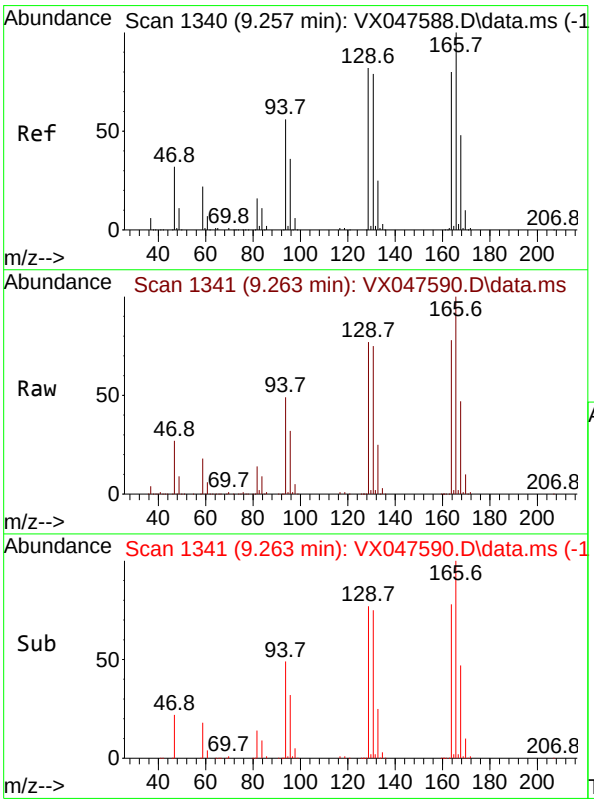
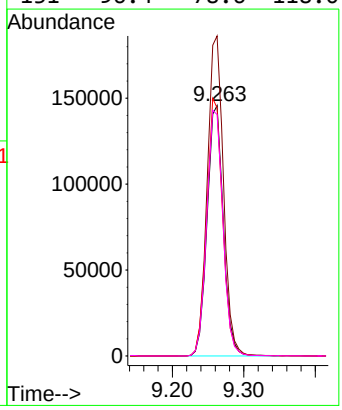


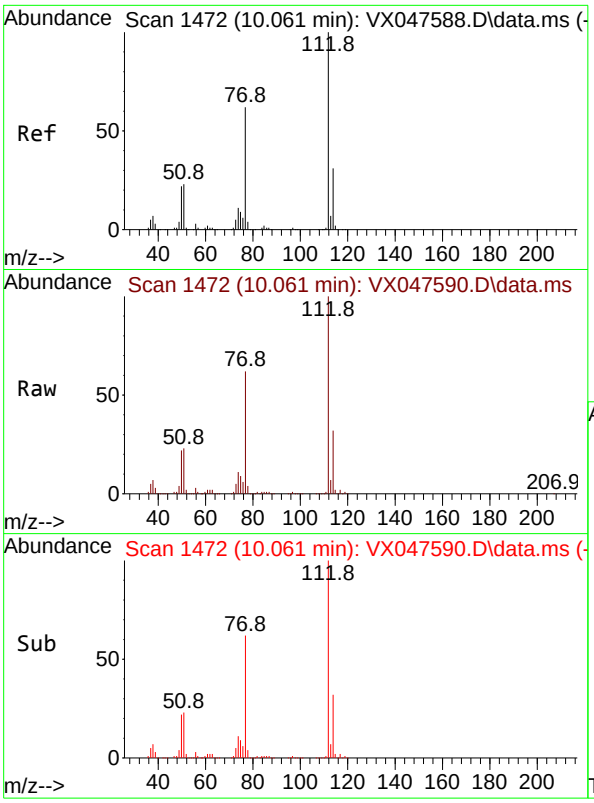


#64
Tetrachloroethene
Concen: 144.590 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:164 Resp: 227931

Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.2	150.2
129	99.0	81.8	122.6
131	96.4	78.6	118.0

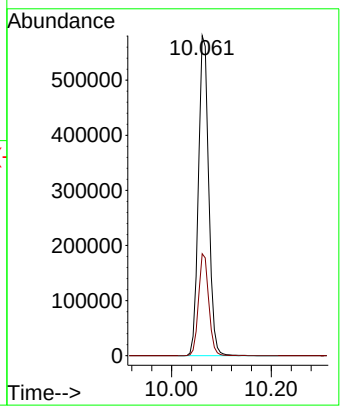




#65
Chlorobenzene
Concen: 150.763 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:112 Resp: 82823

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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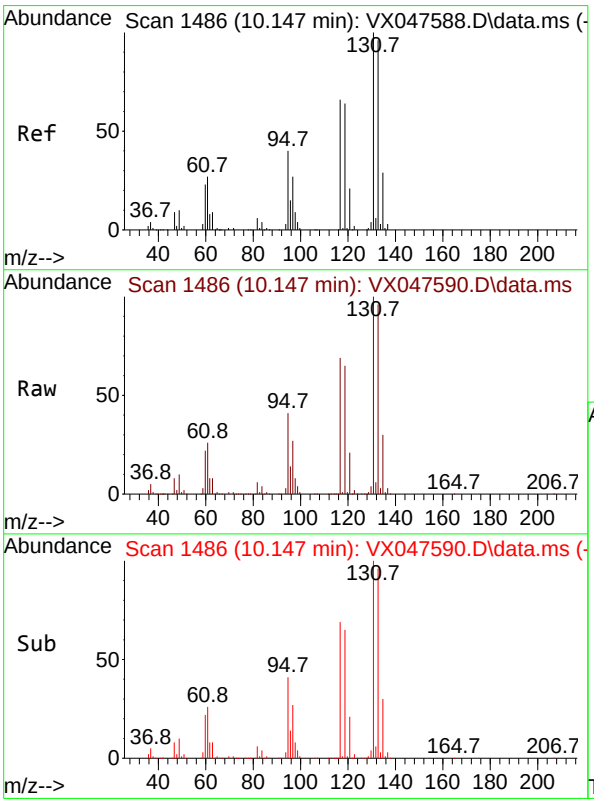
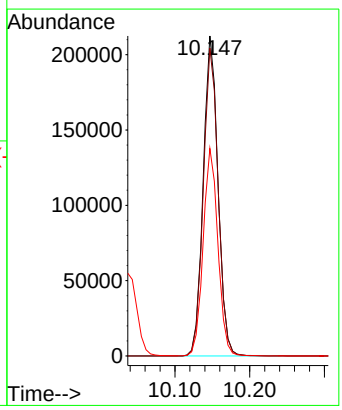
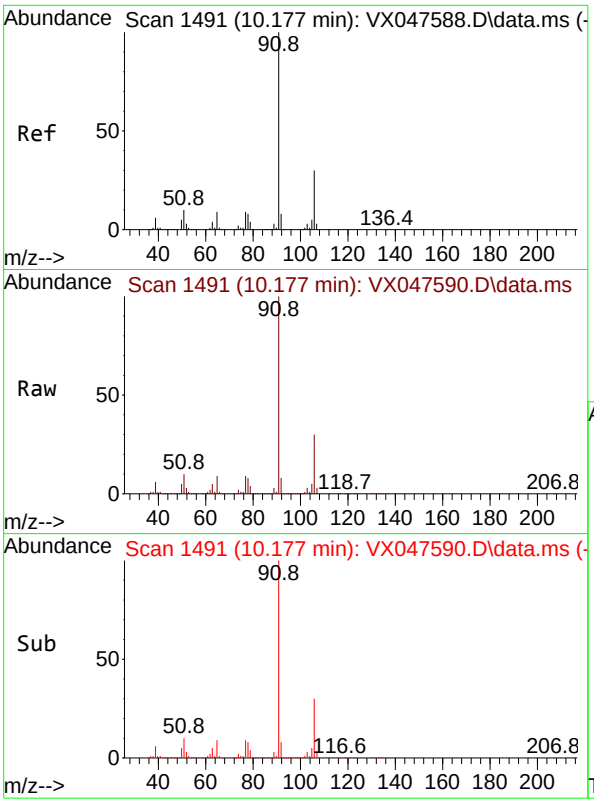


#66
1,1,1,2-Tetrachloroethane
Concen: 153.733 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:131 Resp: 291433

Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	142.0
119	64.8	32.0	96.0





#67
Ethyl Benzene
Concen: 151.026 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 143155

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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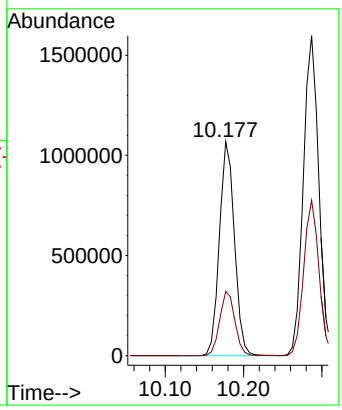
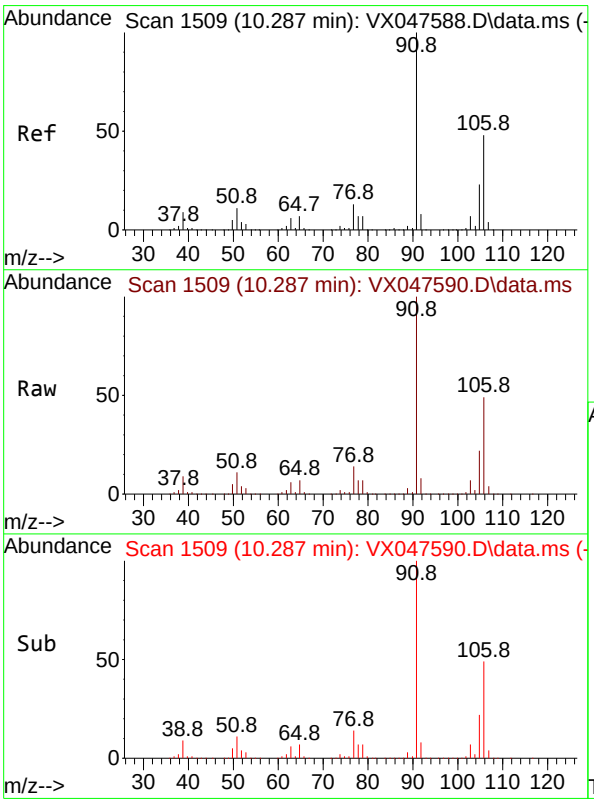
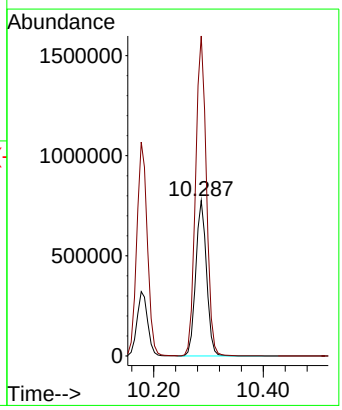


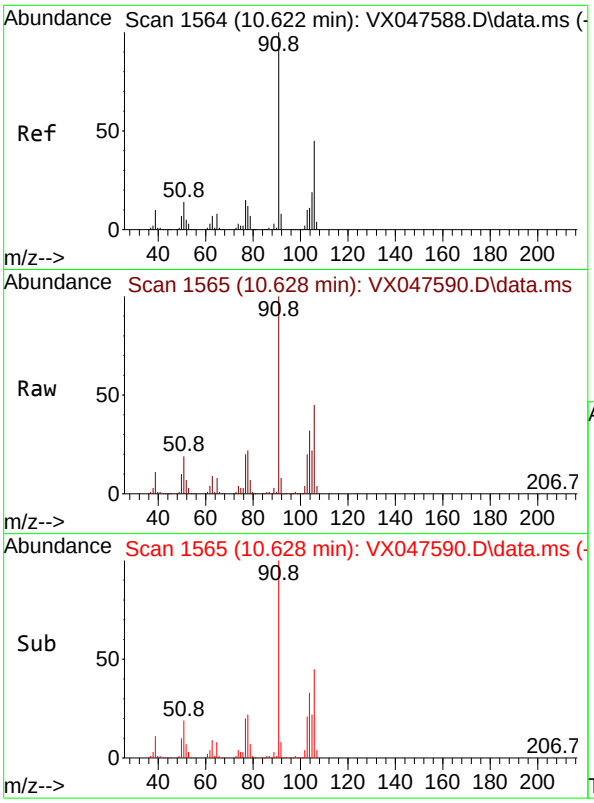


#68
m/p-Xylenes
Concen: 300.381 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:106 Resp: 1059776

Ion	Ratio	Lower	Upper
106	100		
91	208.0	167.8	251.8





#69
o-Xylene
Concen: 152.920 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:106 Resp: 52184

Ion	Ratio	Lower	Upper
106	100		
91	220.7	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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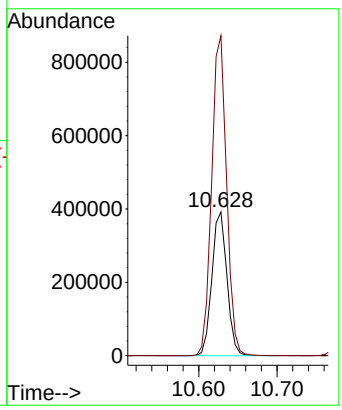
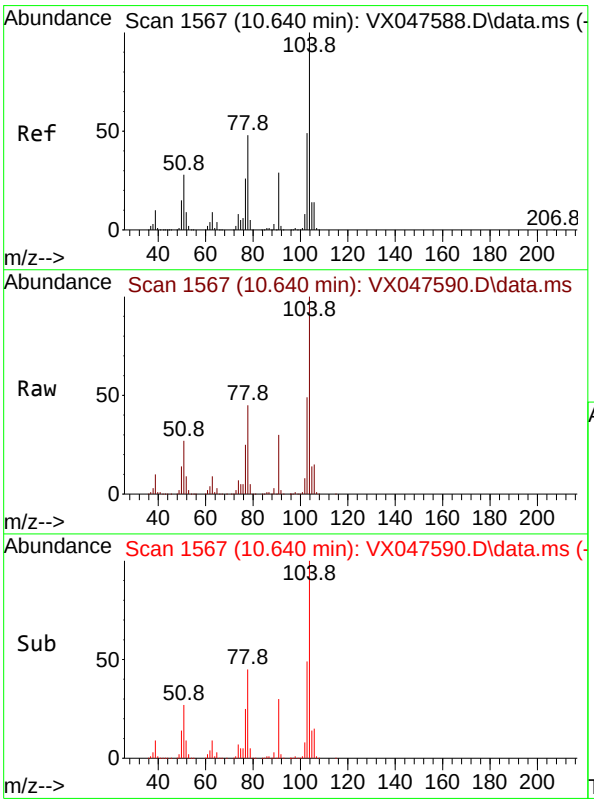
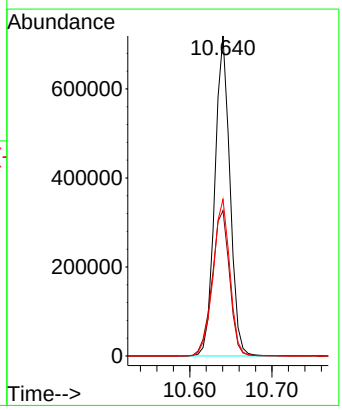


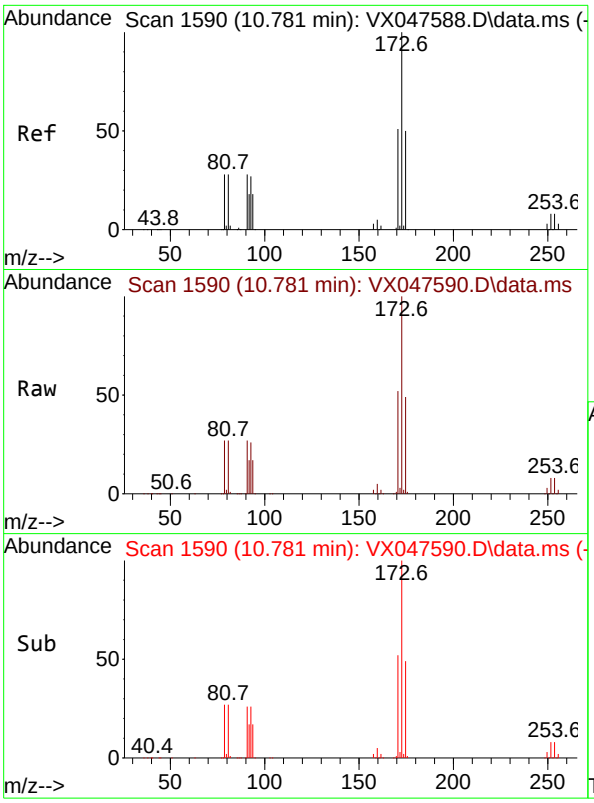


#70
Styrene
Concen: 153.449 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:104 Resp: 917532

Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.1	64.7
103	54.0	43.1	64.7

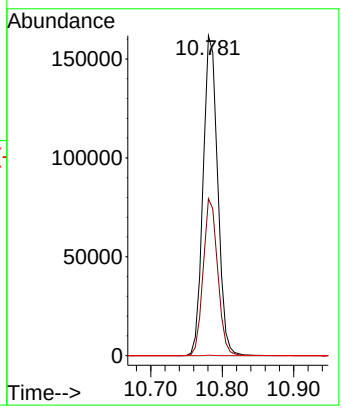




#71
Bromoform
Concen: 162.262 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:173 Resp: 22968

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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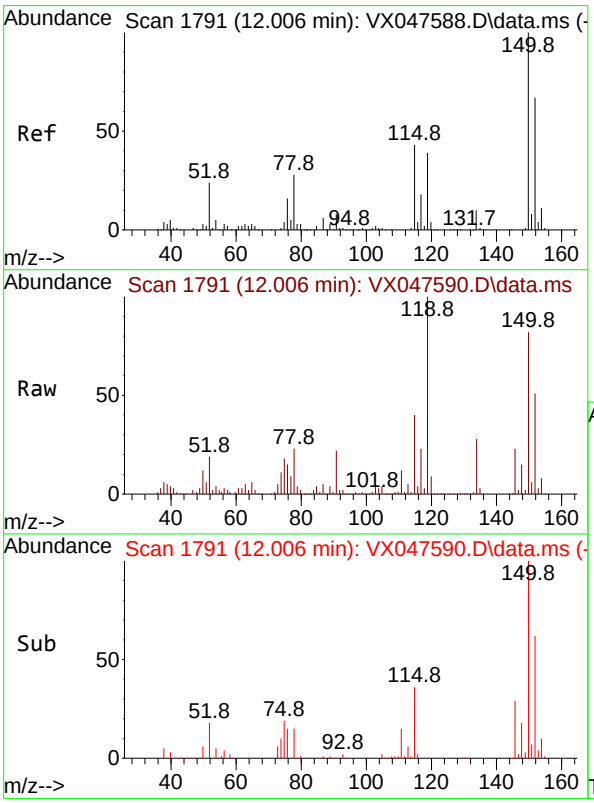
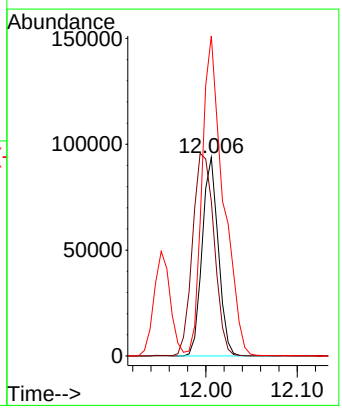
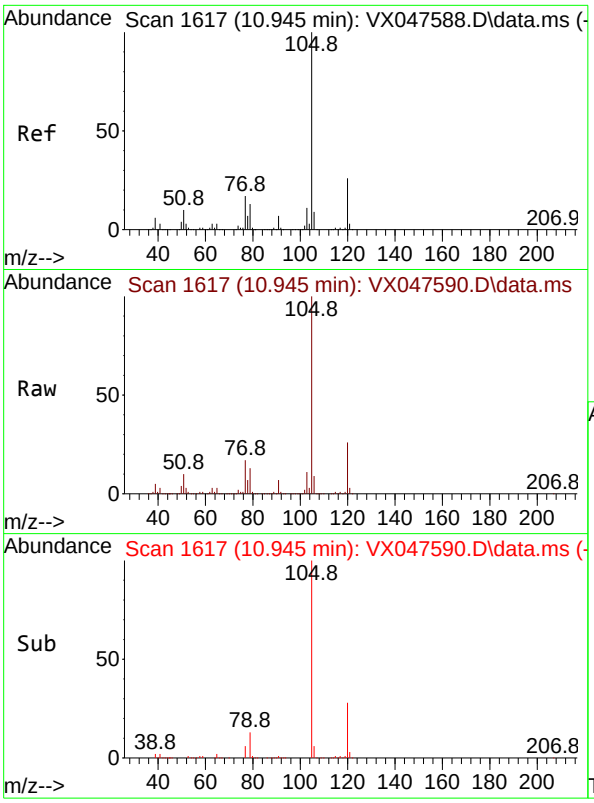


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:152 Resp: 114743

Ion	Ratio	Lower	Upper
152	100		
115	136.9	44.9	134.5#
150	212.9	0.0	352.0

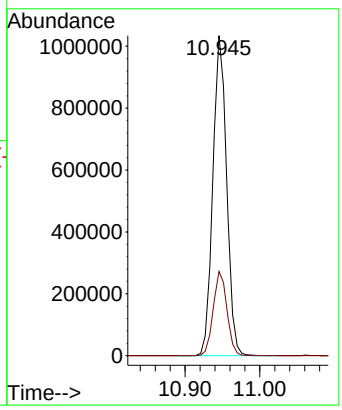




#73
Isopropylbenzene
Concen: 151.477 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 132140

Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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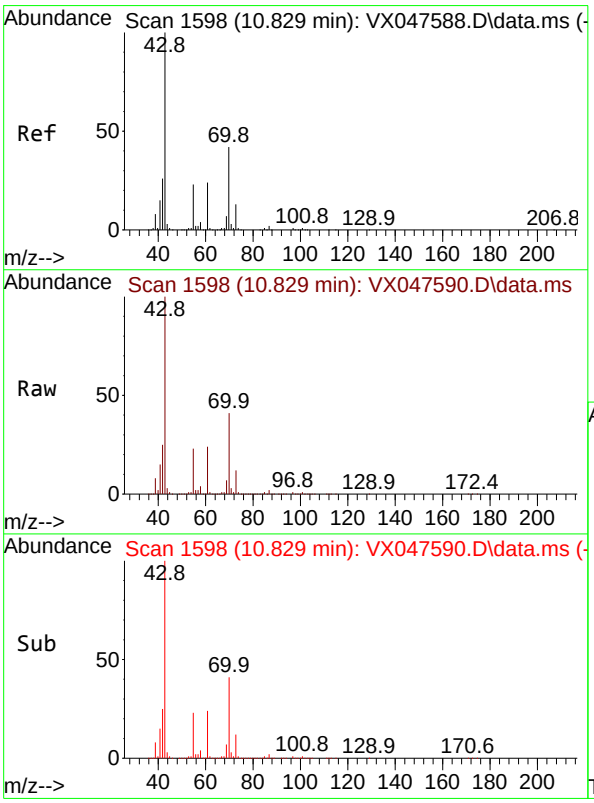
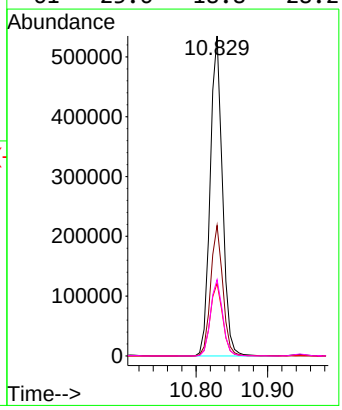
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

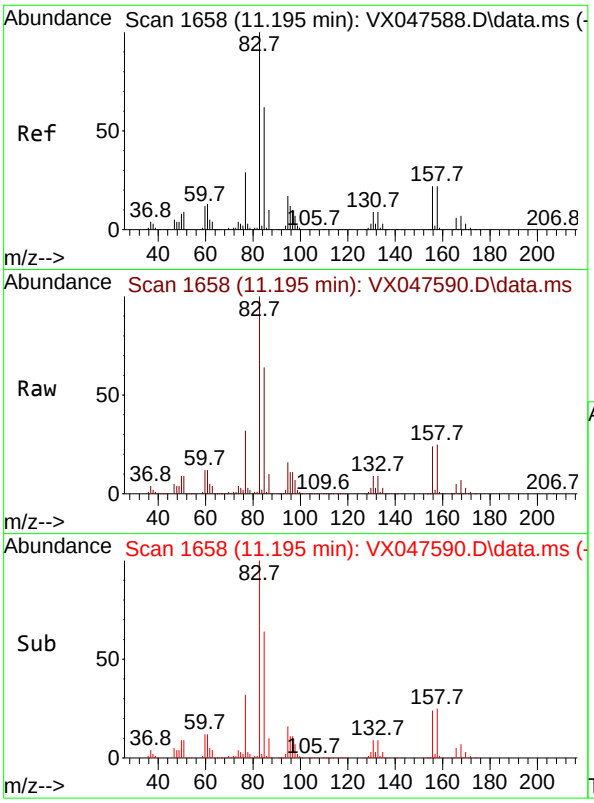


#74
N-amyl acetate
Concen: 160.099 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 636879

Ion	Ratio	Lower	Upper
43	100		
70	40.4	32.0	48.0
55	22.9	18.9	28.3
61	23.6	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 153.035 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

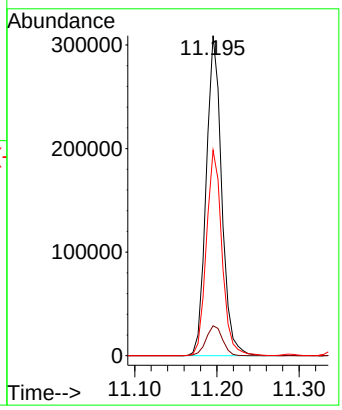
Tgt Ion: 83 Resp: 40390

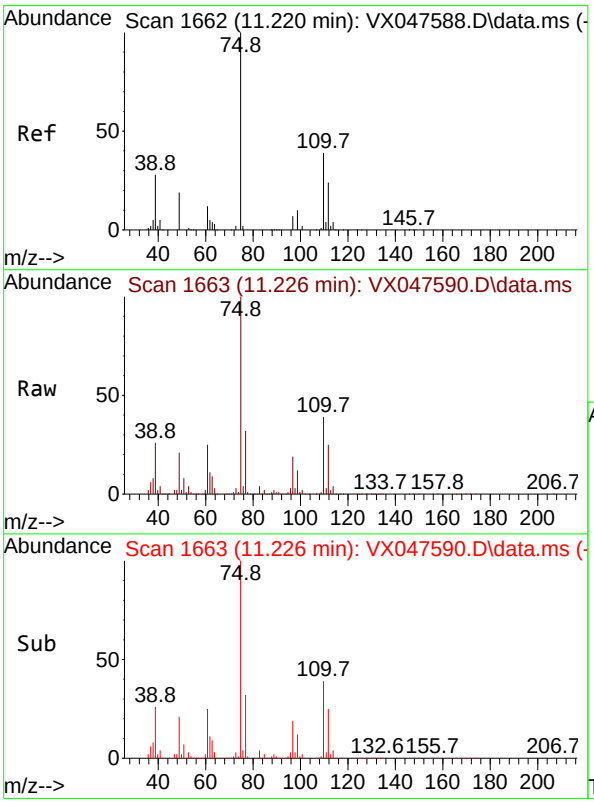
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.6	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

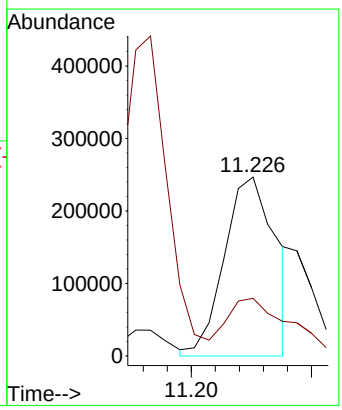


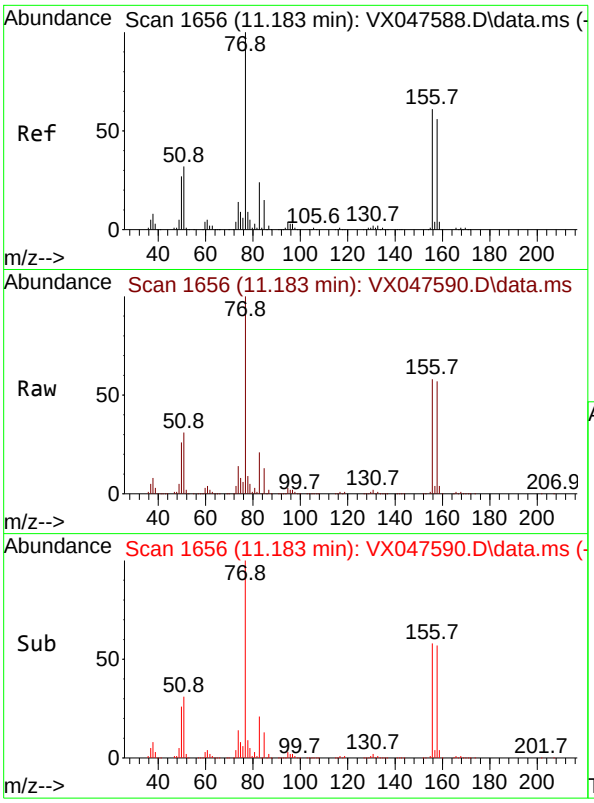


#76
1,2,3-Trichloropropane
Concen: 153.692 ug/l m
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 366171

Ion	Ratio	Lower	Upper
75	100		
77	39.7	18.8	56.4

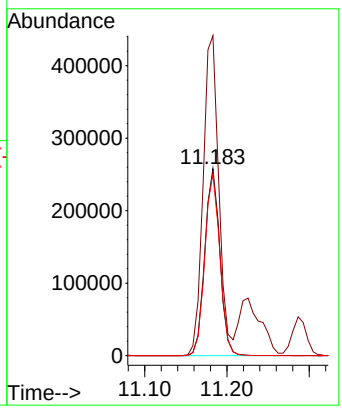




#77
Bromobenzene
Concen: 152.818 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:156 Resp: 32833

Ion	Ratio	Lower	Upper
156	100		
77	178.2	89.7	269.1
158	97.5	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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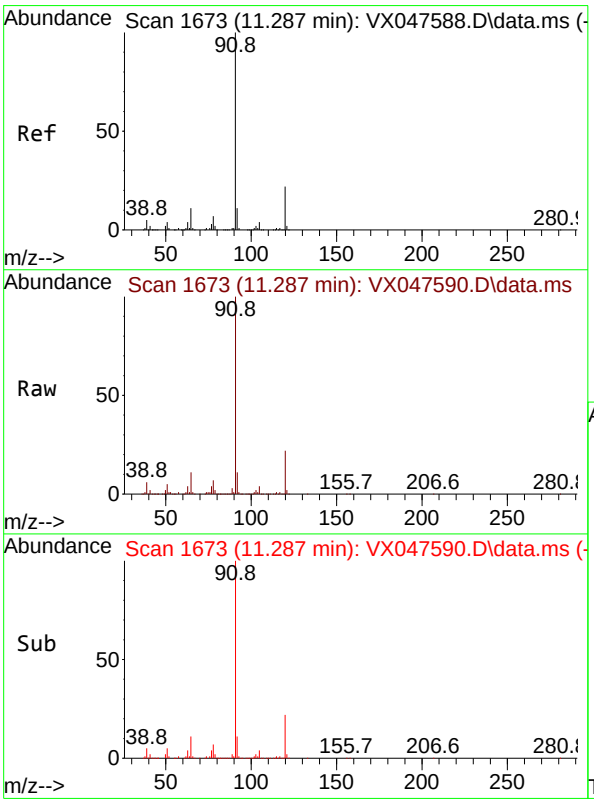
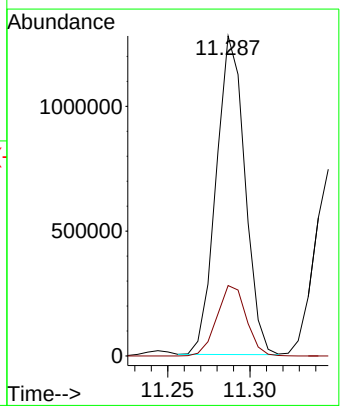
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

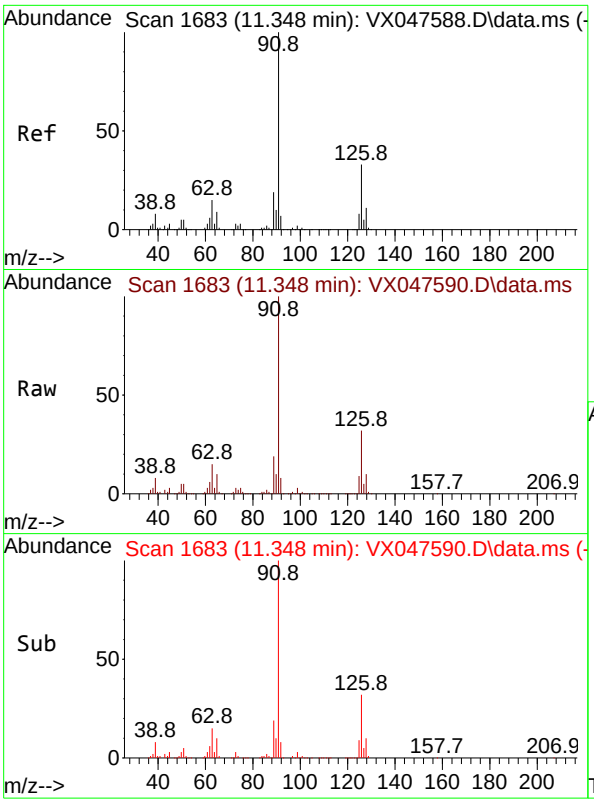


#78
n-propylbenzene
Concen: 150.337 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1550316

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1

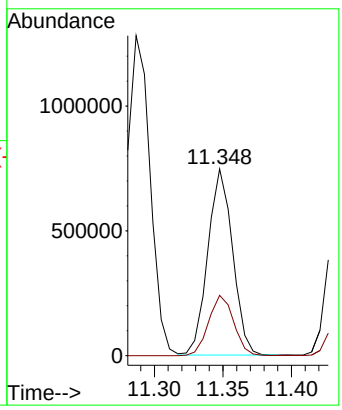




#79
2-Chlorotoluene
Concen: 148.781 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 93970

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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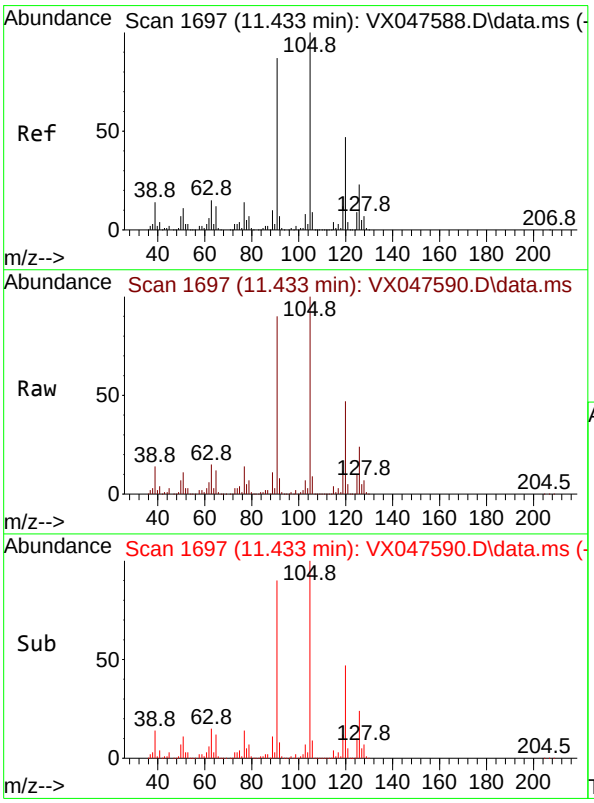
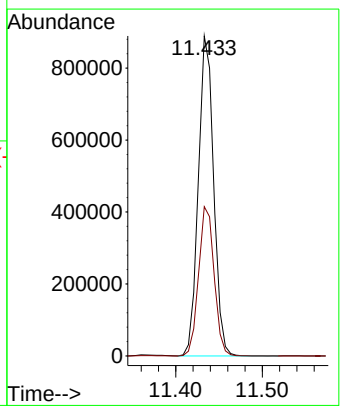
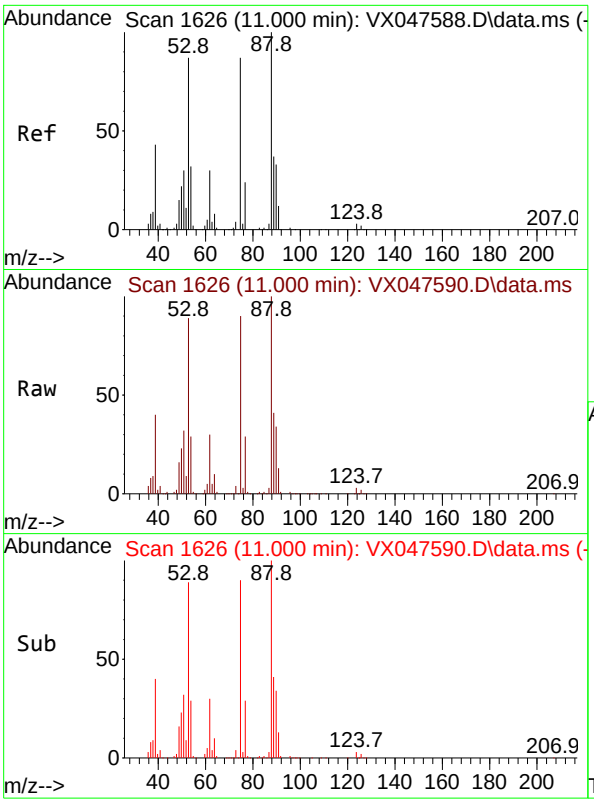


#80
1,3,5-Trimethylbenzene
Concen: 152.306 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1091593

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 160.176 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 14592

Ion	Ratio	Lower	Upper
75	100		
53	100.8	83.4	125.2
89	46.3	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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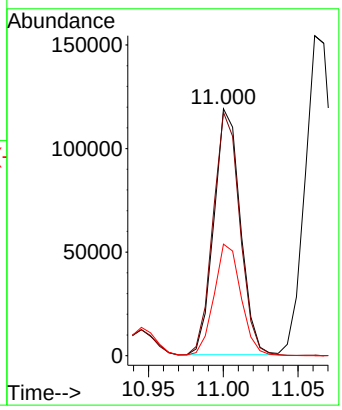
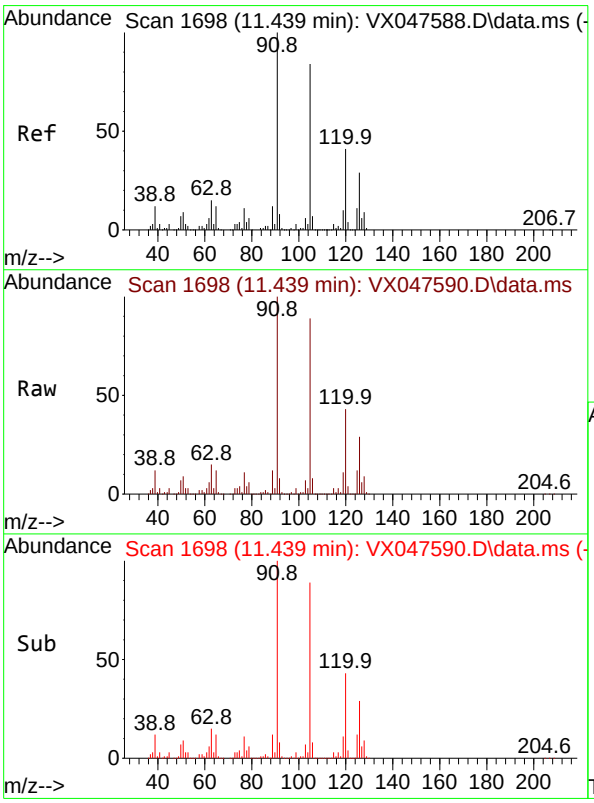
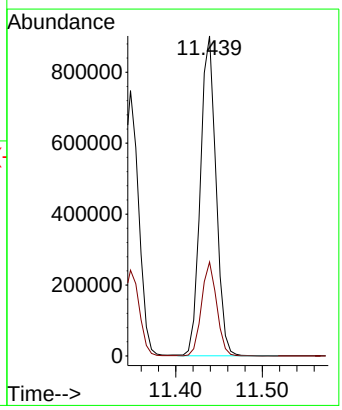


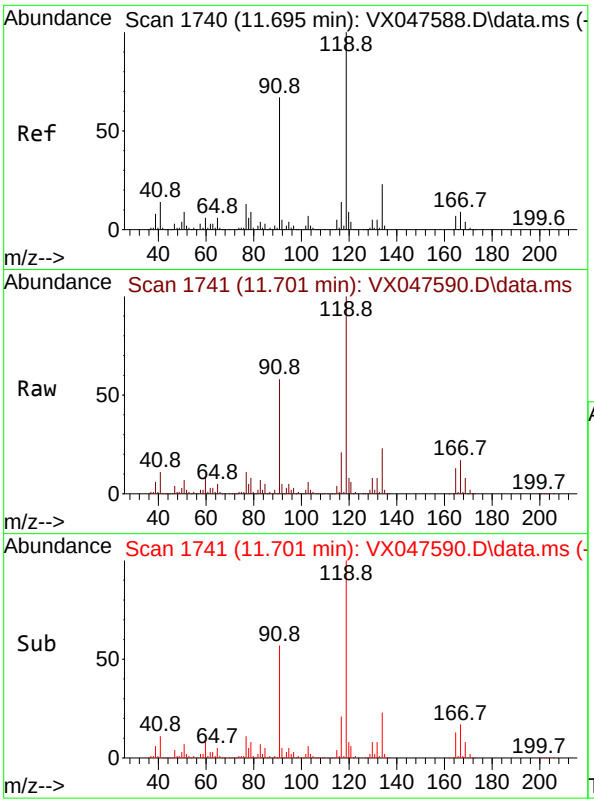


#82
4-Chlorotoluene
Concen: 151.112 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1127233

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6

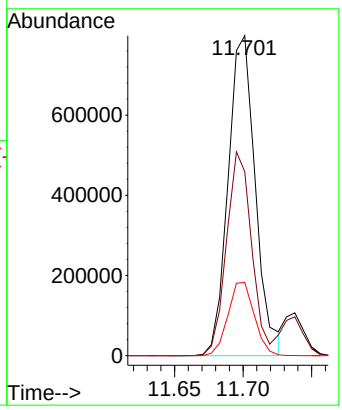




#83
tert-Butylbenzene
Concen: 150.819 ug/l
RT: 11.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:119 Resp: 110653

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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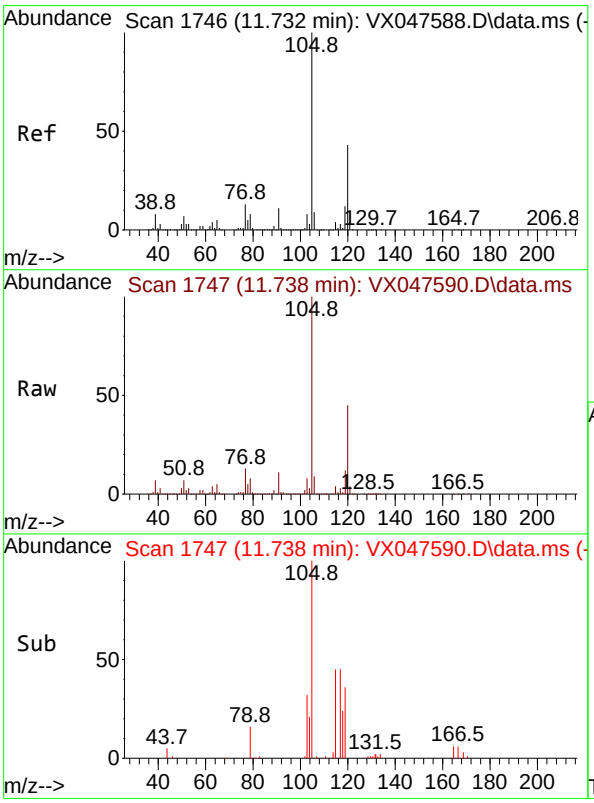
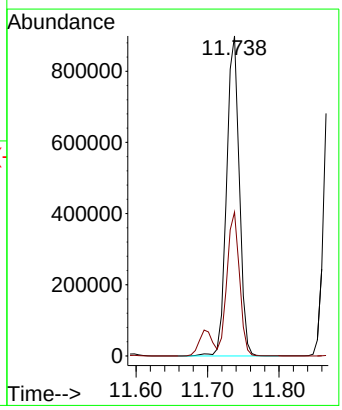
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

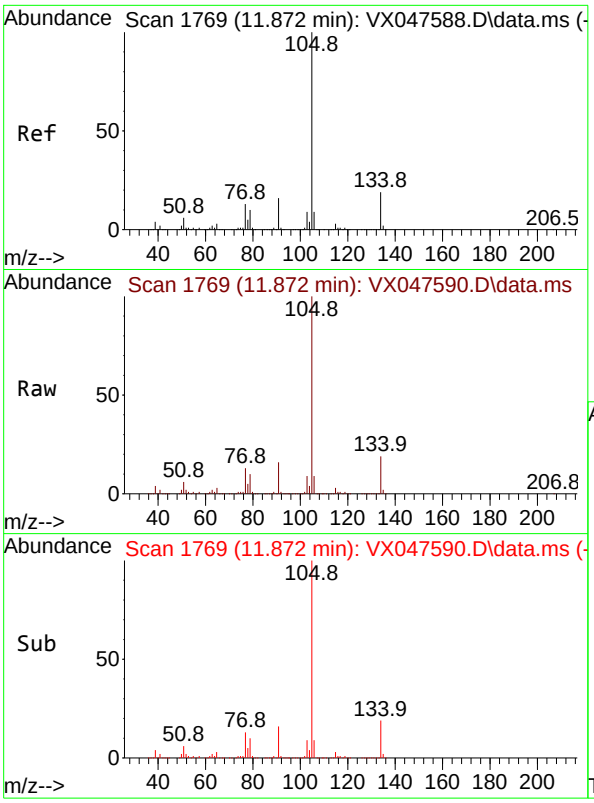


#84
1,2,4-Trimethylbenzene
Concen: 152.336 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1106914

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.1

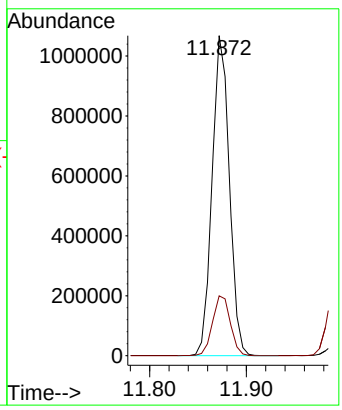




#85
sec-Butylbenzene
Concen: 151.448 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 131981

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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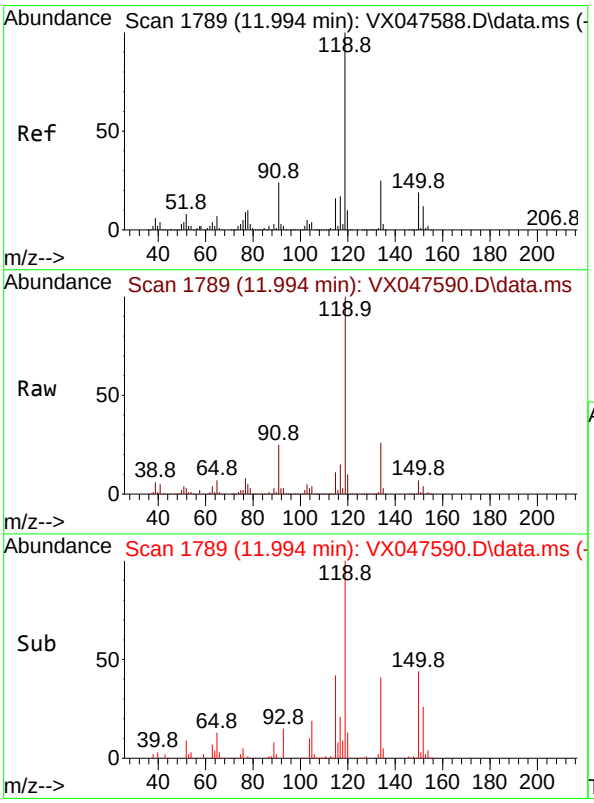
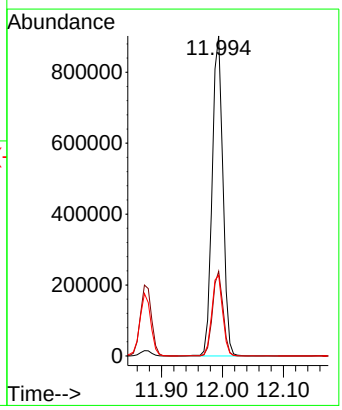
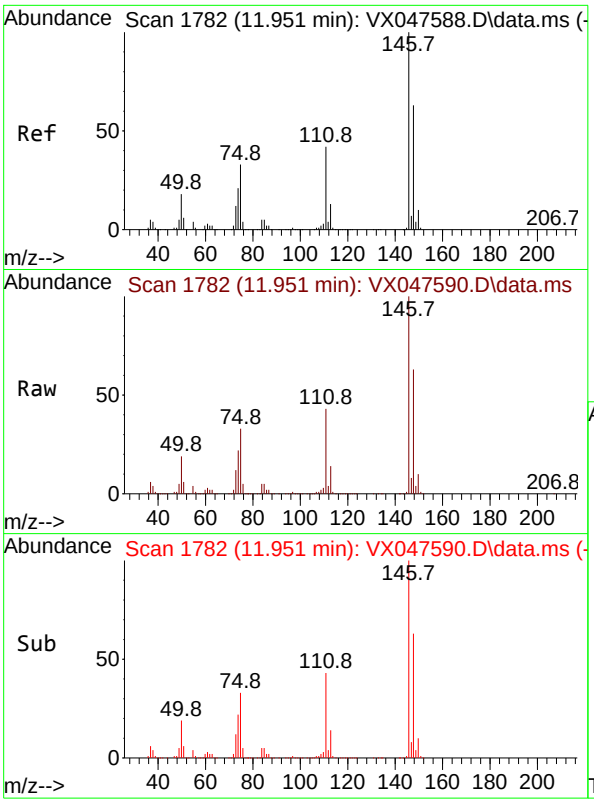


#86
p-Isopropyltoluene
Concen: 149.530 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:119 Resp: 1103210

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.3	12.6	37.6





#87
1,3-Dichlorobenzene
Concen: 151.633 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 60512

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.8	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

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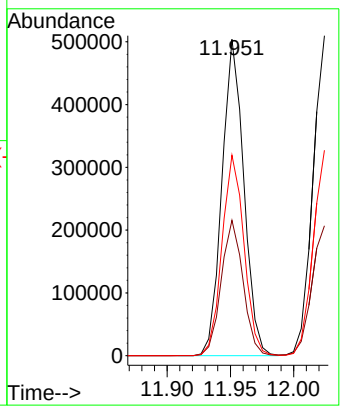
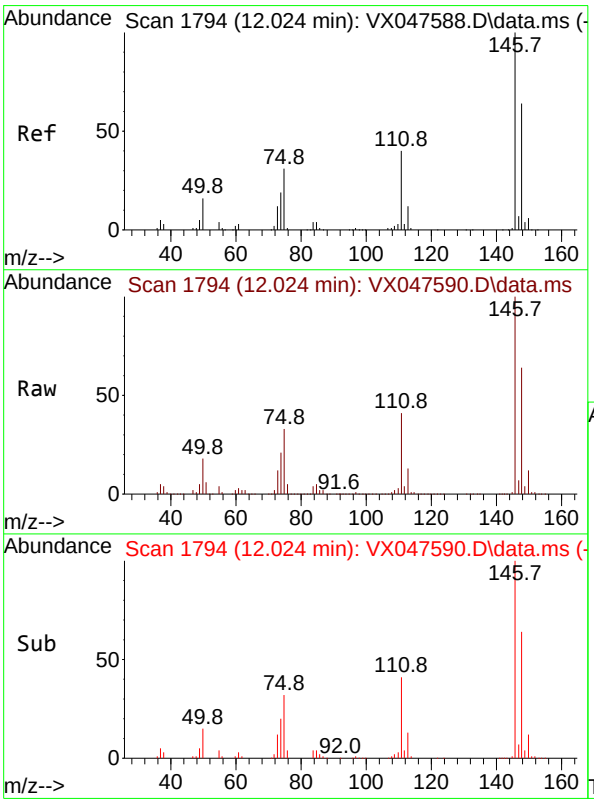
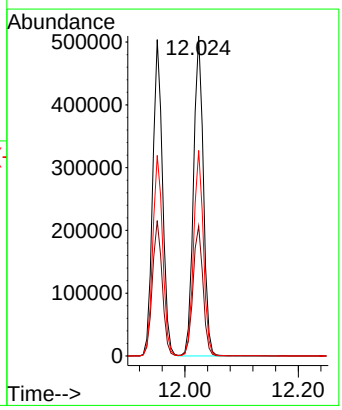


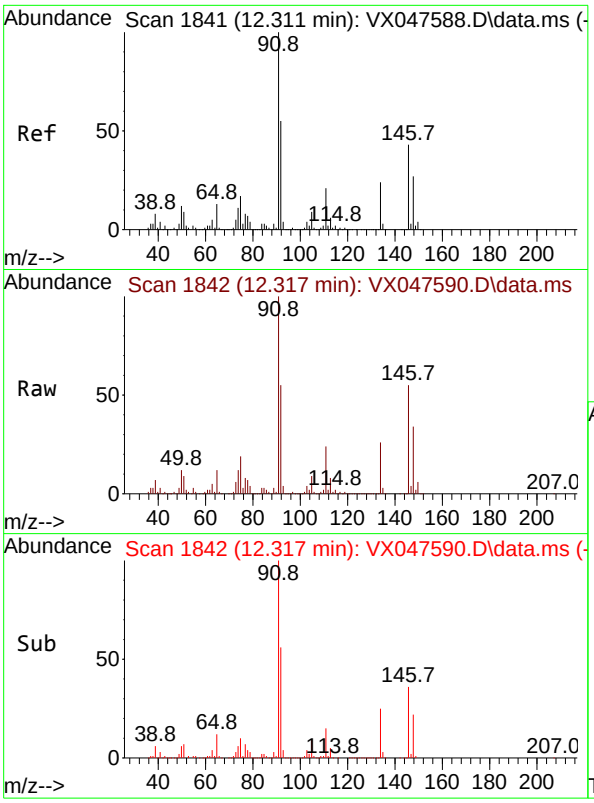


#88
1,4-Dichlorobenzene
Concen: 149.814 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 613617

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	63.2	31.7	95.1





#89
n-Butylbenzene
Concen: 151.222 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 103235

Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.2	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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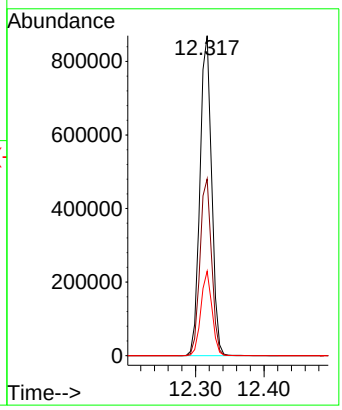
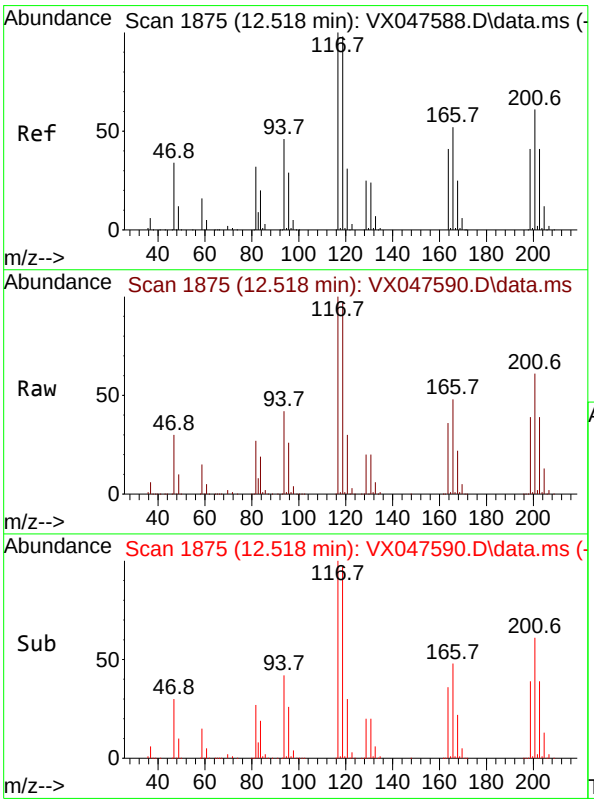
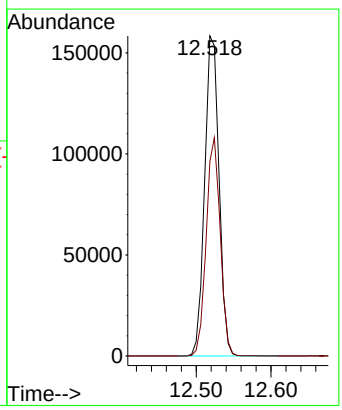


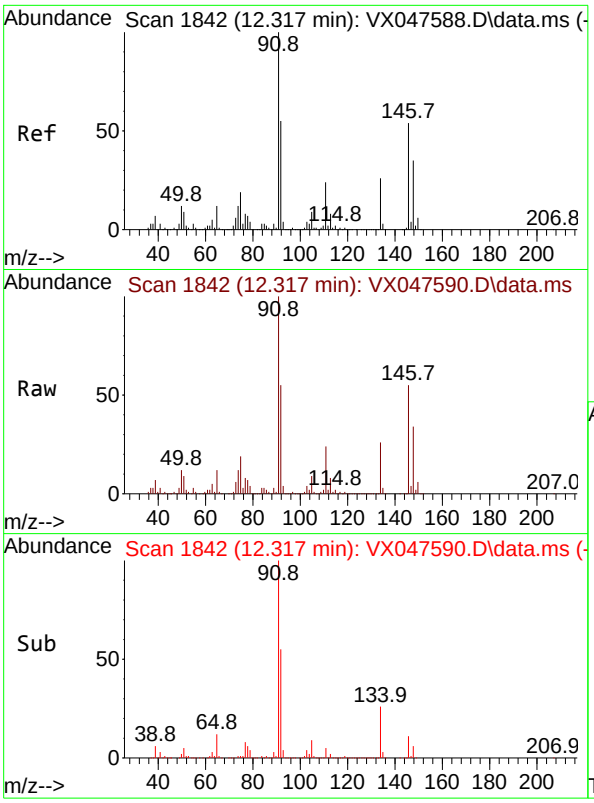


#90
Hexachloroethane
Concen: 163.258 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 211472

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5

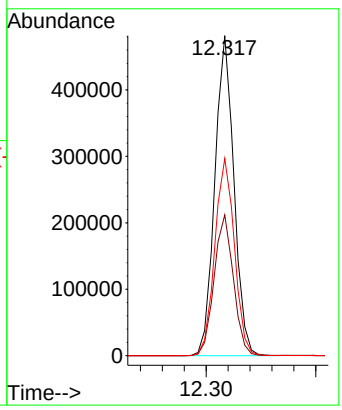




#91
1,2-Dichlorobenzene
Concen: 153.227 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 58256

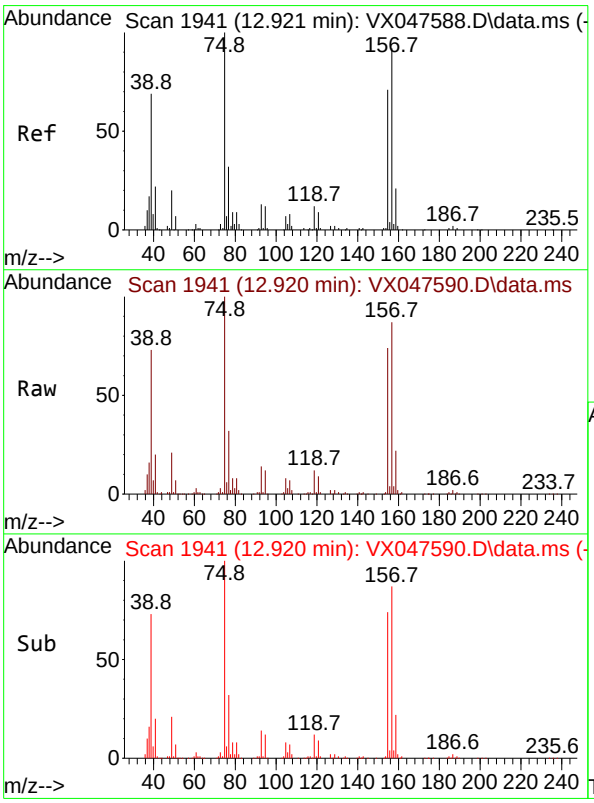
Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.2	66.6
148	63.5	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

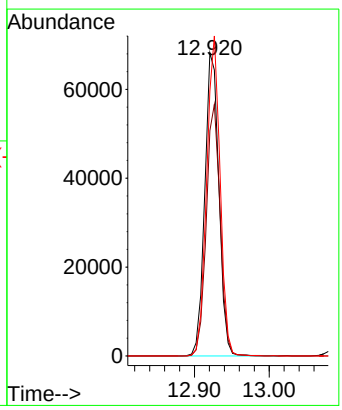
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

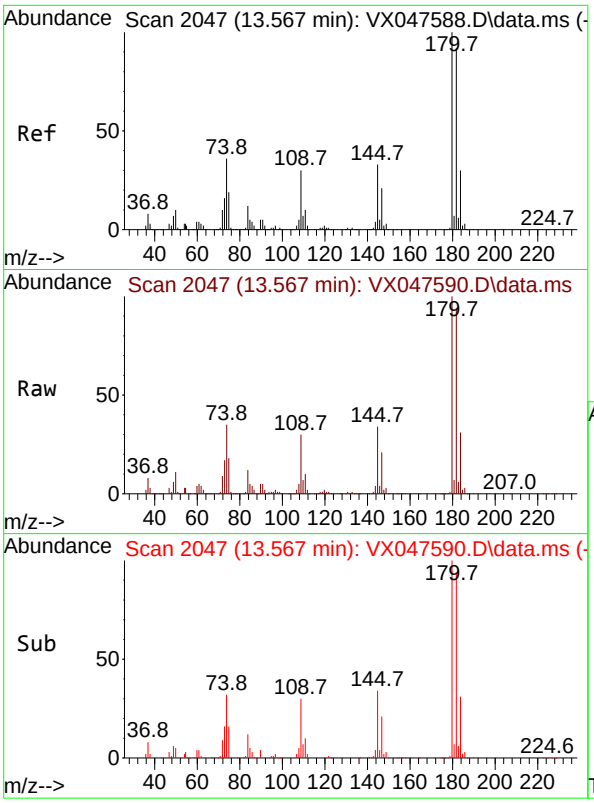


#92
1,2-Dibromo-3-Chloropropane
Concen: 167.332 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 89415

Ion	Ratio	Lower	Upper
75	100		
155	81.3	37.7	113.1
157	100.6	49.8	149.4





#93
1,2,4-Trichlorobenzene
Concen: 156.884 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

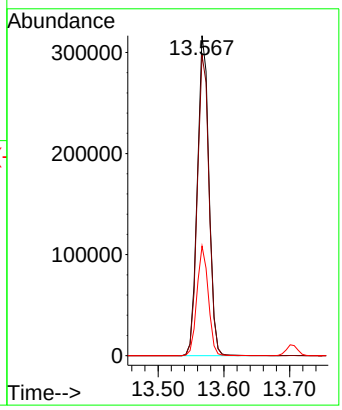
Tgt Ion:180 Resp: 38765

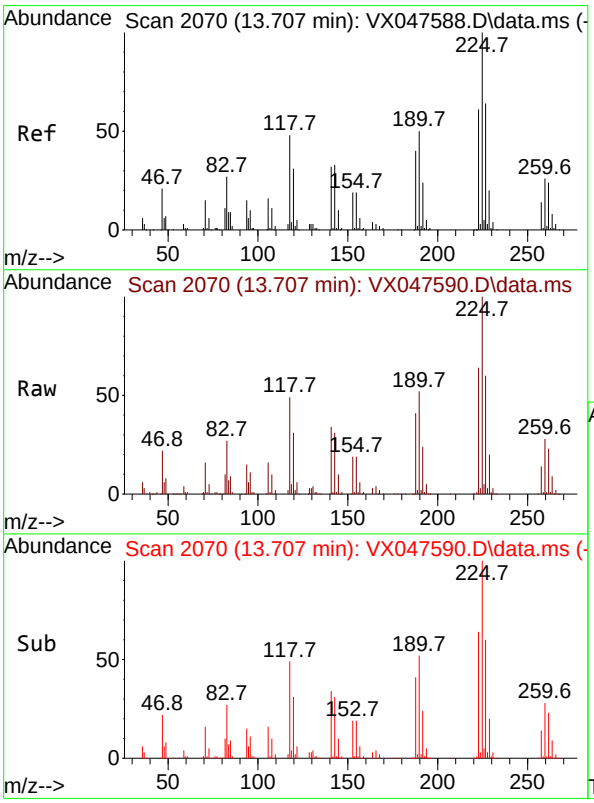
Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.6	139.8
145	33.5	16.4	49.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

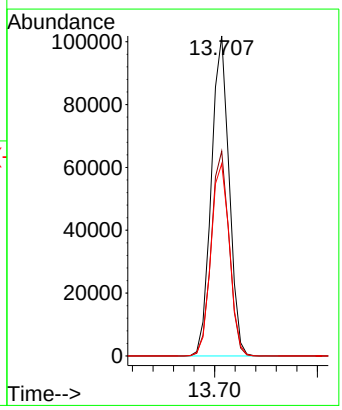


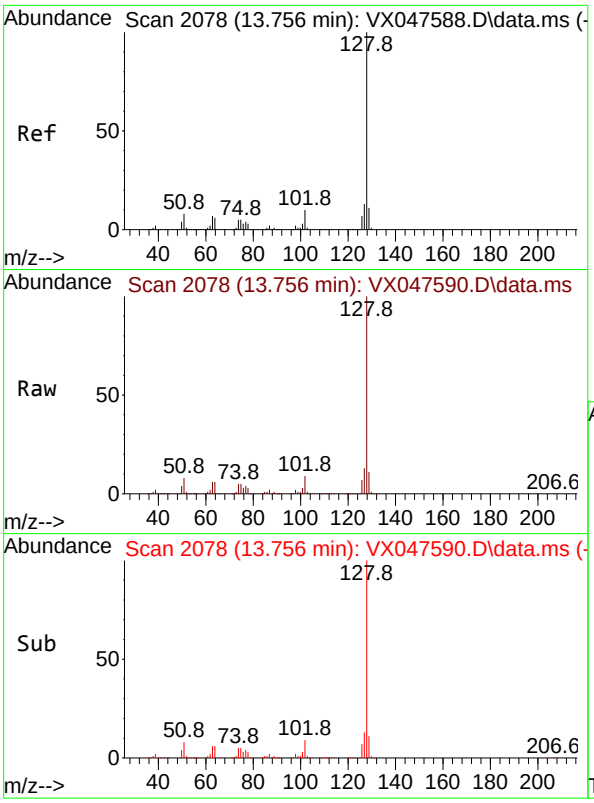


#94
Hexachlorobutadiene
Concen: 145.110 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:225 Resp: 121791

Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.7	95.1
227	62.8	32.0	96.0

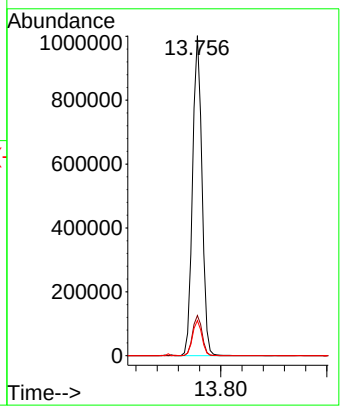




#95
Naphthalene
Concen: 163.388 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:128 Resp: 122936

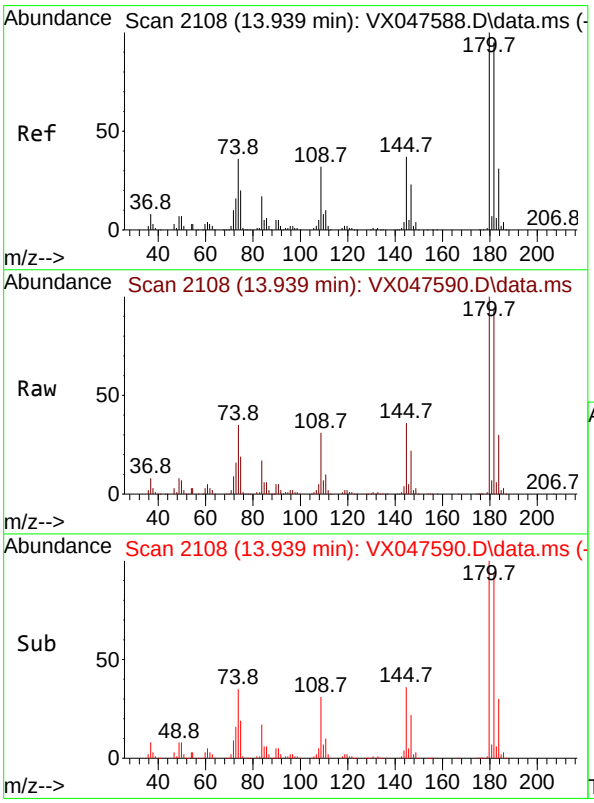
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

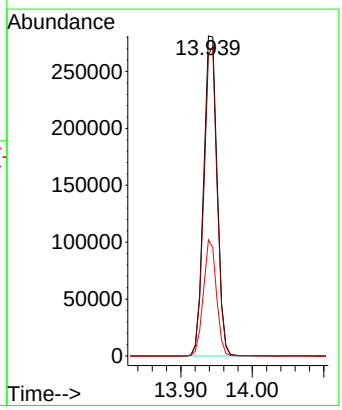
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 160.704 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:180 Resp: 369382

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	34.9	17.9	53.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	186484	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	331837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	135209	45.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.367	113	101390	45.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.120%		
50) Toluene-d8	8.634	98	357393	46.411	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.061	95	135957	46.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	86110	44.592	ug/l	94
3) Chloromethane	1.300	50	110935	43.710	ug/l	99
4) Vinyl Chloride	1.380	62	113742	45.783	ug/l	99
5) Bromomethane	1.617	94	76388	48.489	ug/l	99
6) Chloroethane	1.697	64	77337	46.575	ug/l	99
7) Trichlorofluoromethane	1.892	101	173647	47.074	ug/l	98
8) Diethyl Ether	2.136	74	70459	46.693	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	104663	48.524	ug/l	99
10) Methyl Iodide	2.453	142	155450	46.210	ug/l	99
11) Tert butyl alcohol	2.940	59	84722	256.271	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104302	47.076	ug/l	98
13) Acrolein	2.233	56	77645	254.867	ug/l	99
14) Allyl chloride	2.666	41	213704	46.742	ug/l	99
15) Acrylonitrile	3.056	53	310505	253.567	ug/l	99
16) Acetone	2.373	43	316217	245.006	ug/l	97
17) Carbon Disulfide	2.514	76	272741	44.966	ug/l	97
18) Methyl Acetate	2.697	43	158480	55.175	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	392574	48.538	ug/l	100
20) Methylene Chloride	2.788	84	125669	46.000	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	111418	46.709	ug/l	99
22) Diisopropyl ether	3.745	45	426854	48.174	ug/l #	83
23) Vinyl Acetate	3.709	43	1741267	245.539	ug/l	99
24) 1,1-Dichloroethane	3.599	63	226249	48.041	ug/l	99
25) 2-Butanone	4.532	43	408273	253.598	ug/l	97
26) 2,2-Dichloropropane	4.458	77	193760	49.494	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	142635	48.826	ug/l	99
28) Bromochloromethane	4.879	49	95782	46.586	ug/l	99
29) Tetrahydrofuran	4.983	42	245392	253.375	ug/l	99
30) Chloroform	5.074	83	231954	48.739	ug/l	99
31) Cyclohexane	5.458	56	180430	45.999	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	197711	48.978	ug/l	100
36) 1,1-Dichloropropene	5.678	75	151745	46.663	ug/l	99
37) Ethyl Acetate	4.690	43	171454	49.241	ug/l	98
38) Carbon Tetrachloride	5.659	117	165834	46.935	ug/l	95
39) Methylcyclohexane	7.360	83	179392	48.597	ug/l	98
40) Benzene	6.019	78	467748	47.357	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	90758	50.490	ug/l		98
42) 1,2-Dichloroethane	6.068	62	176131	46.867	ug/l		100
43) Isopropyl Acetate	6.318	43	280595	49.136	ug/l		100
44) Trichloroethene	7.104	130	114708	48.037	ug/l		98
45) 1,2-Dichloropropane	7.409	63	121532	48.053	ug/l		98
46) Dibromomethane	7.562	93	88297	47.976	ug/l		98
47) Bromodichloromethane	7.799	83	185219	48.769	ug/l		96
48) Methyl methacrylate	7.671	41	141532	49.757	ug/l		99
49) 1,4-Dioxane	7.641	88	31320	1089.520	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	809759	255.752	ug/l		100
52) Toluene	8.702	92	292879	48.130	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	191863	49.527	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	203954	49.257	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	112094	47.772	ug/l		98
56) Ethyl methacrylate	9.098	69	189741	51.490	ug/l		99
57) 1,3-Dichloropropane	9.293	76	197079	48.894	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	394205	225.562	ug/l		99
59) 2-Hexanone	9.415	43	575599	253.126	ug/l		99
60) Dibromochloromethane	9.506	129	134704	49.824	ug/l		99
61) 1,2-Dibromoethane	9.592	107	117817	49.297	ug/l		99
64) Tetrachloroethene	9.256	164	90881	48.296	ug/l		98
65) Chlorobenzene	10.061	112	318372	48.549	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	110416	48.794	ug/l		98
67) Ethyl Benzene	10.177	91	563634	49.813	ug/l		99
68) m/p-Xylenes	10.287	106	416757	98.956	ug/l		99
69) o-Xylene	10.622	106	204323	50.159	ug/l		99
70) Styrene	10.640	104	353567	49.536	ug/l		99
71) Bromoform	10.780	173	86524	51.207	ug/l	#	98
73) Isopropylbenzene	10.945	105	523826	49.479	ug/l		100
74) N-amyl acetate	10.823	43	243198	50.375	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	159676	49.851	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	149779m	53.124	ug/l		
77) Bromobenzene	11.183	156	125610	48.173	ug/l		98
78) n-propylbenzene	11.286	91	616928	49.295	ug/l		99
79) 2-Chlorotoluene	11.347	91	376486	49.117	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	435375	50.055	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	55880	50.543	ug/l		99
82) 4-Chlorotoluene	11.433	91	445075	49.164	ug/l		100
83) tert-Butylbenzene	11.695	119	442341	49.679	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	440134	49.911	ug/l		99
85) sec-Butylbenzene	11.872	105	529869	50.100	ug/l		100
86) p-Isopropyltoluene	11.994	119	446441	49.861	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	237383	49.014	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	243618	49.011	ug/l		99
89) n-Butylbenzene	12.317	91	420478	50.752	ug/l		100
90) Hexachloroethane	12.518	117	79751	50.732	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	227493	49.304	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33020	50.918	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	153333	51.133	ug/l		100
94) Hexachlorobutadiene	13.707	225	53099	52.131	ug/l		99
95) Naphthalene	13.756	128	464206	50.836	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	142413	51.054	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

ICAL Form

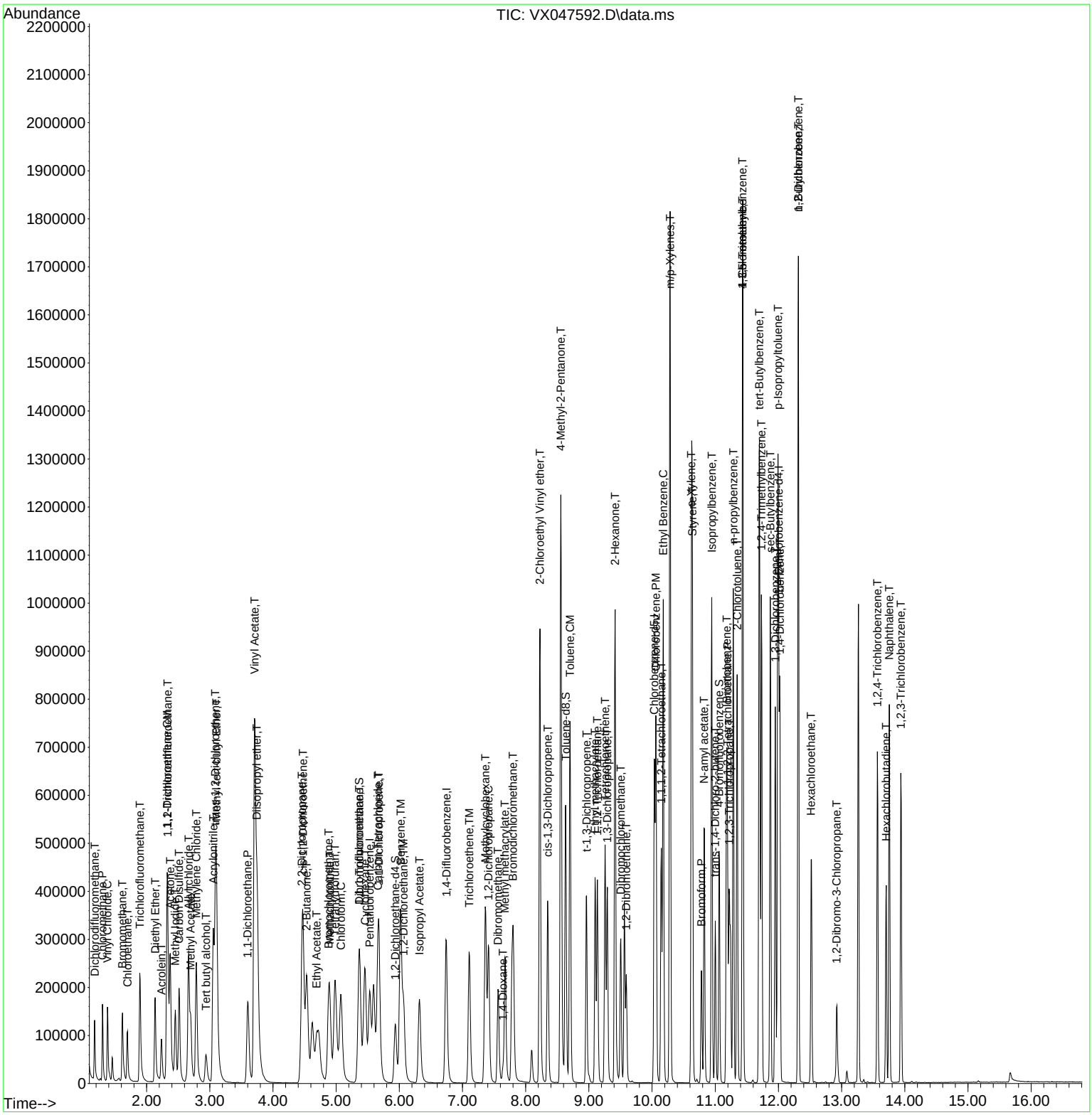
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

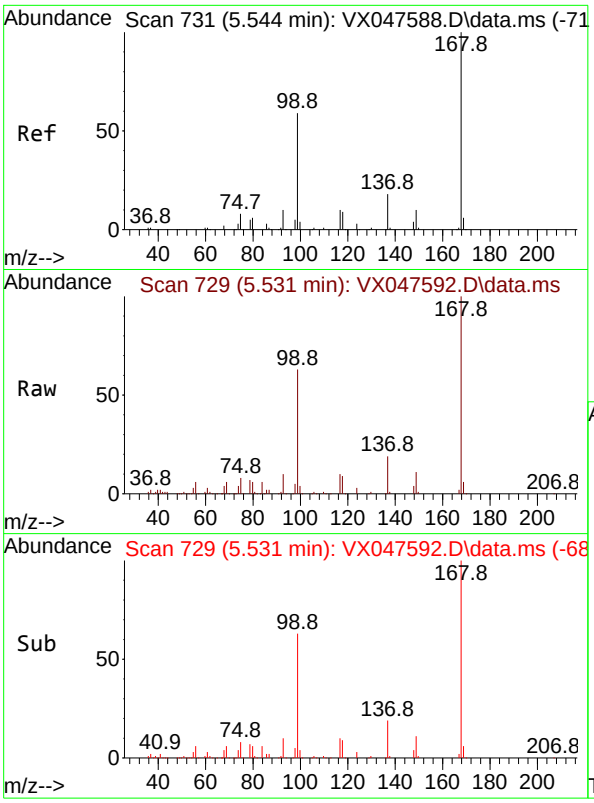
Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

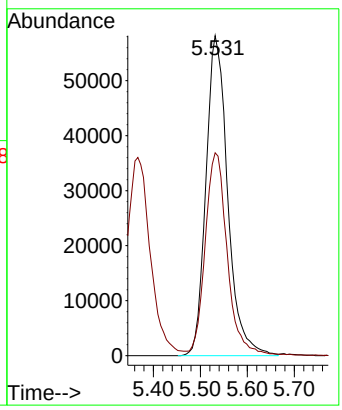




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:168 Resp: 18648

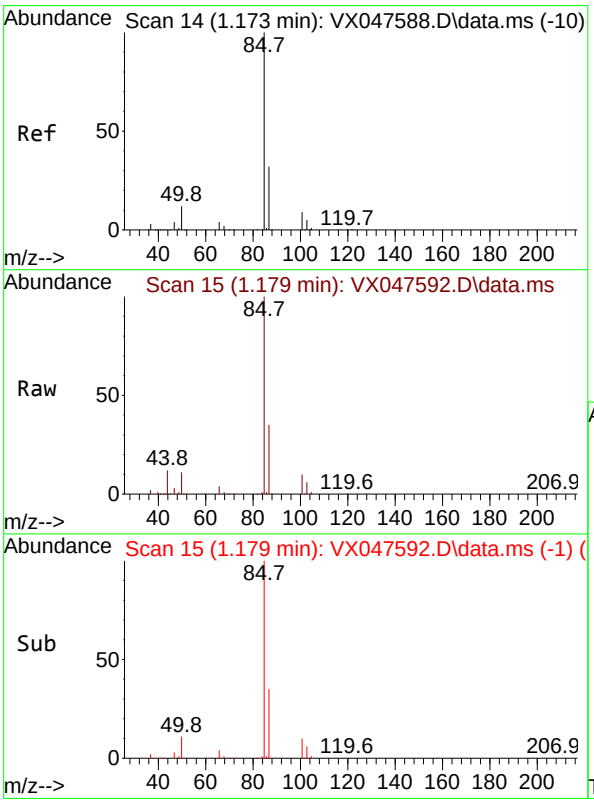
Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

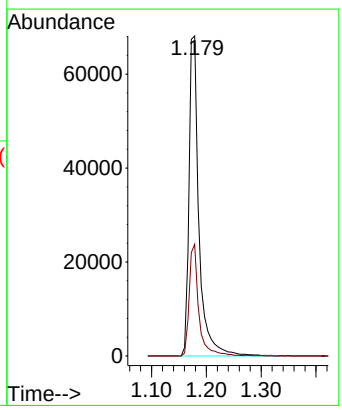
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

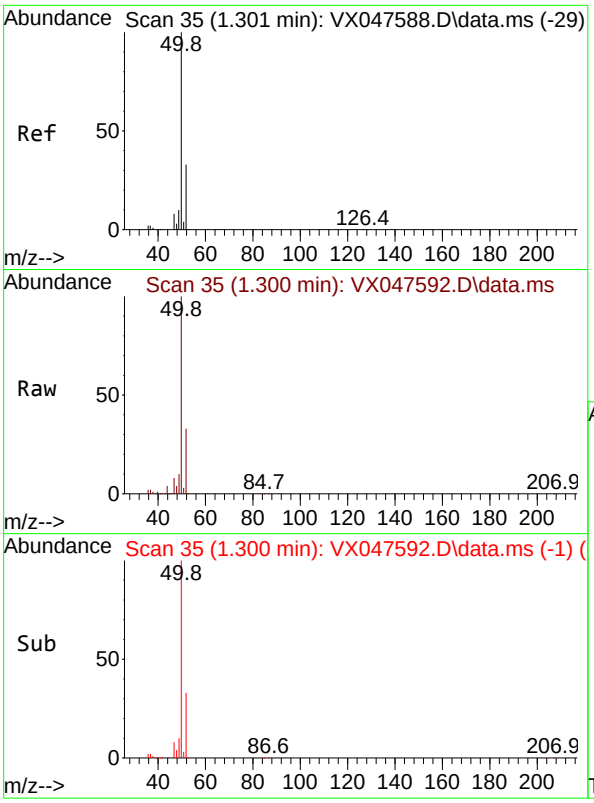


#2
Dichlorodifluoromethane
Concen: 44.592 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 85 Resp: 86110

Ion	Ratio	Lower	Upper
85	100		
87	34.9	15.8	47.3

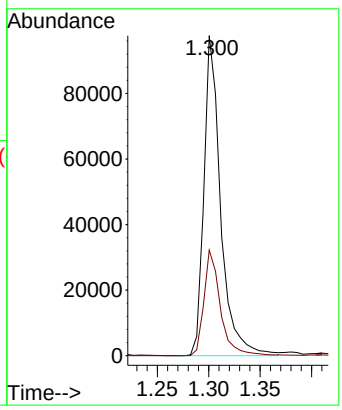




#3
Chloromethane
Concen: 43.710 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 50 Resp: 11093

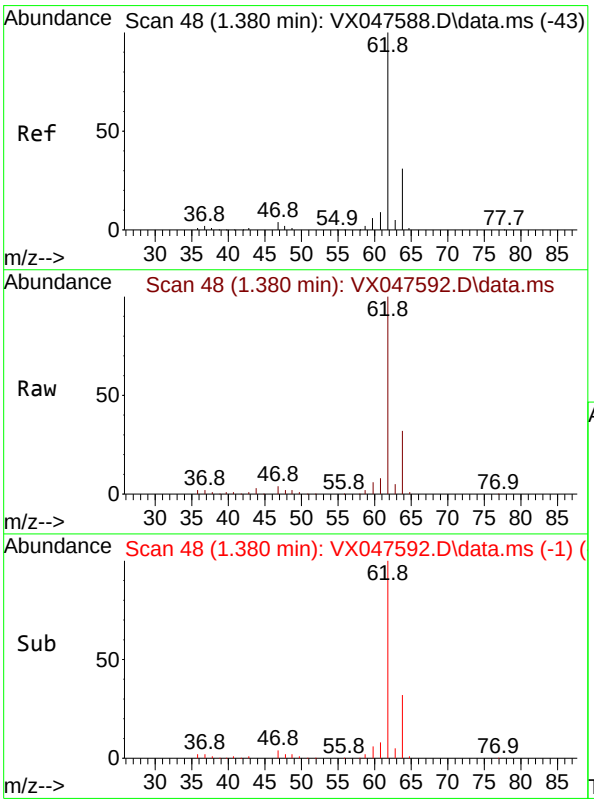
Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

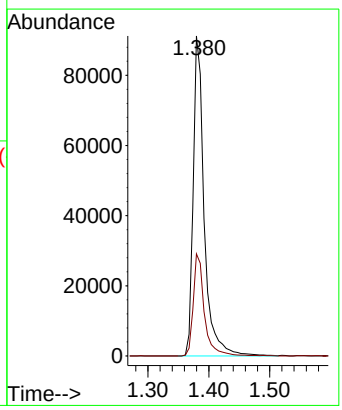
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

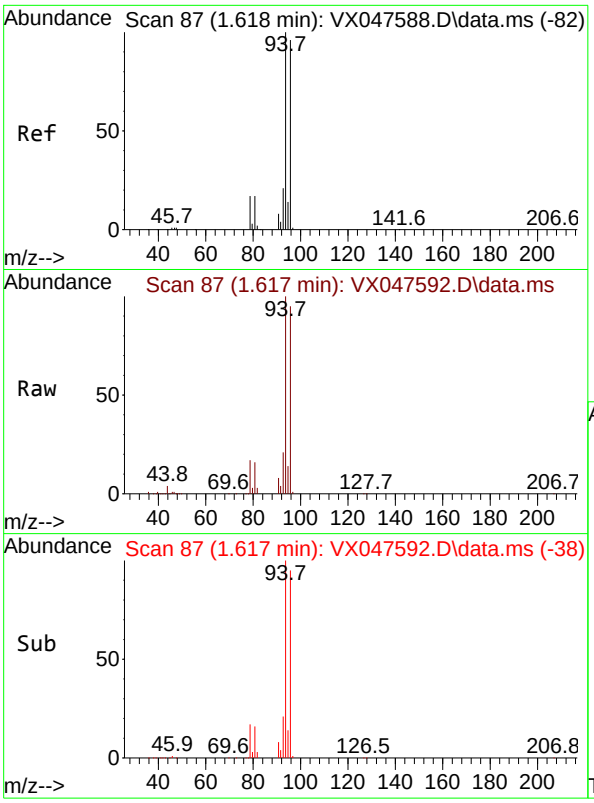


#4
Vinyl Chloride
Concen: 45.783 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 113742

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.9	37.3

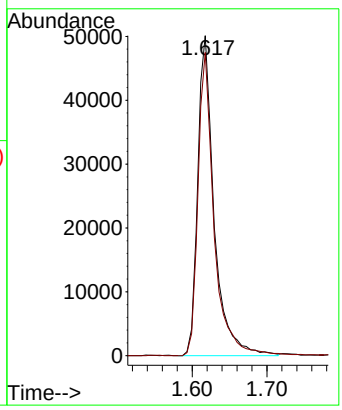




#5
Bromomethane
Concen: 48.489 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 94 Resp: 7638

Ion	Ratio	Lower	Upper
94	100		
96	94.7	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
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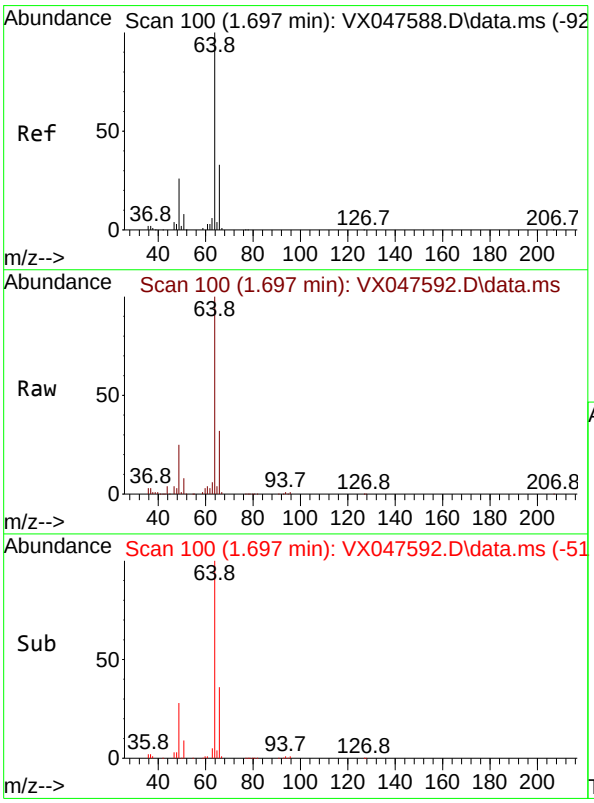
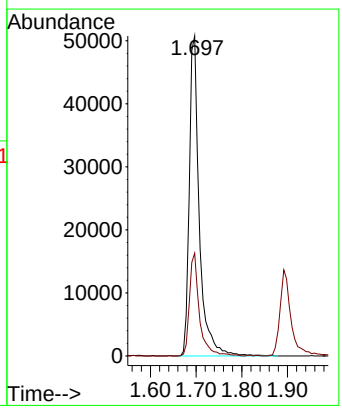
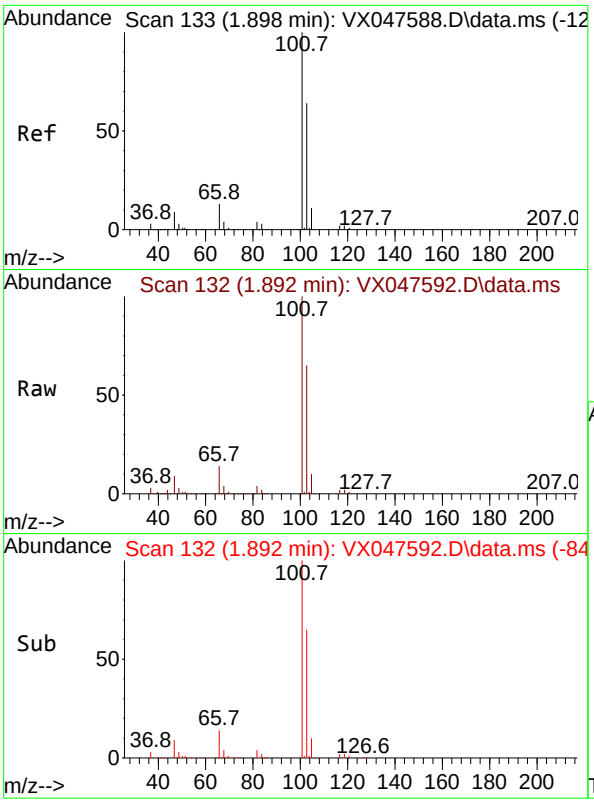


#6
Chloroethane
Concen: 46.575 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 64 Resp: 77337

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.1	39.1





#7
Trichlorofluoromethane
Concen: 47.074 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:101 Resp: 17364

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.4	77.2

Instrument :
MSVOA_X
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ICVVX091625

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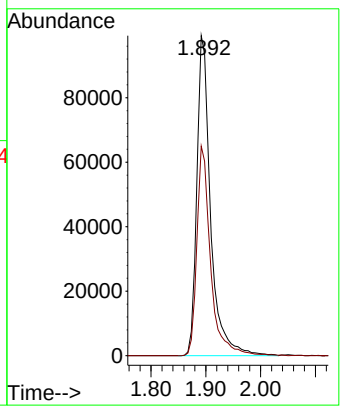
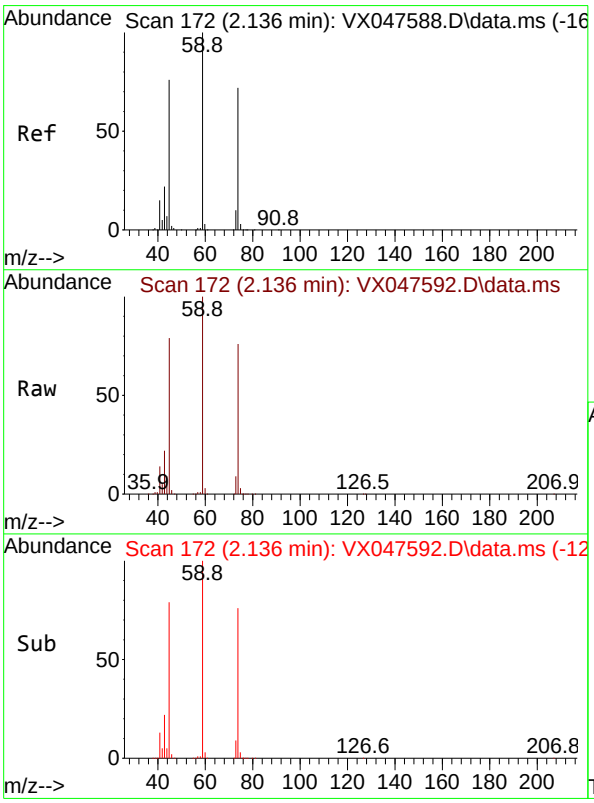
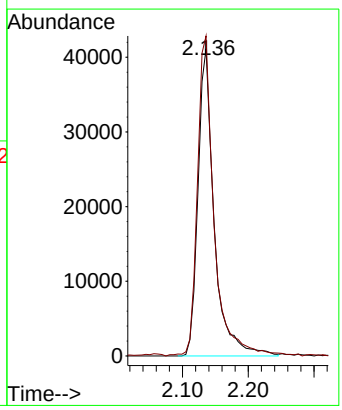


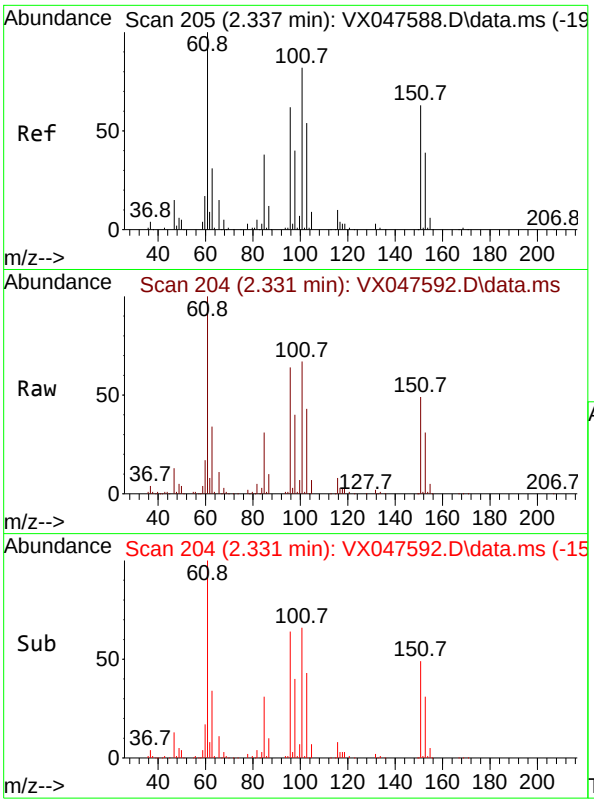


#8
Diethyl Ether
Concen: 46.693 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 74 Resp: 70459

Ion	Ratio	Lower	Upper
74	100		
45	107.1	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.524 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:101 Resp: 10466

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.5	53.3
151	73.3	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
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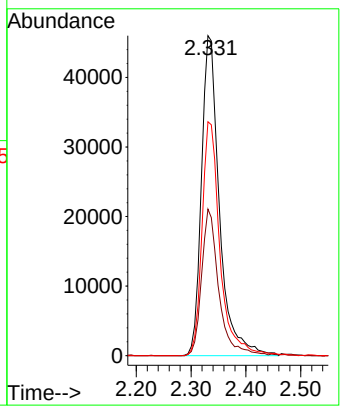
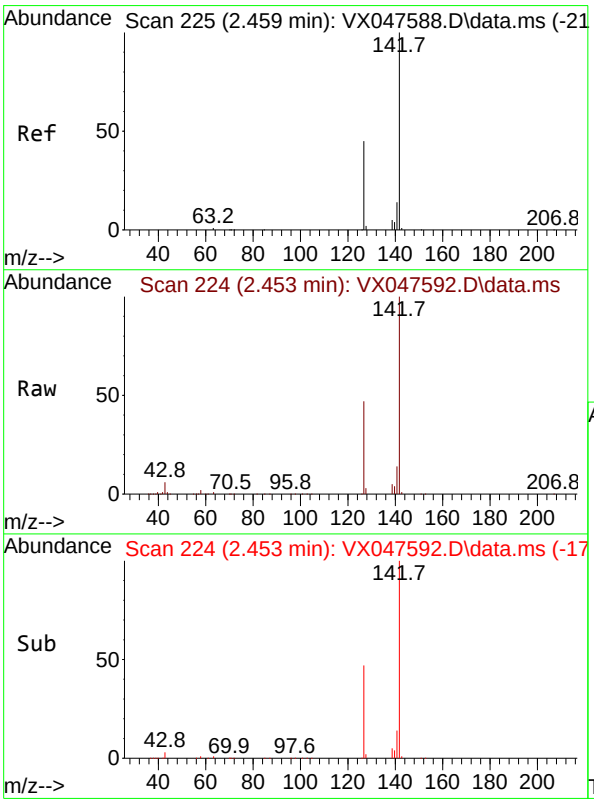
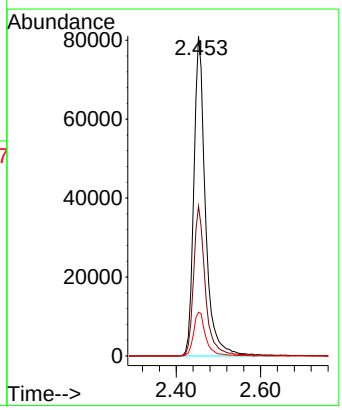


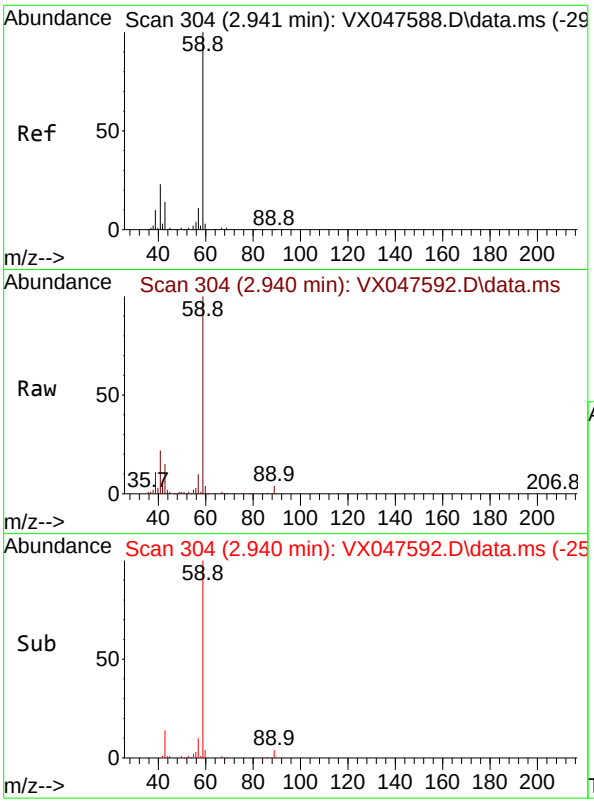


#10
Methyl Iodide
Concen: 46.210 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:142 Resp: 155450

Ion	Ratio	Lower	Upper
142	100		
127	47.6	37.2	55.8
141	14.4	11.4	17.0





#11
Tert butyl alcohol
Concen: 256.271 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 59 Resp: 8472

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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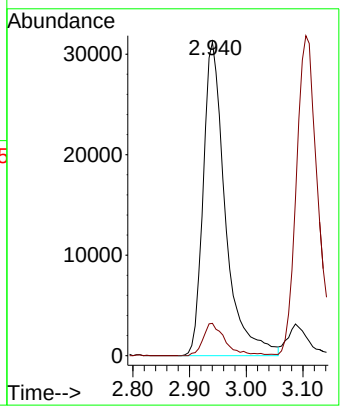
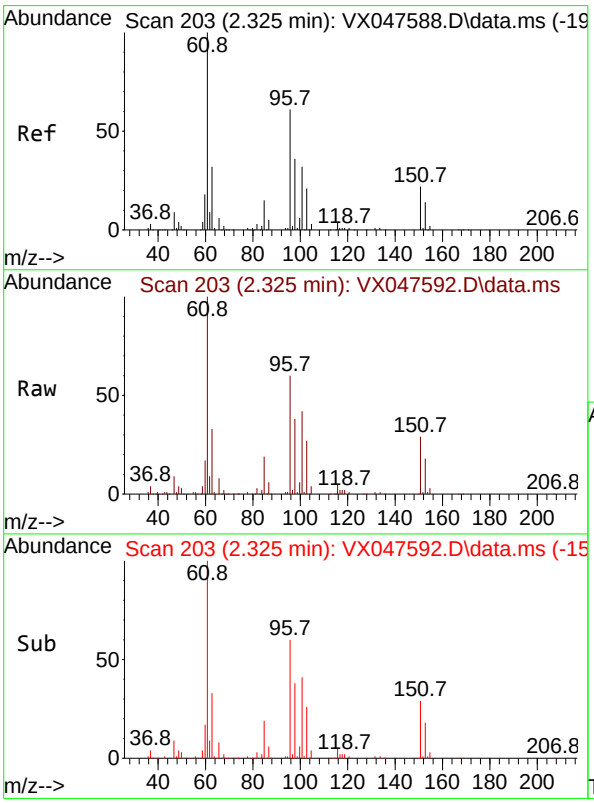
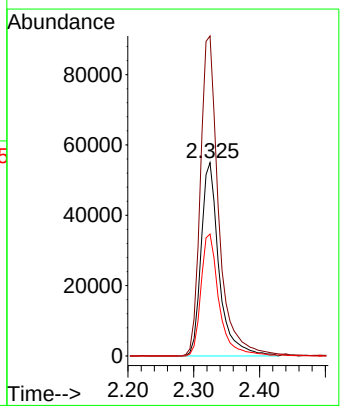


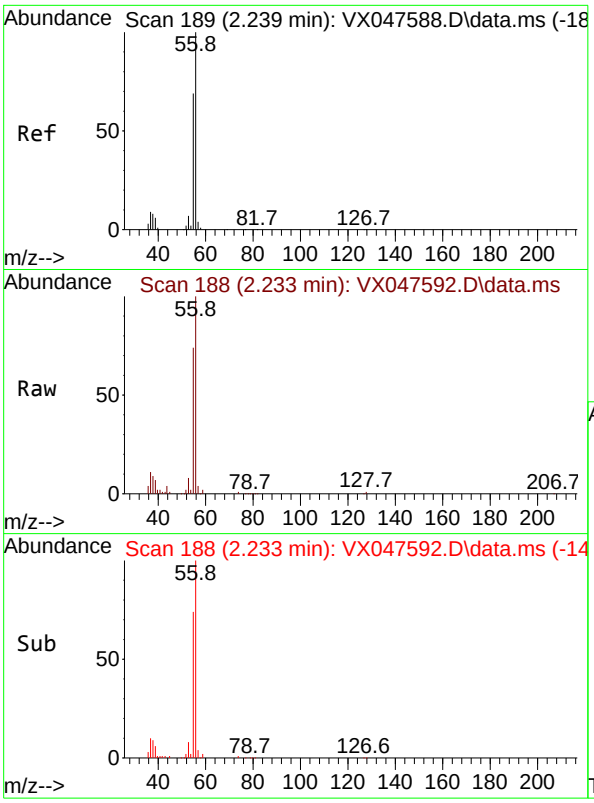


#12
1,1-Dichloroethene
Concen: 47.076 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 96 Resp: 104302

Ion	Ratio	Lower	Upper
96	100		
61	165.6	131.0	196.6
98	63.1	47.7	71.5

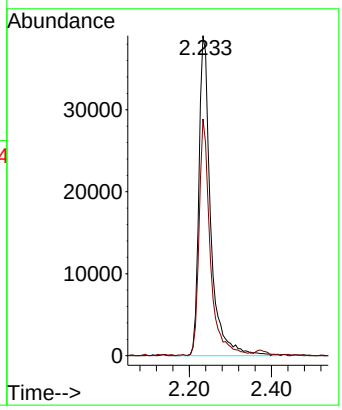




#13
Acrolein
Concen: 254.867 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 56 Resp: 7764

Ion	Ratio	Lower	Upper
56	100		
55	70.3	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
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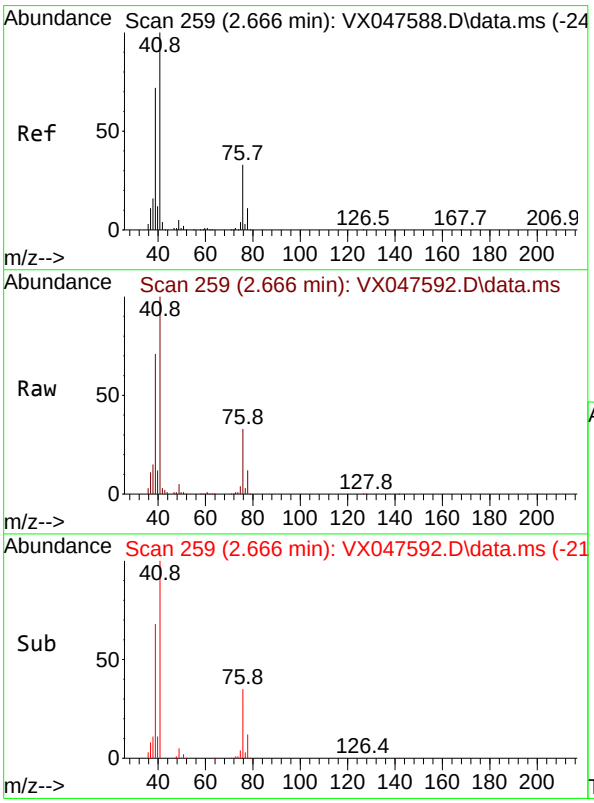
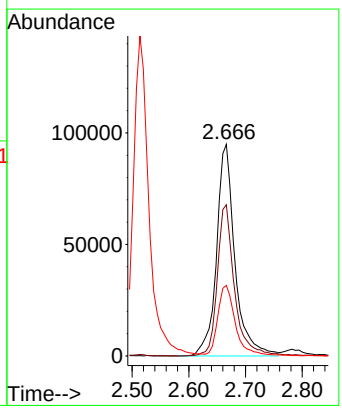
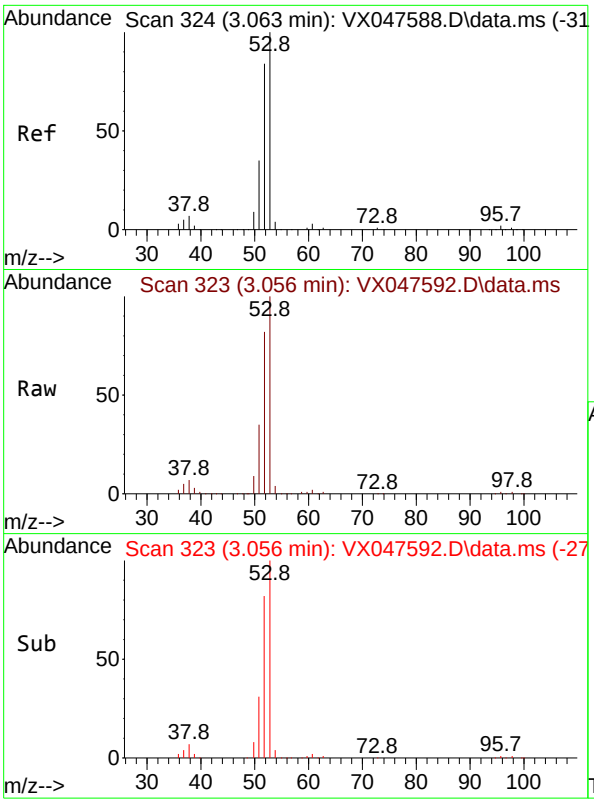


#14
Allyl chloride
Concen: 46.742 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 213704

Ion	Ratio	Lower	Upper
41	100		
39	67.2	54.7	82.1
76	31.7	25.7	38.5

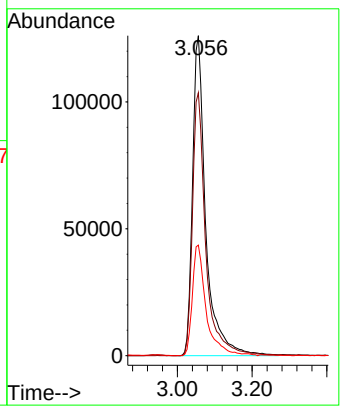




#15
Acrylonitrile
Concen: 253.567 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 53 Resp: 31050

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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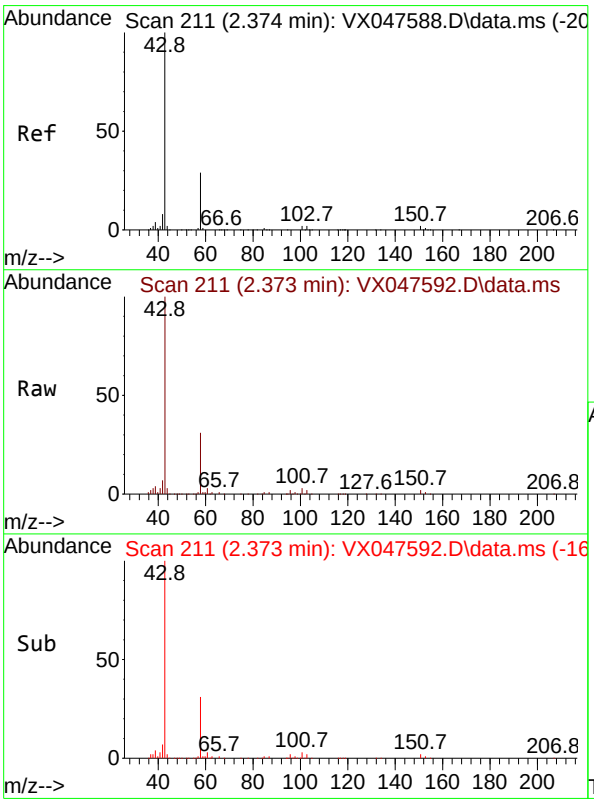
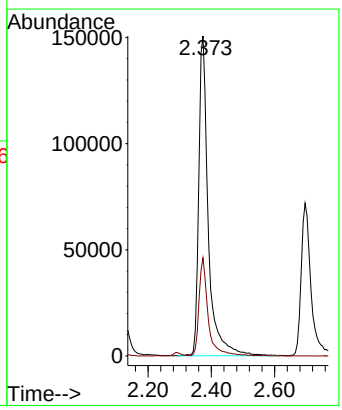
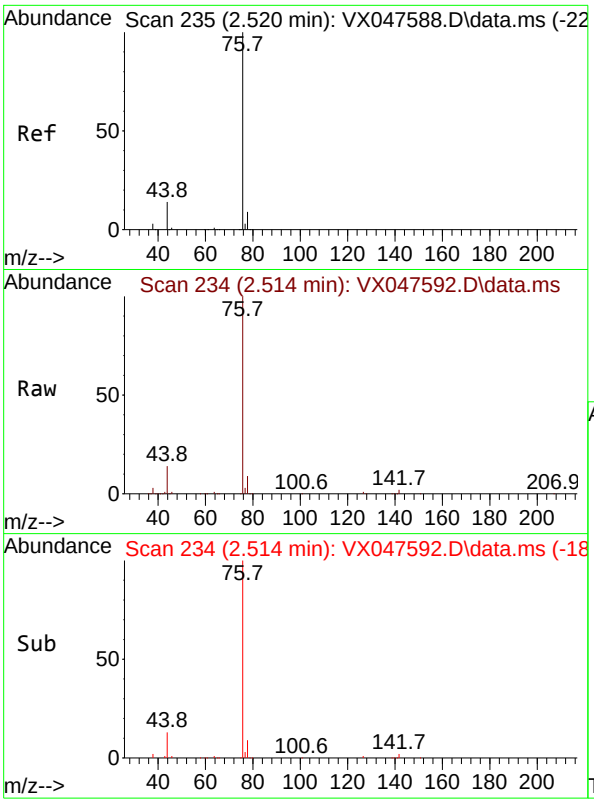


#16
Acetone
Concen: 245.006 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 316217

Ion	Ratio	Lower	Upper
43	100		
58	30.6	23.4	35.0





#17
Carbon Disulfide
Concen: 44.966 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 76 Resp: 27274

Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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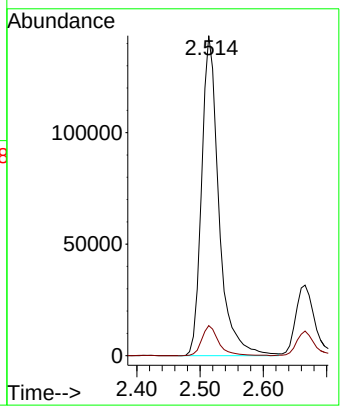
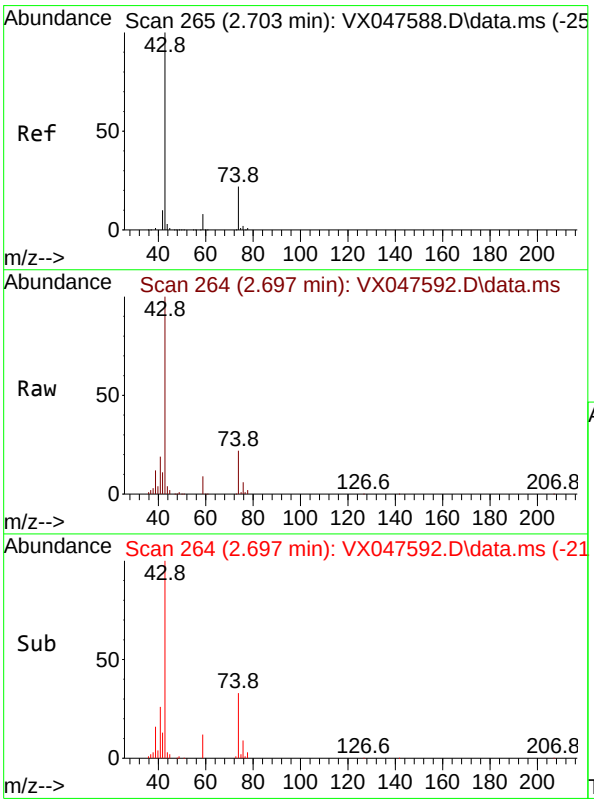
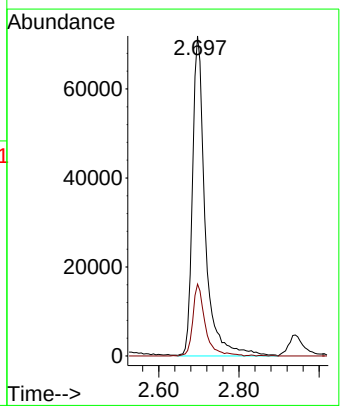


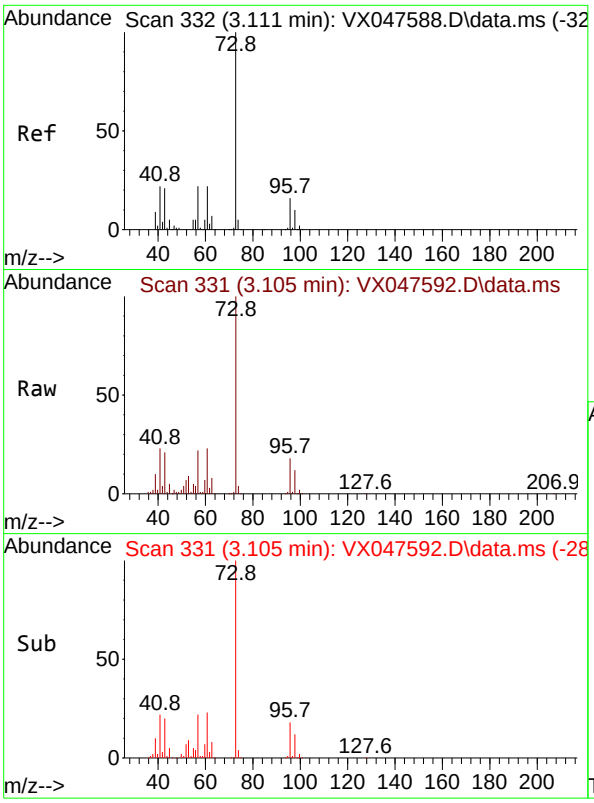


#18
Methyl Acetate
Concen: 55.175 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 158480

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

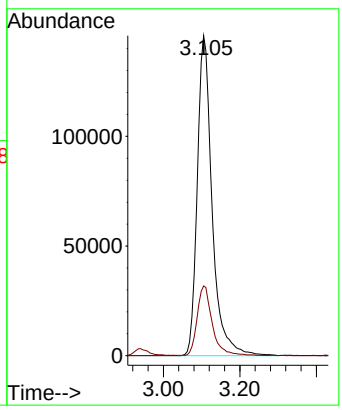




#19
Methyl tert-butyl Ether
Concen: 48.538 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 73 Resp: 39257

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
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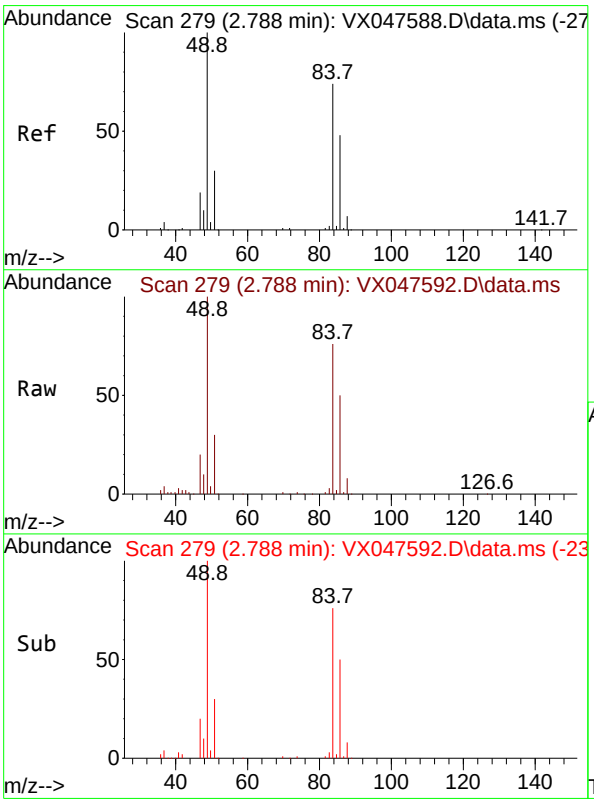
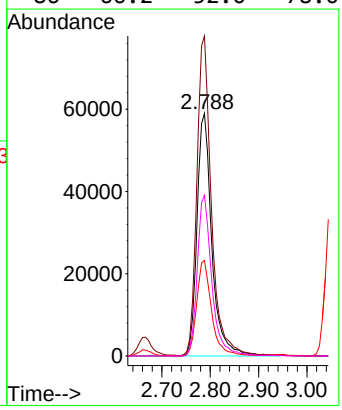
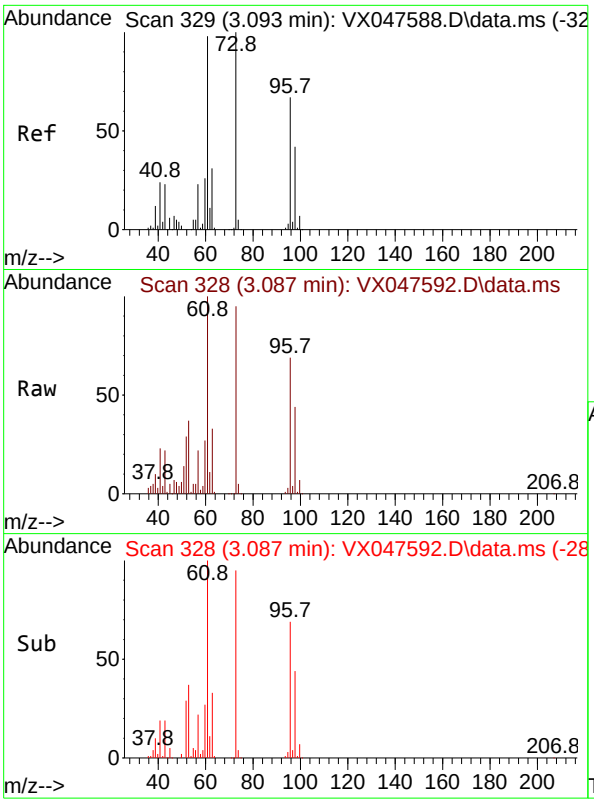


#20
Methylene Chloride
Concen: 46.000 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 84 Resp: 125669

Ion	Ratio	Lower	Upper
84	100		
49	131.8	108.6	162.8
51	39.4	32.6	48.8
86	66.2	52.0	78.0

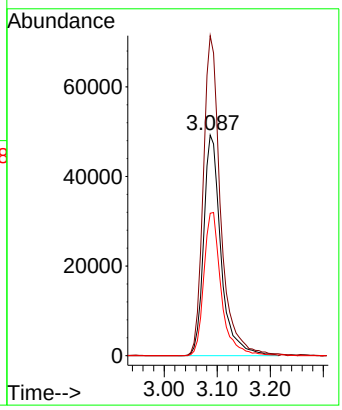




#21
trans-1,2-Dichloroethene
Concen: 46.709 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 96 Resp: 11141

Ion	Ratio	Lower	Upper
96	100		
61	145.1	116.2	174.2
98	64.5	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
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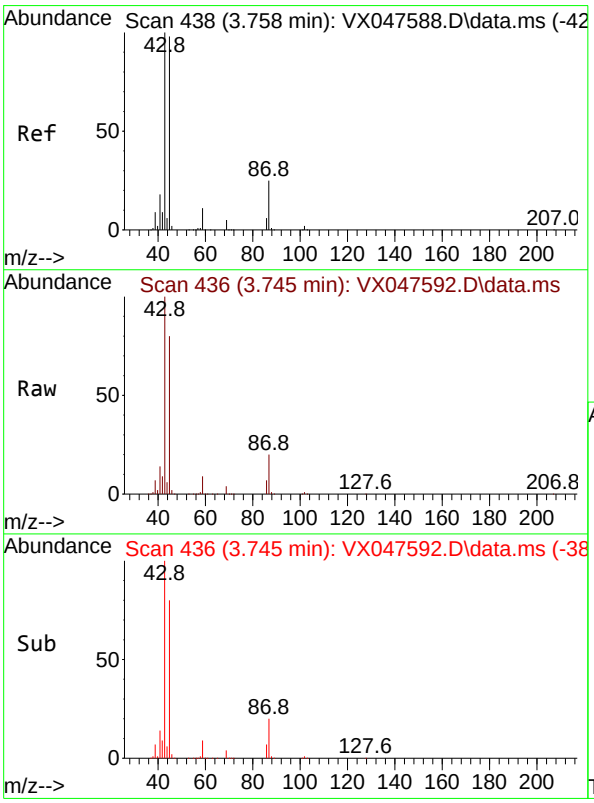
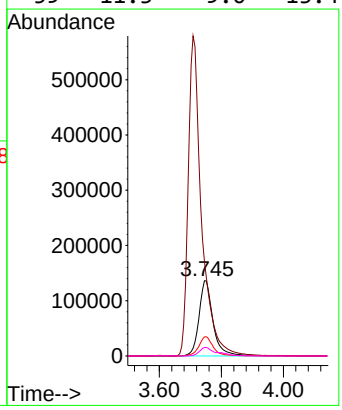
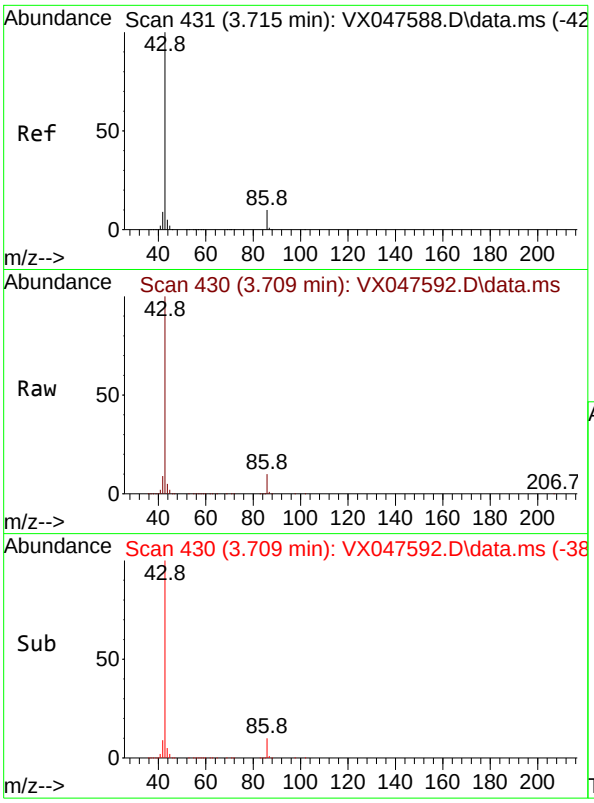


#22
Diisopropyl ether
Concen: 48.174 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 45 Resp: 426854

Ion	Ratio	Lower	Upper
45	100		
43	124.9	81.0	121.4#
87	25.2	20.3	30.5
59	11.3	9.0	13.4

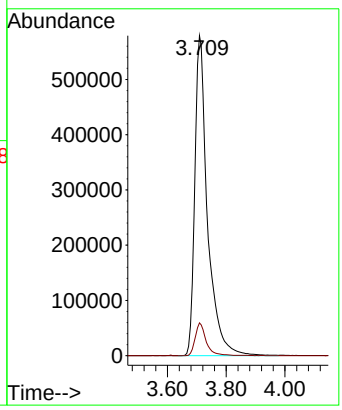




#23
Vinyl Acetate
Concen: 245.539 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 174126

Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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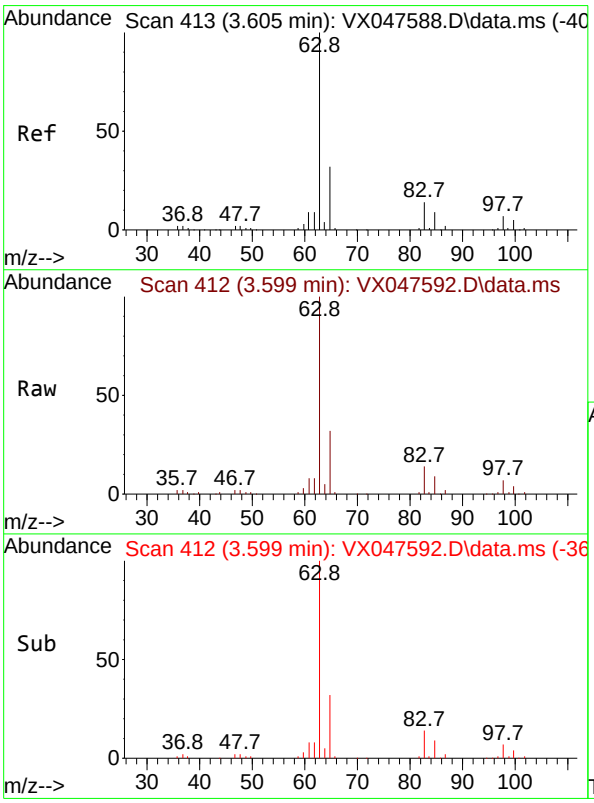
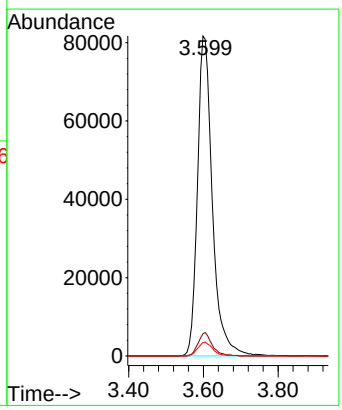
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

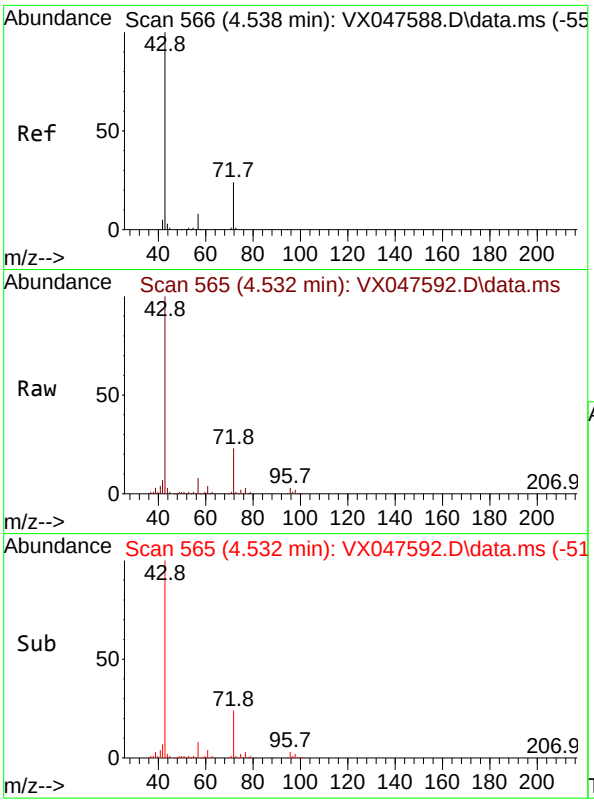


#24
1,1-Dichloroethane
Concen: 48.041 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 226249

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.2
100	4.4	2.3	6.9





#25
2-Butanone
Concen: 253.598 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 40827

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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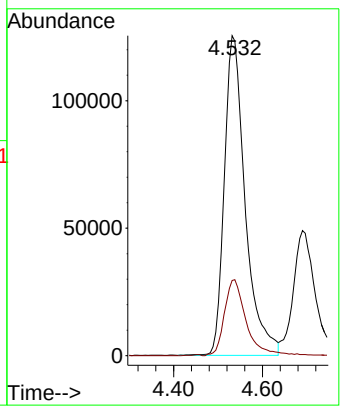
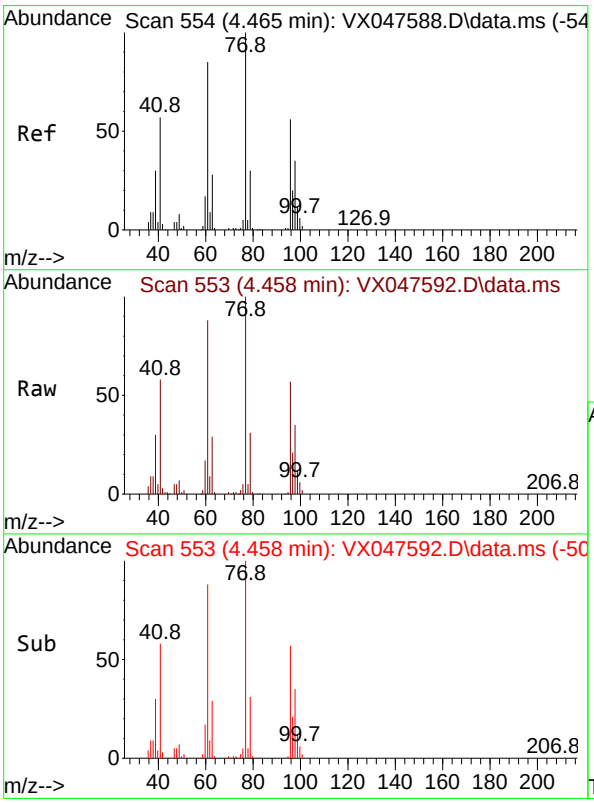
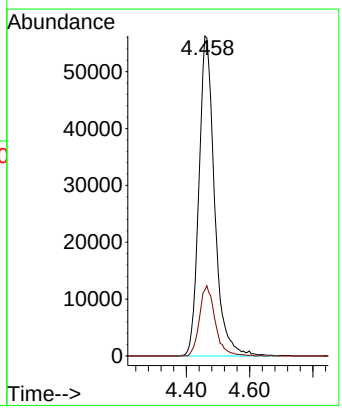


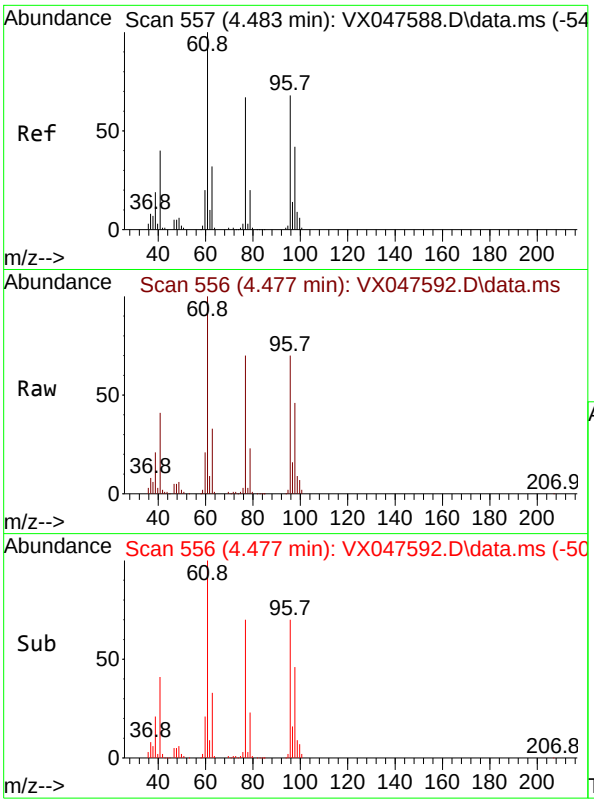


#26
2,2-Dichloropropane
Concen: 49.494 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 77 Resp: 193760

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7

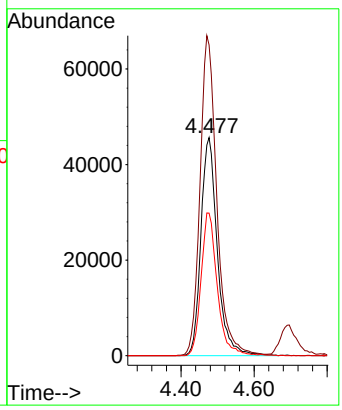




#27
cis-1,2-Dichloroethene
Concen: 48.826 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 96 Resp: 14263

Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	303.2
98	64.3	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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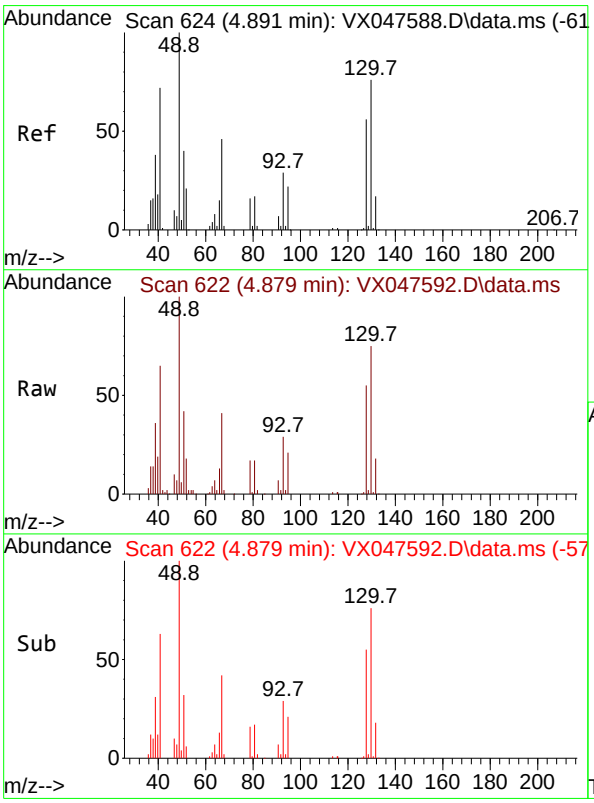
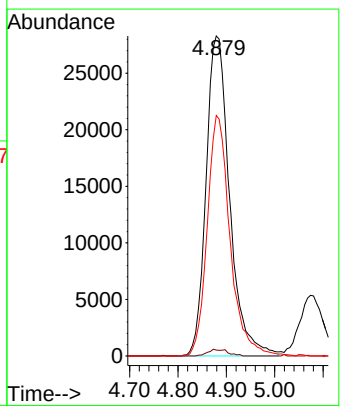
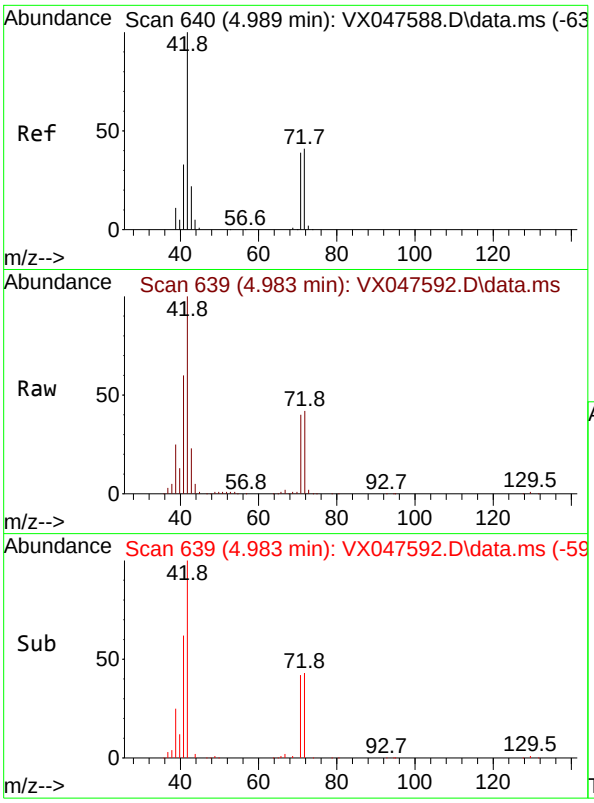


#28
Bromochloromethane
Concen: 46.586 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 49 Resp: 95782

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	72.9	57.8	86.8

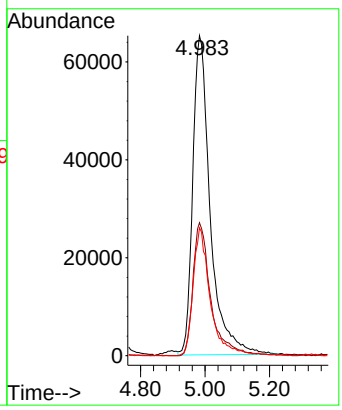




#29
Tetrahydrofuran
Concen: 253.375 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 42 Resp: 24539

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	38.9	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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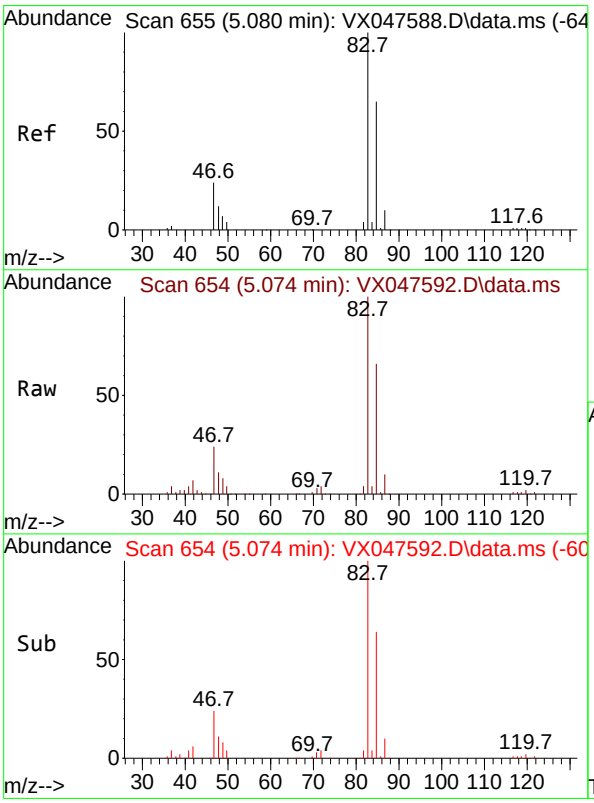
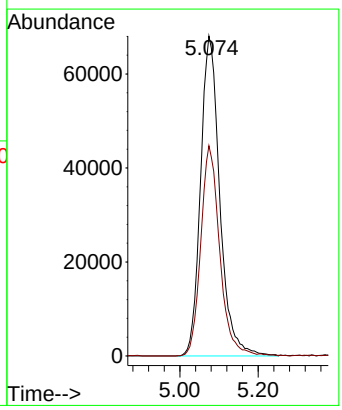
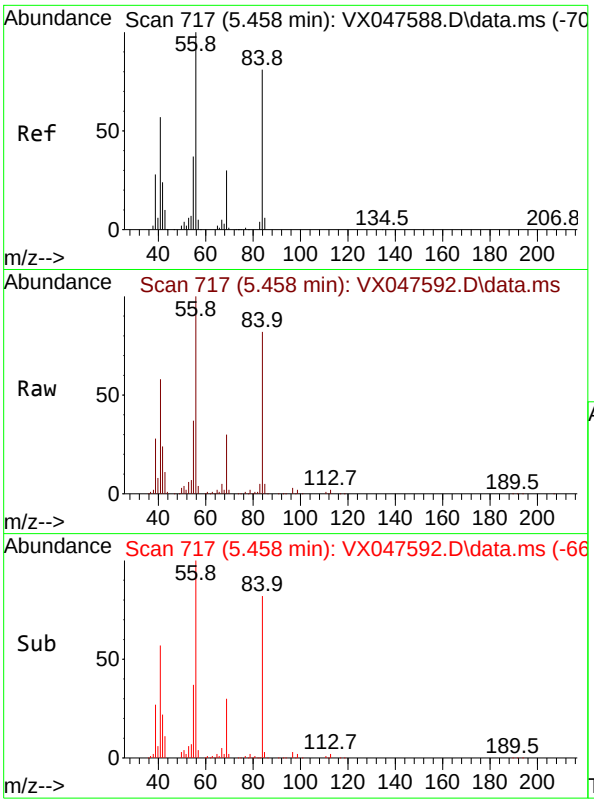


#30
Chloroform
Concen: 48.739 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 231954

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6

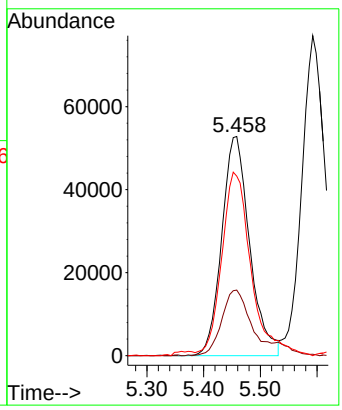




#31
Cyclohexane
Concen: 45.999 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 56 Resp: 18043

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.8
84	80.3	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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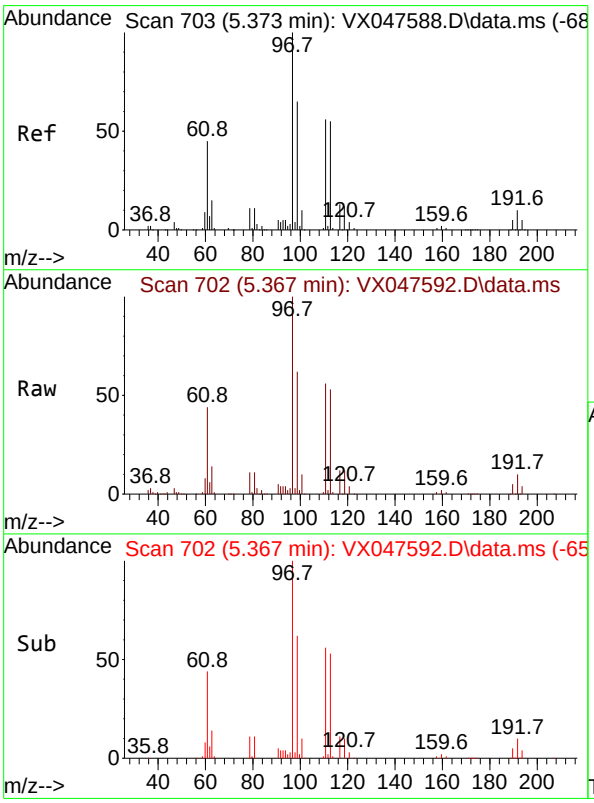
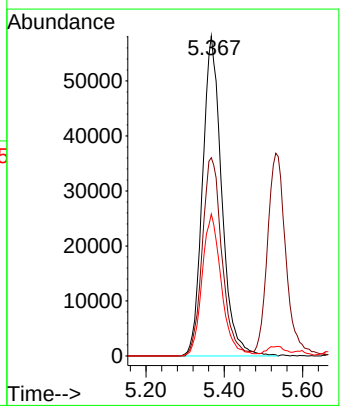
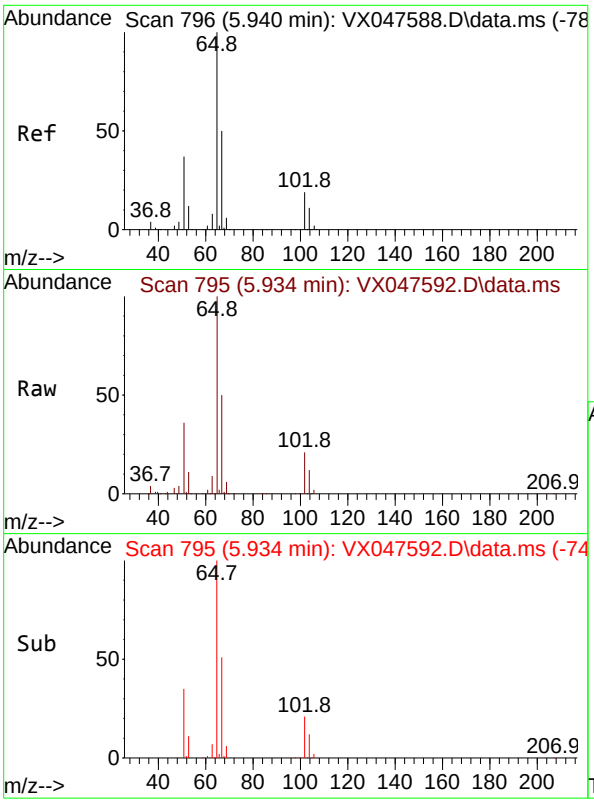


#32
1,1,1-Trichloroethane
Concen: 48.978 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 97 Resp: 197711

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	44.6	35.8	53.8

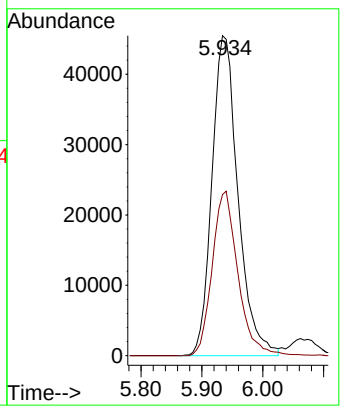




#33
1,2-Dichloroethane-d4
Concen: 45.550 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 65 Resp: 13520

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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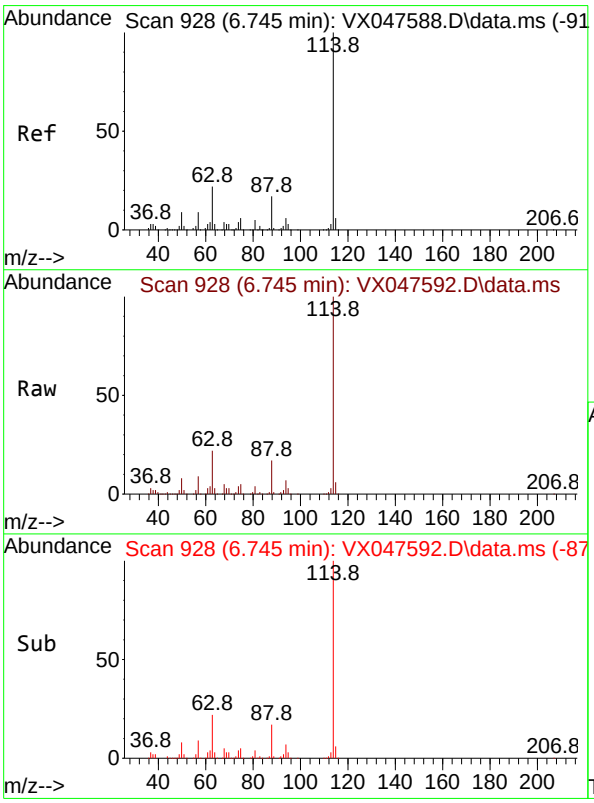
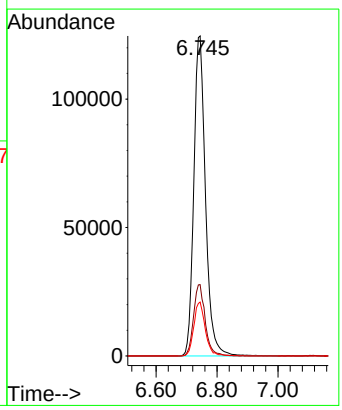
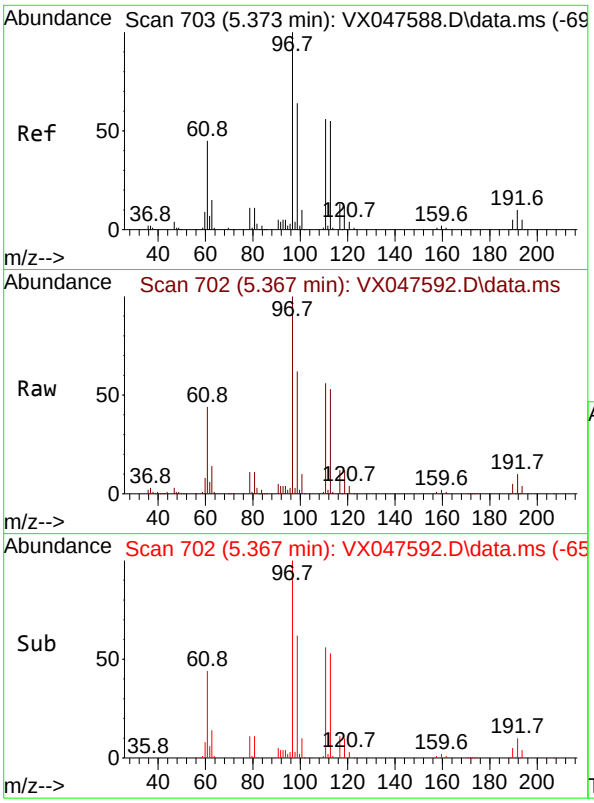


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:114 Resp: 331837

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2

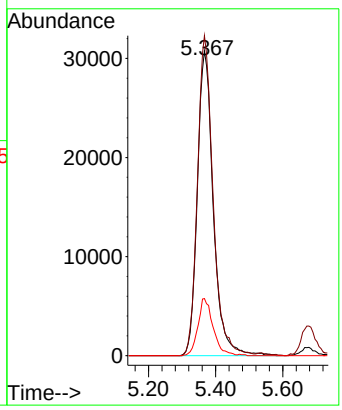




#35
Dibromofluoromethane
Concen: 45.559 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:113 Resp: 10139

Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.9	121.3
192	17.9	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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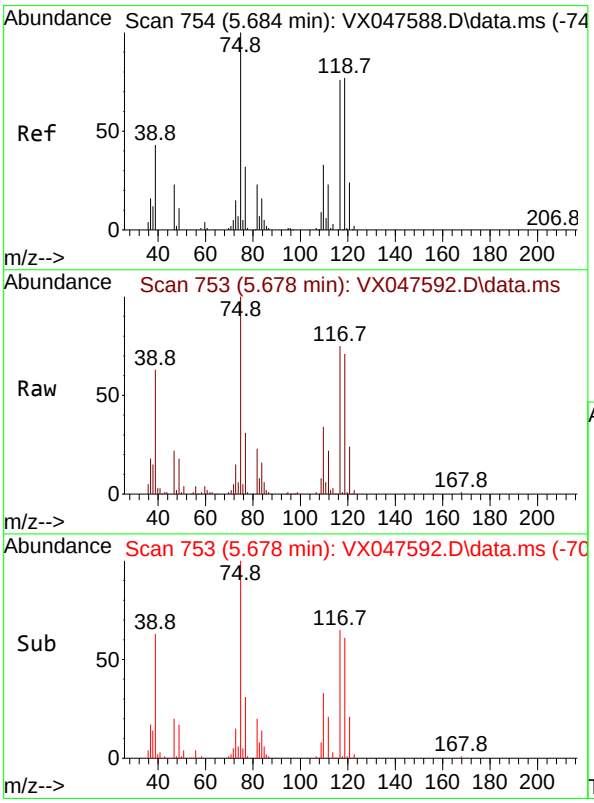
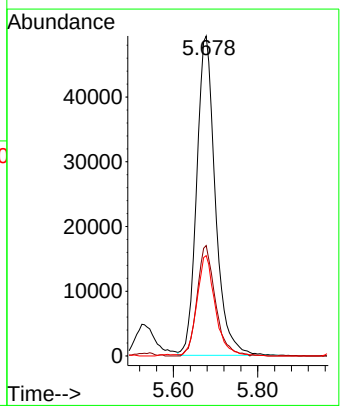
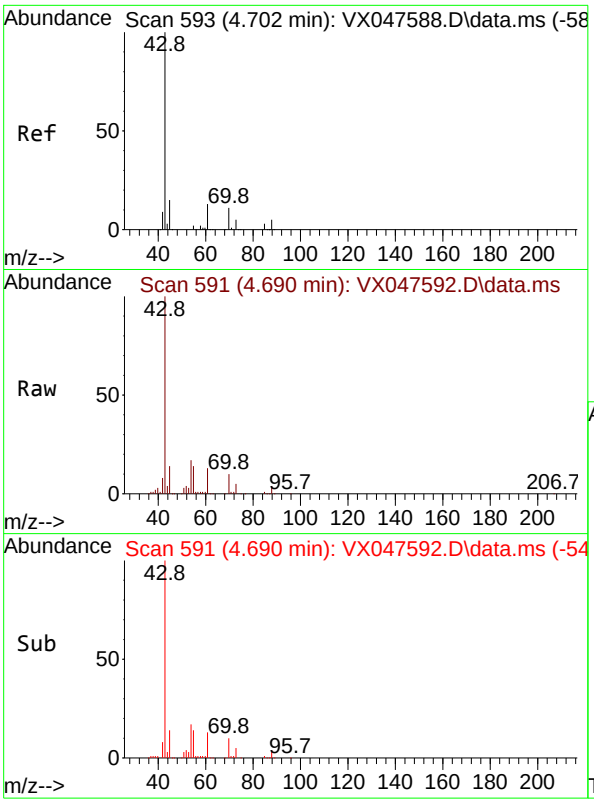


#36
1,1-Dichloropropene
Concen: 46.663 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 151745

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	31.0	24.3	36.5





#37
Ethyl Acetate
Concen: 49.241 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 17145

Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.8	14.8
70	9.8	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
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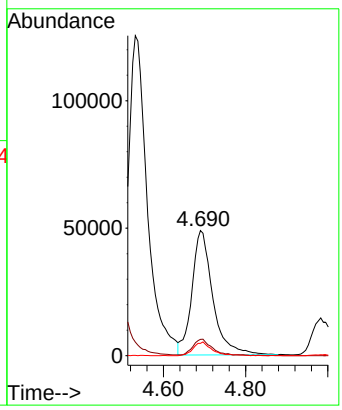
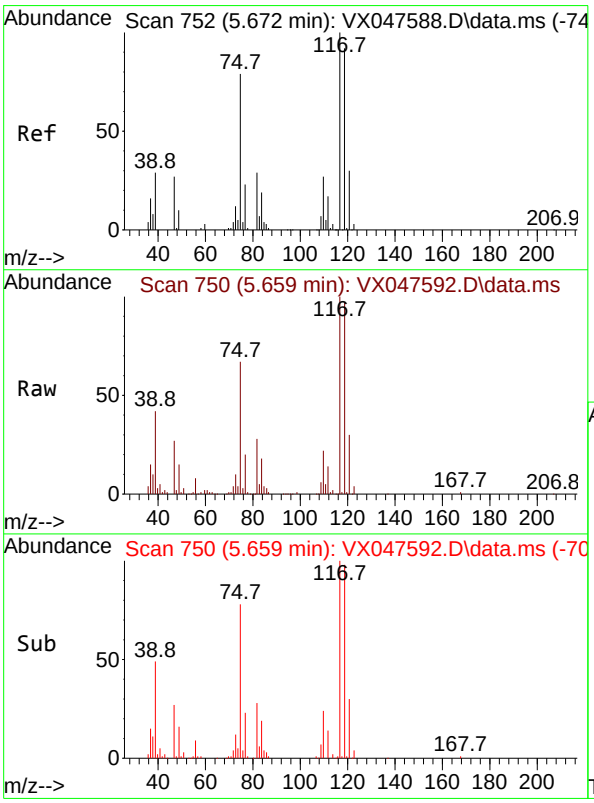
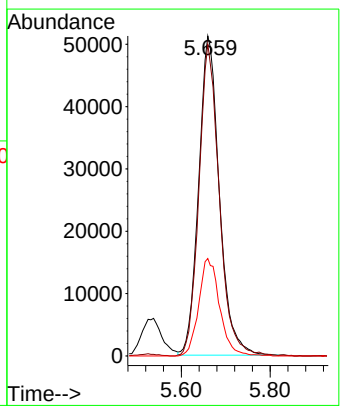


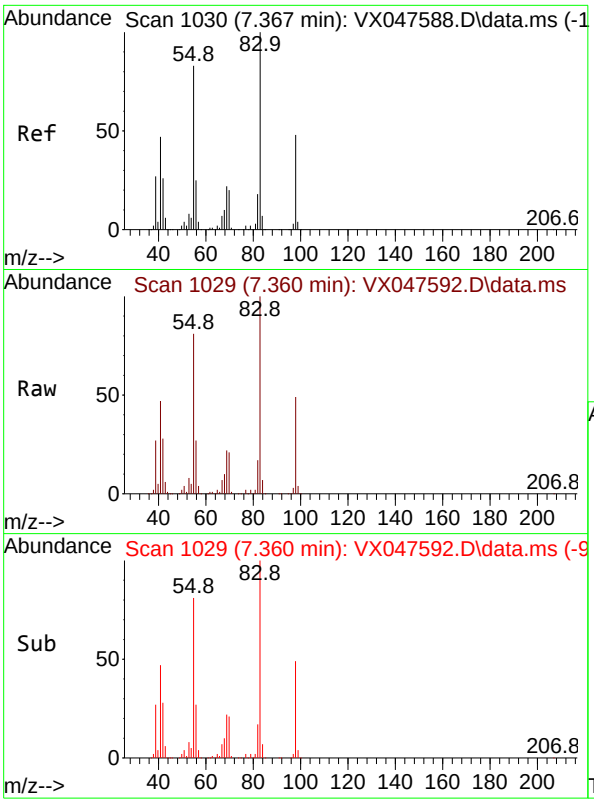


#38
Carbon Tetrachloride
Concen: 46.935 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 165834

Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.4	110.2
121	30.5	23.8	35.6

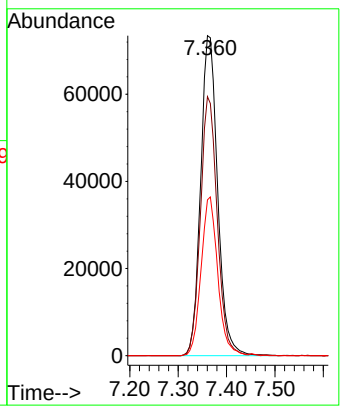




#39
Methylcyclohexane
Concen: 48.597 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 17939

Ion	Ratio	Lower	Upper
83	100		
55	81.0	66.4	99.6
98	48.7	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
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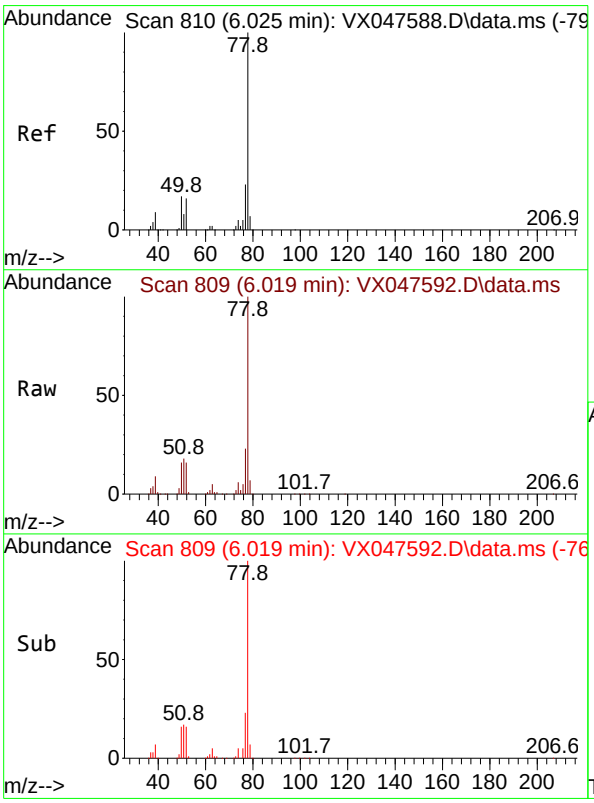
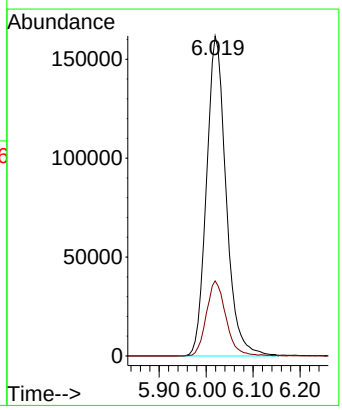
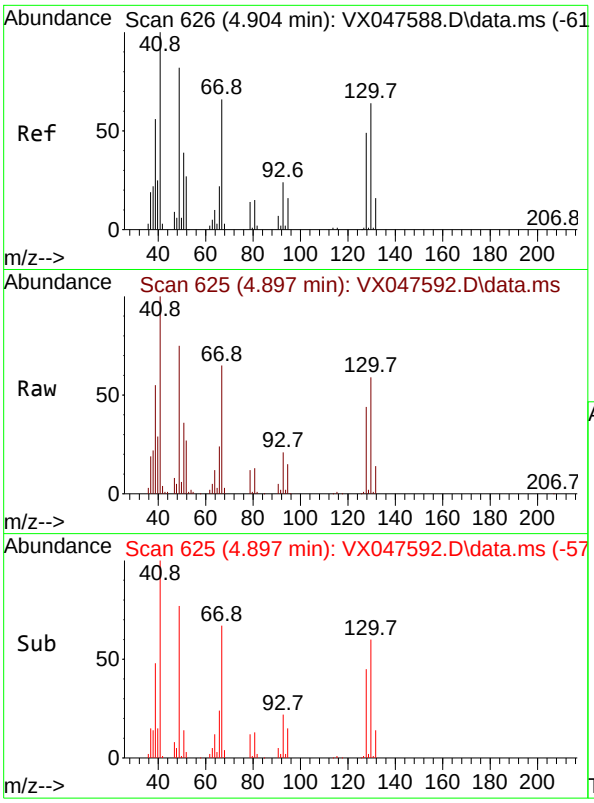


#40
Benzene
Concen: 47.357 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 78 Resp: 467748

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

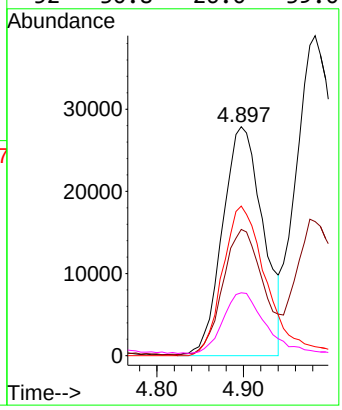




#41
Methacrylonitrile
Concen: 50.490 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 9075

Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.3	64.9
67	72.5	58.6	87.8
52	30.8	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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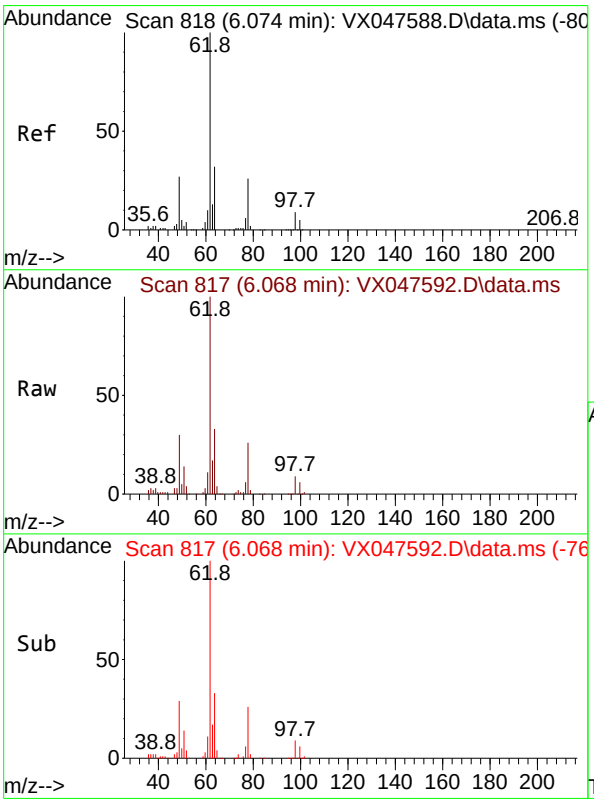
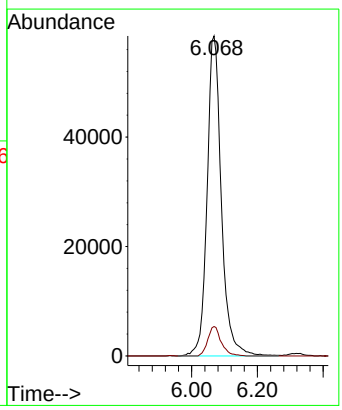
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

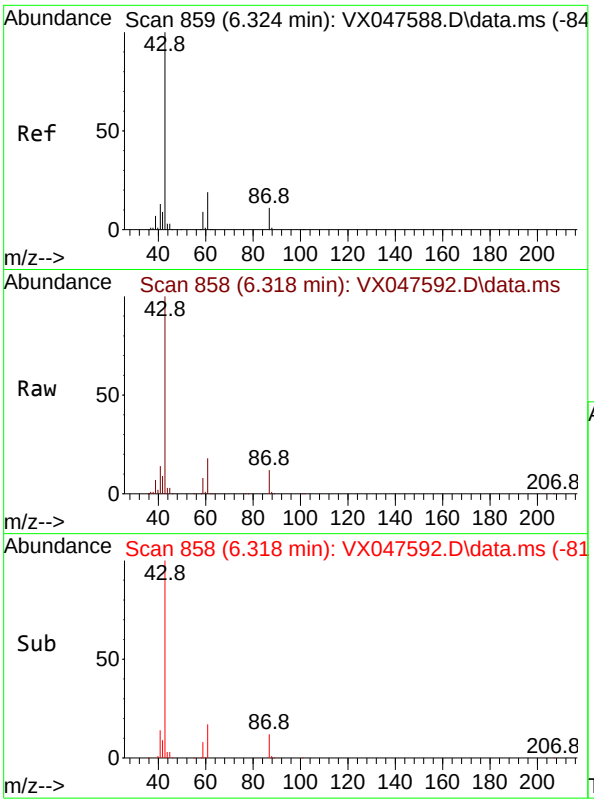


#42
1,2-Dichloroethane
Concen: 46.867 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 176131

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

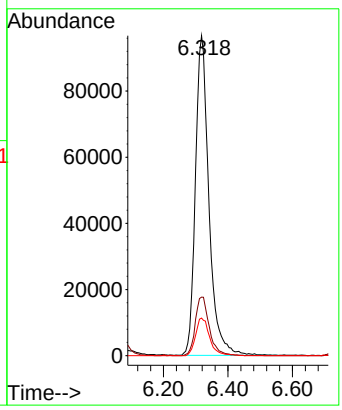




#43
Isopropyl Acetate
Concen: 49.136 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 28059

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.2	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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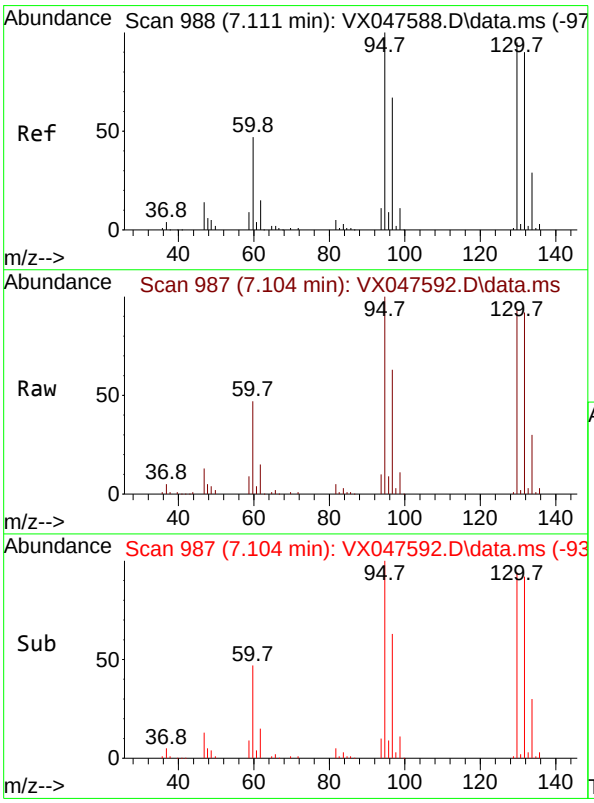
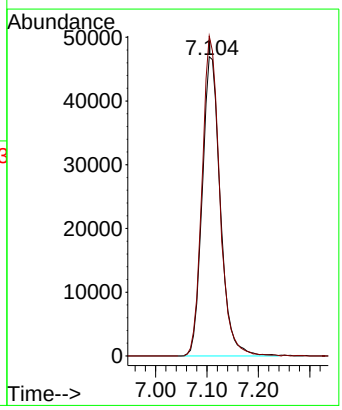
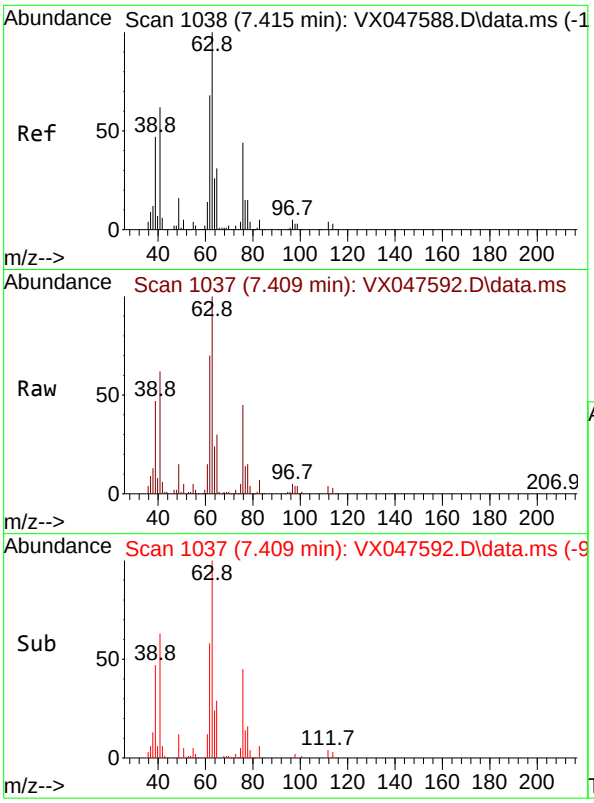


#44
Trichloroethene
Concen: 48.037 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:130 Resp: 114708

Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	210.8





#45
1,2-Dichloropropane
Concen: 48.053 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 12153

Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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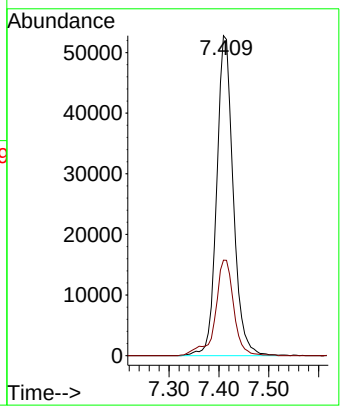
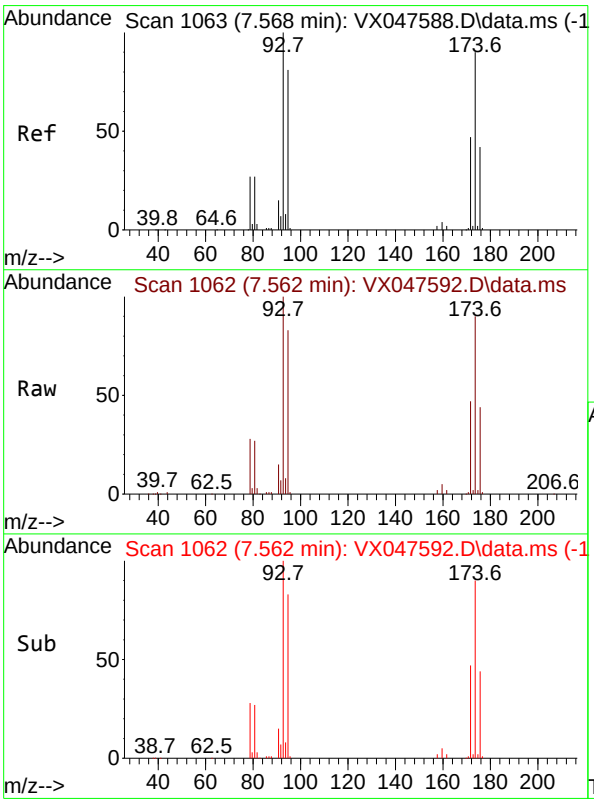
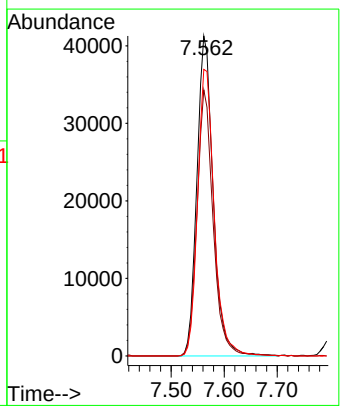


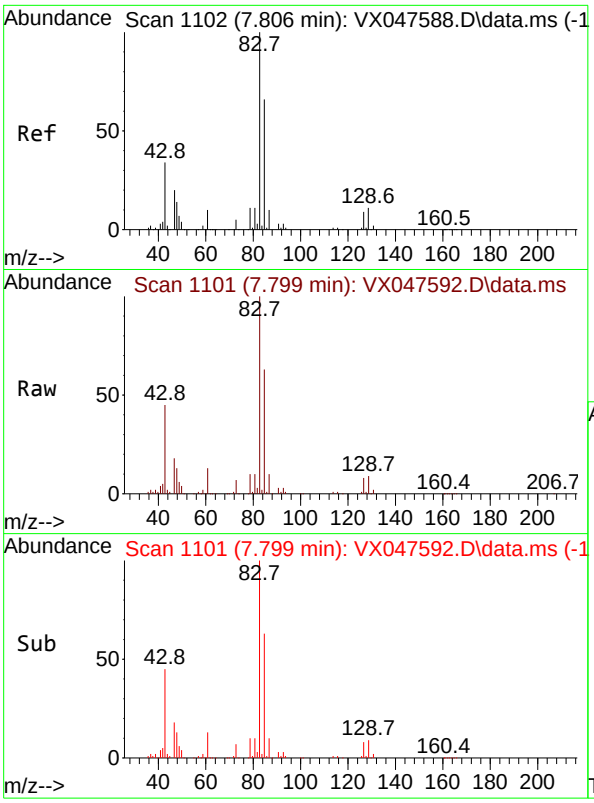


#46
Dibromomethane
Concen: 47.976 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 93 Resp: 88297

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.0	97.6
174	91.3	71.6	107.4

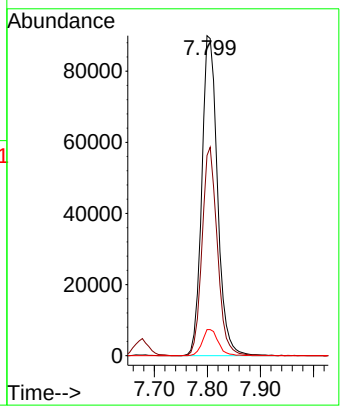




#47
Bromodichloromethane
Concen: 48.769 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 18521

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.5	78.7
127	8.1	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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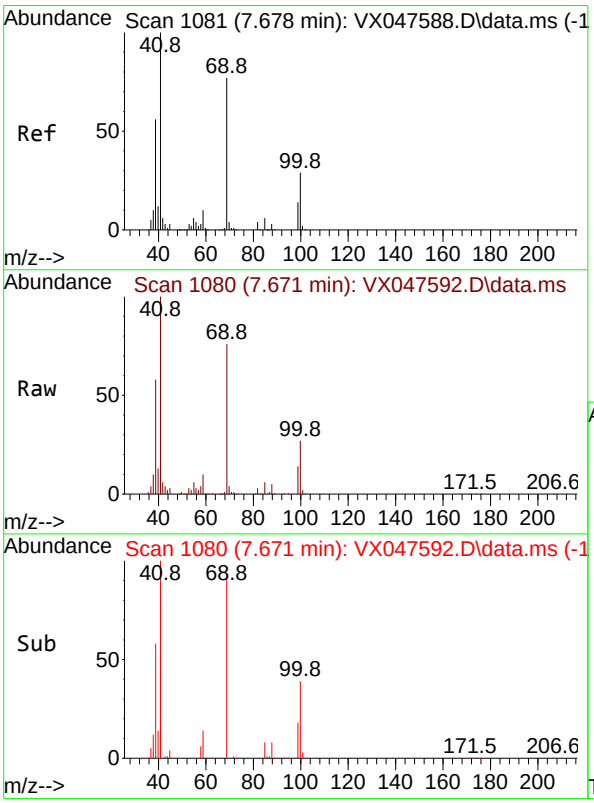
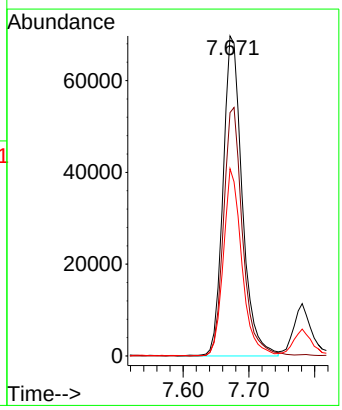
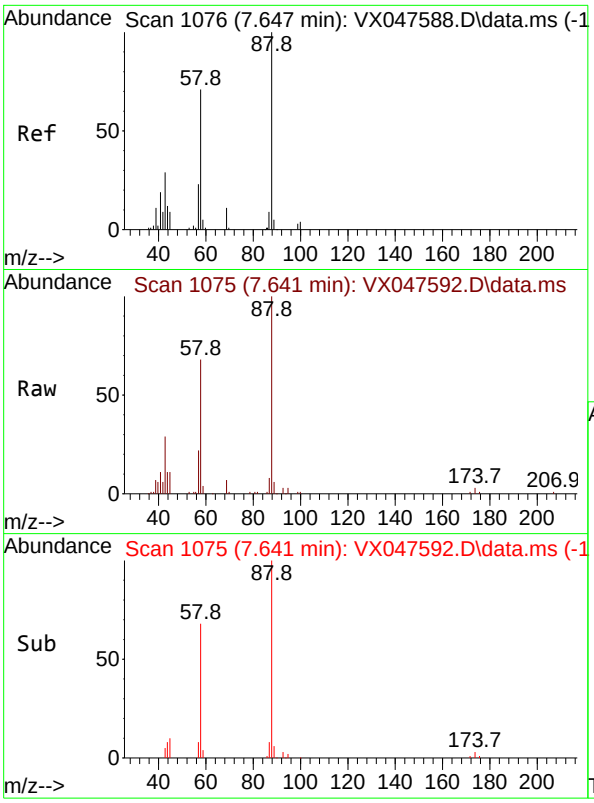


#48
Methyl methacrylate
Concen: 49.757 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 141532

Ion	Ratio	Lower	Upper
41	100		
69	77.1	61.4	92.2
39	56.4	45.8	68.6

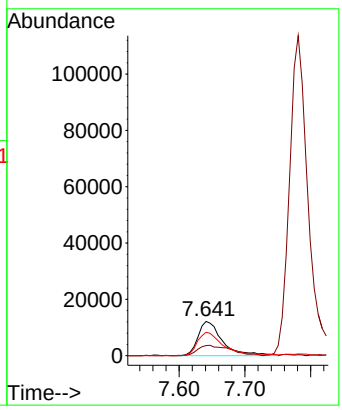




#49
1,4-Dioxane
Concen: 1089.520 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 88 Resp: 3132

Ion	Ratio	Lower	Upper
88	100		
43	40.9	30.2	45.2
58	74.1	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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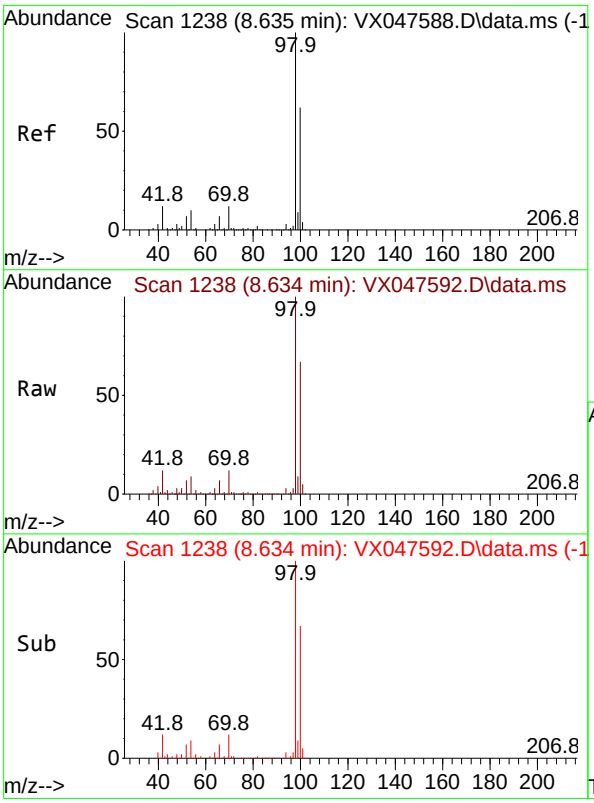
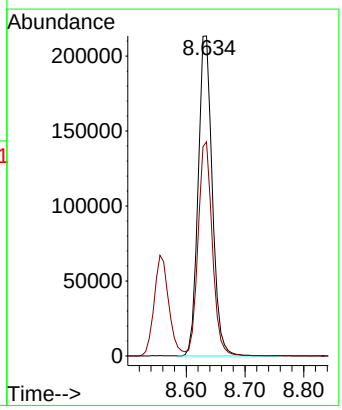
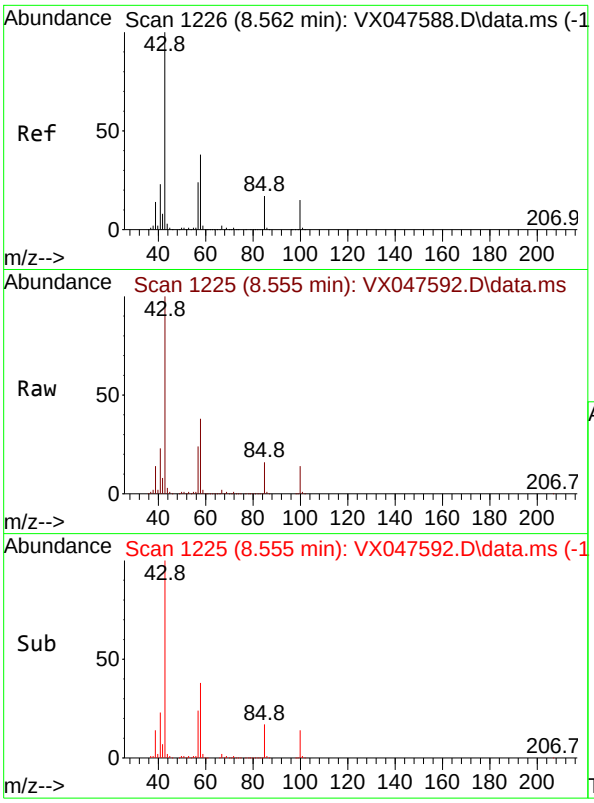


#50
Toluene-d8
Concen: 46.411 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 98 Resp: 357393

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4

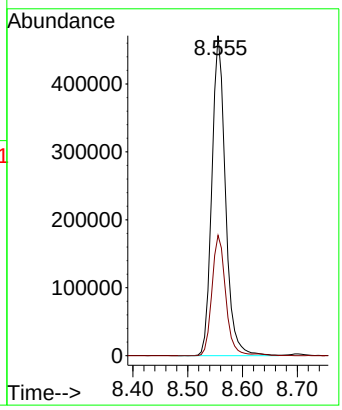




#51
4-Methyl-2-Pentanone
Concen: 255.752 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 80975

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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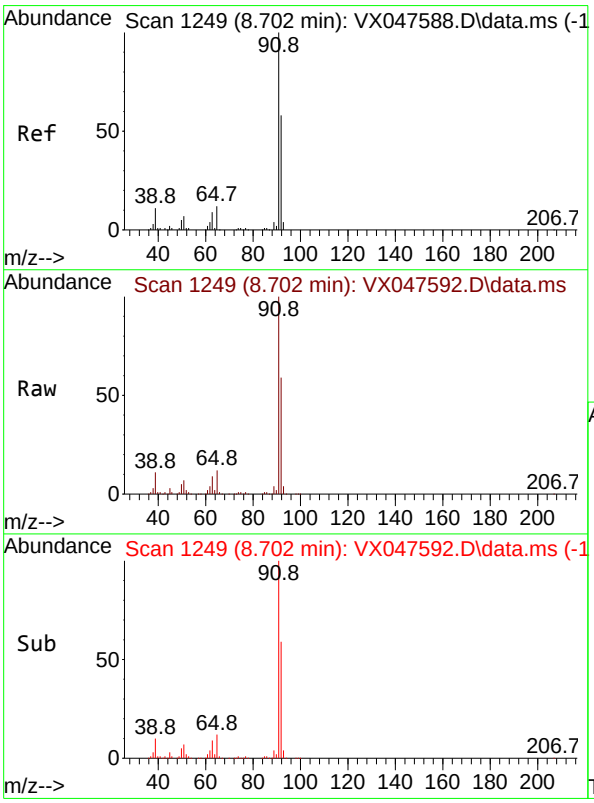
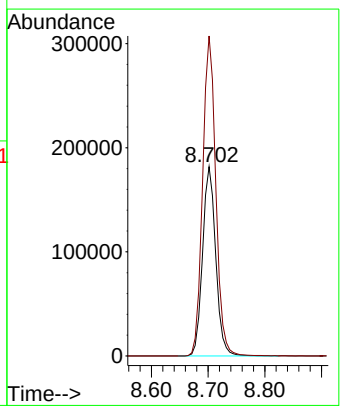
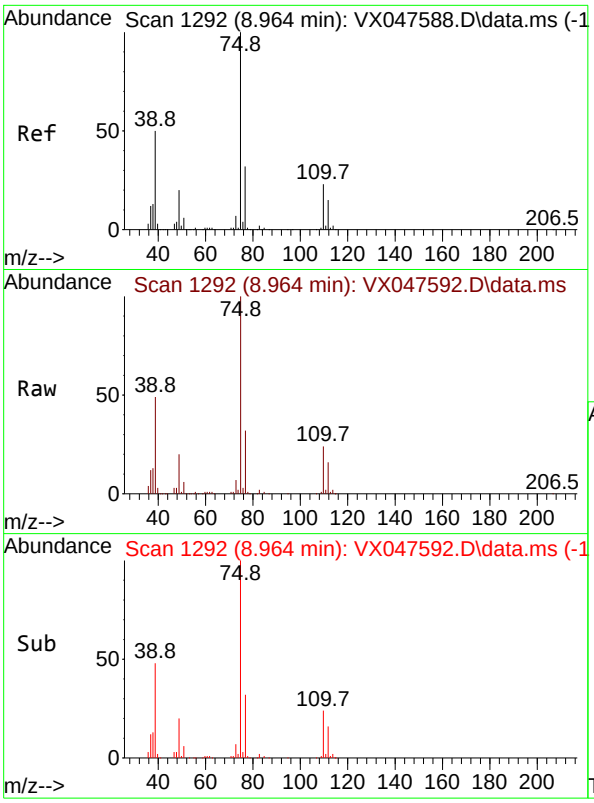


#52
Toluene
Concen: 48.130 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 92 Resp: 292879

Ion	Ratio	Lower	Upper
92	100		
91	169.4	137.1	205.7

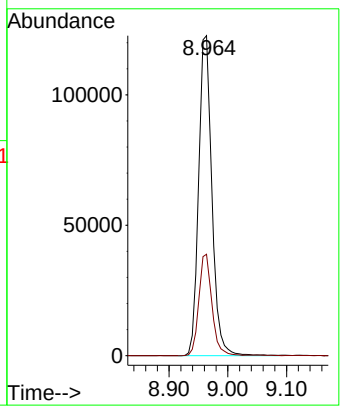




#53
t-1,3-Dichloropropene
Concen: 49.527 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 19186

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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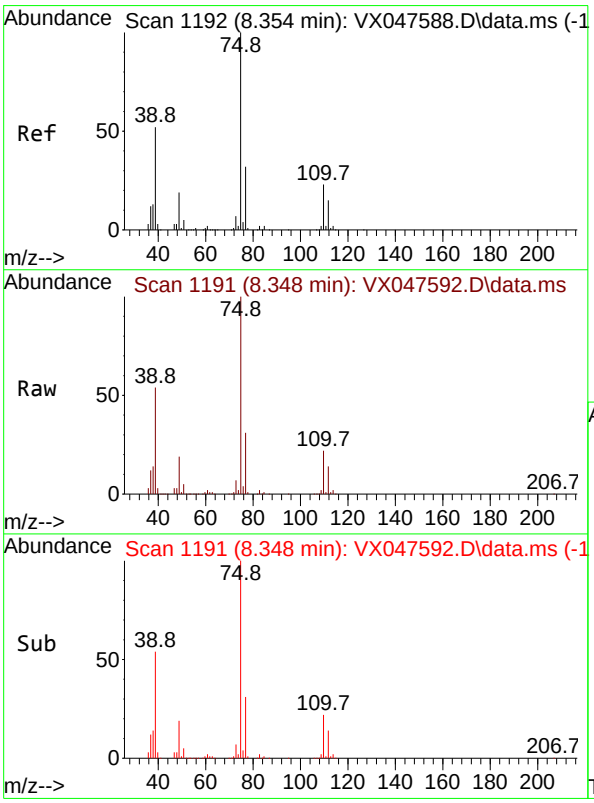
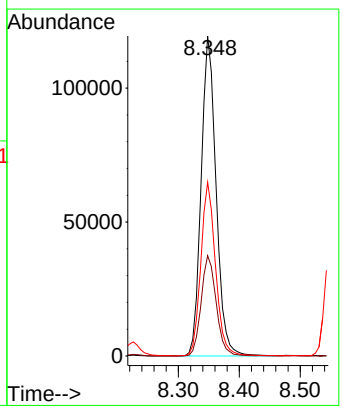
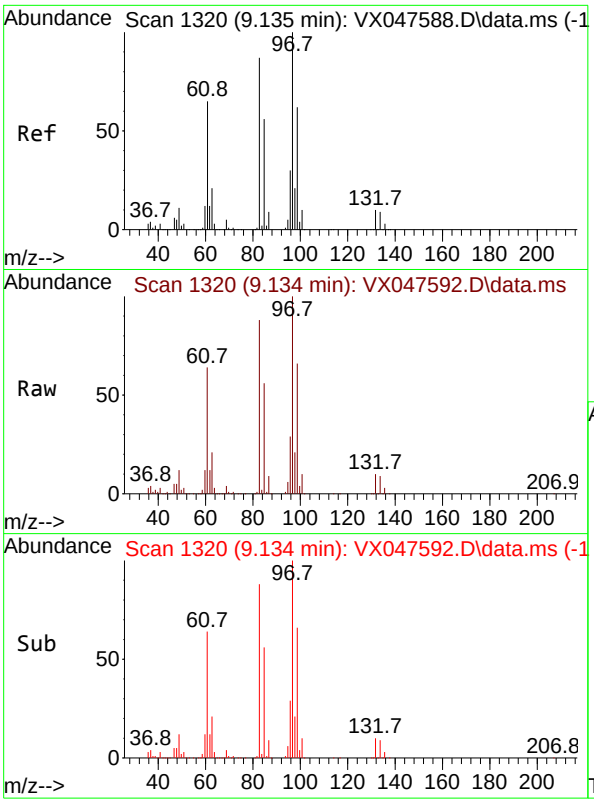


#54
cis-1,3-Dichloropropene
Concen: 49.257 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 203954

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	54.2	41.4	62.2

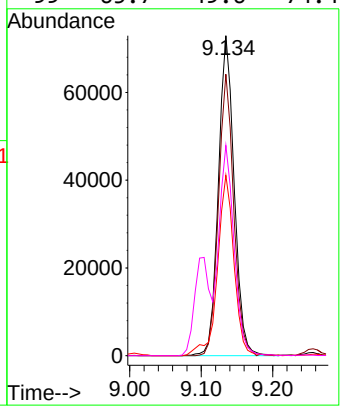




#55
1,1,2-Trichloroethane
Concen: 47.772 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 97 Resp: 11209

Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.6	104.4
85	56.4	45.0	67.6
99	65.7	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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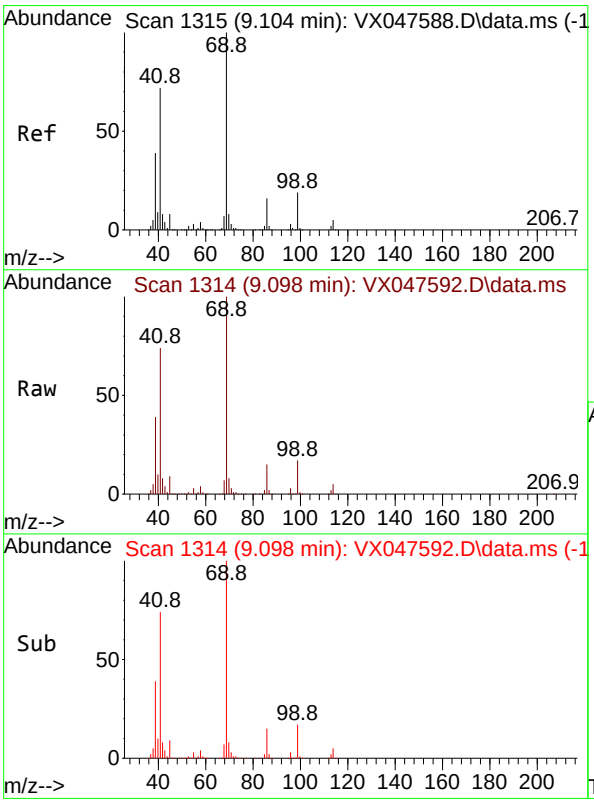
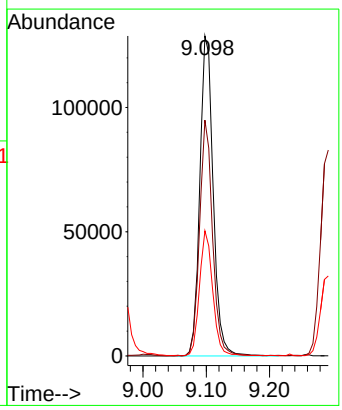
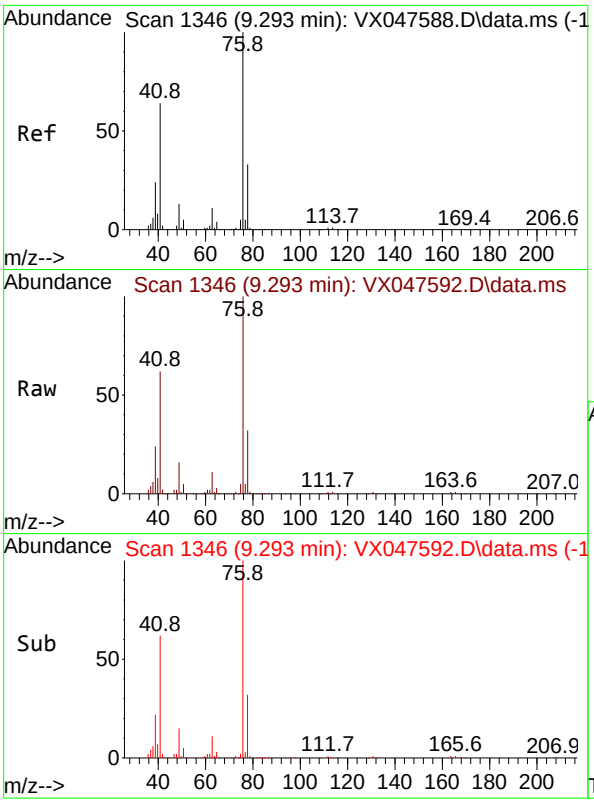


#56
Ethyl methacrylate
Concen: 51.490 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 69 Resp: 189741

Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.6	87.8
39	39.0	31.5	47.3

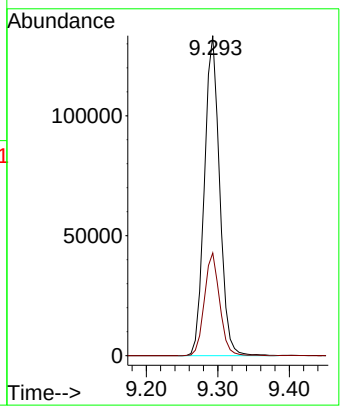




#57
1,3-Dichloropropane
Concen: 48.894 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 76 Resp: 19707

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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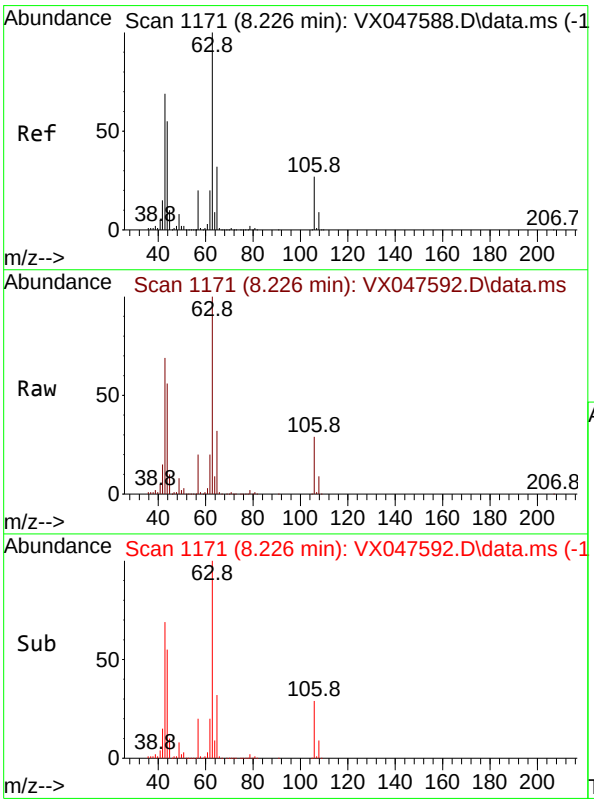
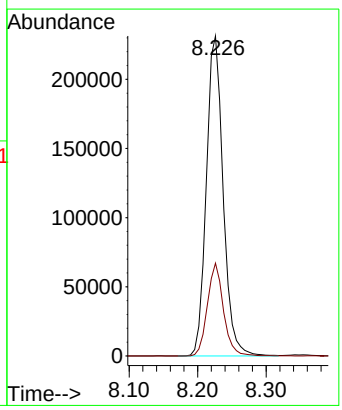
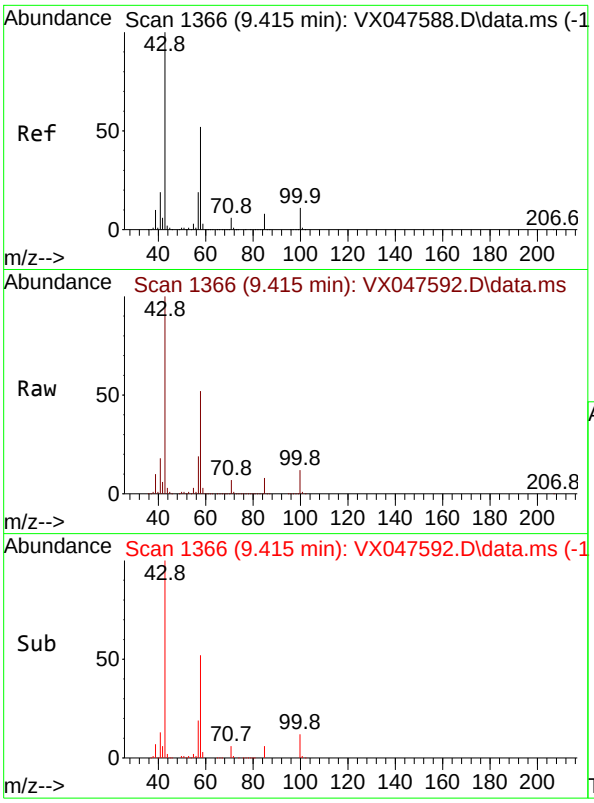


#58
2-Chloroethyl Vinyl ether
Concen: 225.562 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 394205

Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.9	32.9





#59
2-Hexanone
Concen: 253.126 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 575599

Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
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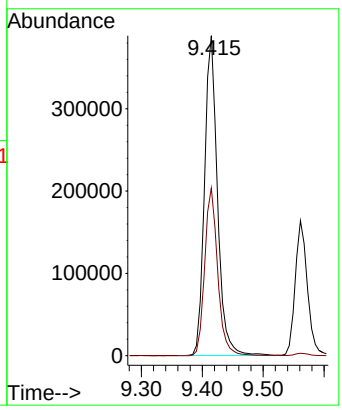
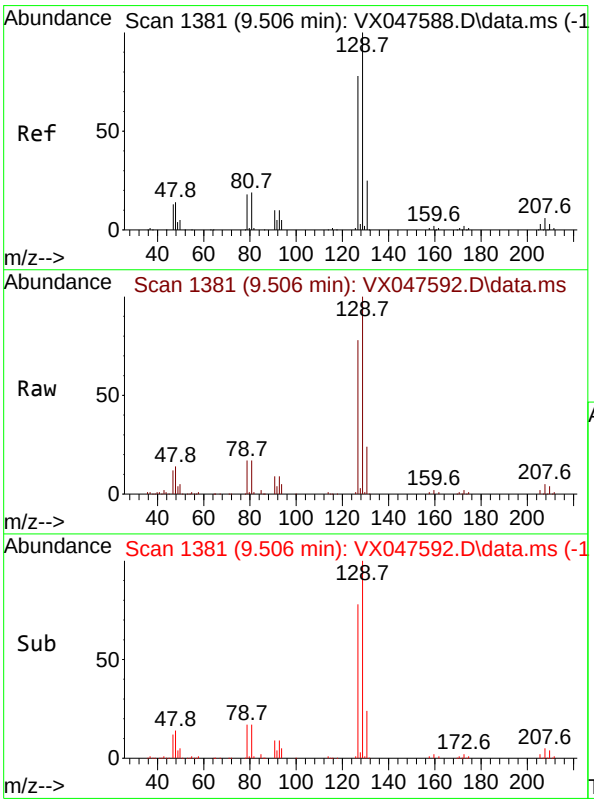
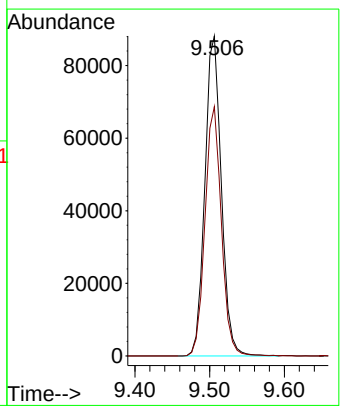


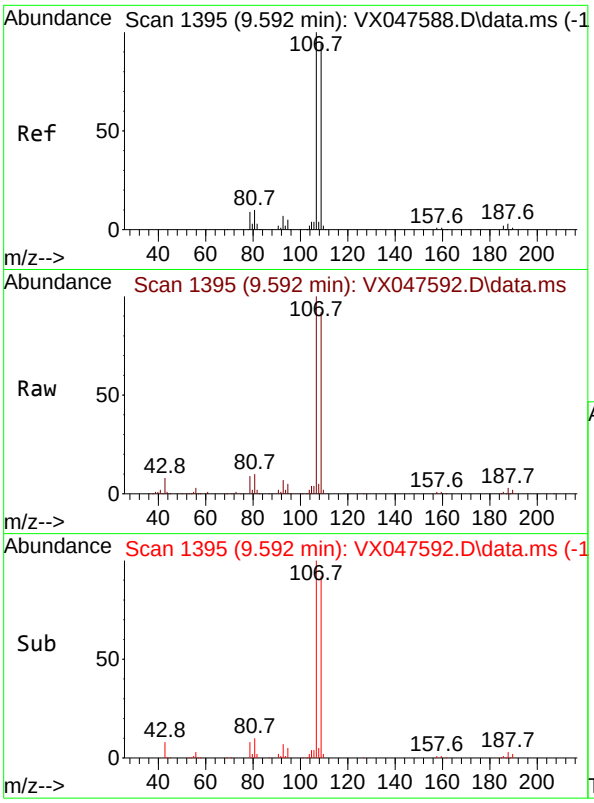


#60
Dibromochloromethane
Concen: 49.824 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:129 Resp: 134704

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.4	115.2

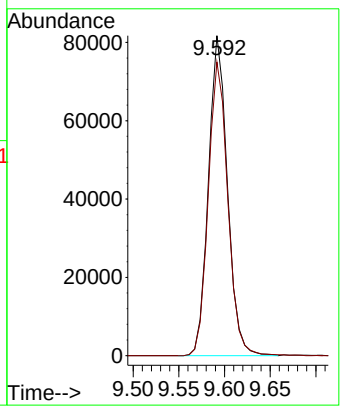




#61
1,2-Dibromoethane
Concen: 49.297 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:107 Resp: 11781

Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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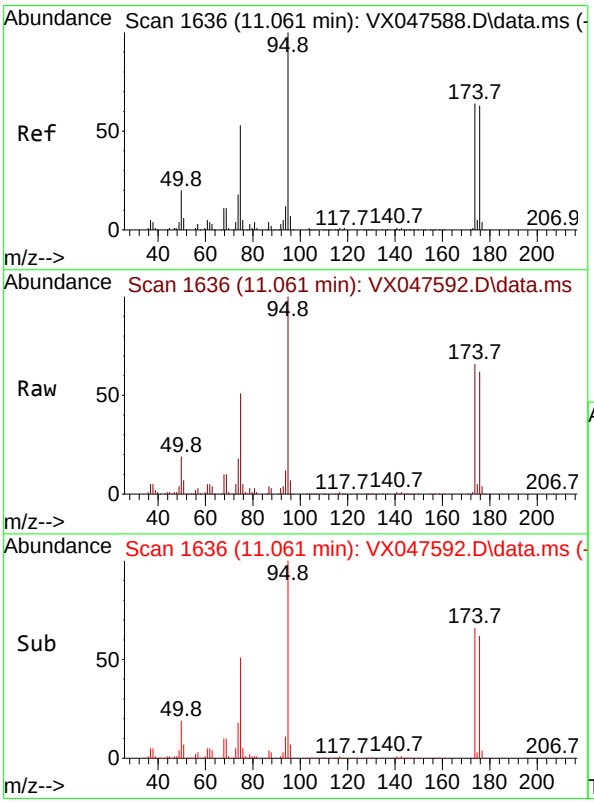
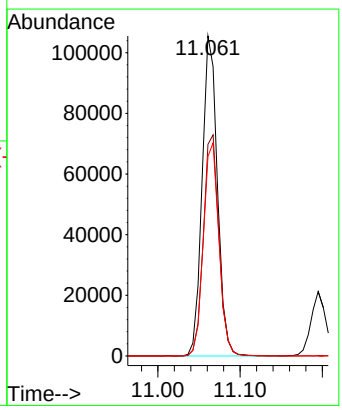
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

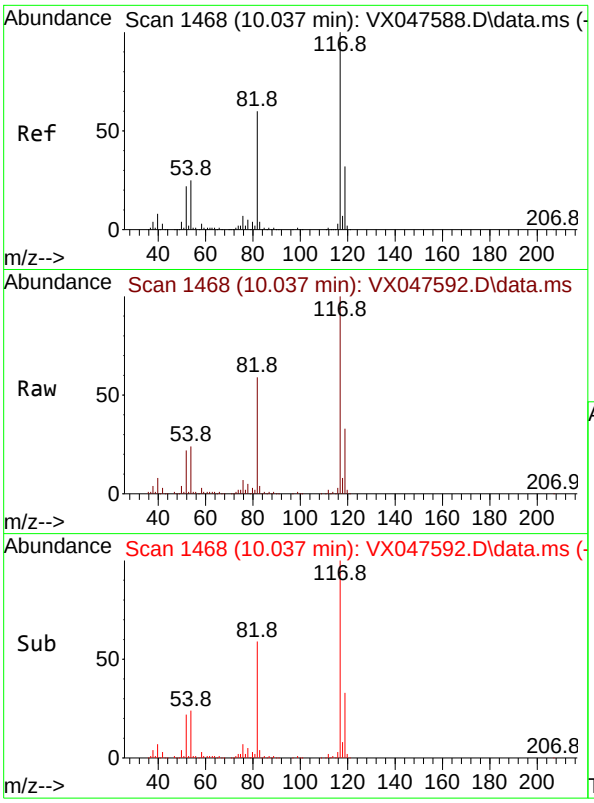


#62
4-Bromofluorobenzene
Concen: 46.520 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 95 Resp: 135957

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	141.6
176	68.0	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 28866

Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.8	71.6
119	32.7	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
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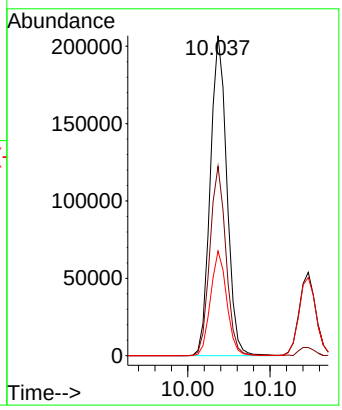
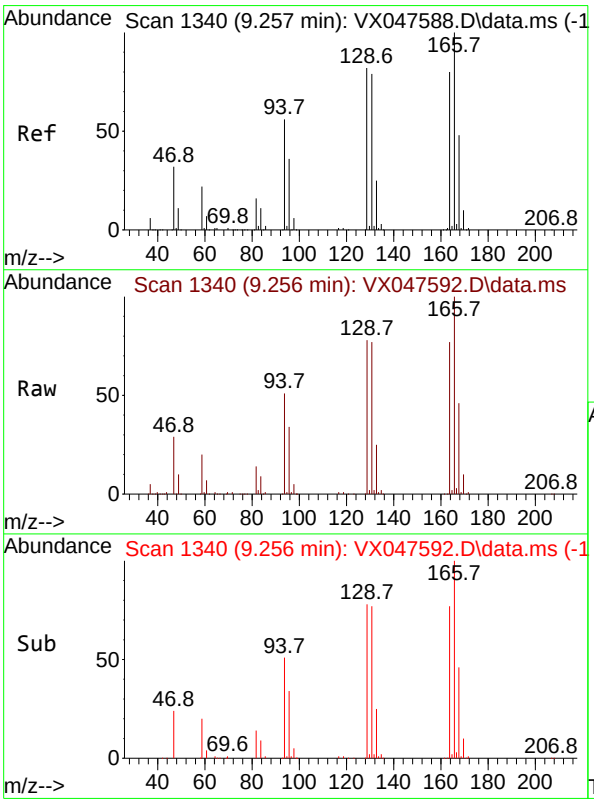
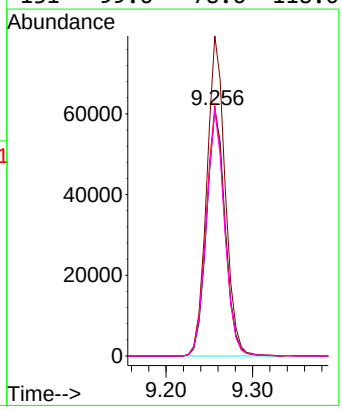


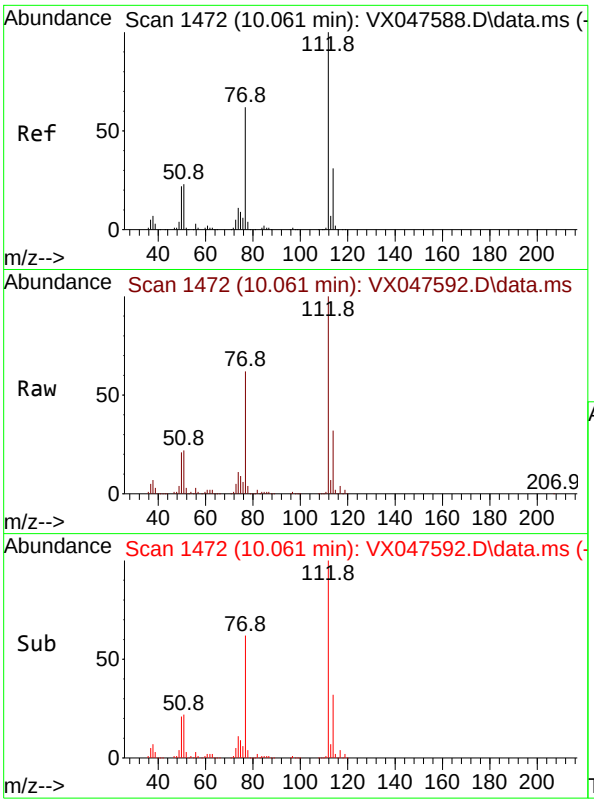


#64
Tetrachloroethene
Concen: 48.296 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:164 Resp: 90881

Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.2	150.2
129	101.3	81.8	122.6
131	99.6	78.6	118.0

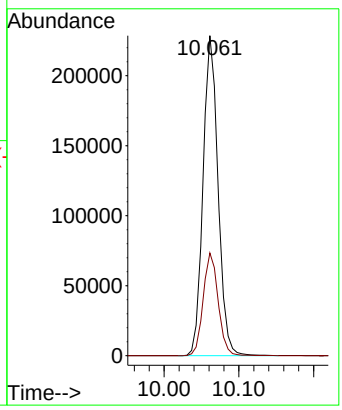




#65
Chlorobenzene
Concen: 48.549 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:112 Resp: 31837

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
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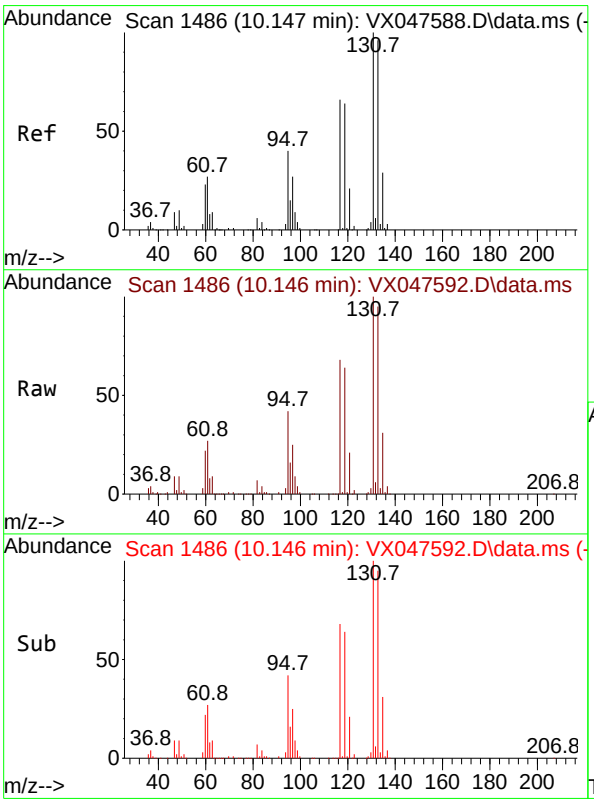
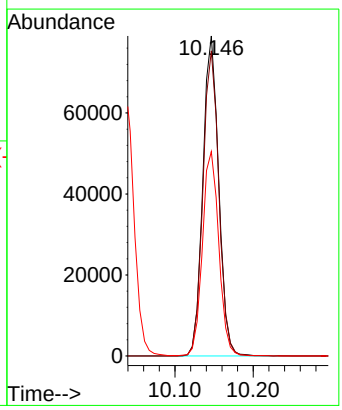
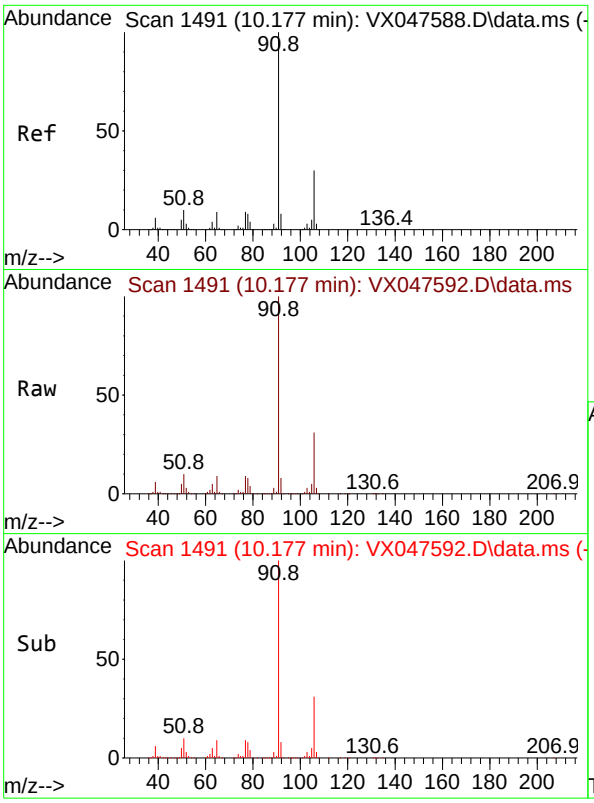


#66
1,1,1,2-Tetrachloroethane
Concen: 48.794 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:131 Resp: 110416

Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	142.0
119	66.3	32.0	96.0

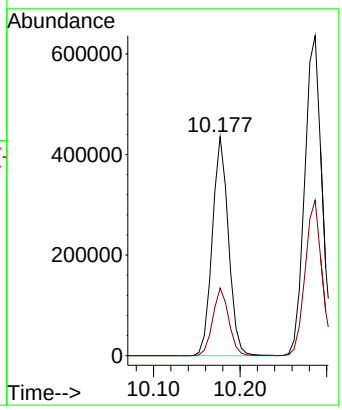




#67
Ethyl Benzene
Concen: 49.813 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 56363

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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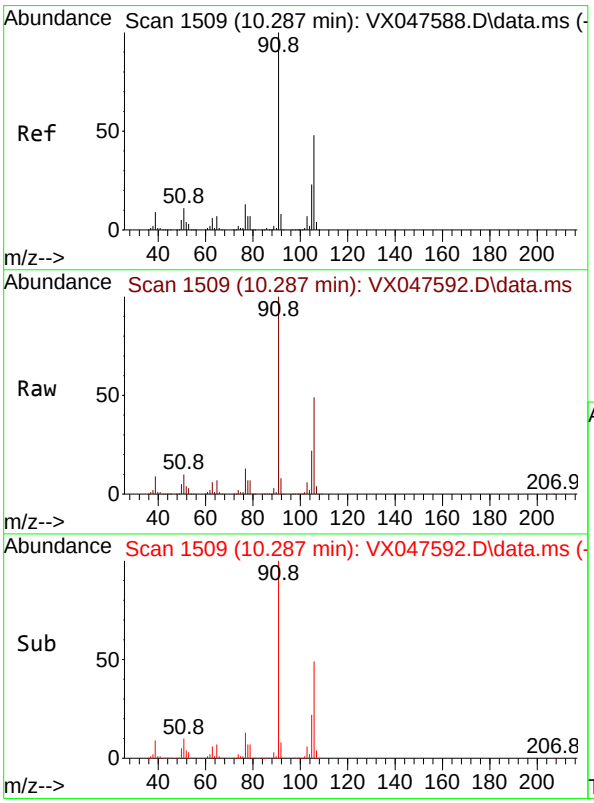
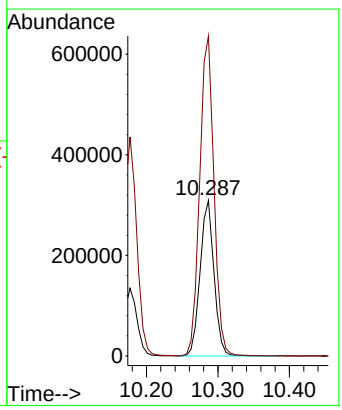
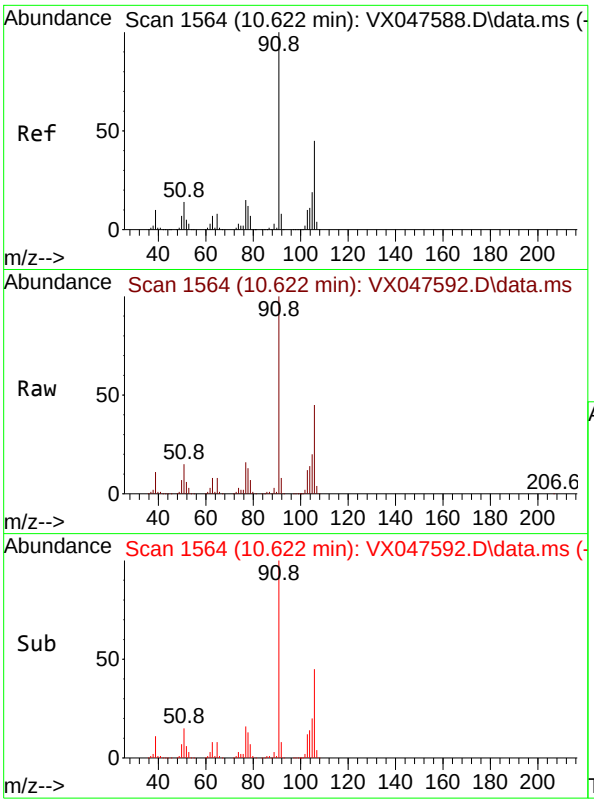


#68
m/p-Xylenes
Concen: 98.956 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:106 Resp: 416757

Ion	Ratio	Lower	Upper
106	100		
91	211.1	167.8	251.8





#69
o-Xylene
Concen: 50.159 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:106 Resp: 20432

Ion	Ratio	Lower	Upper
106	100		
91	221.0	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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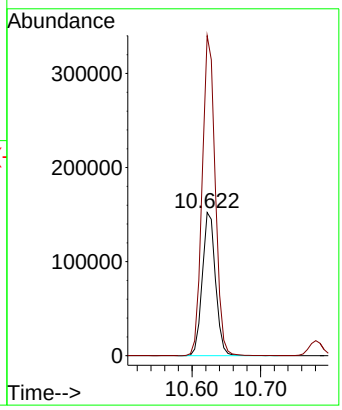
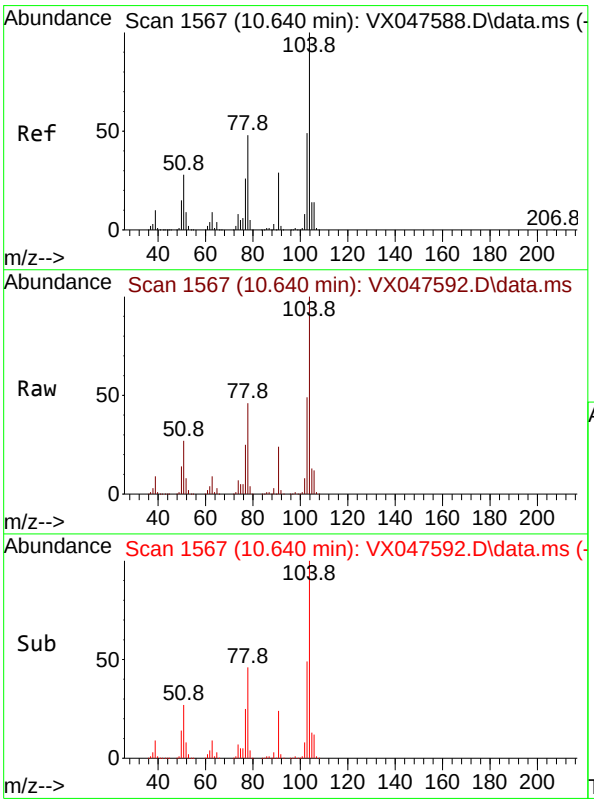
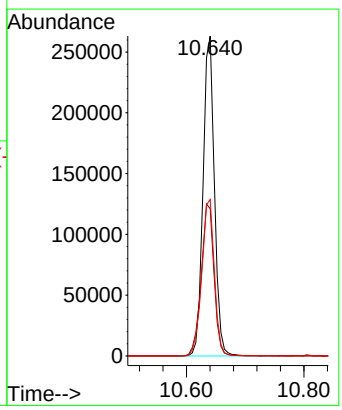


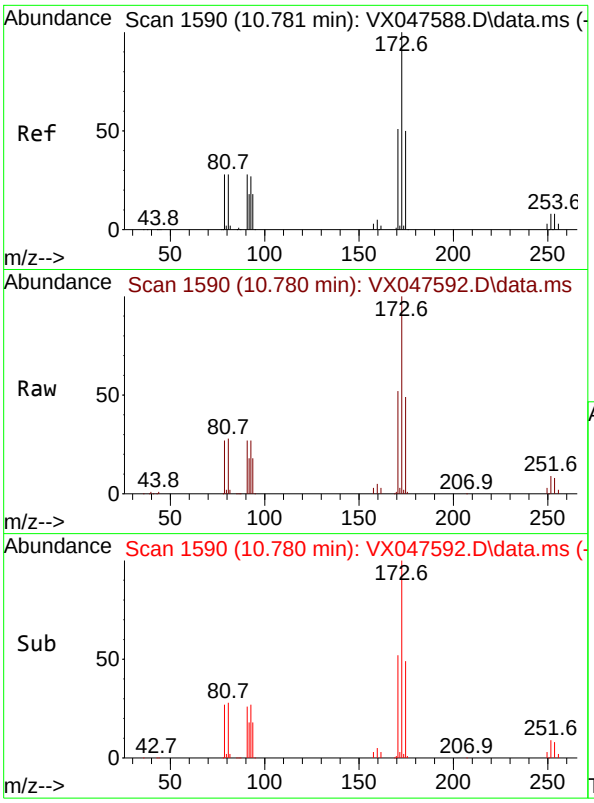


#70
Styrene
Concen: 49.536 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:104 Resp: 353567

Ion	Ratio	Lower	Upper
104	100		
78	53.4	43.1	64.7
103	54.3	43.1	64.7

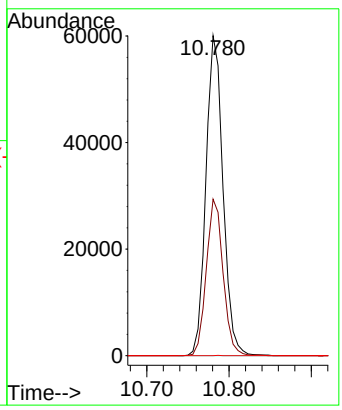




#71
Bromoform
Concen: 51.207 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:173 Resp: 8652

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
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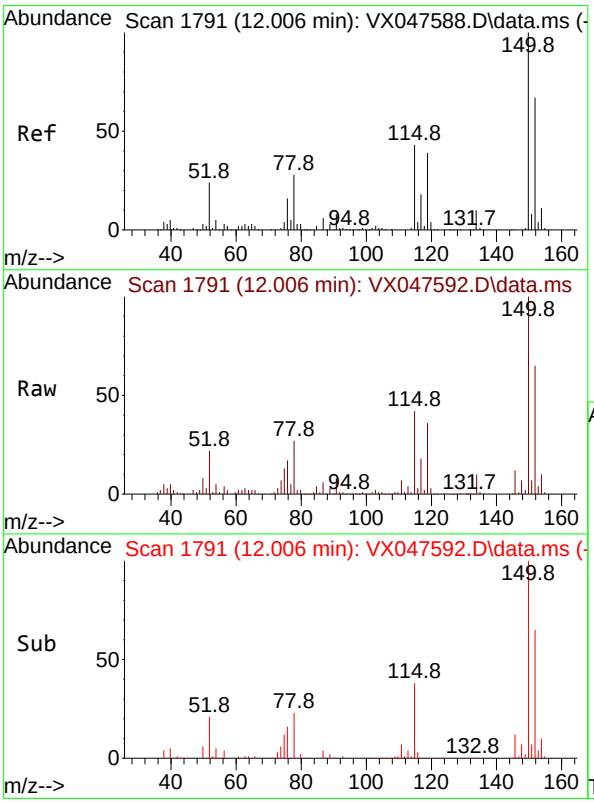
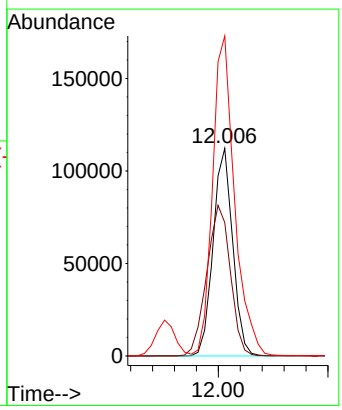
Supervised By :Mahesh Dadoda 09/18/2025

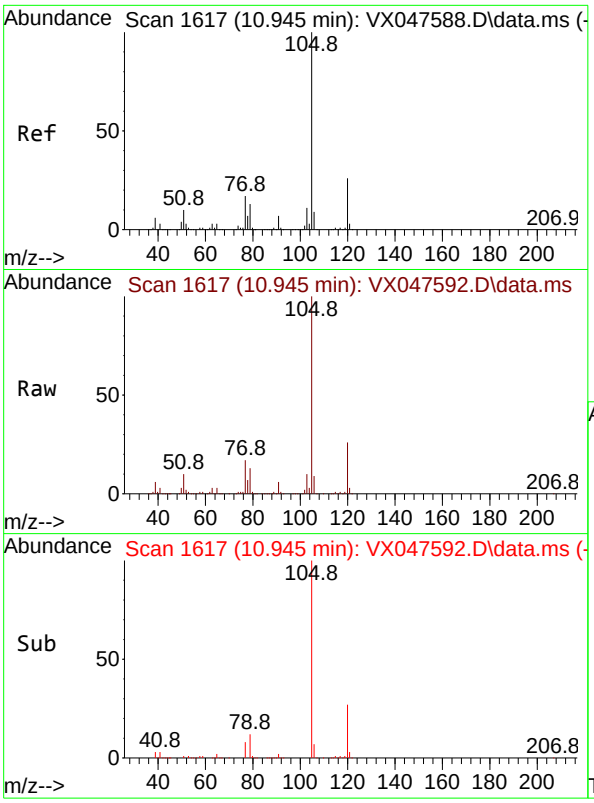


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:152 Resp: 139252

Ion	Ratio	Lower	Upper
152	100		
115	87.5	44.9	134.5
150	173.5	0.0	352.0

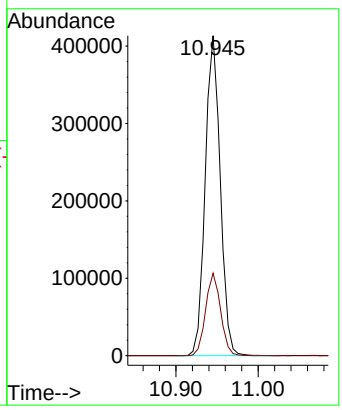




#73
Isopropylbenzene
Concen: 49.479 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 52382

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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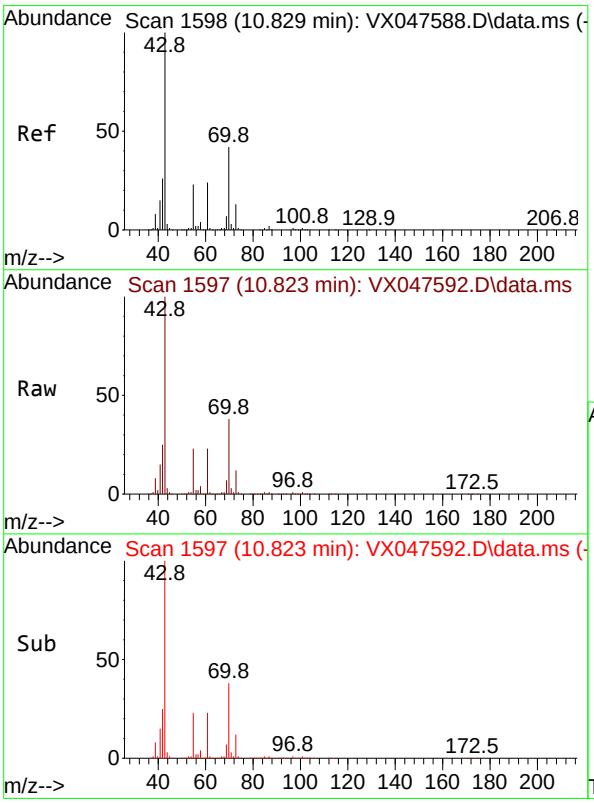
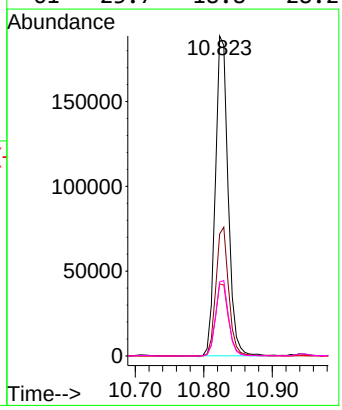
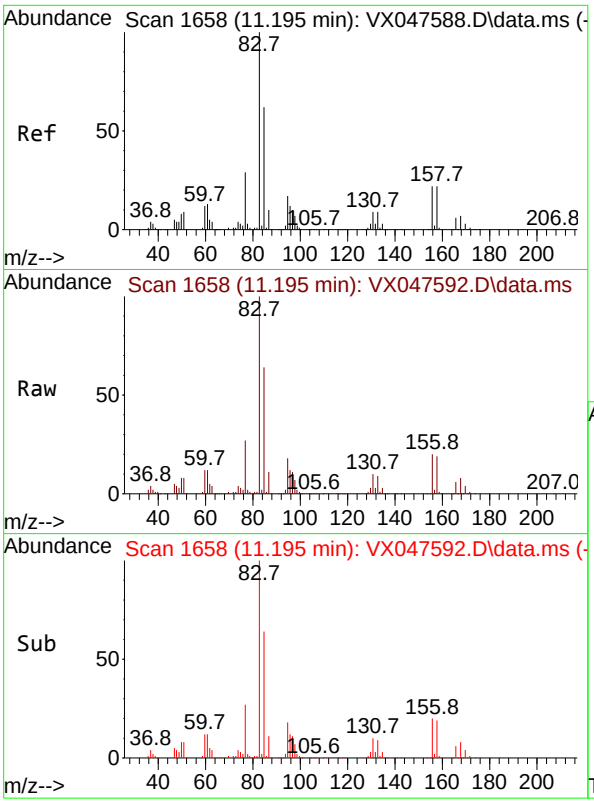


#74
N-amyl acetate
Concen: 50.375 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 243198

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.0	48.0
55	23.2	18.9	28.3
61	23.7	18.8	28.2

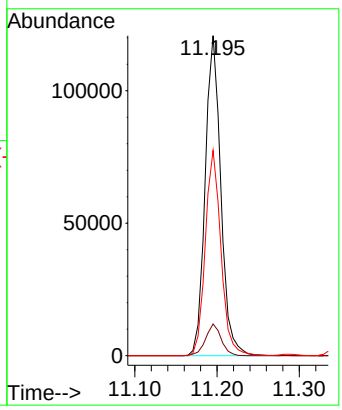




#75
1,1,2,2-Tetrachloroethane
Concen: 49.851 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 15967

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.2	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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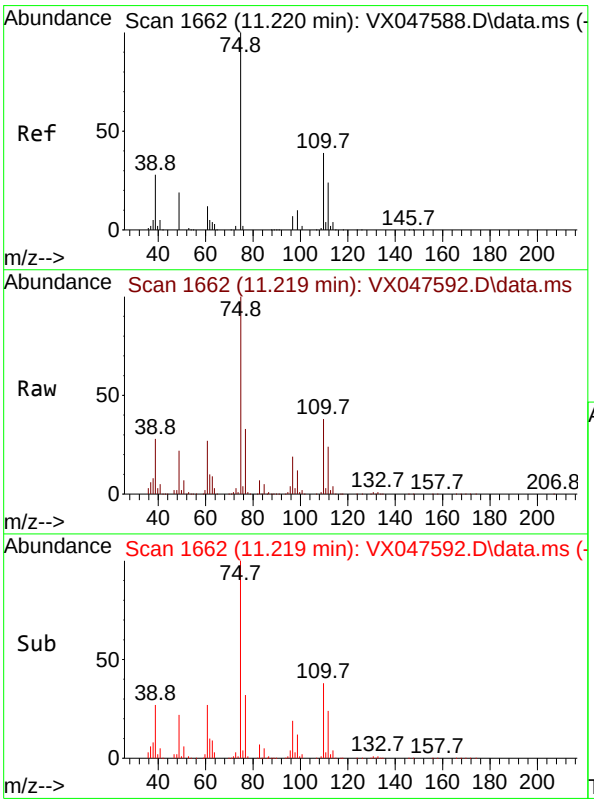
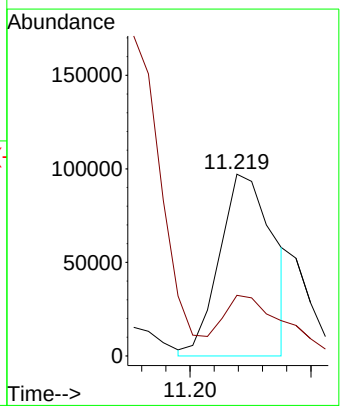
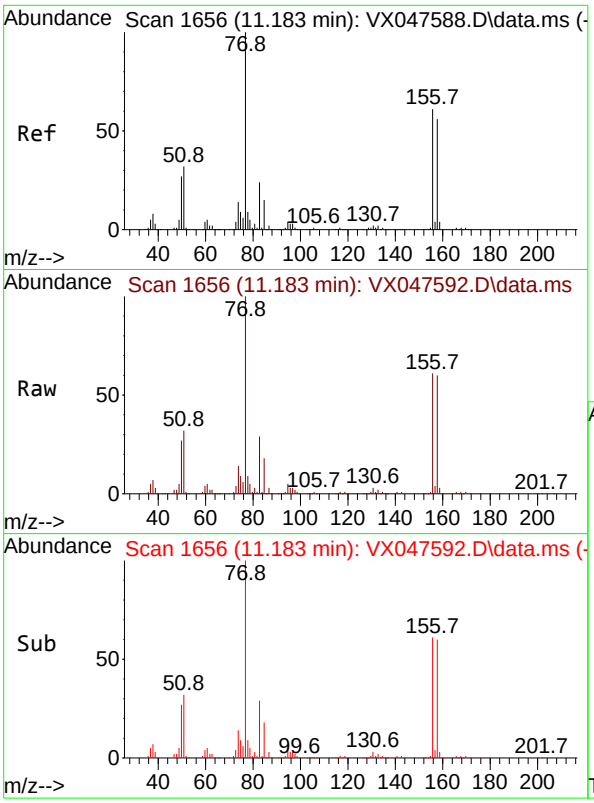


#76
1,2,3-Trichloropropane
Concen: 53.124 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 149779

Ion	Ratio	Lower	Upper
75	100		
77	38.0	18.8	56.4





#77
Bromobenzene
Concen: 48.173 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:156 Resp: 12561

Ion	Ratio	Lower	Upper
156	100		
77	182.2	89.7	269.1
158	99.0	47.9	143.6

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
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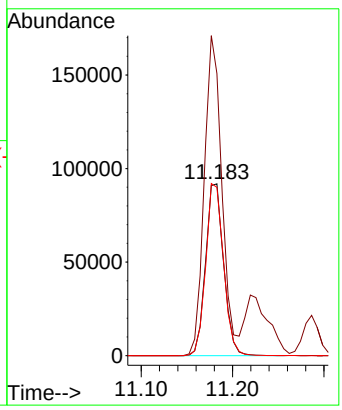
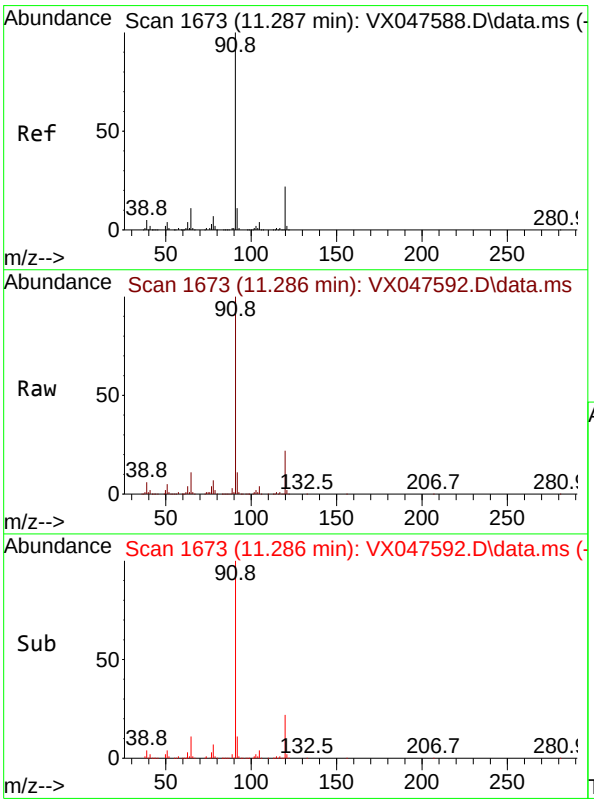
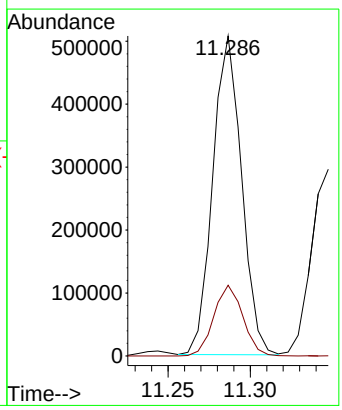


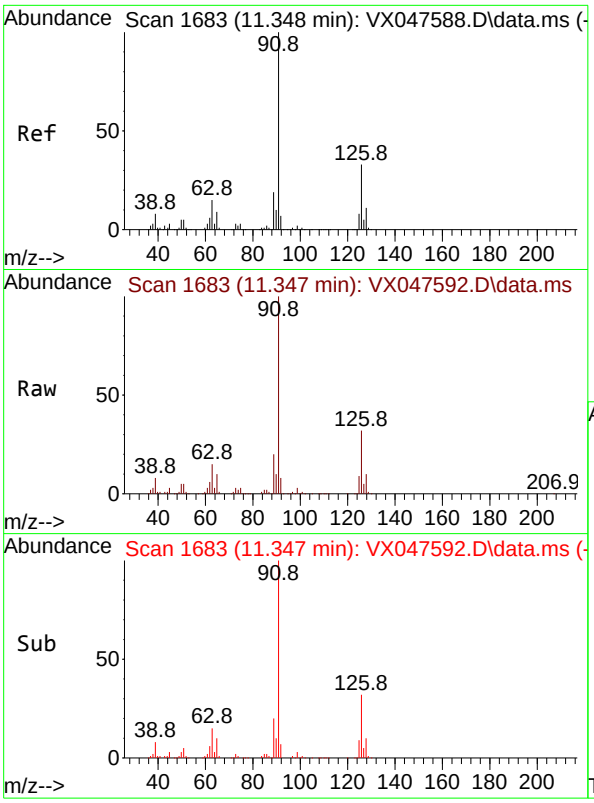


#78
n-propylbenzene
Concen: 49.295 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 616928

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1

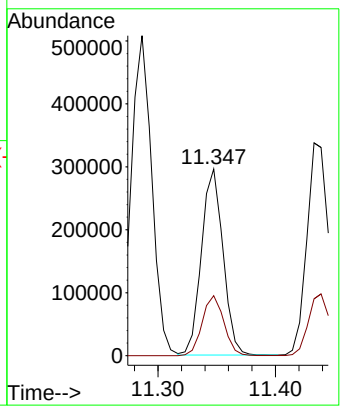




#79
2-Chlorotoluene
Concen: 49.117 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 37648

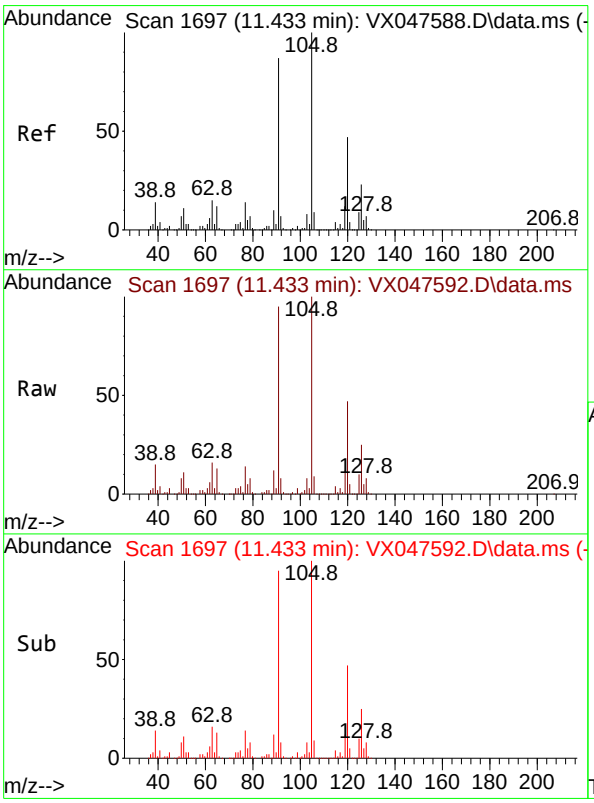
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

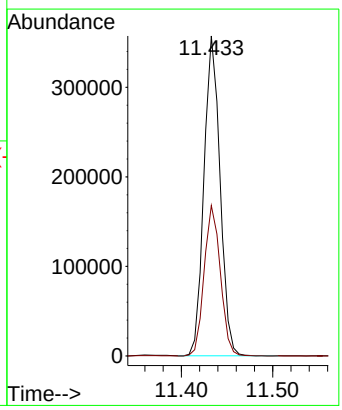
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

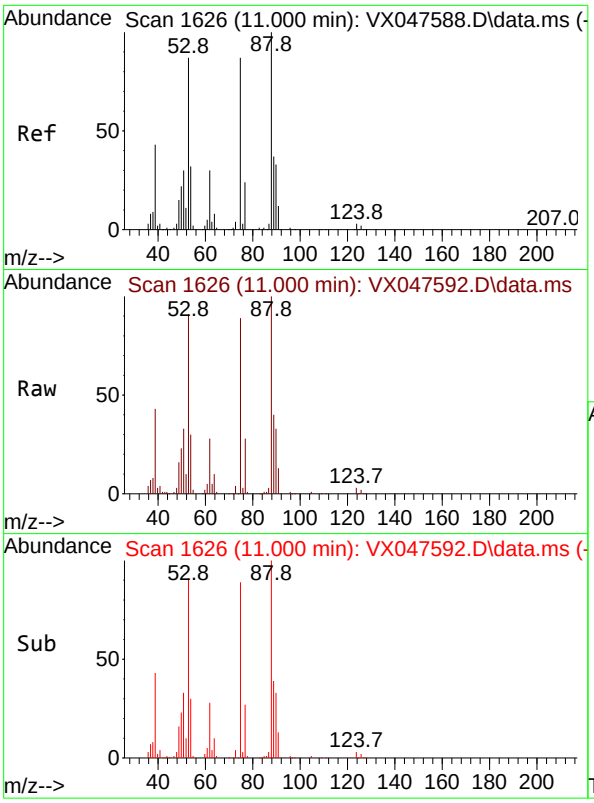


#80
1,3,5-Trimethylbenzene
Concen: 50.055 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 435375

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 50.543 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 5588

Ion	Ratio	Lower	Upper
75	100		
53	103.4	83.4	125.2
89	45.4	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations
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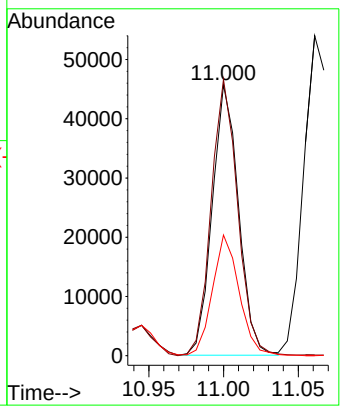
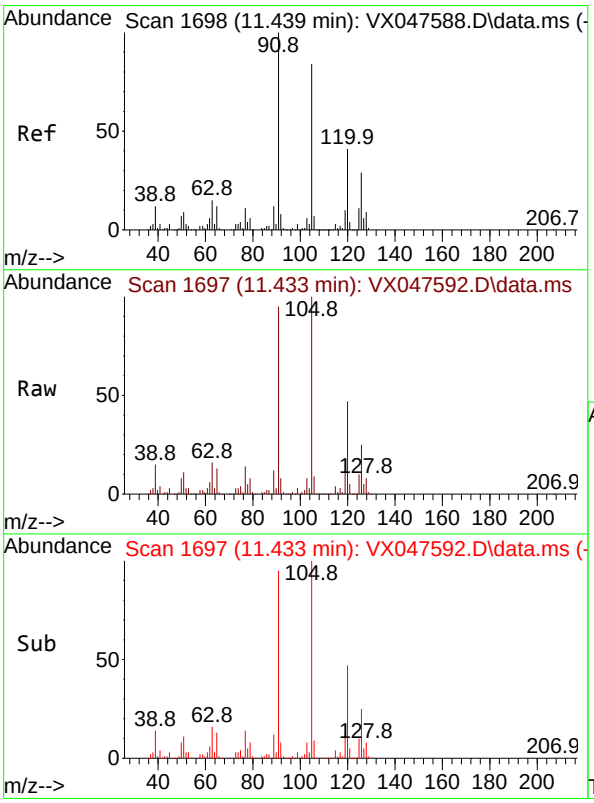
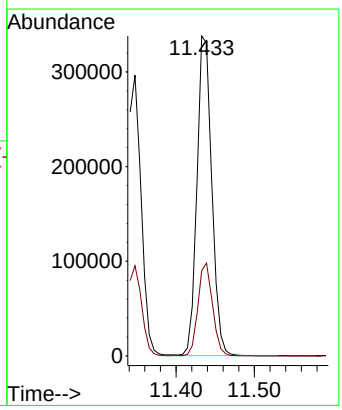


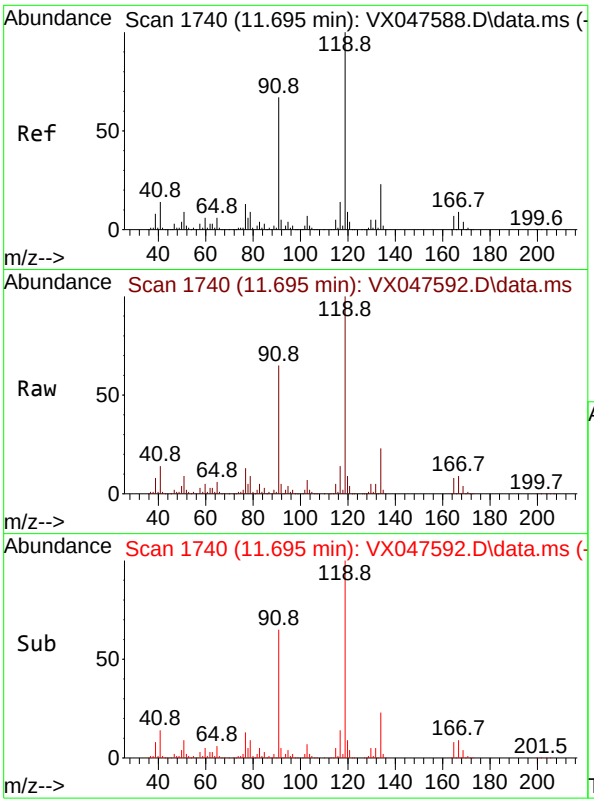


#82
4-Chlorotoluene
Concen: 49.164 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 445075

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

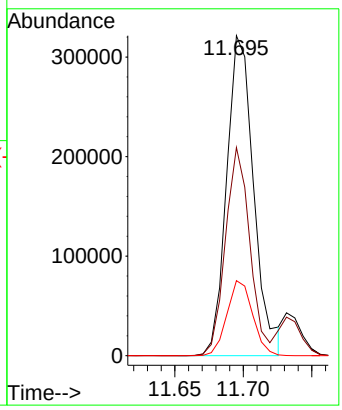




#83
tert-Butylbenzene
Concen: 49.679 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:119 Resp: 44234

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

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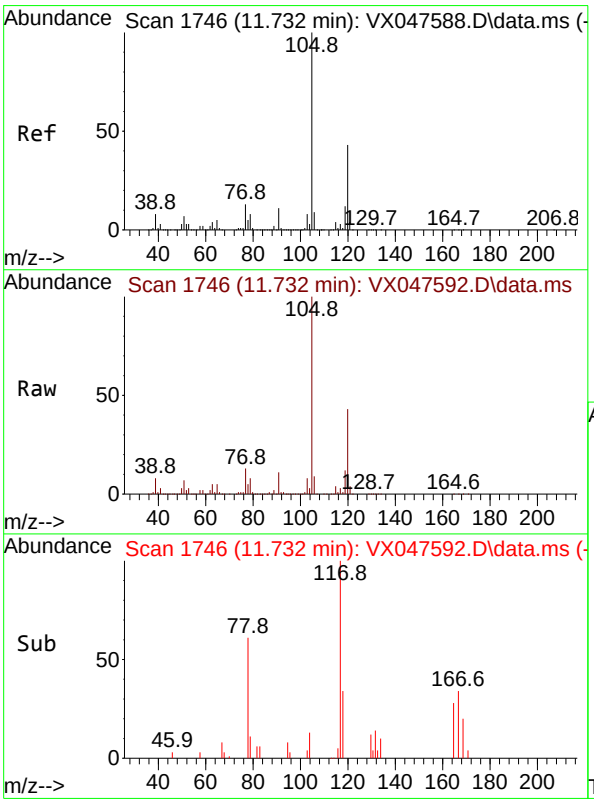
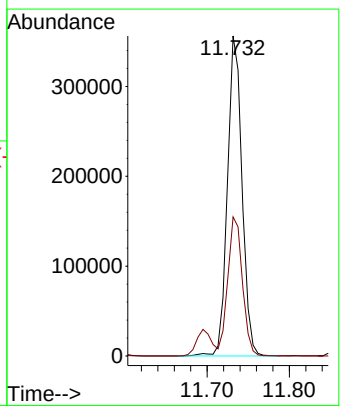
Supervised By :Mahesh Dadoda 09/18/2025

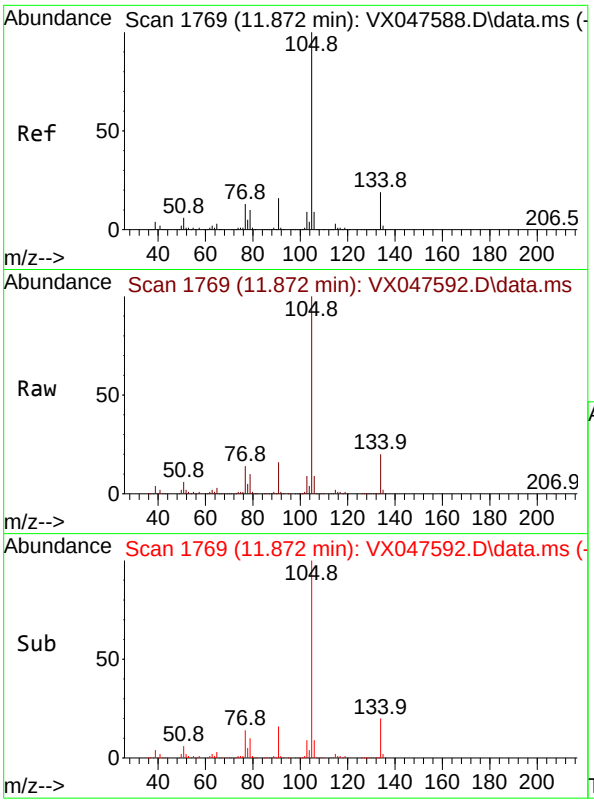


#84
1,2,4-Trimethylbenzene
Concen: 49.911 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 440134

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.1

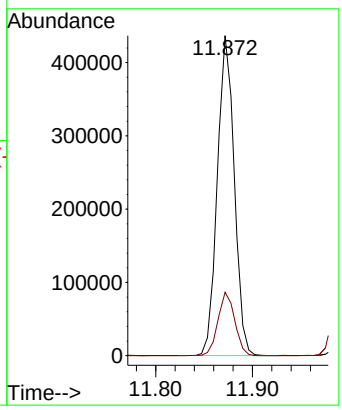




#85
sec-Butylbenzene
Concen: 50.100 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 52986

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
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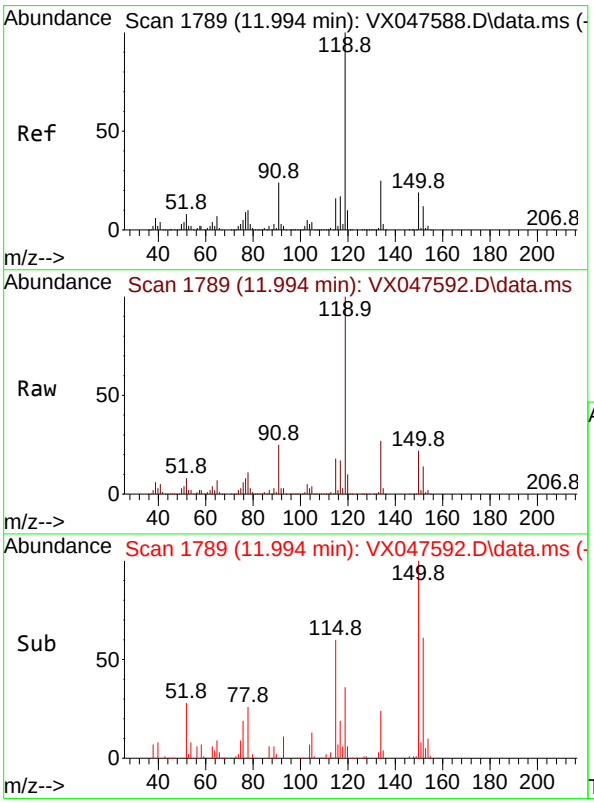
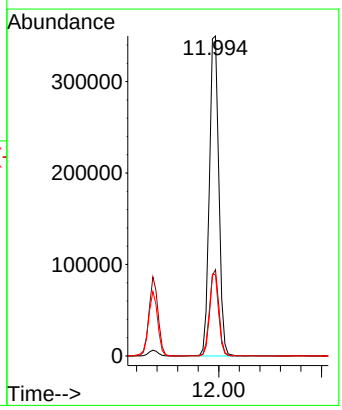
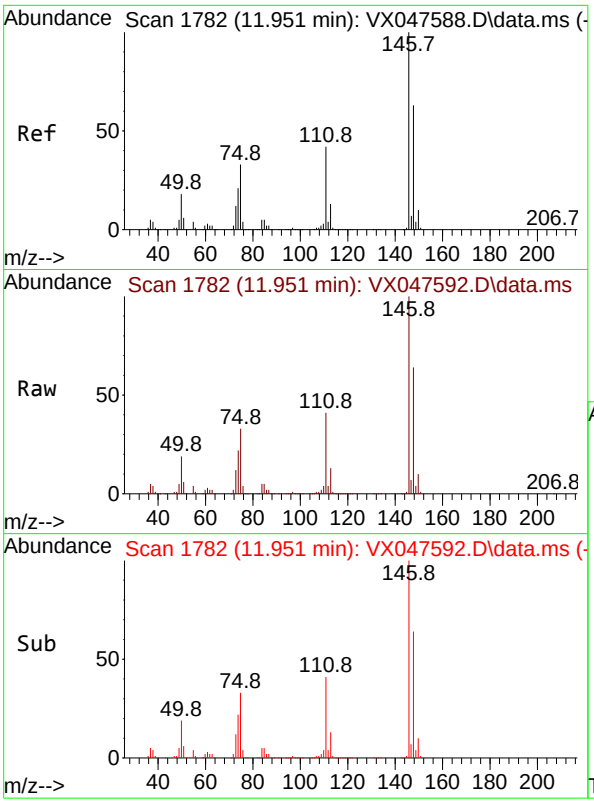


#86
p-Isopropyltoluene
Concen: 49.861 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:119 Resp: 446441

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.4	12.6	37.6

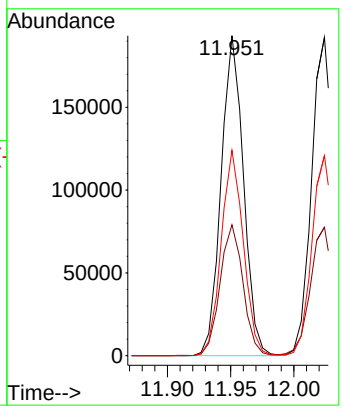




#87
1,3-Dichlorobenzene
Concen: 49.014 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:146 Resp: 23738

Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.5	64.5
148	63.5	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
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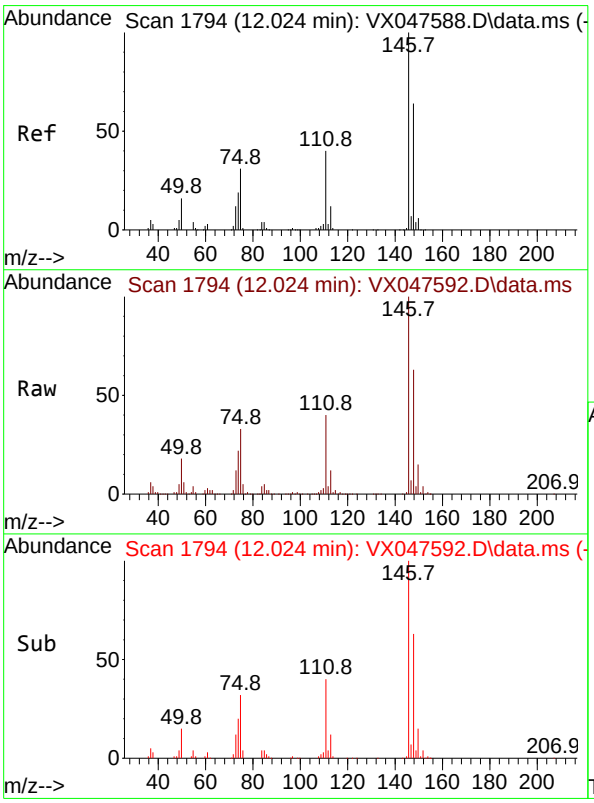
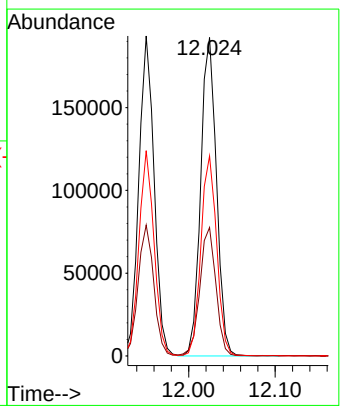
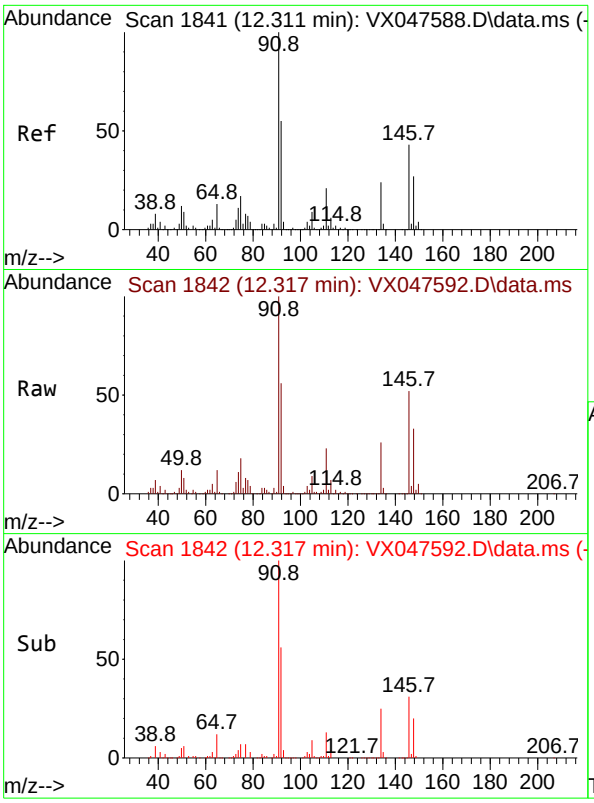


#88
1,4-Dichlorobenzene
Concen: 49.011 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:146 Resp: 243618

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	62.7	31.7	95.1

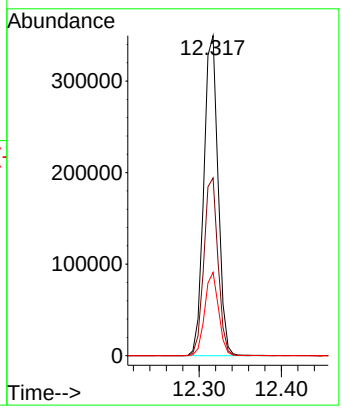




#89
n-Butylbenzene
Concen: 50.752 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 42047

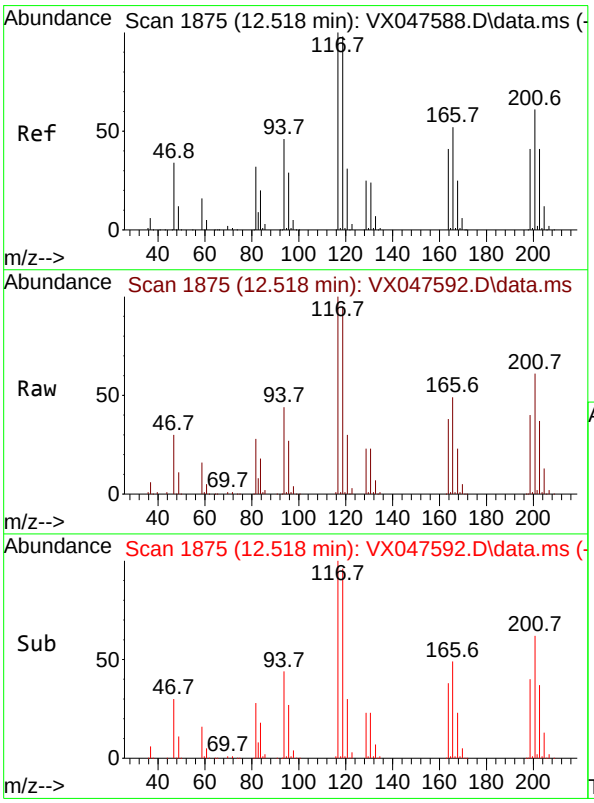
Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.3	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

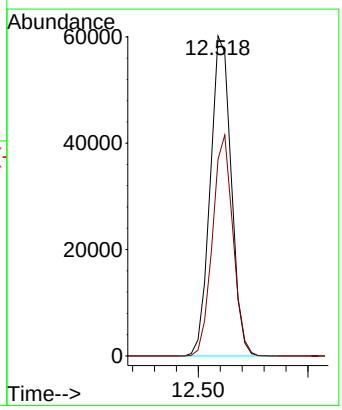
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

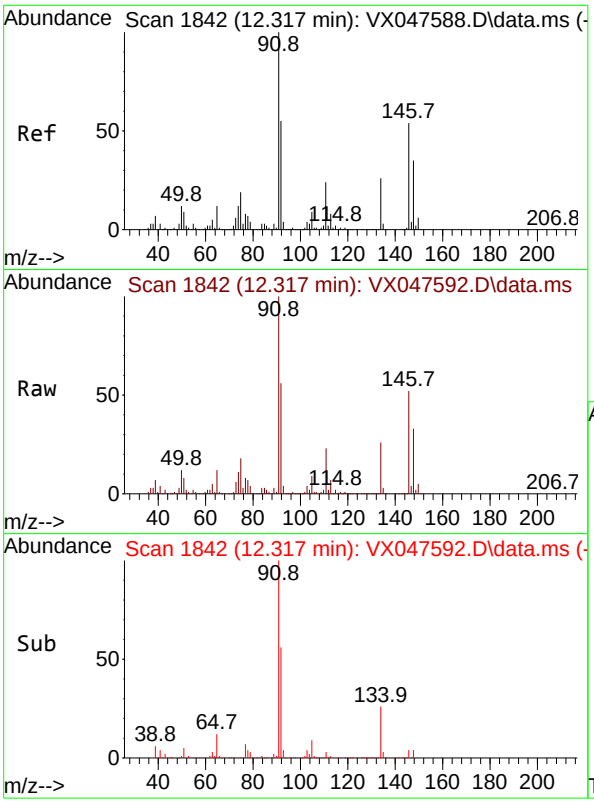


#90
Hexachloroethane
Concen: 50.732 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 79751

Ion	Ratio	Lower	Upper
117	100		
201	67.7	34.2	102.5

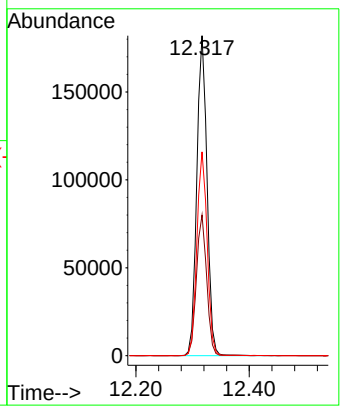




#91
1,2-Dichlorobenzene
Concen: 49.304 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:146 Resp: 22749

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.2	66.6
148	64.1	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
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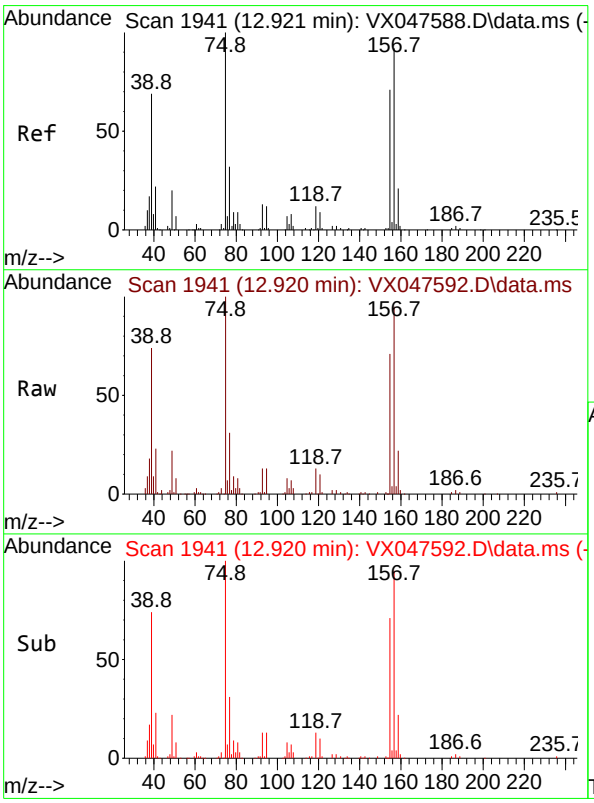
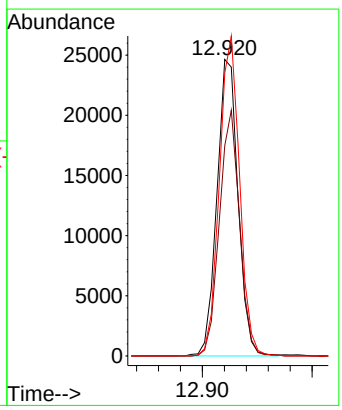
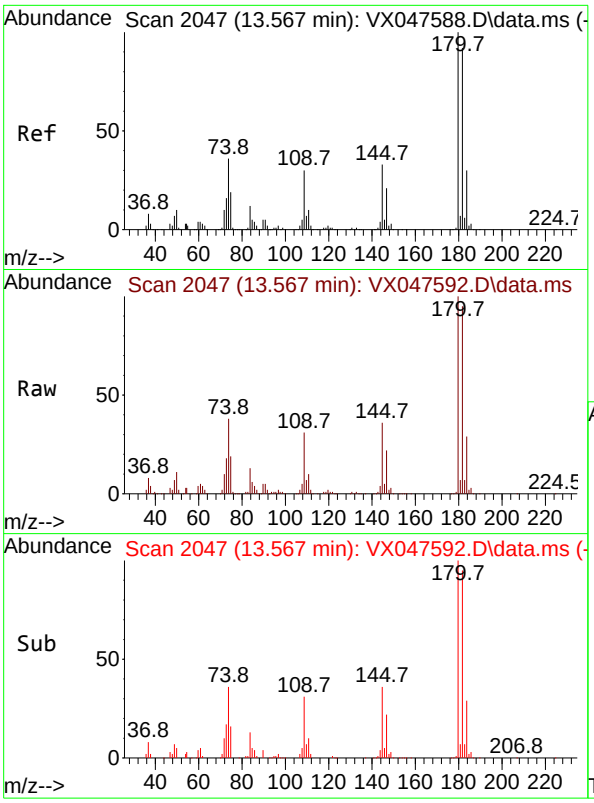


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.918 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 33020

Ion	Ratio	Lower	Upper
75	100		
155	79.1	37.7	113.1
157	103.2	49.8	149.4

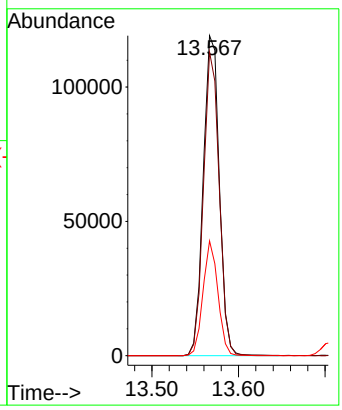




#93
1,2,4-Trichlorobenzene
Concen: 51.133 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:180 Resp: 15333

Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.6	139.8
145	33.3	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

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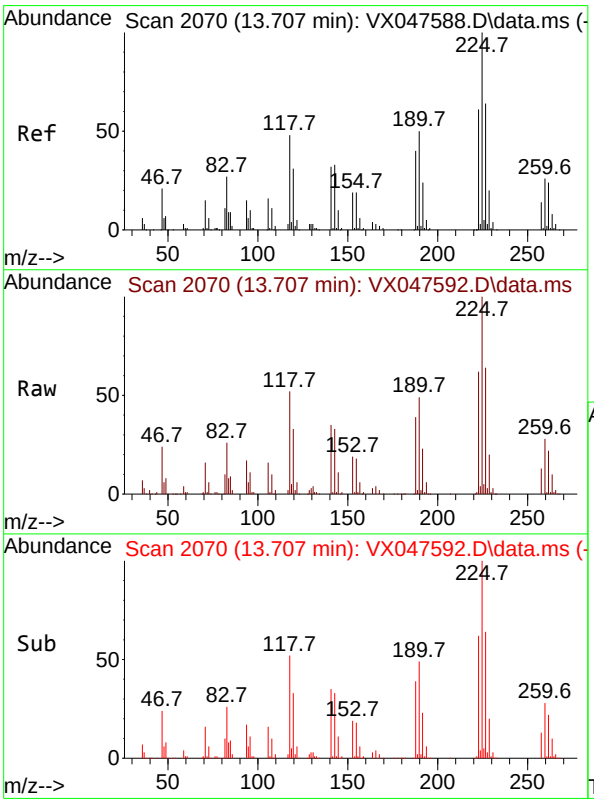
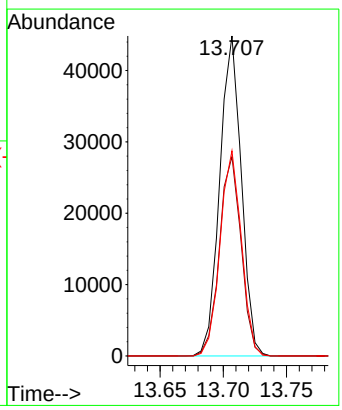
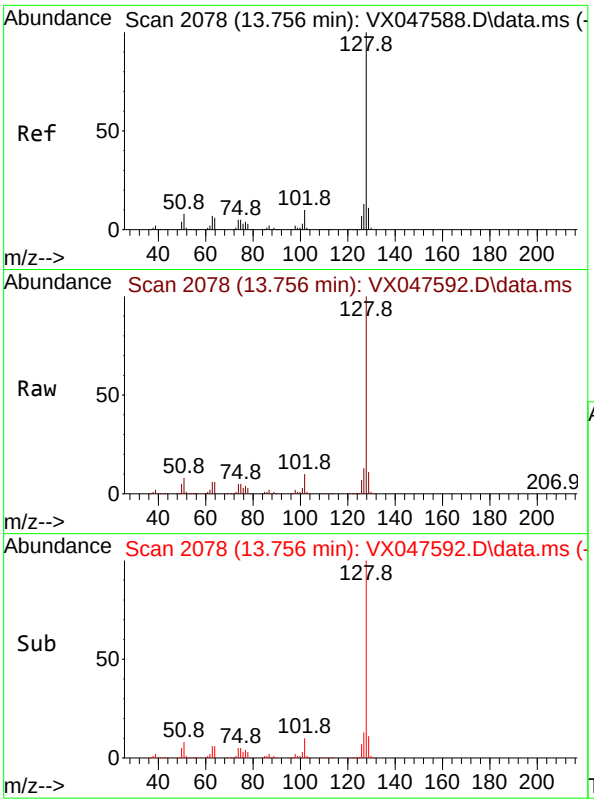


#94
Hexachlorobutadiene
Concen: 52.131 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:225 Resp: 53099

Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.7	95.1
227	63.3	32.0	96.0

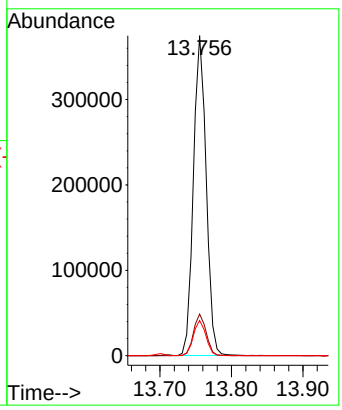




#95
Naphthalene
Concen: 50.836 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:128 Resp: 46420

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
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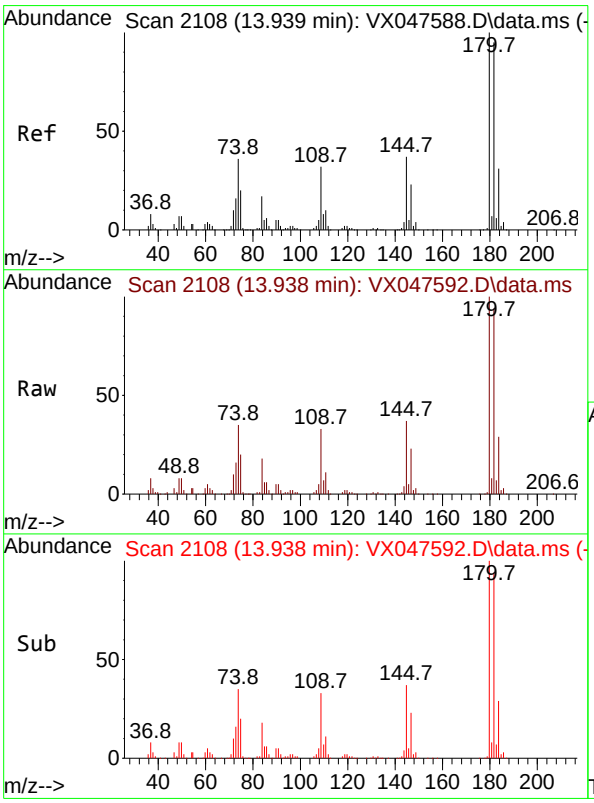
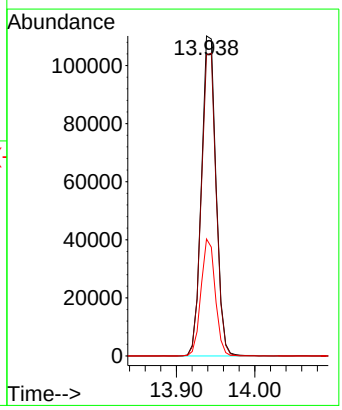


#96
1,2,3-Trichlorobenzene
Concen: 51.054 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:180 Resp: 142413

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	35.6	17.9	53.7



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	108	-0.01
2	T	Dichlorodifluoromethane	0.518	0.462	10.8	99	0.00
3	P	Chloromethane	0.680	0.595	12.5	97	0.00
4	C	Vinyl Chloride	0.666	0.610	8.4#	99	0.00
5	T	Bromomethane	0.422	0.410	2.8	104	0.00
6	T	Chloroethane	0.445	0.415	6.7	101	0.00
7	T	Trichlorofluoromethane	0.989	0.931	5.9	101	0.00
8	T	Diethyl Ether	0.405	0.378	6.7	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.561	2.9	103	0.00
10	T	Methyl Iodide	0.902	0.834	7.5	98	0.00
11	T	Tert butyl alcohol	0.089	0.091	-2.2	110	0.00
12	CM	1,1-Dichloroethene	0.594	0.559	5.9#	100	0.00
13	T	Acrolein	0.082	0.083	-1.2	110	0.00
14	T	Allyl chloride	1.226	1.146	6.5	102	0.00
15	T	Acrylonitrile	0.328	0.333	-1.5	103	0.00
16	T	Acetone	0.346	0.339	2.0	115	0.00
17	T	Carbon Disulfide	1.626	1.463	10.0	100	0.00
18	T	Methyl Acetate	0.770	0.850	-10.4	104	0.00
19	T	Methyl tert-butyl Ether	2.169	2.105	3.0	101	0.00
20	T	Methylene Chloride	0.732	0.674	7.9	99	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.597	6.7	99	0.00
22	T	Diisopropyl ether	2.376	2.289	3.7	99	-0.01
23	T	Vinyl Acetate	1.901	1.867	1.8	101	0.00
24	P	1,1-Dichloroethane	1.263	1.213	4.0	101	0.00
25	T	2-Butanone	0.432	0.438	-1.4	107	0.00
26	T	2,2-Dichloropropane	1.050	1.039	1.0	105	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.765	2.3	102	0.00
28	T	Bromochloromethane	0.551	0.514	6.7	96	-0.01
29	T	Tetrahydrofuran	0.260	0.263	-1.2	103	0.00
30	C	Chloroform	1.276	1.244	2.5#	101	0.00
31	T	Cyclohexane	1.052	0.968	8.0	101	0.00
32	T	1,1,1-Trichloroethane	1.082	1.060	2.0	101	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.725	8.9	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35	S	Dibromofluoromethane	0.335	0.306	8.7	100	0.00
36	T	1,1-Dichloropropene	0.490	0.457	6.7	101	0.00
37	T	Ethyl Acetate	0.525	0.517	1.5	105	-0.01
38	T	Carbon Tetrachloride	0.532	0.500	6.0	100	-0.01
39	T	Methylcyclohexane	0.556	0.541	2.7	103	0.00
40	TM	Benzene	1.488	1.410	5.2	100	0.00
41	T	Methacrylonitrile	0.271	0.274	-1.1	103	0.00
42	TM	1,2-Dichloroethane	0.566	0.531	6.2	98	0.00
43	T	Isopropyl Acetate	0.860	0.846	1.6	102	0.00
44	TM	Trichloroethene	0.360	0.346	3.9	101	0.00
45	C	1,2-Dichloropropane	0.381	0.366	3.9#	100	0.00
46	T	Dibromomethane	0.277	0.266	4.0	100	0.00
47	T	Bromodichloromethane	0.572	0.558	2.4	99	0.00
48	T	Methyl methacrylate	0.429	0.427	0.5	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.005	-25.0	106	0.00
50	S	Toluene-d8	1.160	1.077	7.2	101	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.488	-2.3	103	0.00
52	CM	Toluene	0.917	0.883	3.7#	101	0.00
53	T	t-1,3-Dichloropropene	0.584	0.578	1.0	101	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.615	1.4	102	0.00
55	T	1,1,2-Trichloroethane	0.354	0.338	4.5	99	0.00
56	T	Ethyl methacrylate	0.555	0.572	-3.1	103	0.00
57	T	1,3-Dichloropropane	0.607	0.594	2.1	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.238	-4.8	94	0.00
59	T	2-Hexanone	0.343	0.347	-1.2	104	0.00
60	T	Dibromochloromethane	0.407	0.406	0.2	101	0.00
61	T	1,2-Dibromoethane	0.360	0.355	1.4	101	0.00
62	S	4-Bromofluorobenzene	0.440	0.410	6.8	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.326	0.315	3.4	103	0.00
65	PM	Chlorobenzene	1.136	1.103	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.383	2.3	99	0.00
67	C	Ethyl Benzene	1.960	1.953	0.4#	102	0.00
68	T	m/p-Xylenes	0.729	0.722	1.0	101	0.00
69	T	o-Xylene	0.706	0.708	-0.3	101	0.00
70	T	Styrene	1.236	1.225	0.9	101	0.00
71	P	Bromoform	0.293	0.300	-2.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73	T	Isopropylbenzene	3.801	3.762	1.0	101	0.00
74	T	N-amyl acetate	1.733	1.746	-0.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.147	0.3	102	0.00
76	T	1,2,3-Trichloropropane	1.012	1.076	-6.3	104	0.00
77	T	Bromobenzene	0.936	0.902	3.6	100	0.00
78	T	n-propylbenzene	4.494	4.430	1.4	101	0.00
79	T	2-Chlorotoluene	2.752	2.704	1.7	101	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.127	-0.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.401	-1.0	106	0.00
82	T	4-Chlorotoluene	3.251	3.196	1.7	101	0.00
83	T	tert-Butylbenzene	3.197	3.177	0.6	103	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.161	0.2	103	0.00
85	T	sec-Butylbenzene	3.797	3.805	-0.2	103	0.00
86	T	p-Isopropyltoluene	3.215	3.206	0.3	102	0.00
87	T	1,3-Dichlorobenzene	1.739	1.705	2.0	102	0.00
88	T	1,4-Dichlorobenzene	1.785	1.749	2.0	104	0.00
89	T	n-Butylbenzene	2.975	3.020	-1.5	105	0.00
90	T	Hexachloroethane	0.564	0.573	-1.6	105	0.00
91	T	1,2-Dichlorobenzene	1.657	1.634	1.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.237	-1.7	102	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.101	-2.2	104	0.00
94	T	Hexachlorobutadiene	0.366	0.381	-4.1	108	0.00
95	T	Naphthalene	3.279	3.334	-1.7	103	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	1.023	-2.1	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	108	-0.01
2	T	Dichlorodifluoromethane	50.000	44.592	10.8	99	0.00
3	P	Chloromethane	50.000	43.710	12.6	97	0.00
4	C	Vinyl Chloride	50.000	45.783	8.4#	99	0.00
5	T	Bromomethane	50.000	48.489	3.0	104	0.00
6	T	Chloroethane	50.000	46.575	6.8	101	0.00
7	T	Trichlorofluoromethane	50.000	47.074	5.9	101	0.00
8	T	Diethyl Ether	50.000	46.693	6.6	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.524	3.0	103	0.00
10	T	Methyl Iodide	50.000	46.210	7.6	98	0.00
11	T	Tert butyl alcohol	250.000	256.271	-2.5	110	0.00
12	CM	1,1-Dichloroethene	50.000	47.076	5.8#	100	0.00
13	T	Acrolein	250.000	254.867	-1.9	110	0.00
14	T	Allyl chloride	50.000	46.742	6.5	102	0.00
15	T	Acrylonitrile	250.000	253.567	-1.4	103	0.00
16	T	Acetone	250.000	245.006	2.0	115	0.00
17	T	Carbon Disulfide	50.000	44.966	10.1	100	0.00
18	T	Methyl Acetate	50.000	55.175	-10.3	104	0.00
19	T	Methyl tert-butyl Ether	50.000	48.538	2.9	101	0.00
20	T	Methylene Chloride	50.000	46.000	8.0	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.709	6.6	99	0.00
22	T	Diisopropyl ether	50.000	48.174	3.7	99	-0.01
23	T	Vinyl Acetate	250.000	245.539	1.8	101	0.00
24	P	1,1-Dichloroethane	50.000	48.041	3.9	101	0.00
25	T	2-Butanone	250.000	253.598	-1.4	107	0.00
26	T	2,2-Dichloropropane	50.000	49.494	1.0	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.826	2.3	102	0.00
28	T	Bromochloromethane	50.000	46.586	6.8	96	-0.01
29	T	Tetrahydrofuran	250.000	253.375	-1.4	103	0.00
30	C	Chloroform	50.000	48.739	2.5#	101	0.00
31	T	Cyclohexane	50.000	45.999	8.0	101	0.00
32	T	1,1,1-Trichloroethane	50.000	48.978	2.0	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.550	8.9	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	45.559	8.9	100	0.00
36	T	1,1-Dichloropropene	50.000	46.663	6.7	101	0.00
37	T	Ethyl Acetate	50.000	49.241	1.5	105	-0.01
38	T	Carbon Tetrachloride	50.000	46.935	6.1	100	-0.01
39	T	Methylcyclohexane	50.000	48.597	2.8	103	0.00
40	TM	Benzene	50.000	47.357	5.3	100	0.00
41	T	Methacrylonitrile	50.000	50.490	-1.0	103	0.00
42	TM	1,2-Dichloroethane	50.000	46.867	6.3	98	0.00
43	T	Isopropyl Acetate	50.000	49.136	1.7	102	0.00
44	TM	Trichloroethene	50.000	48.037	3.9	101	0.00
45	C	1,2-Dichloropropane	50.000	48.053	3.9#	100	0.00
46	T	Dibromomethane	50.000	47.976	4.0	100	0.00
47	T	Bromodichloromethane	50.000	48.769	2.5	99	0.00
48	T	Methyl methacrylate	50.000	49.757	0.5	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1089.520	-9.0	106	0.00
50	S	Toluene-d8	50.000	46.411	7.2	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.752	-2.3	103	0.00
52	CM	Toluene	50.000	48.130	3.7#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	49.527	0.9	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.257	1.5	102	0.00
55	T	1,1,2-Trichloroethane	50.000	47.772	4.5	99	0.00
56	T	Ethyl methacrylate	50.000	51.490	-3.0	103	0.00
57	T	1,3-Dichloropropane	50.000	48.894	2.2	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	225.562	9.8	94	0.00
59	T	2-Hexanone	250.000	253.126	-1.3	104	0.00
60	T	Dibromochloromethane	50.000	49.824	0.4	101	0.00
61	T	1,2-Dibromoethane	50.000	49.297	1.4	101	0.00
62	S	4-Bromofluorobenzene	50.000	46.520	7.0	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	48.296	3.4	103	0.00
65	PM	Chlorobenzene	50.000	48.549	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.794	2.4	99	0.00
67	C	Ethyl Benzene	50.000	49.813	0.4#	102	0.00
68	T	m/p-Xylenes	100.000	98.956	1.0	101	0.00
69	T	o-Xylene	50.000	50.159	-0.3	101	0.00
70	T	Styrene	50.000	49.536	0.9	101	0.00
71	P	Bromoform	50.000	51.207	-2.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	49.479	1.0	101	0.00
74	T	N-amyl acetate	50.000	50.375	-0.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.851	0.3	102	0.00
76	T	1,2,3-Trichloropropane	50.000	53.124	-6.2	104	0.00
77	T	Bromobenzene	50.000	48.173	3.7	100	0.00
78	T	n-propylbenzene	50.000	49.295	1.4	101	0.00
79	T	2-Chlorotoluene	50.000	49.117	1.8	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.055	-0.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.543	-1.1	106	0.00
82	T	4-Chlorotoluene	50.000	49.164	1.7	101	0.00
83	T	tert-Butylbenzene	50.000	49.679	0.6	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.911	0.2	103	0.00
85	T	sec-Butylbenzene	50.000	50.100	-0.2	103	0.00
86	T	p-Isopropyltoluene	50.000	49.861	0.3	102	0.00
87	T	1,3-Dichlorobenzene	50.000	49.014	2.0	102	0.00
88	T	1,4-Dichlorobenzene	50.000	49.011	2.0	104	0.00
89	T	n-Butylbenzene	50.000	50.752	-1.5	105	0.00
90	T	Hexachloroethane	50.000	50.732	-1.5	105	0.00
91	T	1,2-Dichlorobenzene	50.000	49.304	1.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.918	-1.8	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.133	-2.3	104	0.00
94	T	Hexachlorobutadiene	50.000	52.131	-4.3	108	0.00
95	T	Naphthalene	50.000	50.836	-1.7	103	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.054	-2.1	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX047795.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: AECO15
Lab Code: ACE
SDG No.: Q3128
Instrument ID: MSVOA_X
Calibration Date/Time: 09/25/2025 08:56
Lab File ID: VX047795.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.627		21.04	20
Chloromethane	0.680	0.789	0.1	16.03	20
Vinyl Chloride	0.666	0.779		16.97	20
Bromomethane	0.422	0.471		11.61	20
Chloroethane	0.445	0.495		11.24	20
Trichlorofluoromethane	0.989	1.083		9.51	20
1,1,2-Trichlorotrifluoroethane	0.578	0.618		6.92	20
1,1-Dichloroethene	0.594	0.663		11.62	20
Acetone	0.346	0.336		-2.89	20
Carbon Disulfide	1.626	1.765		8.55	20
Methyl tert-butyl Ether	2.169	2.414		11.3	20
Methyl Acetate	0.770	0.985		27.92	20
Methylene Chloride	0.732	0.817		11.61	20
trans-1,2-Dichloroethene	0.640	0.703		9.84	20
1,1-Dichloroethane	1.263	1.370	0.1	8.47	20
Cyclohexane	1.052	1.056		0.38	20
2-Butanone	0.432	0.496		14.81	20
Carbon Tetrachloride	0.532	0.538		1.13	20
cis-1,2-Dichloroethene	0.783	0.854		9.07	20
Bromochloromethane	0.551	0.621		12.7	20
Chloroform	1.276	1.421		11.36	20
1,1,1-Trichloroethane	1.082	1.142		5.55	20
Methylcyclohexane	0.556	0.530		-4.68	20
Benzene	1.488	1.598		7.39	20
1,2-Dichloroethane	0.566	0.594		4.95	20
Trichloroethene	0.360	0.380		5.56	20
1,2-Dichloropropane	0.381	0.418		9.71	20
Bromodichloromethane	0.572	0.613		7.17	20
4-Methyl-2-Pentanone	0.477	0.566		18.66	20
Toluene	0.917	0.962		4.91	20
t-1,3-Dichloropropene	0.584	0.544		-6.85	20
cis-1,3-Dichloropropene	0.624	0.601		-3.69	20
1,1,2-Trichloroethane	0.354	0.390		10.17	20
2-Hexanone	0.343	0.392		14.29	20
Dibromochloromethane	0.407	0.449		10.32	20
1,2-Dibromoethane	0.360	0.409		13.61	20
Tetrachloroethene	0.326	0.353		8.28	20
Chlorobenzene	1.136	1.192	0.3	4.93	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data: **VX047795.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	AECO15
Lab Code:	ACE	SDG No.:	Q3128
Instrument ID:	MSVOA_X	Calibration Date/Time:	09/25/2025 08:56
Lab File ID:	VX047795.D	Init. Calib. Date(s):	09/16/2025 09/16/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:23 12:01

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.012		2.65	20
m/p-Xylenes	0.729	0.757		3.84	20
o-Xylene	0.706	0.737		4.39	20
Styrene	1.236	1.303		5.42	20
Bromoform	0.293	0.318	0.1	8.53	20
Isopropylbenzene	3.801	3.828		0.71	20
1,1,2,2-Tetrachloroethane	1.150	1.273	0.3	10.7	20
1,3-Dichlorobenzene	1.739	1.748		0.52	20
1,4-Dichlorobenzene	1.785	1.750		-1.96	20
1,2-Dichlorobenzene	1.657	1.689		1.93	20
1,2-Dibromo-3-Chloropropane	0.233	0.250		7.3	20
1,2,4-Trichlorobenzene	1.077	1.039		-3.53	20
1,2,3-Trichlorobenzene	1.002	1.016		1.4	20
1,2-Dichloroethane-d4	0.796	0.817		2.64	20
Dibromofluoromethane	0.335	0.351		4.78	20
Toluene-d8	1.160	1.182		1.9	20
4-Bromofluorobenzene	0.440	0.443		0.68	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\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	136107	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	245940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	107538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	111151	51.305	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.600%			
35) Dibromofluoromethane	5.367	113	86395	52.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.760%			
50) Toluene-d8	8.629	98	290687	50.933	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.860%			
62) 4-Bromofluorobenzene	11.061	95	108988	50.317	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	85355	60.561	ug/l	98
3) Chloromethane	1.301	50	107444	58.004	ug/l	100
4) Vinyl Chloride	1.380	62	105978	58.447	ug/l	99
5) Bromomethane	1.611	94	64102	55.750	ug/l	100
6) Chloroethane	1.691	64	67339	55.564	ug/l	99
7) Trichlorofluoromethane	1.892	101	147449	54.767	ug/l	100
8) Diethyl Ether	2.136	74	61356	55.711	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	84112	53.429	ug/l	99
10) Methyl Iodide	2.453	142	131184	53.431	ug/l	99
11) Tert butyl alcohol	2.941	59	67880	281.323	ug/l	99
12) 1,1-Dichloroethene	2.319	96	90179	55.766	ug/l	99
13) Acrolein	2.233	56	64908	291.917	ug/l	99
14) Allyl chloride	2.660	41	163527	49.005	ug/l	96
15) Acrylonitrile	3.056	53	281907	315.422	ug/l	98
16) Acetone	2.374	43	228516	242.588	ug/l	96
17) Carbon Disulfide	2.514	76	240263	54.273	ug/l	99
18) Methyl Acetate	2.697	43	134060	63.948	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	328607	55.667	ug/l	97
20) Methylene Chloride	2.788	84	111197	55.767	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	95656	54.943	ug/l	97
22) Diisopropyl ether	3.745	45	356628	55.145	ug/l #	84
23) Vinyl Acetate	3.709	43	1440799	278.368	ug/l	99
24) 1,1-Dichloroethane	3.599	63	186425	54.236	ug/l	99
25) 2-Butanone	4.538	43	337440	287.179	ug/l	96
26) 2,2-Dichloropropane	4.459	77	73225	25.628	ug/l	93
27) cis-1,2-Dichloroethene	4.471	96	116288	54.540	ug/l	93
28) Bromochloromethane	4.879	49	84484	56.300	ug/l	99
29) Tetrahydrofuran	4.983	42	217295	307.408	ug/l	99
30) Chloroform	5.074	83	193461	55.697	ug/l	98
31) Cyclohexane	5.452	56	143723	50.203	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	155394	52.743	ug/l	100
36) 1,1-Dichloropropene	5.672	75	119329	49.510	ug/l	98
37) Ethyl Acetate	4.690	43	144473	55.984	ug/l	98
38) Carbon Tetrachloride	5.660	117	132383	50.553	ug/l	95
39) Methylcyclohexane	7.360	83	130264	47.613	ug/l	98
40) Benzene	6.019	78	393020	53.689	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	77739	58.352	ug/l		99
42) 1,2-Dichloroethane	6.068	62	146101	52.455	ug/l		98
43) Isopropyl Acetate	6.318	43	231987	54.813	ug/l		99
44) Trichloroethene	7.104	130	93408	52.779	ug/l		97
45) 1,2-Dichloropropane	7.409	63	102723	54.802	ug/l		99
46) Dibromomethane	7.562	93	73128	53.611	ug/l		95
47) Bromodichloromethane	7.806	83	150738	53.552	ug/l		99
48) Methyl methacrylate	7.677	41	117391	55.683	ug/l		98
49) 1,4-Dioxane	7.641	88	28456	1335.620	ug/l		99
51) 4-Methyl-2-Pentanone	8.555	43	695695	296.468	ug/l		100
52) Toluene	8.702	92	236487	52.436	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	133747	46.584	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	147846	48.178	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	95832	55.106	ug/l		99
56) Ethyl methacrylate	9.098	69	153461	56.190	ug/l		97
57) 1,3-Dichloropropane	9.293	76	166700	55.801	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	397473	300.637	ug/l		100
59) 2-Hexanone	9.415	43	481760	285.853	ug/l		98
60) Dibromochloromethane	9.506	129	110503	55.147	ug/l		99
61) 1,2-Dibromoethane	9.592	107	100623	56.807	ug/l		99
64) Tetrachloroethene	9.256	164	77730	54.134	ug/l		97
65) Chlorobenzene	10.061	112	262625	52.484	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	91037	52.723	ug/l		99
67) Ethyl Benzene	10.177	91	443118	51.323	ug/l		100
68) m/p-Xylenes	10.287	106	333476	103.770	ug/l		98
69) o-Xylene	10.622	106	162415	52.252	ug/l		97
70) Styrene	10.640	104	286982	52.692	ug/l		98
71) Bromoform	10.781	173	70044	54.326	ug/l	#	98
73) Isopropylbenzene	10.945	105	411651	50.350	ug/l		100
74) N-amyl acetate	10.823	43	197362	52.937	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	136864	55.331	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	108147m	49.670	ug/l		
77) Bromobenzene	11.177	156	104192	51.743	ug/l		96
78) n-propylbenzene	11.287	91	479655	49.629	ug/l		100
79) 2-Chlorotoluene	11.348	91	295615	49.940	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	335426	49.936	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	34506	40.415	ug/l		99
82) 4-Chlorotoluene	11.439	91	346198	49.519	ug/l		99
83) tert-Butylbenzene	11.695	119	328139	47.721	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	342751	50.330	ug/l		99
85) sec-Butylbenzene	11.872	105	399335	48.893	ug/l		99
86) p-Isopropyltoluene	11.988	119	336196	48.621	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	187962	50.255	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	188229	49.035	ug/l		99
89) n-Butylbenzene	12.311	91	299204	46.765	ug/l		99
90) Hexachloroethane	12.518	117	60775	50.062	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	181599	50.965	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26900	53.714	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	111739	48.251	ug/l		98
94) Hexachlorobutadiene	13.701	225	36360	46.224	ug/l		97
95) Naphthalene	13.756	128	369424	52.388	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	109206	50.695	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

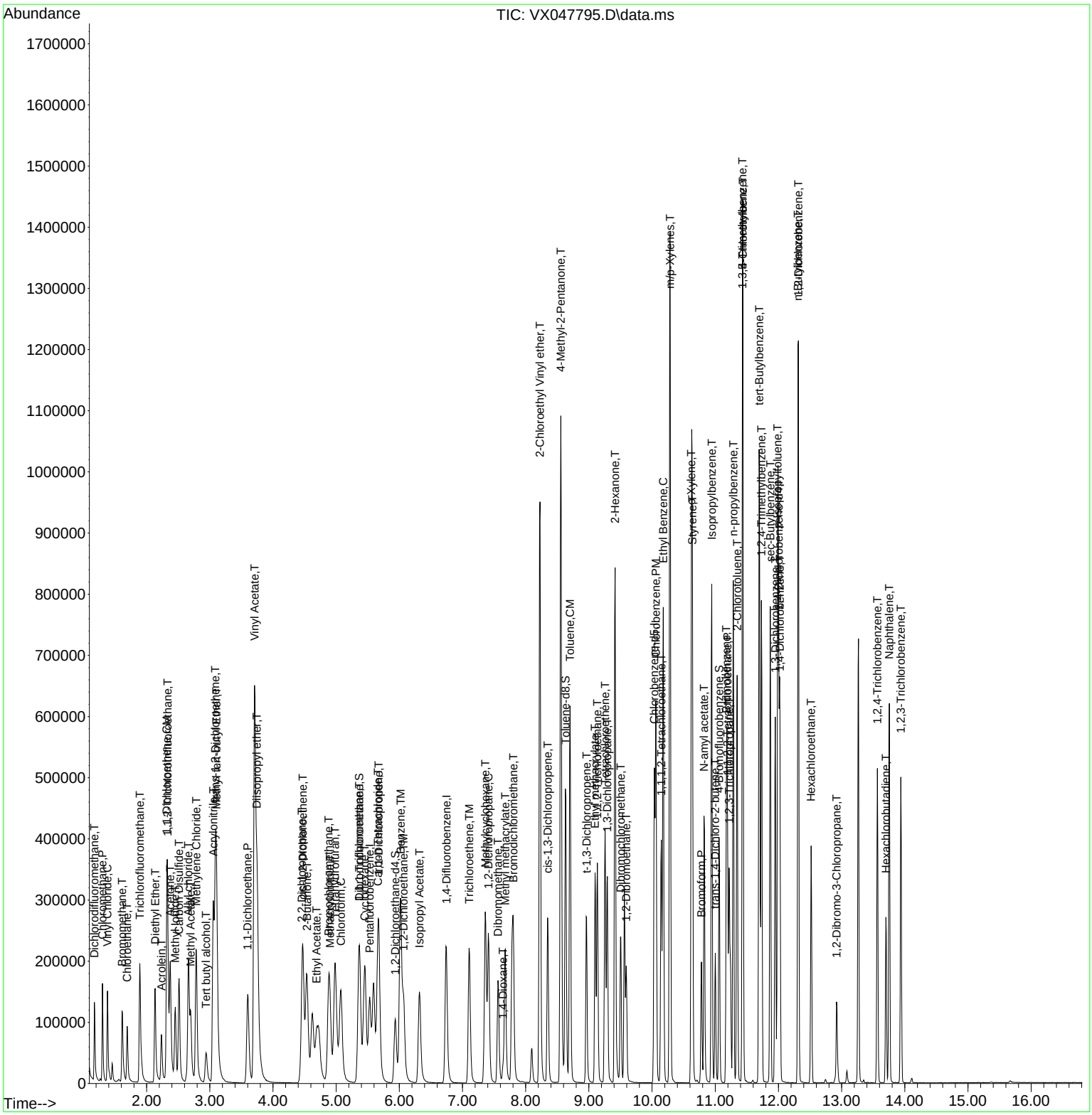
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

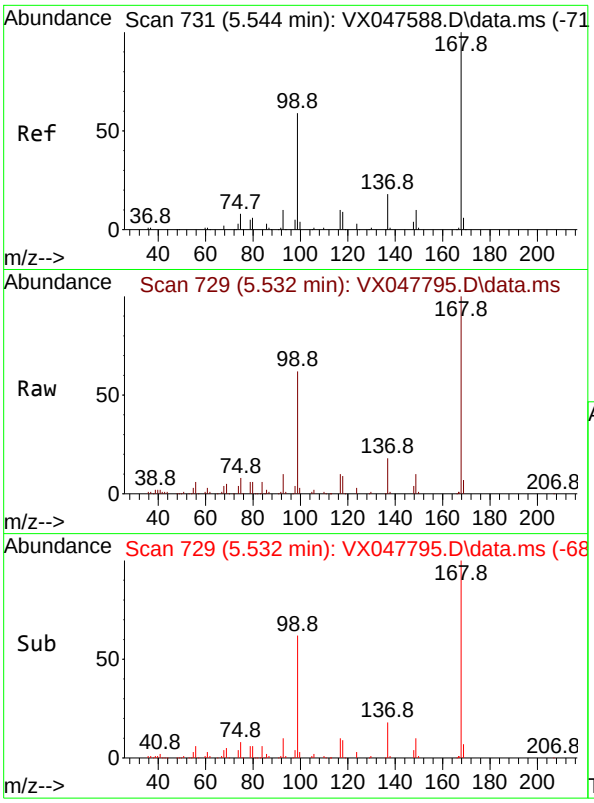
Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

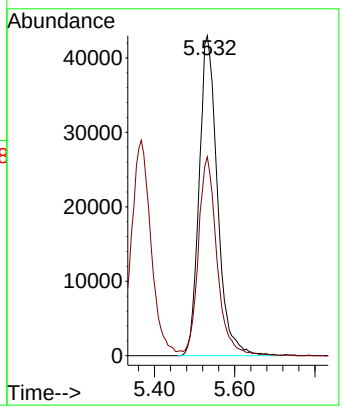




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:168 Resp: 13610

Ion	Ratio	Lower	Upper
168	100		
99	62.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
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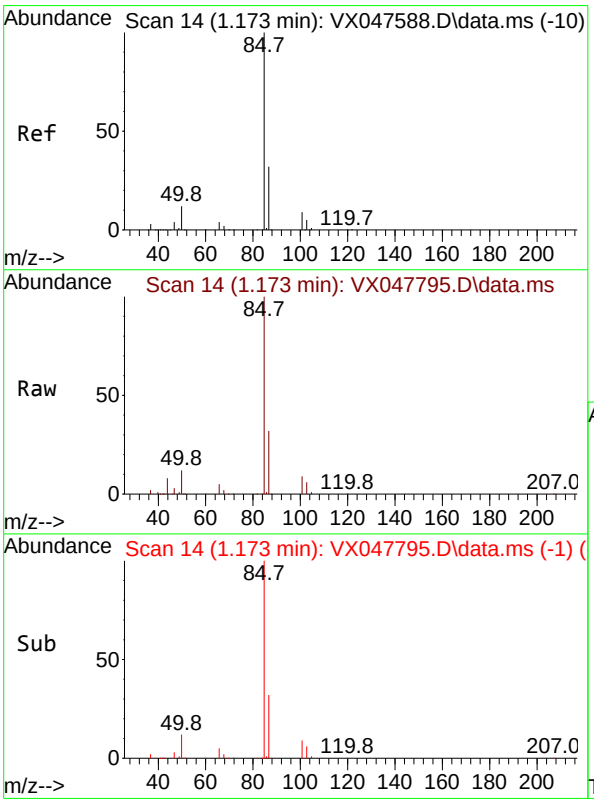
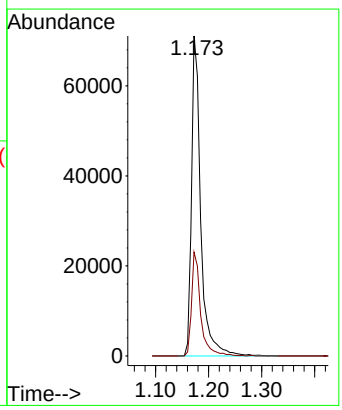
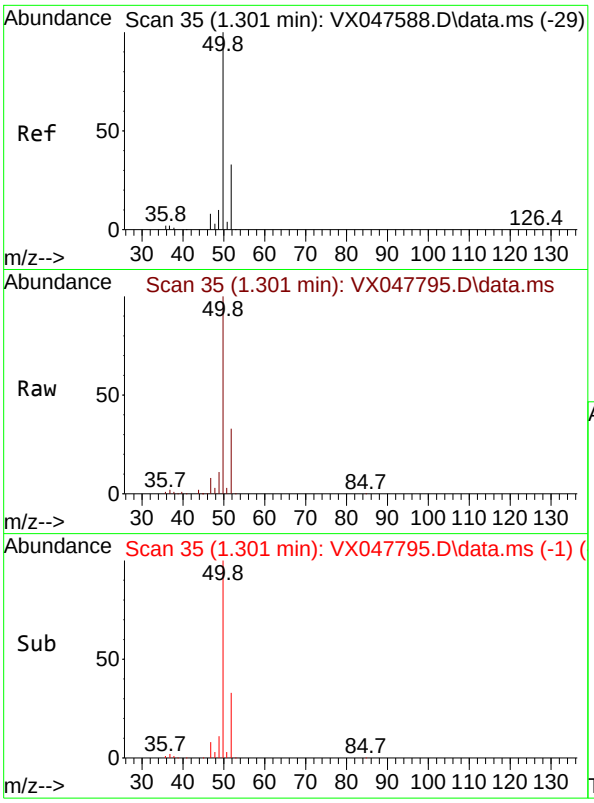


#2
Dichlorodifluoromethane
Concen: 60.561 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 85 Resp: 85355

Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.8	47.3

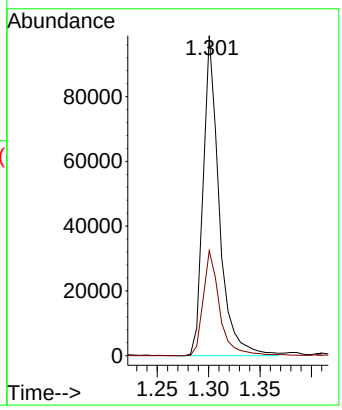




#3
Chloromethane
Concen: 58.004 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 50 Resp: 10744

Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
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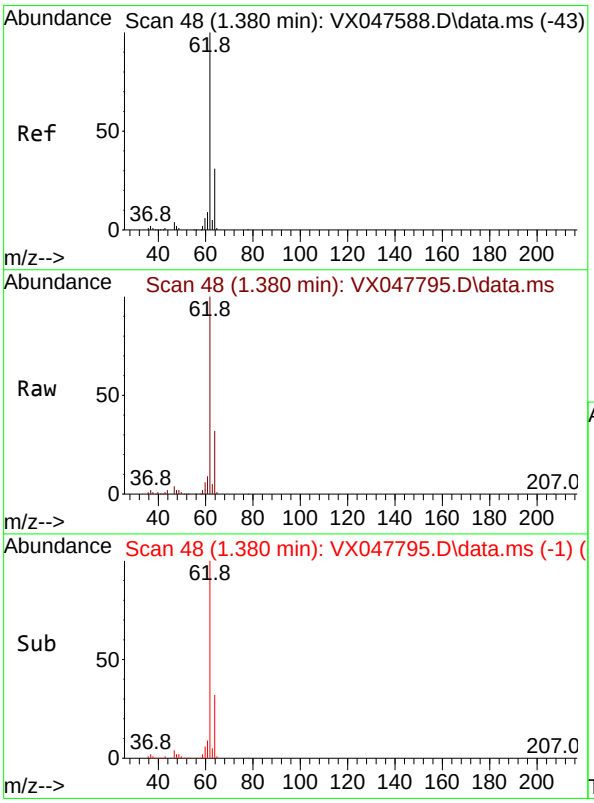
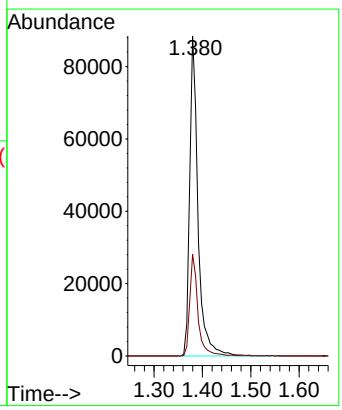
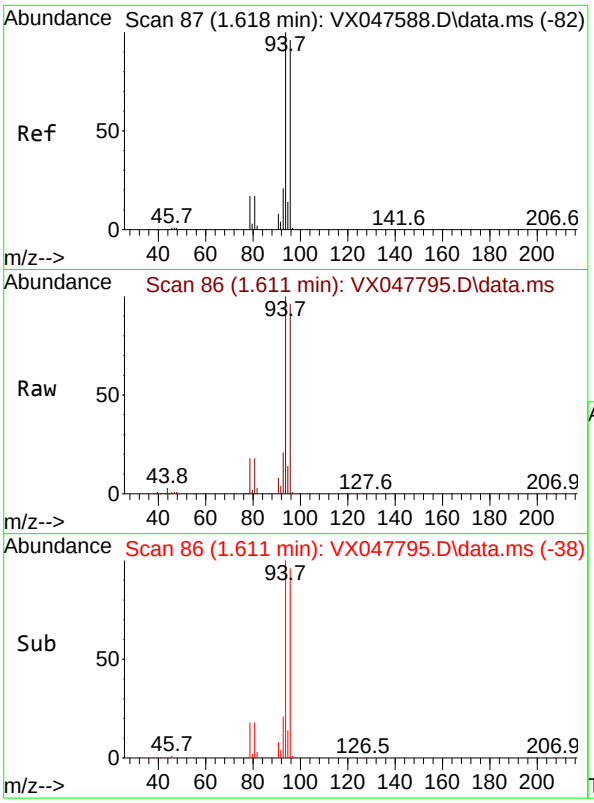


#4
Vinyl Chloride
Concen: 58.447 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 62 Resp: 105978

Ion	Ratio	Lower	Upper
62	100		
64	31.8	24.9	37.3

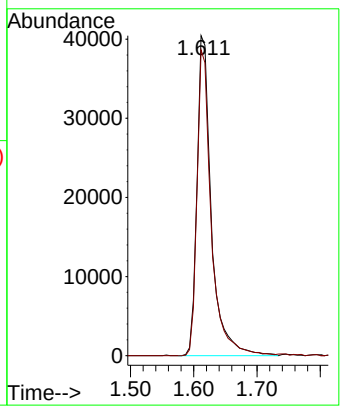




#5
Bromomethane
Concen: 55.750 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 94 Resp: 6410

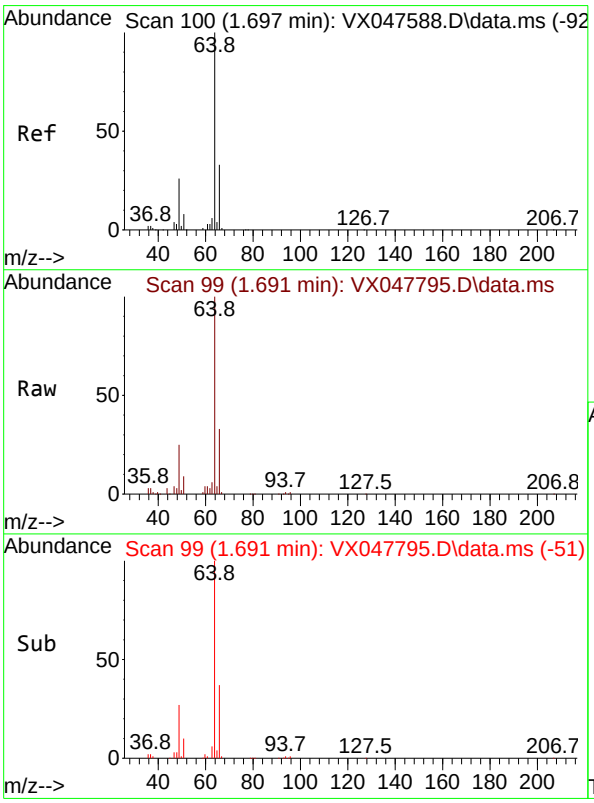
Ion	Ratio	Lower	Upper
94	100		
96	95.5	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

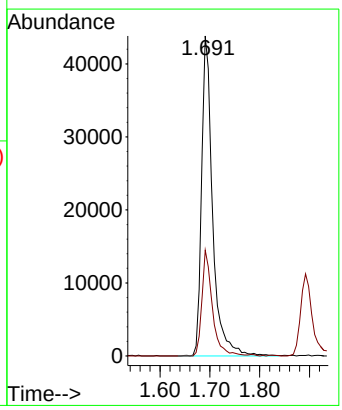
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

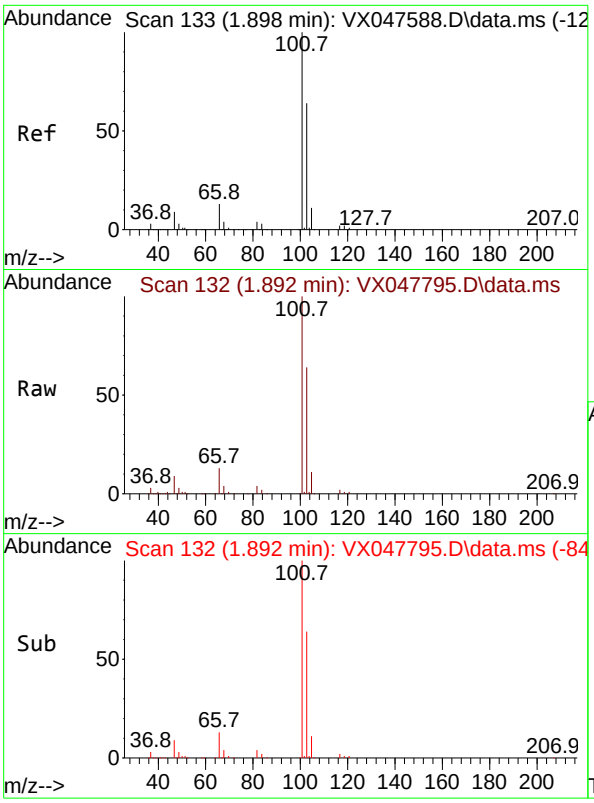


#6
Chloroethane
Concen: 55.564 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 64 Resp: 67339

Ion	Ratio	Lower	Upper
64	100		
66	33.1	26.1	39.1





#7
Trichlorofluoromethane
Concen: 54.767 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:101 Resp: 14744

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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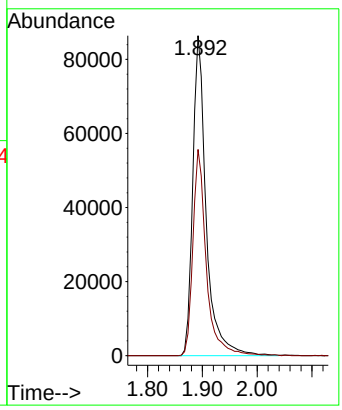
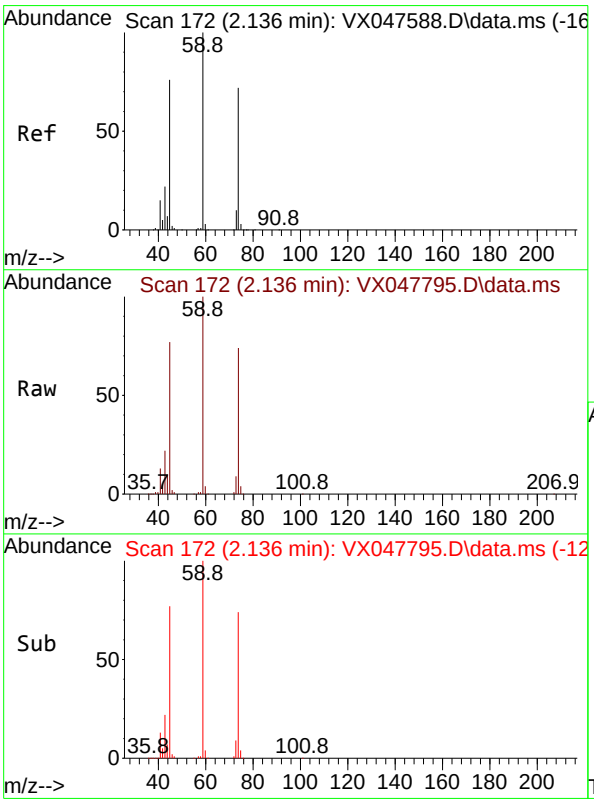
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

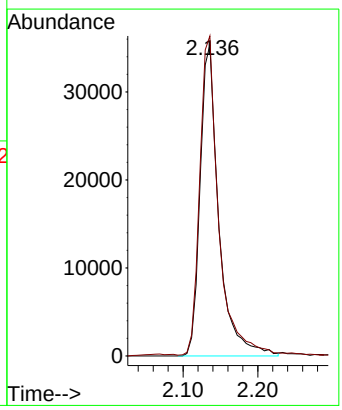


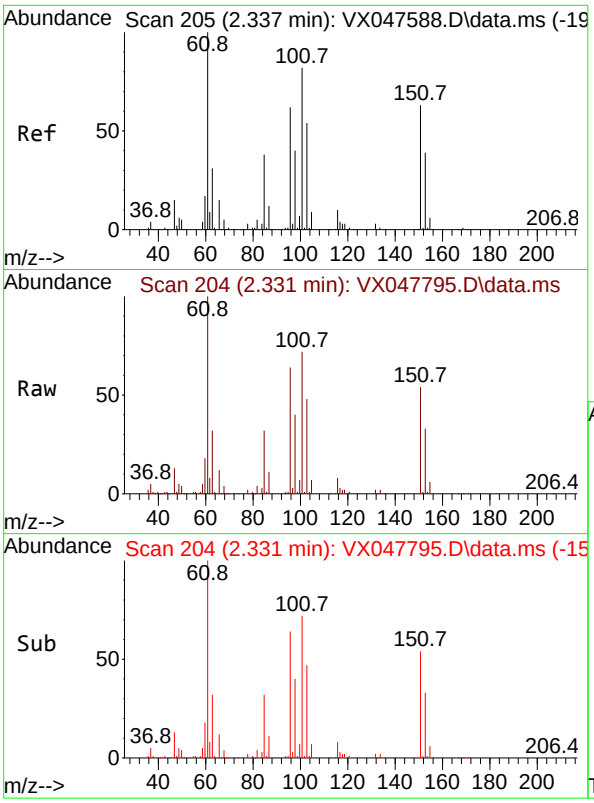


#8
Diethyl Ether
Concen: 55.711 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 74 Resp: 61356

Ion	Ratio	Lower	Upper
74	100		
45	105.9	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.429 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:101 Resp: 8411

Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.5	53.3
151	73.6	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
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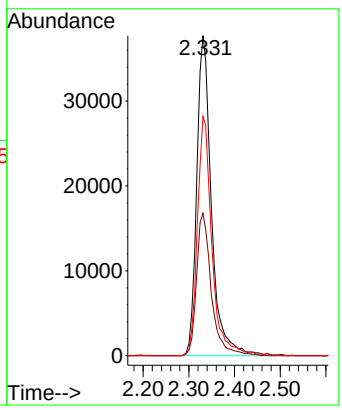
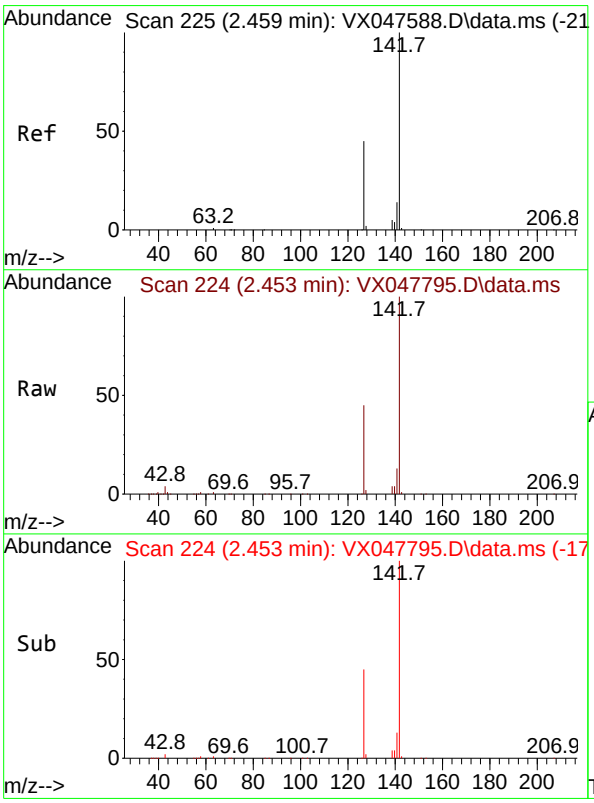
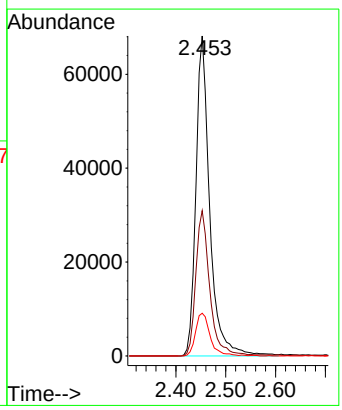


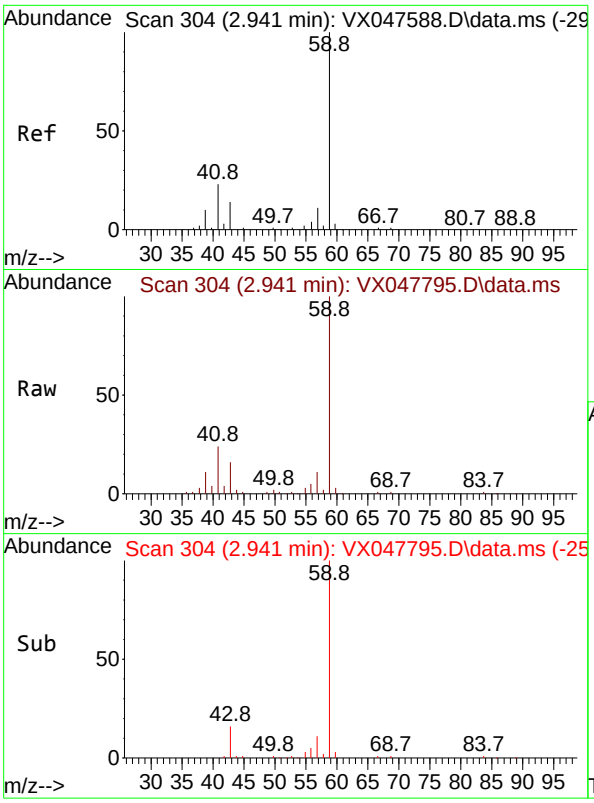


#10
Methyl Iodide
Concen: 53.431 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:142 Resp: 131184

Ion	Ratio	Lower	Upper
142	100		
127	45.9	37.2	55.8
141	14.2	11.4	17.0

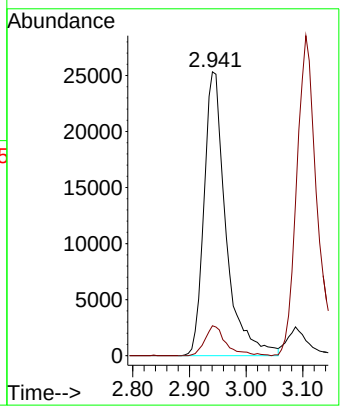




#11
Tert butyl alcohol
Concen: 281.323 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 59 Resp: 6788

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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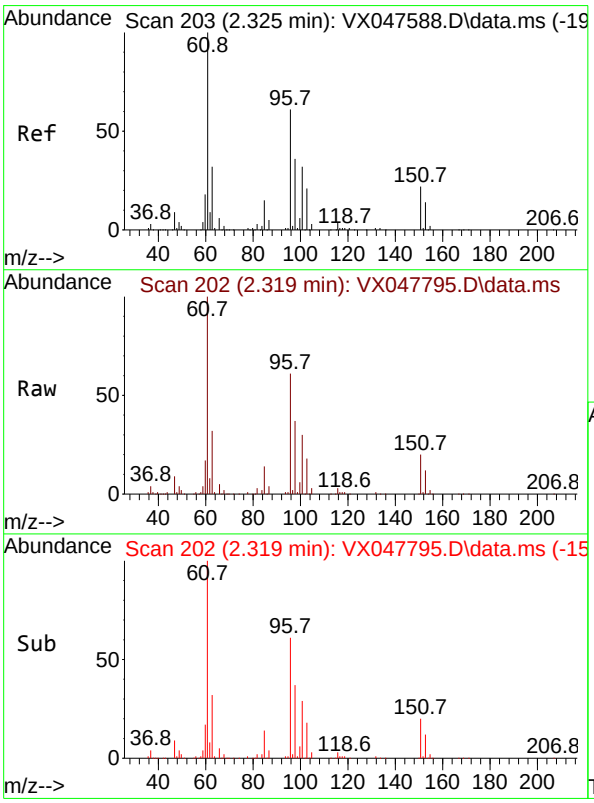
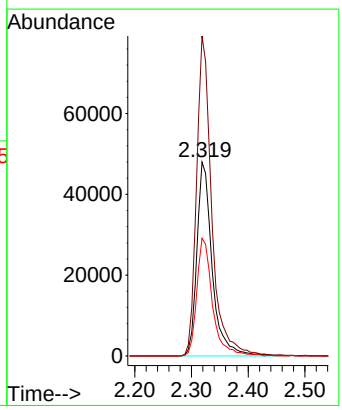
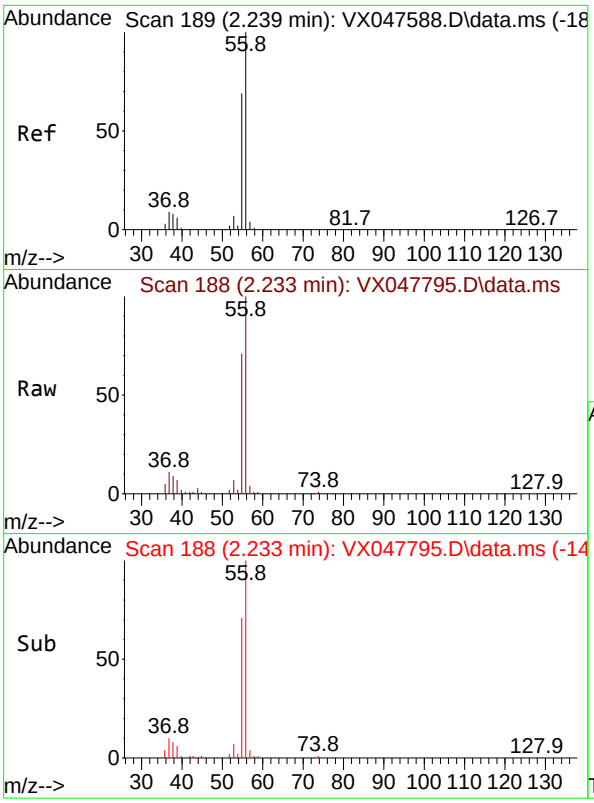


#12
1,1-Dichloroethene
Concen: 55.766 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 96 Resp: 90179

Ion	Ratio	Lower	Upper
96	100		
61	165.0	131.0	196.6
98	60.7	47.7	71.5

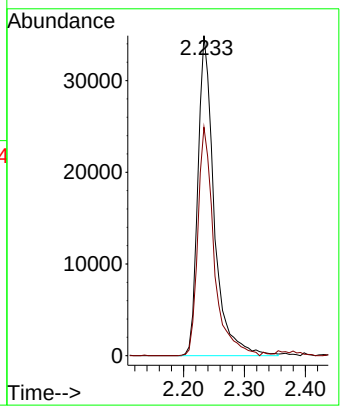




#13
Acrolein
Concen: 291.917 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 56 Resp: 6490

Ion	Ratio	Lower	Upper
56	100		
55	70.9	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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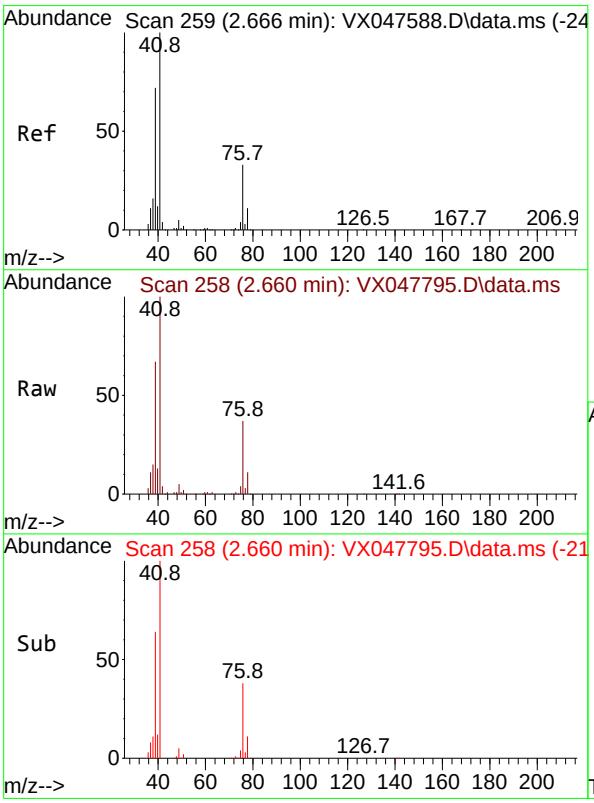
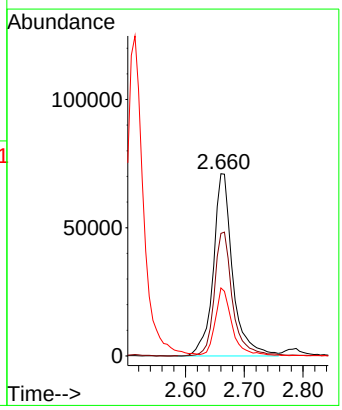
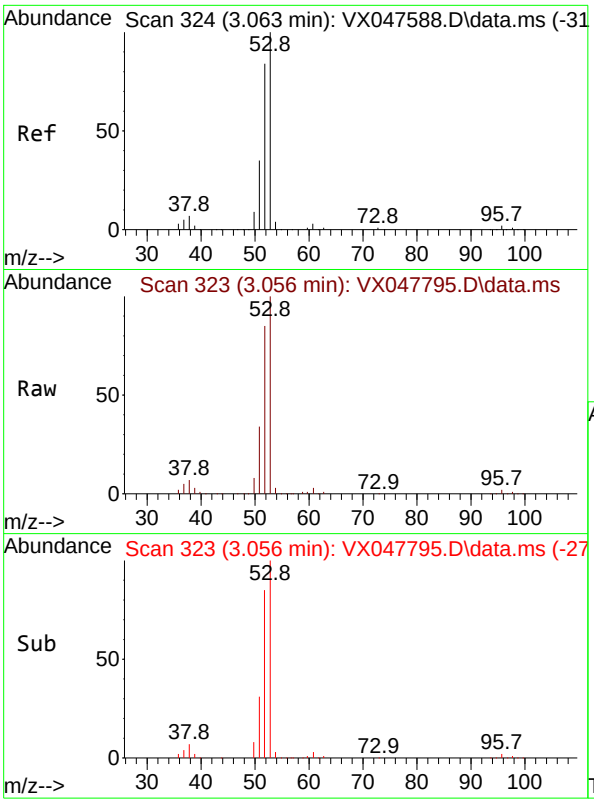


#14
Allyl chloride
Concen: 49.005 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 41 Resp: 163527

Ion	Ratio	Lower	Upper
41	100		
39	63.9	54.7	82.1
76	32.7	25.7	38.5

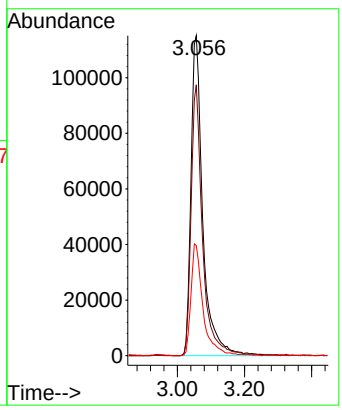




#15
Acrylonitrile
Concen: 315.422 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 53 Resp: 28190

Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.4	99.6
51	35.7	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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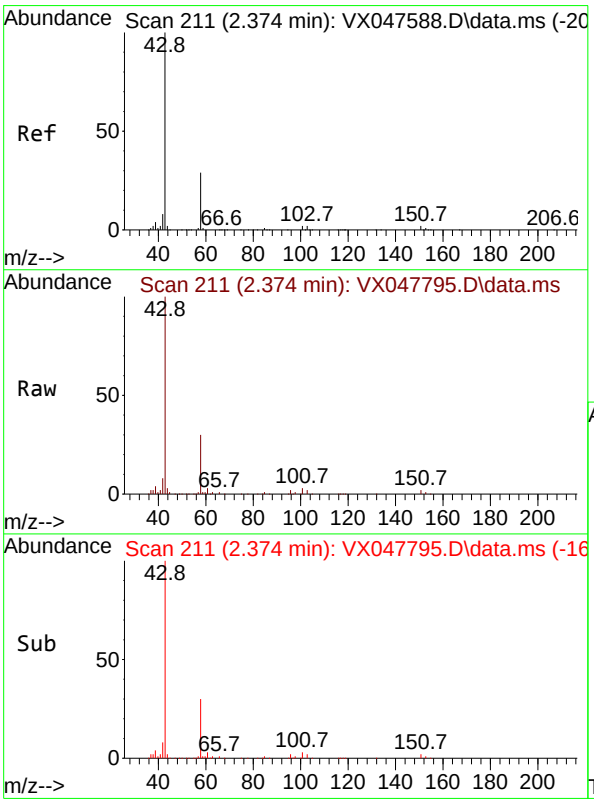
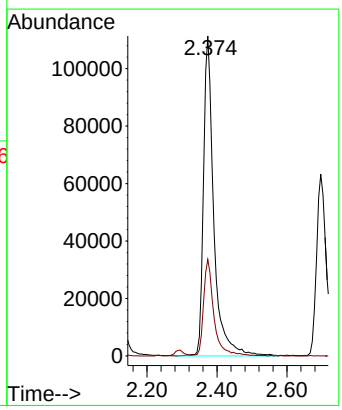
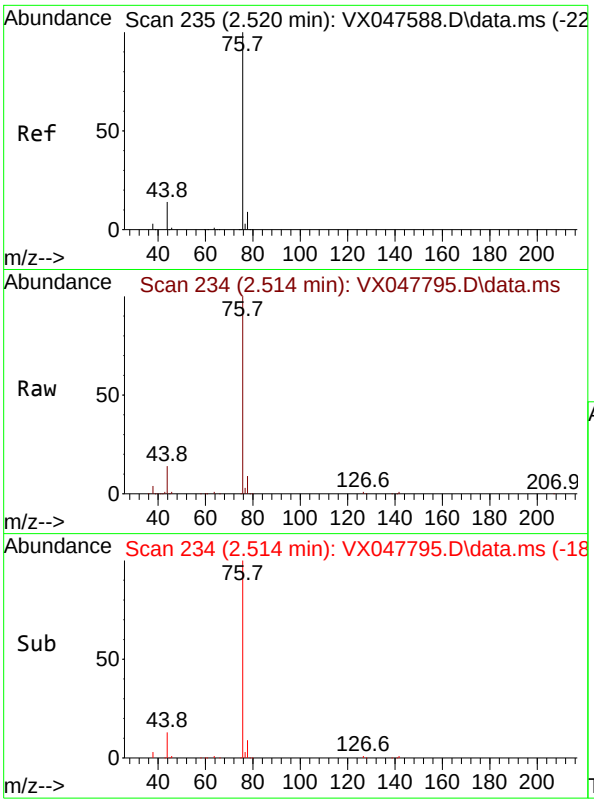


#16
Acetone
Concen: 242.588 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 228516

Ion	Ratio	Lower	Upper
43	100		
58	31.1	23.4	35.0





#17
Carbon Disulfide
Concen: 54.273 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 76 Resp: 24026

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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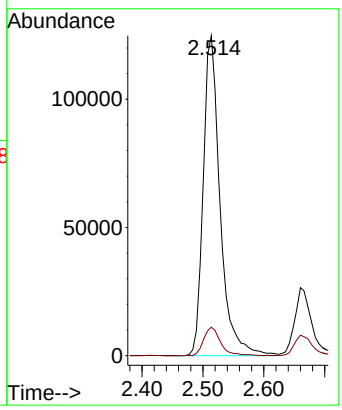
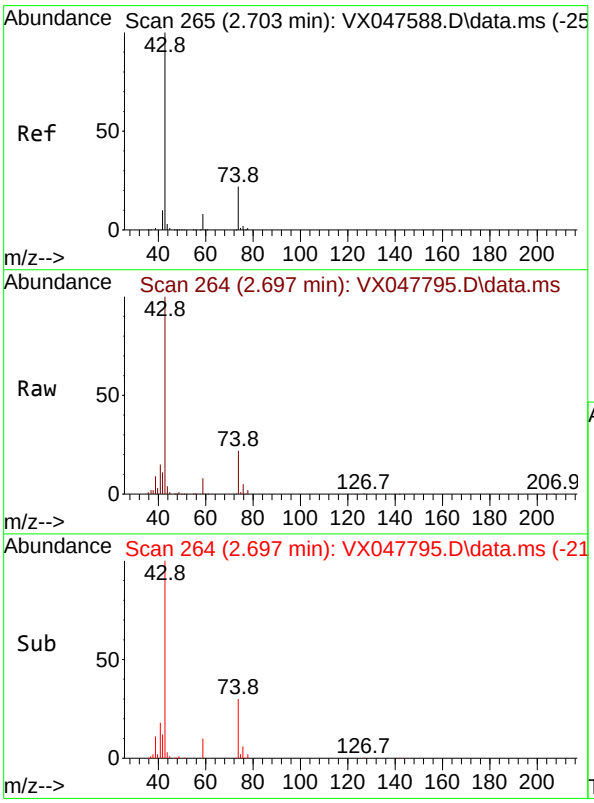
Supervised By :Mahesh Dadoda 09/29/2025

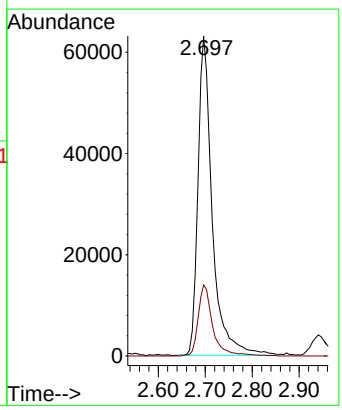


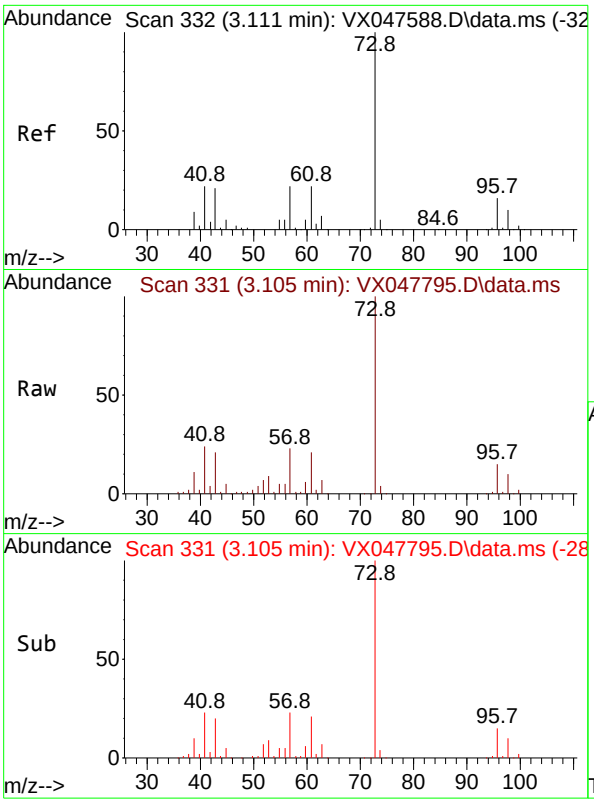


#18
Methyl Acetate
Concen: 63.948 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 134060

Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.4	26.2

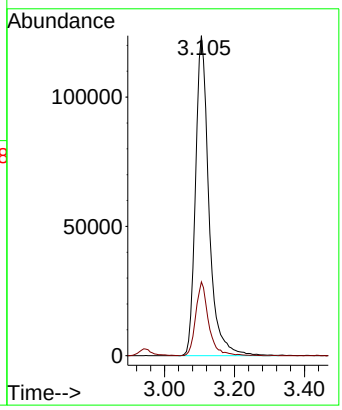




#19
Methyl tert-butyl Ether
Concen: 55.667 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 73 Resp: 32860

Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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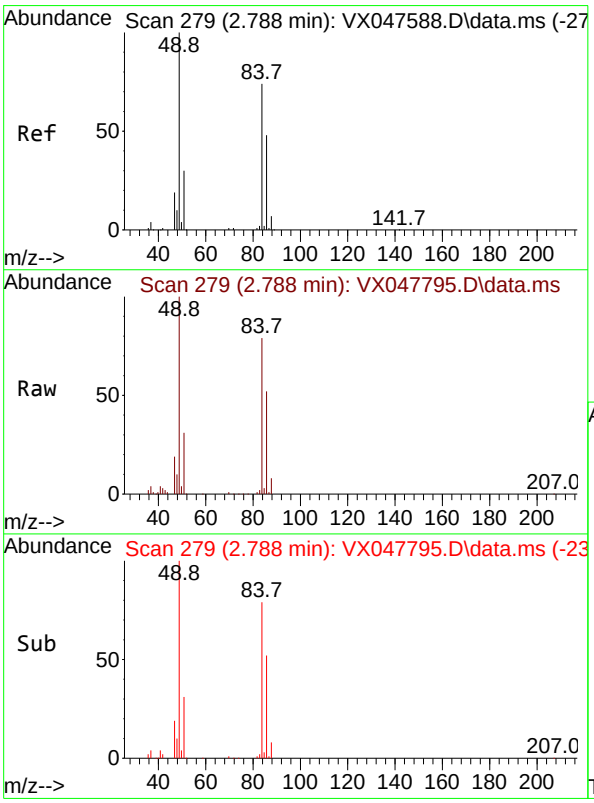
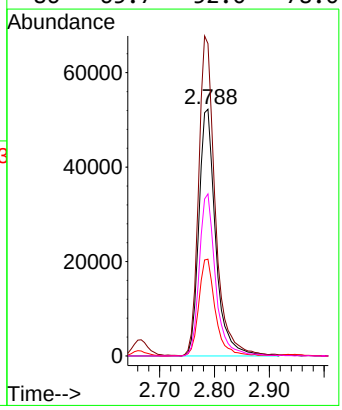
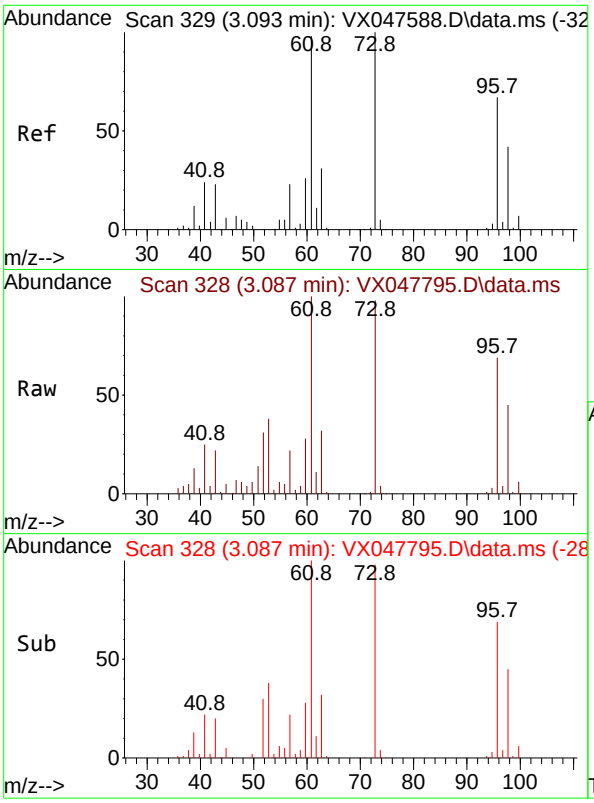


#20
Methylene Chloride
Concen: 55.767 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 84 Resp: 111197

Ion	Ratio	Lower	Upper
84	100		
49	126.4	108.6	162.8
51	39.2	32.6	48.8
86	65.7	52.0	78.0

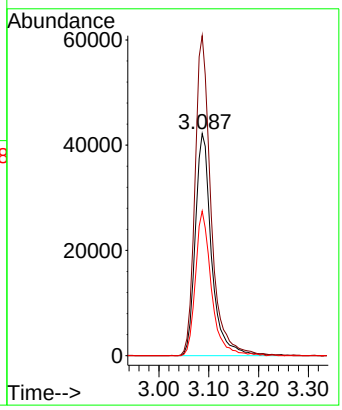




#21
trans-1,2-Dichloroethene
Concen: 54.943 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 96 Resp: 9565

Ion	Ratio	Lower	Upper
96	100		
61	144.0	116.2	174.2
98	66.6	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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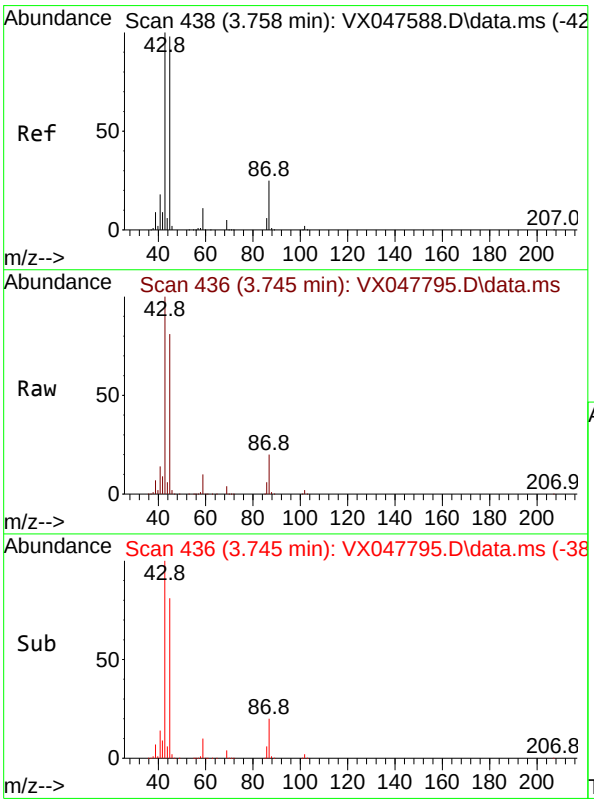
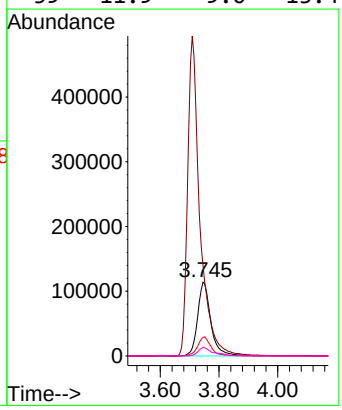
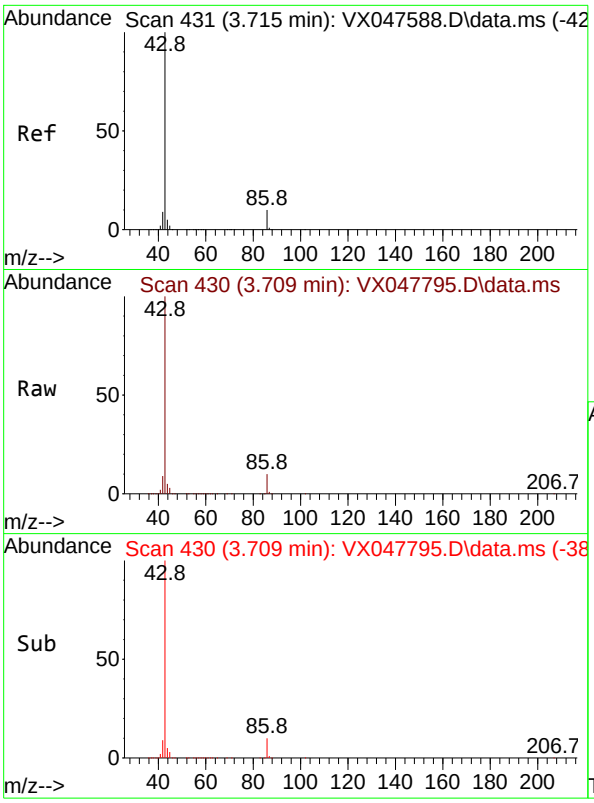


#22
Diisopropyl ether
Concen: 55.145 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 45 Resp: 356628

Ion	Ratio	Lower	Upper
45	100		
43	122.6	81.0	121.4#
87	25.2	20.3	30.5
59	11.9	9.0	13.4





#23
Vinyl Acetate
Concen: 278.368 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 144079

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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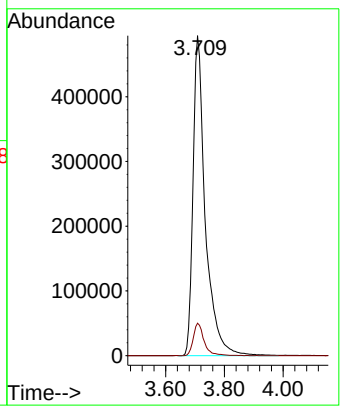
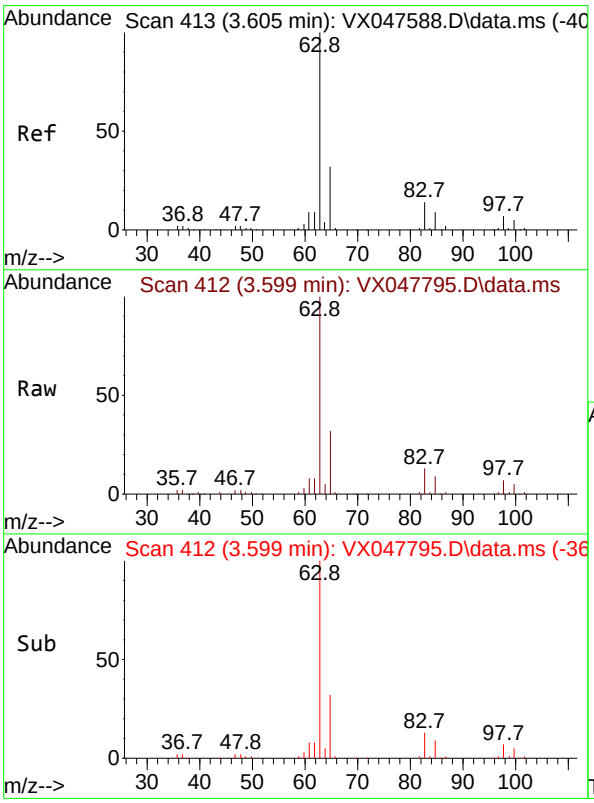
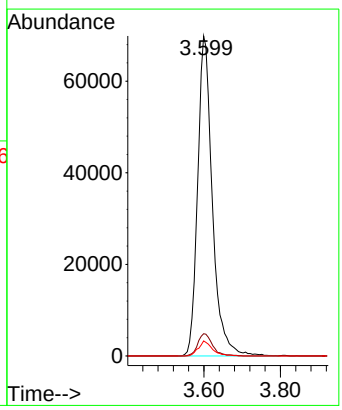


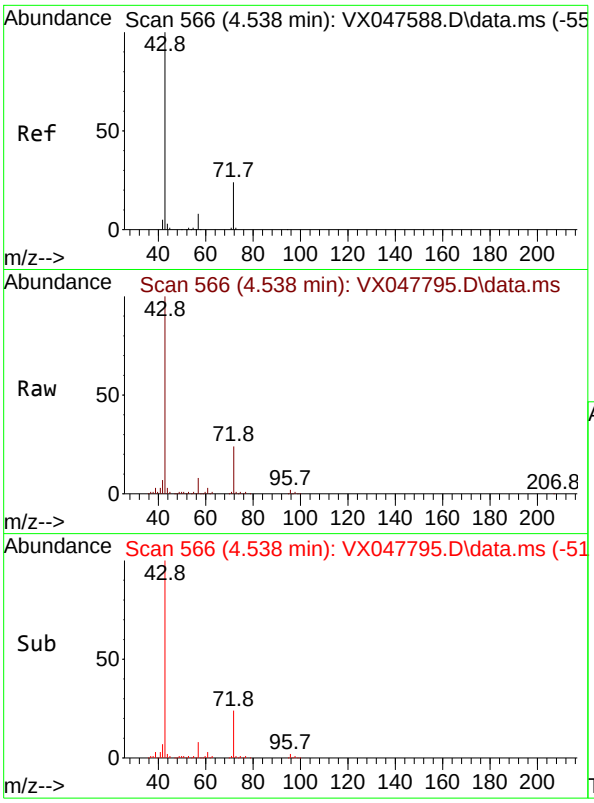


#24
1,1-Dichloroethane
Concen: 54.236 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 63 Resp: 186425

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.2
100	4.7	2.3	6.9





#25
2-Butanone
Concen: 287.179 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 33744

Ion	Ratio	Lower	Upper
43	100		
72	23.2	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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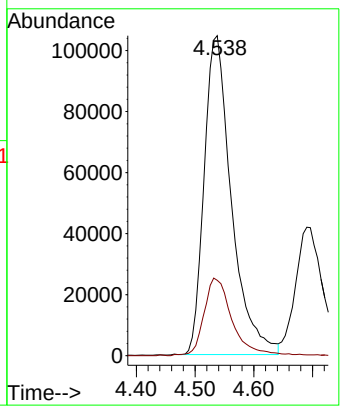
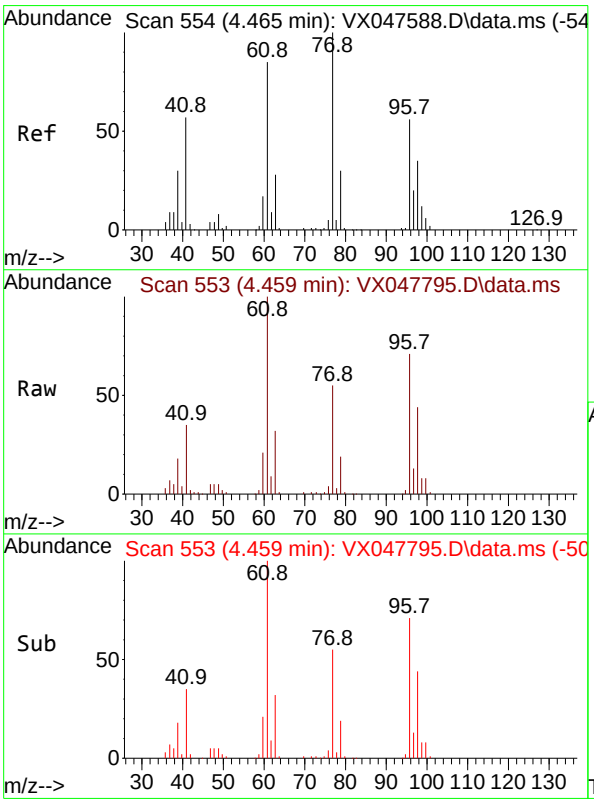
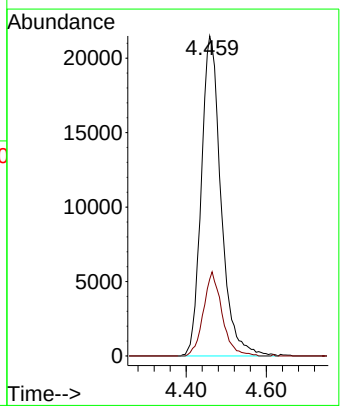


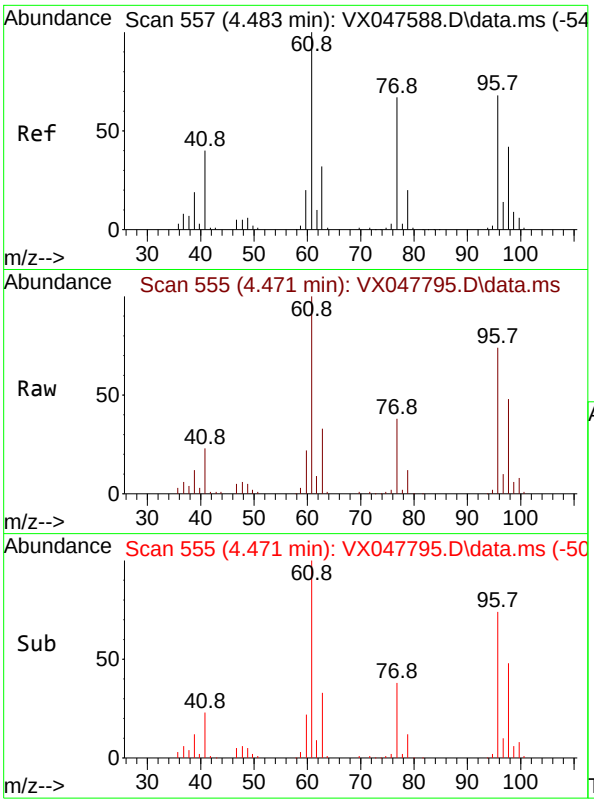


#26
2,2-Dichloropropane
Concen: 25.628 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 77 Resp: 73225

Ion	Ratio	Lower	Upper
77	100		
97	24.9	10.9	32.7

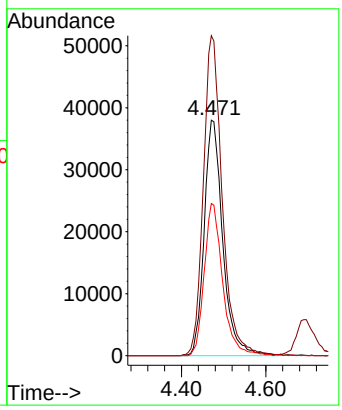




#27
cis-1,2-Dichloroethene
Concen: 54.540 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 96 Resp: 11628

Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	303.2
98	64.2	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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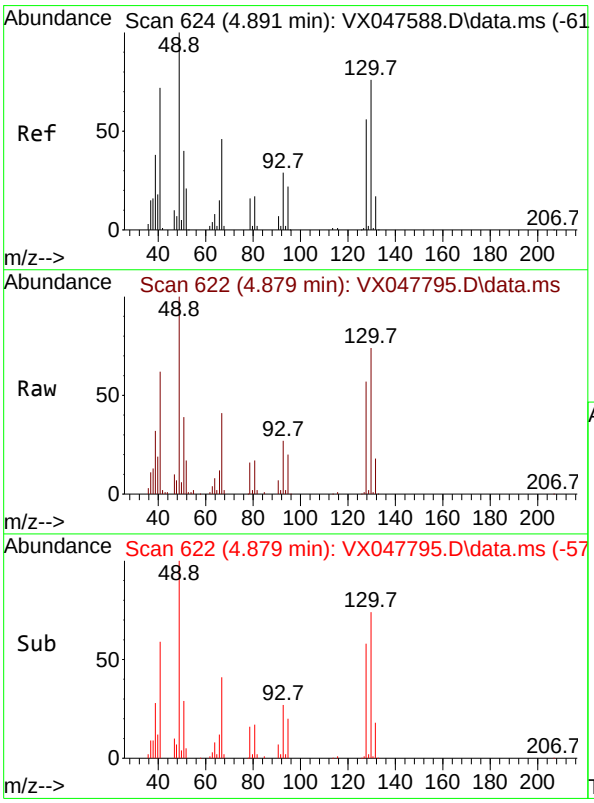
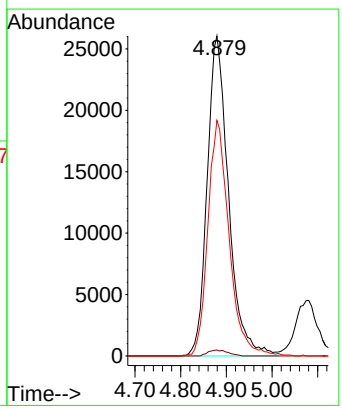
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

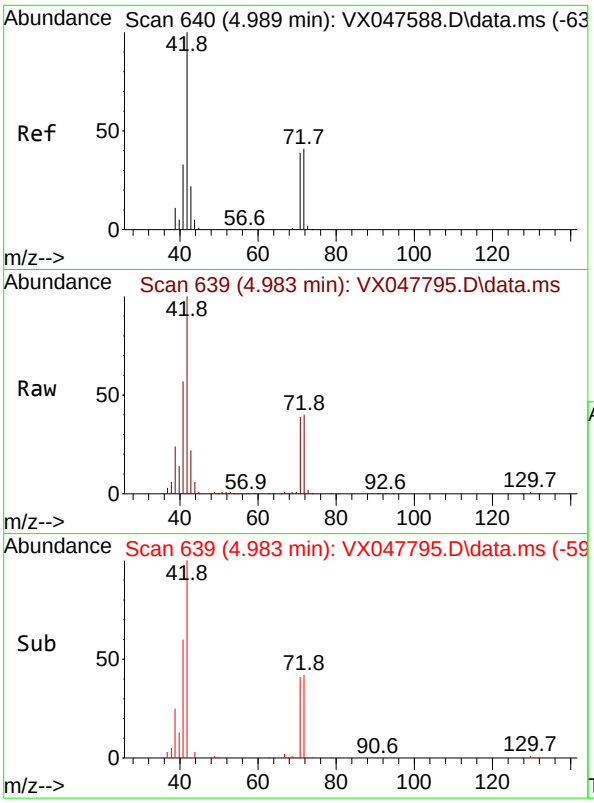


#28
Bromochloromethane
Concen: 56.300 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 49 Resp: 84484

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	73.2	57.8	86.8





#29
Tetrahydrofuran
Concen: 307.408 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 42 Resp: 21729

Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.2	51.2
71	39.0	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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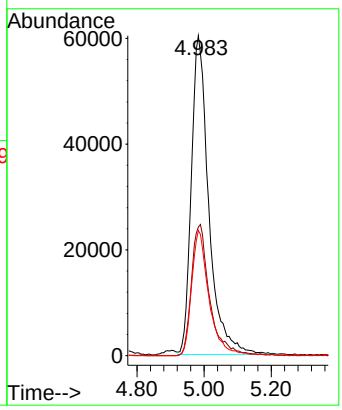
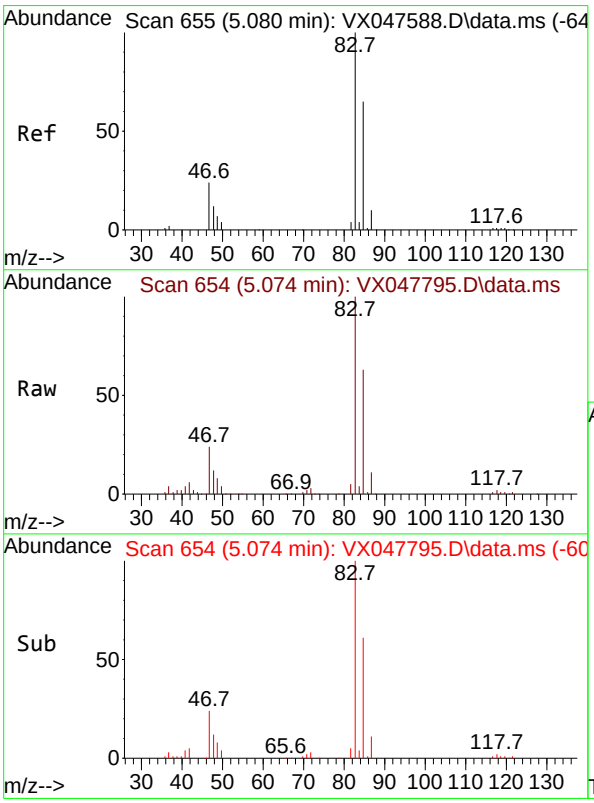
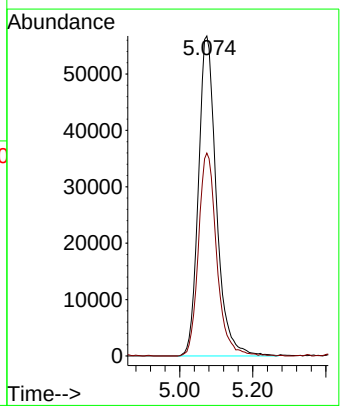


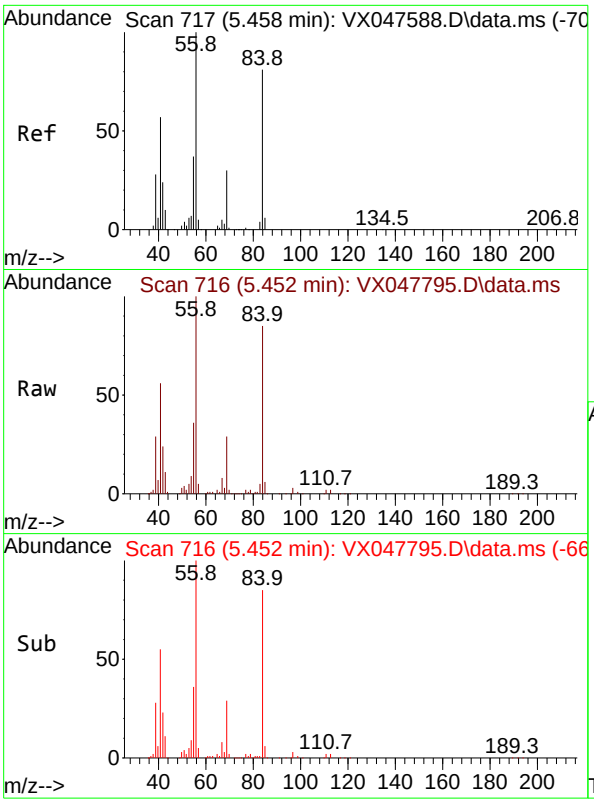


#30
Chloroform
Concen: 55.697 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 83 Resp: 193461

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.6





#31
Cyclohexane
Concen: 50.203 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 56 Resp: 14372

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.8	35.8
84	83.0	64.6	97.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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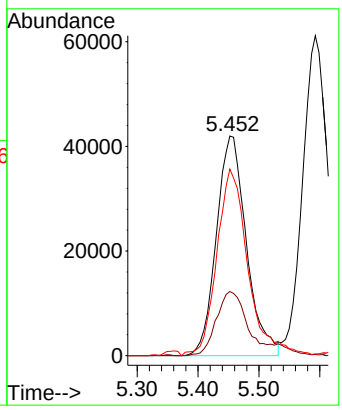
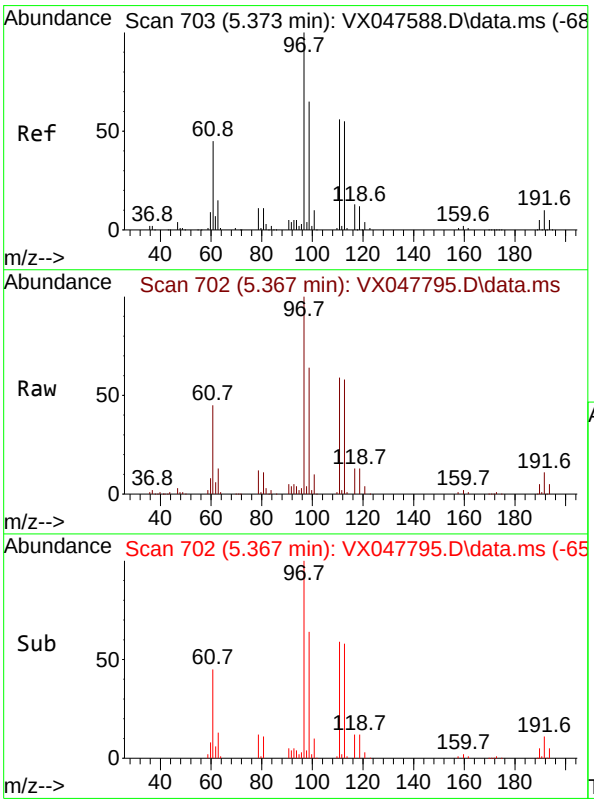
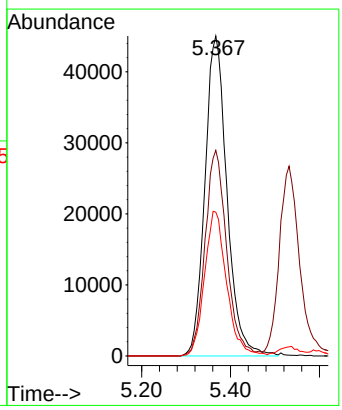


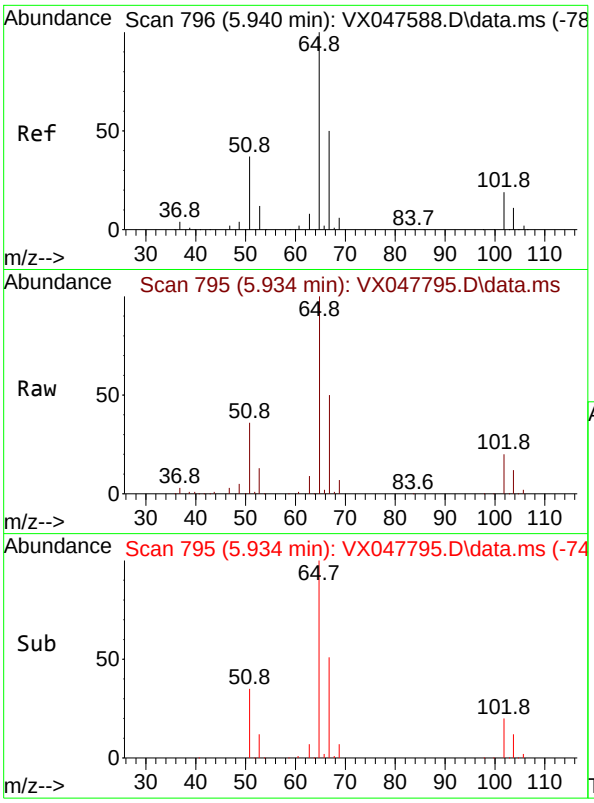


#32
1,1,1-Trichloroethane
Concen: 52.743 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 97 Resp: 155394

Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.6	76.0
61	45.3	35.8	53.8

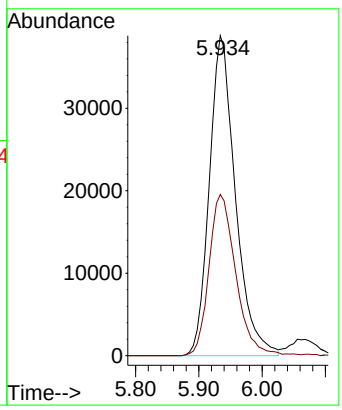




#33
1,2-Dichloroethane-d4
Concen: 51.305 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 65 Resp: 11115

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.0



Instrument :
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ClientSampleId :
VSTDCCC050

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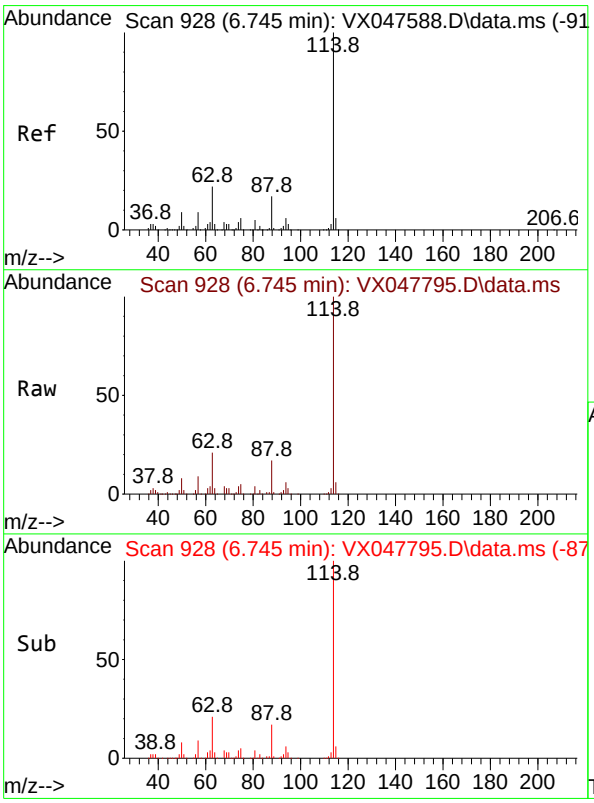
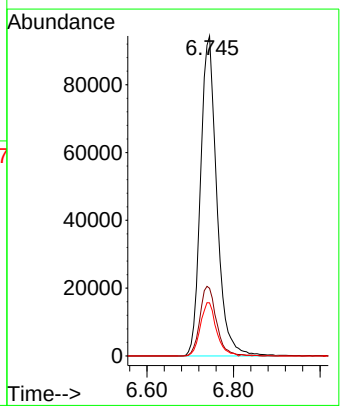
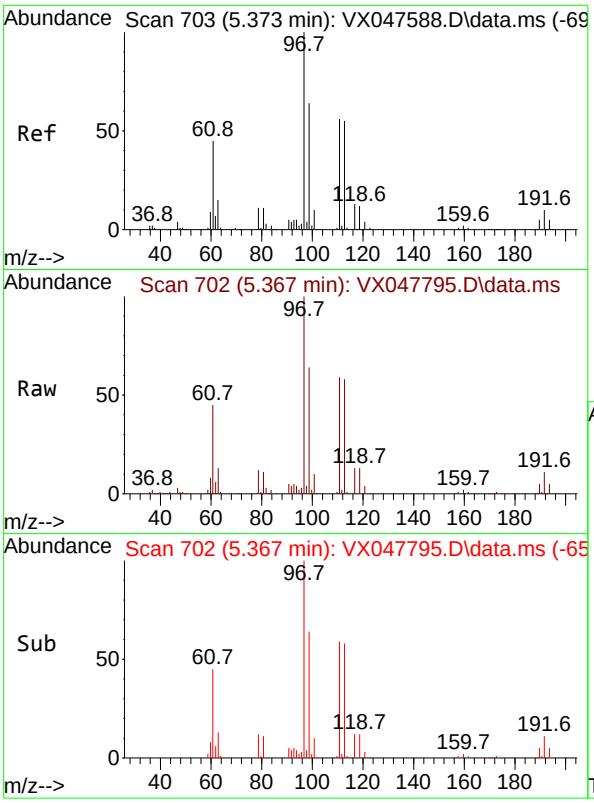


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:114 Resp: 245940

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	16.6	0.0	34.2

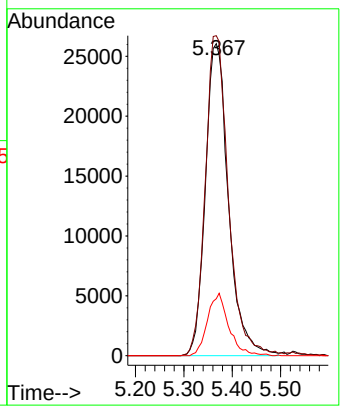




#35
Dibromofluoromethane
Concen: 52.379 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:113 Resp: 8639

Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.9	121.3
192	18.4	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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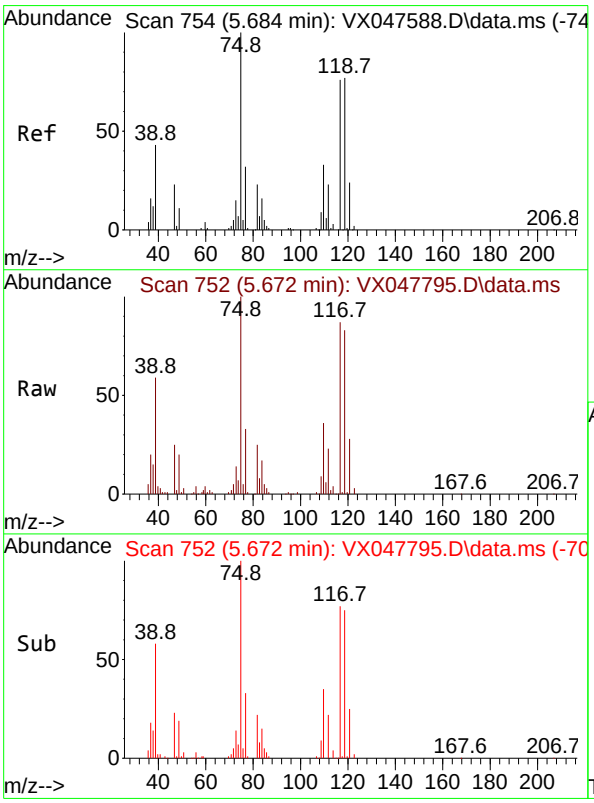
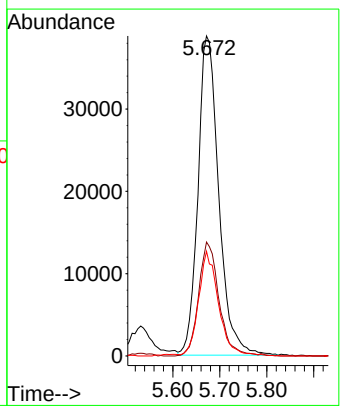
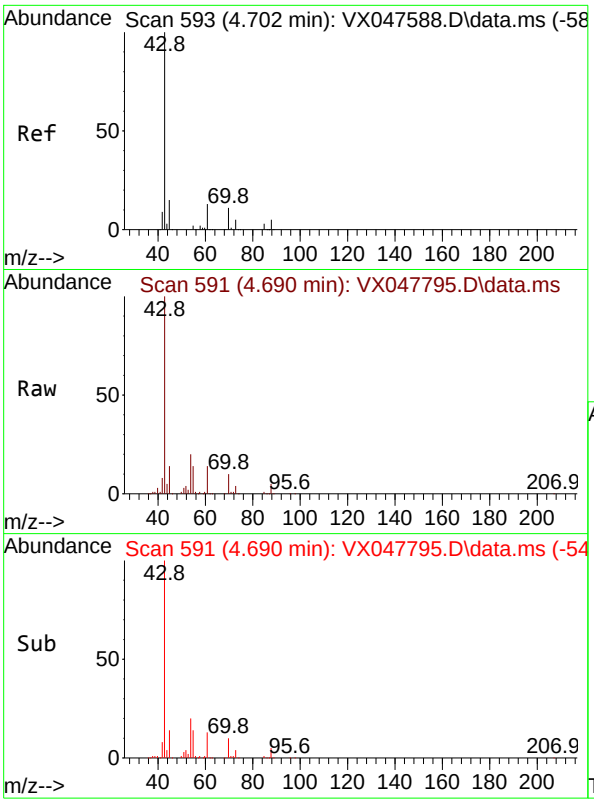


#36
1,1-Dichloropropene
Concen: 49.510 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 75 Resp: 119329

Ion	Ratio	Lower	Upper
75	100		
110	34.8	16.7	50.1
77	31.4	24.3	36.5





#37
Ethyl Acetate
Concen: 55.984 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 14447

Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.8	14.8
70	9.8	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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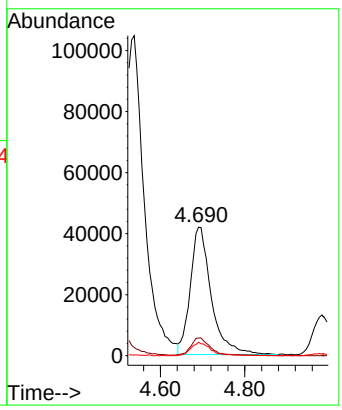
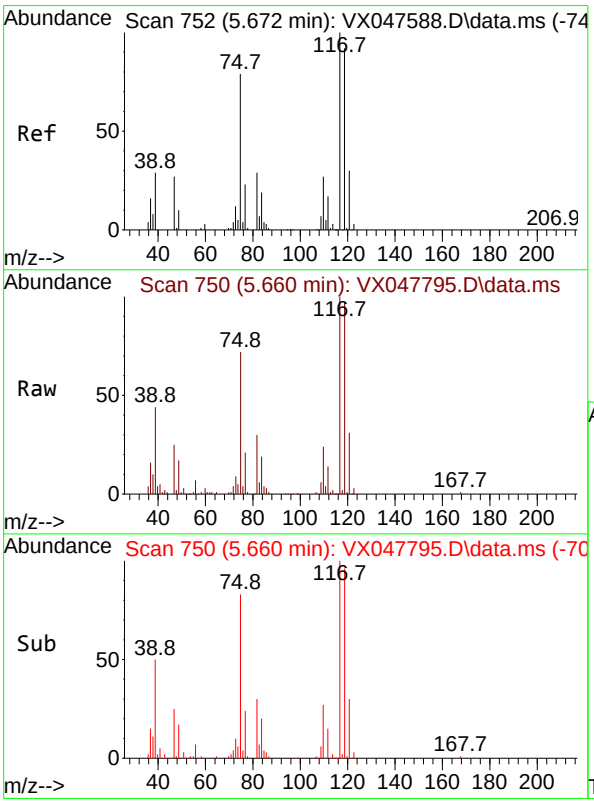
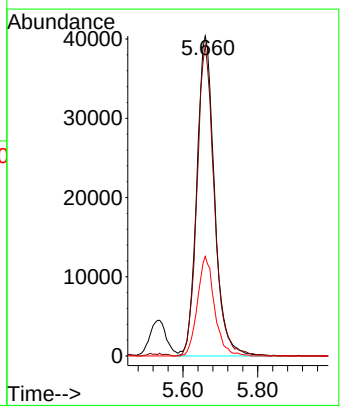


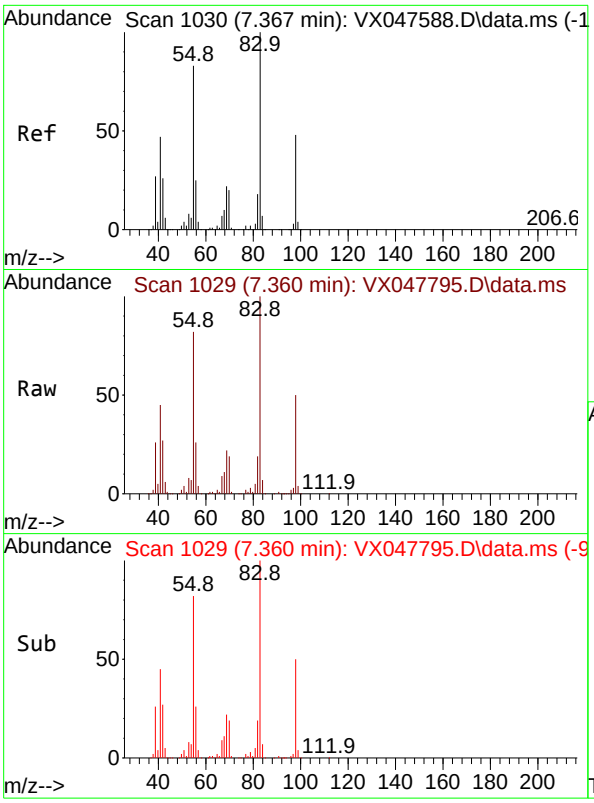


#38
Carbon Tetrachloride
Concen: 50.553 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:117 Resp: 132383

Ion	Ratio	Lower	Upper
117	100		
119	97.2	73.4	110.2
121	31.1	23.8	35.6





#39
Methylcyclohexane
Concen: 47.613 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 83 Resp: 13026

Ion	Ratio	Lower	Upper
83	100		
55	82.2	66.4	99.6
98	50.3	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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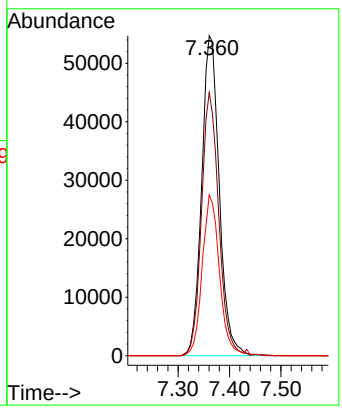
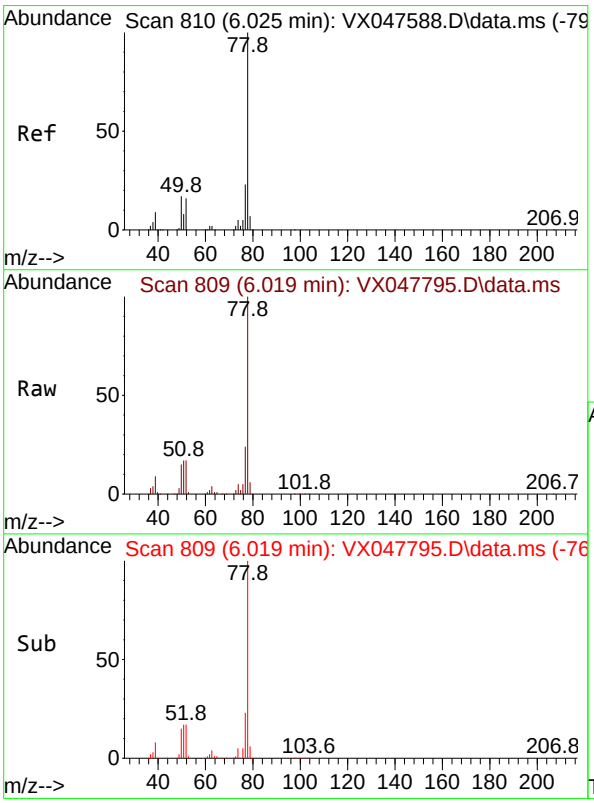
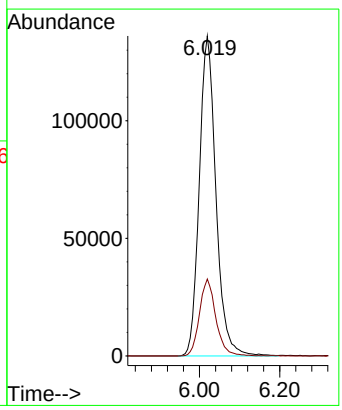


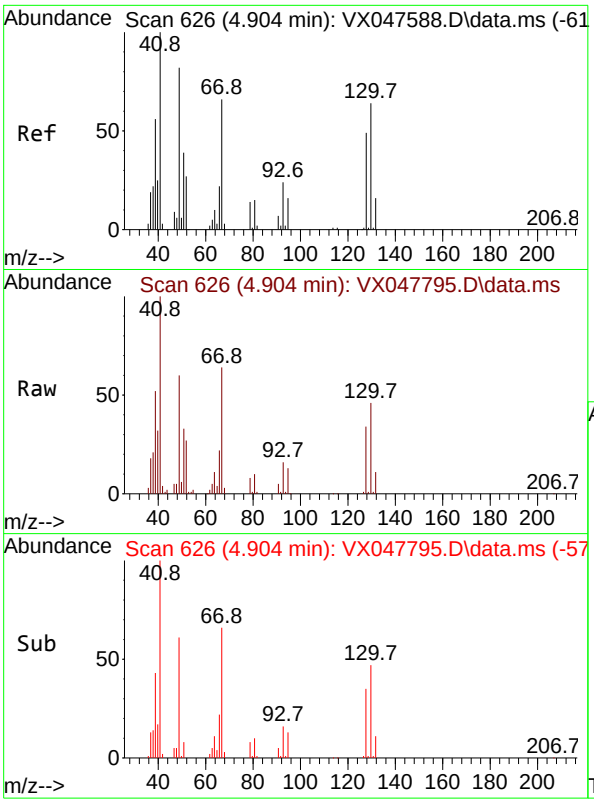


#40
Benzene
Concen: 53.689 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 78 Resp: 393020

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2

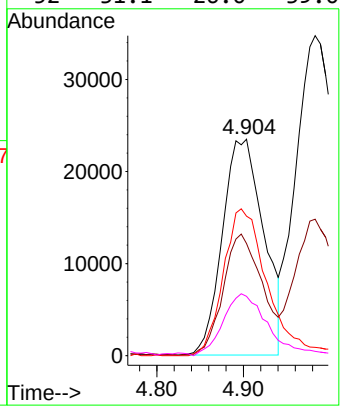




#41
Methacrylonitrile
Concen: 58.352 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 41 Resp: 7773

Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.3	64.9
67	73.2	58.6	87.8
52	31.1	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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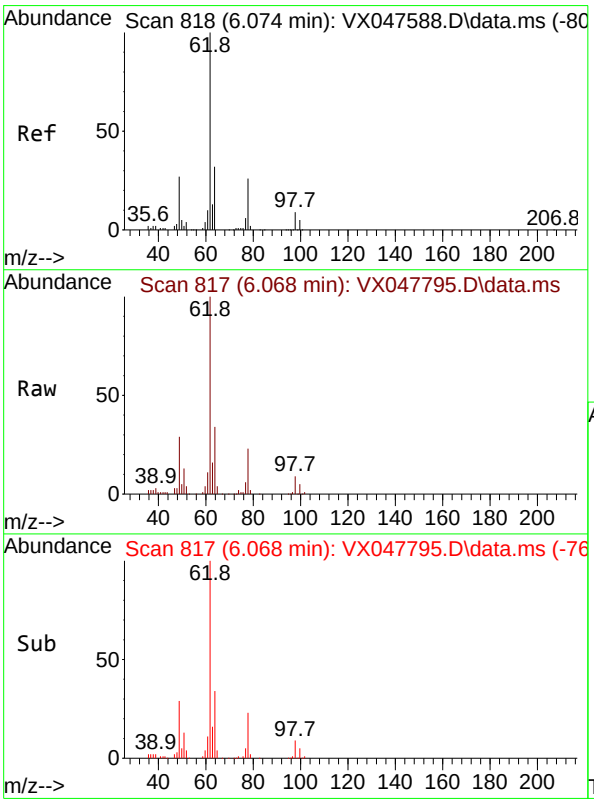
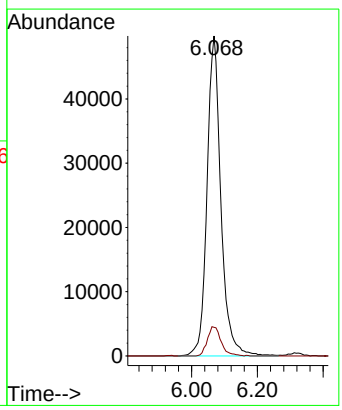
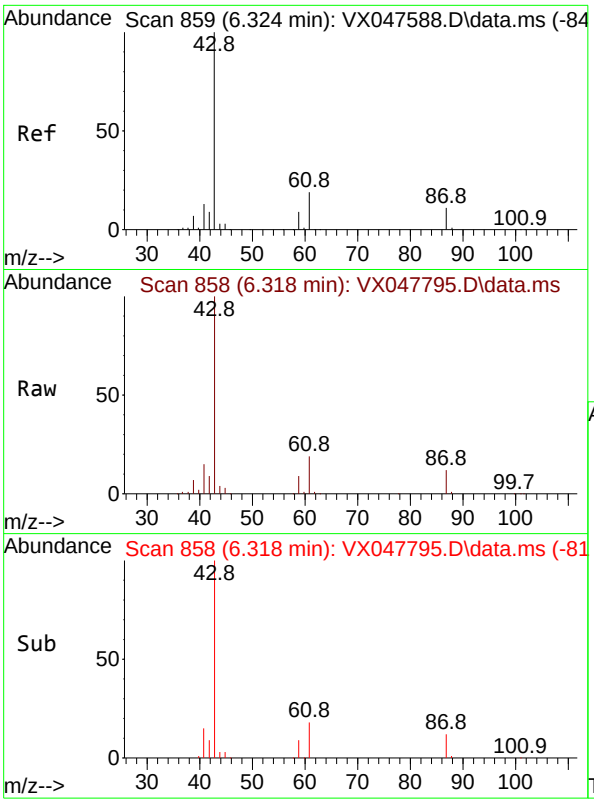


#42
1,2-Dichloroethane
Concen: 52.455 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 62 Resp: 146101

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0

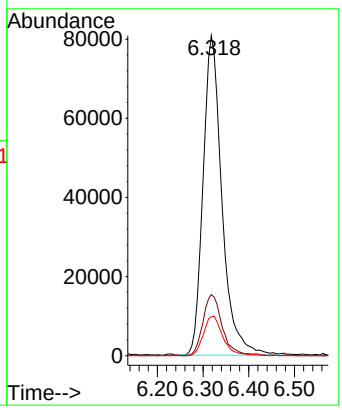




#43
Isopropyl Acetate
Concen: 54.813 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 23198

Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.2	22.8
87	12.7	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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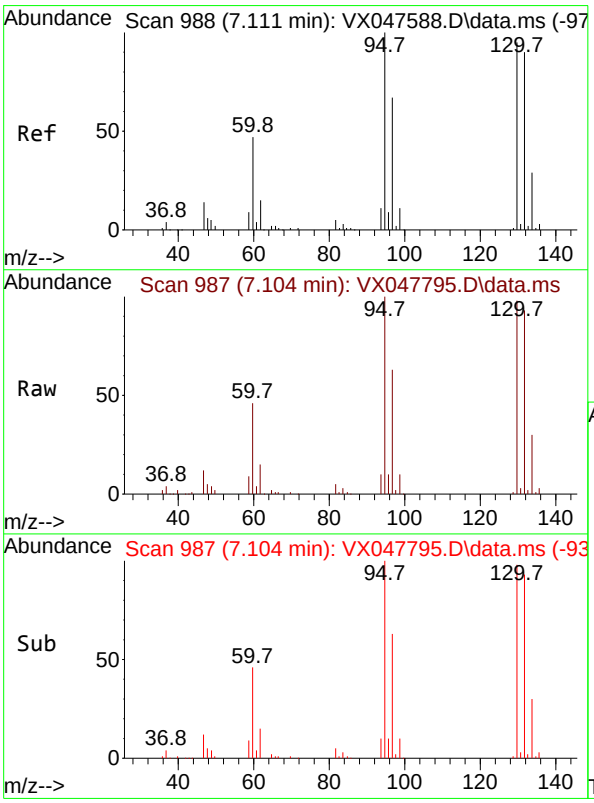
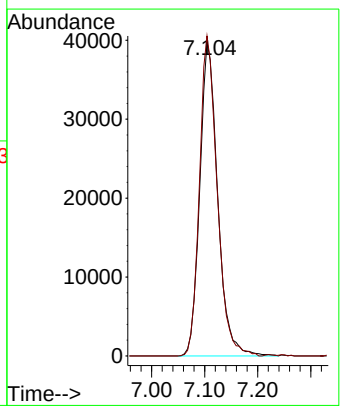
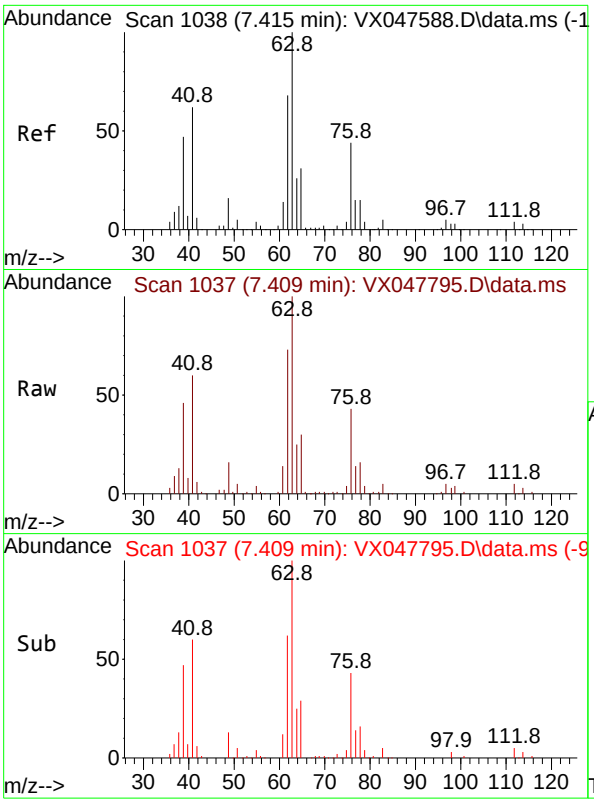


#44
Trichloroethene
Concen: 52.779 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:130 Resp: 93408

Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	210.8





#45
1,2-Dichloropropane
Concen: 54.802 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

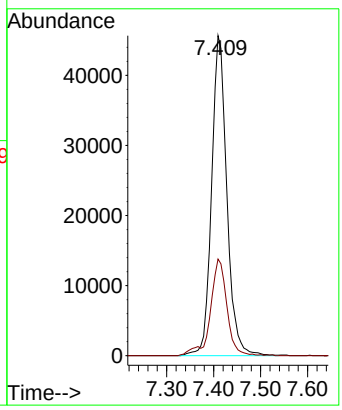
Tgt Ion: 63 Resp: 10272

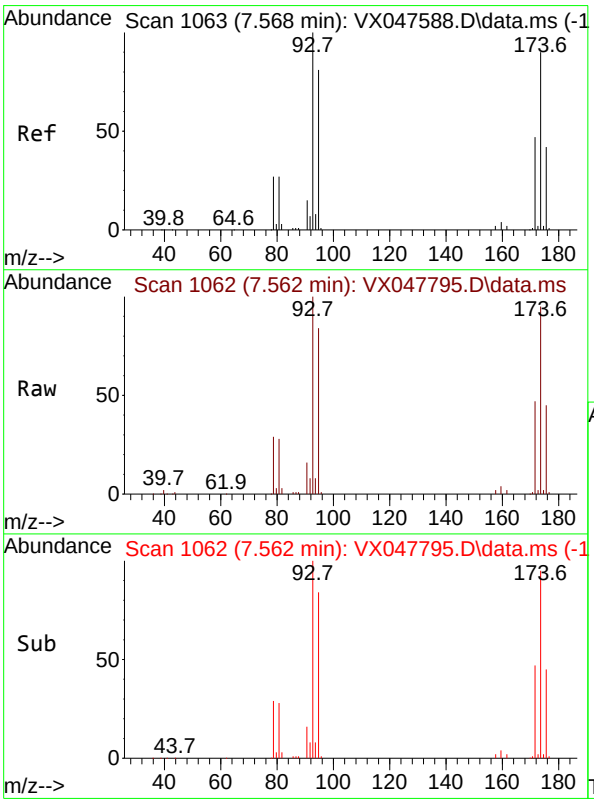
Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

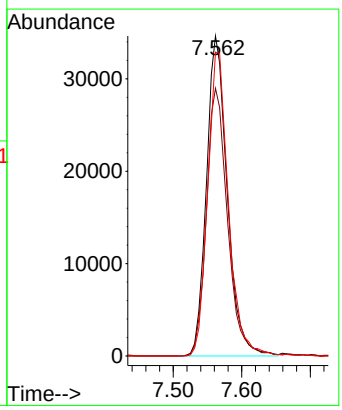


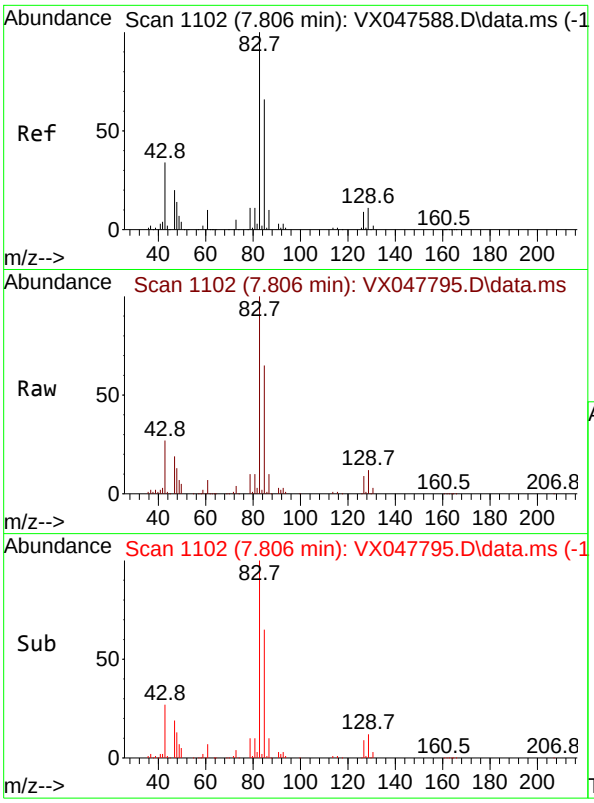


#46
Dibromomethane
Concen: 53.611 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 93 Resp: 73128

Ion	Ratio	Lower	Upper
93	100		
95	85.0	65.0	97.6
174	94.9	71.6	107.4

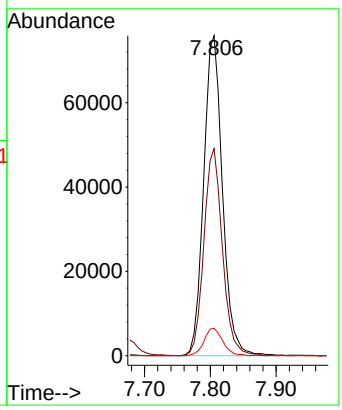




#47
Bromodichloromethane
Concen: 53.552 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 83 Resp: 15073

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7
127	8.5	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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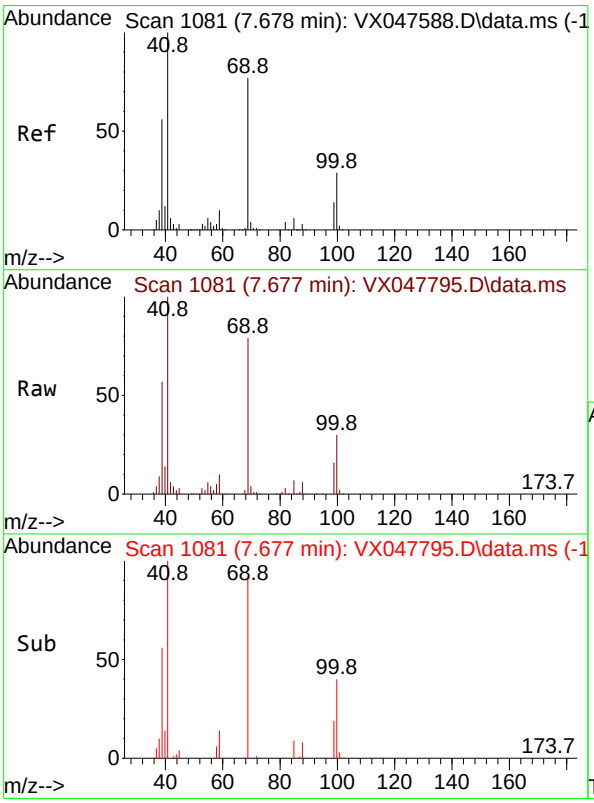
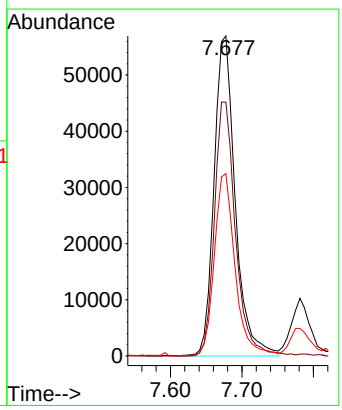
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

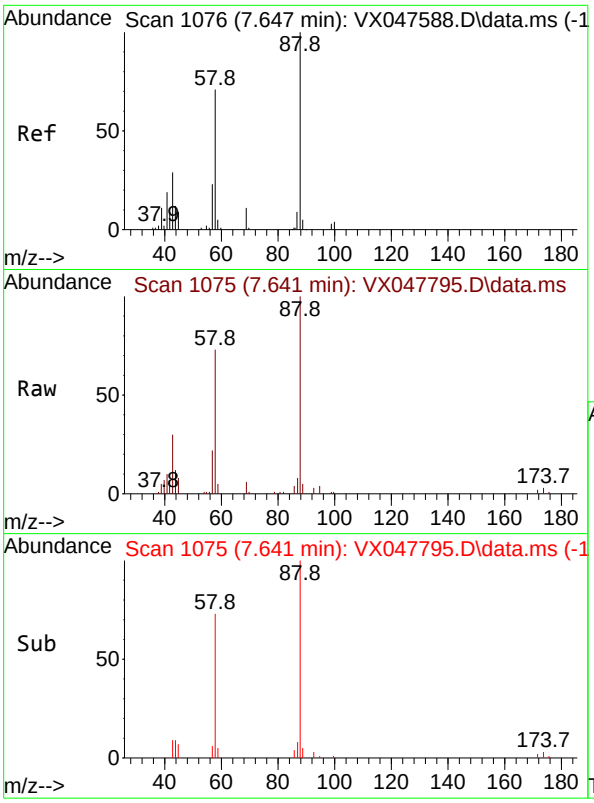


#48
Methyl methacrylate
Concen: 55.683 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 41 Resp: 117391

Ion	Ratio	Lower	Upper
41	100		
69	78.8	61.4	92.2
39	55.9	45.8	68.6





#49
1,4-Dioxane
Concen: 1335.620 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 88 Resp: 2845

Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.2	45.2
58	75.4	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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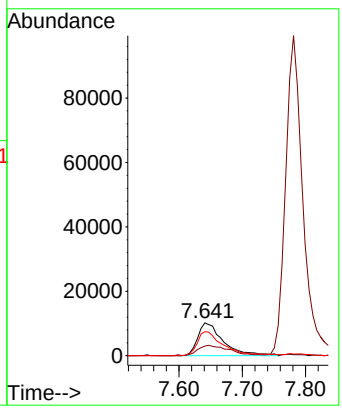
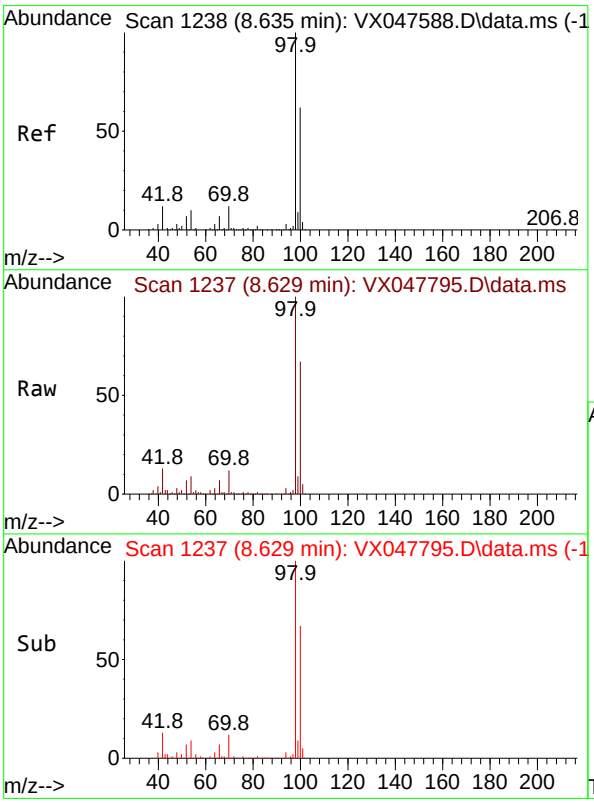
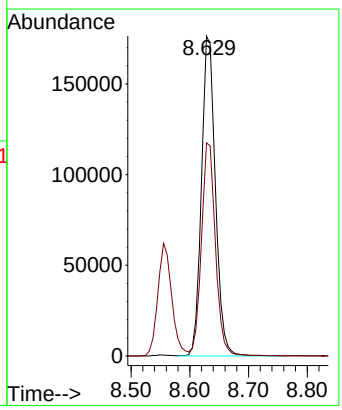


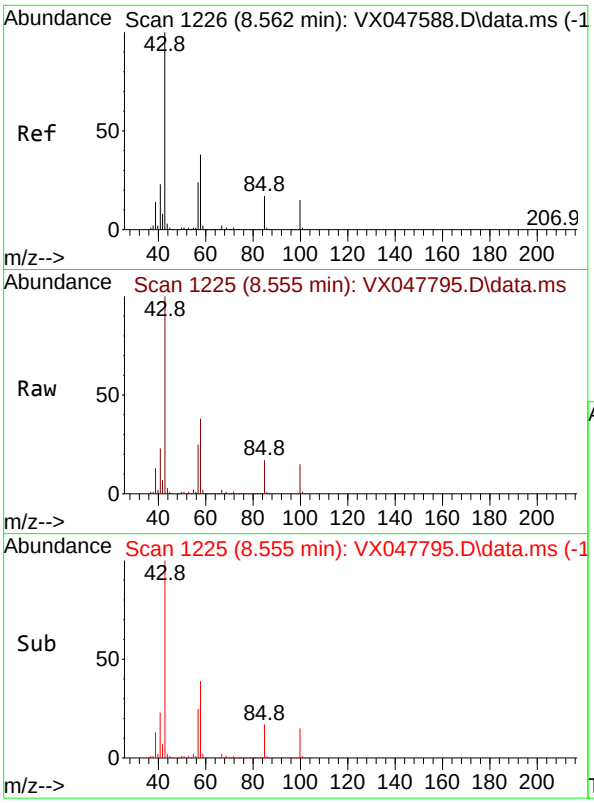


#50
Toluene-d8
Concen: 50.933 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 98 Resp: 290687

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4

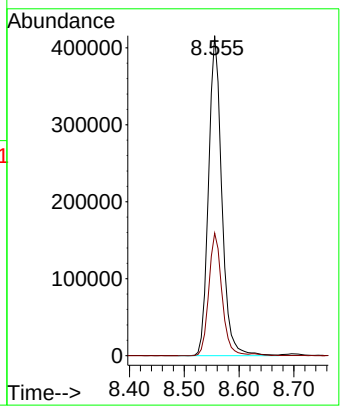




#51
4-Methyl-2-Pentanone
Concen: 296.468 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 69569

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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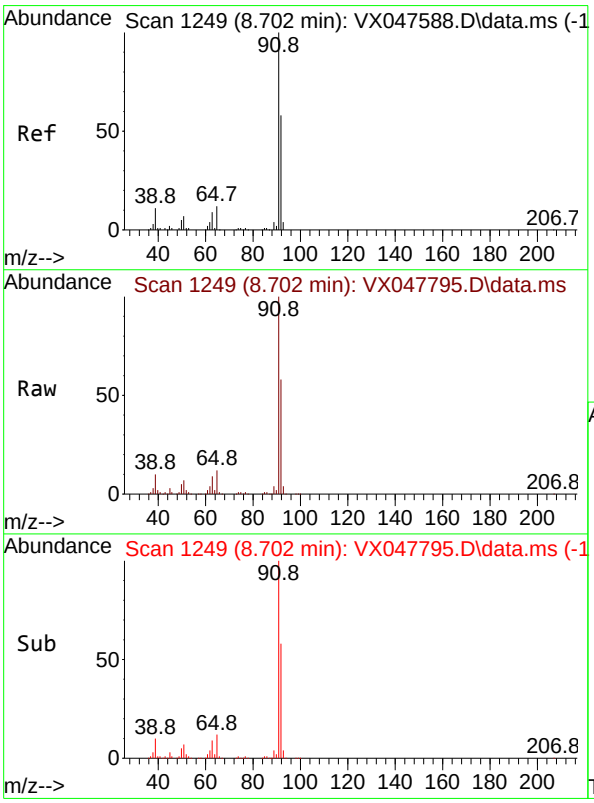
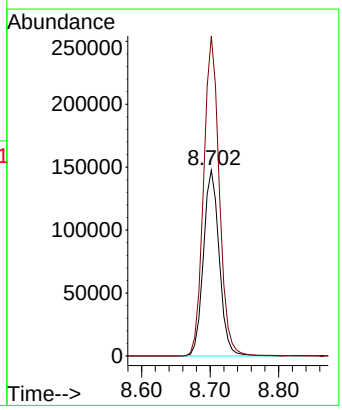
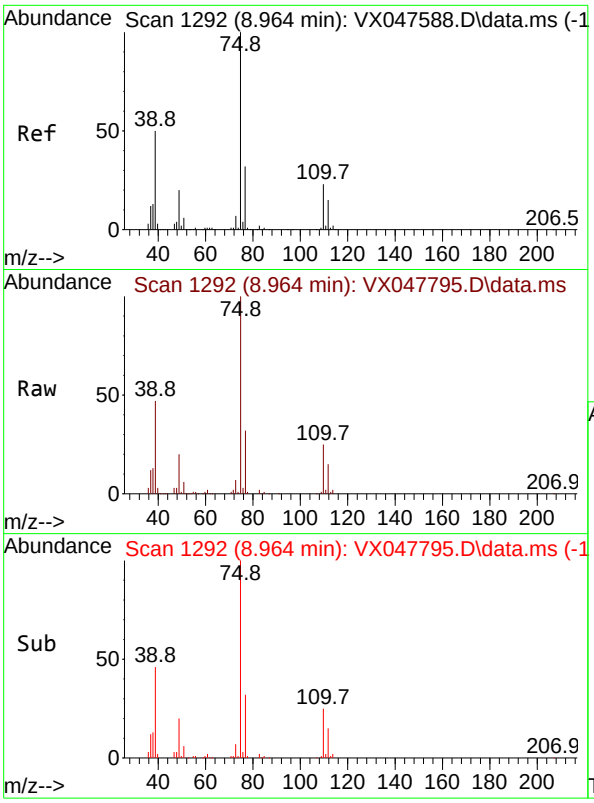


#52
Toluene
Concen: 52.436 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 92 Resp: 236487

Ion	Ratio	Lower	Upper
92	100		
91	171.1	137.1	205.7

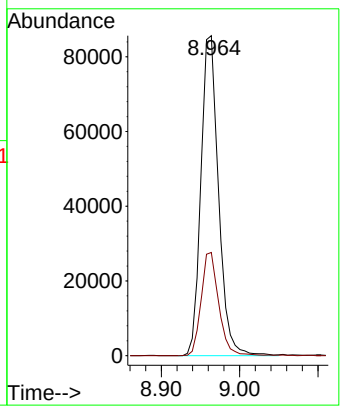




#53
t-1,3-Dichloropropene
Concen: 46.584 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 75 Resp: 13374

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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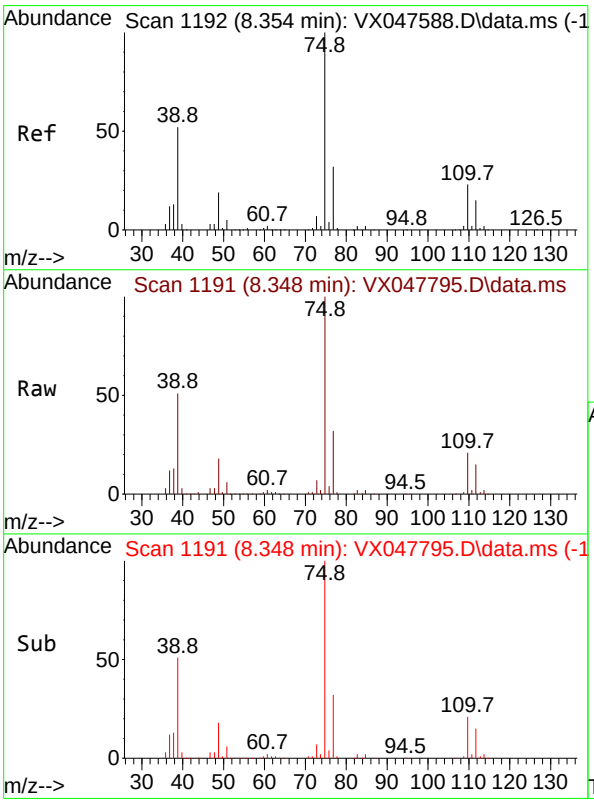
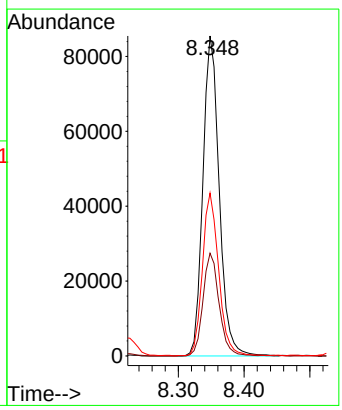
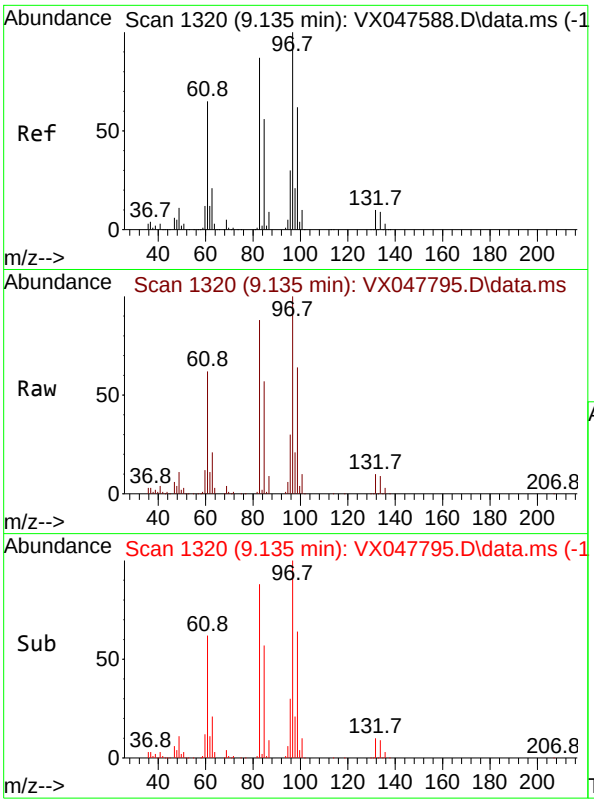


#54
cis-1,3-Dichloropropene
Concen: 48.178 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 75 Resp: 147846

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
39	50.1	41.4	62.2

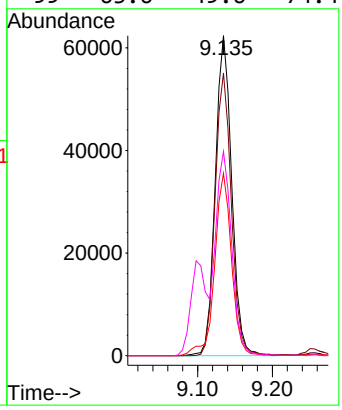




#55
1,1,2-Trichloroethane
Concen: 55.106 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 97 Resp: 9583

Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.6	104.4
85	56.9	45.0	67.6
99	63.6	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 09/26/2025
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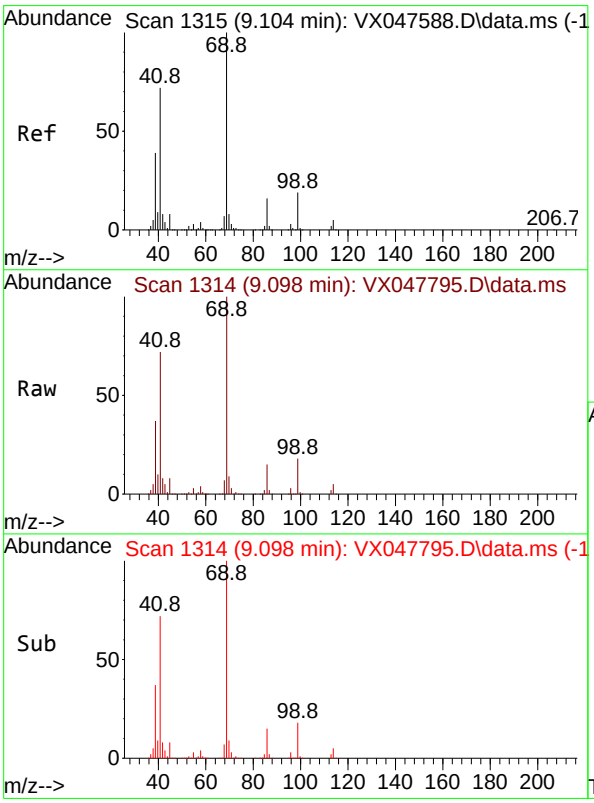
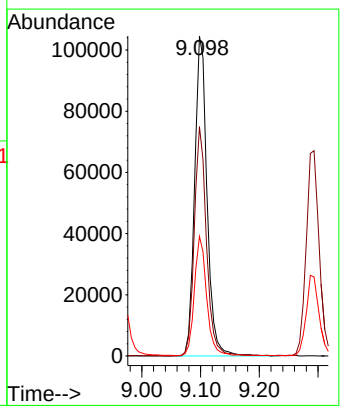
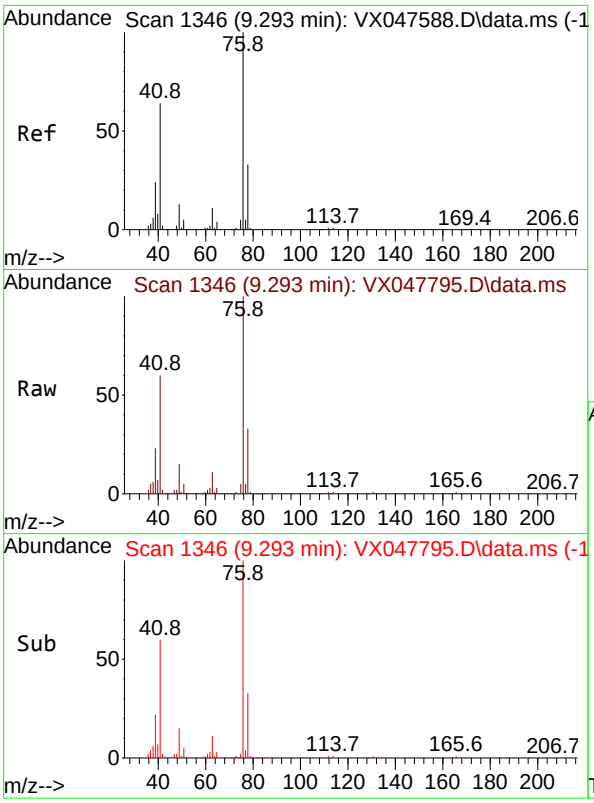


#56
Ethyl methacrylate
Concen: 56.190 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 69 Resp: 153461

Ion	Ratio	Lower	Upper
69	100		
41	70.7	58.6	87.8
39	36.7	31.5	47.3

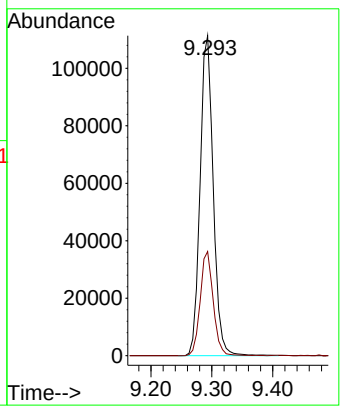




#57
1,3-Dichloropropane
Concen: 55.801 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 76 Resp: 16670

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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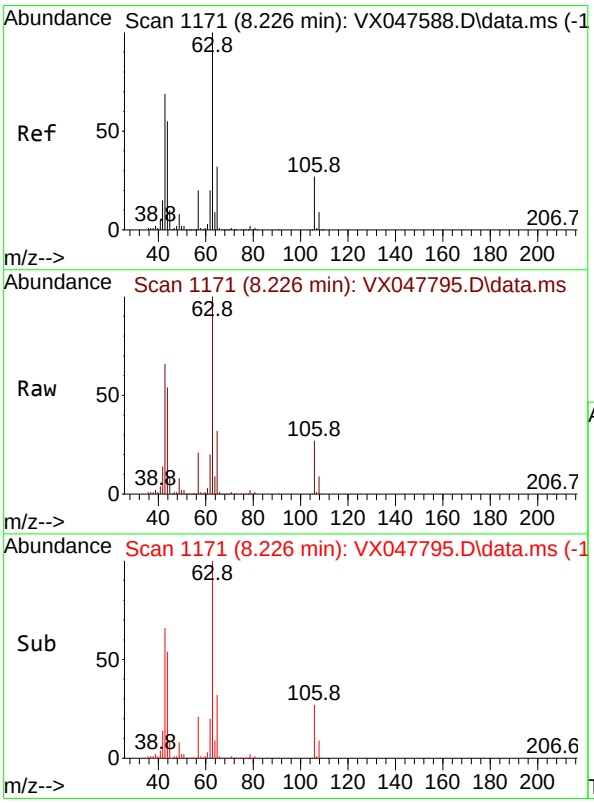
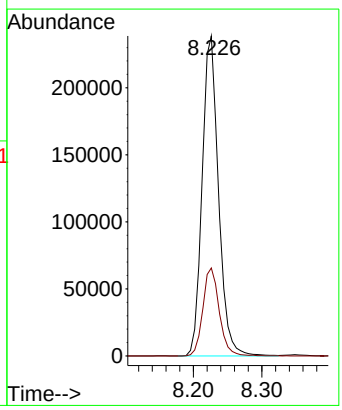
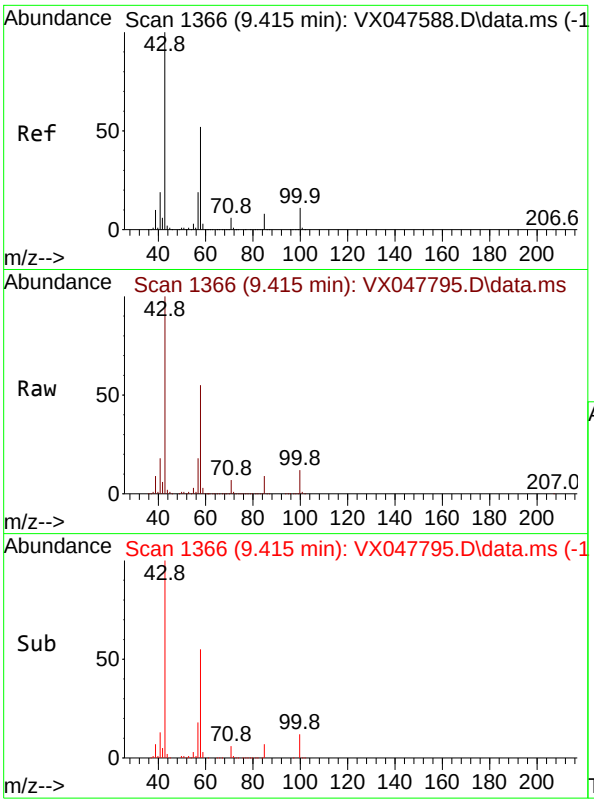


#58
2-Chloroethyl Vinyl ether
Concen: 300.637 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 63 Resp: 397473

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9





#59
2-Hexanone
Concen: 285.853 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 48176

Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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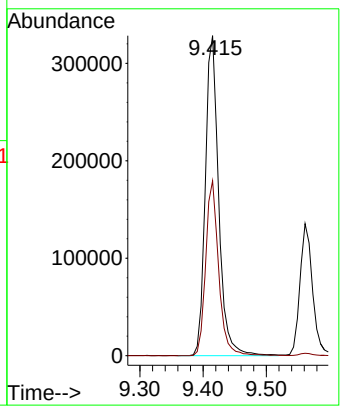
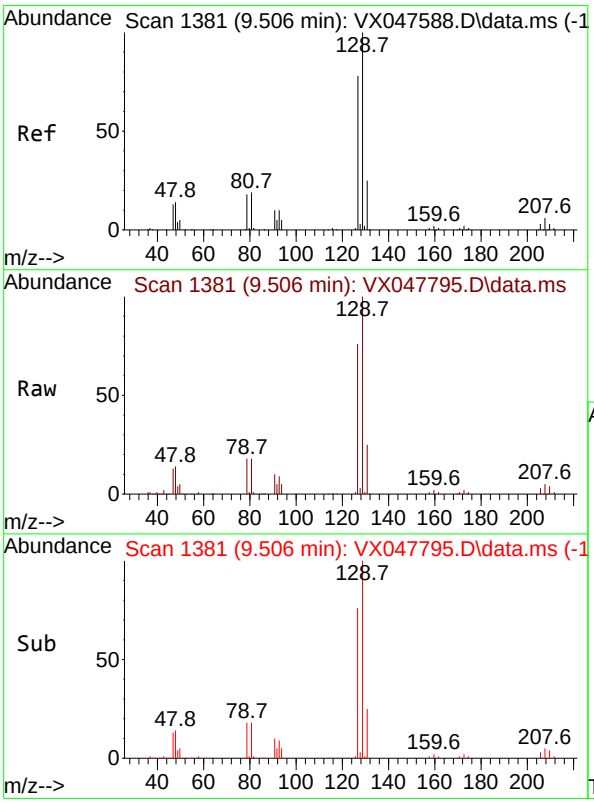
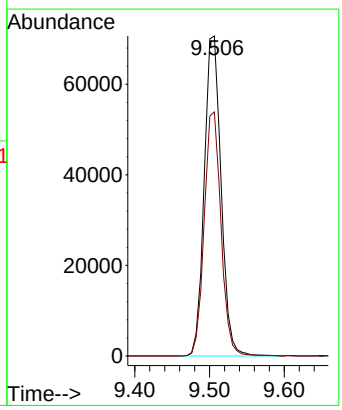


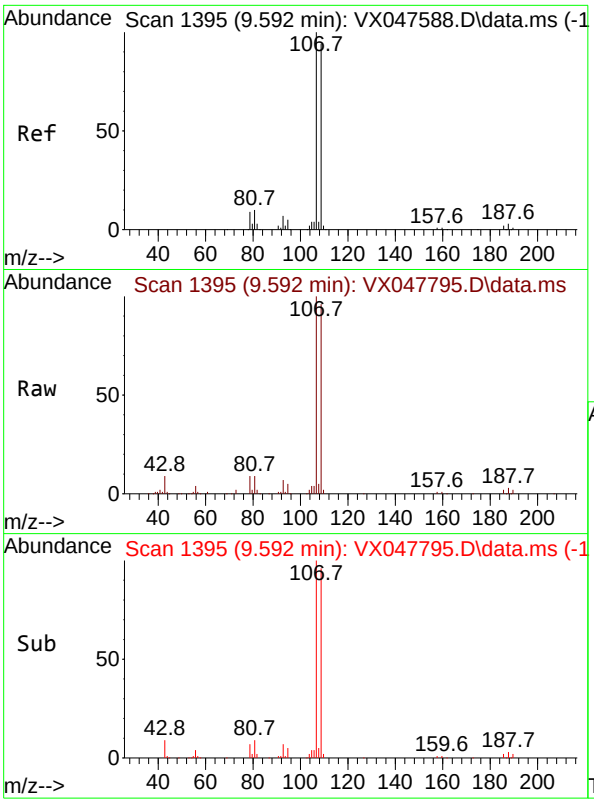


#60
Dibromochloromethane
Concen: 55.147 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:129 Resp: 110503

Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.4	115.2





#61
1,2-Dibromoethane
Concen: 56.807 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:107 Resp: 10062

Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.3	112.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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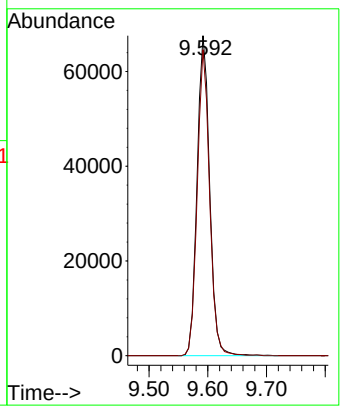
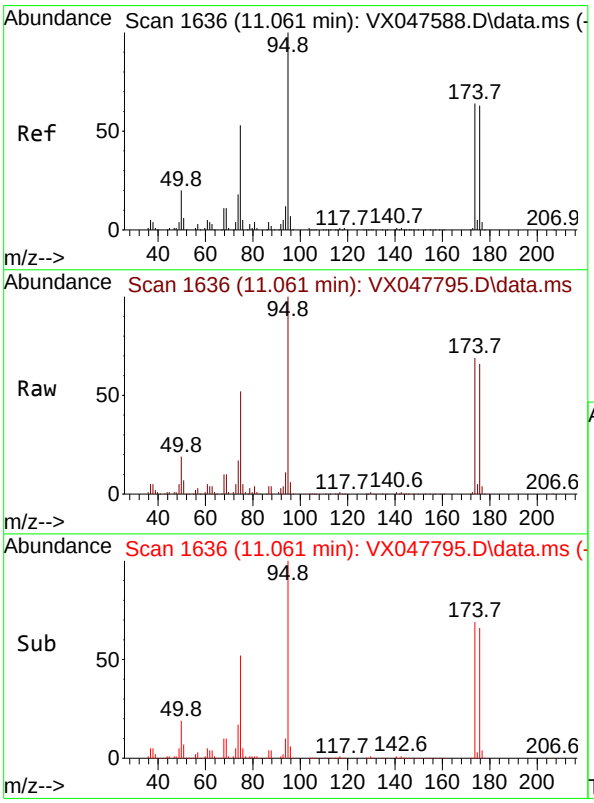
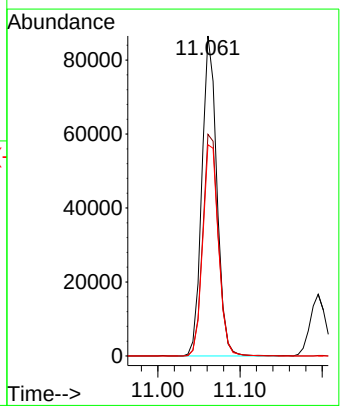


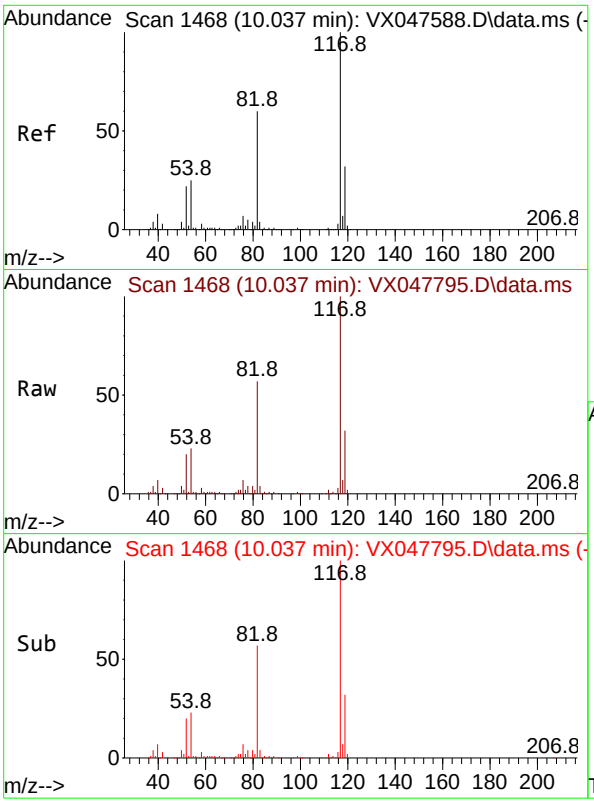


#62
4-Bromofluorobenzene
Concen: 50.317 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 95 Resp: 108988

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	141.6
176	69.5	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:117 Resp: 22026

Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.8	71.6
119	31.9	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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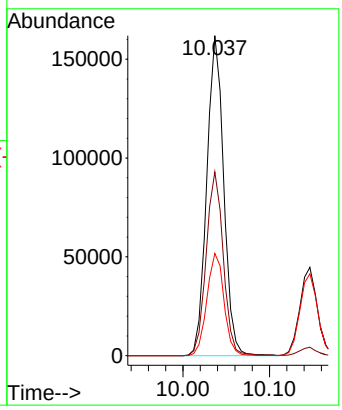
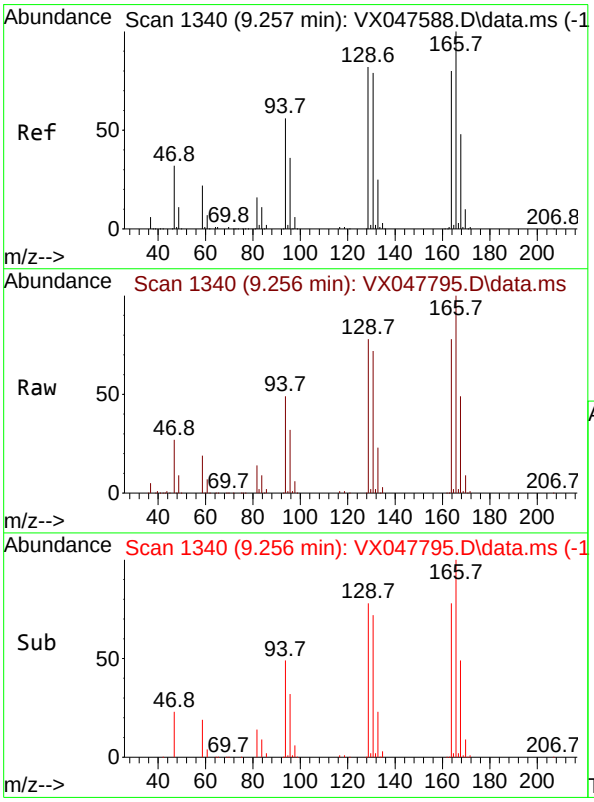
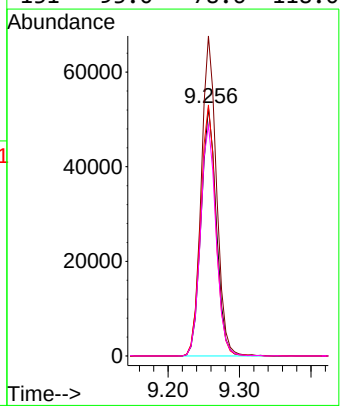


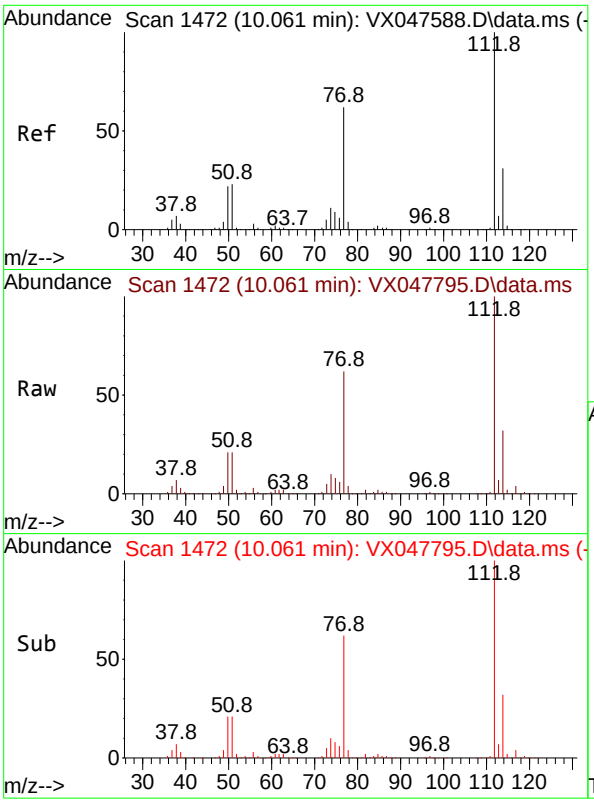


#64
Tetrachloroethene
Concen: 54.134 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:164 Resp: 77730

Ion	Ratio	Lower	Upper
164	100		
166	128.9	100.2	150.2
129	101.1	81.8	122.6
131	93.0	78.6	118.0





#65
Chlorobenzene
Concen: 52.484 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:112 Resp: 26262

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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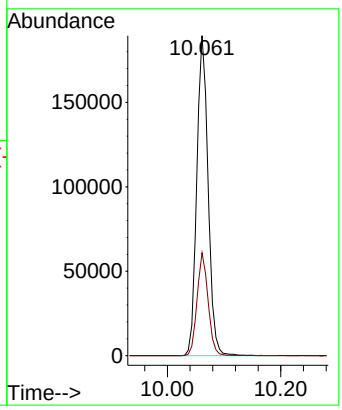
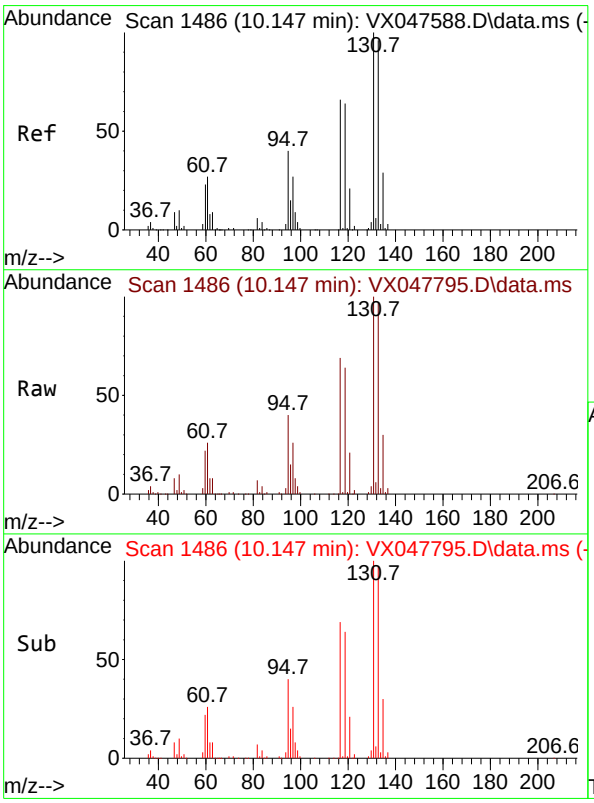
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

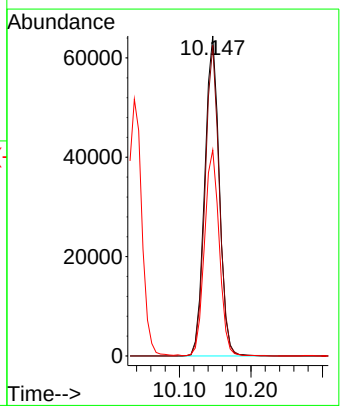


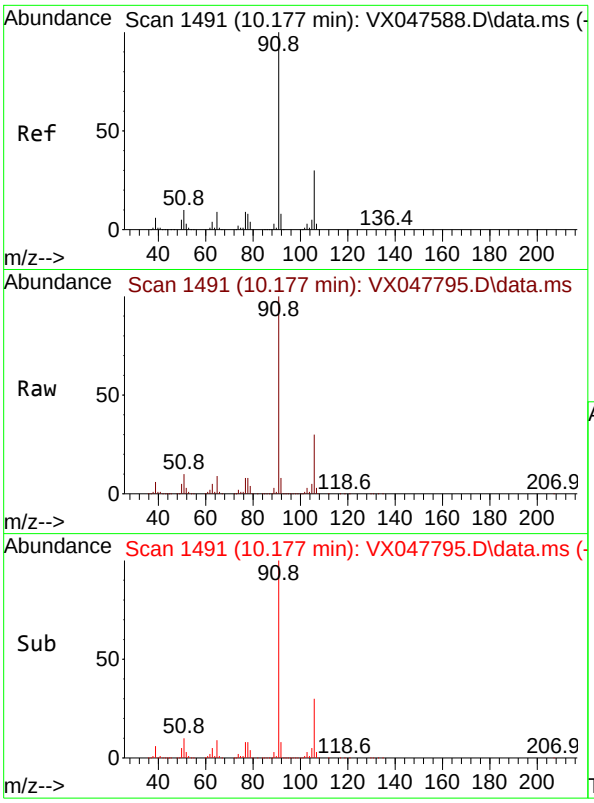


#66
1,1,1,2-Tetrachloroethane
Concen: 52.723 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:131 Resp: 91037

Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.3	142.0
119	65.3	32.0	96.0





#67
Ethyl Benzene
Concen: 51.323 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 91 Resp: 44311

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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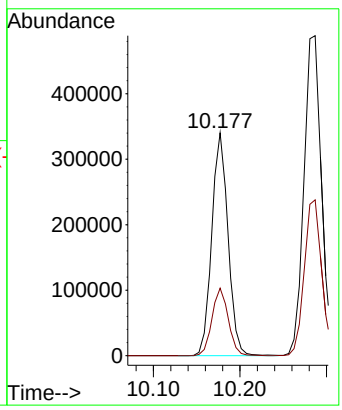
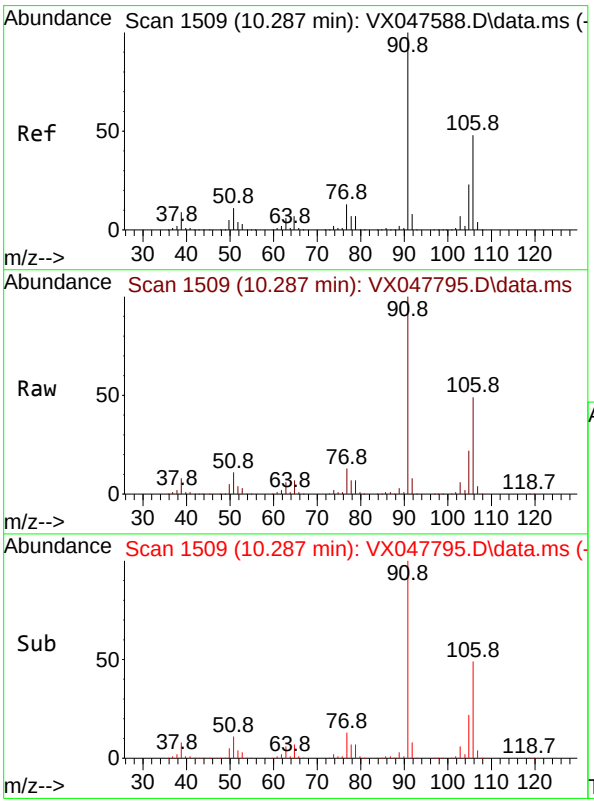
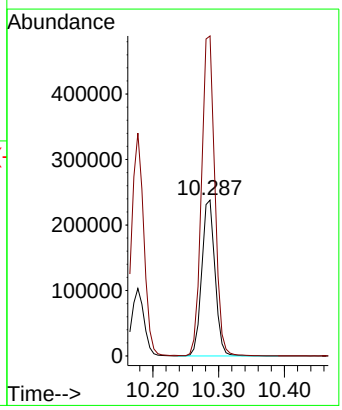


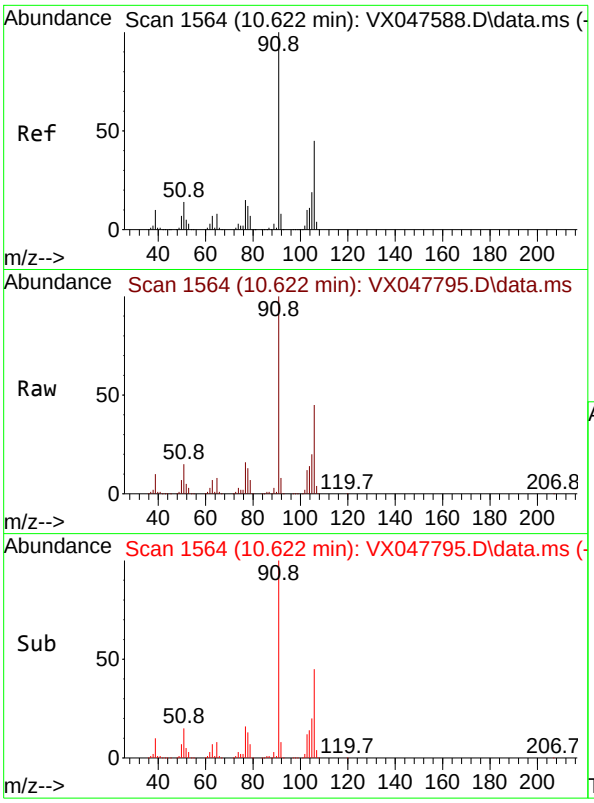


#68
m/p-Xylenes
Concen: 103.770 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:106 Resp: 333476

Ion	Ratio	Lower	Upper
106	100		
91	206.2	167.8	251.8

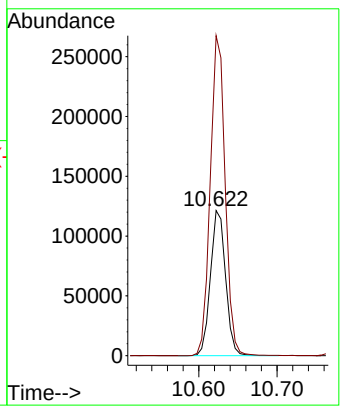




#69
o-Xylene
Concen: 52.252 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:106 Resp: 16241

Ion	Ratio	Lower	Upper
106	100		
91	217.6	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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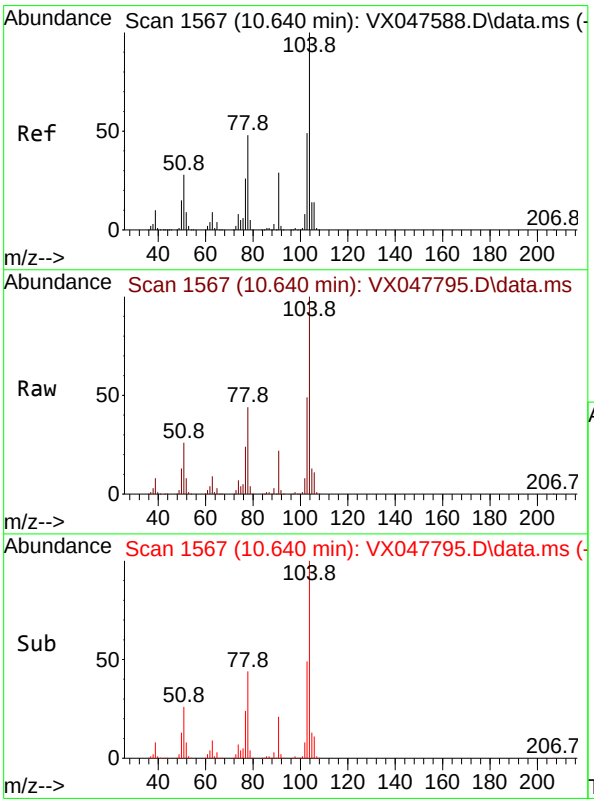
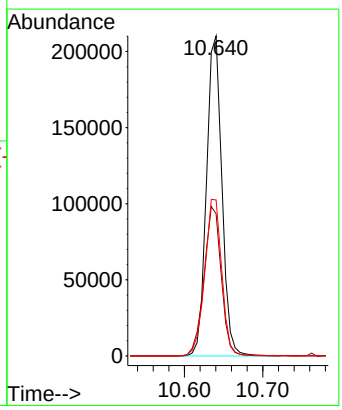
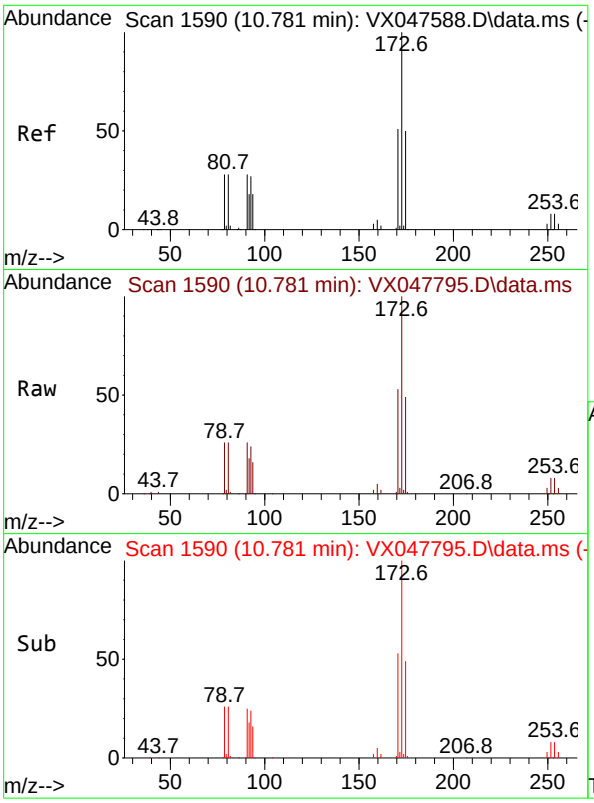


#70
Styrene
Concen: 52.692 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:104 Resp: 286982

Ion	Ratio	Lower	Upper
104	100		
78	52.0	43.1	64.7
103	54.2	43.1	64.7

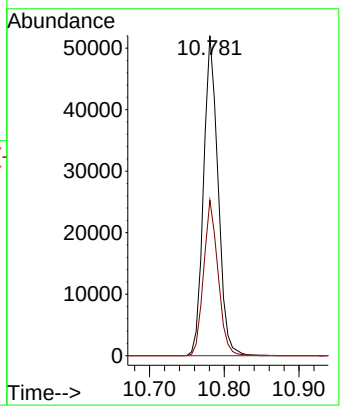




#71
Bromoform
Concen: 54.326 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:173 Resp: 7004

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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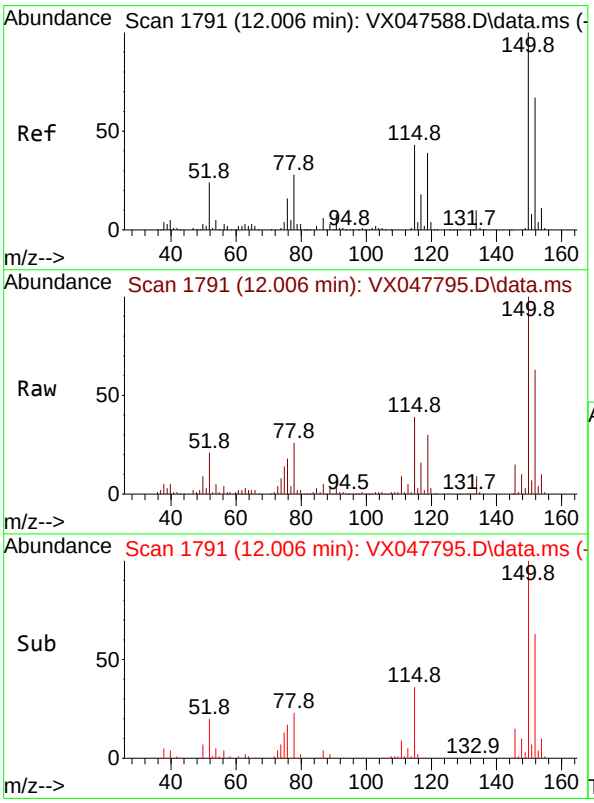
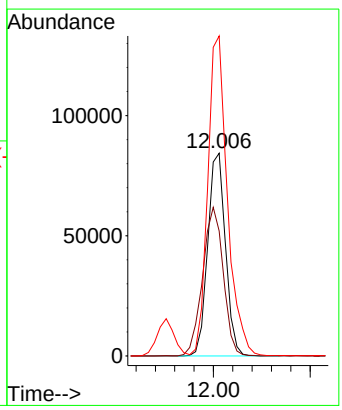
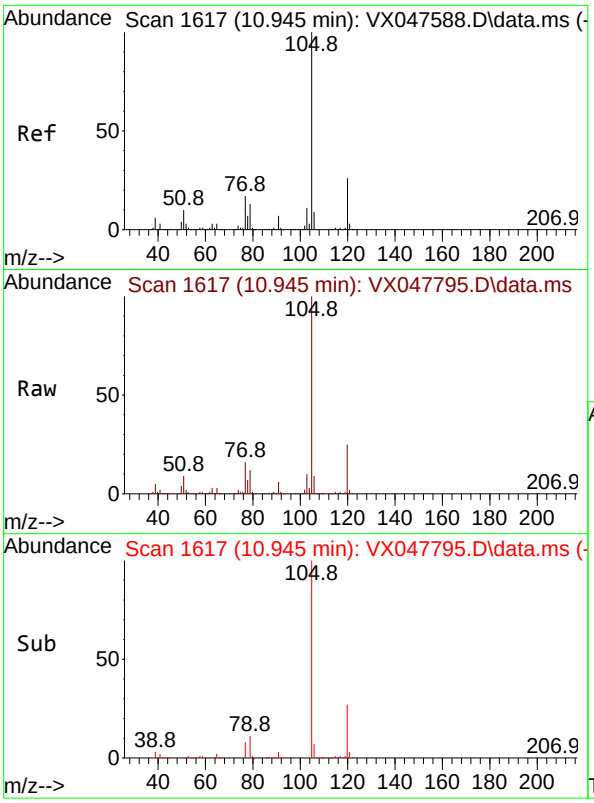


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:152 Resp: 107538

Ion	Ratio	Lower	Upper
152	100		
115	85.6	44.9	134.5
150	174.4	0.0	352.0

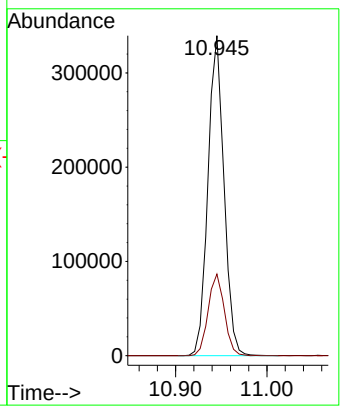




#73
Isopropylbenzene
Concen: 50.350 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:105 Resp: 41165

Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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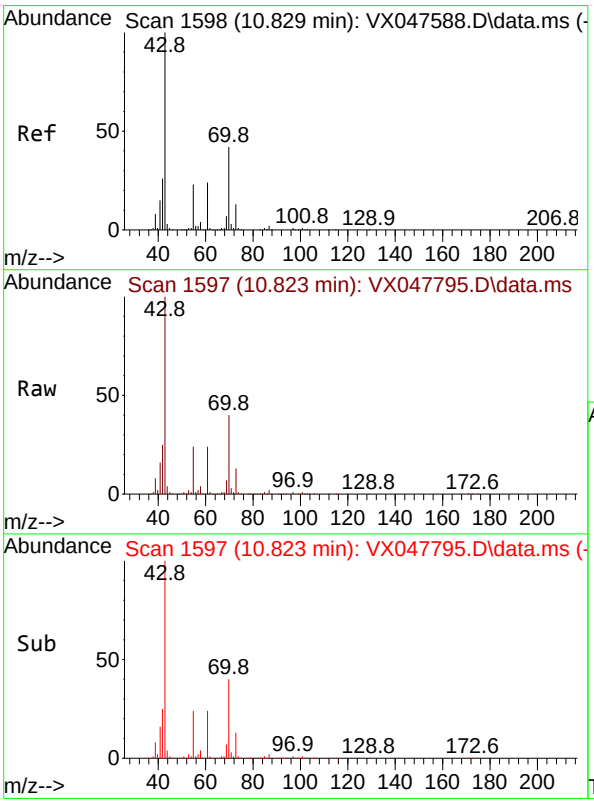
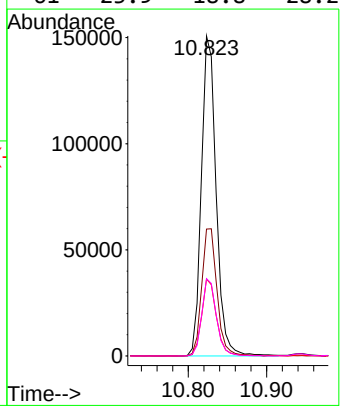
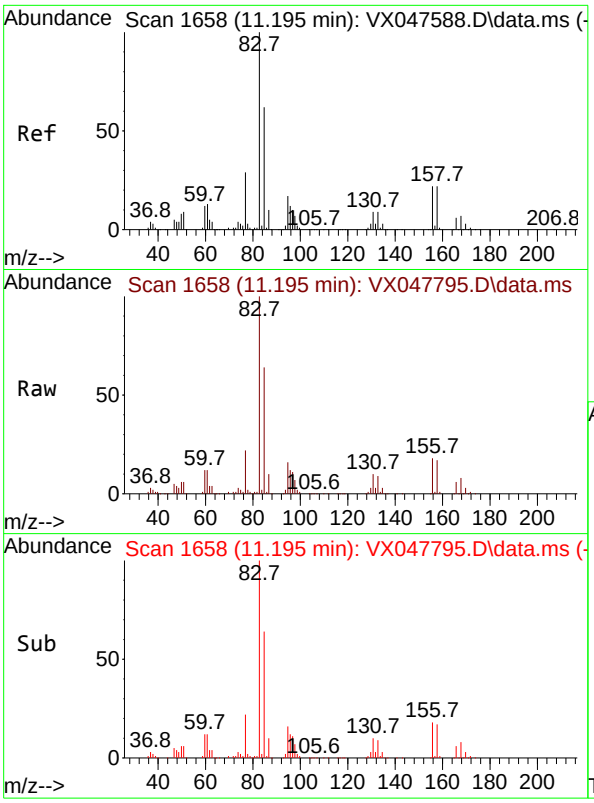


#74
N-amyl acetate
Concen: 52.937 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 197362

Ion	Ratio	Lower	Upper
43	100		
70	41.2	32.0	48.0
55	24.0	18.9	28.3
61	23.9	18.8	28.2

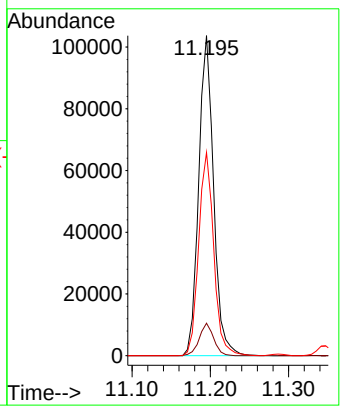




#75
1,1,2,2-Tetrachloroethane
Concen: 55.331 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 83 Resp: 13686

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	14.9
85	64.3	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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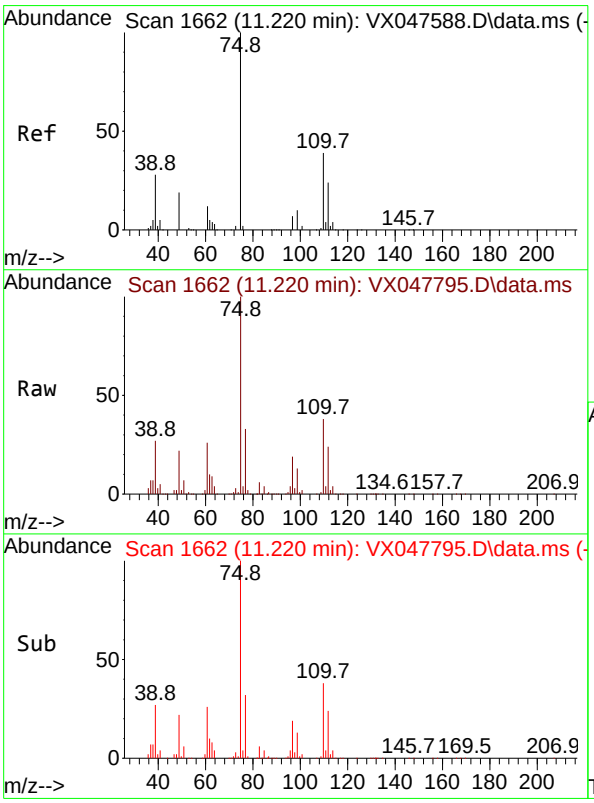
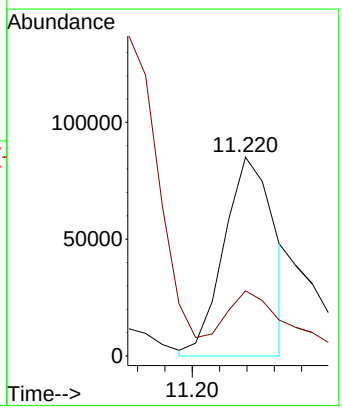
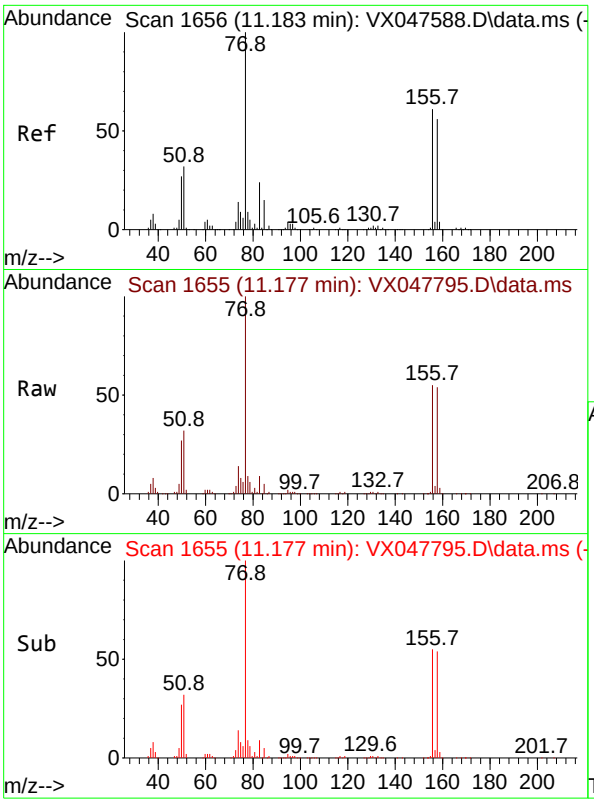


#76
1,2,3-Trichloropropane
Concen: 49.670 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 75 Resp: 108147

Ion	Ratio	Lower	Upper
75	100		
77	42.9	18.8	56.4





#77
Bromobenzene
Concen: 51.743 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:156 Resp: 10419

Ion	Ratio	Lower	Upper
156	100		
77	170.6	89.7	269.1
158	96.6	47.9	143.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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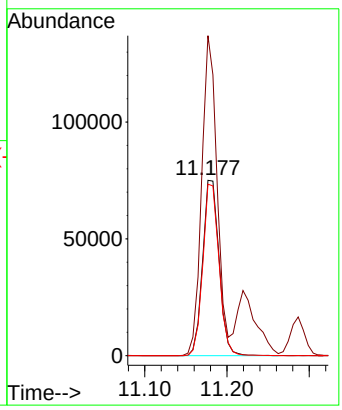
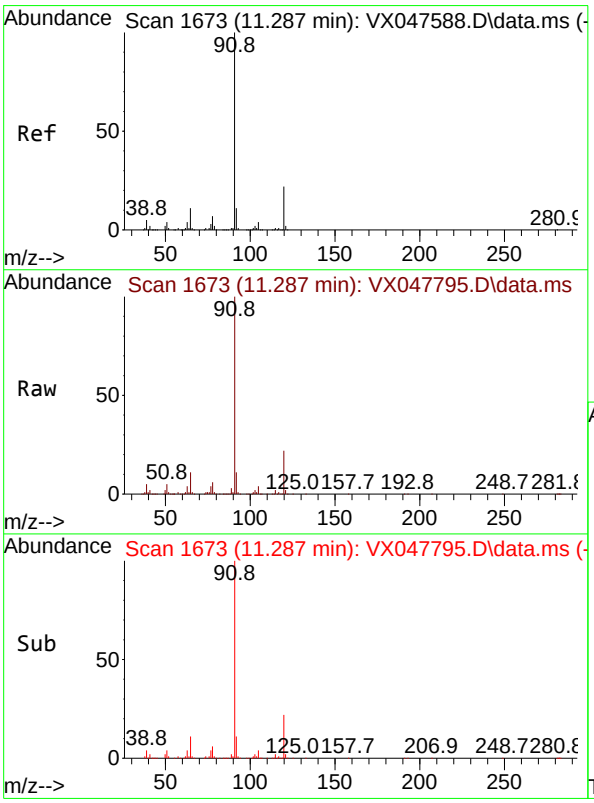
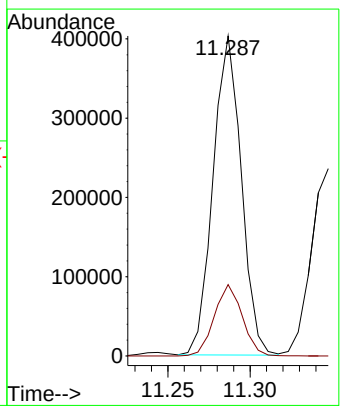


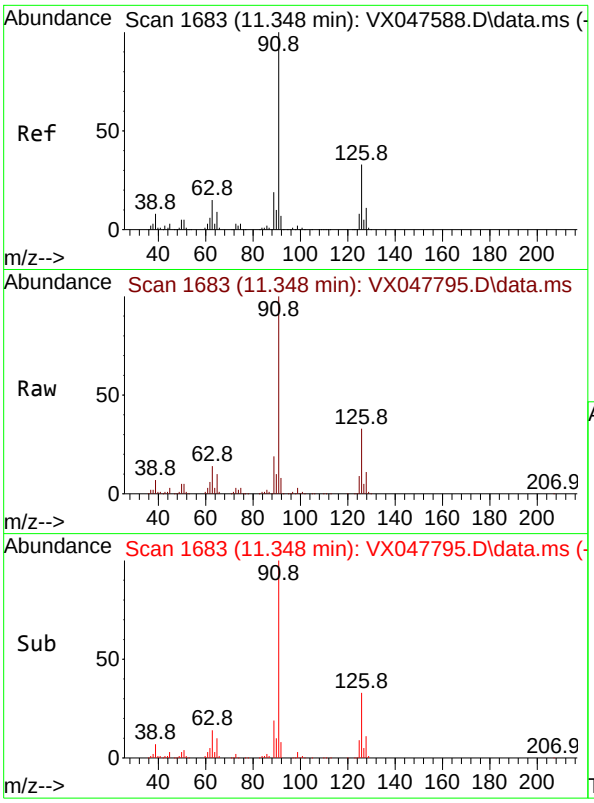


#78
n-propylbenzene
Concen: 49.629 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 91 Resp: 479655

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#79
2-Chlorotoluene
Concen: 49.940 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 91 Resp: 29561

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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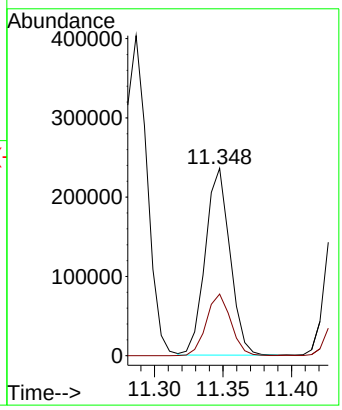
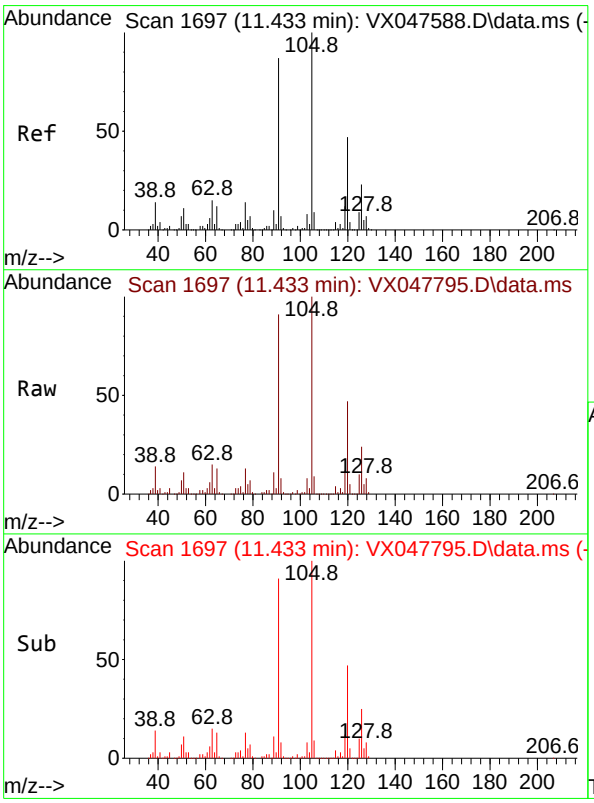
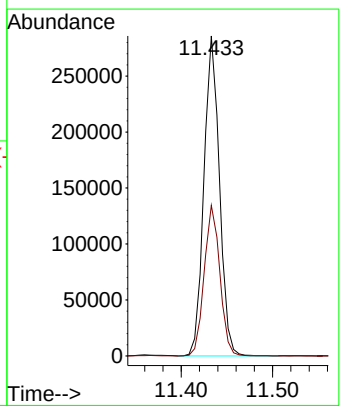


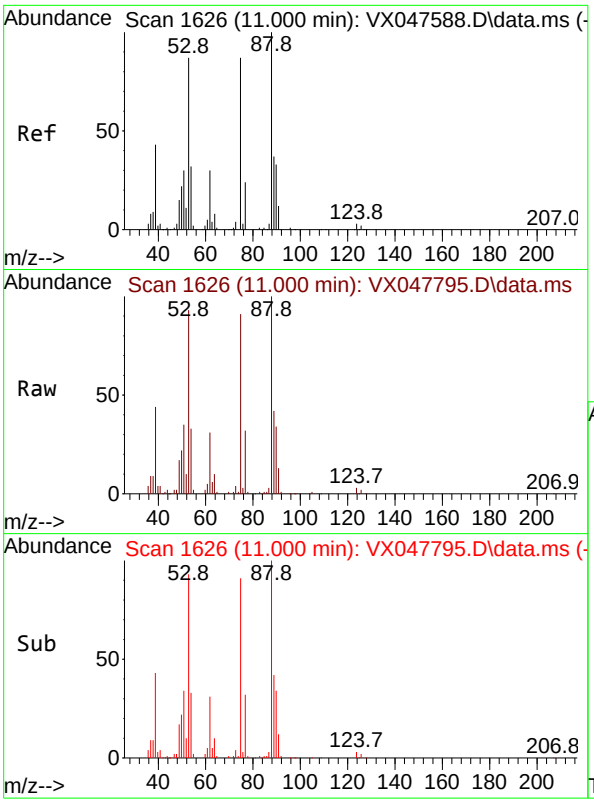


#80
1,3,5-Trimethylbenzene
Concen: 49.936 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:105 Resp: 335426

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 40.415 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 75 Resp: 3450

Ion	Ratio	Lower	Upper
75	100		
53	105.3	83.4	125.2
89	46.9	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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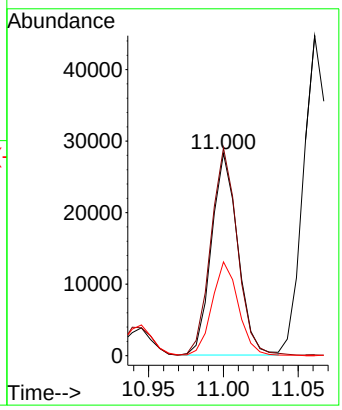
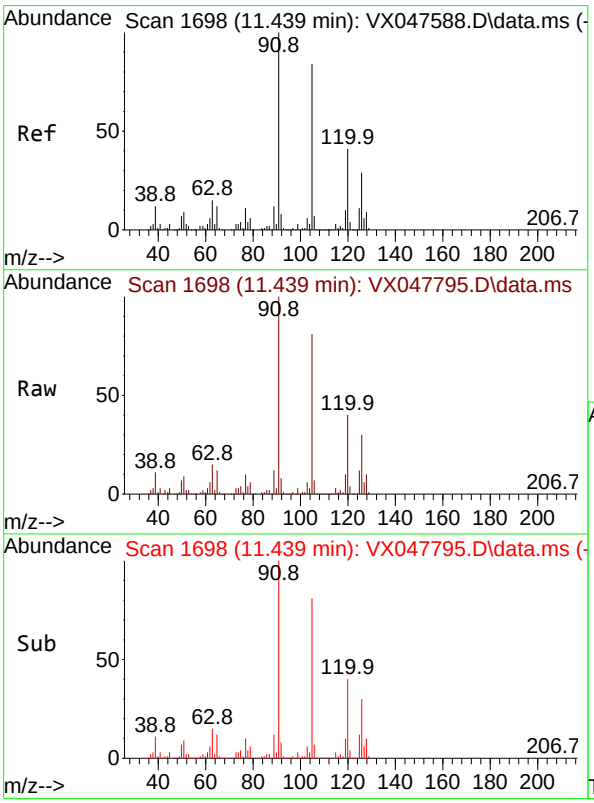
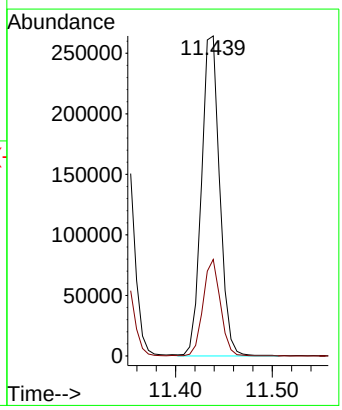


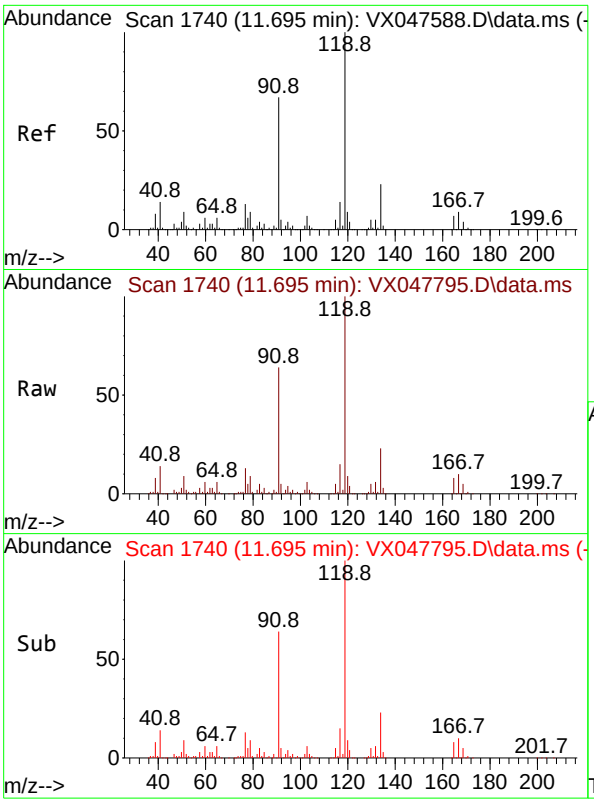


#82
4-Chlorotoluene
Concen: 49.519 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 91 Resp: 346198

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.2	42.6

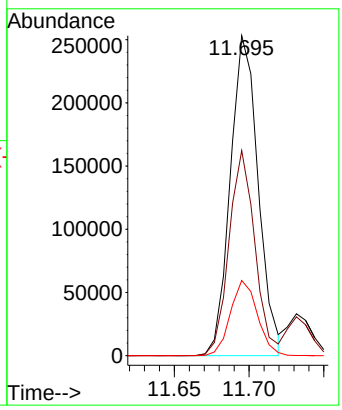




#83
tert-Butylbenzene
Concen: 47.721 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:119 Resp: 32813

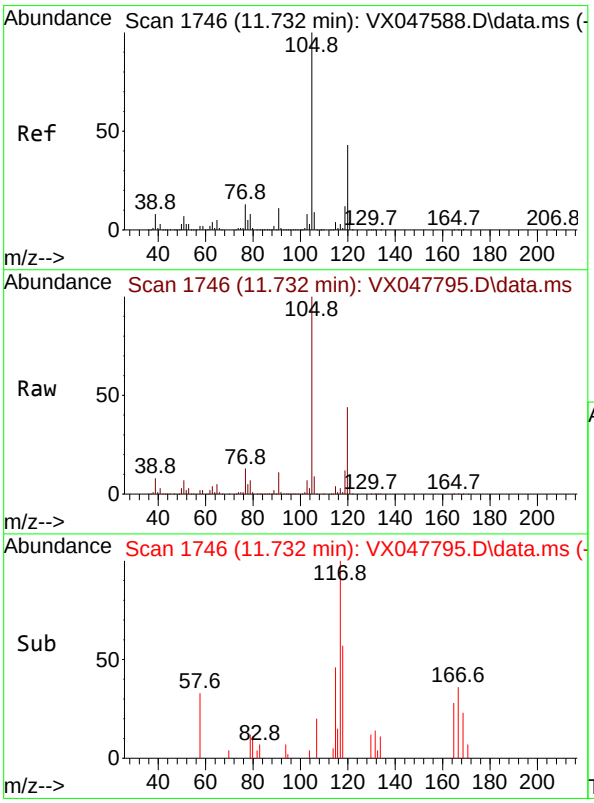
Ion	Ratio	Lower	Upper
119	100		
91	59.7	29.6	88.8
134	22.9	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

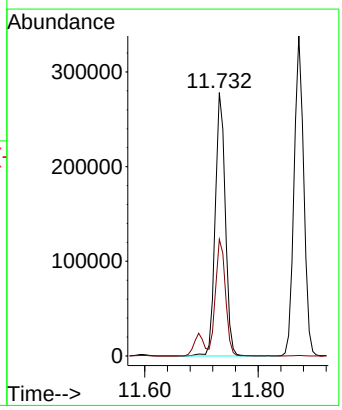
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

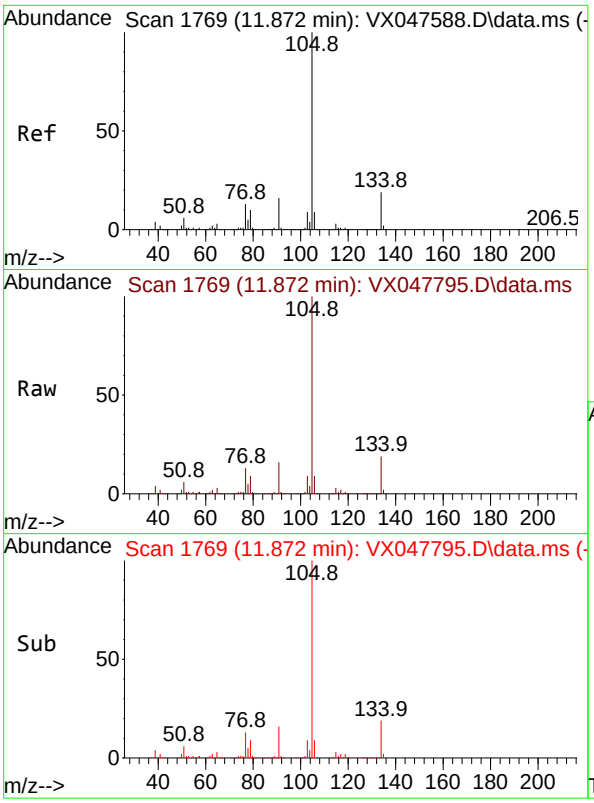


#84
1,2,4-Trimethylbenzene
Concen: 50.330 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:105 Resp: 342751

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1

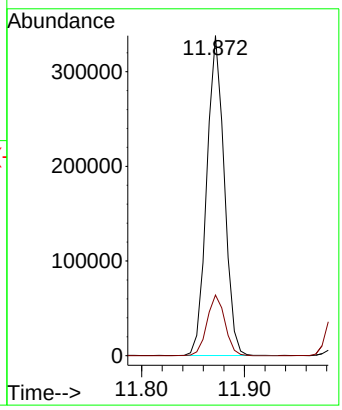




#85
sec-Butylbenzene
Concen: 48.893 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:105 Resp: 39933

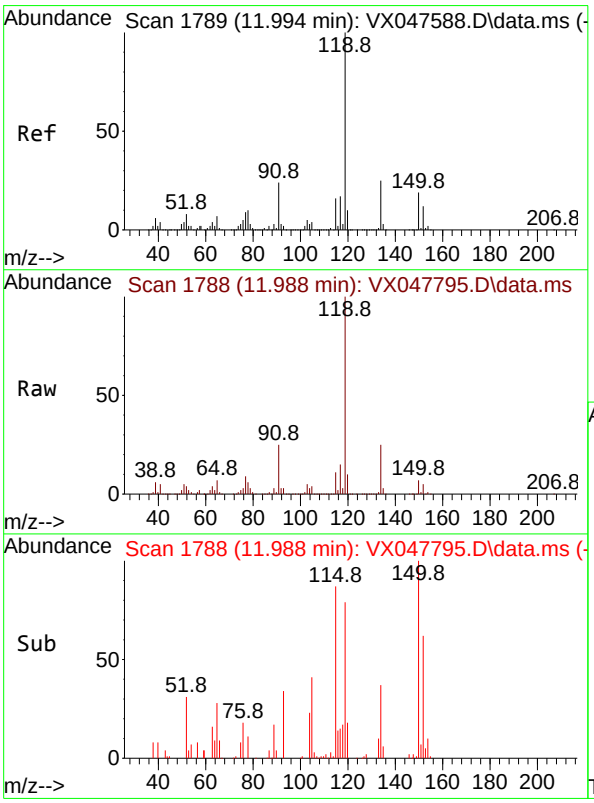
Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

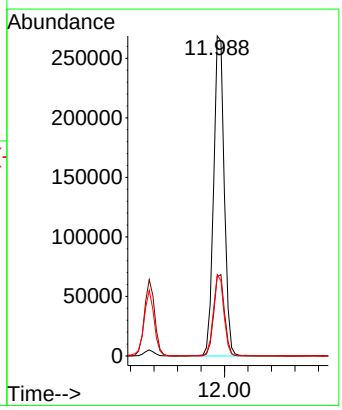
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

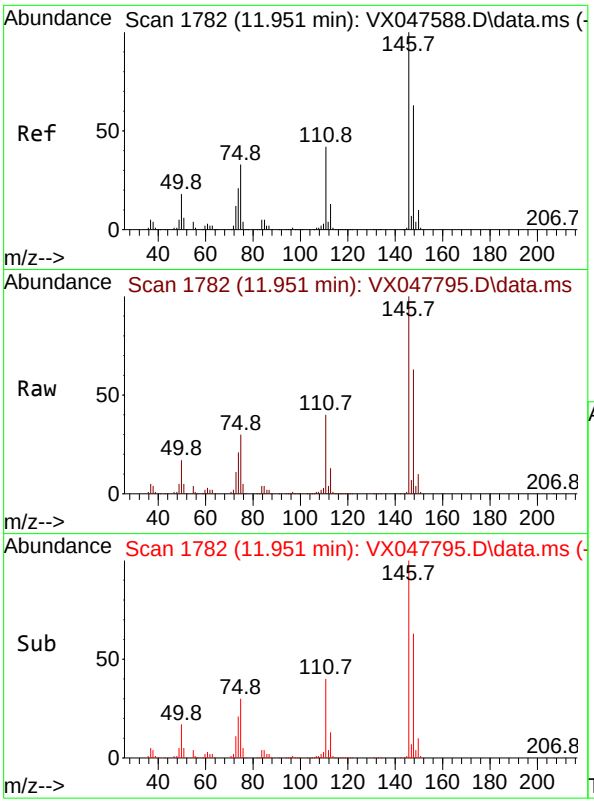


#86
p-Isopropyltoluene
Concen: 48.621 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:119 Resp: 336196

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	25.2	12.6	37.6

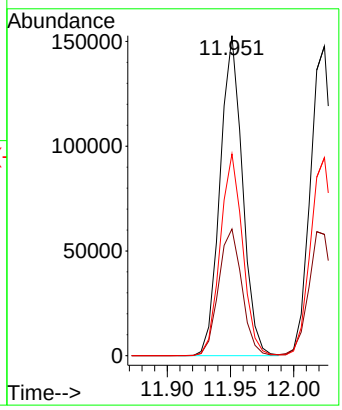




#87
1,3-Dichlorobenzene
Concen: 50.255 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:146 Resp: 18796

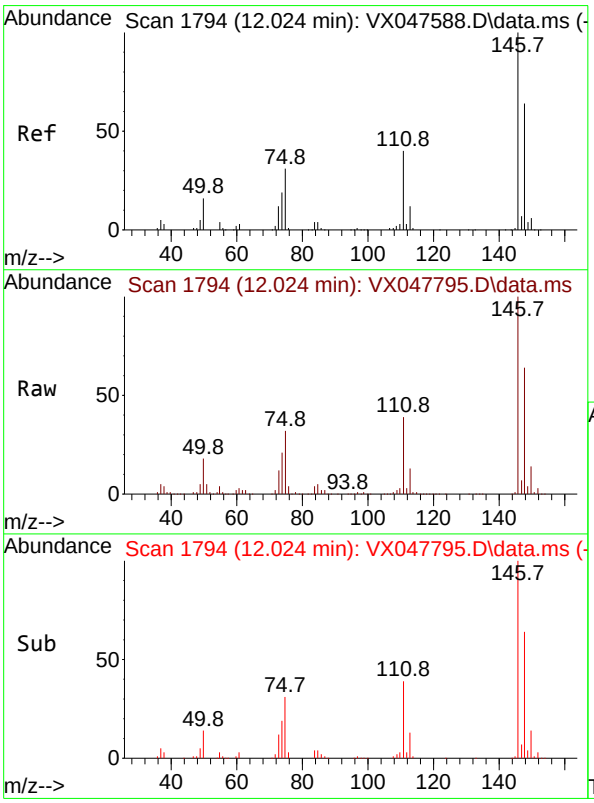
Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.5	64.5
148	63.0	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

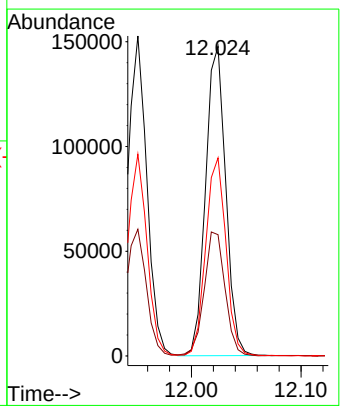
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

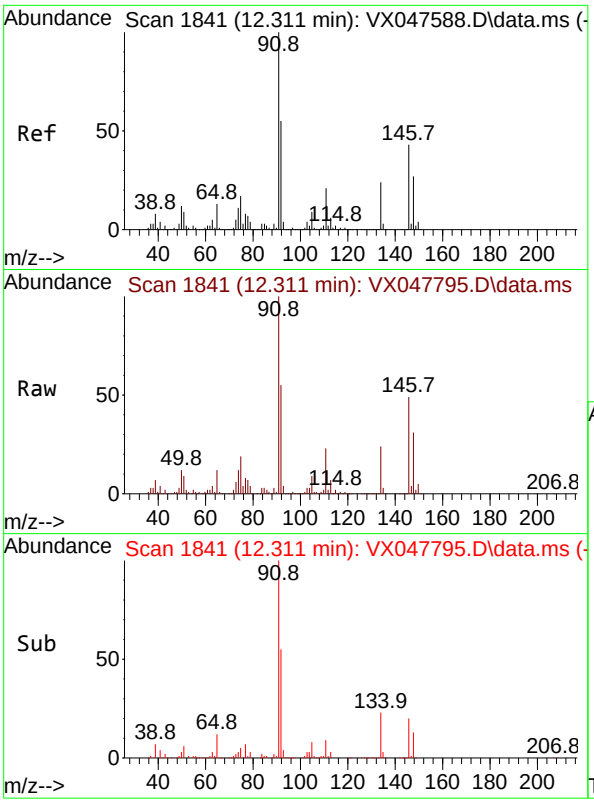


#88
1,4-Dichlorobenzene
Concen: 49.035 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:146 Resp: 188229

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	64.9	31.7	95.1





#89
n-Butylbenzene
Concen: 46.765 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

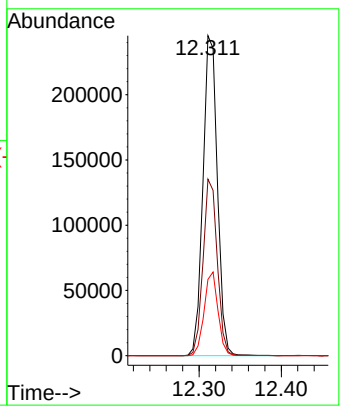
Tgt Ion: 91 Resp: 29920

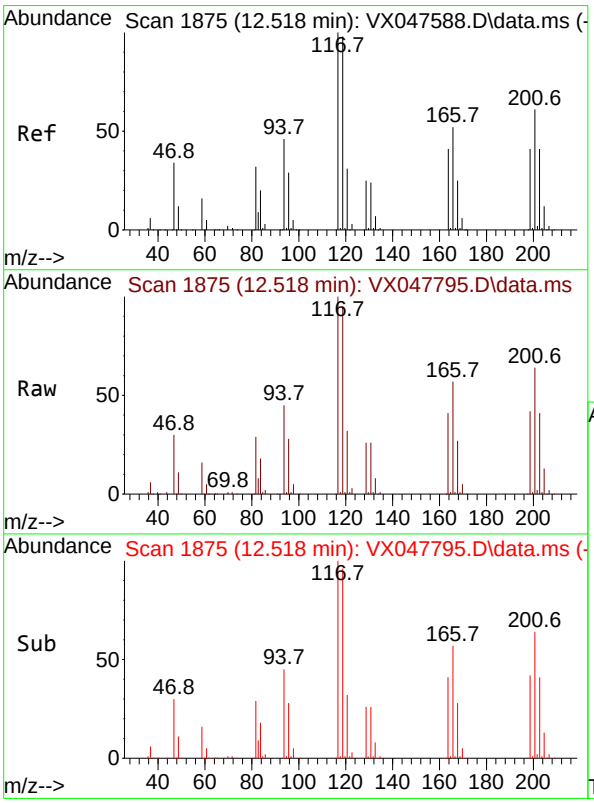
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.6	82.7
134	25.2	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

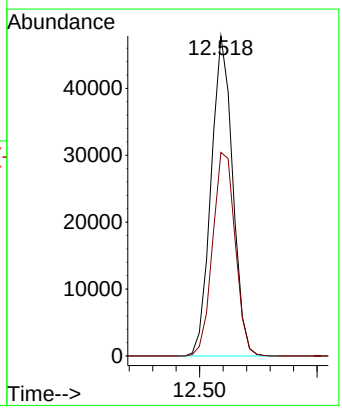


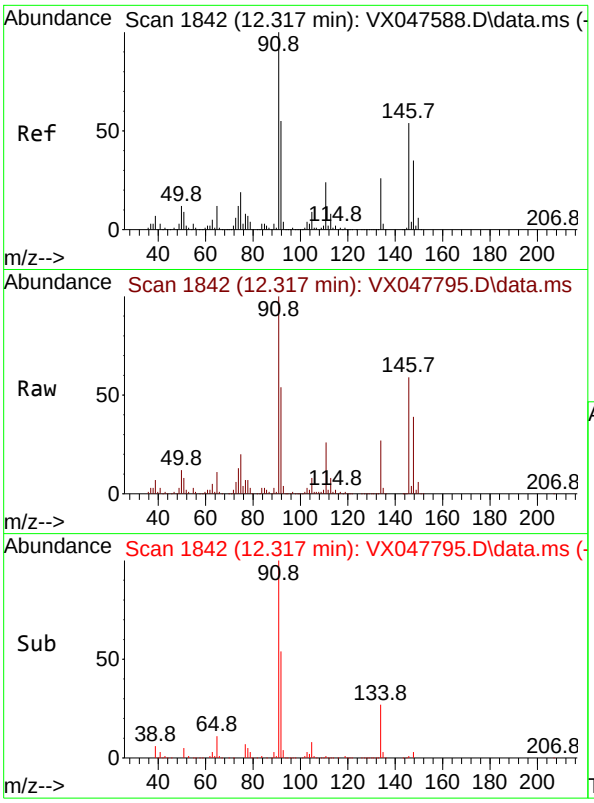


#90
Hexachloroethane
Concen: 50.062 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:117 Resp: 60775

Ion	Ratio	Lower	Upper
117	100		
201	67.0	34.2	102.5

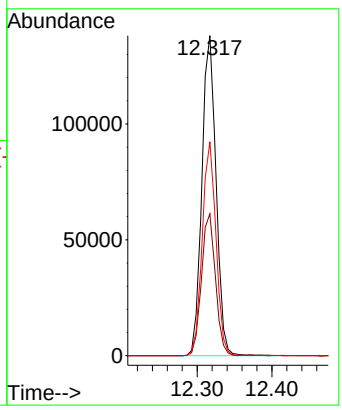




#91
1,2-Dichlorobenzene
Concen: 50.965 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:146 Resp: 18159

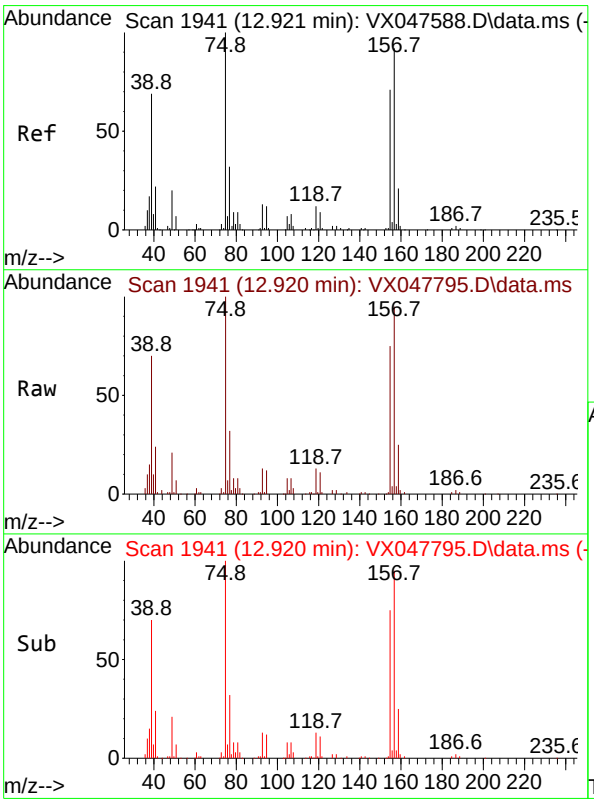
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.2	66.6
148	64.9	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

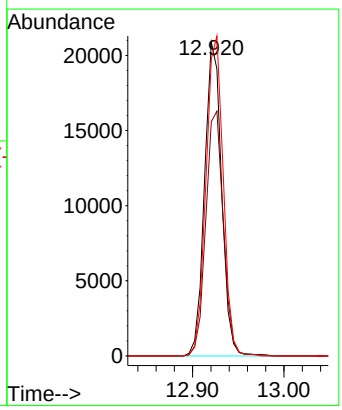
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

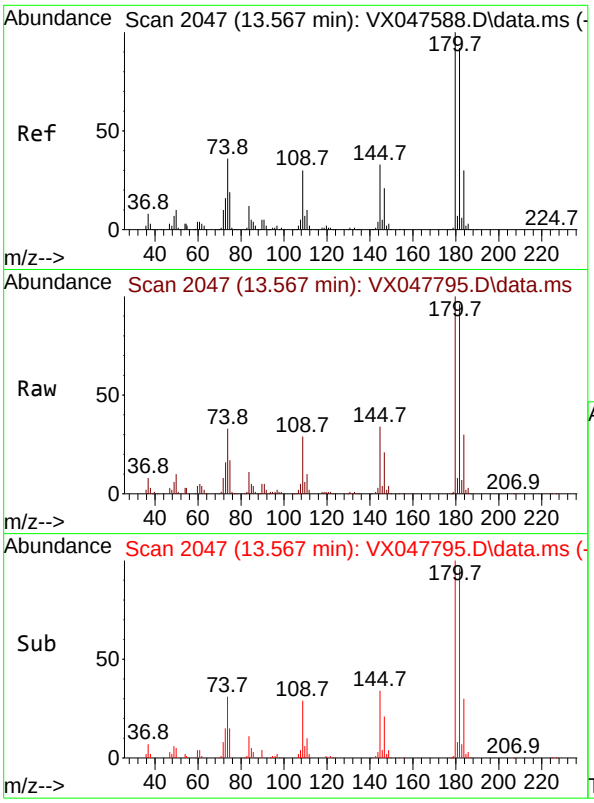


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.714 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 75 Resp: 26900

Ion	Ratio	Lower	Upper
75	100		
155	80.8	37.7	113.1
157	103.2	49.8	149.4





#93
1,2,4-Trichlorobenzene
Concen: 48.251 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

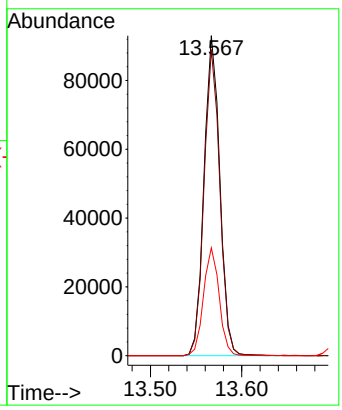
Tgt Ion:180 Resp: 11173

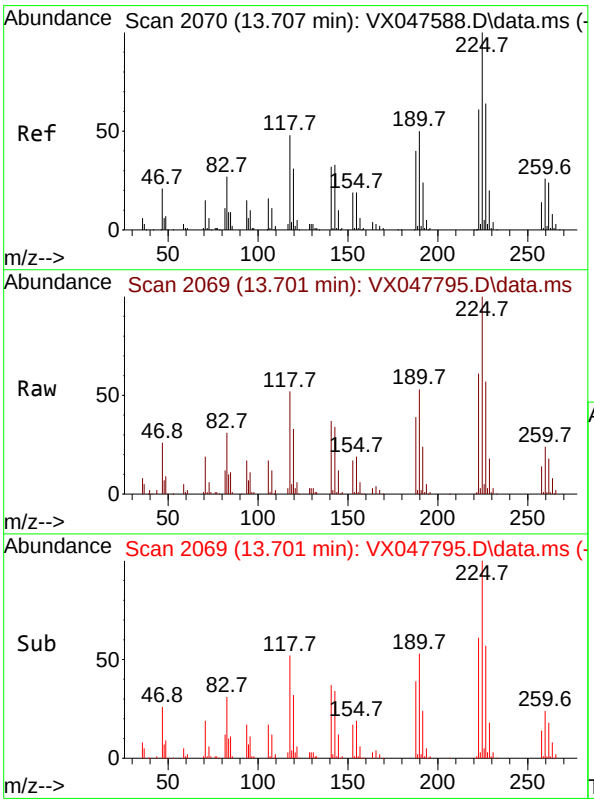
Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.6	139.8
145	33.3	16.4	49.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

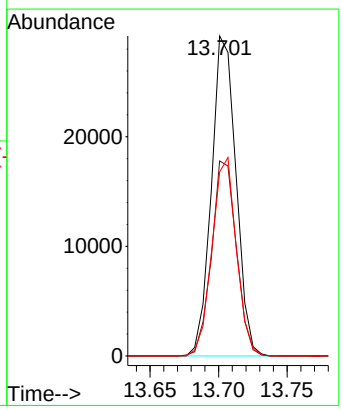


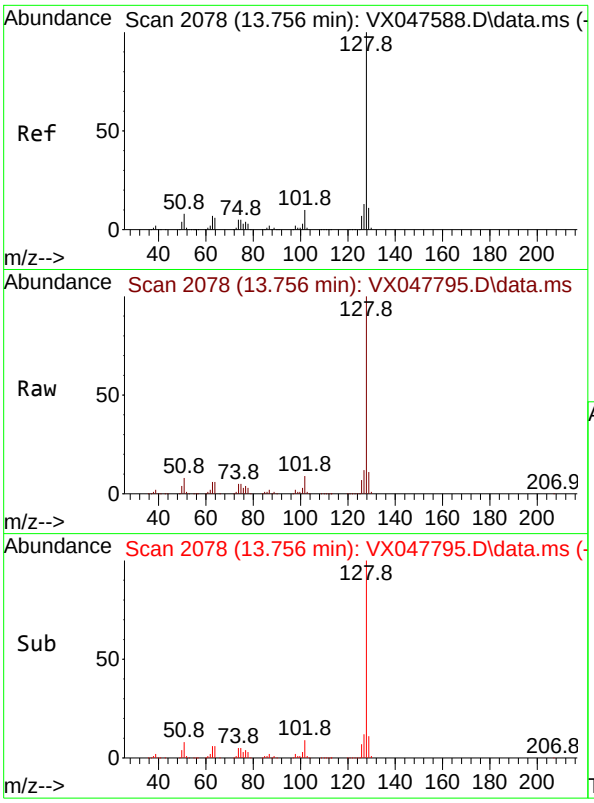


#94
Hexachlorobutadiene
Concen: 46.224 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:225 Resp: 36360

Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.7	95.1
227	61.5	32.0	96.0

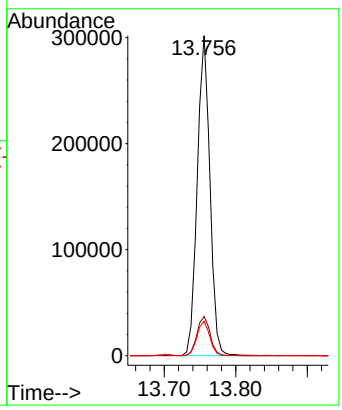




#95
Naphthalene
Concen: 52.388 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:128 Resp: 36942

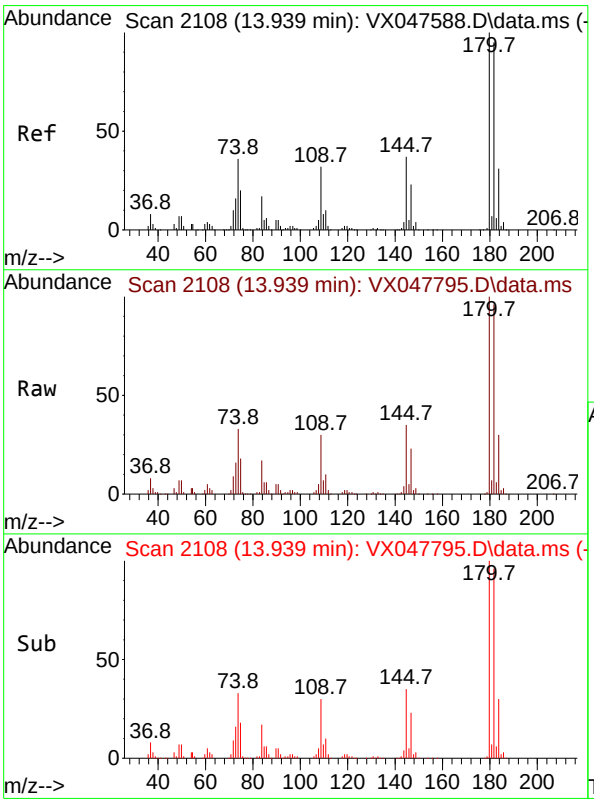
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

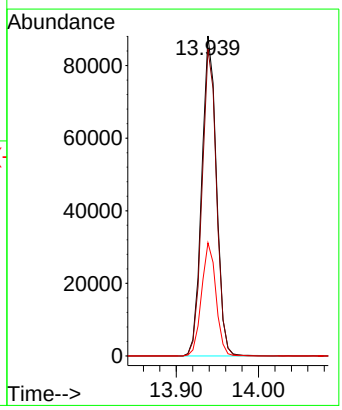
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.695 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:180 Resp: 109206

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.8
145	34.7	17.9	53.7



Sample Results: **VX047795.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	78	-0.01
2	T	Dichlorodifluoromethane	0.518	0.627	-21.0	98	0.00
3	P	Chloromethane	0.680	0.789	-16.0	94	0.00
4	C	Vinyl Chloride	0.666	0.779	-17.0#	92	0.00
5	T	Bromomethane	0.422	0.471	-11.6	87	0.00
6	T	Chloroethane	0.445	0.495	-11.2	88	0.00
7	T	Trichlorofluoromethane	0.989	1.083	-9.5	85	0.00
8	T	Diethyl Ether	0.405	0.451	-11.4	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.618	-6.9	83	0.00
10	T	Methyl Iodide	0.902	0.964	-6.9	83	0.00
11	T	Tert butyl alcohol	0.089	0.100	-12.4	88	0.00
12	CM	1,1-Dichloroethene	0.594	0.663	-11.6#	86	0.00
13	T	Acrolein	0.082	0.095	-15.9	92	0.00
14	T	Allyl chloride	1.226	1.201	2.0	78	0.00
15	T	Acrylonitrile	0.328	0.414	-26.2#	94	0.00
16	T	Acetone	0.346	0.336	2.9	83	0.00
17	T	Carbon Disulfide	1.626	1.765	-8.5	89	0.00
18	T	Methyl Acetate	0.770	0.985	-27.9#	88	0.00
19	T	Methyl tert-butyl Ether	2.169	2.414	-11.3	84	0.00
20	T	Methylene Chloride	0.732	0.817	-11.6	88	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.703	-9.8	85	0.00
22	T	Diisopropyl ether	2.376	2.620	-10.3	83	-0.01
23	T	Vinyl Acetate	1.901	2.117	-11.4	83	0.00
24	P	1,1-Dichloroethane	1.263	1.370	-8.5	83	0.00
25	T	2-Butanone	0.432	0.496	-14.8	89	0.00
26	T	2,2-Dichloropropane	1.050	0.538	48.8#	40#	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.854	-9.1	83	-0.01
28	T	Bromochloromethane	0.551	0.621	-12.7	84	-0.01
29	T	Tetrahydrofuran	0.260	0.319	-22.7	91	0.00
30	C	Chloroform	1.276	1.421	-11.4#	84	0.00
31	T	Cyclohexane	1.052	1.056	-0.4	80	0.00
32	T	1,1,1-Trichloroethane	1.082	1.142	-5.5	80	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.817	-2.6	83	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35	S	Dibromofluoromethane	0.335	0.351	-4.8	85	0.00
36	T	1,1-Dichloropropene	0.490	0.485	1.0	80	-0.01
37	T	Ethyl Acetate	0.525	0.587	-11.8	88	-0.01
38	T	Carbon Tetrachloride	0.532	0.538	-1.1	80	-0.01
39	T	Methylcyclohexane	0.556	0.530	4.7	75	0.00
40	TM	Benzene	1.488	1.598	-7.4	84	0.00
41	T	Methacrylonitrile	0.271	0.316	-16.6	89	0.00
42	TM	1,2-Dichloroethane	0.566	0.594	-4.9	82	0.00
43	T	Isopropyl Acetate	0.860	0.943	-9.7	84	0.00
44	TM	Trichloroethene	0.360	0.380	-5.6	82	0.00
45	C	1,2-Dichloropropane	0.381	0.418	-9.7#	84	0.00
46	T	Dibromomethane	0.277	0.297	-7.2	83	0.00
47	T	Bromodichloromethane	0.572	0.613	-7.2	81	0.00
48	T	Methyl methacrylate	0.429	0.477	-11.2	85	0.00

Sample Results: **VX047795.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.006	-50.0#	96	0.00
50	S	Toluene-d8	1.160	1.182	-1.9	82	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.566	-18.7	89	0.00
52	CM	Toluene	0.917	0.962	-4.9#	82	0.00
53	T	t-1,3-Dichloropropene	0.584	0.544	6.8	70	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.601	3.7	74	0.00
55	T	1,1,2-Trichloroethane	0.354	0.390	-10.2	85	0.00
56	T	Ethyl methacrylate	0.555	0.624	-12.4	83	0.00
57	T	1,3-Dichloropropane	0.607	0.678	-11.7	85	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.323	-42.3#	95	0.00
59	T	2-Hexanone	0.343	0.392	-14.3	87	0.00
60	T	Dibromochloromethane	0.407	0.449	-10.3	83	0.00
61	T	1,2-Dibromoethane	0.360	0.409	-13.6	86	0.00
62	S	4-Bromofluorobenzene	0.440	0.443	-0.7	83	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.326	0.353	-8.3	88	0.00
65	PM	Chlorobenzene	1.136	1.192	-4.9	83	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.413	-5.4	81	0.00
67	C	Ethyl Benzene	1.960	2.012	-2.7#	80	0.00
68	T	m/p-Xylenes	0.729	0.757	-3.8	81	0.00
69	T	o-Xylene	0.706	0.737	-4.4	80	0.00
70	T	Styrene	1.236	1.303	-5.4	82	0.00
71	P	Bromoform	0.293	0.318	-8.5	83	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73	T	Isopropylbenzene	3.801	3.828	-0.7	80	0.00
74	T	N-amyl acetate	1.733	1.835	-5.9	83	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.273	-10.7	87	0.00
76	T	1,2,3-Trichloropropane	1.012	1.006	0.6	75	0.00
77	T	Bromobenzene	0.936	0.969	-3.5	83	0.00
78	T	n-propylbenzene	4.494	4.460	0.8	78	0.00
79	T	2-Chlorotoluene	2.752	2.749	0.1	79	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.119	0.1	79	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.321	19.1	65	0.00
82	T	4-Chlorotoluene	3.251	3.219	1.0	79	0.00
83	T	tert-Butylbenzene	3.197	3.051	4.6	76	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.187	-0.7	80	0.00
85	T	sec-Butylbenzene	3.797	3.713	2.2	78	0.00
86	T	p-Isopropyltoluene	3.215	3.126	2.8	77	0.00
87	T	1,3-Dichlorobenzene	1.739	1.748	-0.5	81	0.00
88	T	1,4-Dichlorobenzene	1.785	1.750	2.0	80	0.00
89	T	n-Butylbenzene	2.975	2.782	6.5	75	0.00
90	T	Hexachloroethane	0.564	0.565	-0.2	80	0.00
91	T	1,2-Dichlorobenzene	1.657	1.689	-1.9	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.250	-7.3	83	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.039	3.5	76	0.00
94	T	Hexachlorobutadiene	0.366	0.338	7.7	74	0.00
95	T	Naphthalene	3.279	3.435	-4.8	82	0.00

Sample Results: **VX047795.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	1.016	-1.4	79	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX047795.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	78	-0.01
2	T	Dichlorodifluoromethane	50.000	60.561	-21.1	98	0.00
3	P	Chloromethane	50.000	58.004	-16.0	94	0.00
4	C	Vinyl Chloride	50.000	58.447	-16.9#	92	0.00
5	T	Bromomethane	50.000	55.750	-11.5	87	0.00
6	T	Chloroethane	50.000	55.564	-11.1	88	0.00
7	T	Trichlorofluoromethane	50.000	54.767	-9.5	85	0.00
8	T	Diethyl Ether	50.000	55.711	-11.4	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.429	-6.9	83	0.00
10	T	Methyl Iodide	50.000	53.431	-6.9	83	0.00
11	T	Tert butyl alcohol	250.000	281.323	-12.5	88	0.00
12	CM	1,1-Dichloroethene	50.000	55.766	-11.5#	86	0.00
13	T	Acrolein	250.000	291.917	-16.8	92	0.00
14	T	Allyl chloride	50.000	49.005	2.0	78	0.00
15	T	Acrylonitrile	250.000	315.422	-26.2#	94	0.00
16	T	Acetone	250.000	242.588	3.0	83	0.00
17	T	Carbon Disulfide	50.000	54.273	-8.5	89	0.00
18	T	Methyl Acetate	50.000	63.948	-27.9#	88	0.00
19	T	Methyl tert-butyl Ether	50.000	55.667	-11.3	84	0.00
20	T	Methylene Chloride	50.000	55.767	-11.5	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.943	-9.9	85	0.00
22	T	Diisopropyl ether	50.000	55.145	-10.3	83	-0.01
23	T	Vinyl Acetate	250.000	278.368	-11.3	83	0.00
24	P	1,1-Dichloroethane	50.000	54.236	-8.5	83	0.00
25	T	2-Butanone	250.000	287.179	-14.9	89	0.00
26	T	2,2-Dichloropropane	50.000	25.628	48.7#	40	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.540	-9.1	83	-0.01
28	T	Bromochloromethane	50.000	56.300	-12.6	84	-0.01
29	T	Tetrahydrofuran	250.000	307.408	-23.0	91	0.00
30	C	Chloroform	50.000	55.697	-11.4#	84	0.00
31	T	Cyclohexane	50.000	50.203	-0.4	80	0.00
32	T	1,1,1-Trichloroethane	50.000	52.743	-5.5	80	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.305	-2.6	83	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	52.379	-4.8	85	0.00
36	T	1,1-Dichloropropene	50.000	49.510	1.0	80	-0.01
37	T	Ethyl Acetate	50.000	55.984	-12.0	88	-0.01
38	T	Carbon Tetrachloride	50.000	50.553	-1.1	80	-0.01
39	T	Methylcyclohexane	50.000	47.613	4.8	75	0.00
40	TM	Benzene	50.000	53.689	-7.4	84	0.00
41	T	Methacrylonitrile	50.000	58.352	-16.7	89	0.00
42	TM	1,2-Dichloroethane	50.000	52.455	-4.9	82	0.00
43	T	Isopropyl Acetate	50.000	54.813	-9.6	84	0.00
44	TM	Trichloroethene	50.000	52.779	-5.6	82	0.00
45	C	1,2-Dichloropropane	50.000	54.802	-9.6#	84	0.00
46	T	Dibromomethane	50.000	53.611	-7.2	83	0.00
47	T	Bromodichloromethane	50.000	53.552	-7.1	81	0.00
48	T	Methyl methacrylate	50.000	55.683	-11.4	85	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1335.620	-33.6#	96	0.00
50	S	Toluene-d8	50.000	50.933	-1.9	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	296.468	-18.6	89	0.00
52	CM	Toluene	50.000	52.436	-4.9#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	46.584	6.8	70	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.178	3.6	74	0.00
55	T	1,1,2-Trichloroethane	50.000	55.106	-10.2	85	0.00
56	T	Ethyl methacrylate	50.000	56.190	-12.4	83	0.00
57	T	1,3-Dichloropropane	50.000	55.801	-11.6	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	300.637	-20.3	95	0.00
59	T	2-Hexanone	250.000	285.853	-14.3	87	0.00
60	T	Dibromochloromethane	50.000	55.147	-10.3	83	0.00
61	T	1,2-Dibromoethane	50.000	56.807	-13.6	86	0.00
62	S	4-Bromofluorobenzene	50.000	50.317	-0.6	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	54.134	-8.3	88	0.00
65	PM	Chlorobenzene	50.000	52.484	-5.0	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.723	-5.4	81	0.00
67	C	Ethyl Benzene	50.000	51.323	-2.6#	80	0.00
68	T	m/p-Xylenes	100.000	103.770	-3.8	81	0.00
69	T	o-Xylene	50.000	52.252	-4.5	80	0.00
70	T	Styrene	50.000	52.692	-5.4	82	0.00
71	P	Bromoform	50.000	54.326	-8.7	83	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73	T	Isopropylbenzene	50.000	50.350	-0.7	80	0.00
74	T	N-amyl acetate	50.000	52.937	-5.9	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.331	-10.7	87	0.00
76	T	1,2,3-Trichloropropane	50.000	49.670	0.7	75	0.00
77	T	Bromobenzene	50.000	51.743	-3.5	83	0.00
78	T	n-propylbenzene	50.000	49.629	0.7	78	0.00
79	T	2-Chlorotoluene	50.000	49.940	0.1	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.936	0.1	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.415	19.2	65	0.00
82	T	4-Chlorotoluene	50.000	49.519	1.0	79	0.00
83	T	tert-Butylbenzene	50.000	47.721	4.6	76	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.330	-0.7	80	0.00
85	T	sec-Butylbenzene	50.000	48.893	2.2	78	0.00
86	T	p-Isopropyltoluene	50.000	48.621	2.8	77	0.00
87	T	1,3-Dichlorobenzene	50.000	50.255	-0.5	81	0.00
88	T	1,4-Dichlorobenzene	50.000	49.035	1.9	80	0.00
89	T	n-Butylbenzene	50.000	46.765	6.5	75	0.00
90	T	Hexachloroethane	50.000	50.062	-0.1	80	0.00
91	T	1,2-Dichlorobenzene	50.000	50.965	-1.9	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.714	-7.4	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.251	3.5	76	0.00
94	T	Hexachlorobutadiene	50.000	46.224	7.6	74	0.00
95	T	Naphthalene	50.000	52.388	-4.8	82	0.00

Sample Results: **VX047795.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	50.695	-1.4	79	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX047823.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: AECO15
Lab Code: ACE
SDG No.: Q3128
Instrument ID: MSVOA_X
Calibration Date/Time: 09/25/2025 19:09
Lab File ID: VX047823.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.570		10.04	50
Chloromethane	0.680	0.706	0.1	3.82	50
Vinyl Chloride	0.666	0.715		7.36	50
Bromomethane	0.422	0.476		12.8	50
Chloroethane	0.445	0.468		5.17	50
Trichlorofluoromethane	0.989	1.012		2.33	50
1,1,2-Trichlorotrifluoroethane	0.578	0.582		0.69	50
1,1-Dichloroethene	0.594	0.611		2.86	50
Acetone	0.346	0.295		-14.74	50
Carbon Disulfide	1.626	1.666		2.46	50
Methyl tert-butyl Ether	2.169	2.267		4.52	50
Methyl Acetate	0.770	0.897		16.49	50
Methylene Chloride	0.732	0.760		3.83	50
trans-1,2-Dichloroethene	0.640	0.669		4.53	50
1,1-Dichloroethane	1.263	1.314	0.1	4.04	50
Cyclohexane	1.052	1.017		-3.33	50
2-Butanone	0.432	0.457		5.79	50
Carbon Tetrachloride	0.532	0.519		-2.44	50
cis-1,2-Dichloroethene	0.783	0.823		5.11	50
Bromochloromethane	0.551	0.605		9.8	50
Chloroform	1.276	1.355		6.19	50
1,1,1-Trichloroethane	1.082	1.111		2.68	50
Methylcyclohexane	0.556	0.527		-5.22	50
Benzene	1.488	1.537		3.29	50
1,2-Dichloroethane	0.566	0.566		0	50
Trichloroethene	0.360	0.370		2.78	50
1,2-Dichloropropane	0.381	0.403		5.77	50
Bromodichloromethane	0.572	0.597		4.37	50
4-Methyl-2-Pentanone	0.477	0.541		13.42	50
Toluene	0.917	0.955		4.14	50
t-1,3-Dichloropropene	0.584	0.574		-1.71	50
cis-1,3-Dichloropropene	0.624	0.627		0.48	50
1,1,2-Trichloroethane	0.354	0.385		8.76	50
2-Hexanone	0.343	0.377		9.91	50
Dibromochloromethane	0.407	0.444		9.09	50
1,2-Dibromoethane	0.360	0.402		11.67	50
Tetrachloroethene	0.326	0.327		0.31	50
Chlorobenzene	1.136	1.165	0.3	2.55	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: Alliance | Contract: AECO15

Lab Code: ACE | SDG No.: Q3128

Instrument ID: MSVOA_X | Calibration Date/Time: 09/25/2025 19:09

Lab File ID: VX047823.D | Init. Calib. Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:23 12:01

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	1.999		1.99	50
m/p-Xylenes	0.729	0.748		2.61	50
o-Xylene	0.706	0.733		3.82	50
Styrene	1.236	1.280		3.56	50
Bromoform	0.293	0.319	0.1	8.87	50
Isopropylbenzene	3.801	3.759		-1.11	50
1,1,2,2-Tetrachloroethane	1.150	1.240	0.3	7.83	50
1,3-Dichlorobenzene	1.739	1.729		-0.57	50
1,4-Dichlorobenzene	1.785	1.757		-1.57	50
1,2-Dichlorobenzene	1.657	1.693		2.17	50
1,2-Dibromo-3-Chloropropane	0.233	0.237		1.72	50
1,2,4-Trichlorobenzene	1.077	1.045		-2.97	50
1,2,3-Trichlorobenzene	1.002	1.018		1.6	50
1,2-Dichloroethane-d4	0.796	0.769		-3.39	50
Dibromofluoromethane	0.335	0.335		0	50
Toluene-d8	1.160	1.142		-1.55	50
4-Bromofluorobenzene	0.440	0.431		-2.05	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\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	138162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	250600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	227187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106288	48.331	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.660%			
35) Dibromofluoromethane	5.373	113	84043	50.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.020%			
50) Toluene-d8	8.635	98	286276	49.227	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.460%			
62) 4-Bromofluorobenzene	11.061	95	107976	48.923	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	78791	55.072	ug/l	97
3) Chloromethane	1.301	50	97505	51.856	ug/l	98
4) Vinyl Chloride	1.380	62	98804	53.680	ug/l	100
5) Bromomethane	1.618	94	65791	56.368	ug/l	95
6) Chloroethane	1.697	64	64638	52.542	ug/l	99
7) Trichlorofluoromethane	1.898	101	139775	51.144	ug/l	100
8) Diethyl Ether	2.136	74	58834	52.626	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	80435	50.334	ug/l	100
10) Methyl Iodide	2.459	142	123956	49.736	ug/l	99
11) Tert butyl alcohol	2.947	59	60006	244.991	ug/l	99
12) 1,1-Dichloroethene	2.325	96	84395	51.413	ug/l	96
13) Acrolein	2.239	56	52407	232.189	ug/l	100
14) Allyl chloride	2.666	41	162575	47.995	ug/l	96
15) Acrylonitrile	3.062	53	263719	290.682	ug/l	98
16) Acetone	2.374	43	203713	213.041	ug/l	97
17) Carbon Disulfide	2.520	76	230212	51.229	ug/l	98
18) Methyl Acetate	2.703	43	123868	58.207	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	313200	52.268	ug/l	98
20) Methylene Chloride	2.788	84	105012	51.882	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	92382	52.273	ug/l	97
22) Diisopropyl ether	3.751	45	345715	52.663	ug/l #	82
23) Vinyl Acetate	3.715	43	1417612	269.815	ug/l	100
24) 1,1-Dichloroethane	3.605	63	181568	52.037	ug/l	98
25) 2-Butanone	4.544	43	315750	264.723	ug/l	99
26) 2,2-Dichloropropane	4.471	77	106096	36.580	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	113745	52.554	ug/l	96
28) Bromochloromethane	4.891	49	83565	54.859	ug/l	98
29) Tetrahydrofuran	4.995	42	205239	286.033	ug/l	99
30) Chloroform	5.086	83	187196	53.091	ug/l	99
31) Cyclohexane	5.464	56	140528	48.357	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	153431	51.302	ug/l	99
36) 1,1-Dichloropropene	5.684	75	116951	47.622	ug/l	97
37) Ethyl Acetate	4.702	43	135472	51.520	ug/l	99
38) Carbon Tetrachloride	5.666	117	130043	48.736	ug/l	96
39) Methylcyclohexane	7.367	83	132095	47.385	ug/l	97
40) Benzene	6.025	78	385239	51.647	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	73804	54.368	ug/l		98
42) 1,2-Dichloroethane	6.074	62	141902	50.000	ug/l		98
43) Isopropyl Acetate	6.324	43	226994	52.636	ug/l		99
44) Trichloroethene	7.110	130	92646	51.375	ug/l		99
45) 1,2-Dichloropropane	7.415	63	100953	52.856	ug/l		99
46) Dibromomethane	7.568	93	73360	52.781	ug/l		97
47) Bromodichloromethane	7.805	83	149506	52.127	ug/l		97
48) Methyl methacrylate	7.677	41	114802	53.443	ug/l		98
49) 1,4-Dioxane	7.647	88	28611	1317.923	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	677366	283.290	ug/l		100
52) Toluene	8.702	92	239352	52.084	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	143852	49.172	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	157052	50.226	ug/l		97
55) 1,1,2-Trichloroethane	9.135	97	96381	54.391	ug/l		98
56) Ethyl methacrylate	9.104	69	151863	54.571	ug/l		97
57) 1,3-Dichloropropane	9.293	76	166293	54.630	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.226	63	365599	273.260	ug/l		99
59) 2-Hexanone	9.415	43	472466	275.126	ug/l		99
60) Dibromochloromethane	9.506	129	111334	54.529	ug/l		100
61) 1,2-Dibromoethane	9.592	107	100762	55.828	ug/l		99
64) Tetrachloroethene	9.256	164	74213	50.109	ug/l		97
65) Chlorobenzene	10.061	112	264716	51.289	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	92643	52.017	ug/l		99
67) Ethyl Benzene	10.177	91	454152	50.998	ug/l		100
68) m/p-Xylenes	10.287	106	339855	102.531	ug/l		97
69) o-Xylene	10.622	106	166533	51.944	ug/l		97
70) Styrene	10.640	104	290866	51.778	ug/l		98
71) Bromoform	10.781	173	72491	54.510	ug/l	#	97
73) Isopropylbenzene	10.945	105	418008	49.442	ug/l		99
74) N-amyl acetate	10.829	43	199899	51.849	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	137858	53.895	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	105136m	46.695	ug/l		
77) Bromobenzene	11.183	156	105313	50.576	ug/l		98
78) n-propylbenzene	11.287	91	496726	49.701	ug/l		99
79) 2-Chlorotoluene	11.348	91	301415	49.240	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	345119	49.685	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	38514	43.621	ug/l		98
82) 4-Chlorotoluene	11.439	91	356913	49.368	ug/l		99
83) tert-Butylbenzene	11.695	119	346541	48.736	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	350492	49.770	ug/l		99
85) sec-Butylbenzene	11.872	105	416534	49.318	ug/l		100
86) p-Isopropyltoluene	11.988	119	349248	48.843	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	192298	49.719	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	195390	49.222	ug/l		99
89) n-Butylbenzene	12.311	91	317918	48.051	ug/l		99
90) Hexachloroethane	12.518	117	62532	49.811	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	188283	51.098	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26392	50.962	ug/l		94
93) 1,2,4-Trichlorobenzene	13.567	180	116183	48.516	ug/l		98
94) Hexachlorobutadiene	13.707	225	38133	46.880	ug/l		99
95) Naphthalene	13.756	128	379925	52.100	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	113155	50.796	ug/l		99

Sample Results: **VX047823.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

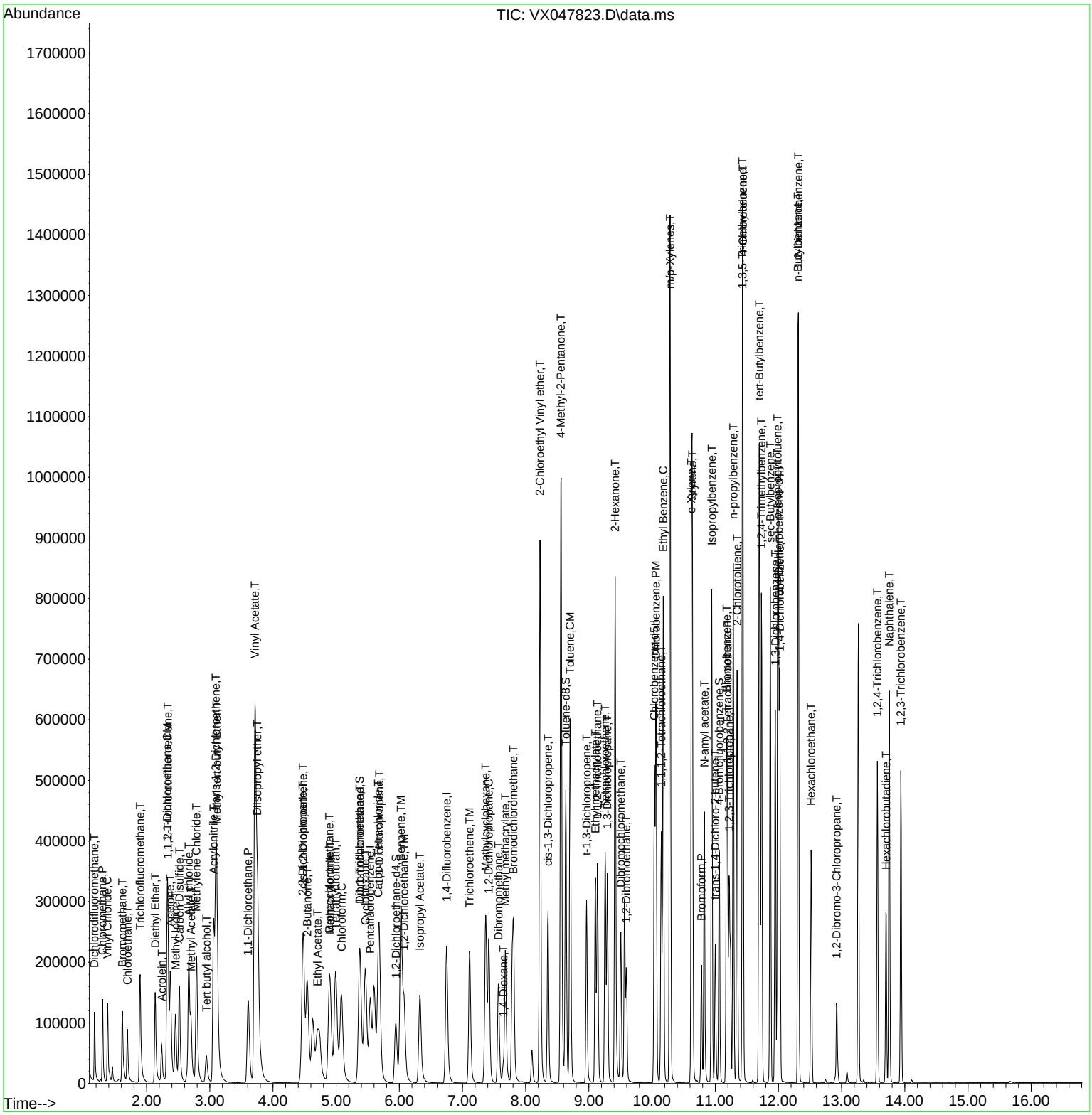
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

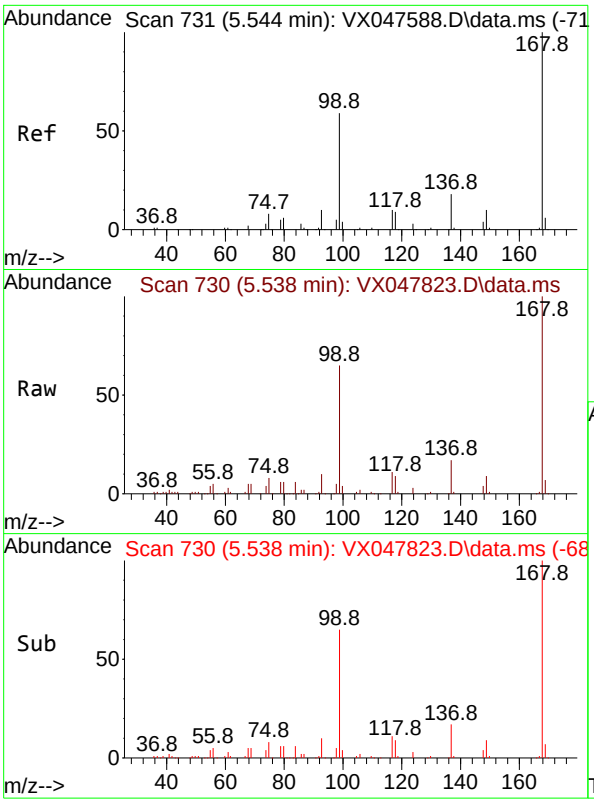
Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

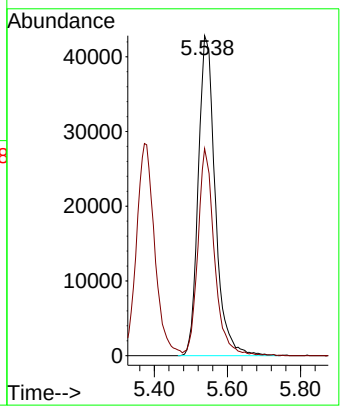




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:168 Resp: 13816

Ion	Ratio	Lower	Upper
168	100		
99	64.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
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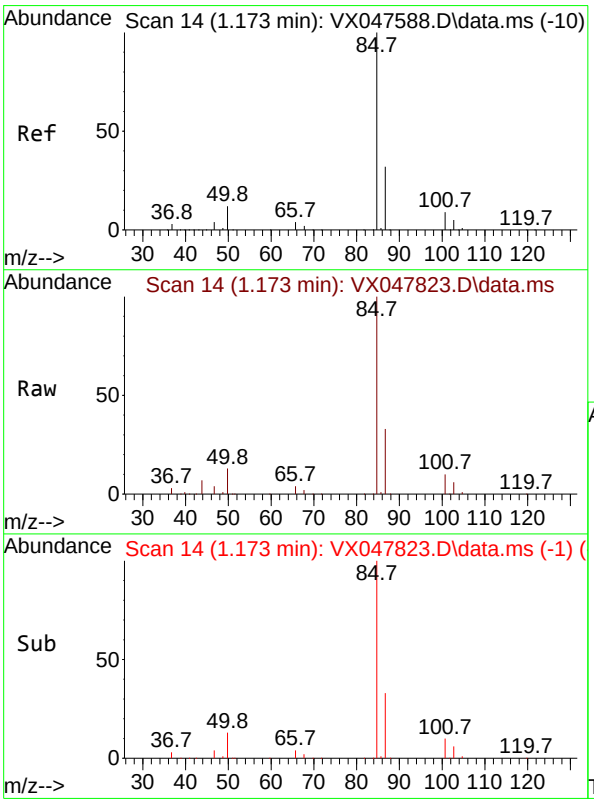
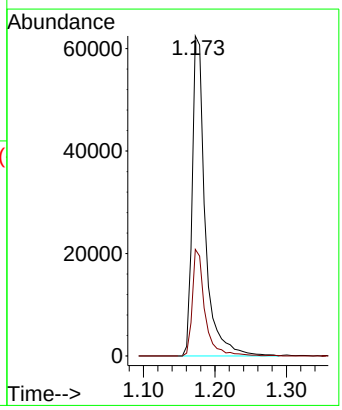
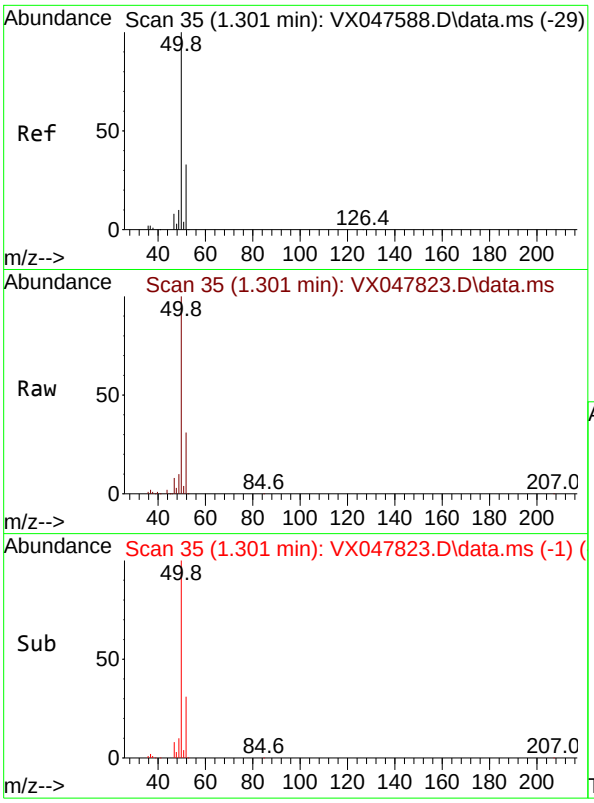


#2
Dichlorodifluoromethane
Concen: 55.072 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 85 Resp: 78791

Ion	Ratio	Lower	Upper
85	100		
87	33.3	15.8	47.3

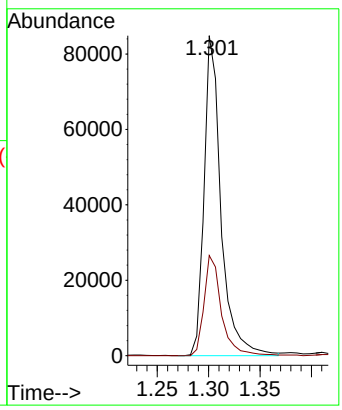




#3
Chloromethane
Concen: 51.856 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 50 Resp: 9750

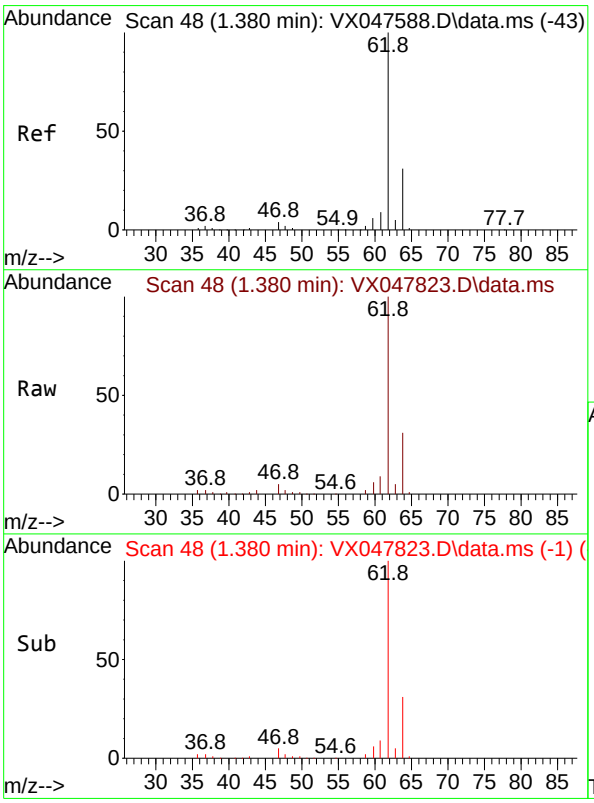
Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

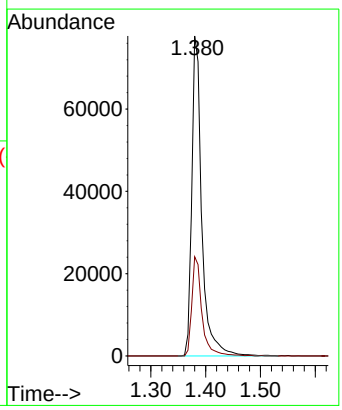
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

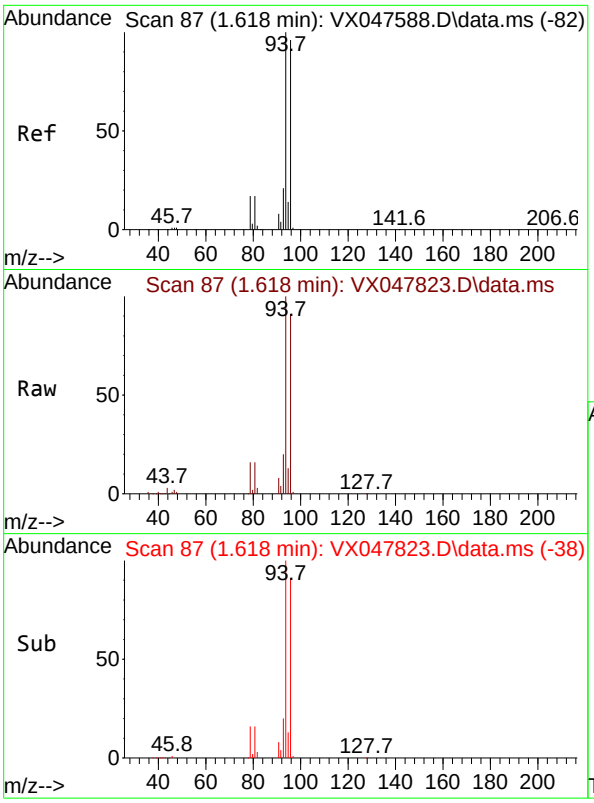


#4
Vinyl Chloride
Concen: 53.680 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 62 Resp: 98804

Ion	Ratio	Lower	Upper
62	100		
64	31.0	24.9	37.3





#5
Bromomethane
Concen: 56.368 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

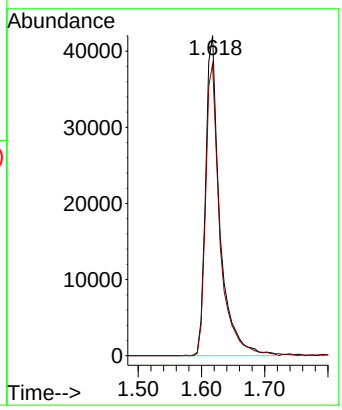
Tgt Ion: 94 Resp: 6579

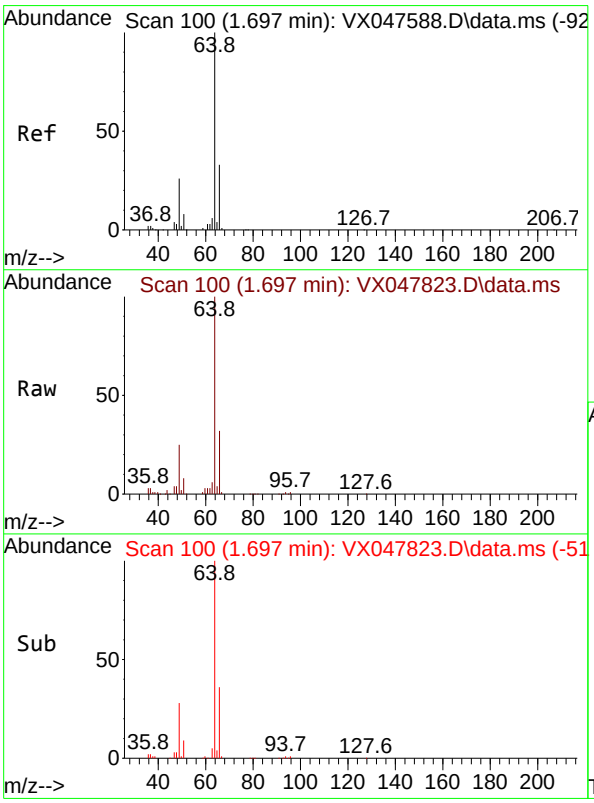
Ion	Ratio	Lower	Upper
94	100		
96	91.1	76.6	115.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

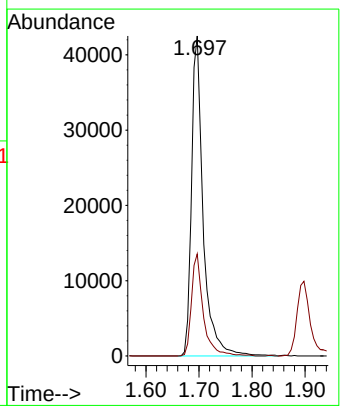


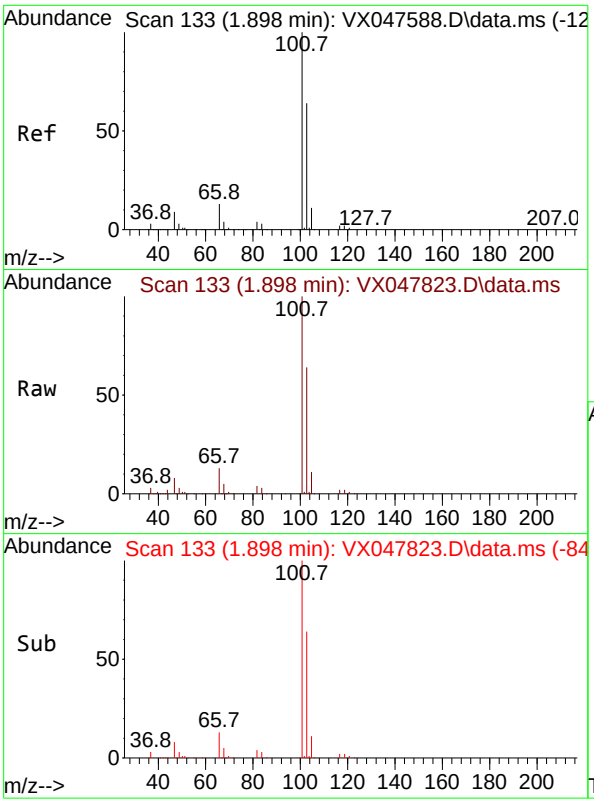


#6
Chloroethane
Concen: 52.542 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 64 Resp: 64638

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1





#7
Trichlorofluoromethane
Concen: 51.144 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

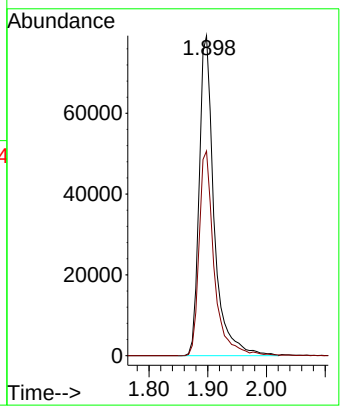
Tgt Ion:101 Resp: 13977

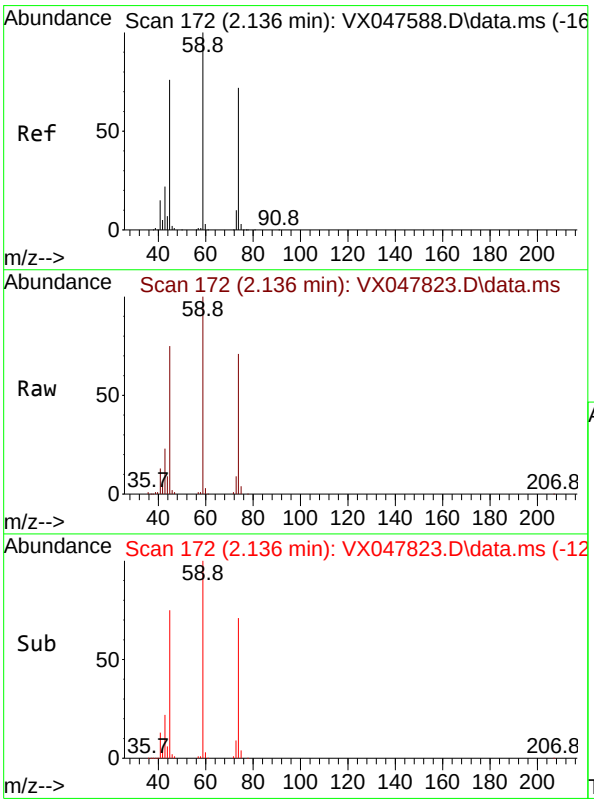
Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

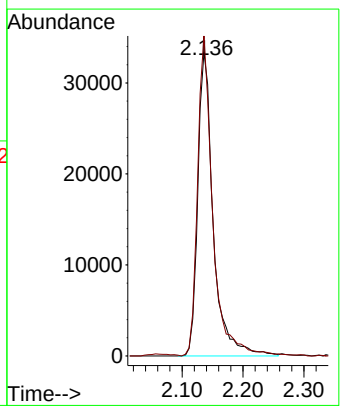


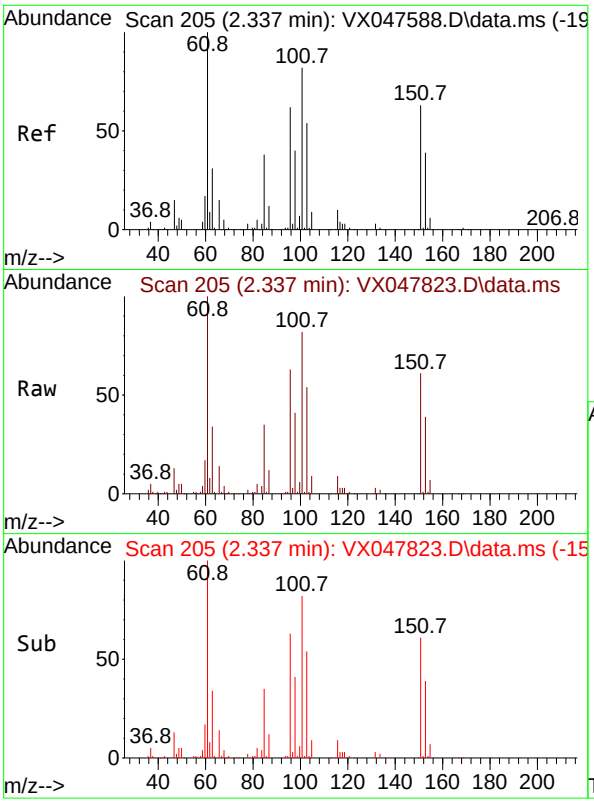


#8
Diethyl Ether
Concen: 52.626 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 74 Resp: 58834

Ion	Ratio	Lower	Upper
74	100		
45	103.6	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.334 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

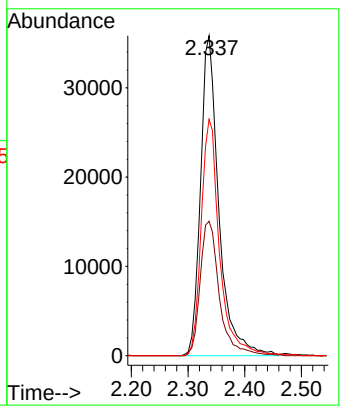
Tgt Ion:101 Resp: 8043

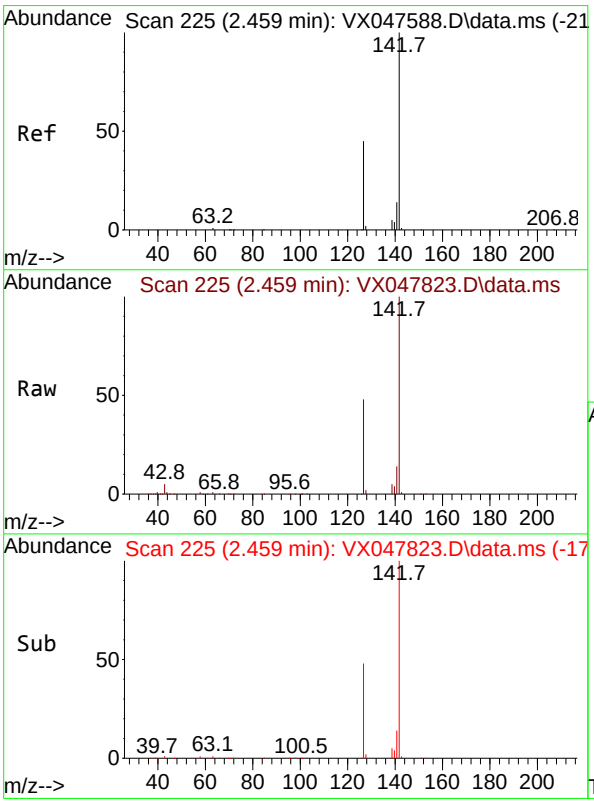
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.5	53.3
151	74.0	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

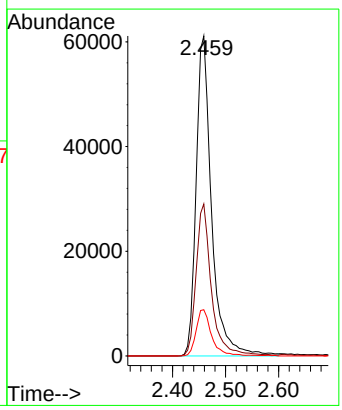


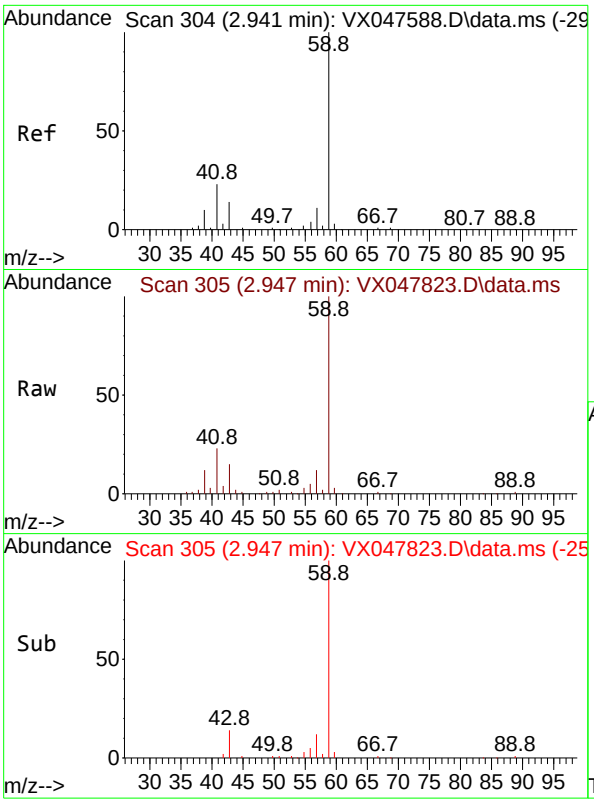


#10
Methyl Iodide
Concen: 49.736 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:142 Resp: 123956

Ion	Ratio	Lower	Upper
142	100		
127	47.2	37.2	55.8
141	14.6	11.4	17.0

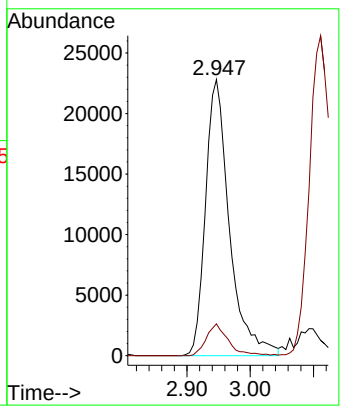




#11
Tert butyl alcohol
Concen: 244.991 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 59 Resp: 6000

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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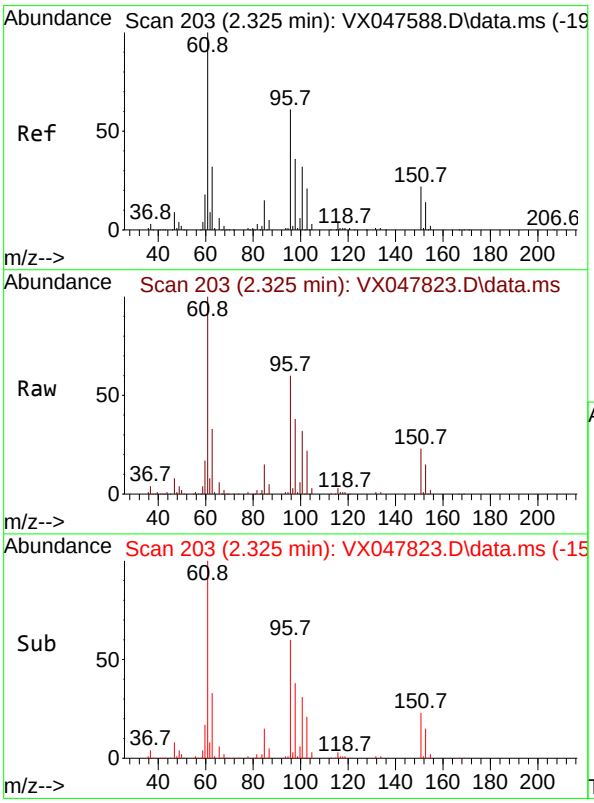
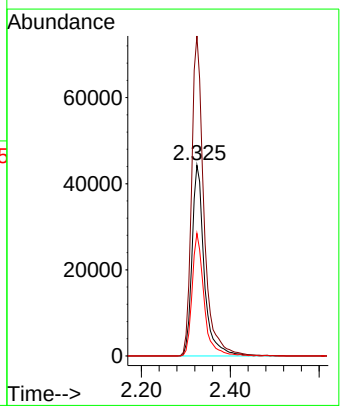
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

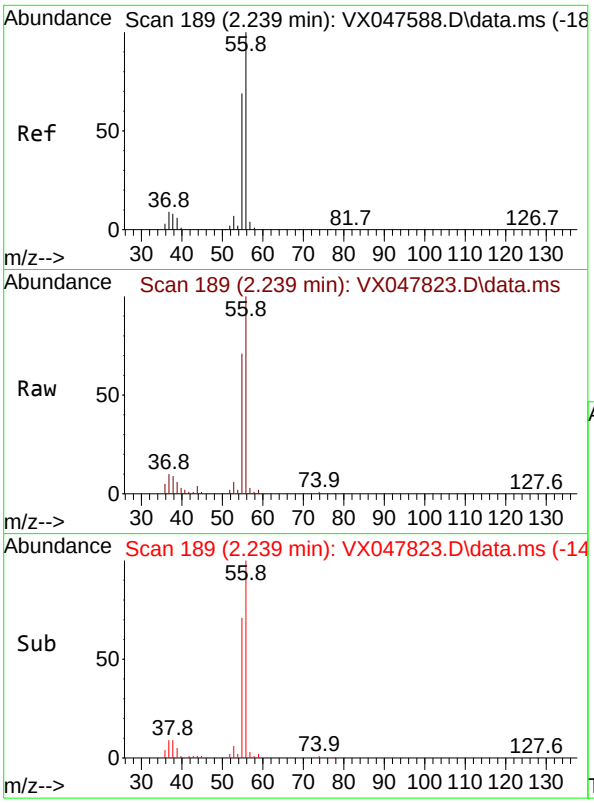


#12
1,1-Dichloroethene
Concen: 51.413 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 96 Resp: 84395

Ion	Ratio	Lower	Upper
96	100		
61	167.7	131.0	196.6
98	64.3	47.7	71.5





#13
Acrolein
Concen: 232.189 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 56 Resp: 5240

Ion	Ratio	Lower	Upper
56	100		
55	71.2	57.2	85.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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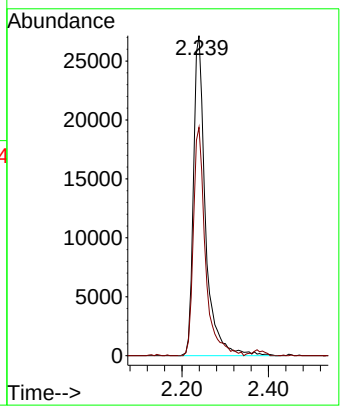
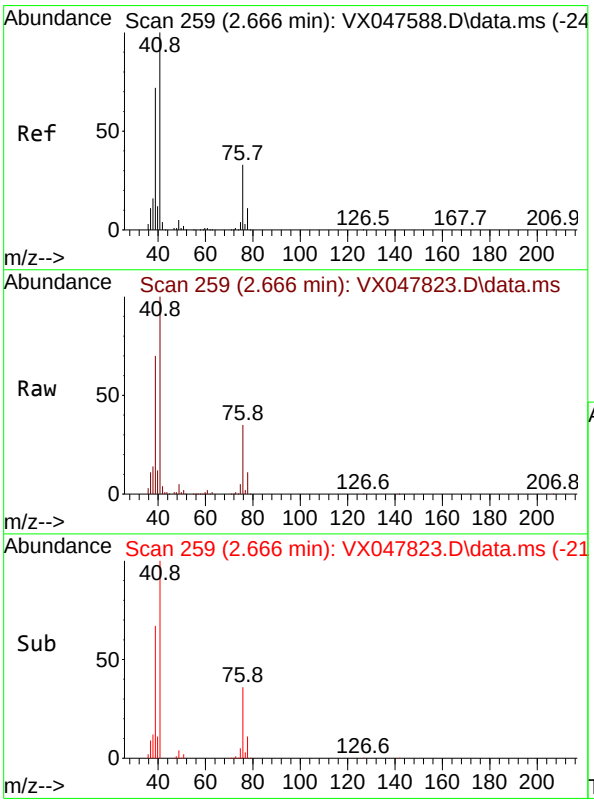
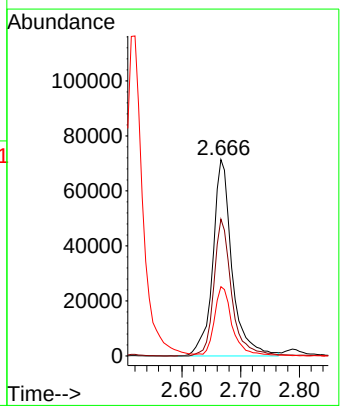


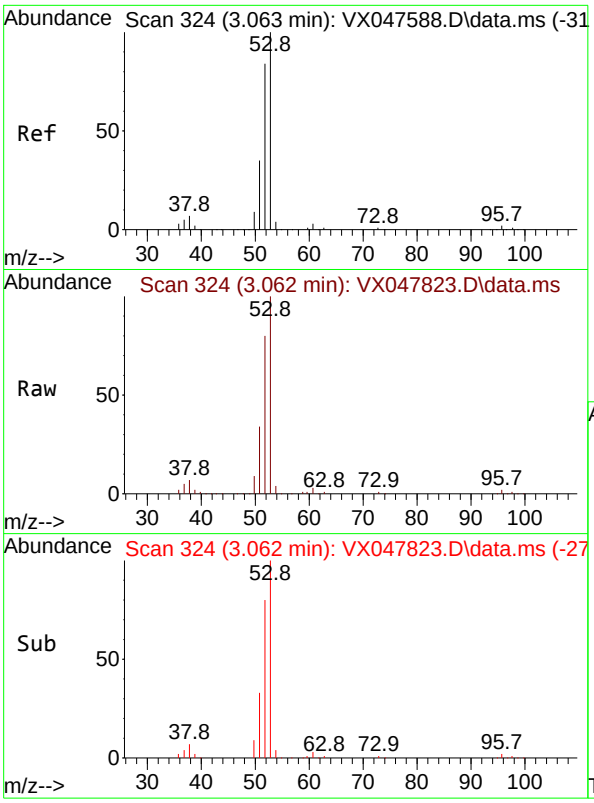


#14
Allyl chloride
Concen: 47.995 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 41 Resp: 162575

Ion	Ratio	Lower	Upper
41	100		
39	64.9	54.7	82.1
76	33.3	25.7	38.5





#15
Acrylonitrile
Concen: 290.682 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 53 Resp: 26371

Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.4	99.6
51	35.7	29.5	44.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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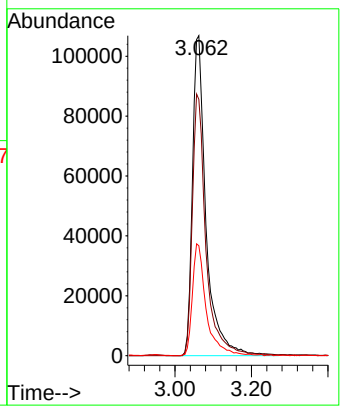
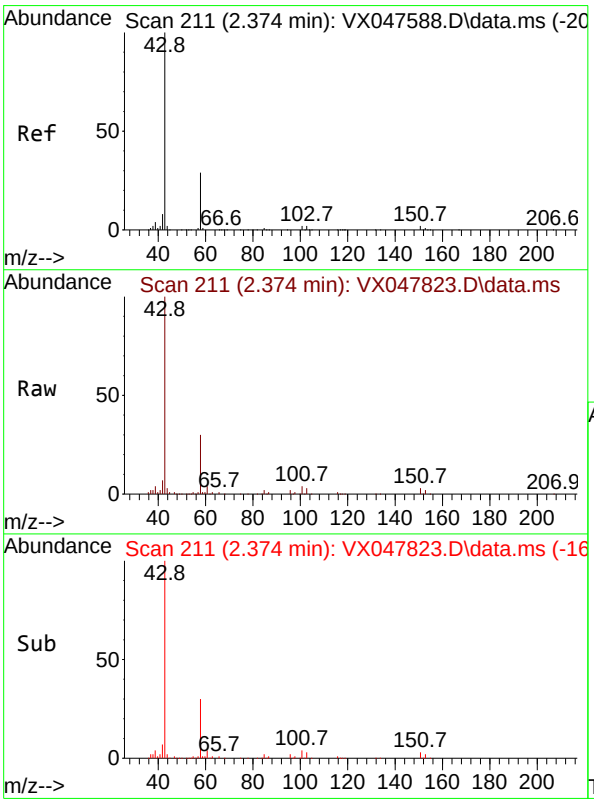
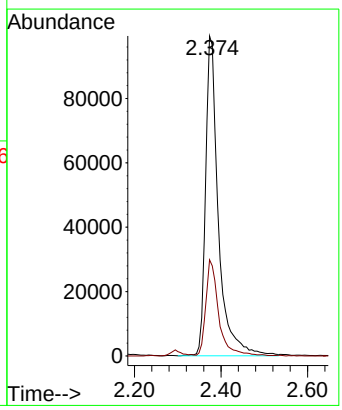


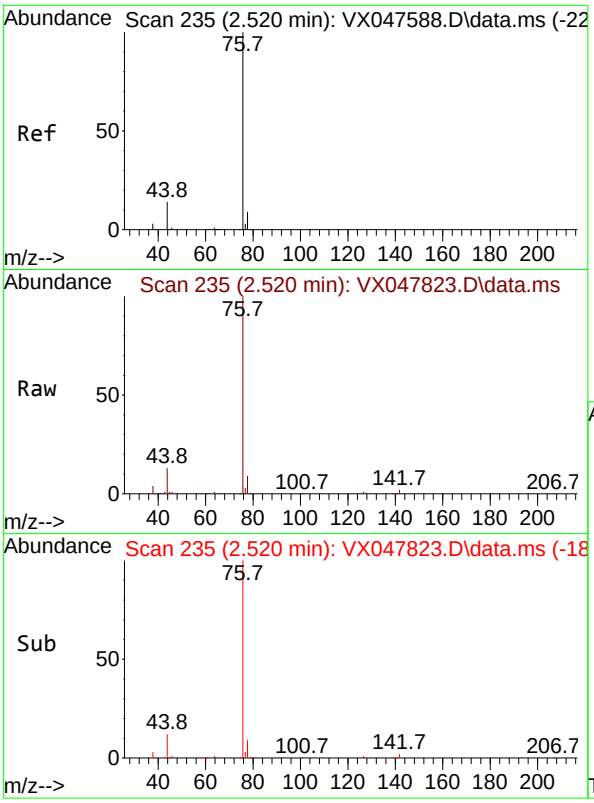


#16
Acetone
Concen: 213.041 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 203713

Ion	Ratio	Lower	Upper
43	100		
58	30.9	23.4	35.0





#17
Carbon Disulfide
Concen: 51.229 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 76 Resp: 23021

Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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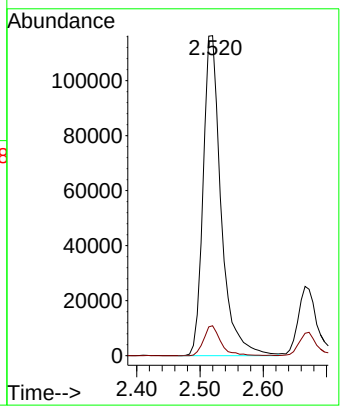
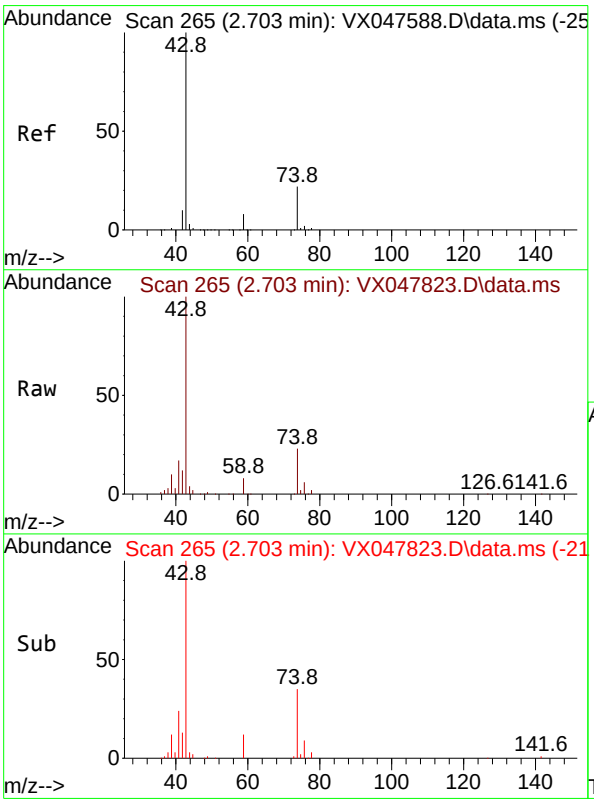
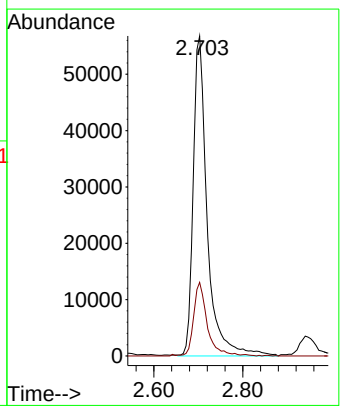


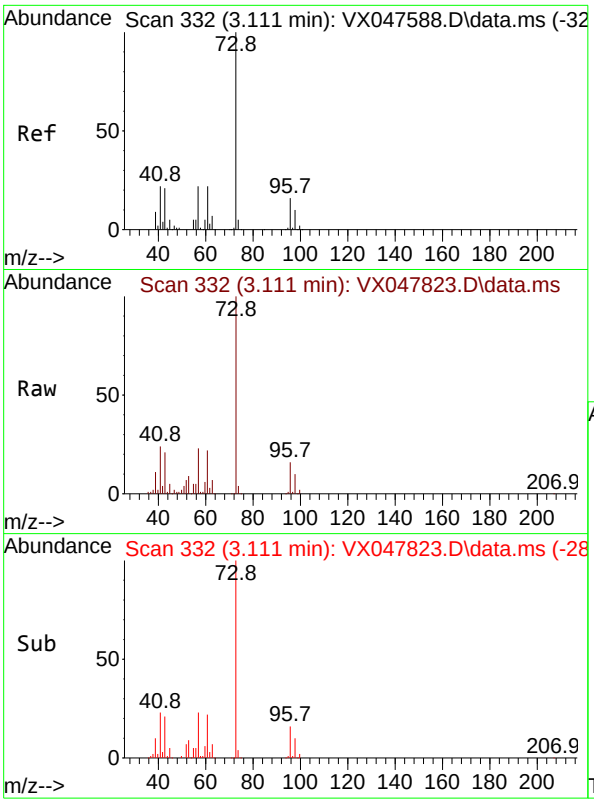


#18
Methyl Acetate
Concen: 58.207 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 123868

Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.4	26.2

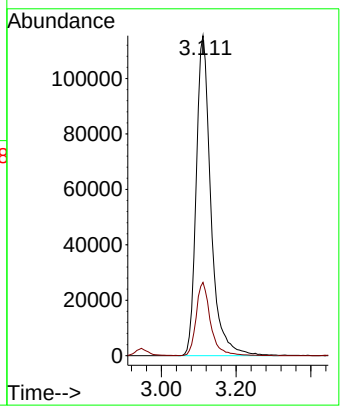




#19
Methyl tert-butyl Ether
Concen: 52.268 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 73 Resp: 31320

Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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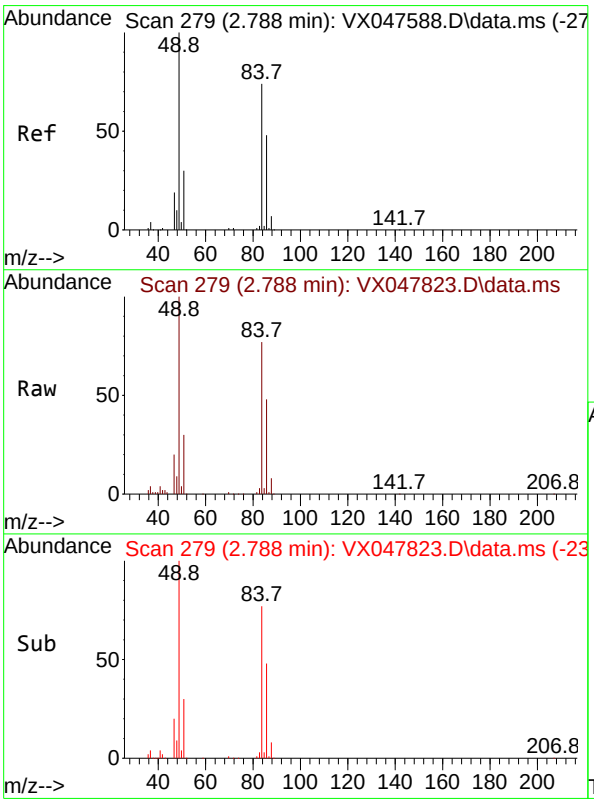
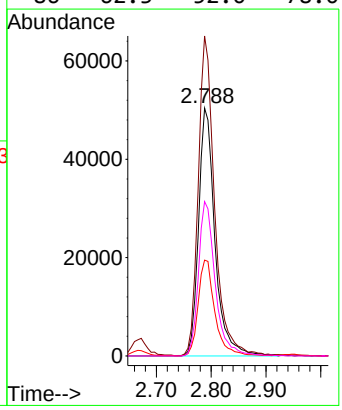
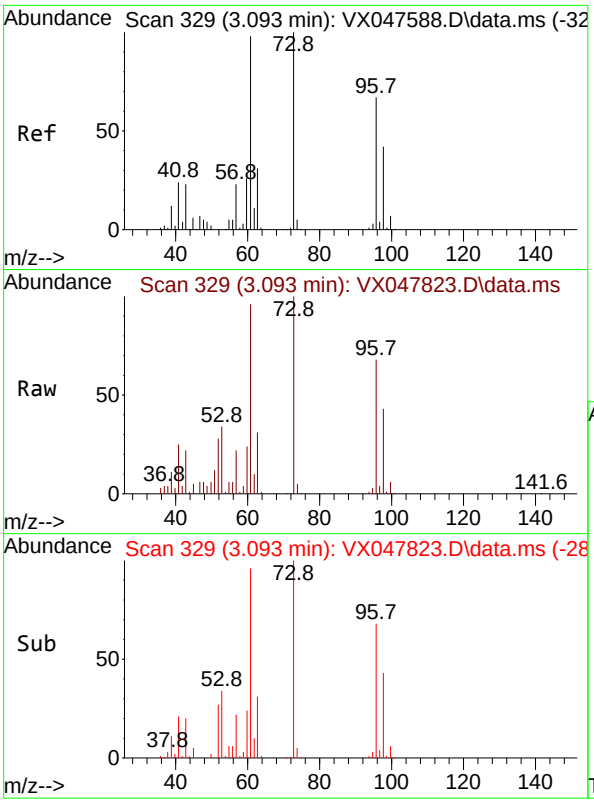


#20
Methylene Chloride
Concen: 51.882 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 84 Resp: 105012

Ion	Ratio	Lower	Upper
84	100		
49	128.9	108.6	162.8
51	38.7	32.6	48.8
86	62.3	52.0	78.0





#21
trans-1,2-Dichloroethene
Concen: 52.273 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 96 Resp: 9238

Ion	Ratio	Lower	Upper
96	100		
61	141.8	116.2	174.2
98	65.6	49.3	73.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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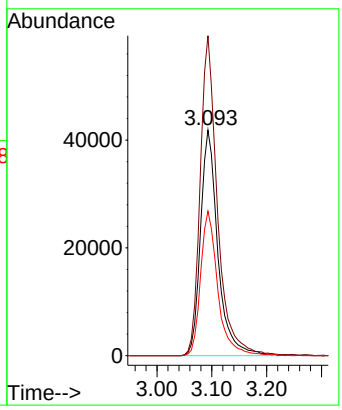
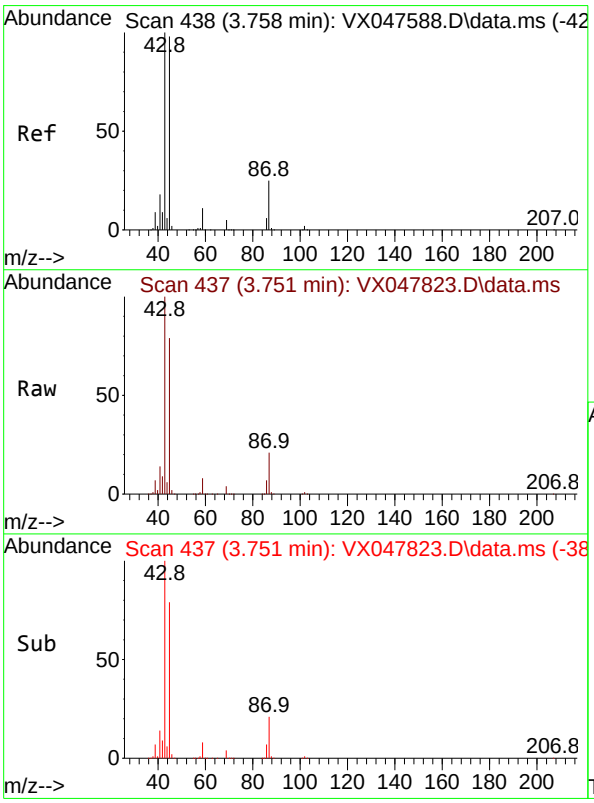
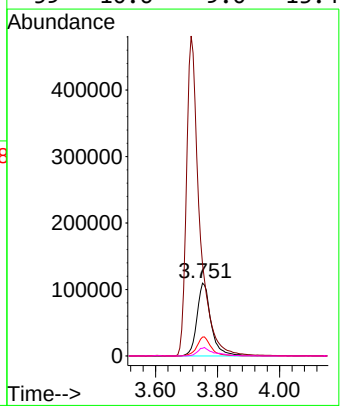


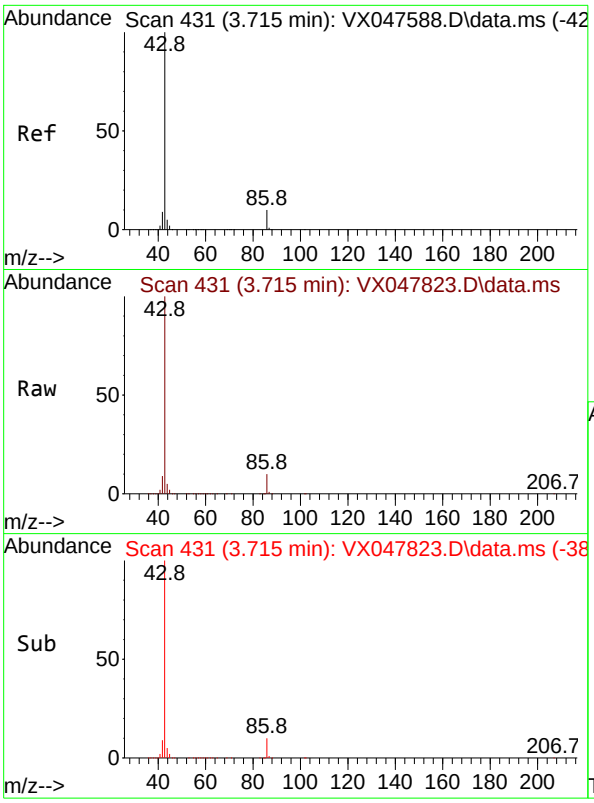


#22
Diisopropyl ether
Concen: 52.663 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 45 Resp: 345715

Ion	Ratio	Lower	Upper
45	100		
43	125.6	81.0	121.4#
87	26.0	20.3	30.5
59	10.6	9.0	13.4





#23
Vinyl Acetate
Concen: 269.815 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 141761

Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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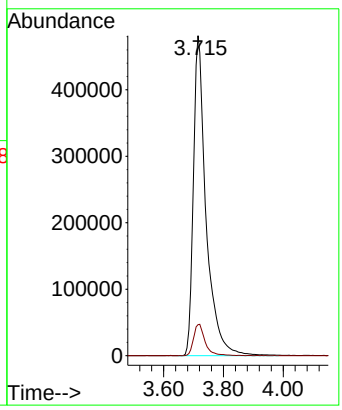
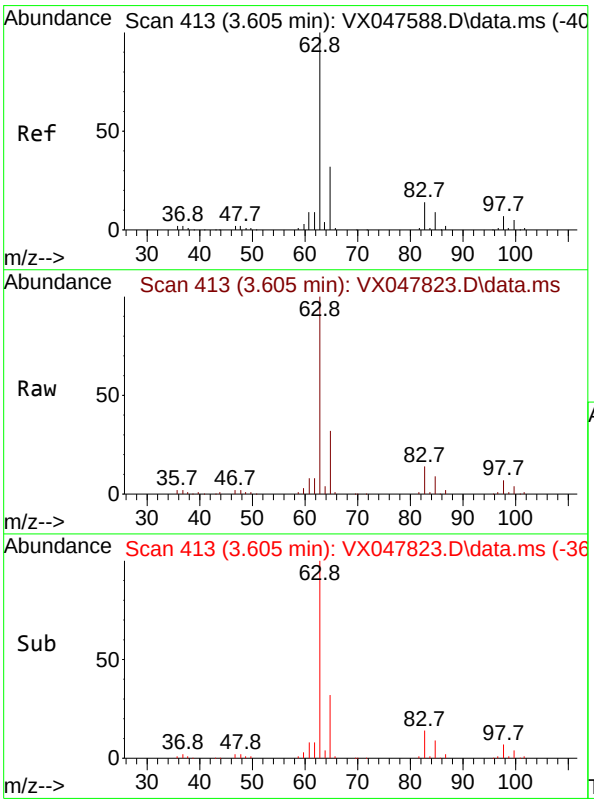
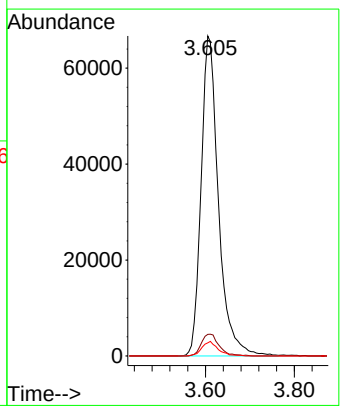


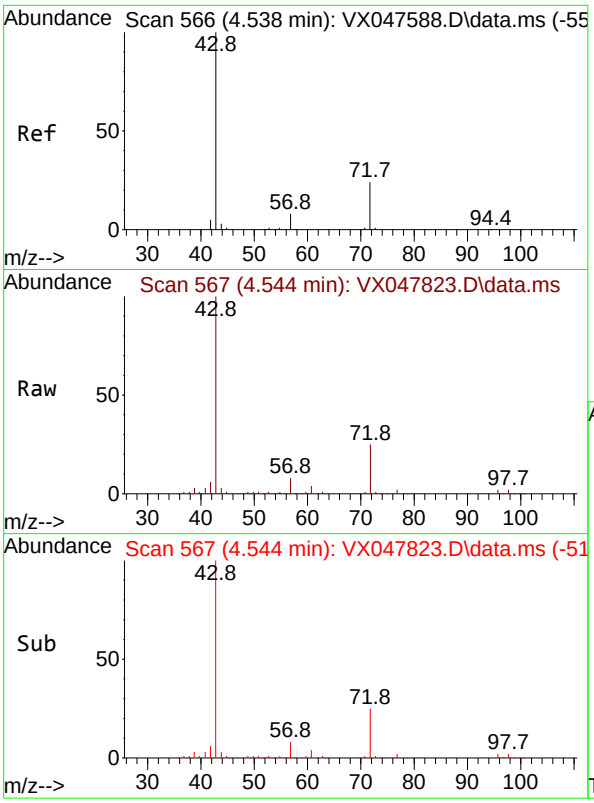


#24
1,1-Dichloroethane
Concen: 52.037 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 63 Resp: 181568

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.1	2.3	6.9

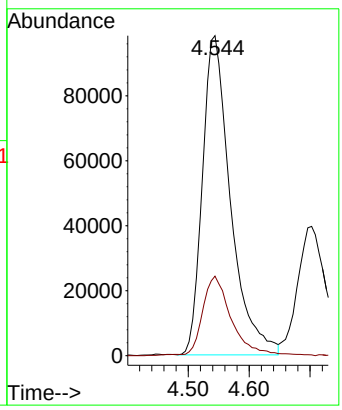




#25
2-Butanone
Concen: 264.723 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 31575

Ion	Ratio	Lower	Upper
43	100		
72	24.5	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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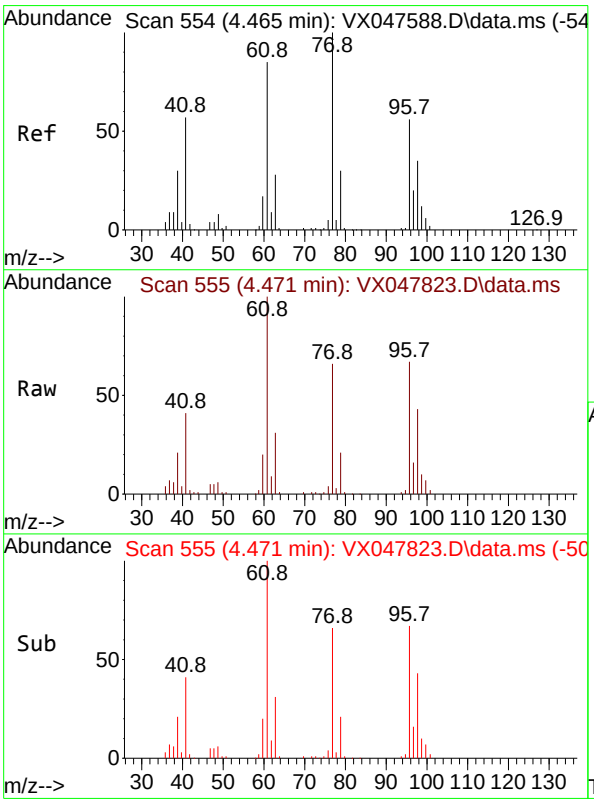
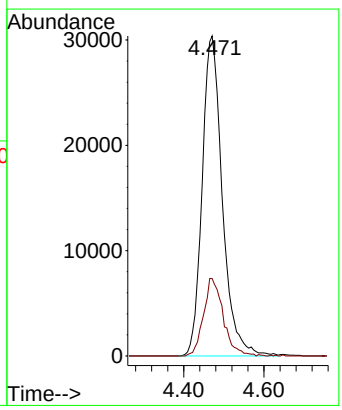
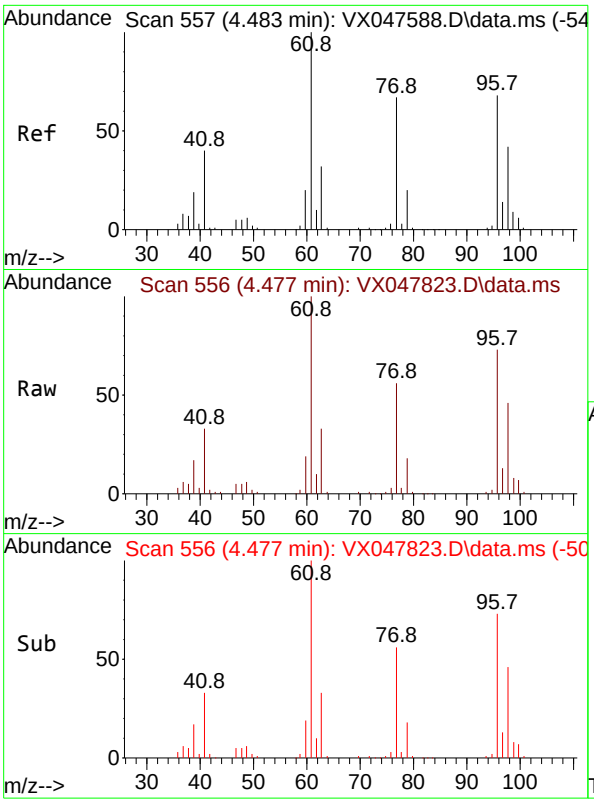


#26
2,2-Dichloropropane
Concen: 36.580 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 77 Resp: 106096

Ion	Ratio	Lower	Upper
77	100		
97	23.7	10.9	32.7





#27
cis-1,2-Dichloroethene
Concen: 52.554 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 96 Resp: 11374

Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	303.2
98	64.0	0.0	127.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 09/26/2025
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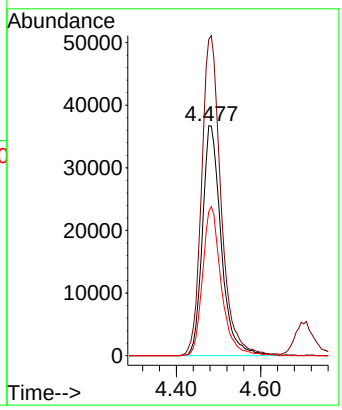
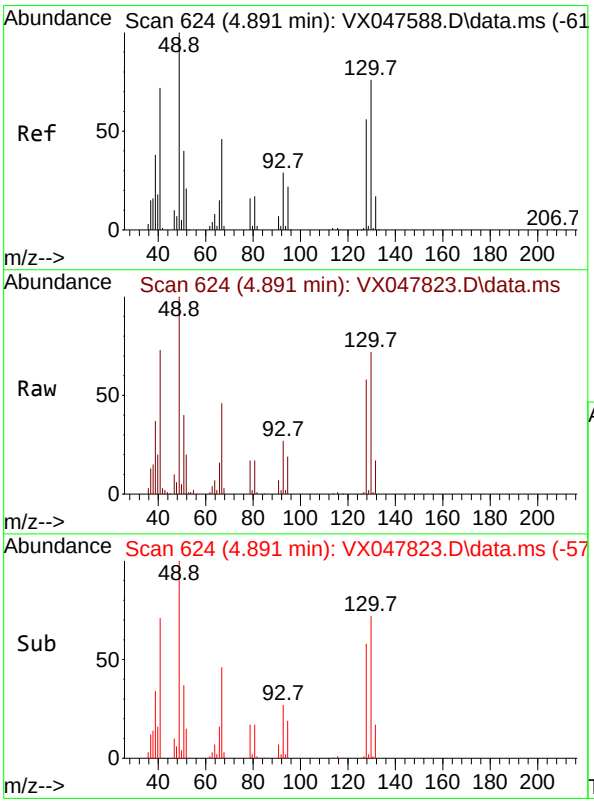
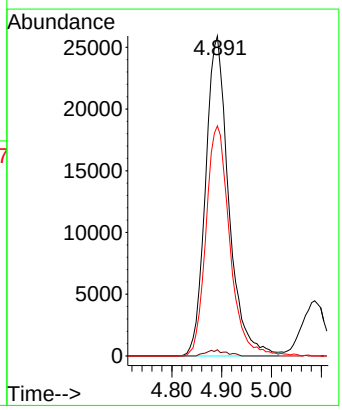


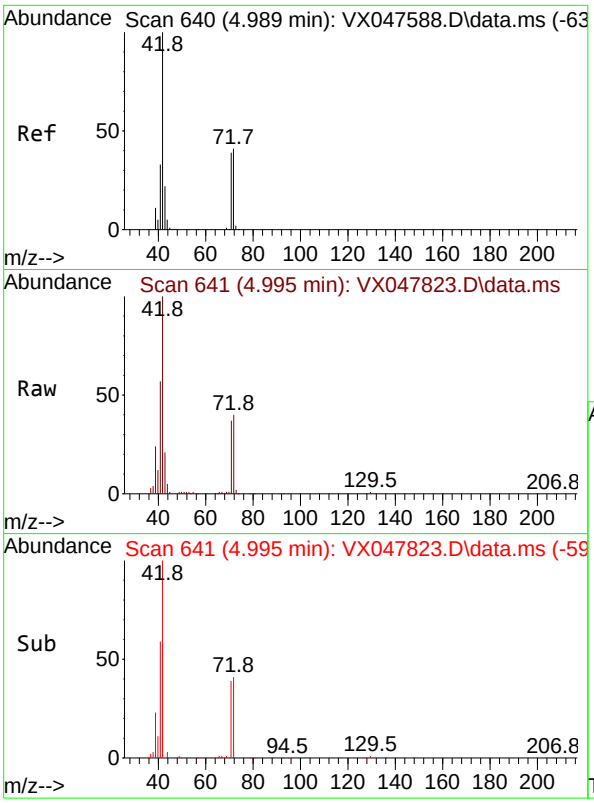


#28
Bromochloromethane
Concen: 54.859 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 49 Resp: 83565

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	73.6	57.8	86.8





#29
Tetrahydrofuran
Concen: 286.033 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 42 Resp: 20523

Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.2	51.2
71	39.5	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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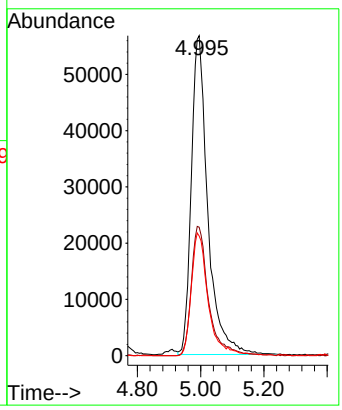
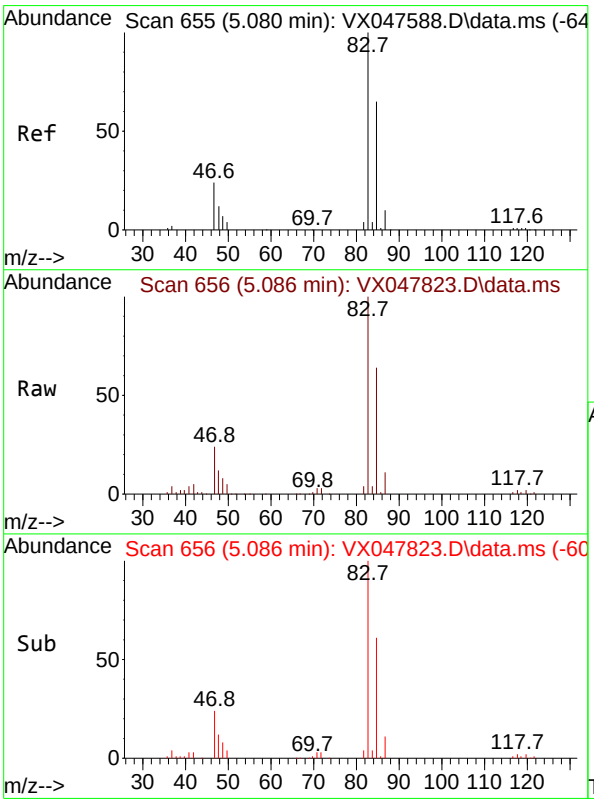
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

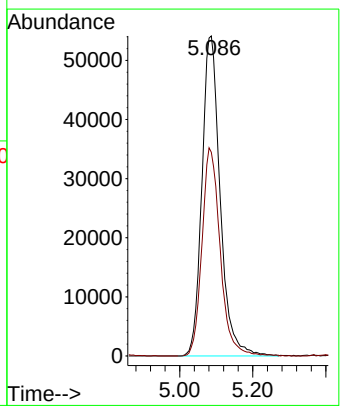


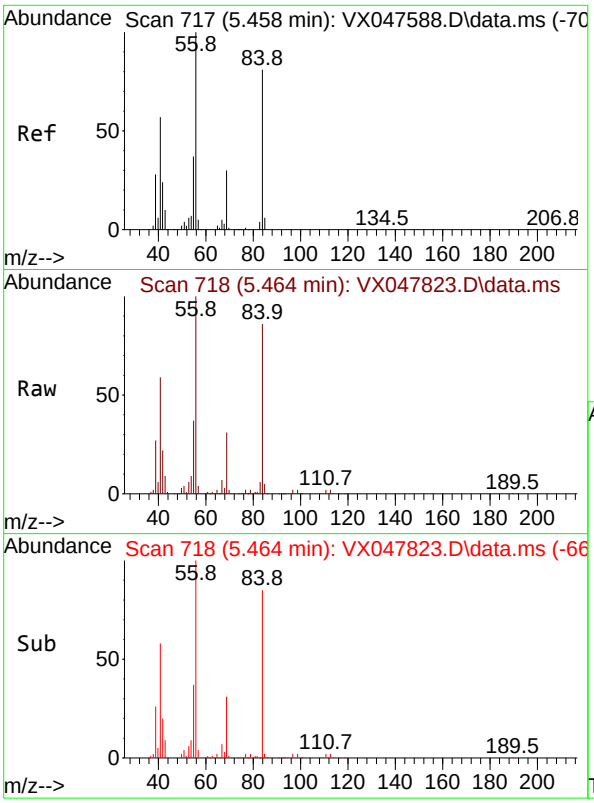


#30
Chloroform
Concen: 53.091 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 83 Resp: 187196

Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.6

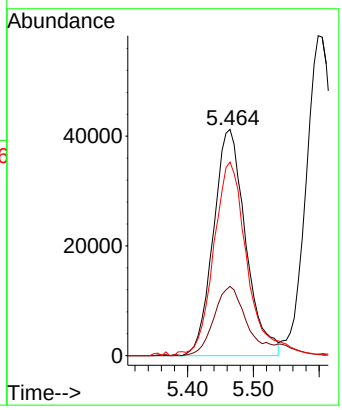




#31
Cyclohexane
Concen: 48.357 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 56 Resp: 14052

Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.8	35.8
84	84.0	64.6	97.0



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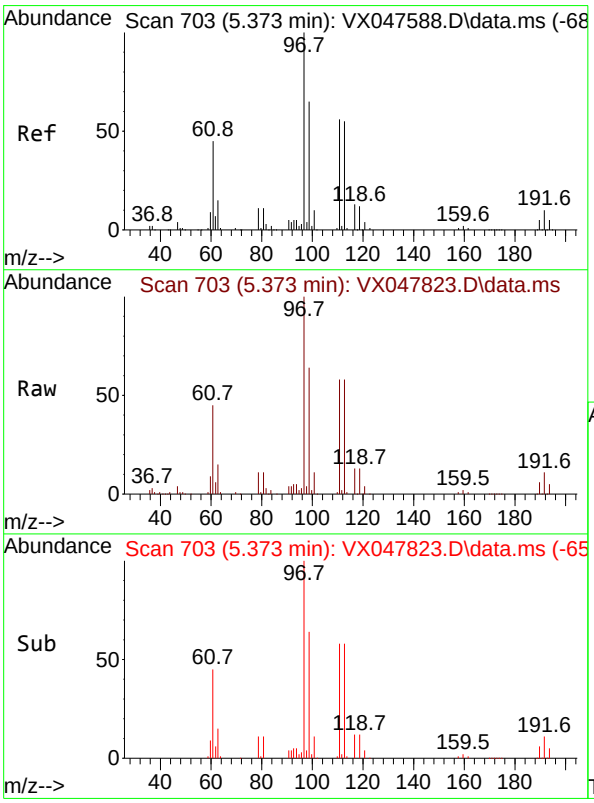
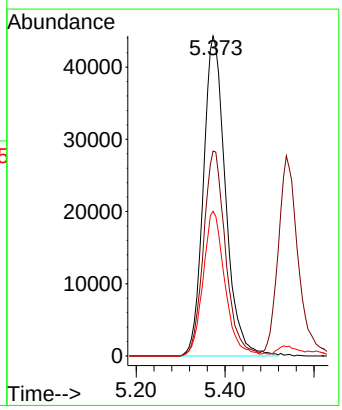
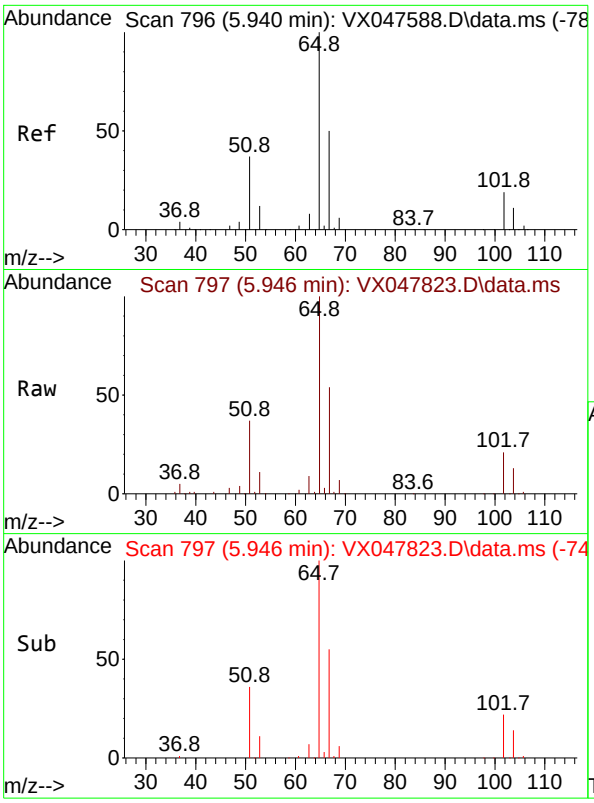


#32
1,1,1-Trichloroethane
Concen: 51.302 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 97 Resp: 153431

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	76.0
61	44.6	35.8	53.8

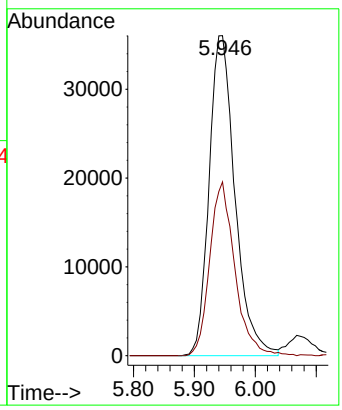




#33
1,2-Dichloroethane-d4
Concen: 48.331 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 65 Resp: 10628

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.0



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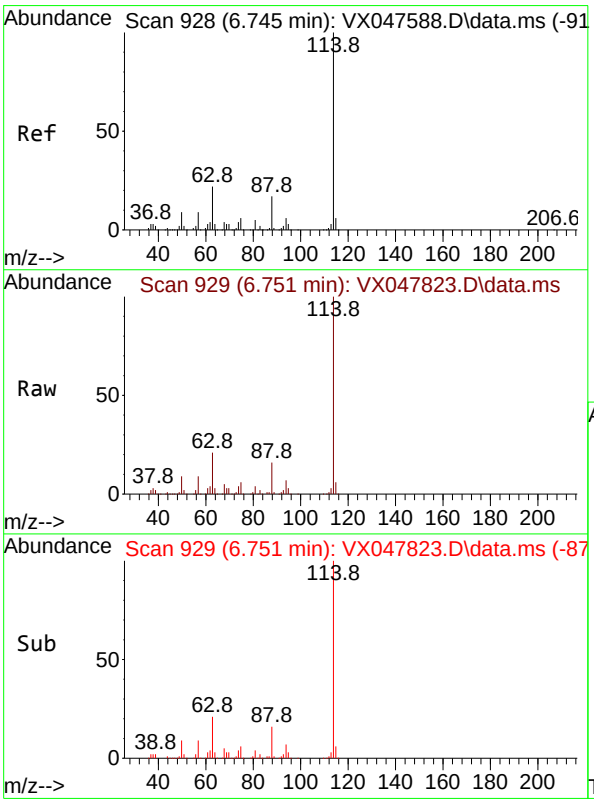
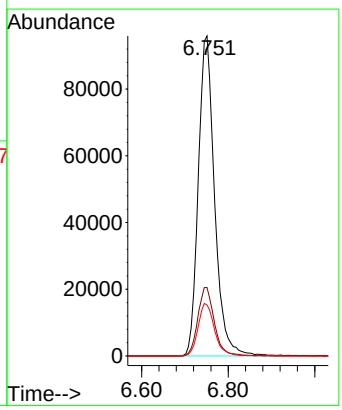
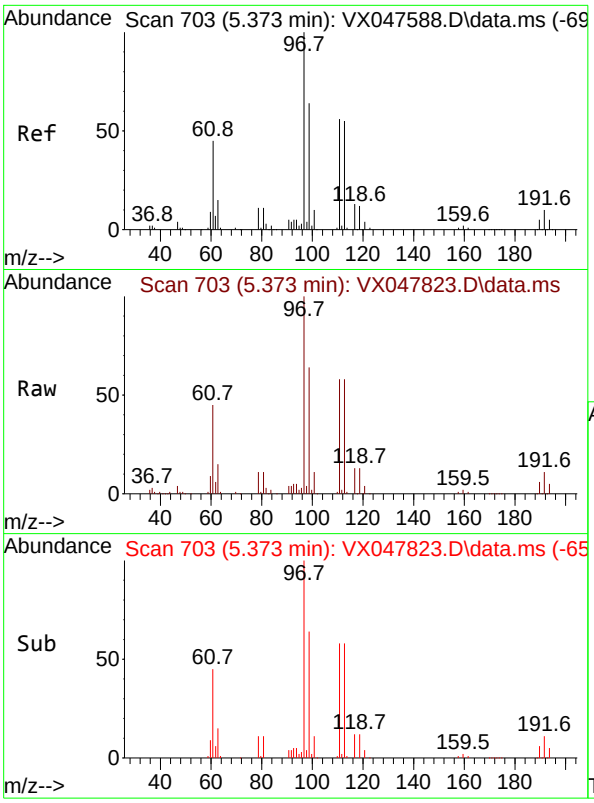


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:114 Resp: 250600

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.0
88	16.0	0.0	34.2

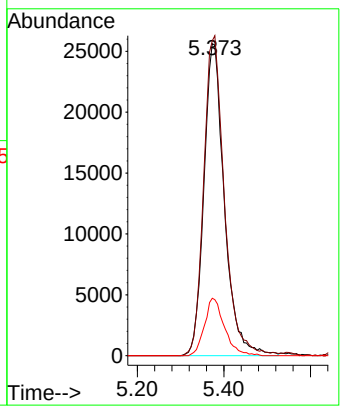




#35
Dibromofluoromethane
Concen: 50.006 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:113 Resp: 8404

Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.9	121.3
192	18.0	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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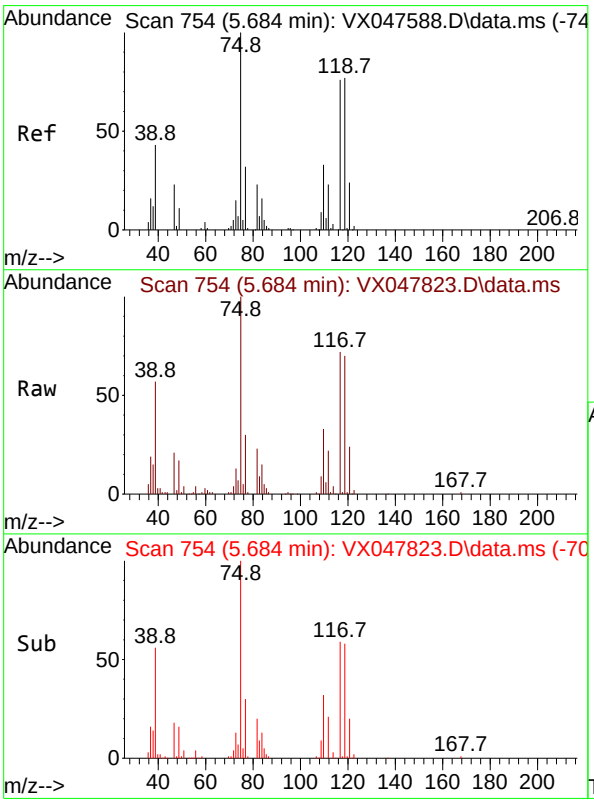
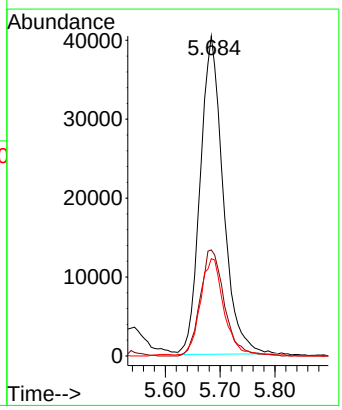
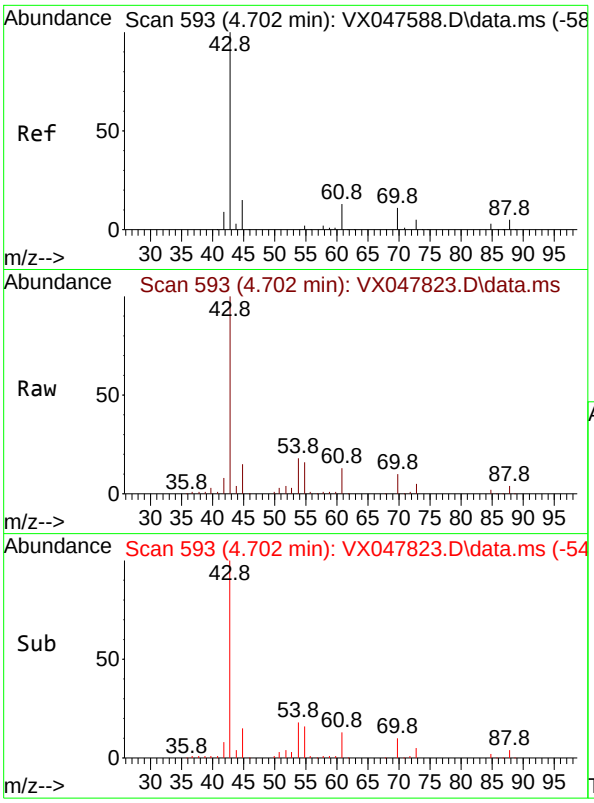


#36
1,1-Dichloropropene
Concen: 47.622 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 116951

Ion	Ratio	Lower	Upper
75	100		
110	35.3	16.7	50.1
77	31.3	24.3	36.5

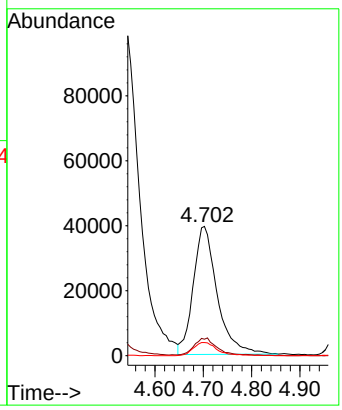




#37
Ethyl Acetate
Concen: 51.520 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 13547

Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.8	14.8
70	10.3	7.9	11.9



Instrument :
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ClientSampleId :
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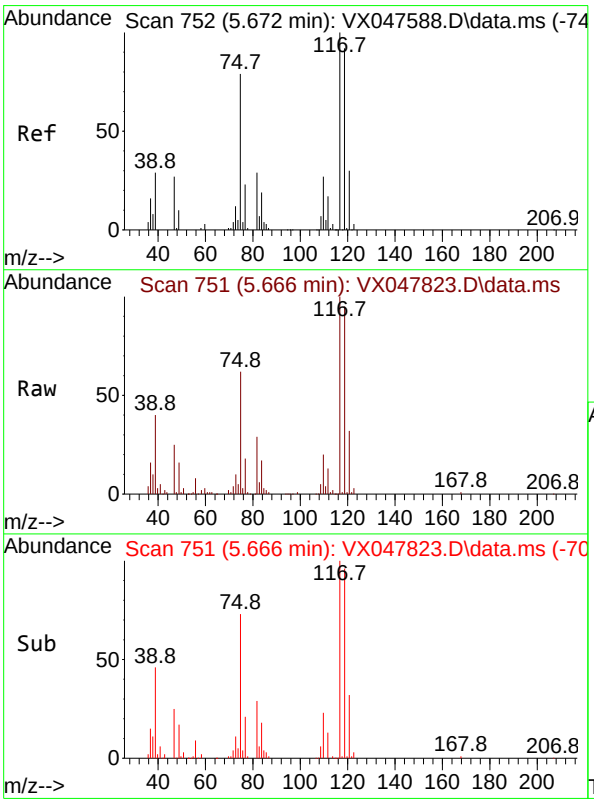
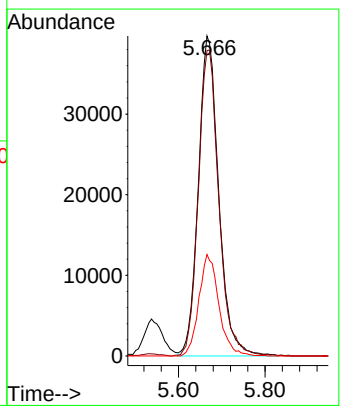
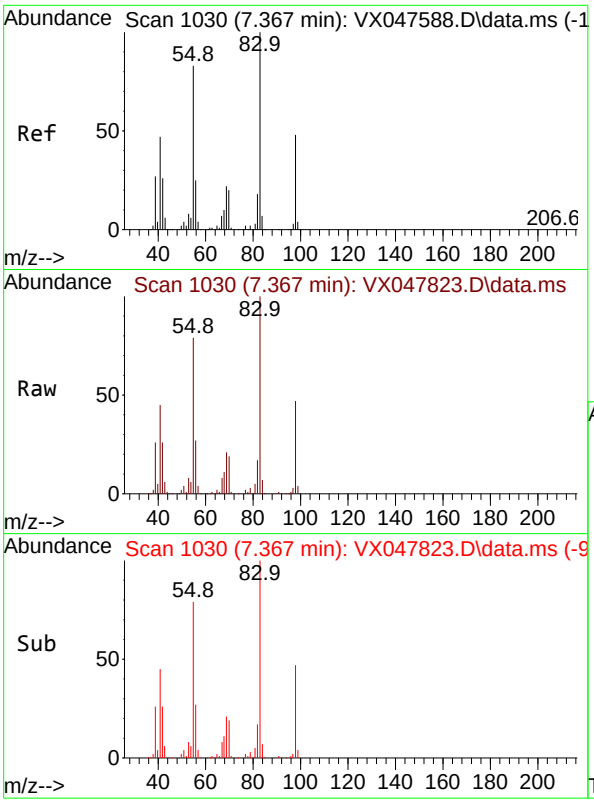


#38
Carbon Tetrachloride
Concen: 48.736 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:117 Resp: 130043

Ion	Ratio	Lower	Upper
117	100		
119	95.3	73.4	110.2
121	31.7	23.8	35.6





#39
Methylcyclohexane
Concen: 47.385 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 83 Resp: 13209

Ion	Ratio	Lower	Upper
83	100		
55	79.3	66.4	99.6
98	47.5	38.1	57.1

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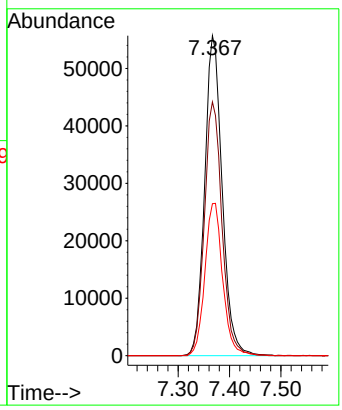
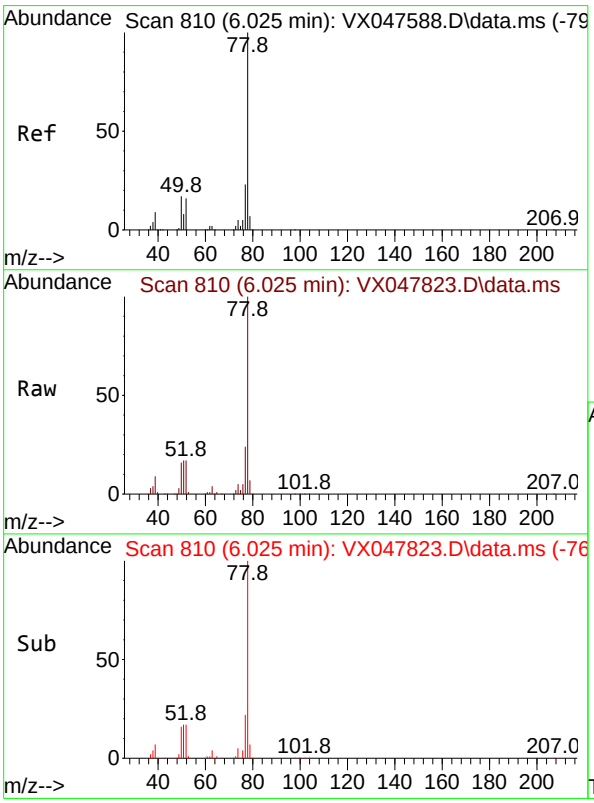
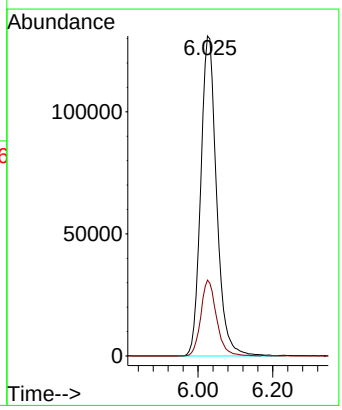


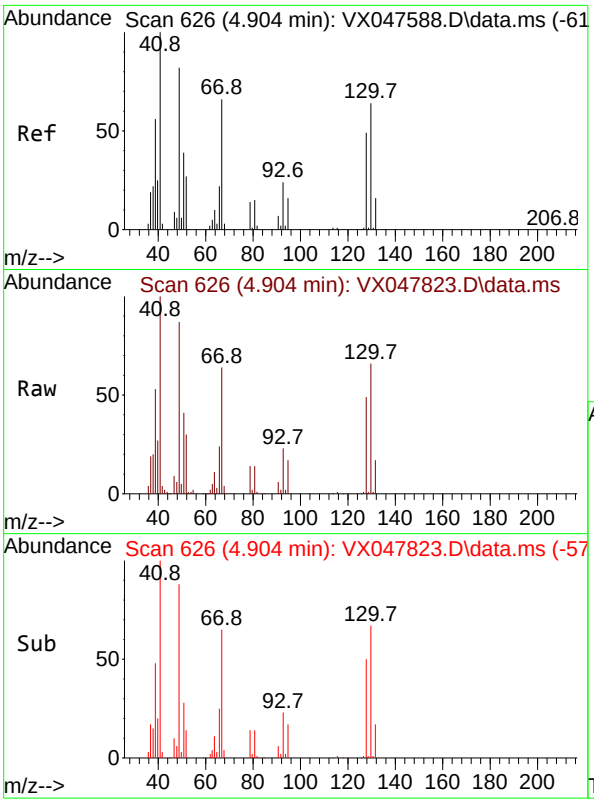


#40
Benzene
Concen: 51.647 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 78 Resp: 385239

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2

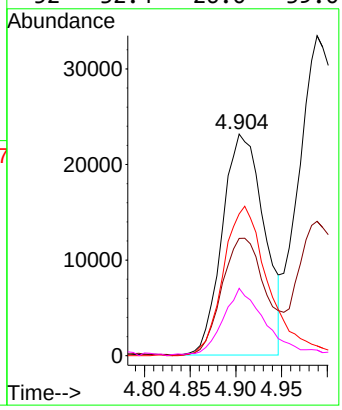




#41
Methacrylonitrile
Concen: 54.368 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 41 Resp: 7380

Ion	Ratio	Lower	Upper
41	100		
39	56.7	43.3	64.9
67	74.7	58.6	87.8
52	32.4	26.0	39.0



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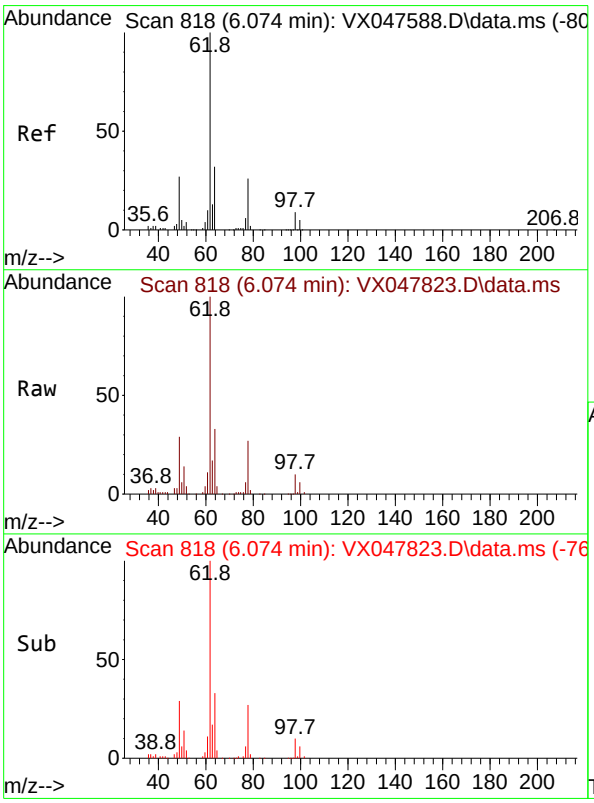
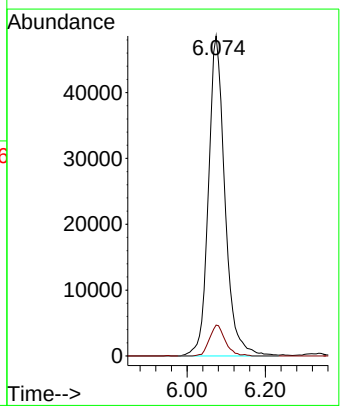
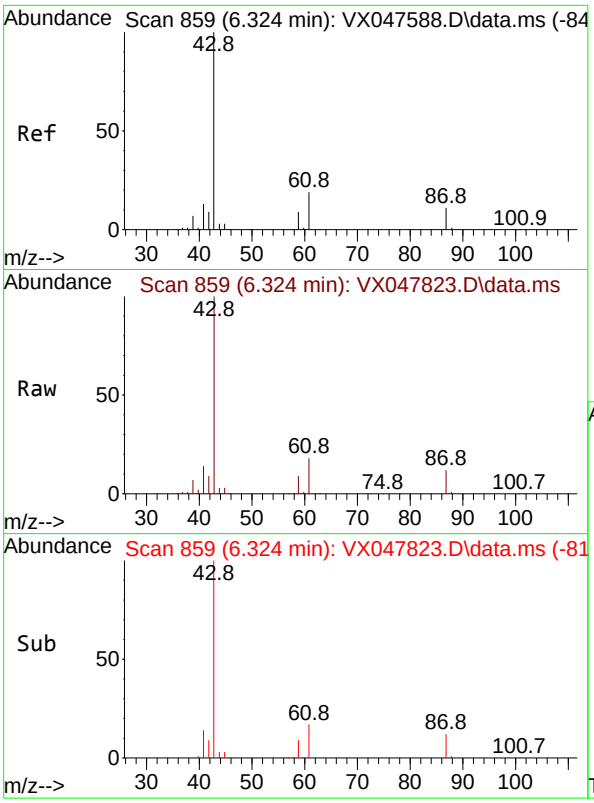


#42
1,2-Dichloroethane
Concen: 50.000 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 62 Resp: 141902

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.0

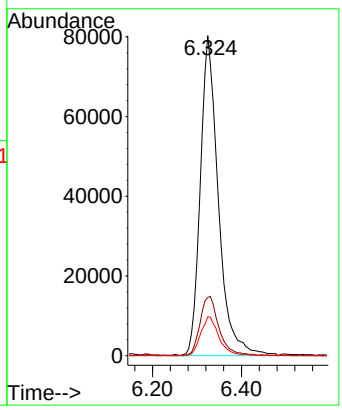




#43
Isopropyl Acetate
Concen: 52.636 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 22699

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.2	22.8
87	12.3	9.6	14.4



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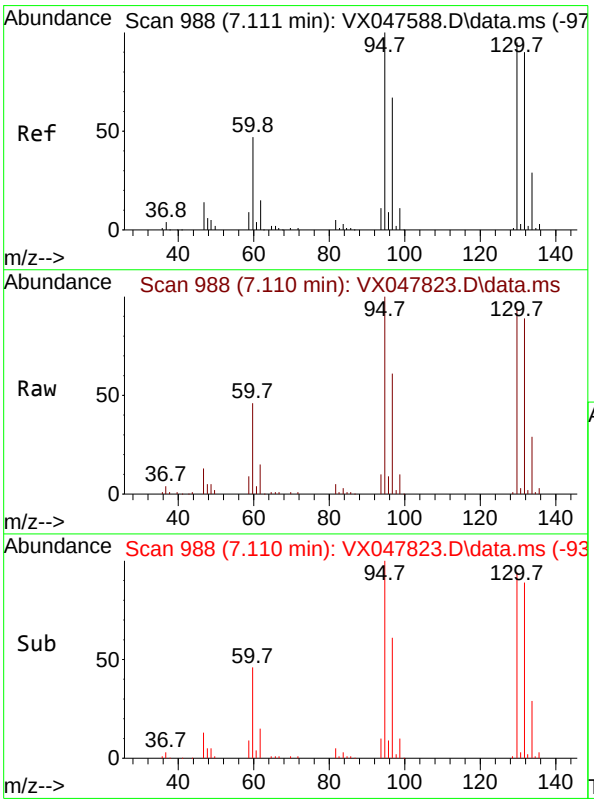
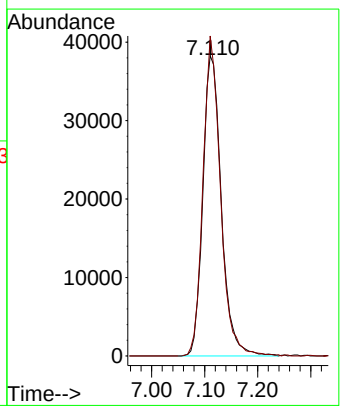
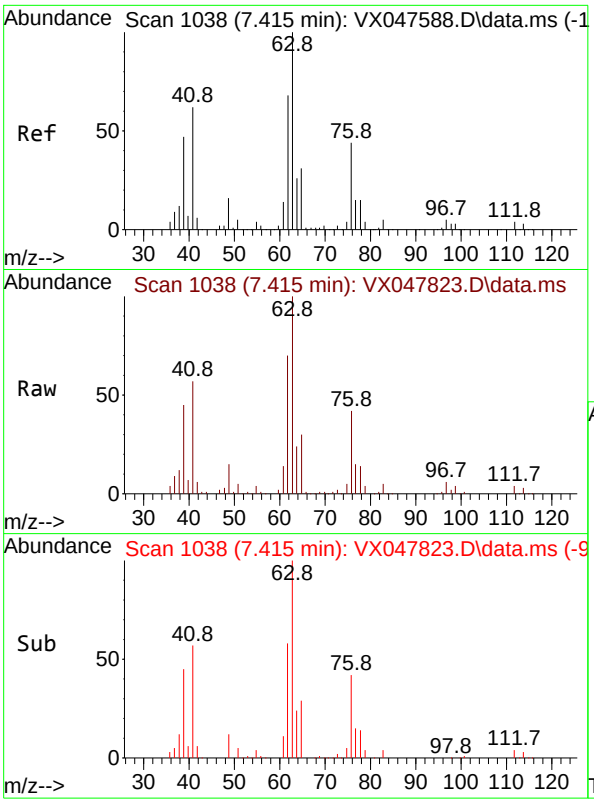


#44
Trichloroethene
Concen: 51.375 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:130 Resp: 92646

Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	210.8





#45
1,2-Dichloropropane
Concen: 52.856 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 63 Resp: 10095

Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.7	37.1

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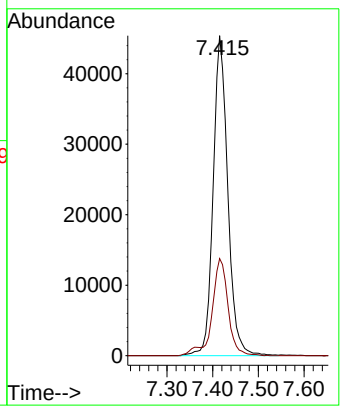
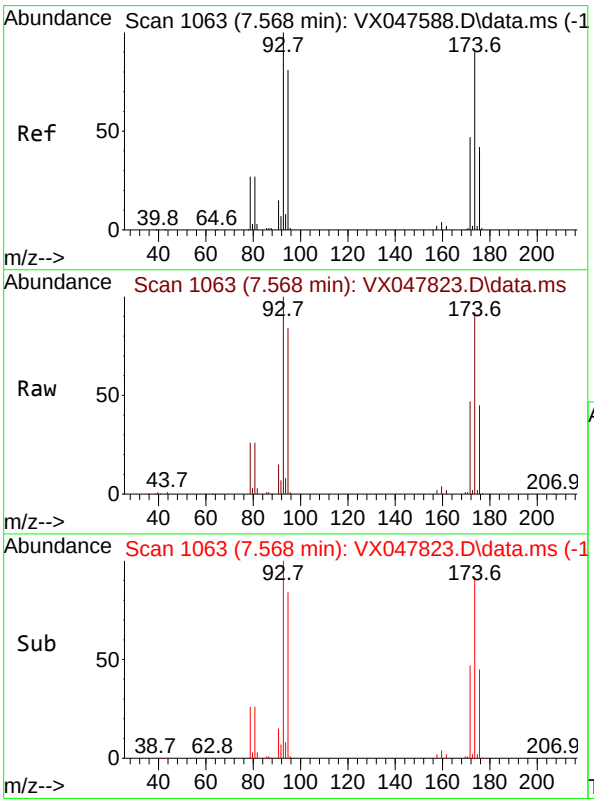
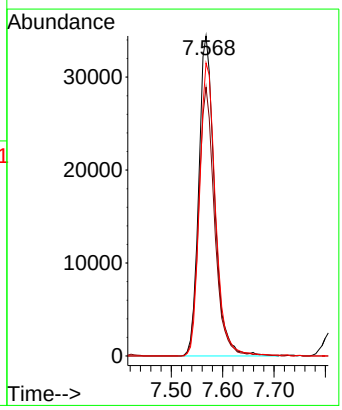


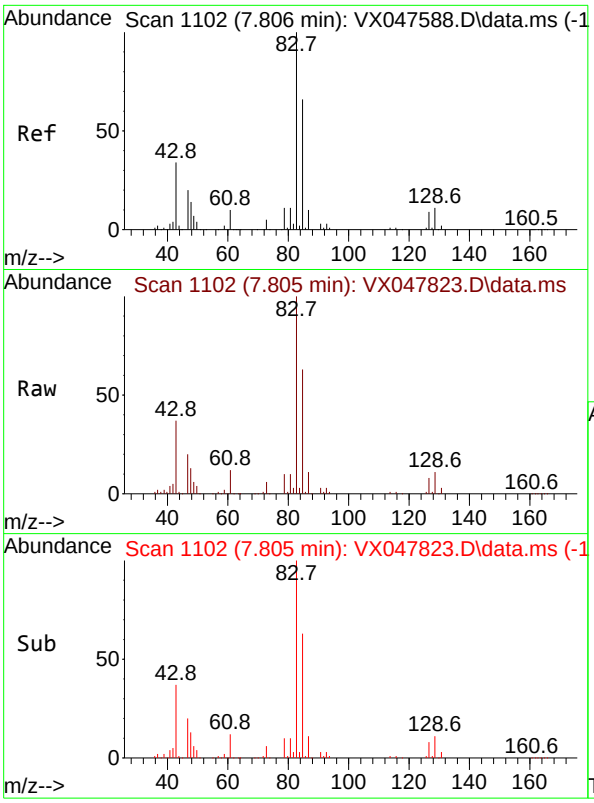


#46
Dibromomethane
Concen: 52.781 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 93 Resp: 73360

Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.0	97.6
174	92.9	71.6	107.4

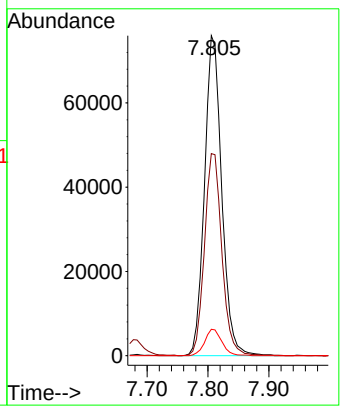




#47
Bromodichloromethane
Concen: 52.127 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 83 Resp: 14950

Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.5	78.7
127	8.3	6.9	10.3



Instrument :
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ClientSampleId :
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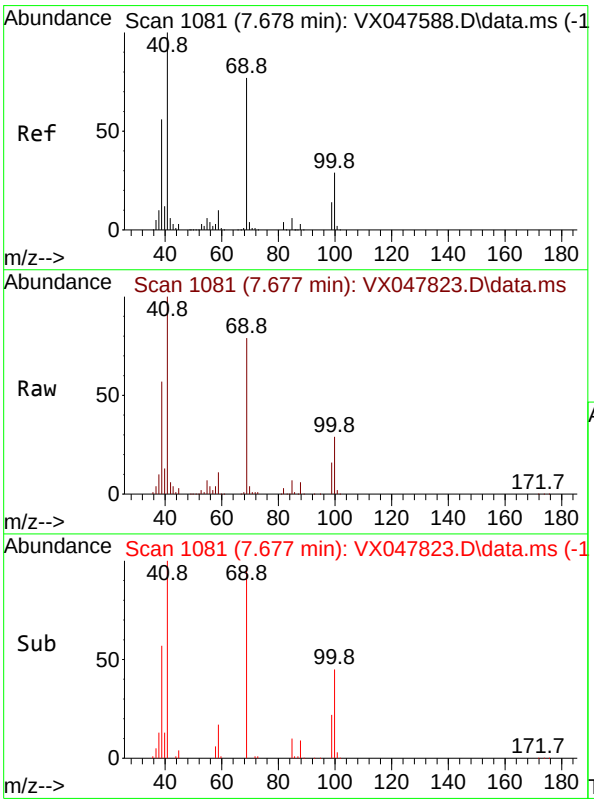
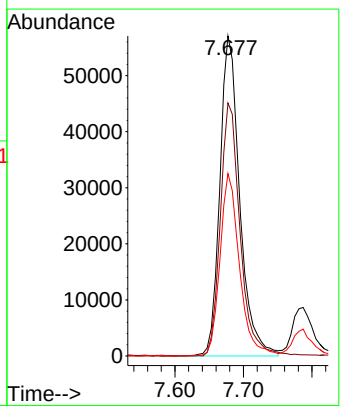
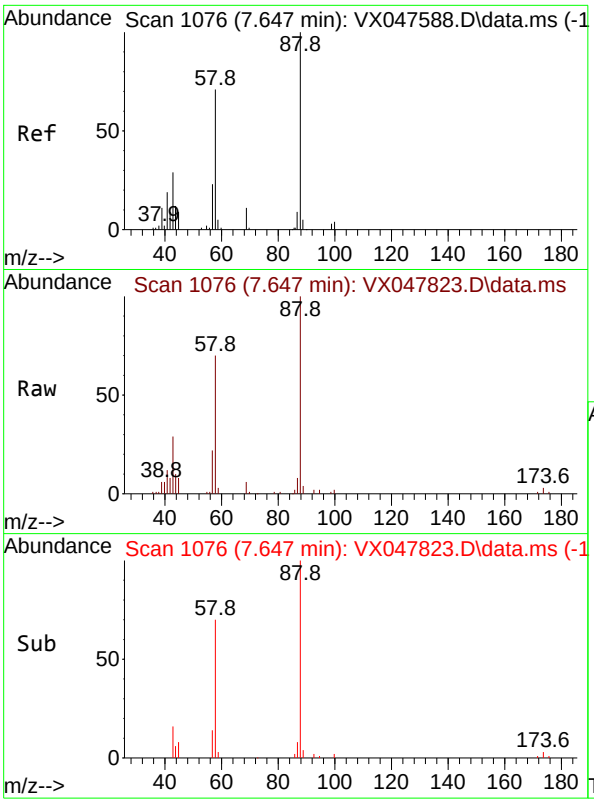


#48
Methyl methacrylate
Concen: 53.443 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 41 Resp: 114802

Ion	Ratio	Lower	Upper
41	100		
69	78.9	61.4	92.2
39	55.7	45.8	68.6





#49
1,4-Dioxane
Concen: 1317.923 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

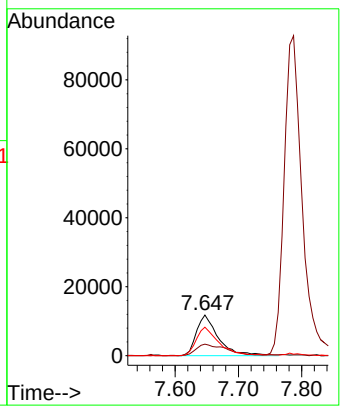
Tgt Ion: 88 Resp: 2861

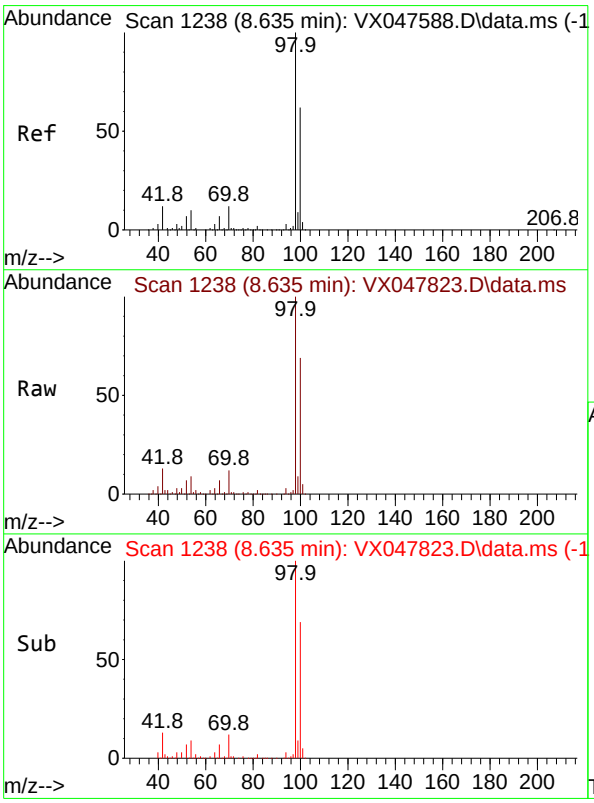
Ion	Ratio	Lower	Upper
88	100		
43	39.0	30.2	45.2
58	72.3	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

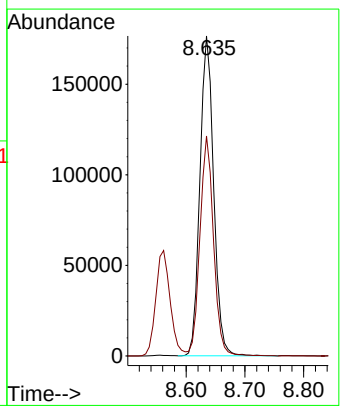


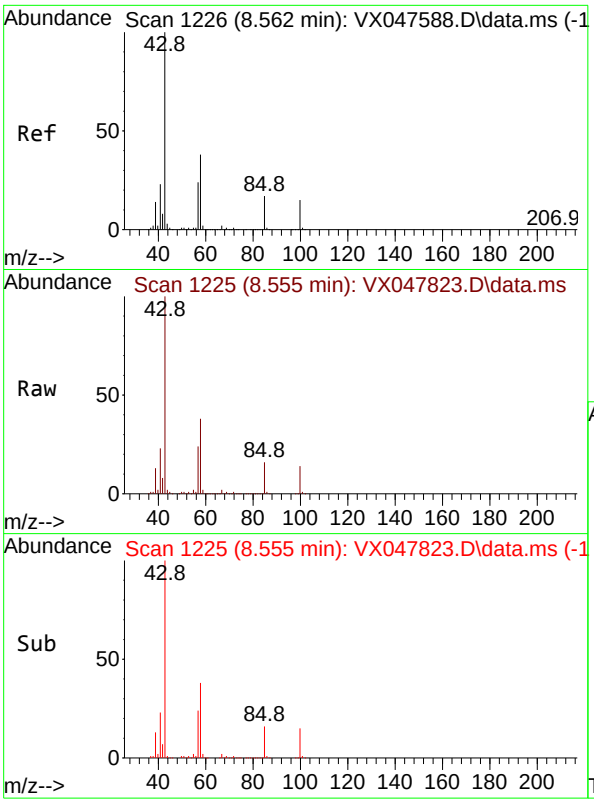


#50
Toluene-d8
Concen: 49.227 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 98 Resp: 286276

Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.0	79.4

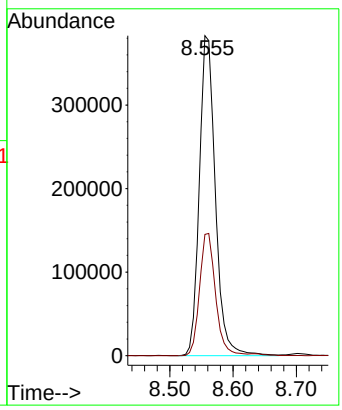




#51
4-Methyl-2-Pentanone
Concen: 283.290 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 67736

Ion	Ratio	Lower	Upper
43	100		
58	38.1	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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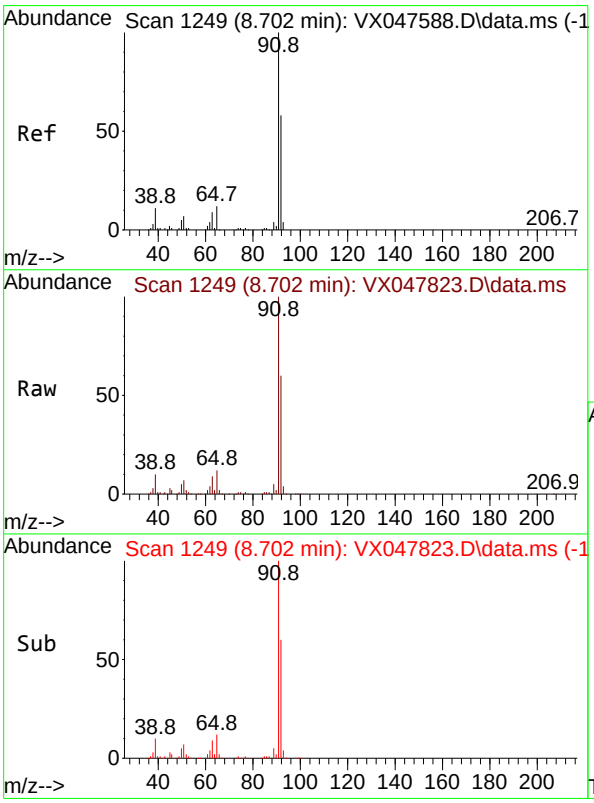
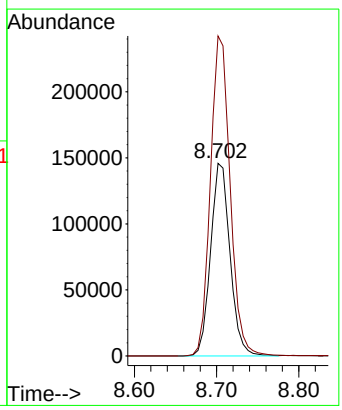
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

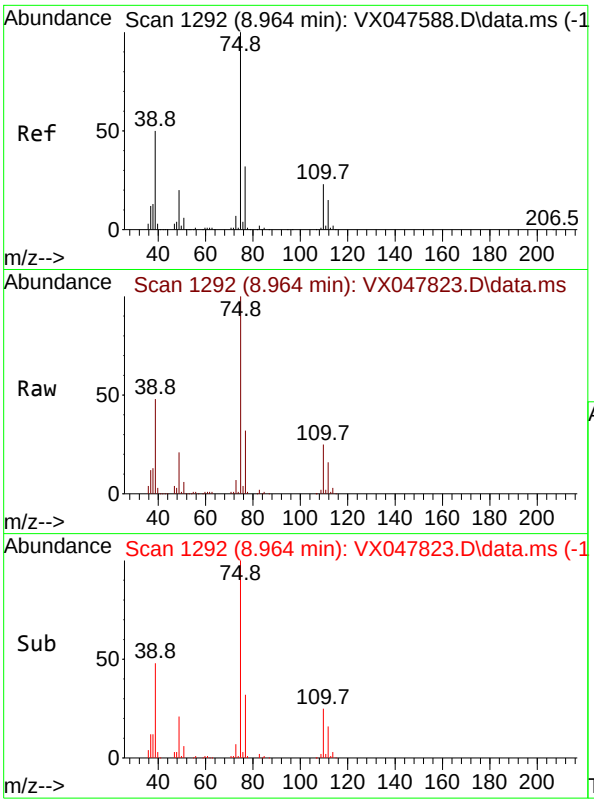


#52
Toluene
Concen: 52.084 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 92 Resp: 239352

Ion	Ratio	Lower	Upper
92	100		
91	168.4	137.1	205.7

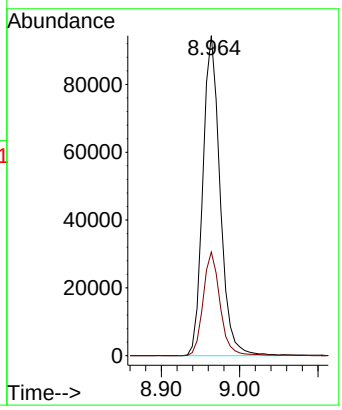




#53
t-1,3-Dichloropropene
Concen: 49.172 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 14385

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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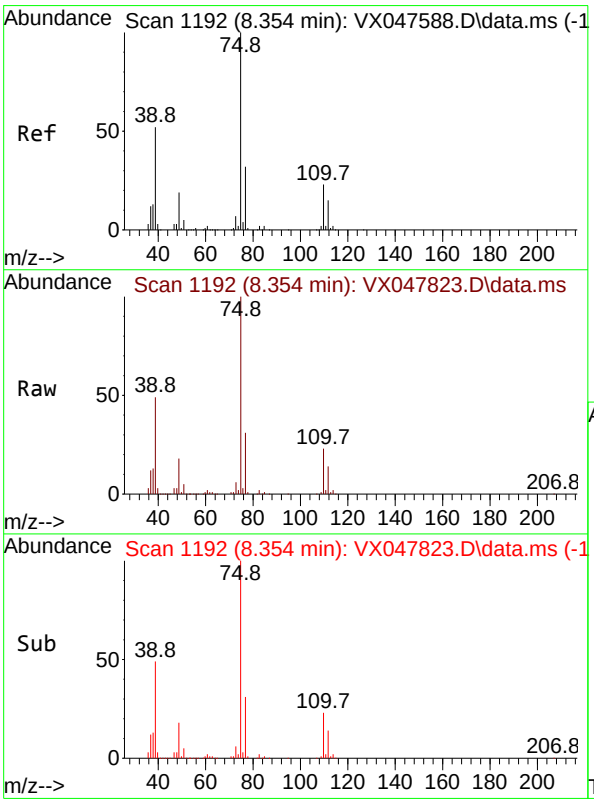
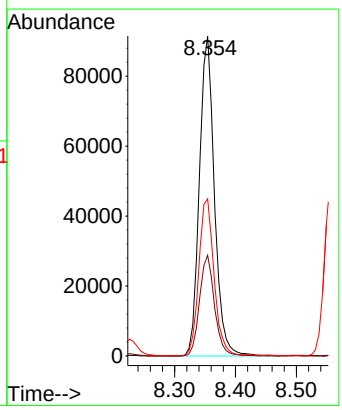
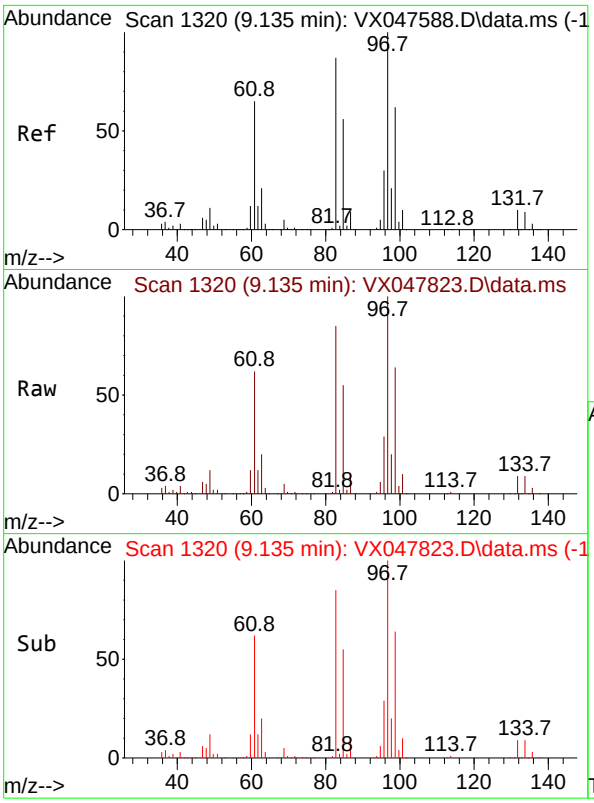


#54
cis-1,3-Dichloropropene
Concen: 50.226 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 157052

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6
39	49.0	41.4	62.2

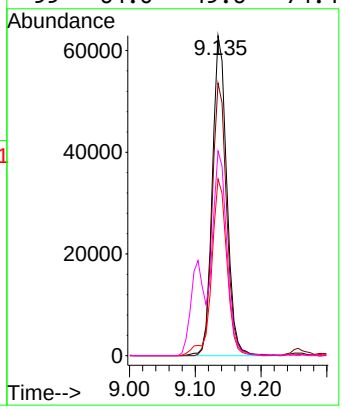




#55
1,1,2-Trichloroethane
Concen: 54.391 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 97 Resp: 9638

Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.6	104.4
85	55.2	45.0	67.6
99	64.0	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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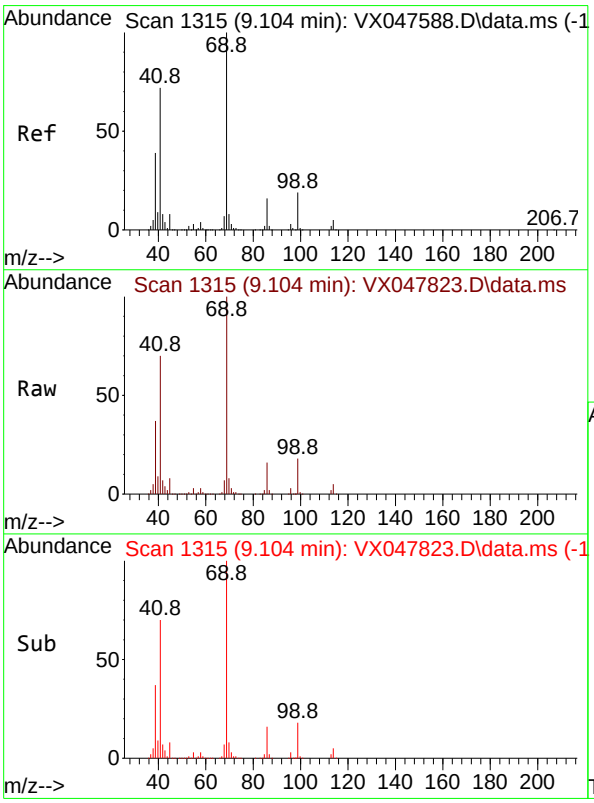
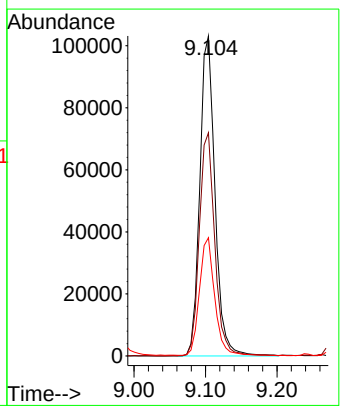
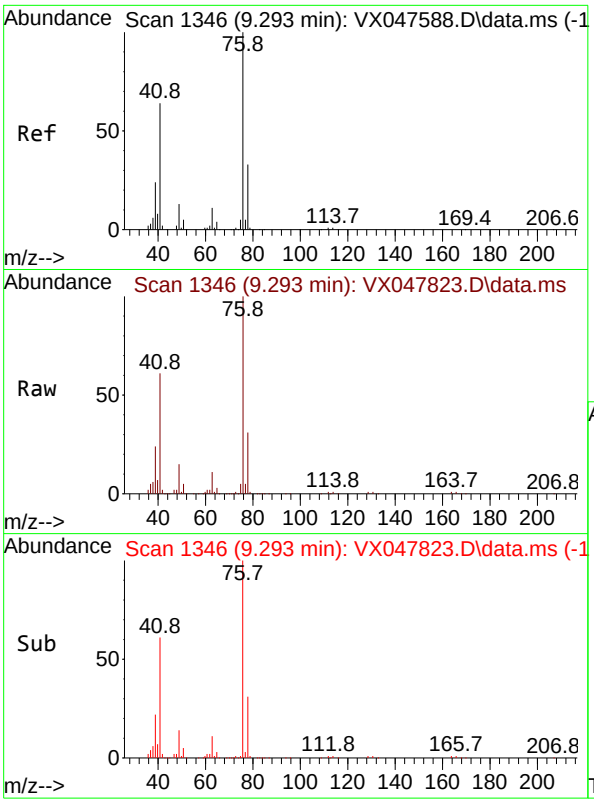


#56
Ethyl methacrylate
Concen: 54.571 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 69 Resp: 151863

Ion	Ratio	Lower	Upper
69	100		
41	71.4	58.6	87.8
39	37.3	31.5	47.3





#57
1,3-Dichloropropane
Concen: 54.630 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 76 Resp: 16629

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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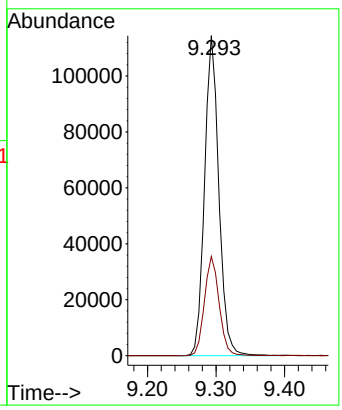
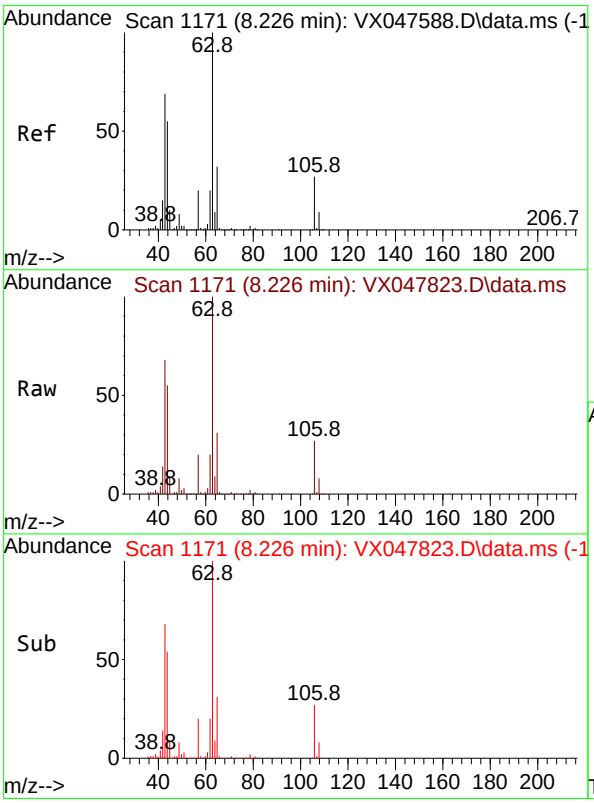
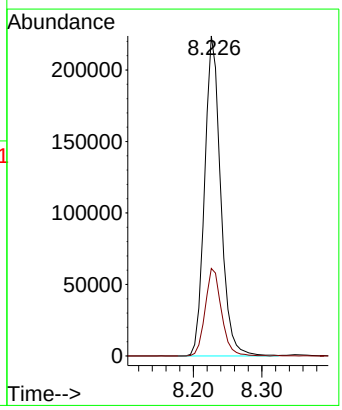


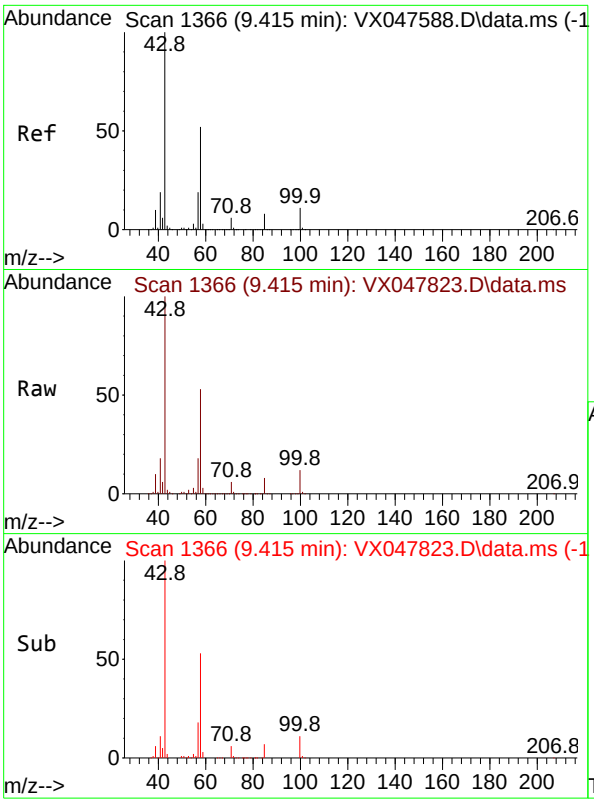


#58
2-Chloroethyl Vinyl ether
Concen: 273.260 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 63 Resp: 365599

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9





#59
2-Hexanone
Concen: 275.126 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 47246

Ion	Ratio	Lower	Upper
43	100		
58	53.1	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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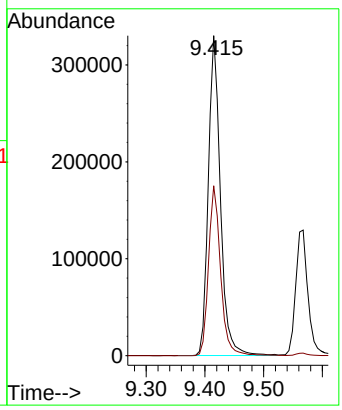
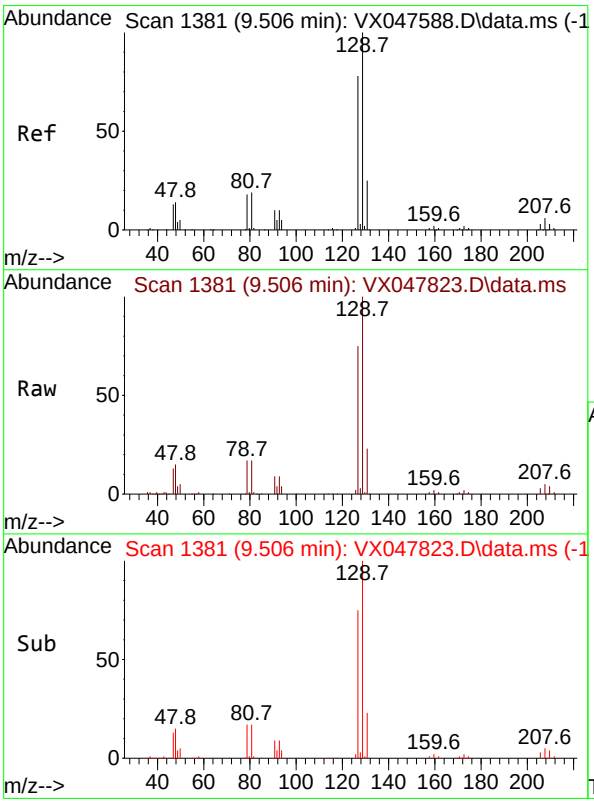
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

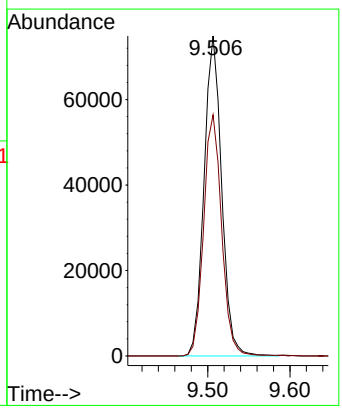


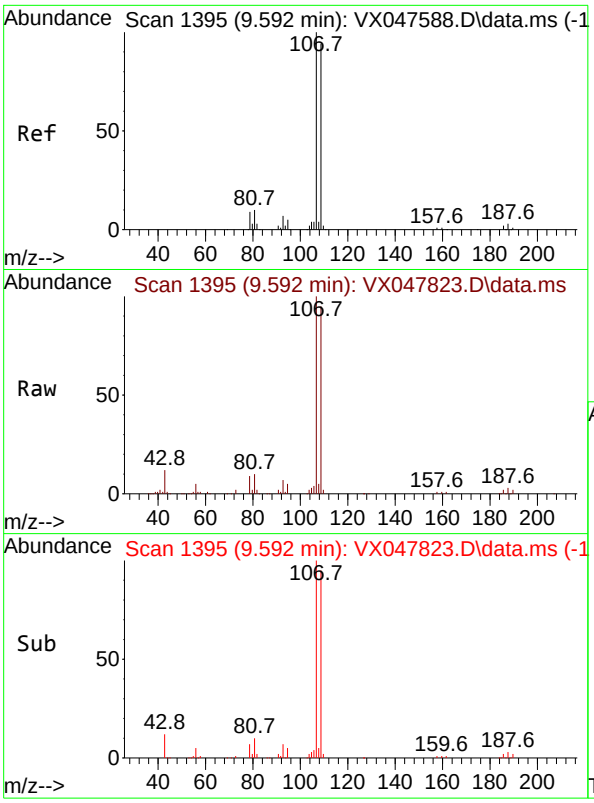


#60
Dibromochloromethane
Concen: 54.529 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:129 Resp: 111334

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.4	115.2





#61
1,2-Dibromoethane
Concen: 55.828 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:107 Resp: 10076

Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.3	112.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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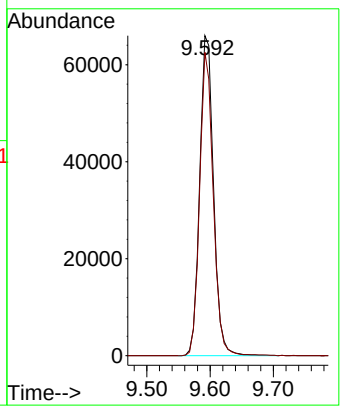
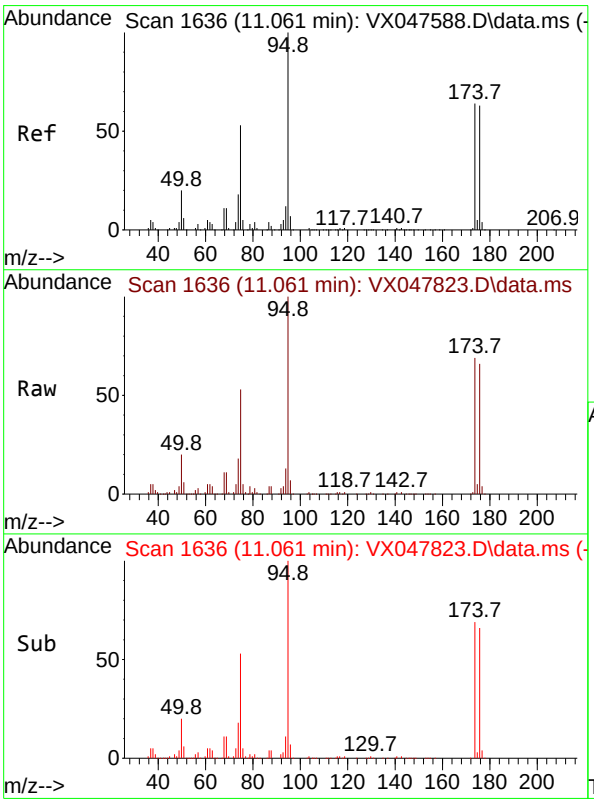
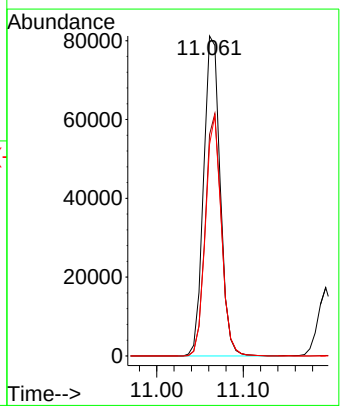


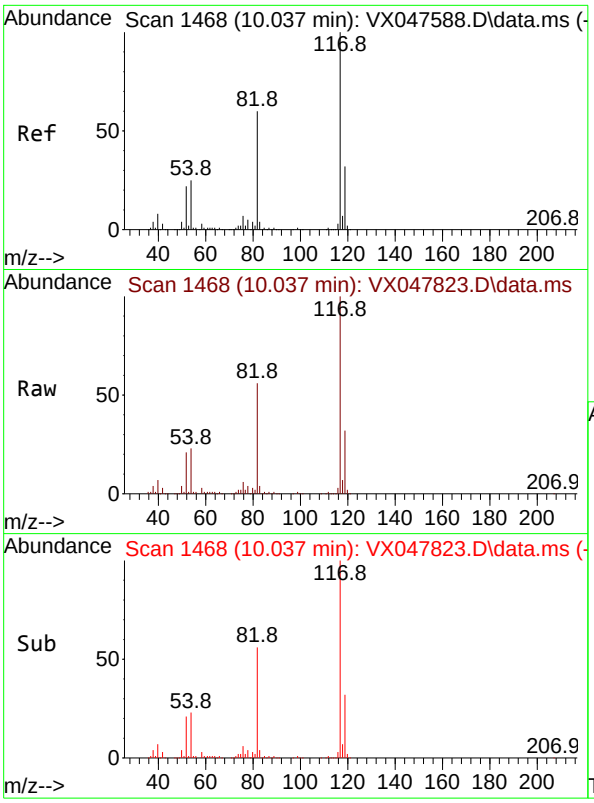


#62
4-Bromofluorobenzene
Concen: 48.923 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 95 Resp: 107976

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	141.6
176	72.0	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:117 Resp: 22718

Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.8	71.6
119	31.6	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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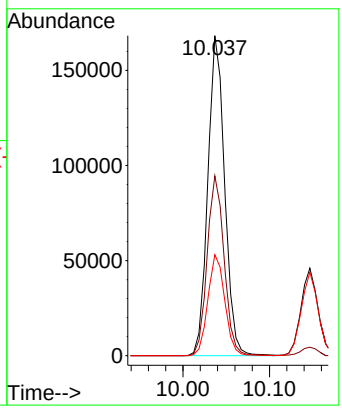
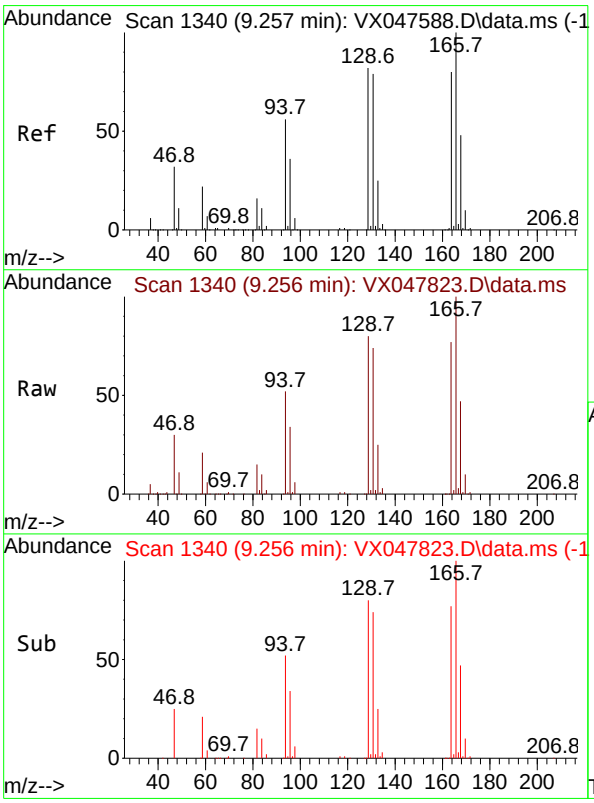
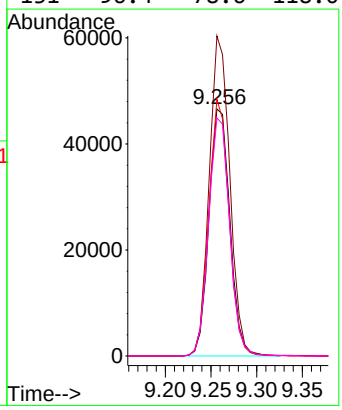


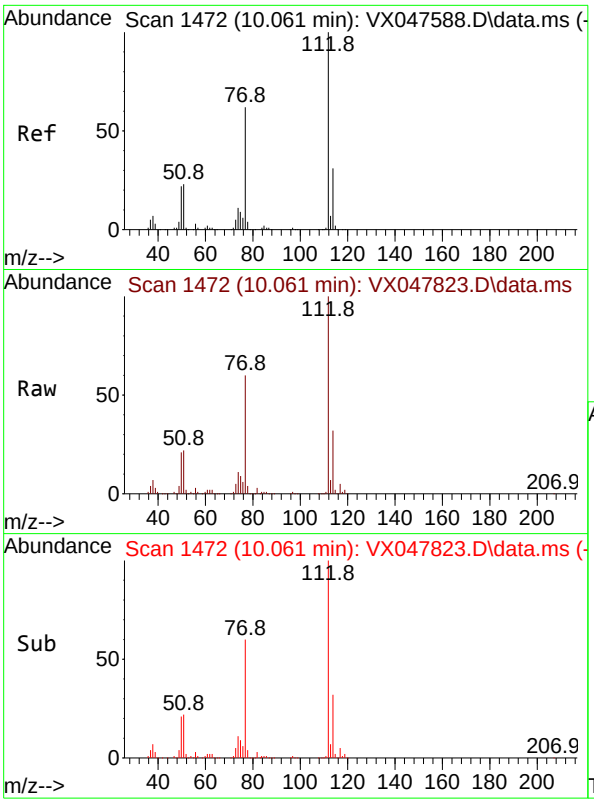


#64
Tetrachloroethene
Concen: 50.109 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:164 Resp: 74213

Ion	Ratio	Lower	Upper
164	100		
166	129.5	100.2	150.2
129	103.9	81.8	122.6
131	96.4	78.6	118.0





#65
Chlorobenzene
Concen: 51.289 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:112 Resp: 26471

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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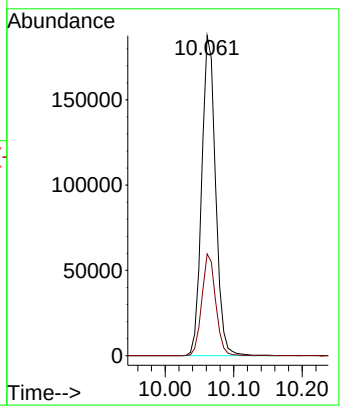
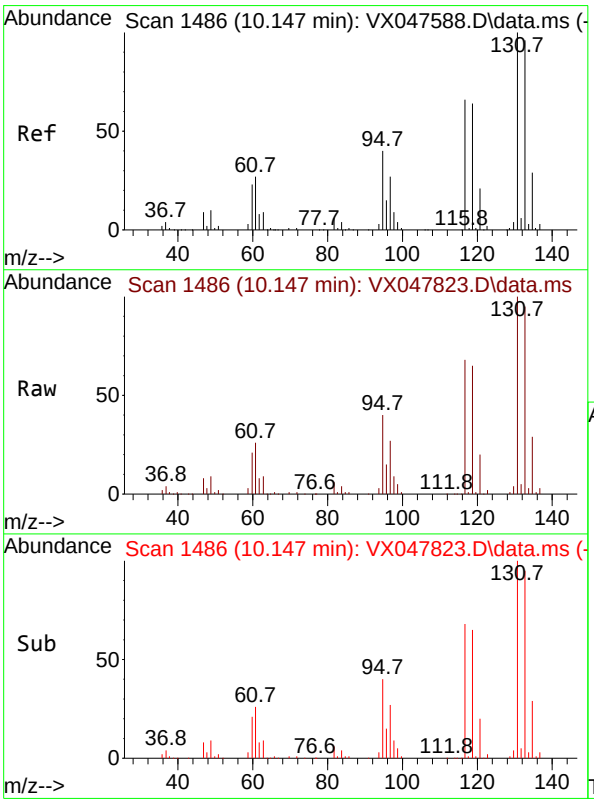
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

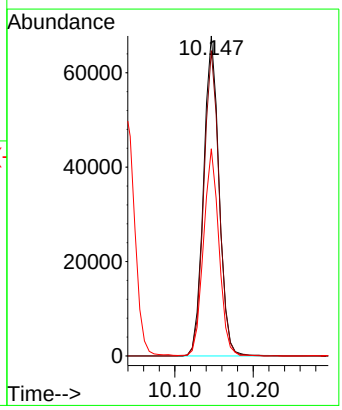


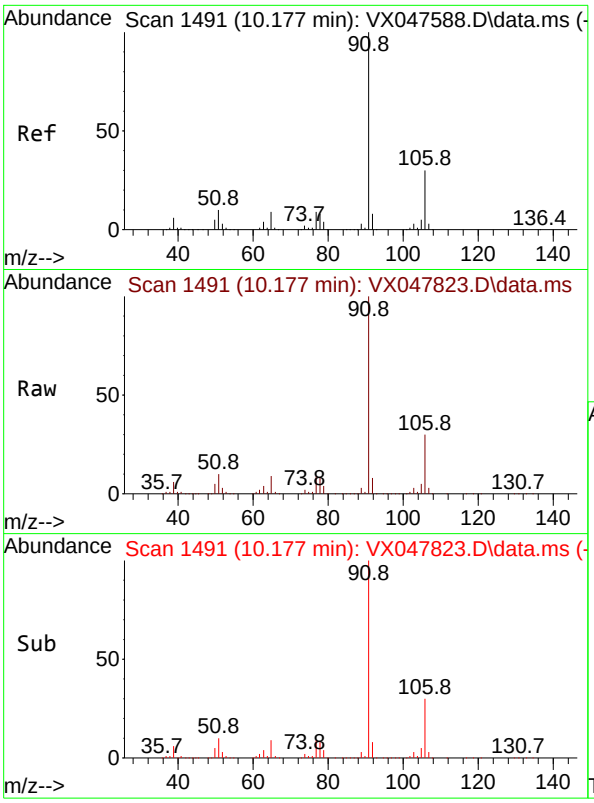


#66
1,1,1,2-Tetrachloroethane
Concen: 52.017 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:131 Resp: 92643

Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	142.0
119	64.7	32.0	96.0





#67
Ethyl Benzene
Concen: 50.998 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 91 Resp: 45415

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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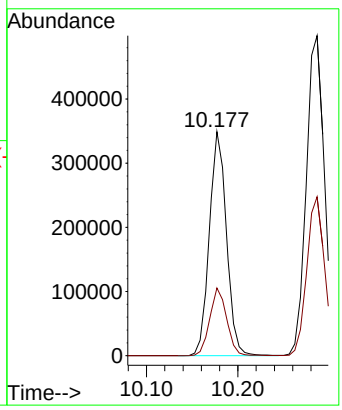
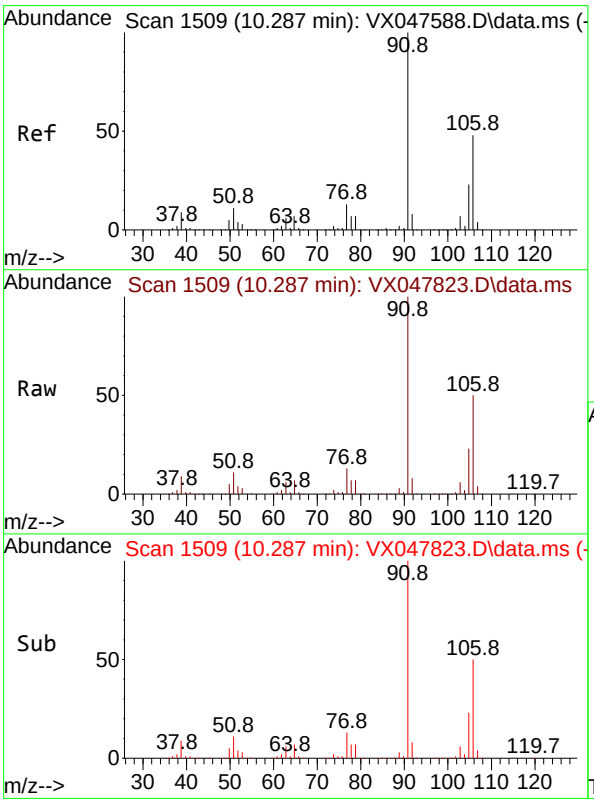
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

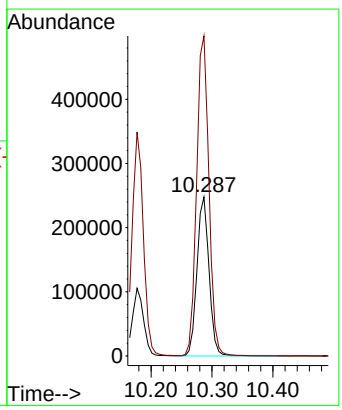


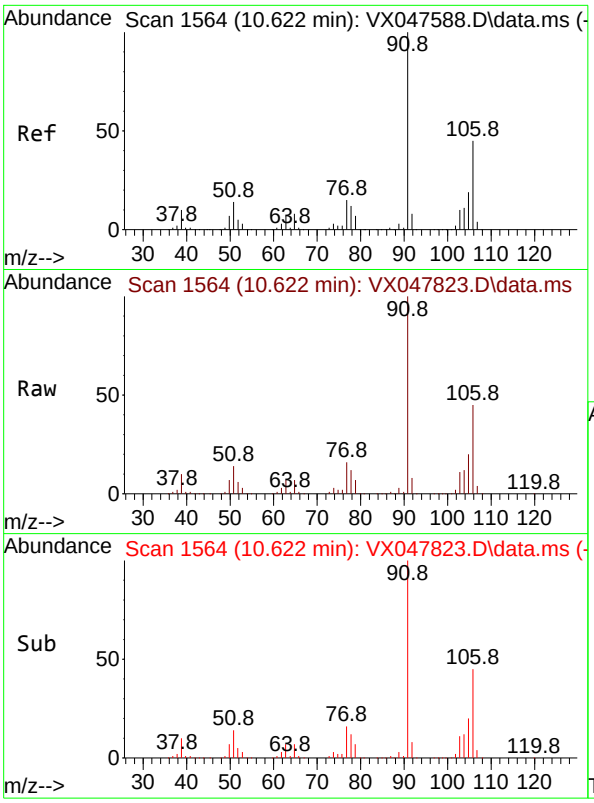


#68
m/p-Xylenes
Concen: 102.531 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:106 Resp: 339855

Ion	Ratio	Lower	Upper
106	100		
91	204.9	167.8	251.8





#69
o-Xylene
Concen: 51.944 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:106 Resp: 16653

Ion	Ratio	Lower	Upper
106	100		
91	218.0	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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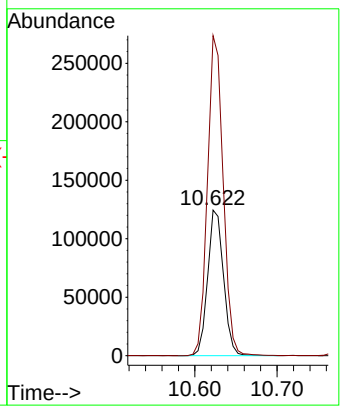
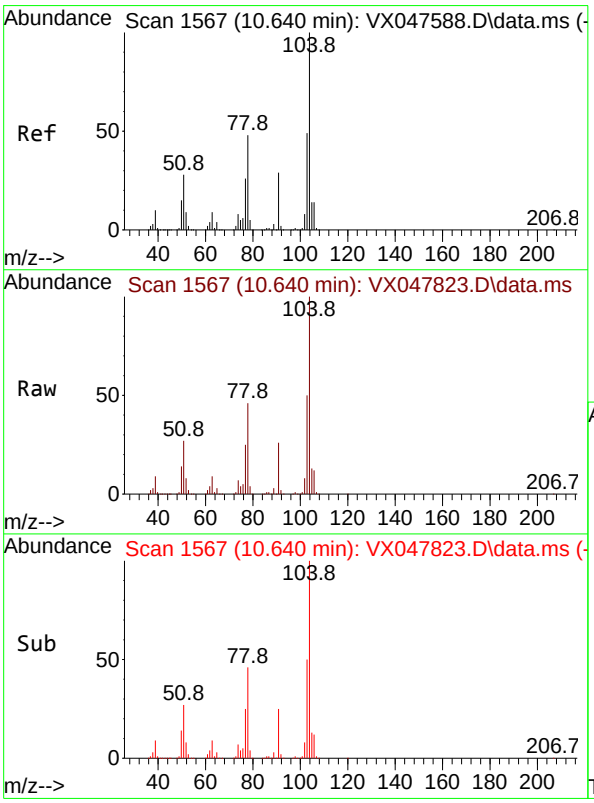
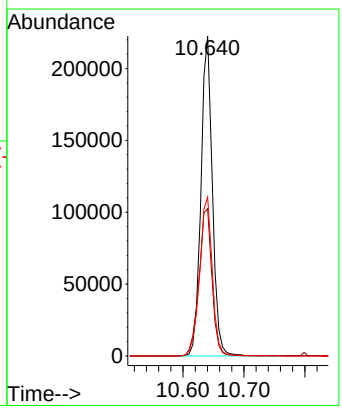


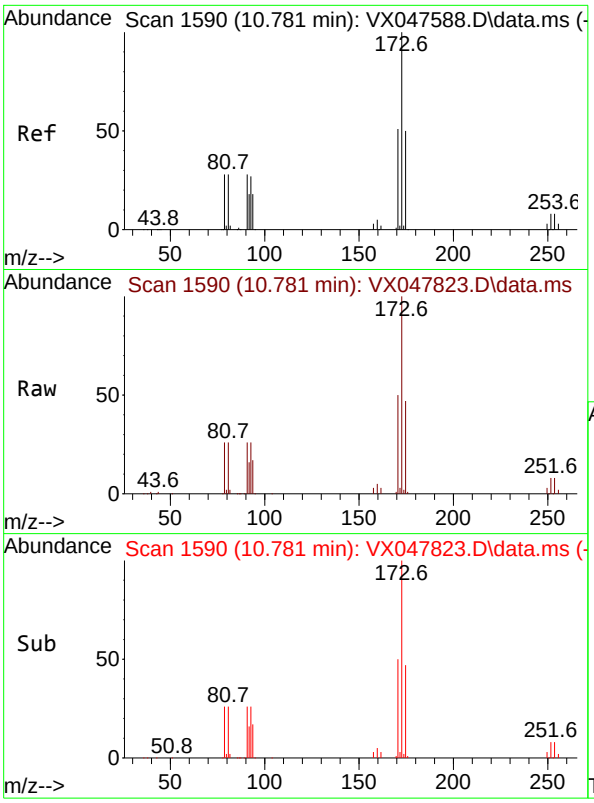


#70
Styrene
Concen: 51.778 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:104 Resp: 290866

Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.1	64.7
103	54.9	43.1	64.7

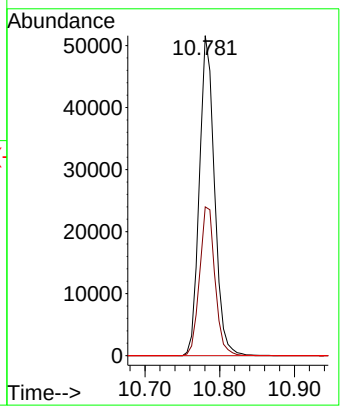




#71
Bromoform
Concen: 54.510 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:173 Resp: 7249

Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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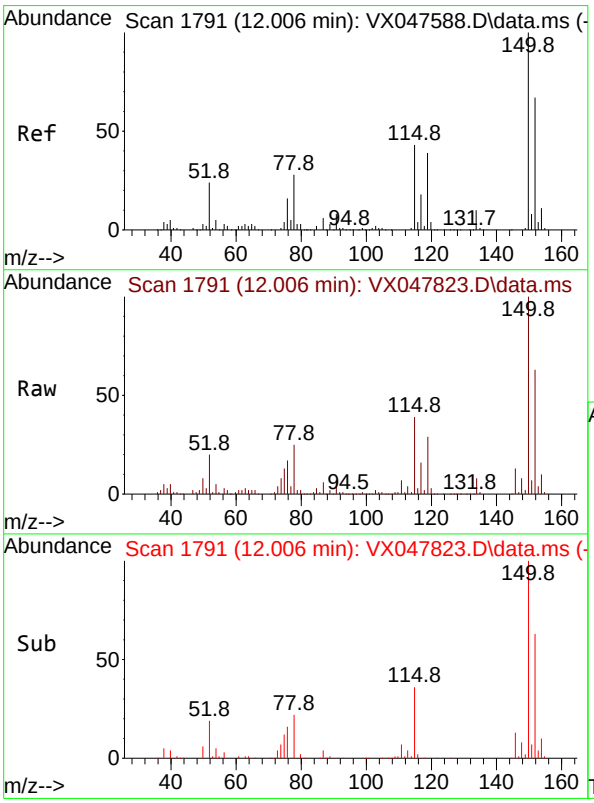
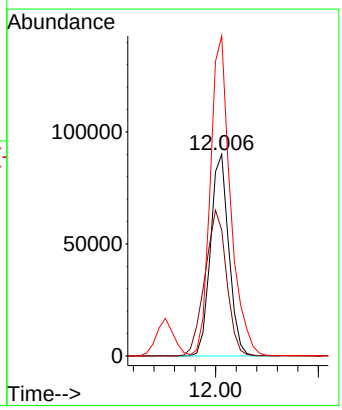
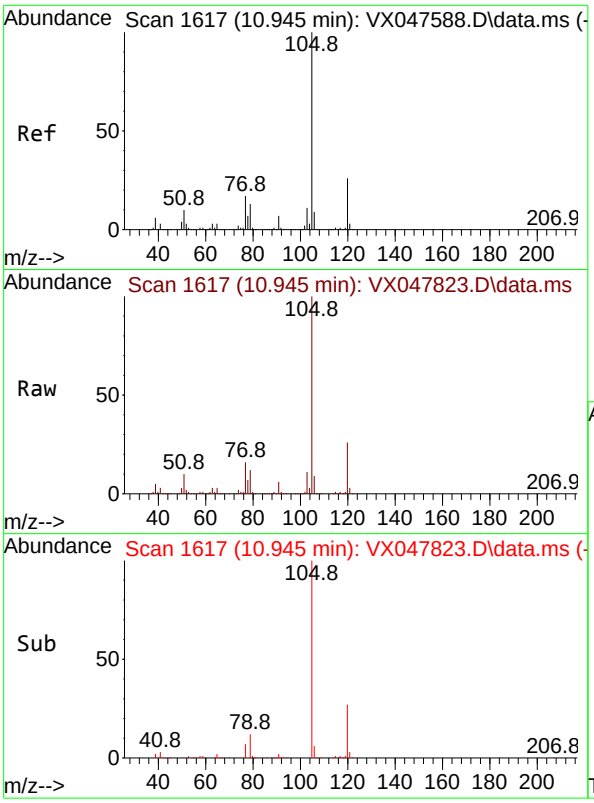


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:152 Resp: 111205

Ion	Ratio	Lower	Upper
152	100		
115	85.8	44.9	134.5
150	174.1	0.0	352.0

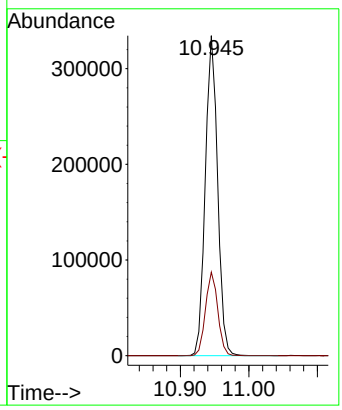




#73
Isopropylbenzene
Concen: 49.442 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:105 Resp: 41800

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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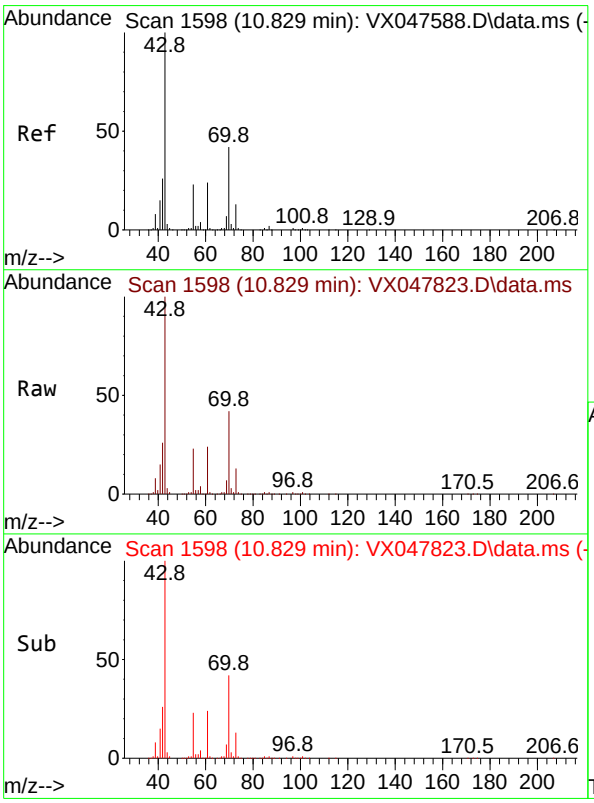
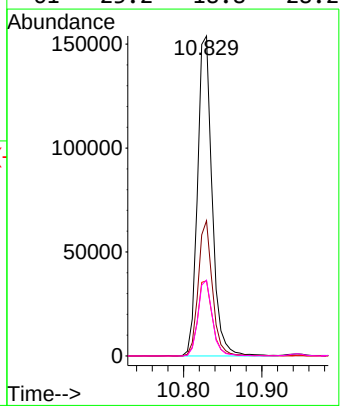
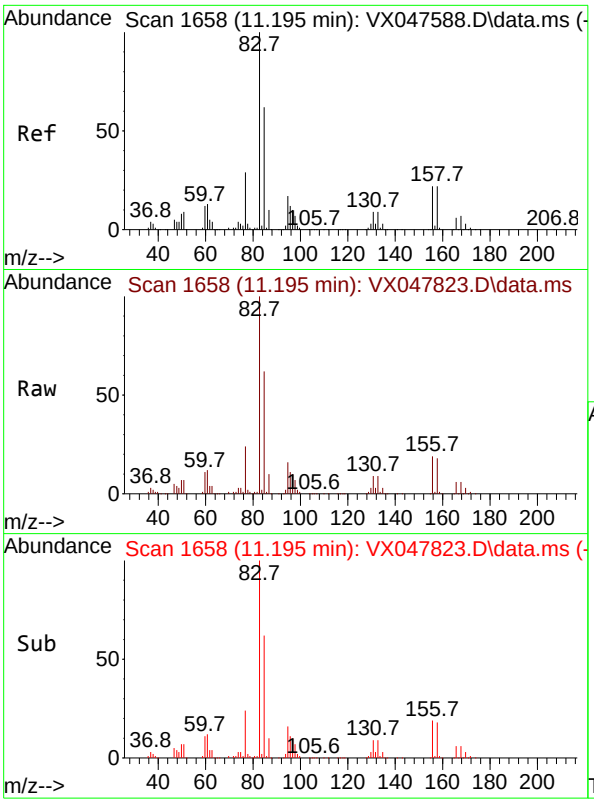


#74
N-amyl acetate
Concen: 51.849 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 199899

Ion	Ratio	Lower	Upper
43	100		
70	41.0	32.0	48.0
55	23.8	18.9	28.3
61	23.2	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.895 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 83 Resp: 13785

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	14.9
85	64.4	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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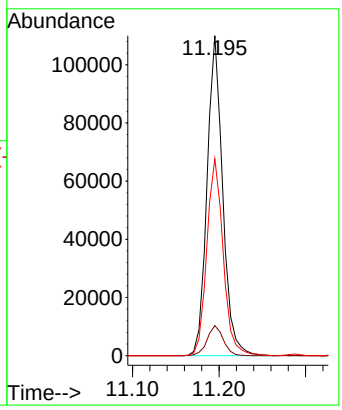
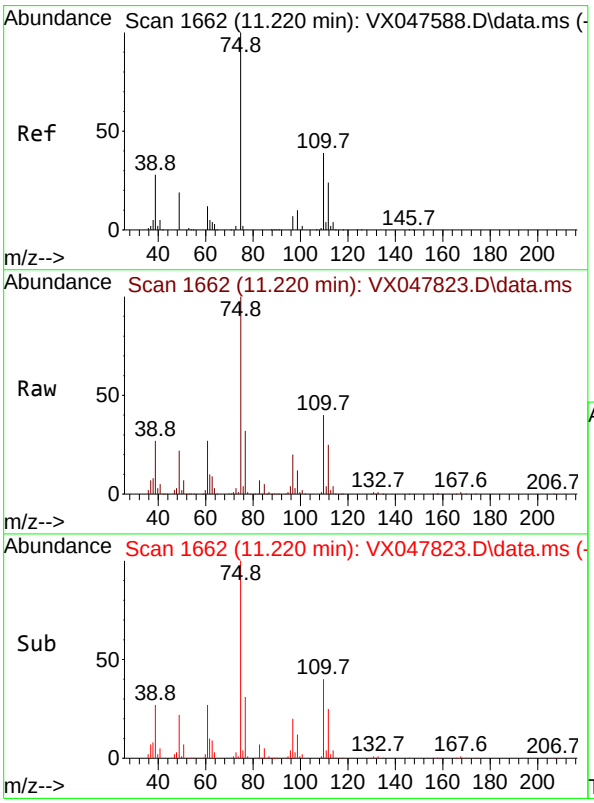
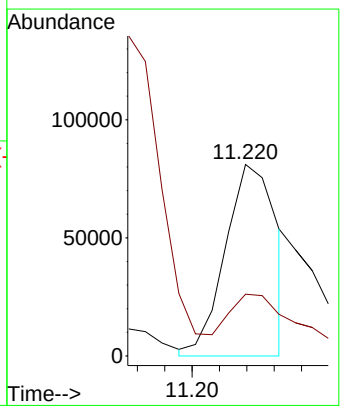


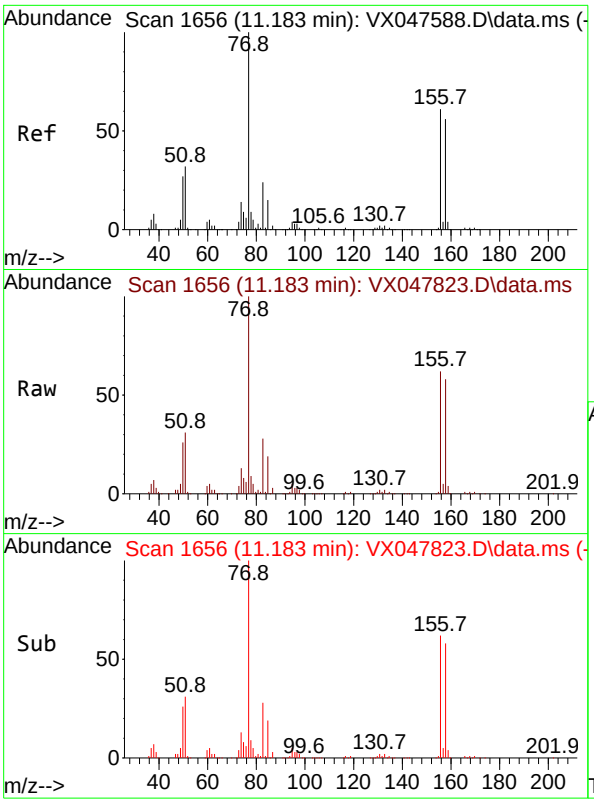


#76
1,2,3-Trichloropropane
Concen: 46.695 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 105136

Ion	Ratio	Lower	Upper
75	100		
77	43.5	18.8	56.4

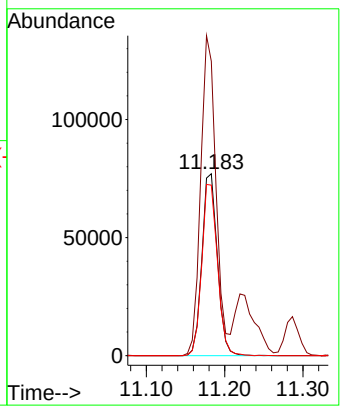




#77
Bromobenzene
Concen: 50.576 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:156 Resp: 10531

Ion	Ratio	Lower	Upper
156	100		
77	175.2	89.7	269.1
158	95.9	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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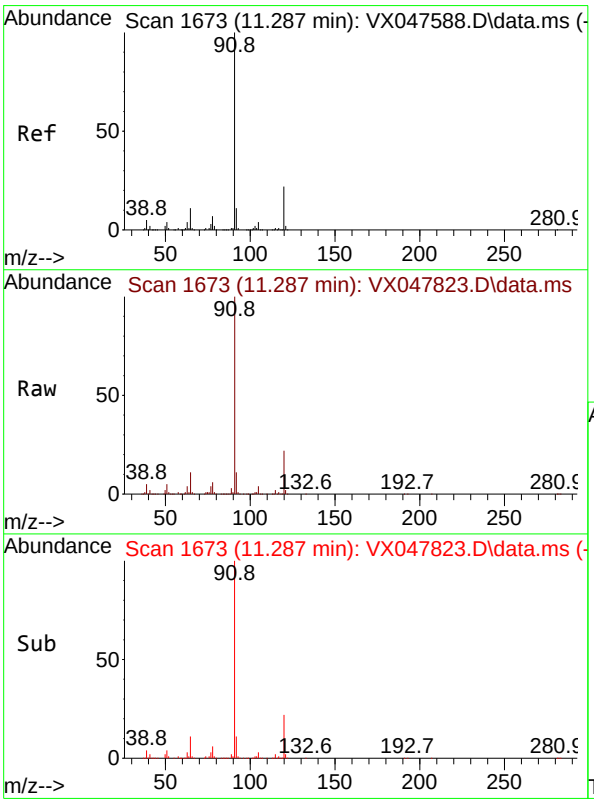
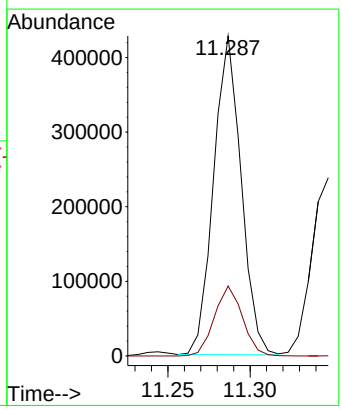
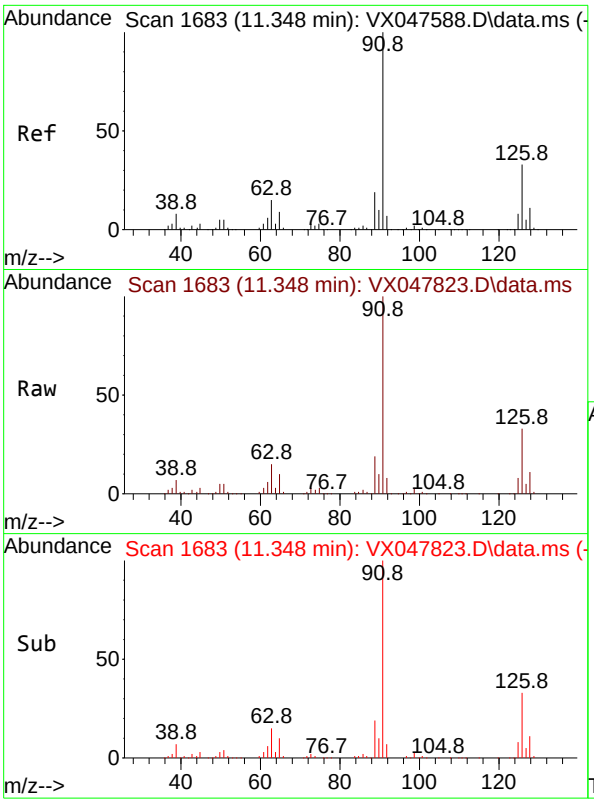


#78
n-propylbenzene
Concen: 49.701 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 91 Resp: 496726

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1





#79
2-Chlorotoluene
Concen: 49.240 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 91 Resp: 30141

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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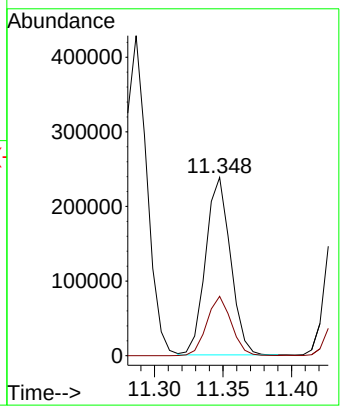
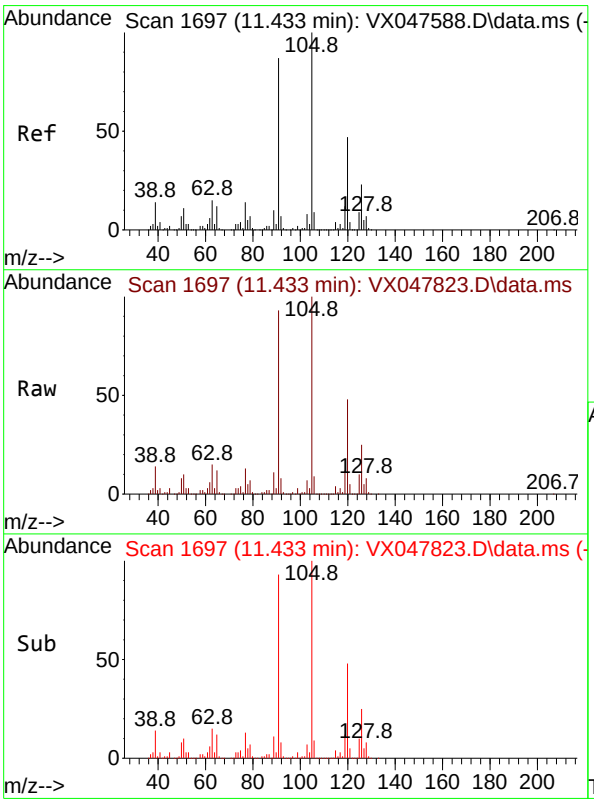
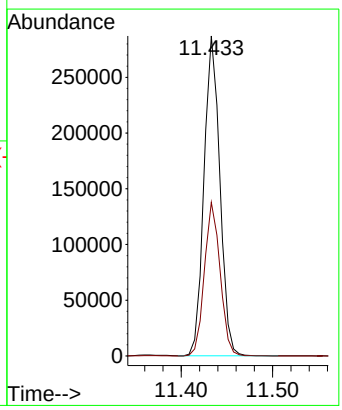


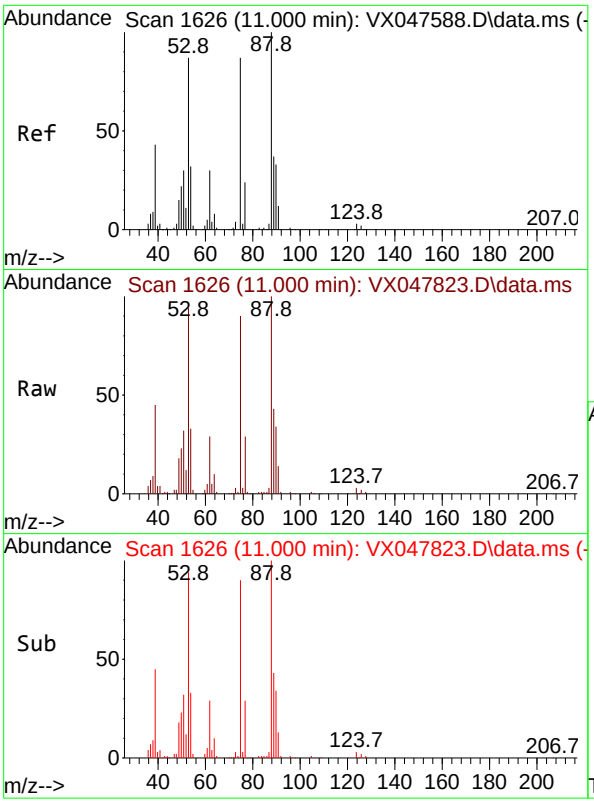


#80
1,3,5-Trimethylbenzene
Concen: 49.685 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:105 Resp: 345119

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.6	70.8

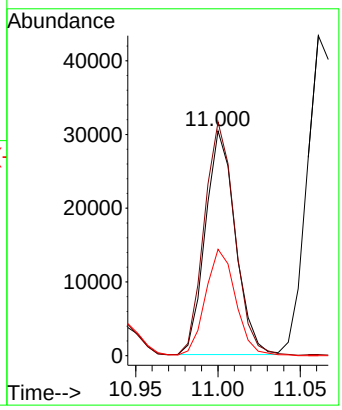




#81
trans-1,4-Dichloro-2-butene
Concen: 43.621 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 3851

Ion	Ratio	Lower	Upper
75	100		
53	106.1	83.4	125.2
89	47.8	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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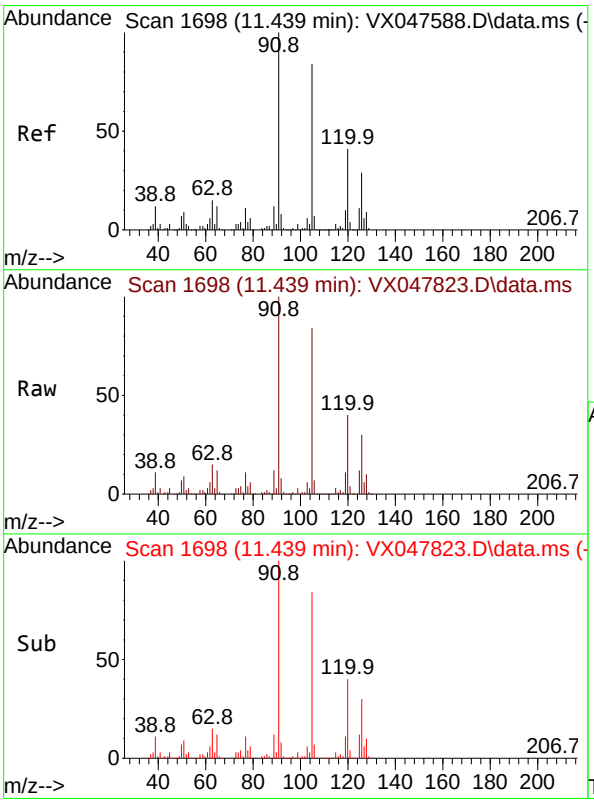
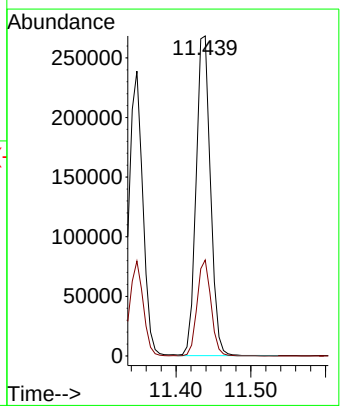
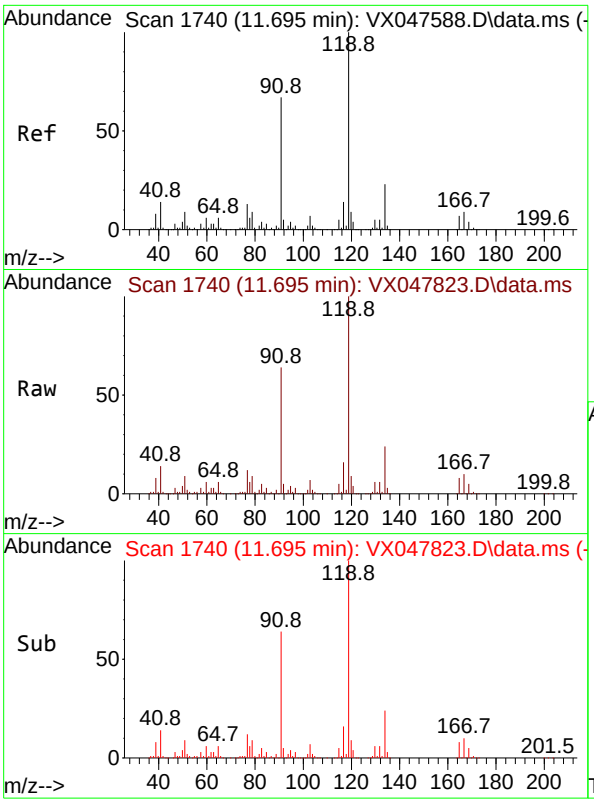


#82
4-Chlorotoluene
Concen: 49.368 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 91 Resp: 356913

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.2	42.6

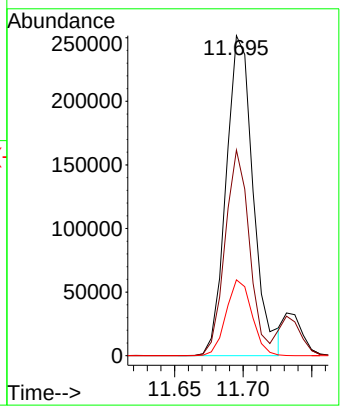




#83
tert-Butylbenzene
Concen: 48.736 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:119 Resp: 34654

Ion	Ratio	Lower	Upper
119	100		
91	58.1	29.6	88.8
134	22.5	11.0	33.0



Instrument :
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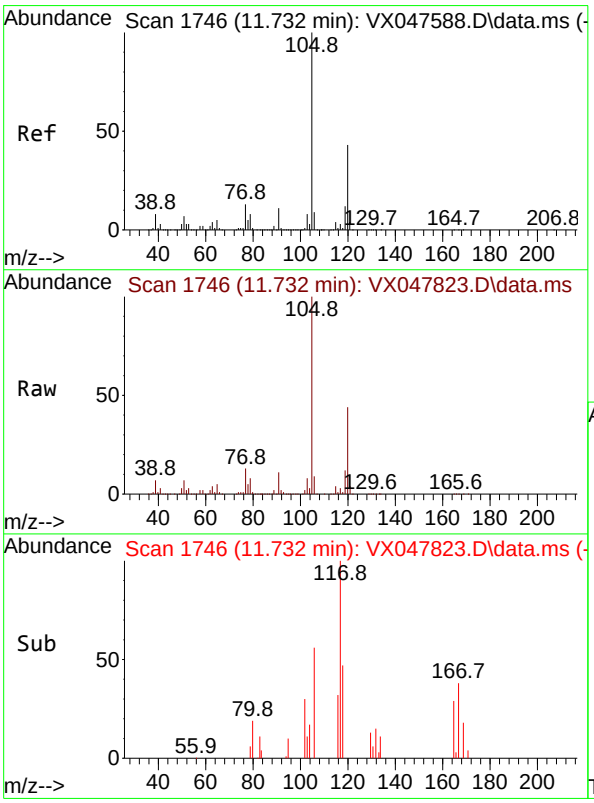
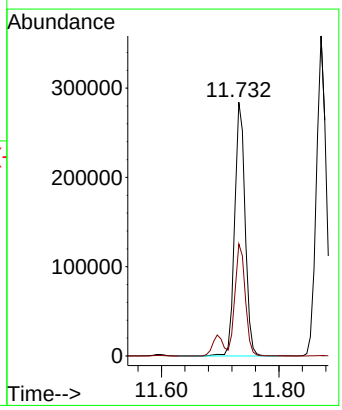
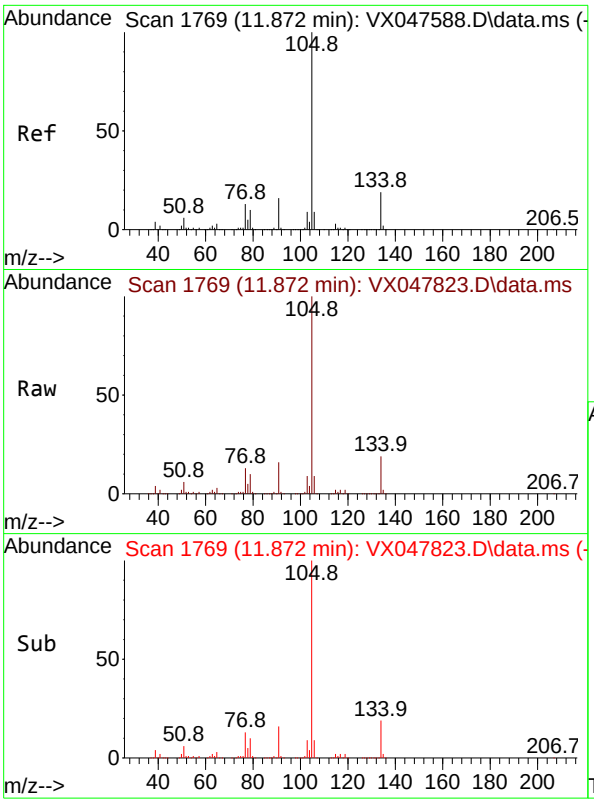


#84
1,2,4-Trimethylbenzene
Concen: 49.770 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:105 Resp: 350492

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1

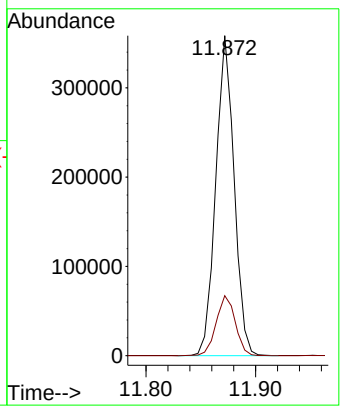




#85
sec-Butylbenzene
Concen: 49.318 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:105 Resp: 41653

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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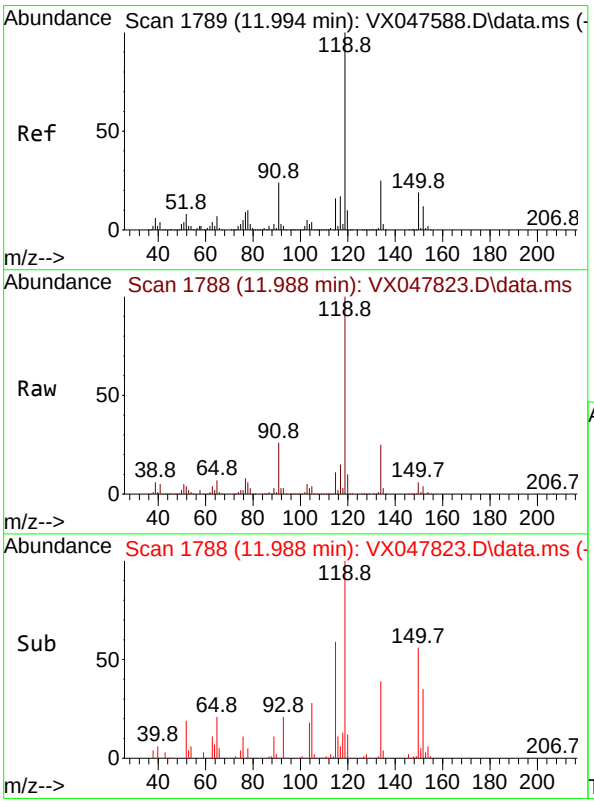
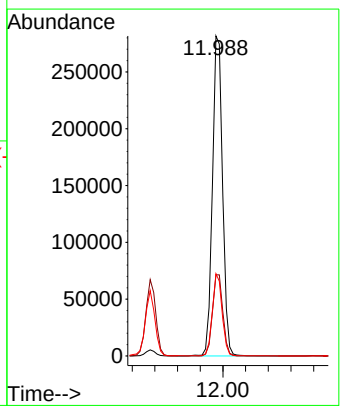
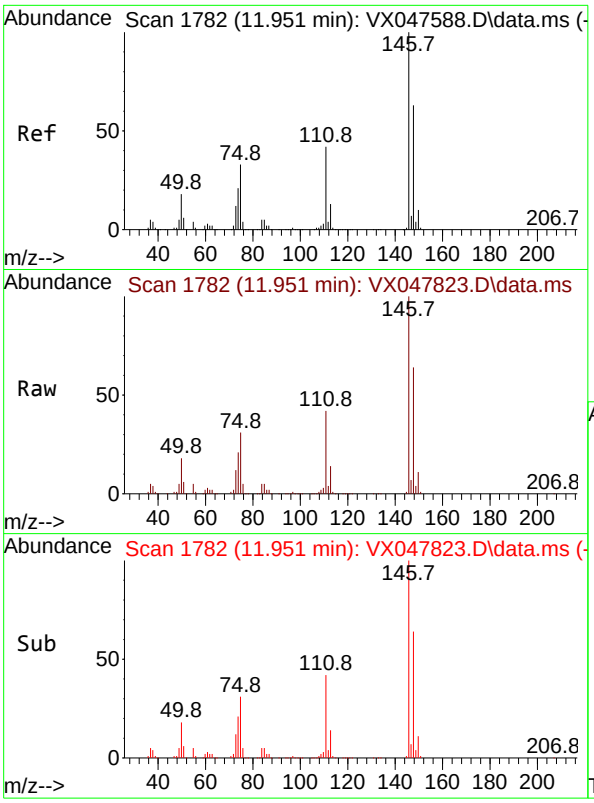


#86
p-Isopropyltoluene
Concen: 48.843 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:119 Resp: 349248

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.6	37.8
91	24.8	12.6	37.6

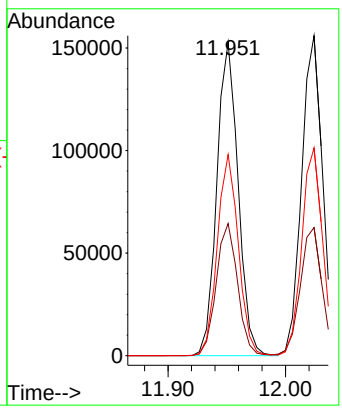




#87
1,3-Dichlorobenzene
Concen: 49.719 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:146 Resp: 19229

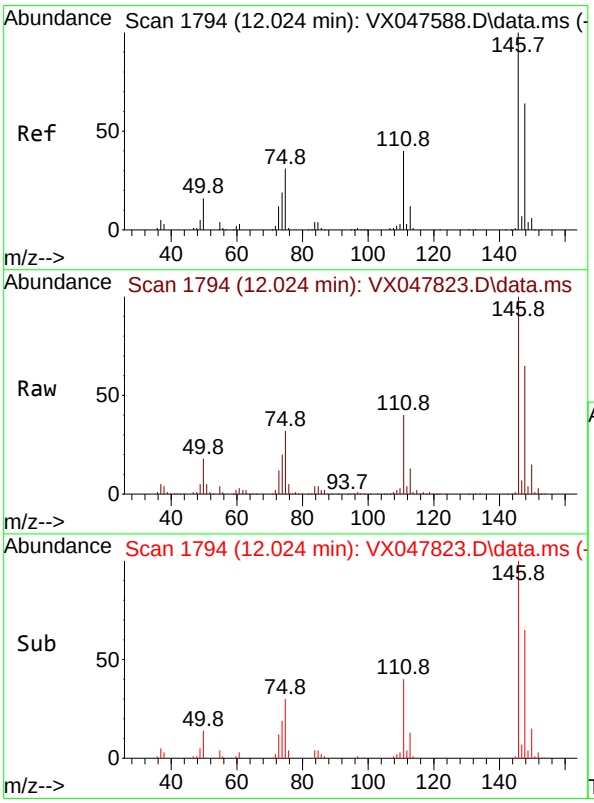
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	63.6	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

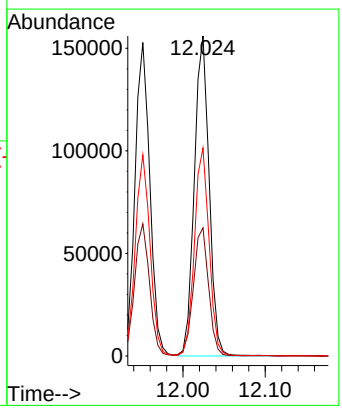
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

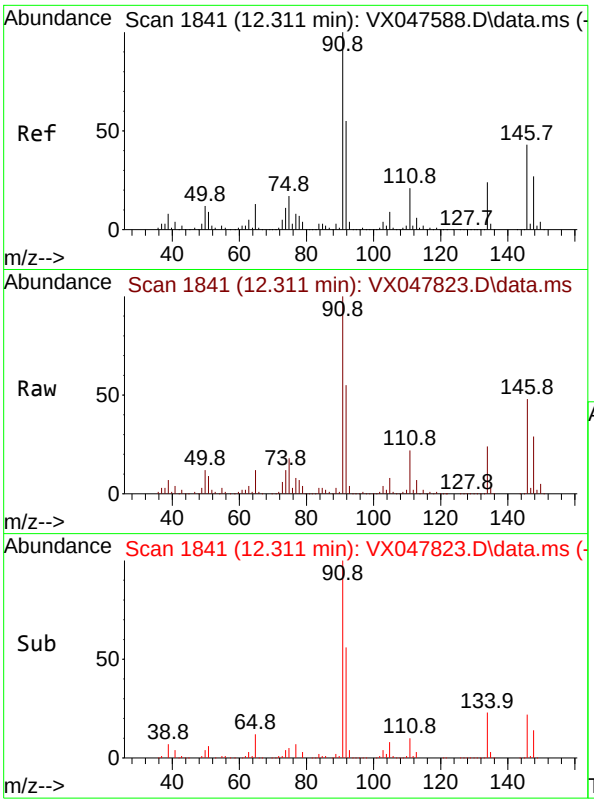


#88
1,4-Dichlorobenzene
Concen: 49.222 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:146 Resp: 195390

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.4
148	64.3	31.7	95.1





#89
n-Butylbenzene
Concen: 48.051 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

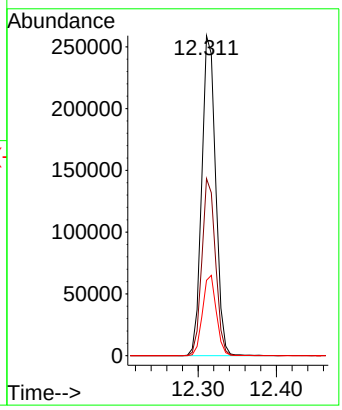
Tgt Ion: 91 Resp: 31791

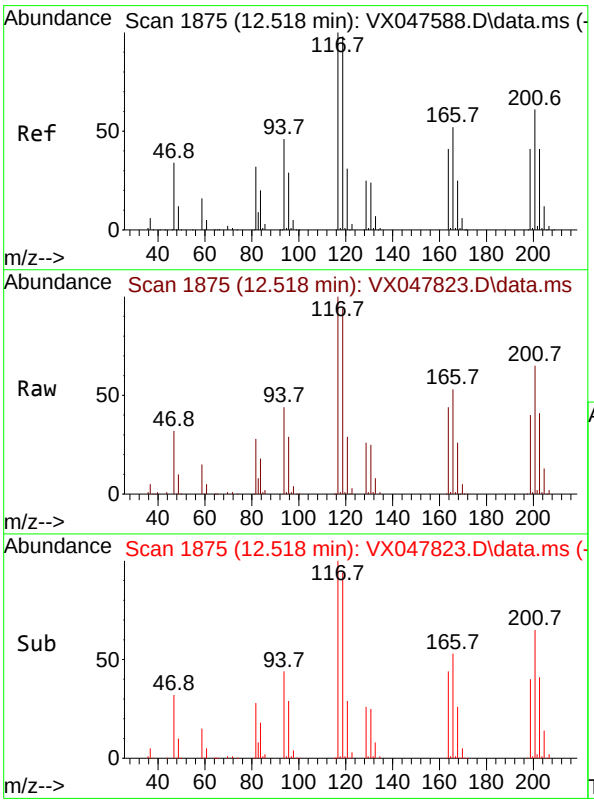
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.6	82.7
134	24.9	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

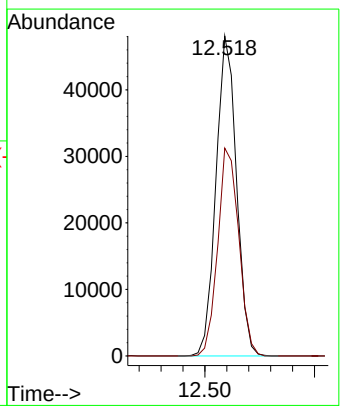


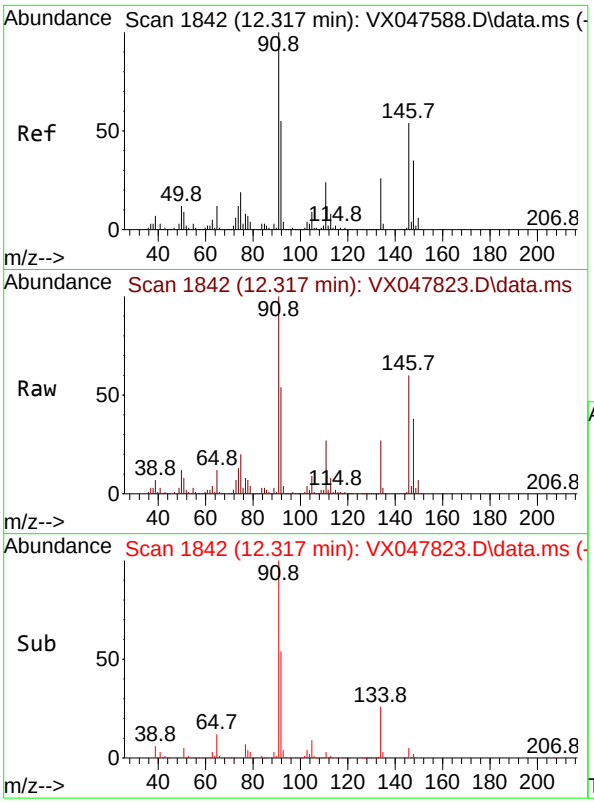


#90
Hexachloroethane
Concen: 49.811 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:117 Resp: 62532

Ion	Ratio	Lower	Upper
117	100		
201	66.9	34.2	102.5

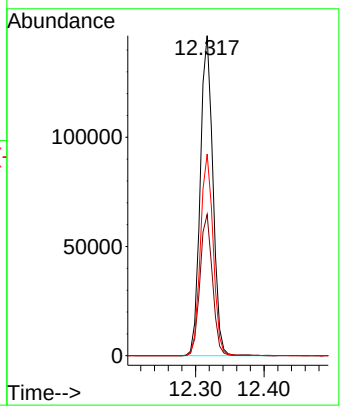




#91
1,2-Dichlorobenzene
Concen: 51.098 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:146 Resp: 18828

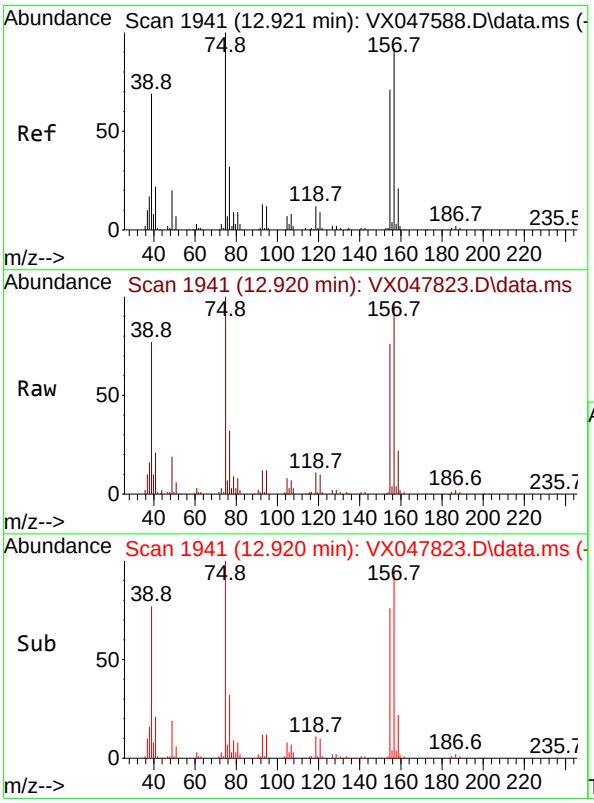
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.2	66.6
148	63.3	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

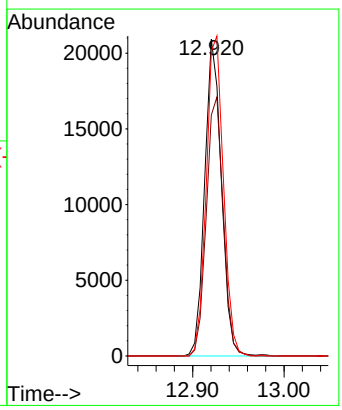
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

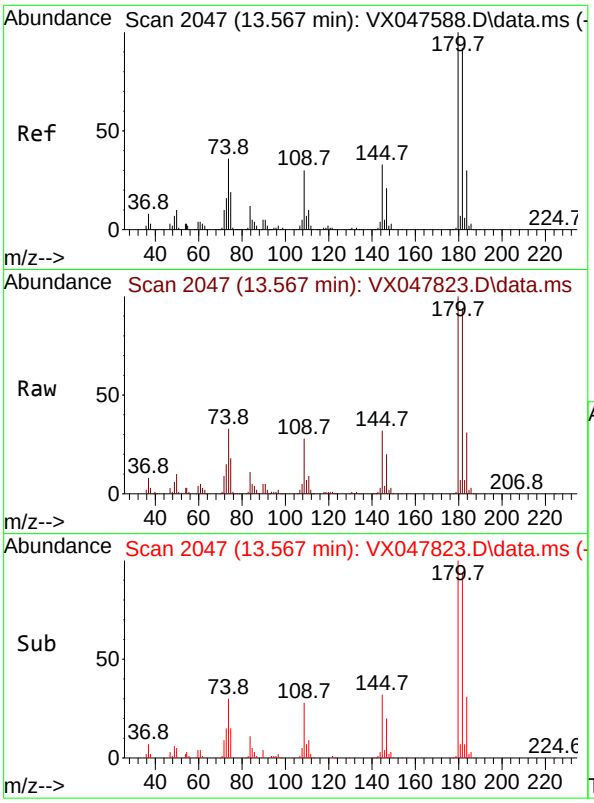


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.962 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 26392

Ion	Ratio	Lower	Upper
75	100		
155	83.3	37.7	113.1
157	103.8	49.8	149.4

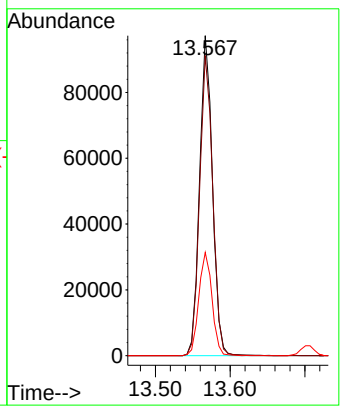




#93
1,2,4-Trichlorobenzene
Concen: 48.516 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:180 Resp: 11618

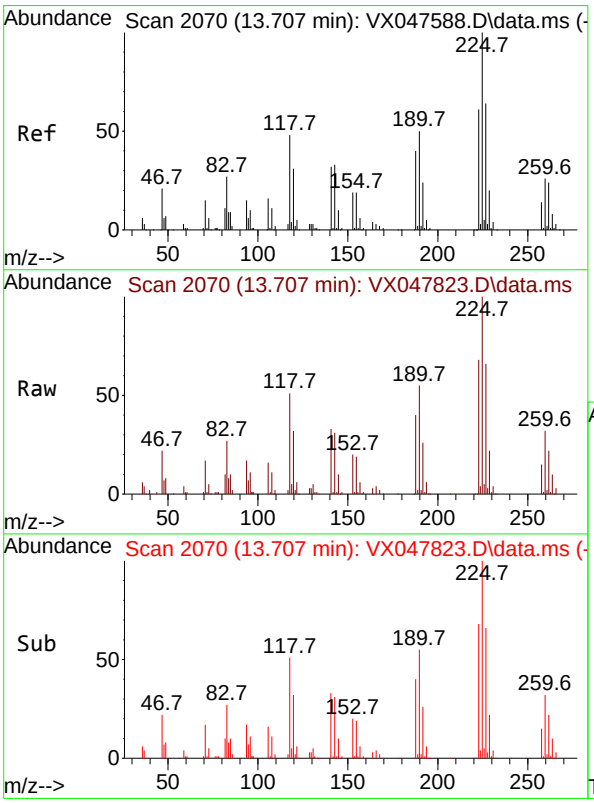
Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.6	139.8
145	33.1	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

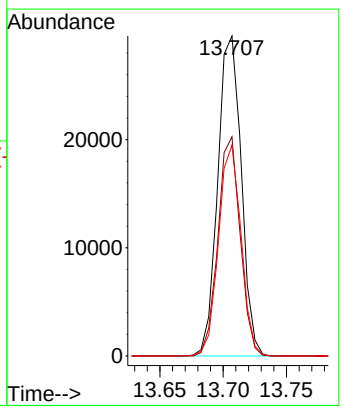
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

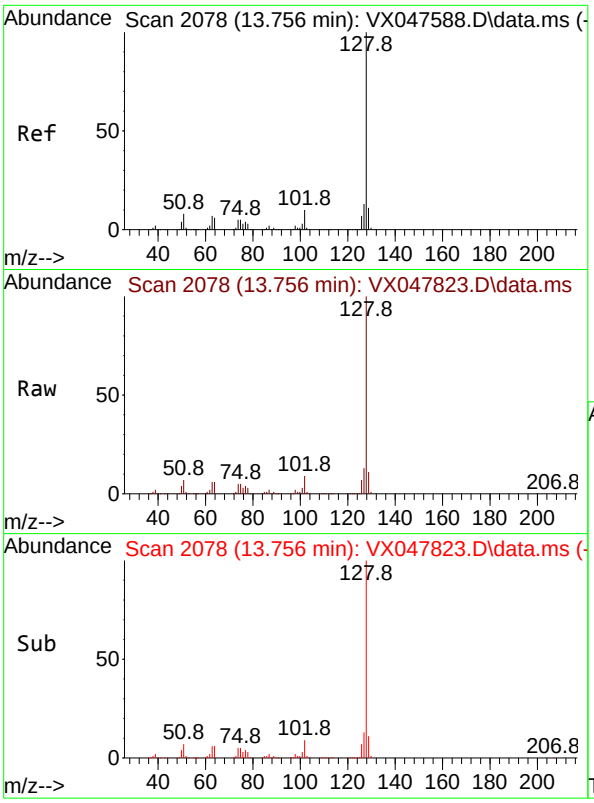


#94
Hexachlorobutadiene
Concen: 46.880 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:225 Resp: 38133

Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.7	95.1
227	63.1	32.0	96.0

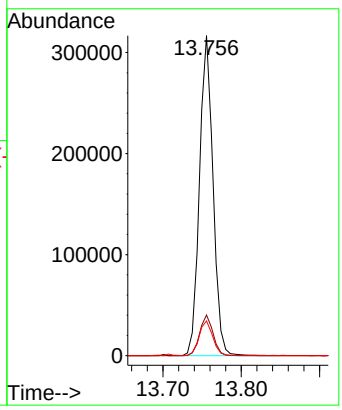




#95
Naphthalene
Concen: 52.100 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:128 Resp: 37992

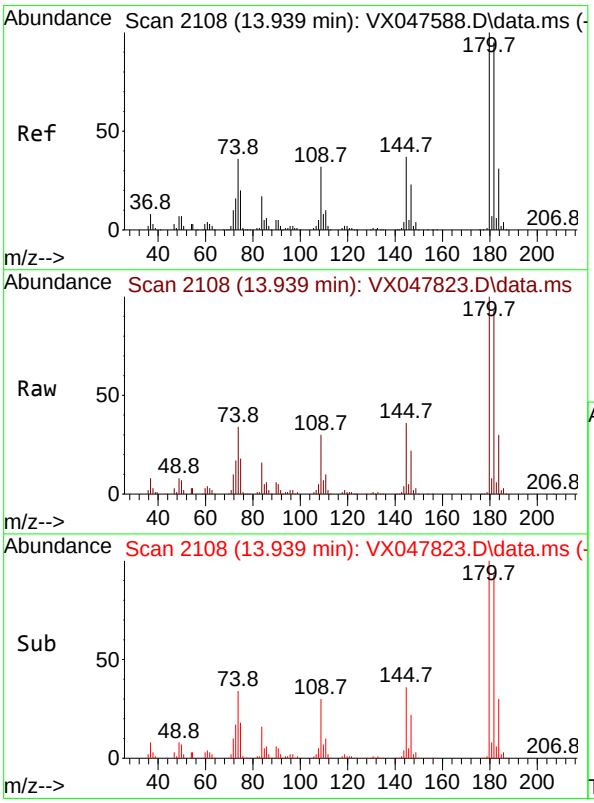
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

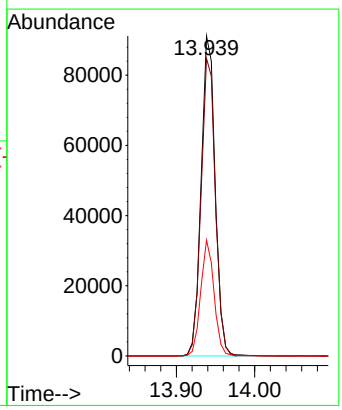
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.796 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:180 Resp: 113155

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.8
145	34.5	17.9	53.7



Sample Results: **VX047823.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	80	0.00
2	T	Dichlorodifluoromethane	0.518	0.570	-10.0	91	0.00
3	P	Chloromethane	0.680	0.706	-3.8	85	0.00
4	C	Vinyl Chloride	0.666	0.715	-7.4#	86	0.00
5	T	Bromomethane	0.422	0.476	-12.8	89	0.00
6	T	Chloroethane	0.445	0.468	-5.2	84	0.00
7	T	Trichlorofluoromethane	0.989	1.012	-2.3	81	0.00
8	T	Diethyl Ether	0.405	0.426	-5.2	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.582	-0.7	79	0.00
10	T	Methyl Iodide	0.902	0.897	0.6	78	0.00
11	T	Tert butyl alcohol	0.089	0.087	2.2	78	0.00
12	CM	1,1-Dichloroethene	0.594	0.611	-2.9#	81	0.00
13	T	Acrolein	0.082	0.076	7.3	74	0.00
14	T	Allyl chloride	1.226	1.177	4.0	77	0.00
15	T	Acrylonitrile	0.328	0.382	-16.5	88	0.00
16	T	Acetone	0.346	0.295	14.7	74	0.00
17	T	Carbon Disulfide	1.626	1.666	-2.5	85	0.00
18	T	Methyl Acetate	0.770	0.897	-16.5	82	0.00
19	T	Methyl tert-butyl Ether	2.169	2.267	-4.5	80	0.00
20	T	Methylene Chloride	0.732	0.760	-3.8	83	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.669	-4.5	82	0.00
22	T	Diisopropyl ether	2.376	2.502	-5.3	80	0.00
23	T	Vinyl Acetate	1.901	2.052	-7.9	82	0.00
24	P	1,1-Dichloroethane	1.263	1.314	-4.0	81	0.00
25	T	2-Butanone	0.432	0.457	-5.8	83	0.00
26	T	2,2-Dichloropropane	1.050	0.768	26.9#	57	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.823	-5.1	81	0.00
28	T	Bromochloromethane	0.551	0.605	-9.8	84	0.00
29	T	Tetrahydrofuran	0.260	0.297	-14.2	86	0.00
30	C	Chloroform	1.276	1.355	-6.2#	82	0.00
31	T	Cyclohexane	1.052	1.017	3.3	79	0.00
32	T	1,1,1-Trichloroethane	1.082	1.111	-2.7	79	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.769	3.4	80	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35	S	Dibromofluoromethane	0.335	0.335	0.0	83	0.00
36	T	1,1-Dichloropropene	0.490	0.467	4.7	78	0.00
37	T	Ethyl Acetate	0.525	0.541	-3.0	83	0.00
38	T	Carbon Tetrachloride	0.532	0.519	2.4	78	0.00
39	T	Methylcyclohexane	0.556	0.527	5.2	76	0.00
40	TM	Benzene	1.488	1.537	-3.3	82	0.00
41	T	Methacrylonitrile	0.271	0.295	-8.9	84	0.00
42	TM	1,2-Dichloroethane	0.566	0.566	0.0	79	0.00
43	T	Isopropyl Acetate	0.860	0.906	-5.3	82	0.00
44	TM	Trichloroethene	0.360	0.370	-2.8	81	0.00
45	C	1,2-Dichloropropane	0.381	0.403	-5.8#	83	0.00
46	T	Dibromomethane	0.277	0.293	-5.8	83	0.00
47	T	Bromodichloromethane	0.572	0.597	-4.4	80	0.00
48	T	Methyl methacrylate	0.429	0.458	-6.8	83	0.00

Sample Results: **VX047823.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.006	-50.0#	97	0.00
50	S	Toluene-d8	1.160	1.142	1.6	81	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.541	-13.4	86	0.00
52	CM	Toluene	0.917	0.955	-4.1#	83	0.00
53	T	t-1,3-Dichloropropene	0.584	0.574	1.7	76	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.627	-0.5	78	0.00
55	T	1,1,2-Trichloroethane	0.354	0.385	-8.8	85	0.00
56	T	Ethyl methacrylate	0.555	0.606	-9.2	82	0.00
57	T	1,3-Dichloropropane	0.607	0.664	-9.4	85	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.292	-28.6#	87	0.00
59	T	2-Hexanone	0.343	0.377	-9.9	85	0.00
60	T	Dibromochloromethane	0.407	0.444	-9.1	83	0.00
61	T	1,2-Dibromoethane	0.360	0.402	-11.7	87	0.00
62	S	4-Bromofluorobenzene	0.440	0.431	2.0	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.326	0.327	-0.3	84	0.00
65	PM	Chlorobenzene	1.136	1.165	-2.6	83	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.408	-4.1	83	0.00
67	C	Ethyl Benzene	1.960	1.999	-2.0#	82	0.00
68	T	m/p-Xylenes	0.729	0.748	-2.6	82	0.00
69	T	o-Xylene	0.706	0.733	-3.8	82	0.00
70	T	Styrene	1.236	1.280	-3.6	83	0.00
71	P	Bromoform	0.293	0.319	-8.9	86	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73	T	Isopropylbenzene	3.801	3.759	1.1	81	0.00
74	T	N-amyl acetate	1.733	1.798	-3.8	84	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.240	-7.8	88	0.00
76	T	1,2,3-Trichloropropane	1.012	0.945	6.6	73	0.00
77	T	Bromobenzene	0.936	0.947	-1.2	83	0.00
78	T	n-propylbenzene	4.494	4.467	0.6	81	0.00
79	T	2-Chlorotoluene	2.752	2.710	1.5	81	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.103	0.6	81	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.346	12.8	73	0.00
82	T	4-Chlorotoluene	3.251	3.210	1.3	81	0.00
83	T	tert-Butylbenzene	3.197	3.116	2.5	81	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.152	0.4	82	0.00
85	T	sec-Butylbenzene	3.797	3.746	1.3	81	0.00
86	T	p-Isopropyltoluene	3.215	3.141	2.3	80	0.00
87	T	1,3-Dichlorobenzene	1.739	1.729	0.6	83	0.00
88	T	1,4-Dichlorobenzene	1.785	1.757	1.6	84	0.00
89	T	n-Butylbenzene	2.975	2.859	3.9	79	0.00
90	T	Hexachloroethane	0.564	0.562	0.4	82	0.00
91	T	1,2-Dichlorobenzene	1.657	1.693	-2.2	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.237	-1.7	81	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.045	3.0	79	0.00
94	T	Hexachlorobutadiene	0.366	0.343	6.3	78	0.00
95	T	Naphthalene	3.279	3.416	-4.2	84	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	1.018	-1.6	81	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX047823.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	80	0.00
2	T	Dichlorodifluoromethane	50.000	55.072	-10.1	91	0.00
3	P	Chloromethane	50.000	51.856	-3.7	85	0.00
4	C	Vinyl Chloride	50.000	53.680	-7.4#	86	0.00
5	T	Bromomethane	50.000	56.368	-12.7	89	0.00
6	T	Chloroethane	50.000	52.542	-5.1	84	0.00
7	T	Trichlorofluoromethane	50.000	51.144	-2.3	81	0.00
8	T	Diethyl Ether	50.000	52.626	-5.3	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.334	-0.7	79	0.00
10	T	Methyl Iodide	50.000	49.736	0.5	78	0.00
11	T	Tert butyl alcohol	250.000	244.991	2.0	78	0.00
12	CM	1,1-Dichloroethene	50.000	51.413	-2.8#	81	0.00
13	T	Acrolein	250.000	232.189	7.1	74	0.00
14	T	Allyl chloride	50.000	47.995	4.0	77	0.00
15	T	Acrylonitrile	250.000	290.682	-16.3	88	0.00
16	T	Acetone	250.000	213.041	14.8	74	0.00
17	T	Carbon Disulfide	50.000	51.229	-2.5	85	0.00
18	T	Methyl Acetate	50.000	58.207	-16.4	82	0.00
19	T	Methyl tert-butyl Ether	50.000	52.268	-4.5	80	0.00
20	T	Methylene Chloride	50.000	51.882	-3.8	83	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.273	-4.5	82	0.00
22	T	Diisopropyl ether	50.000	52.663	-5.3	80	0.00
23	T	Vinyl Acetate	250.000	269.815	-7.9	82	0.00
24	P	1,1-Dichloroethane	50.000	52.037	-4.1	81	0.00
25	T	2-Butanone	250.000	264.723	-5.9	83	0.00
26	T	2,2-Dichloropropane	50.000	36.580	26.8#	57	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.554	-5.1	81	0.00
28	T	Bromochloromethane	50.000	54.859	-9.7	84	0.00
29	T	Tetrahydrofuran	250.000	286.033	-14.4	86	0.00
30	C	Chloroform	50.000	53.091	-6.2#	82	0.00
31	T	Cyclohexane	50.000	48.357	3.3	79	0.00
32	T	1,1,1-Trichloroethane	50.000	51.302	-2.6	79	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.331	3.3	80	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	50.006	-0.0	83	0.00
36	T	1,1-Dichloropropene	50.000	47.622	4.8	78	0.00
37	T	Ethyl Acetate	50.000	51.520	-3.0	83	0.00
38	T	Carbon Tetrachloride	50.000	48.736	2.5	78	0.00
39	T	Methylcyclohexane	50.000	47.385	5.2	76	0.00
40	TM	Benzene	50.000	51.647	-3.3	82	0.00
41	T	Methacrylonitrile	50.000	54.368	-8.7	84	0.00
42	TM	1,2-Dichloroethane	50.000	50.000	0.0	79	0.00
43	T	Isopropyl Acetate	50.000	52.636	-5.3	82	0.00
44	TM	Trichloroethene	50.000	51.375	-2.8	81	0.00
45	C	1,2-Dichloropropane	50.000	52.856	-5.7#	83	0.00
46	T	Dibromomethane	50.000	52.781	-5.6	83	0.00
47	T	Bromodichloromethane	50.000	52.127	-4.3	80	0.00
48	T	Methyl methacrylate	50.000	53.443	-6.9	83	0.00

Sample Results: **VX047823.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1317.923	-31.8#	97	0.00
50	S	Toluene-d8	50.000	49.227	1.5	81	0.00
51	T	4-Methyl-2-Pentanone	250.000	283.290	-13.3	86	0.00
52	CM	Toluene	50.000	52.084	-4.2#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	49.172	1.7	76	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.226	-0.5	78	0.00
55	T	1,1,2-Trichloroethane	50.000	54.391	-8.8	85	0.00
56	T	Ethyl methacrylate	50.000	54.571	-9.1	82	0.00
57	T	1,3-Dichloropropane	50.000	54.630	-9.3	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	273.260	-9.3	87	0.00
59	T	2-Hexanone	250.000	275.126	-10.1	85	0.00
60	T	Dibromochloromethane	50.000	54.529	-9.1	83	0.00
61	T	1,2-Dibromoethane	50.000	55.828	-11.7	87	0.00
62	S	4-Bromofluorobenzene	50.000	48.923	2.2	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	50.109	-0.2	84	0.00
65	PM	Chlorobenzene	50.000	51.289	-2.6	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.017	-4.0	83	0.00
67	C	Ethyl Benzene	50.000	50.998	-2.0#	82	0.00
68	T	m/p-Xylenes	100.000	102.531	-2.5	82	0.00
69	T	o-Xylene	50.000	51.944	-3.9	82	0.00
70	T	Styrene	50.000	51.778	-3.6	83	0.00
71	P	Bromoform	50.000	54.510	-9.0	86	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	49.442	1.1	81	0.00
74	T	N-amyl acetate	50.000	51.849	-3.7	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.895	-7.8	88	0.00
76	T	1,2,3-Trichloropropane	50.000	46.695	6.6	73	0.00
77	T	Bromobenzene	50.000	50.576	-1.2	83	0.00
78	T	n-propylbenzene	50.000	49.701	0.6	81	0.00
79	T	2-Chlorotoluene	50.000	49.240	1.5	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.685	0.6	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.621	12.8	73	0.00
82	T	4-Chlorotoluene	50.000	49.368	1.3	81	0.00
83	T	tert-Butylbenzene	50.000	48.736	2.5	81	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.770	0.5	82	0.00
85	T	sec-Butylbenzene	50.000	49.318	1.4	81	0.00
86	T	p-Isopropyltoluene	50.000	48.843	2.3	80	0.00
87	T	1,3-Dichlorobenzene	50.000	49.719	0.6	83	0.00
88	T	1,4-Dichlorobenzene	50.000	49.222	1.6	84	0.00
89	T	n-Butylbenzene	50.000	48.051	3.9	79	0.00
90	T	Hexachloroethane	50.000	49.811	0.4	82	0.00
91	T	1,2-Dichlorobenzene	50.000	51.098	-2.2	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.962	-1.9	81	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.516	3.0	79	0.00
94	T	Hexachlorobutadiene	50.000	46.880	6.2	78	0.00
95	T	Naphthalene	50.000	52.100	-4.2	84	0.00

Sample Results: **VX047823.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	50.796	-1.6	81	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX047825.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: AECO15
Lab Code: ACE
SDG No.: Q3128
Instrument ID: MSVOA_X
Calibration Date/Time: 09/26/2025 01:28
Lab File ID: VX047825.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.564		8.88	20
Chloromethane	0.680	0.683	0.1	0.44	20
Vinyl Chloride	0.666	0.692		3.9	20
Bromomethane	0.422	0.381		-9.72	20
Chloroethane	0.445	0.437		-1.8	20
Trichlorofluoromethane	0.989	0.984		-0.51	20
1,1,2-Trichlorotrifluoroethane	0.578	0.573		-0.87	20
1,1-Dichloroethene	0.594	0.601		1.18	20
Acetone	0.346	0.311		-10.12	20
Carbon Disulfide	1.626	1.681		3.38	20
Methyl tert-butyl Ether	2.169	2.253		3.87	20
Methyl Acetate	0.770	0.935		21.43	20
Methylene Chloride	0.732	0.749		2.32	20
trans-1,2-Dichloroethene	0.640	0.660		3.13	20
1,1-Dichloroethane	1.263	1.302	0.1	3.09	20
Cyclohexane	1.052	1.000		-4.94	20
2-Butanone	0.432	0.473		9.49	20
Carbon Tetrachloride	0.532	0.512		-3.76	20
cis-1,2-Dichloroethene	0.783	0.806		2.94	20
Bromochloromethane	0.551	0.585		6.17	20
Chloroform	1.276	1.331		4.31	20
1,1,1-Trichloroethane	1.082	1.084		0.19	20
Methylcyclohexane	0.556	0.521		-6.3	20
Benzene	1.488	1.511		1.55	20
1,2-Dichloroethane	0.566	0.556		-1.77	20
Trichloroethene	0.360	0.364		1.11	20
1,2-Dichloropropane	0.381	0.399		4.72	20
Bromodichloromethane	0.572	0.592		3.5	20
4-Methyl-2-Pentanone	0.477	0.550		15.3	20
Toluene	0.917	0.932		1.64	20
t-1,3-Dichloropropene	0.584	0.564		-3.42	20
cis-1,3-Dichloropropene	0.624	0.599		-4.01	20
1,1,2-Trichloroethane	0.354	0.378		6.78	20
2-Hexanone	0.343	0.388		13.12	20
Dibromochloromethane	0.407	0.446		9.58	20
1,2-Dibromoethane	0.360	0.396		10	20
Tetrachloroethene	0.326	0.335		2.76	20
Chlorobenzene	1.136	1.147	0.3	0.97	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data: **VX047825.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: AECO15
Lab Code: ACE
SDG No.: Q3128
Instrument ID: MSVOA_X
Calibration Date/Time: 09/26/2025 01:28
Lab File ID: VX047825.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	1.966		0.31	20
m/p-Xylenes	0.729	0.737		1.1	20
o-Xylene	0.706	0.722		2.27	20
Styrene	1.236	1.274		3.07	20
Bromoform	0.293	0.319	0.1	8.87	20
Isopropylbenzene	3.801	3.659		-3.74	20
1,1,2,2-Tetrachloroethane	1.150	1.237	0.3	7.57	20
1,3-Dichlorobenzene	1.739	1.702		-2.13	20
1,4-Dichlorobenzene	1.785	1.726		-3.31	20
1,2-Dichlorobenzene	1.657	1.670		0.79	20
1,2-Dibromo-3-Chloropropane	0.233	0.253		8.58	20
1,2,4-Trichlorobenzene	1.077	1.031		-4.27	20
1,2,3-Trichlorobenzene	1.002	1.021		1.9	20
1,2-Dichloroethane-d4	0.796	0.769		-3.39	20
Dibromofluoromethane	0.335	0.335		0	20
Toluene-d8	1.160	1.135		-2.15	20
4-Bromofluorobenzene	0.440	0.436		-0.91	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	136987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	247384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	222999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105392	48.334	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.660%			
35) Dibromofluoromethane	5.373	113	82885	49.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.920%			
50) Toluene-d8	8.635	98	280831	48.919	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.840%			
62) 4-Bromofluorobenzene	11.061	95	107959	49.551	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	77272	54.474	ug/l	96
3) Chloromethane	1.301	50	93625	50.219	ug/l	98
4) Vinyl Chloride	1.380	62	94805	51.949	ug/l	97
5) Bromomethane	1.611	94	52232	45.135	ug/l	96
6) Chloroethane	1.691	64	59882	49.094	ug/l	99
7) Trichlorofluoromethane	1.892	101	134828	49.757	ug/l	99
8) Diethyl Ether	2.136	74	58285	52.582	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	78502	49.545	ug/l	99
10) Methyl Iodide	2.453	142	117167	47.415	ug/l	99
11) Tert butyl alcohol	2.947	59	67304	277.144	ug/l	100
12) 1,1-Dichloroethene	2.325	96	82336	50.589	ug/l	96
13) Acrolein	2.233	56	22658	101.247	ug/l	99
14) Allyl chloride	2.666	41	144973	43.166	ug/l	96
15) Acrylonitrile	3.056	53	264200	293.710	ug/l	99
16) Acetone	2.374	43	212815	224.469	ug/l	97
17) Carbon Disulfide	2.514	76	230237	51.674	ug/l	98
18) Methyl Acetate	2.697	43	128022	60.675	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	308620	51.945	ug/l	97
20) Methylene Chloride	2.788	84	102627	51.139	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	90348	51.561	ug/l	93
22) Diisopropyl ether	3.751	45	338264	51.970	ug/l	89
23) Vinyl Acetate	3.715	43	1377154	264.363	ug/l	99
24) 1,1-Dichloroethane	3.605	63	178398	51.567	ug/l	98
25) 2-Butanone	4.538	43	324013	273.980	ug/l	98
26) 2,2-Dichloropropane	4.465	77	90626	31.514	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	110397	51.445	ug/l	94
28) Bromochloromethane	4.891	49	80199	53.101	ug/l	98
29) Tetrahydrofuran	4.989	42	205975	289.521	ug/l	99
30) Chloroform	5.080	83	182347	52.160	ug/l	100
31) Cyclohexane	5.464	56	136934	47.524	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	148485	50.074	ug/l	99
36) 1,1-Dichloropropene	5.684	75	116396	48.012	ug/l	99
37) Ethyl Acetate	4.702	43	146310	56.365	ug/l	98
38) Carbon Tetrachloride	5.666	117	126782	48.132	ug/l	95
39) Methylcyclohexane	7.367	83	128784	46.798	ug/l	96
40) Benzene	6.025	78	373725	50.755	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	74858	55.861	ug/l		99
42) 1,2-Dichloroethane	6.074	62	137539	49.092	ug/l		99
43) Isopropyl Acetate	6.324	43	223898	52.593	ug/l		98
44) Trichloroethene	7.111	130	90017	50.566	ug/l		96
45) 1,2-Dichloropropane	7.415	63	98686	52.341	ug/l		98
46) Dibromomethane	7.568	93	71190	51.886	ug/l		97
47) Bromodichloromethane	7.806	83	146520	51.750	ug/l		96
48) Methyl methacrylate	7.677	41	114743	54.110	ug/l		98
49) 1,4-Dioxane	7.653	88	30476	1422.082	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	679821	288.013	ug/l		100
52) Toluene	8.702	92	230579	50.827	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	139482	48.298	ug/l		96
54) cis-1,3-Dichloropropene	8.348	75	148166	48.000	ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	93484	53.442	ug/l		98
56) Ethyl methacrylate	9.104	69	149303	54.348	ug/l		96
57) 1,3-Dichloropropane	9.293	76	162085	53.940	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	343671	261.058	ug/l		99
59) 2-Hexanone	9.415	43	480443	283.408	ug/l		99
60) Dibromochloromethane	9.506	129	110299	54.724	ug/l		100
61) 1,2-Dibromoethane	9.592	107	97882	54.937	ug/l		99
64) Tetrachloroethene	9.256	164	74716	51.396	ug/l		99
65) Chlorobenzene	10.061	112	255860	50.504	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.147	131	91400	52.283	ug/l		99
67) Ethyl Benzene	10.177	91	438472	50.162	ug/l		100
68) m/p-Xylenes	10.287	106	328712	101.032	ug/l		98
69) o-Xylene	10.622	106	160936	51.141	ug/l		97
70) Styrene	10.640	104	284190	51.539	ug/l		98
71) Bromoform	10.781	173	71220	54.560	ug/l	#	98
73) Isopropylbenzene	10.945	105	403833	48.122	ug/l		99
74) N-amyl acetate	10.823	43	195791	51.163	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	136550	53.782	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	106395m	47.607	ug/l		
77) Bromobenzene	11.183	156	102475	49.580	ug/l		98
78) n-propylbenzene	11.287	91	479279	48.313	ug/l		99
79) 2-Chlorotoluene	11.348	91	294446	48.461	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	335826	48.708	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	34412	39.266	ug/l		97
82) 4-Chlorotoluene	11.439	91	345097	48.090	ug/l		99
83) tert-Butylbenzene	11.695	119	338797	48.002	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	339850	48.619	ug/l		100
85) sec-Butylbenzene	11.872	105	403354	48.114	ug/l		100
86) p-Isopropyltoluene	11.994	119	339026	47.768	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	187911	48.948	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	190488	48.345	ug/l		100
89) n-Butylbenzene	12.311	91	312663	47.610	ug/l		99
90) Hexachloroethane	12.518	117	60975	48.933	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	184316	50.395	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	27966	54.404	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	113843	47.893	ug/l		98
94) Hexachlorobutadiene	13.707	225	38404	47.565	ug/l		99
95) Naphthalene	13.756	128	384046	53.058	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	112747	50.990	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
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Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

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\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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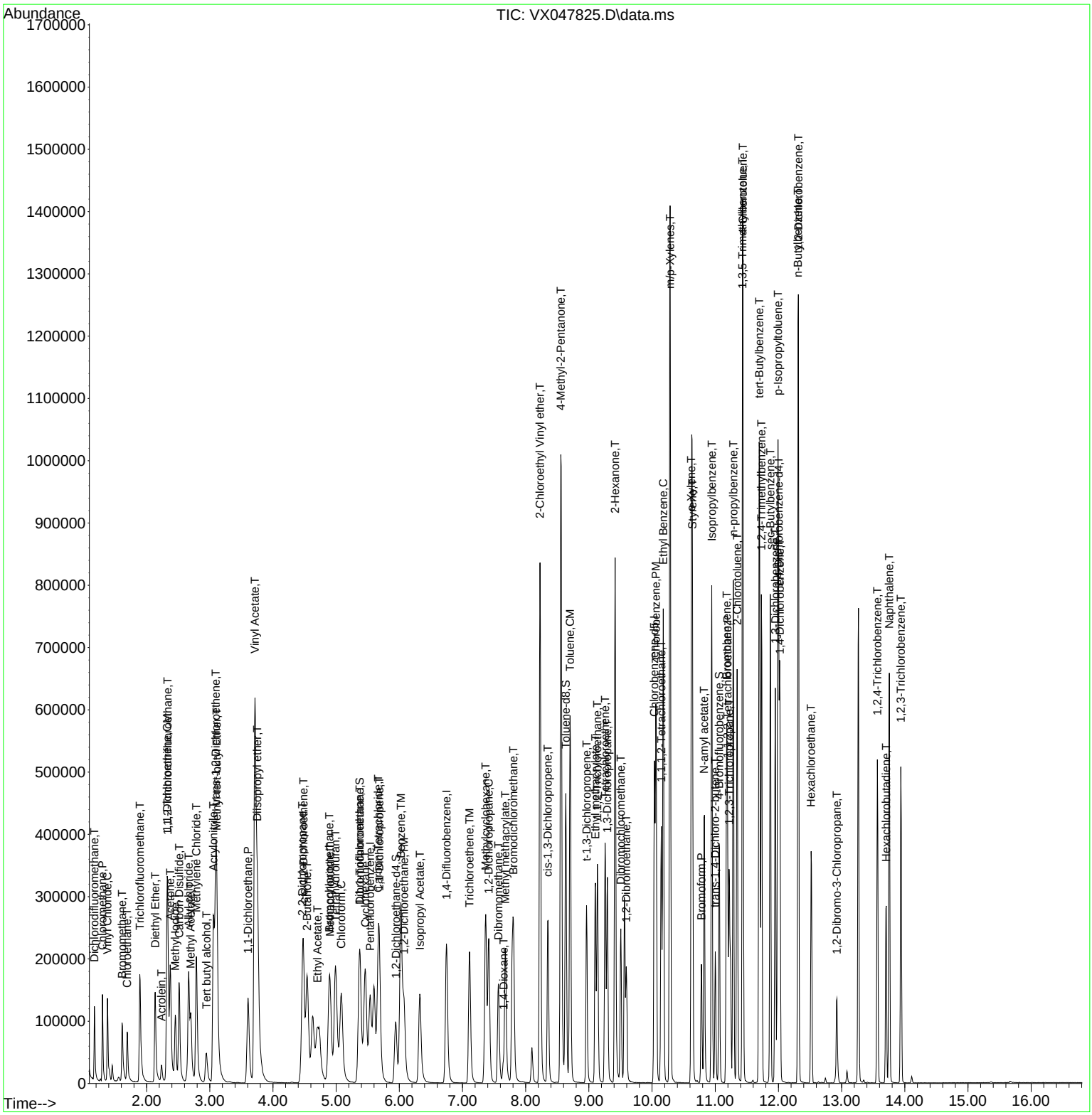
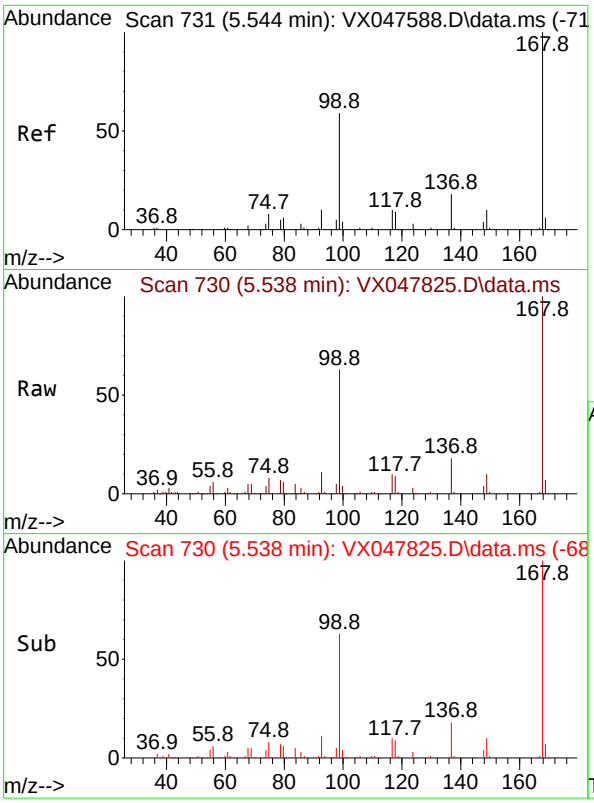
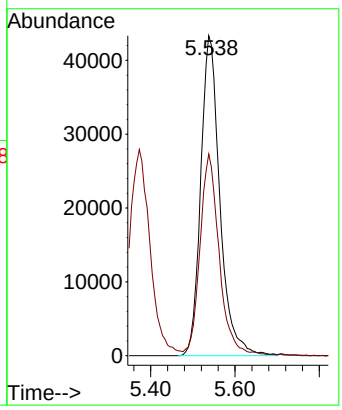




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:168 Resp: 13698

Ion	Ratio	Lower	Upper
168	100		
99	62.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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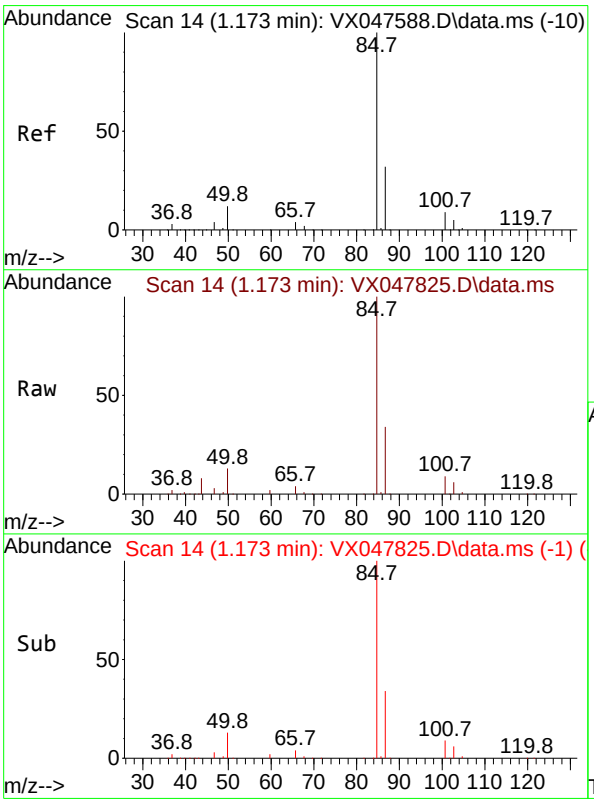
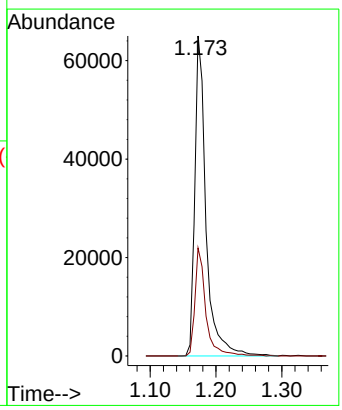
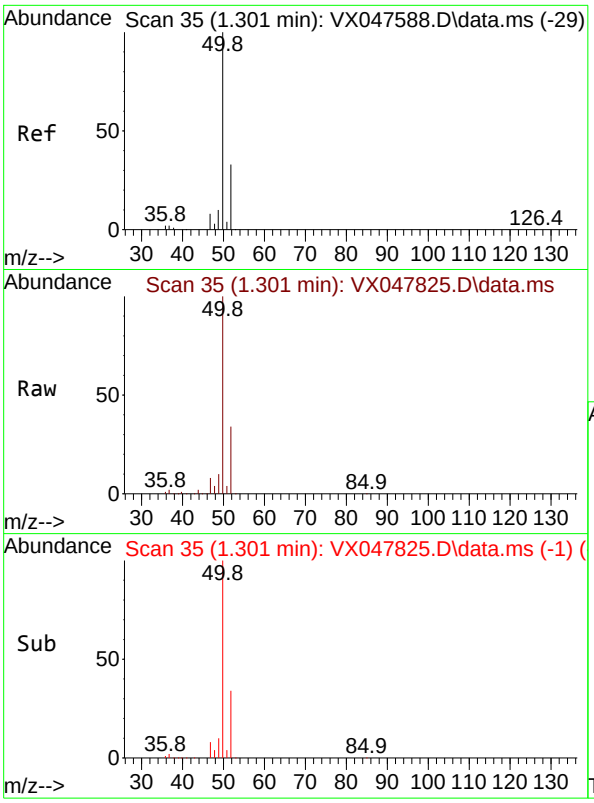


#2
Dichlorodifluoromethane
Concen: 54.474 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 85 Resp: 77272

Ion	Ratio	Lower	Upper
85	100		
87	33.7	15.8	47.3





#3
Chloromethane
Concen: 50.219 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 50 Resp: 9362

Ion	Ratio	Lower	Upper
50	100		
52	33.6	26.1	39.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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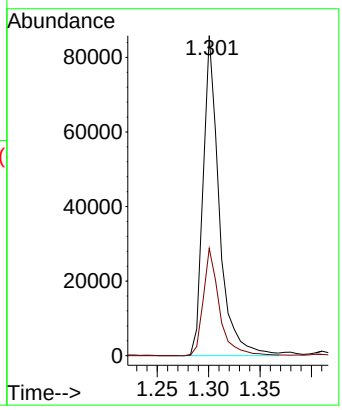
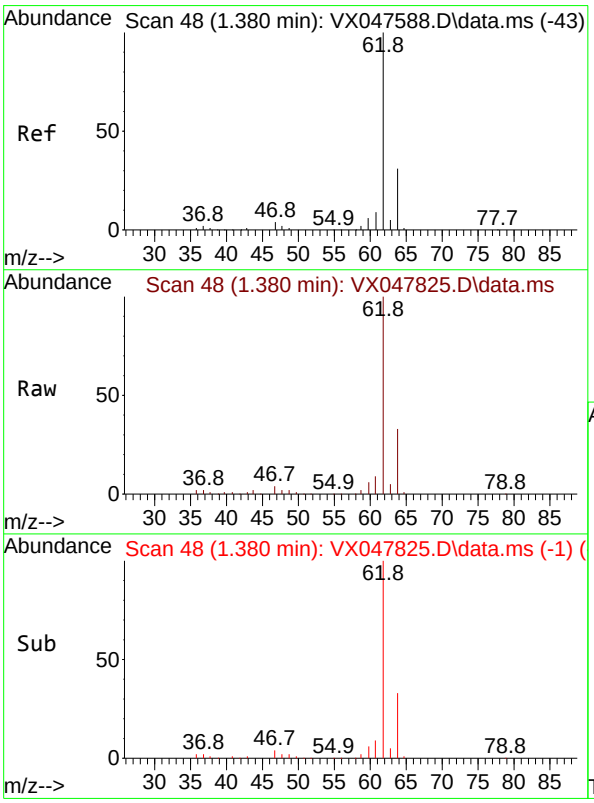
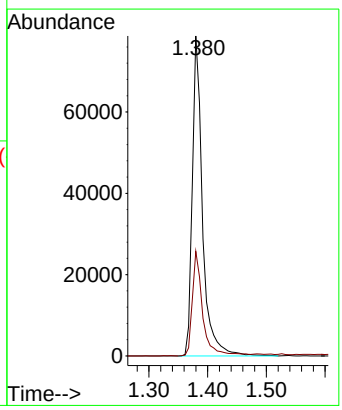


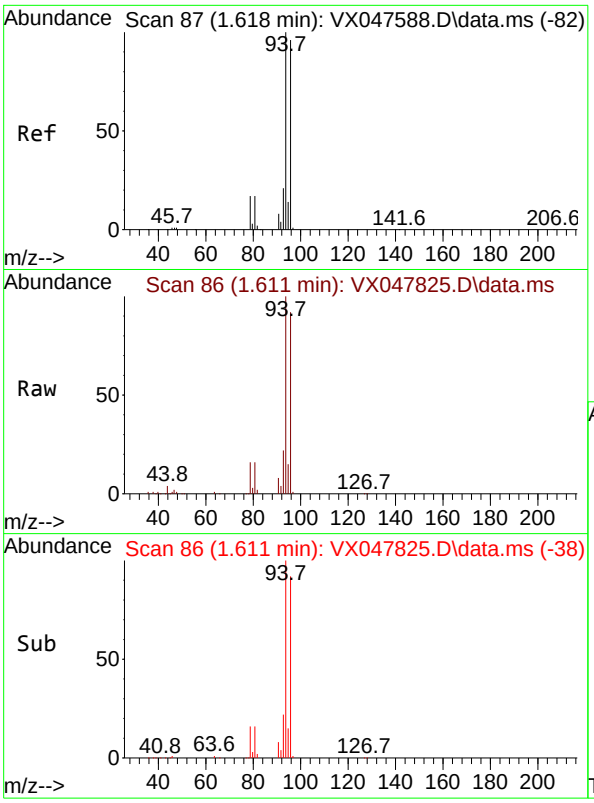


#4
Vinyl Chloride
Concen: 51.949 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 62 Resp: 94805

Ion	Ratio	Lower	Upper
62	100		
64	32.7	24.9	37.3

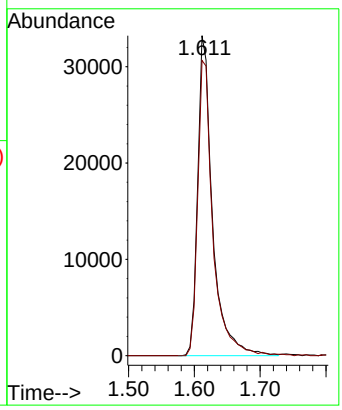




#5
Bromomethane
Concen: 45.135 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 94 Resp: 5223

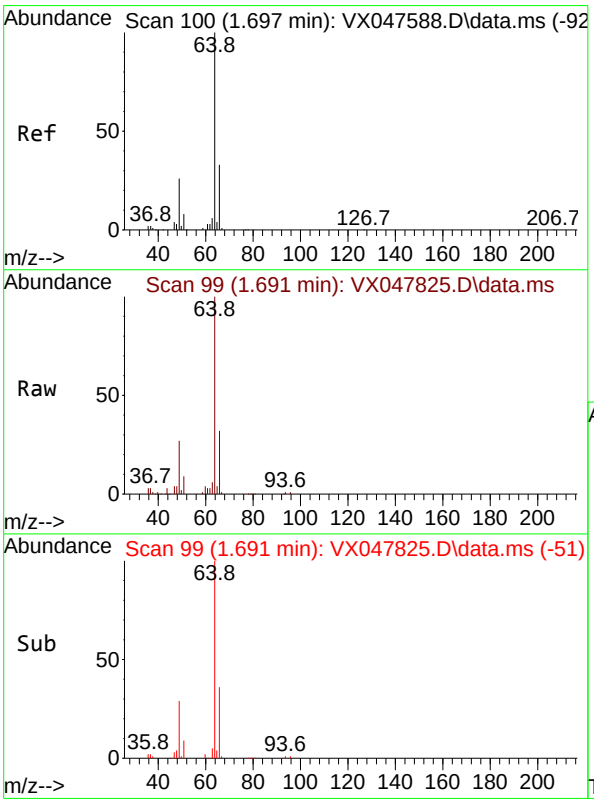
Ion	Ratio	Lower	Upper
94	100		
96	92.2	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

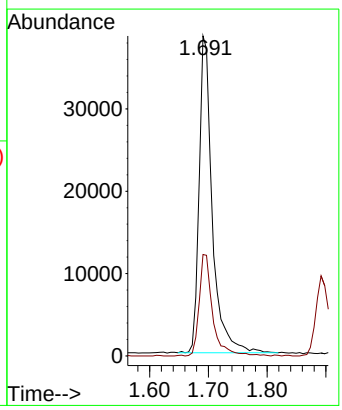
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

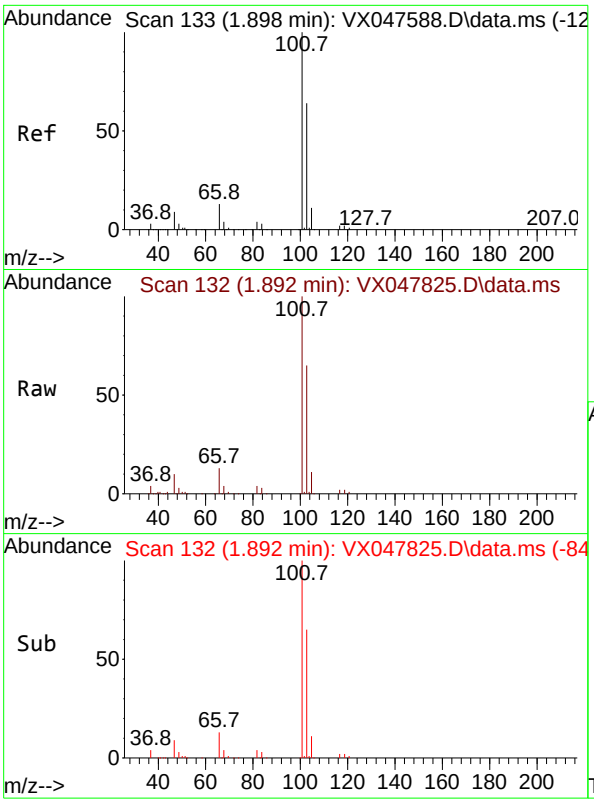


#6
Chloroethane
Concen: 49.094 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 64 Resp: 59882

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1





#7
Trichlorofluoromethane
Concen: 49.757 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:101 Resp: 13482

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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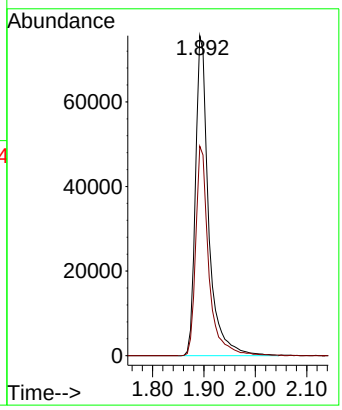
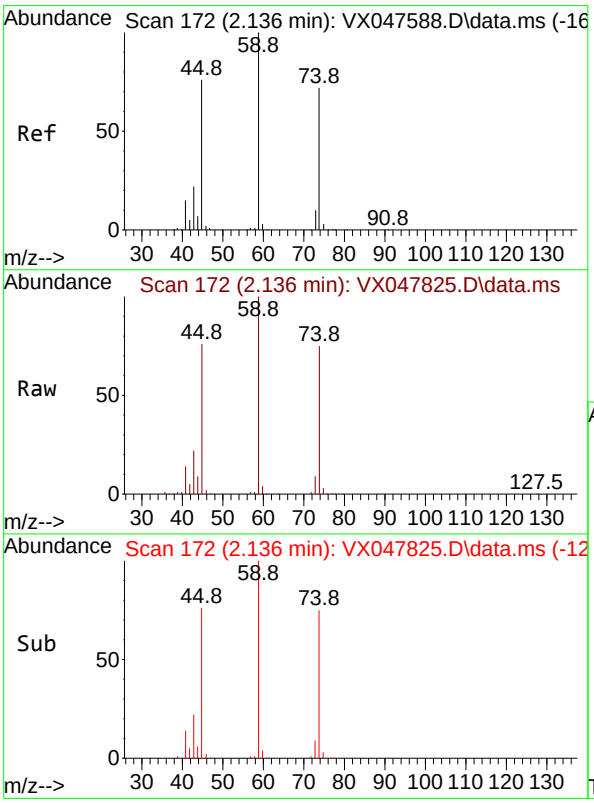
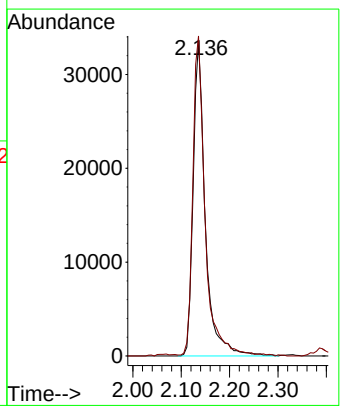


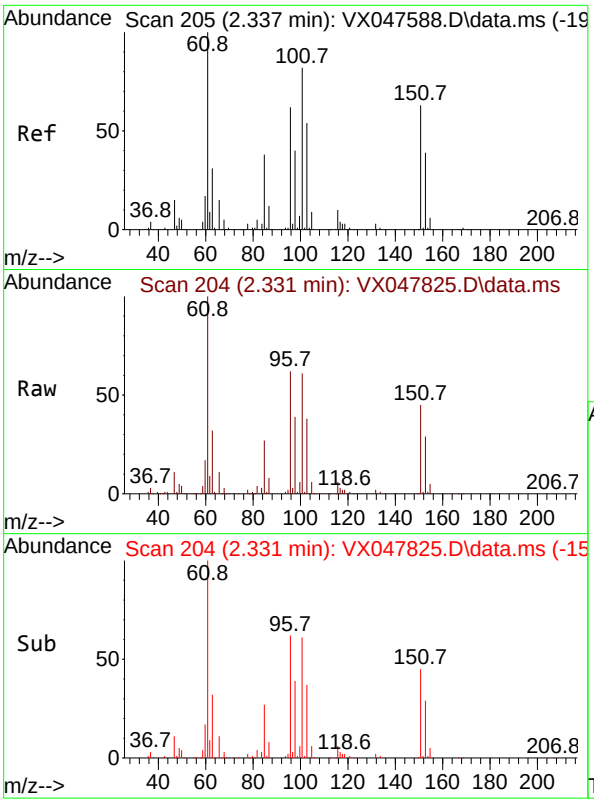


#8
Diethyl Ether
Concen: 52.582 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 74 Resp: 58285

Ion	Ratio	Lower	Upper
74	100		
45	103.4	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.545 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:101 Resp: 7850

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.5	53.3
151	74.3	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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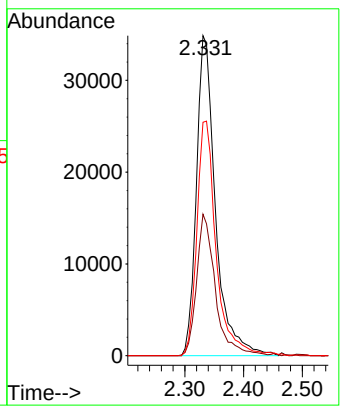
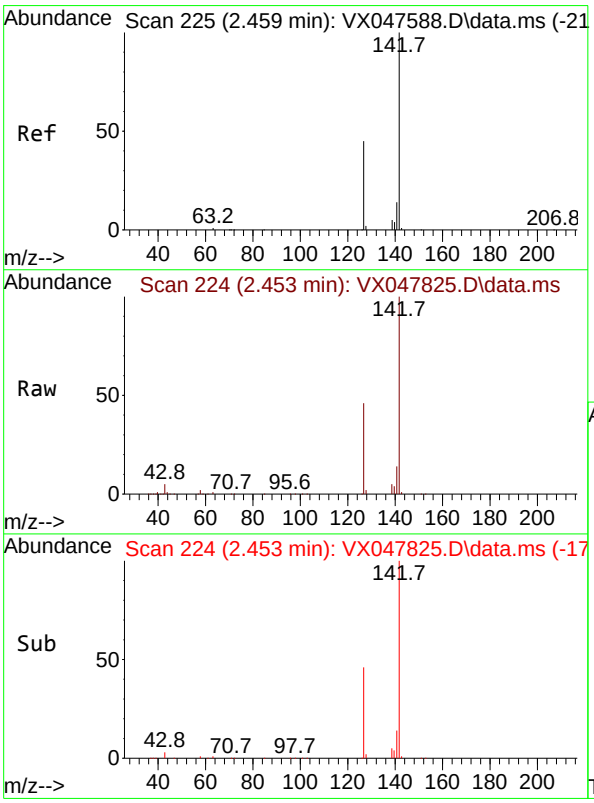
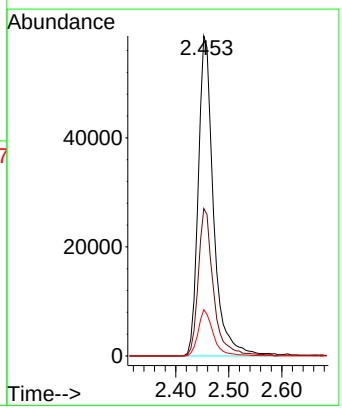


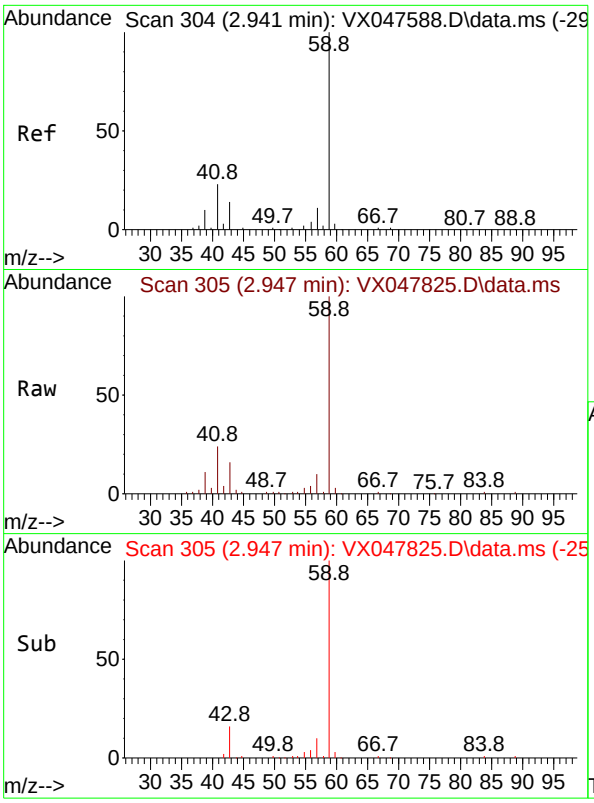


#10
Methyl Iodide
Concen: 47.415 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:142 Resp: 117167

Ion	Ratio	Lower	Upper
142	100		
127	45.8	37.2	55.8
141	14.2	11.4	17.0

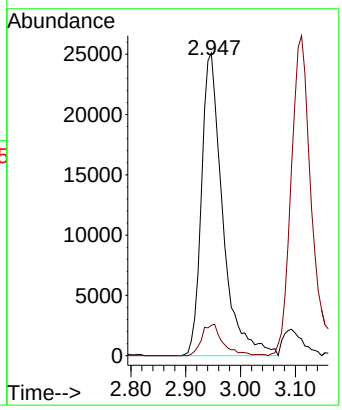




#11
Tert butyl alcohol
Concen: 277.144 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 59 Resp: 6730

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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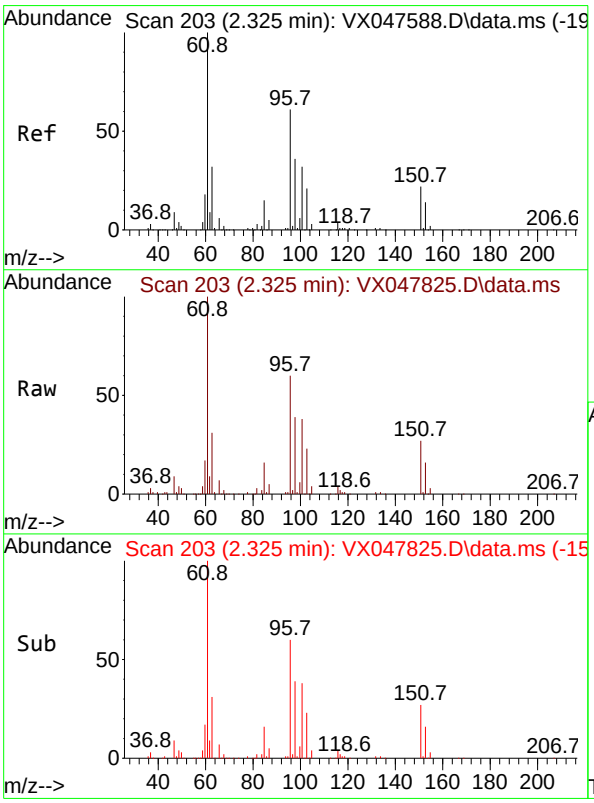
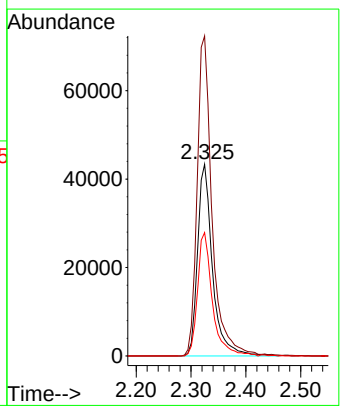
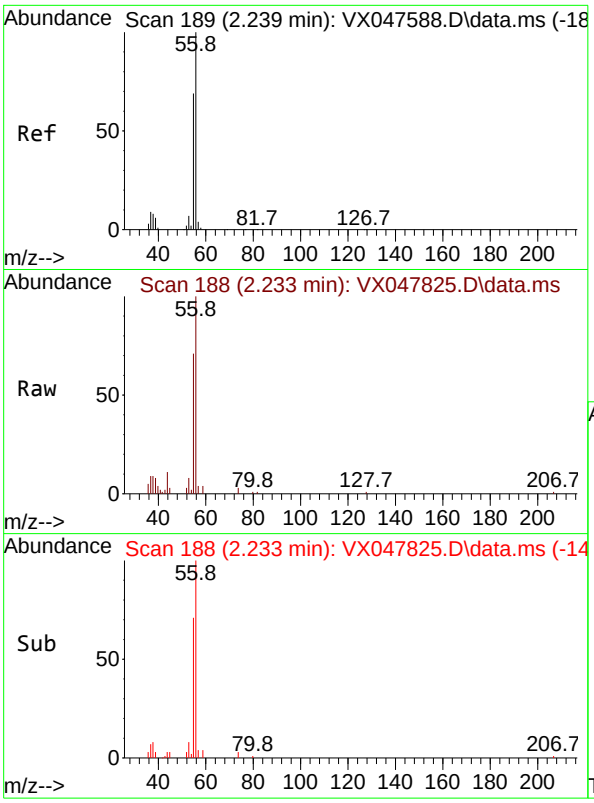


#12
1,1-Dichloroethene
Concen: 50.589 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 96 Resp: 82336

Ion	Ratio	Lower	Upper
96	100		
61	167.0	131.0	196.6
98	66.2	47.7	71.5





#13
Acrolein
Concen: 101.247 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 56 Resp: 2265

Ion	Ratio	Lower	Upper
56	100		
55	70.7	57.2	85.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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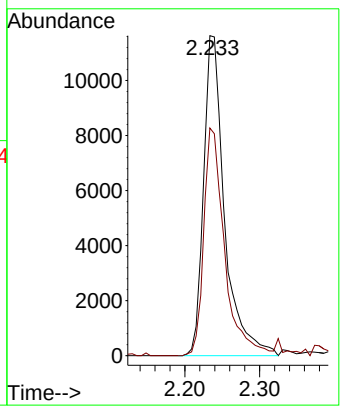
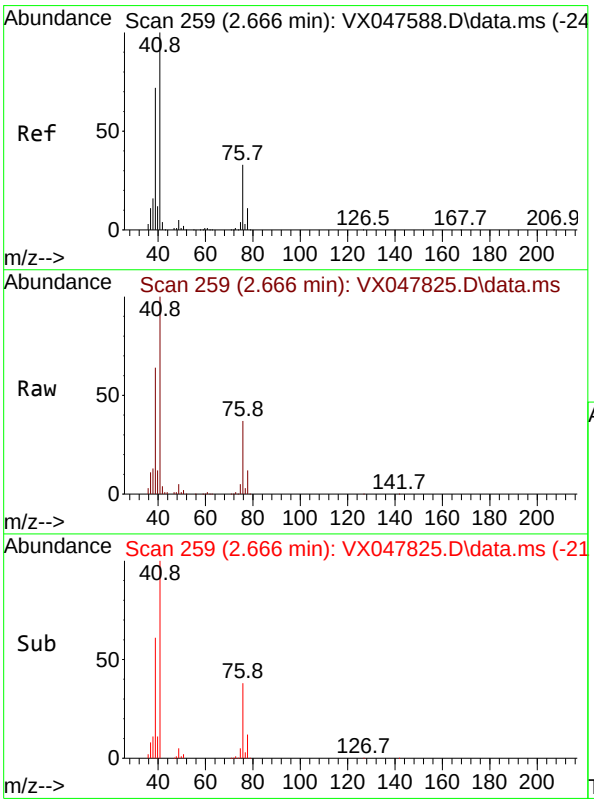
Supervised By :Mahesh Dadoda 09/29/2025

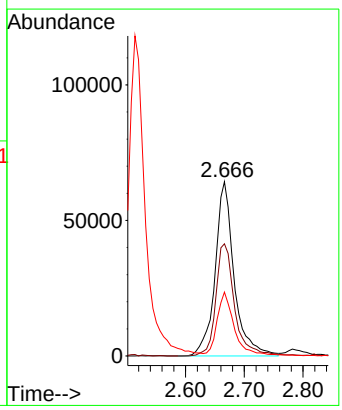


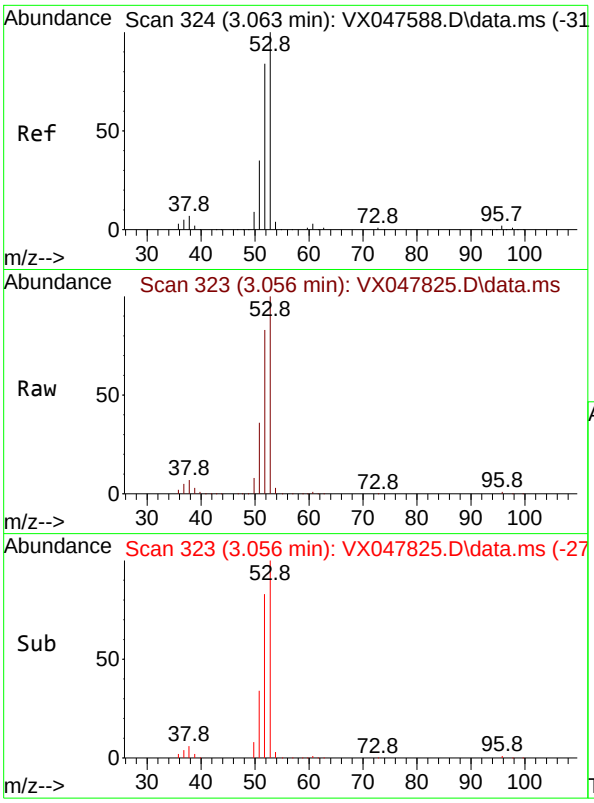


#14
Allyl chloride
Concen: 43.166 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 41 Resp: 144973

Ion	Ratio	Lower	Upper
41	100		
39	63.8	54.7	82.1
76	33.2	25.7	38.5

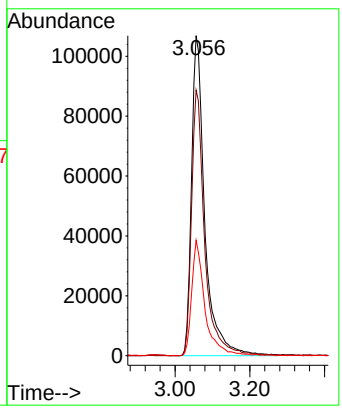




#15
Acrylonitrile
Concen: 293.710 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 53 Resp: 26420

Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.4	99.6
51	35.9	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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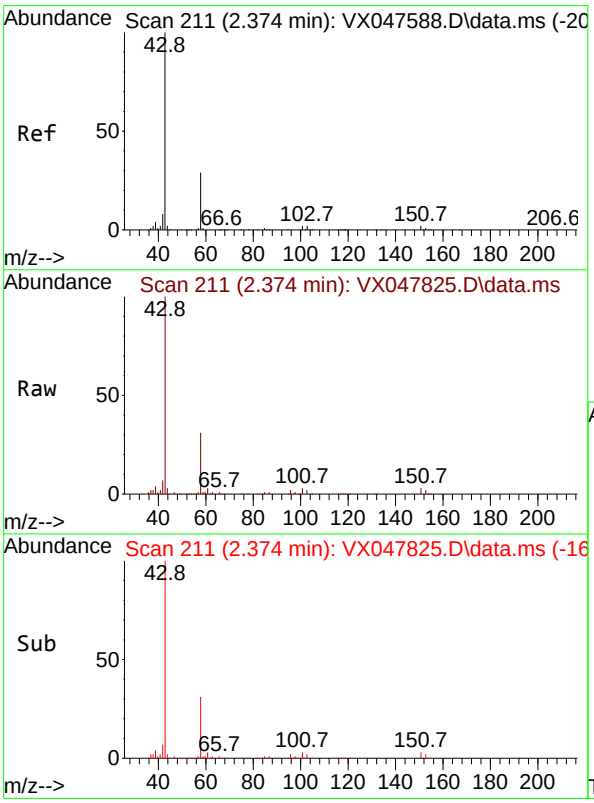
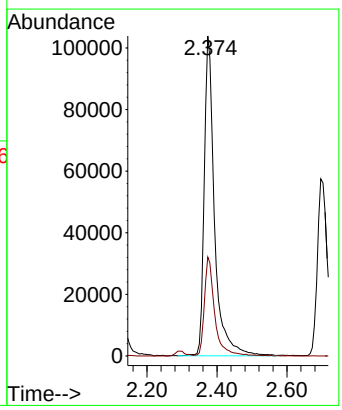
Supervised By :Mahesh Dadoda 09/29/2025

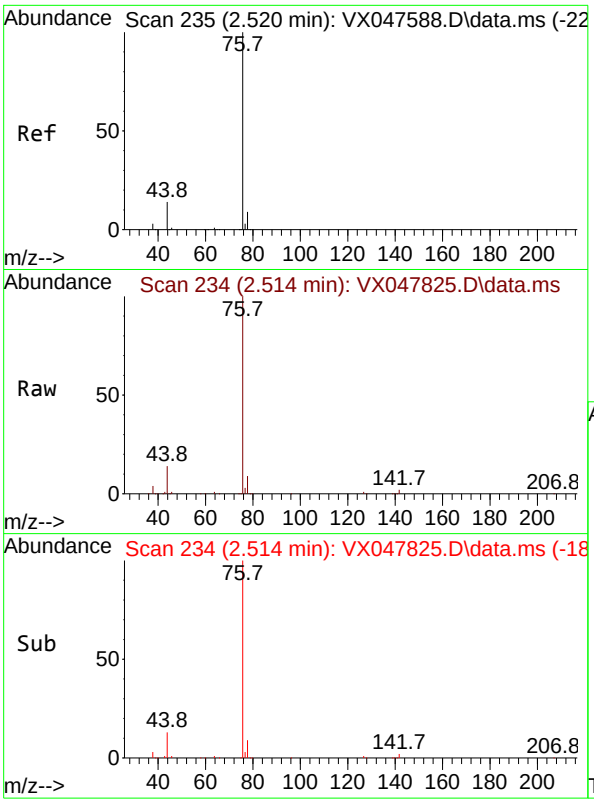


#16
Acetone
Concen: 224.469 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 43 Resp: 212815

Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.4	35.0





#17
Carbon Disulfide
Concen: 51.674 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 76 Resp: 23023

Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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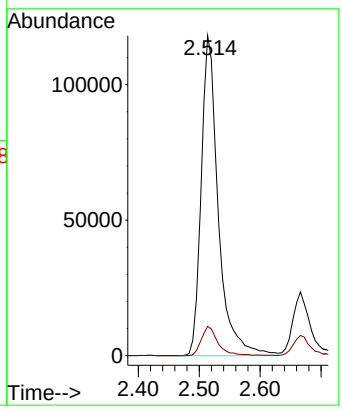
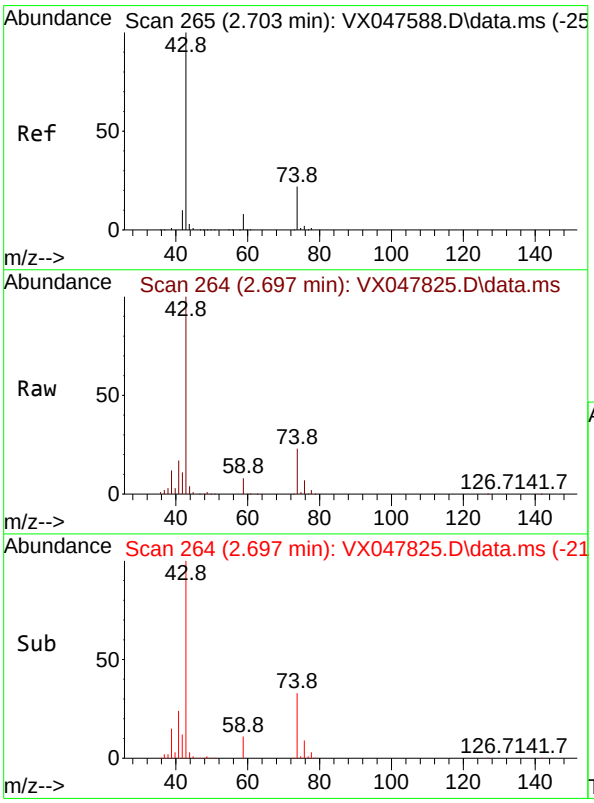
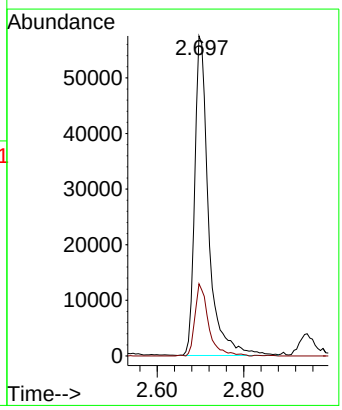


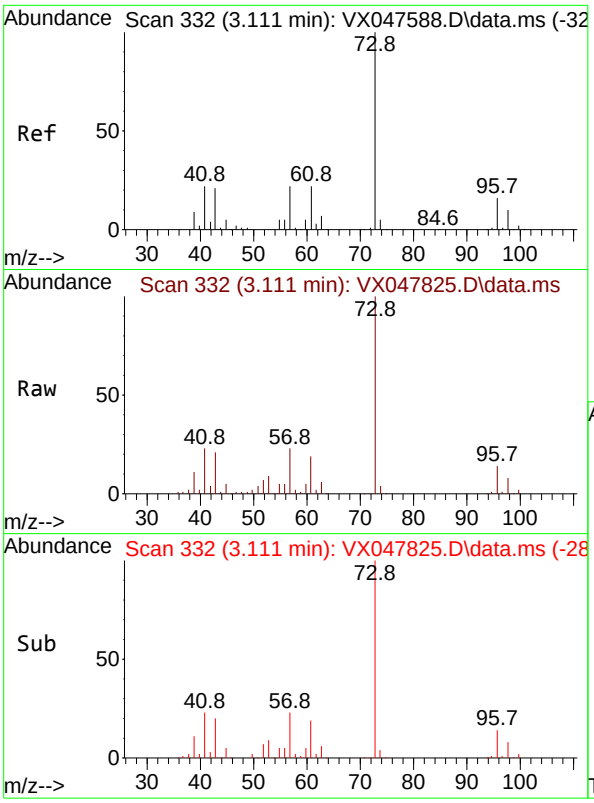


#18
Methyl Acetate
Concen: 60.675 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 43 Resp: 128022

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2





#19
Methyl tert-butyl Ether
Concen: 51.945 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 73 Resp: 30862

Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.4	26.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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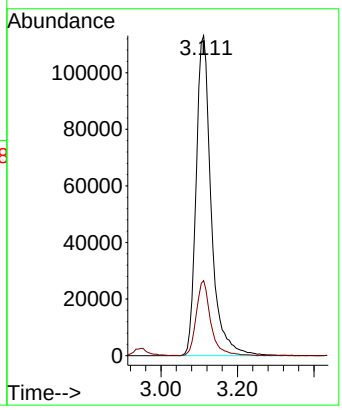
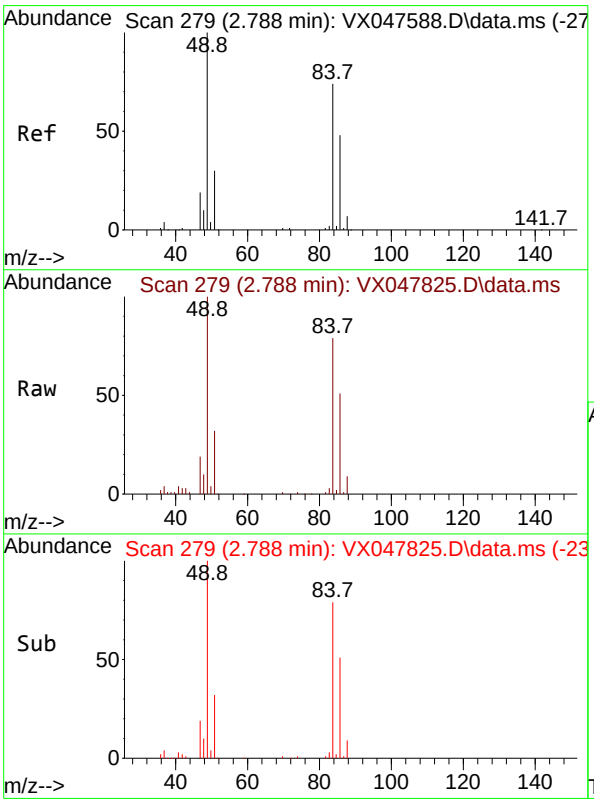
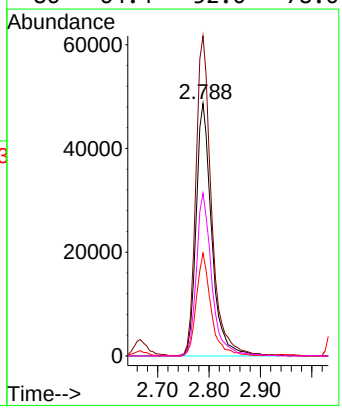


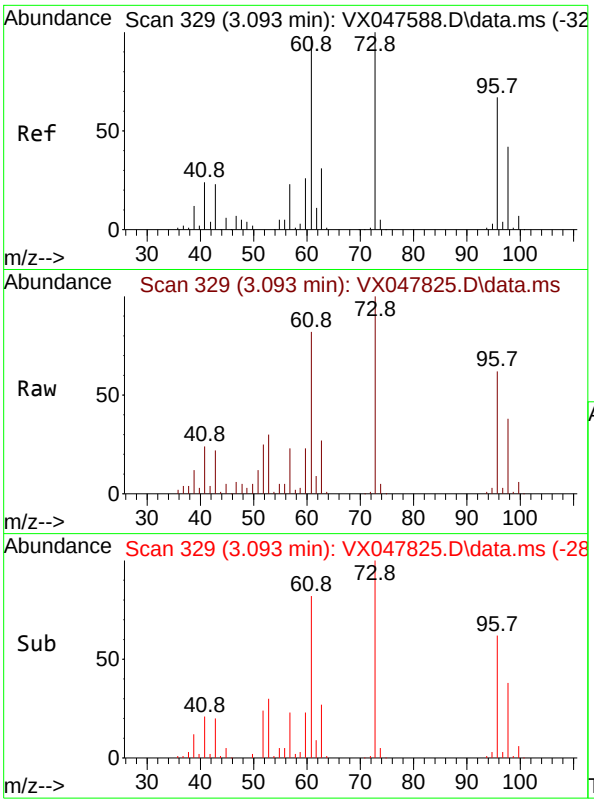


#20
Methylene Chloride
Concen: 51.139 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 84 Resp: 102627

Ion	Ratio	Lower	Upper
84	100		
49	126.5	108.6	162.8
51	40.7	32.6	48.8
86	64.4	52.0	78.0

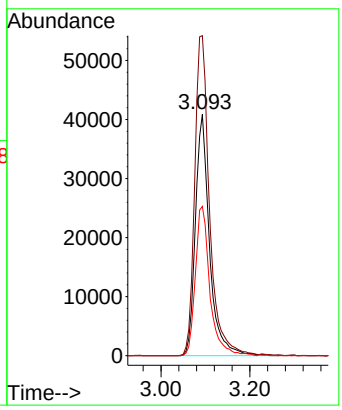




#21
trans-1,2-Dichloroethene
Concen: 51.561 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 96 Resp: 9034

Ion	Ratio	Lower	Upper
96	100		
61	132.6	116.2	174.2
98	61.8	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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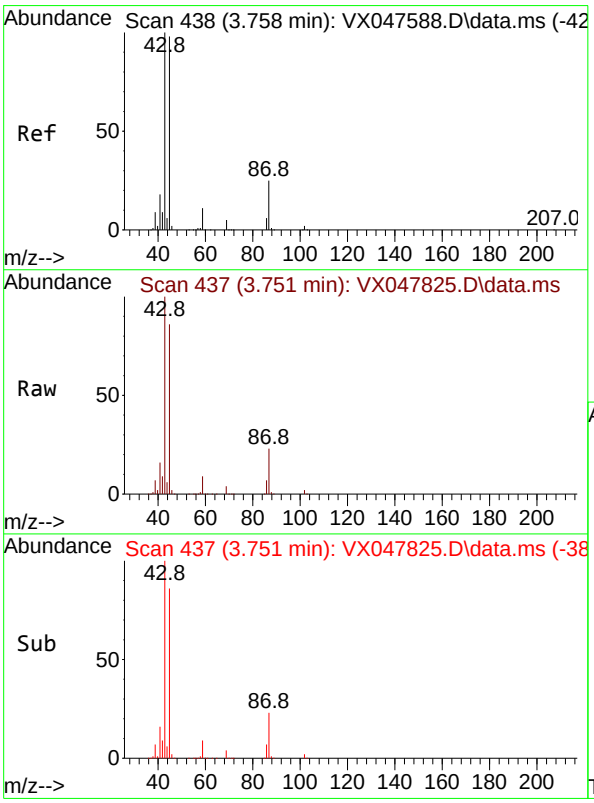
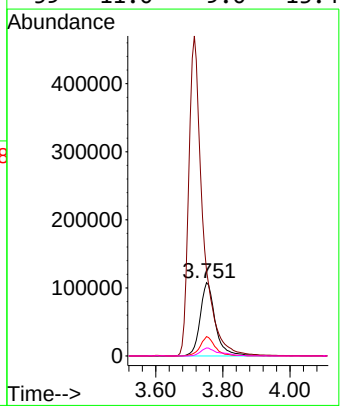
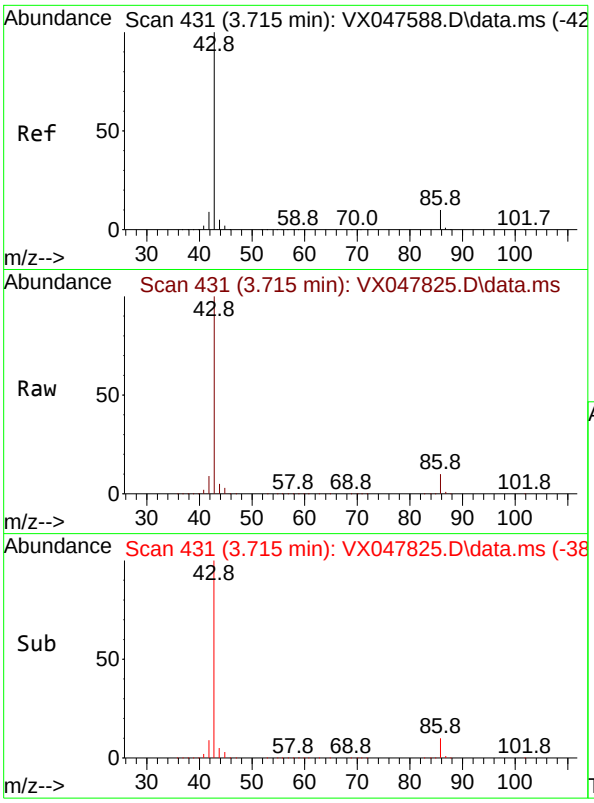


#22
Diisopropyl ether
Concen: 51.970 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 45 Resp: 338264

Ion	Ratio	Lower	Upper
45	100		
43	116.0	81.0	121.4
87	26.3	20.3	30.5
59	11.0	9.0	13.4





#23
Vinyl Acetate
Concen: 264.363 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 43 Resp: 137715

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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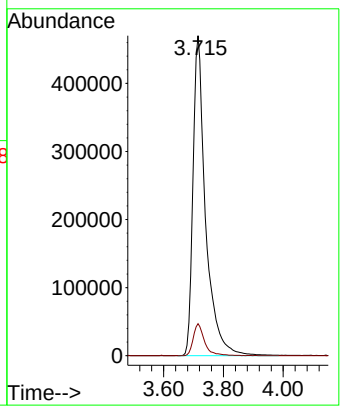
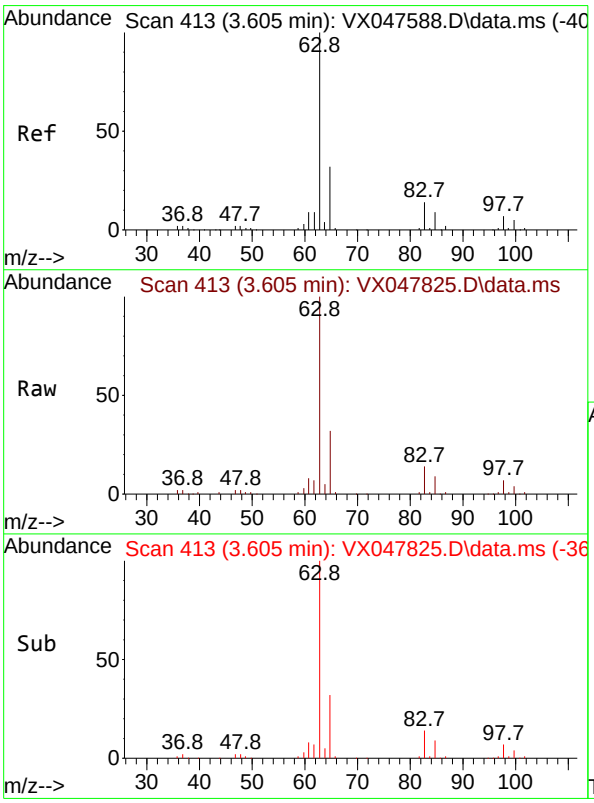
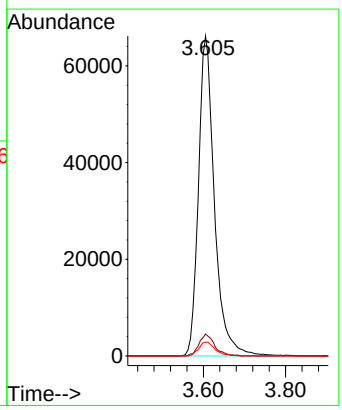


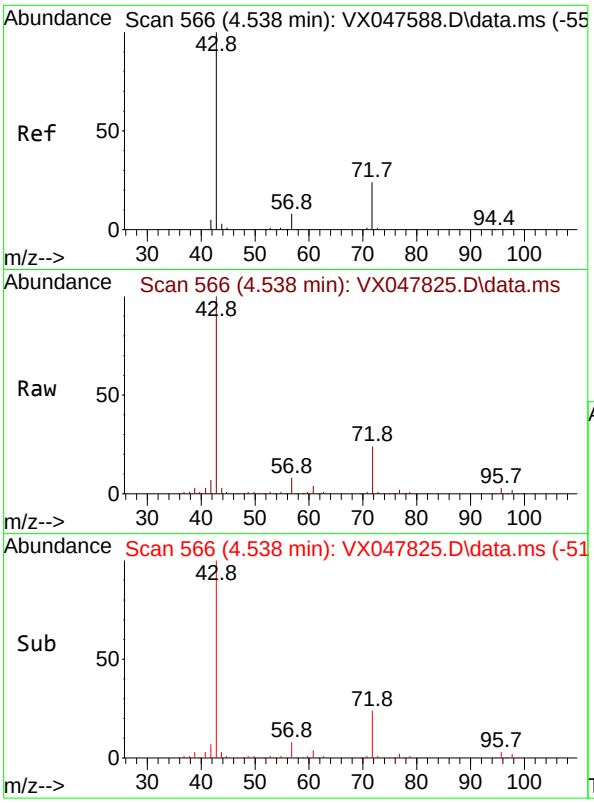


#24
1,1-Dichloroethane
Concen: 51.567 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 63 Resp: 178398

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.2
100	4.2	2.3	6.9





#25
2-Butanone
Concen: 273.980 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 43 Resp: 32401

Ion	Ratio	Lower	Upper
43	100		
72	23.9	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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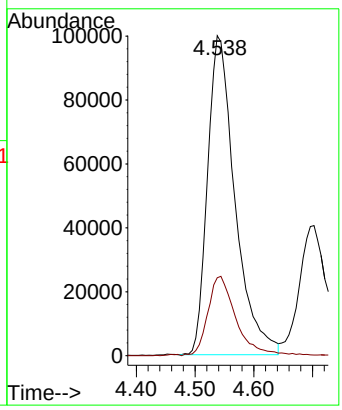
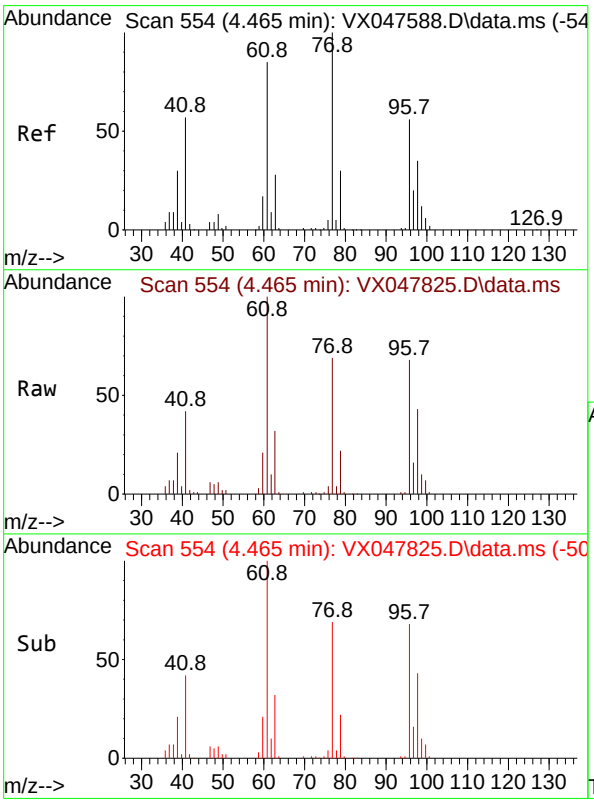
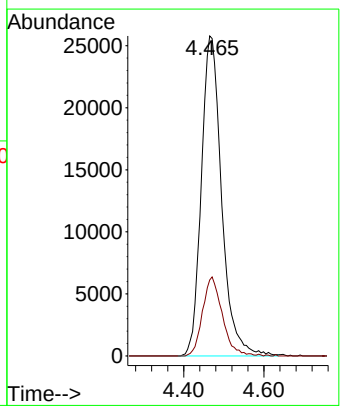


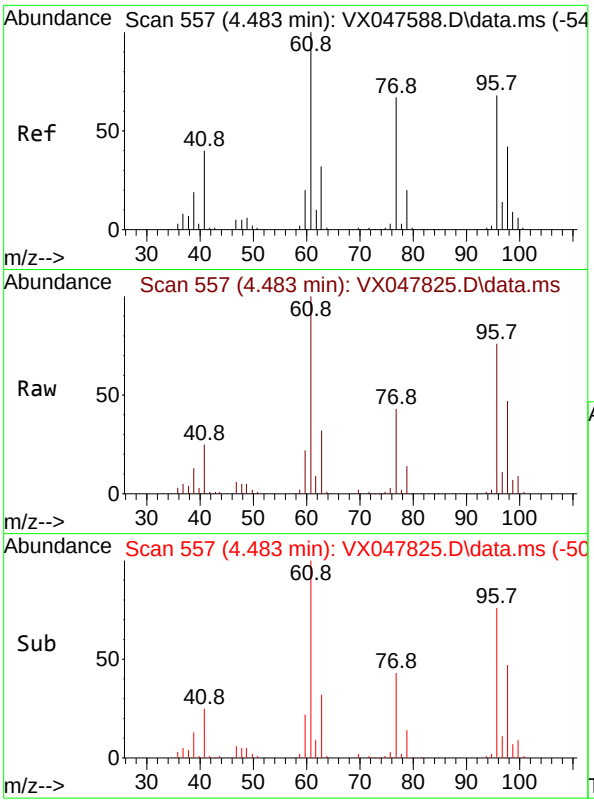


#26
2,2-Dichloropropane
Concen: 31.514 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 77 Resp: 90626

Ion	Ratio	Lower	Upper
77	100		
97	24.0	10.9	32.7





#27
cis-1,2-Dichloroethene
Concen: 51.445 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 96 Resp: 11039

Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	303.2
98	65.0	0.0	127.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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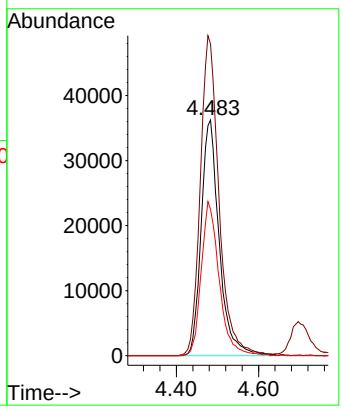
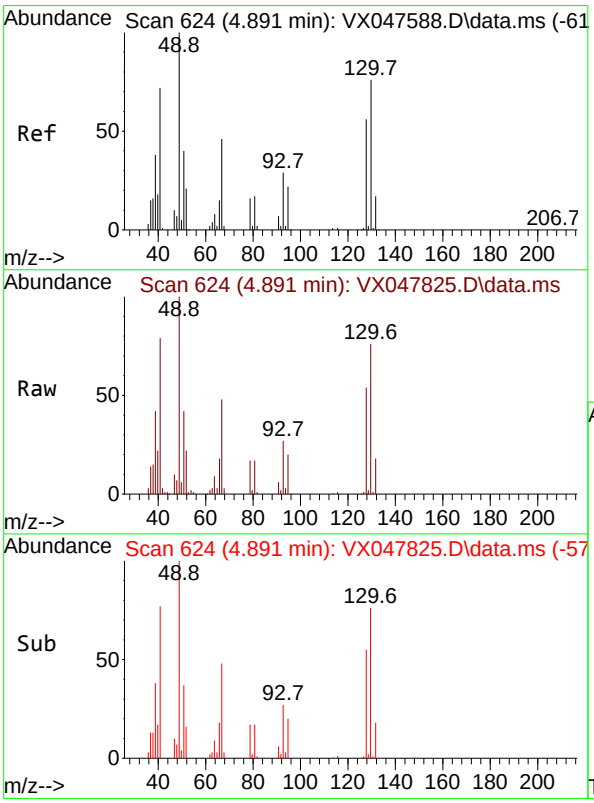
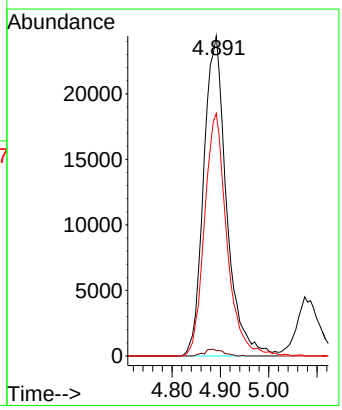


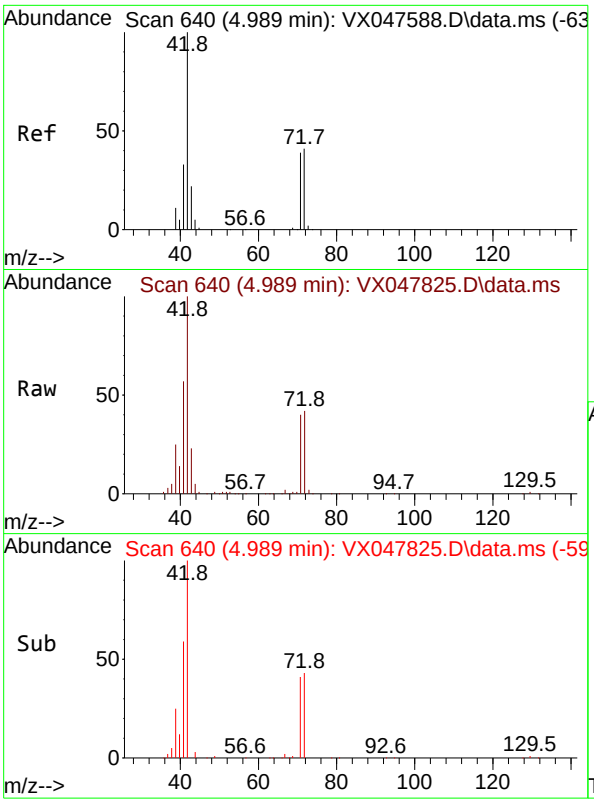


#28
Bromochloromethane
Concen: 53.101 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 49 Resp: 80199

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	74.1	57.8	86.8





#29
Tetrahydrofuran
Concen: 289.521 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 42 Resp: 20597

Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.2	51.2
71	40.5	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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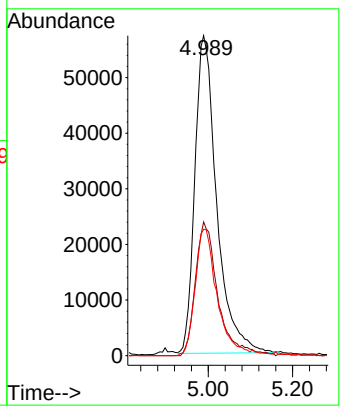
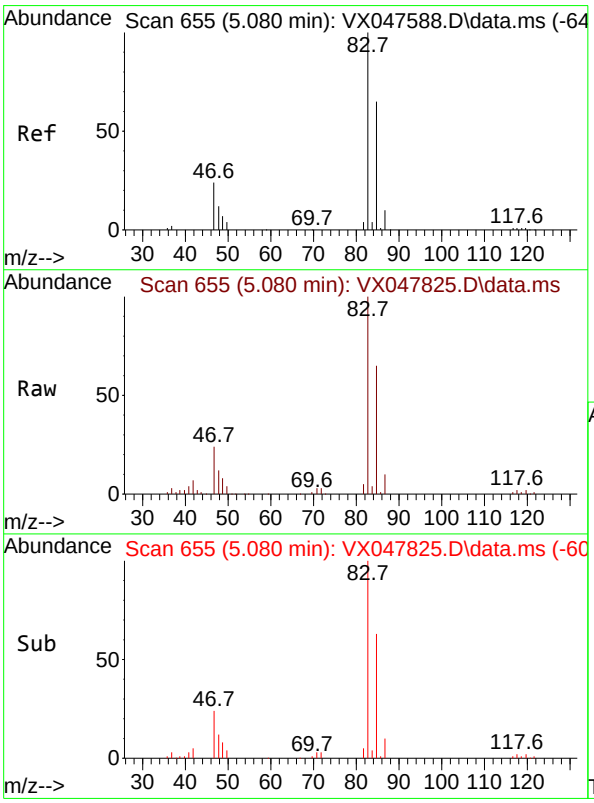
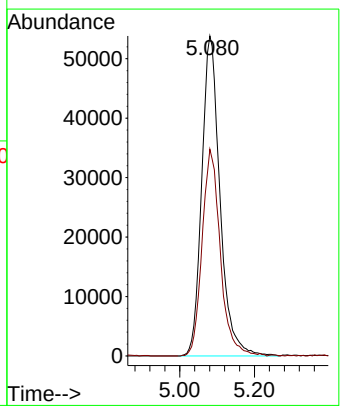


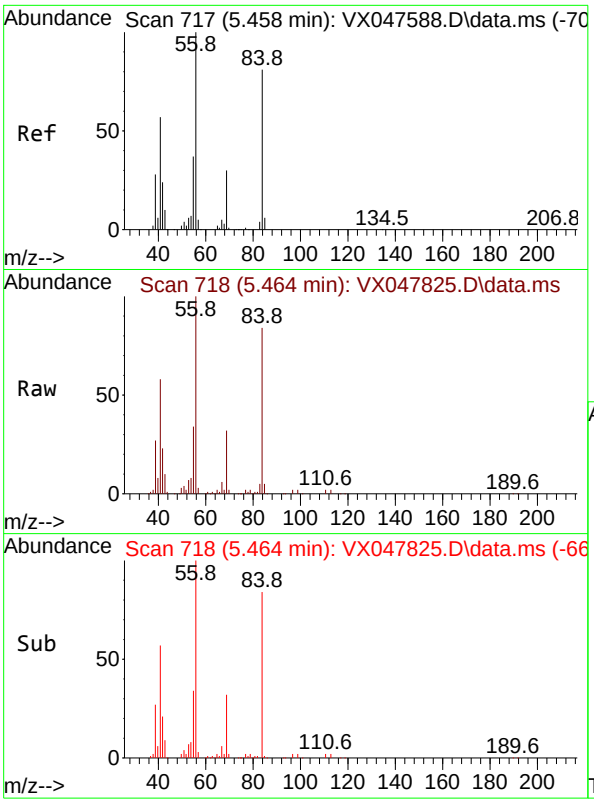


#30
Chloroform
Concen: 52.160 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 83 Resp: 182347

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6

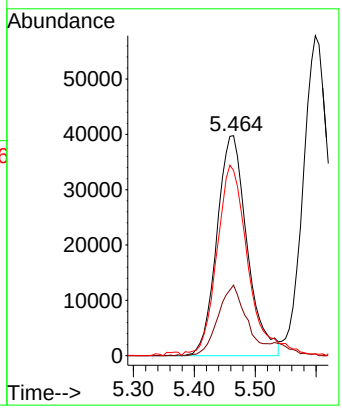




#31
Cyclohexane
Concen: 47.524 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 56 Resp: 13693

Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.8	35.8
84	82.6	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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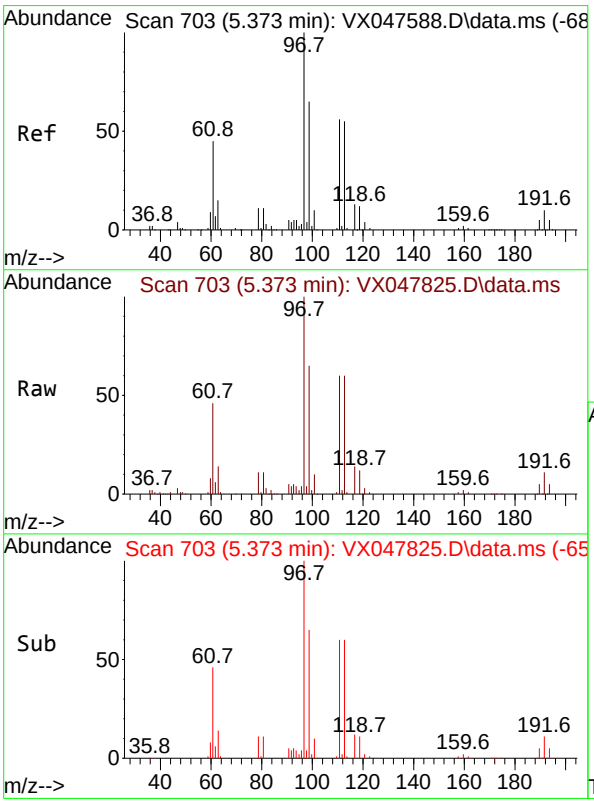
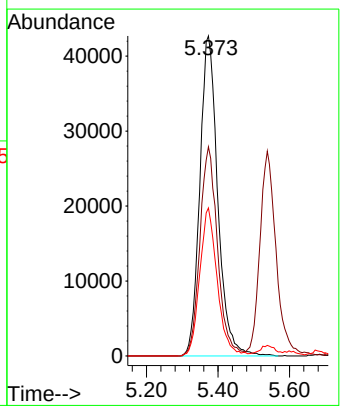
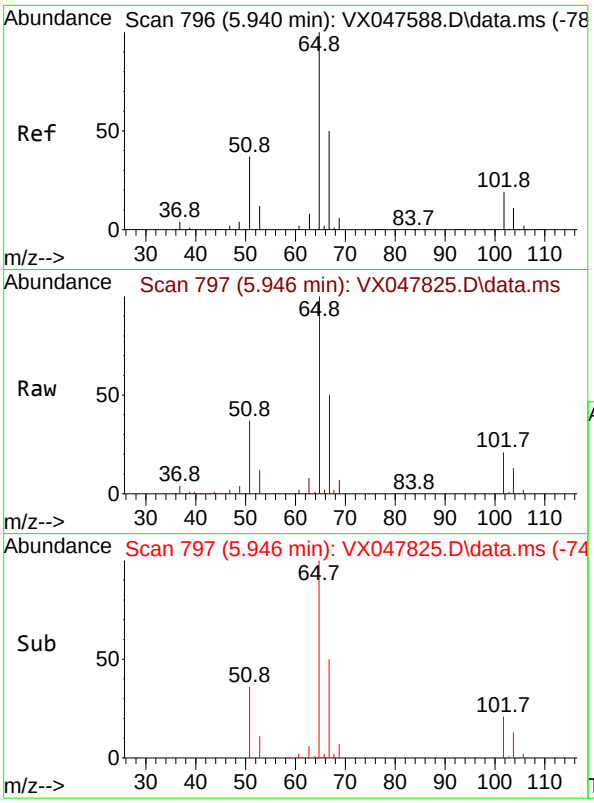


#32
1,1,1-Trichloroethane
Concen: 50.074 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 97 Resp: 148485

Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.6	76.0
61	45.3	35.8	53.8





#33
1,2-Dichloroethane-d4
Concen: 48.334 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 65 Resp: 10539

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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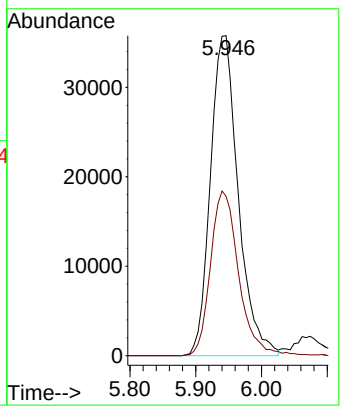
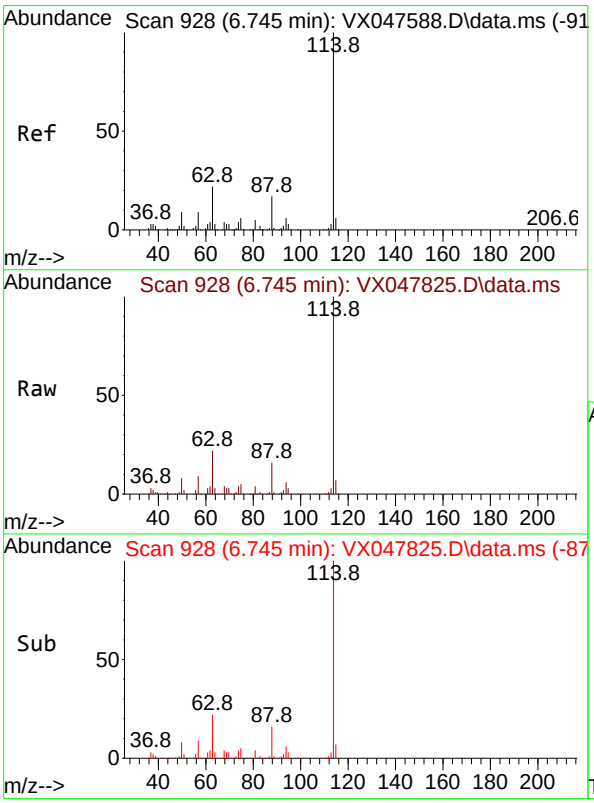
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

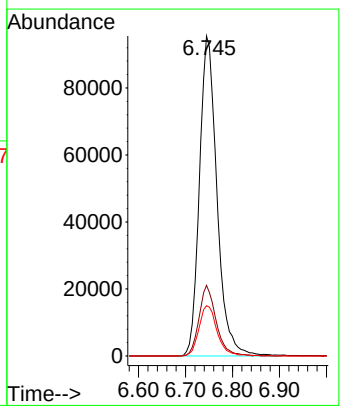


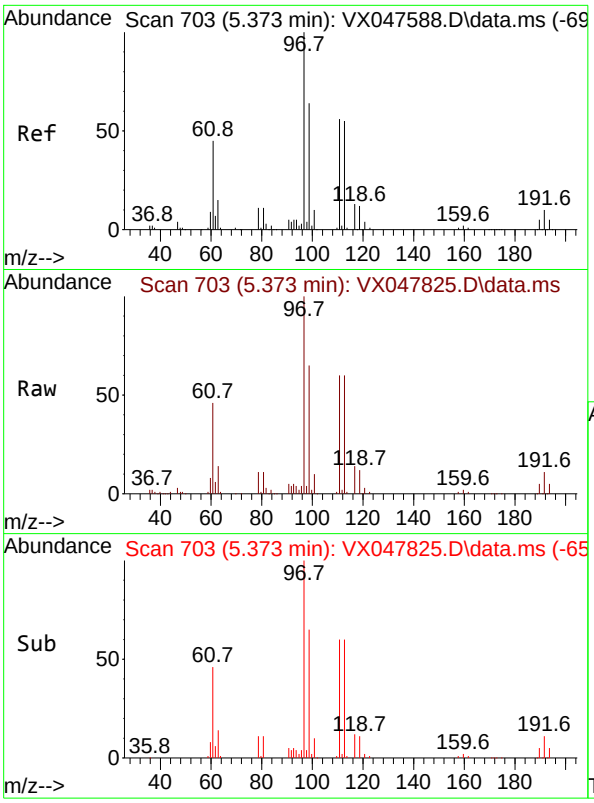


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:114 Resp: 247384

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	15.7	0.0	34.2

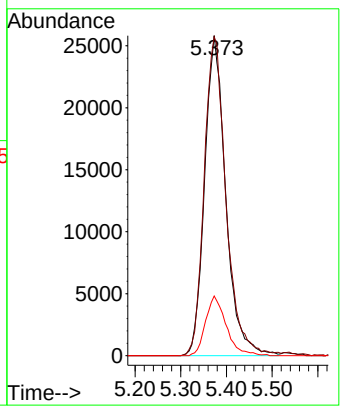




#35
Dibromofluoromethane
Concen: 49.958 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:113 Resp: 8288

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.9	121.3
192	18.3	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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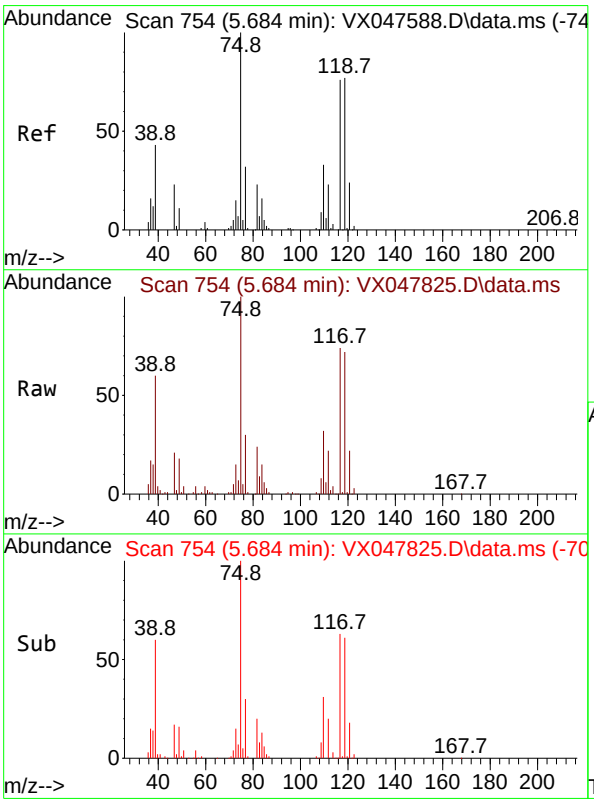
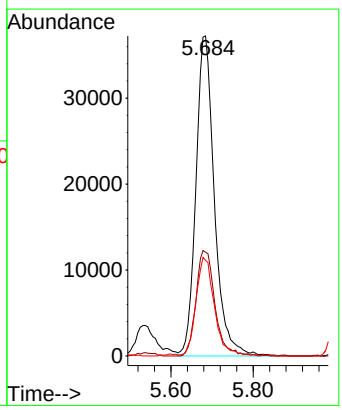
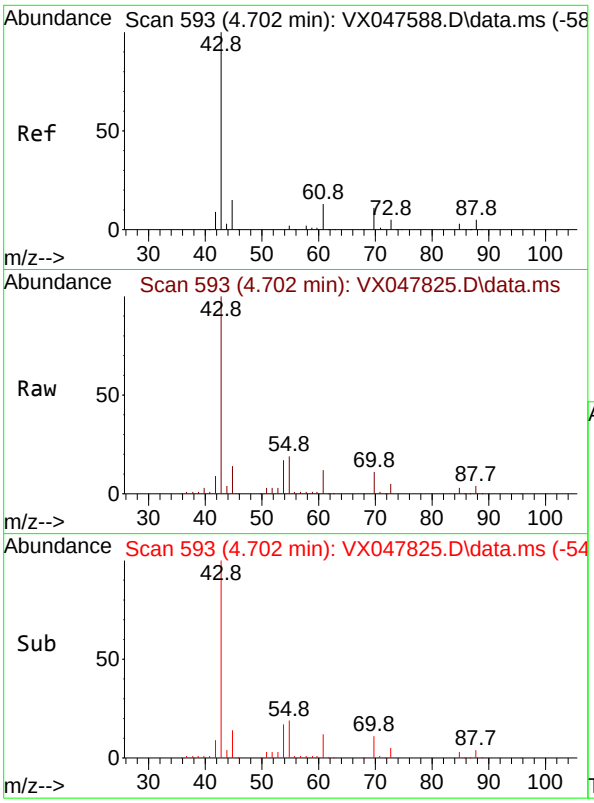


#36
1,1-Dichloropropene
Concen: 48.012 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 75 Resp: 116396

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.7	50.1
77	30.7	24.3	36.5





#37
Ethyl Acetate
Concen: 56.365 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 43 Resp: 14631

Ion	Ratio	Lower	Upper
43	100		
61	11.1	9.8	14.8
70	9.6	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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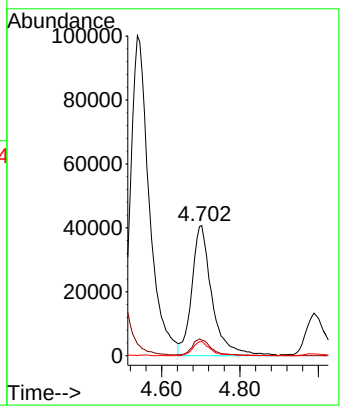
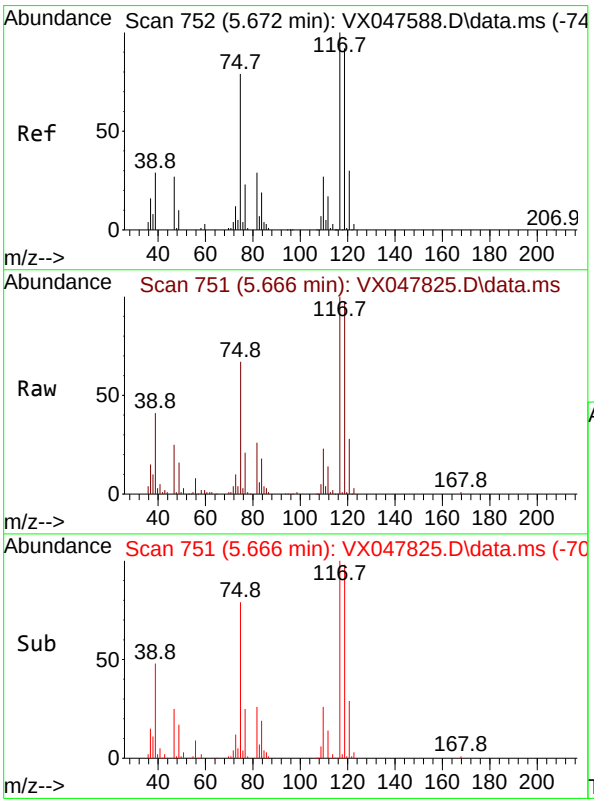
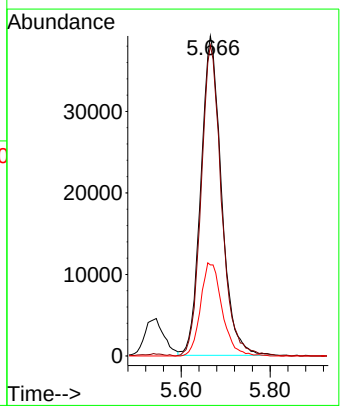


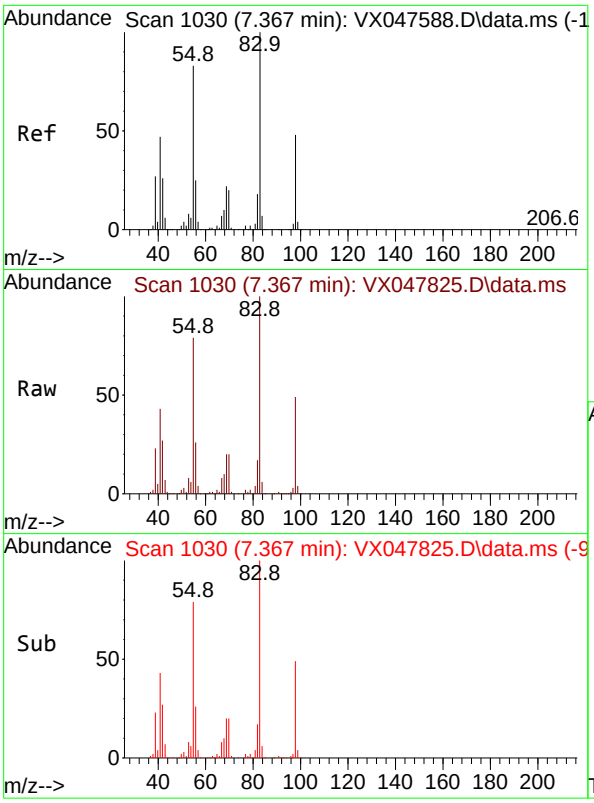


#38
Carbon Tetrachloride
Concen: 48.132 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:117 Resp: 126782

Ion	Ratio	Lower	Upper
117	100		
119	97.1	73.4	110.2
121	28.5	23.8	35.6





#39
Methylcyclohexane
Concen: 46.798 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 83 Resp: 12878

Ion	Ratio	Lower	Upper
83	100		
55	79.0	66.4	99.6
98	49.5	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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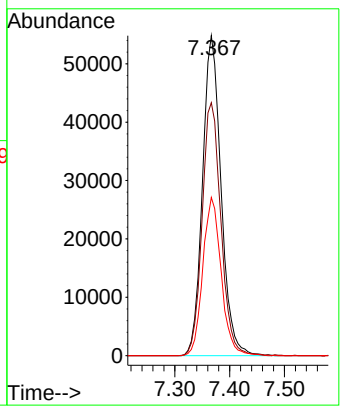
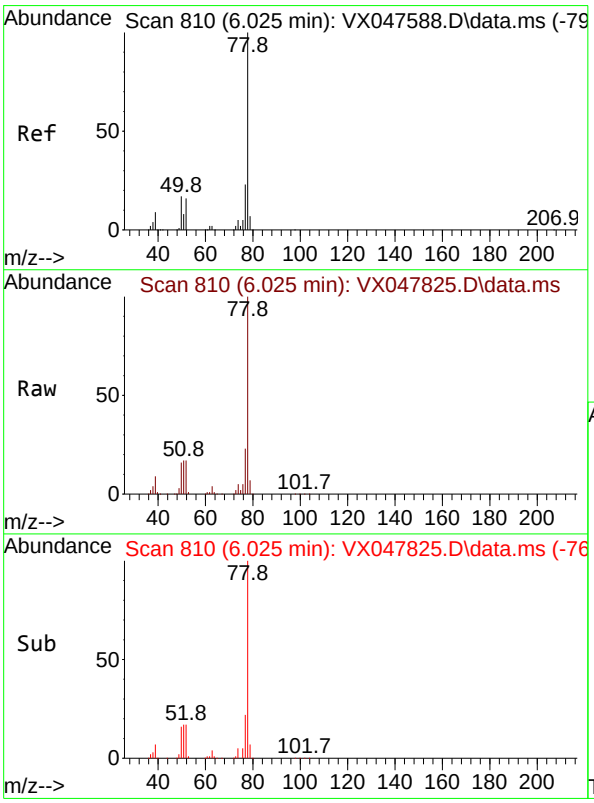
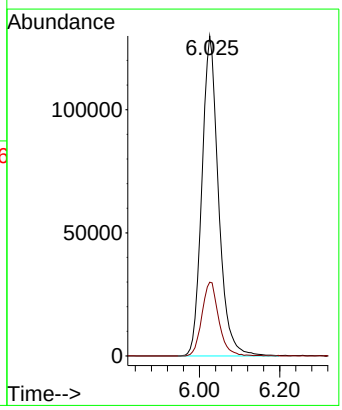


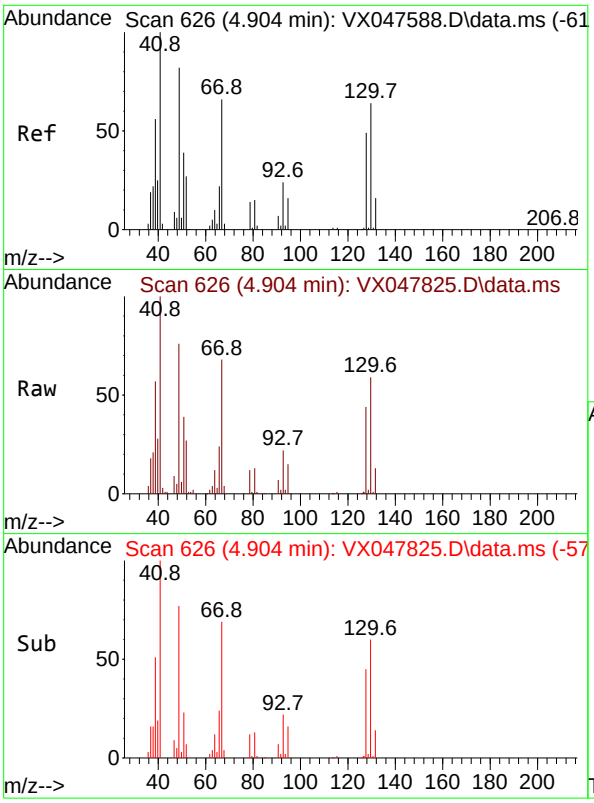


#40
Benzene
Concen: 50.755 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 78 Resp: 373725

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2

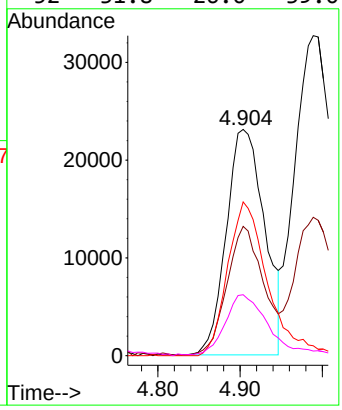




#41
Methacrylonitrile
Concen: 55.861 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 41 Resp: 7485

Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.3	64.9
67	72.4	58.6	87.8
52	31.8	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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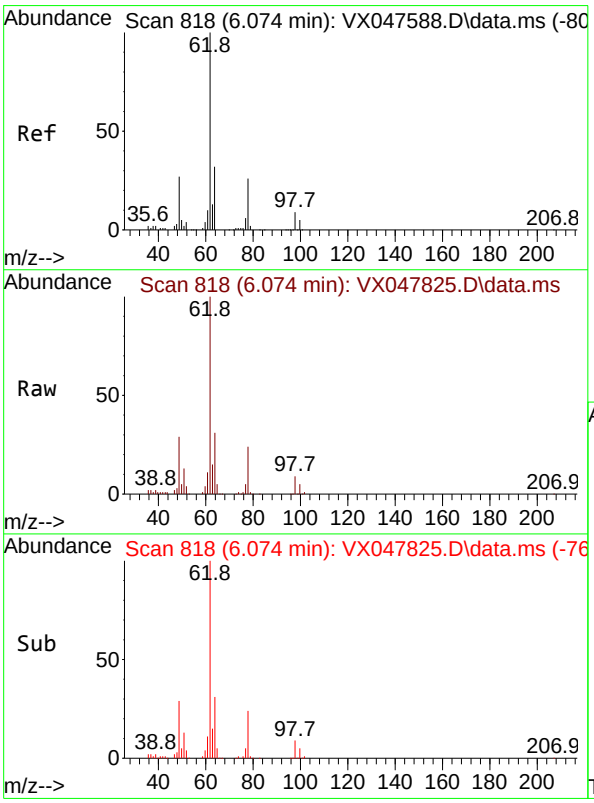
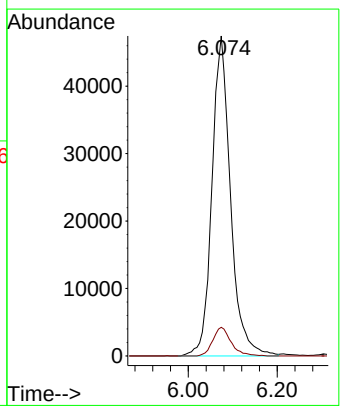
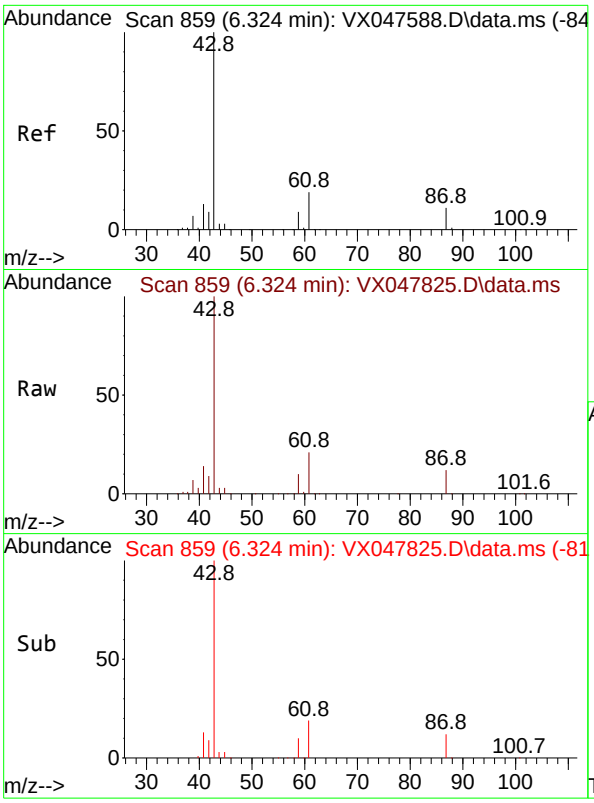


#42
1,2-Dichloroethane
Concen: 49.092 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 62 Resp: 137539

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0

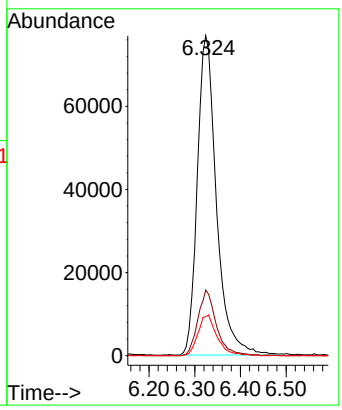




#43
Isopropyl Acetate
Concen: 52.593 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 43 Resp: 22389

Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.2	22.8
87	12.7	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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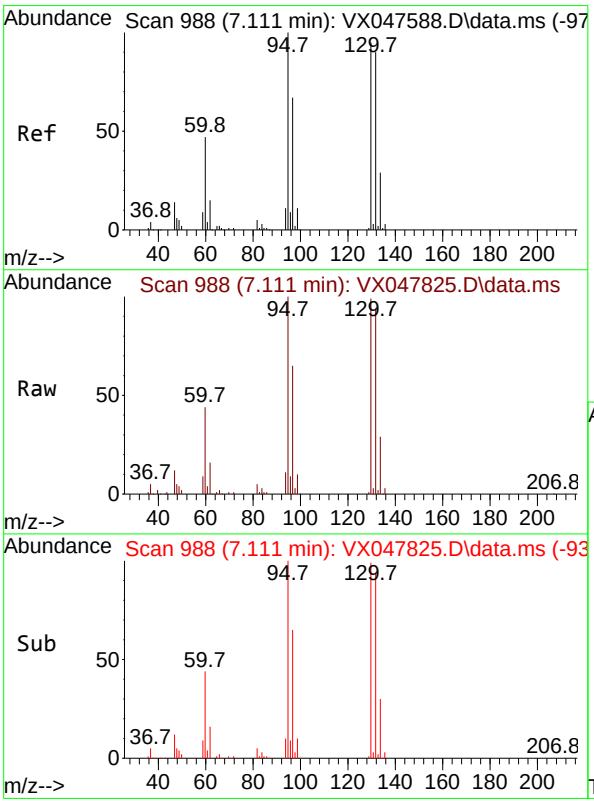
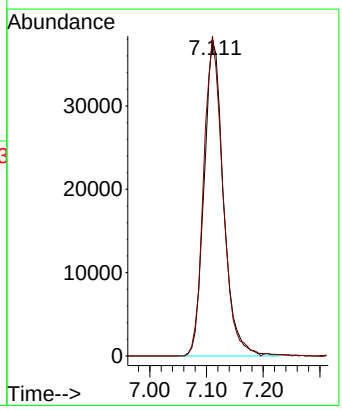
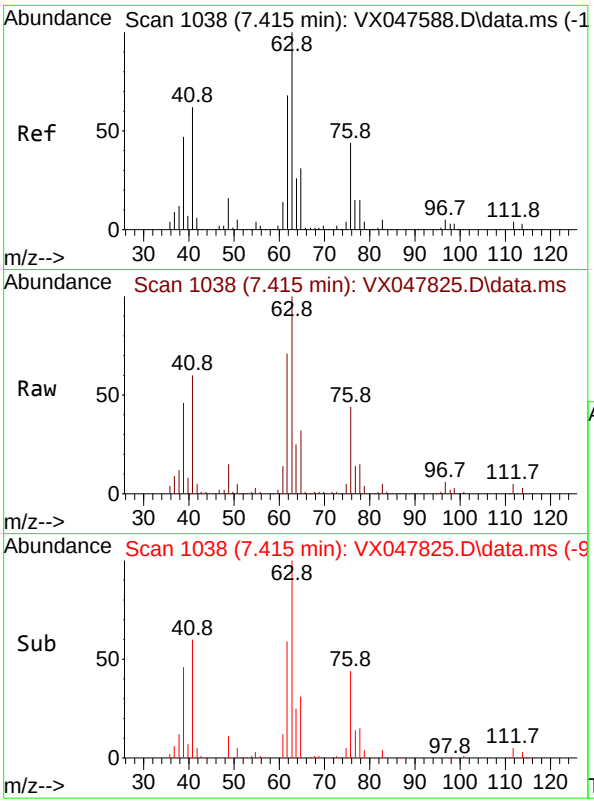


#44
Trichloroethene
Concen: 50.566 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:130 Resp: 90017

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	210.8





#45
1,2-Dichloropropane
Concen: 52.341 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 63 Resp: 9868

Ion	Ratio	Lower	Upper
63	100		
65	32.2	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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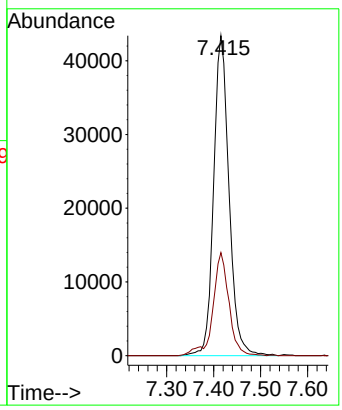
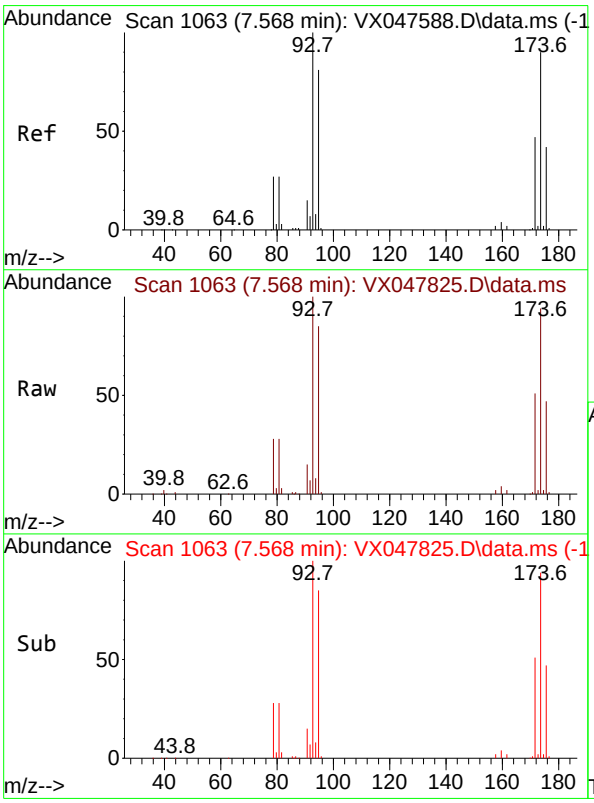
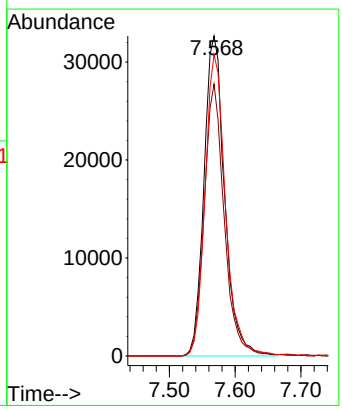


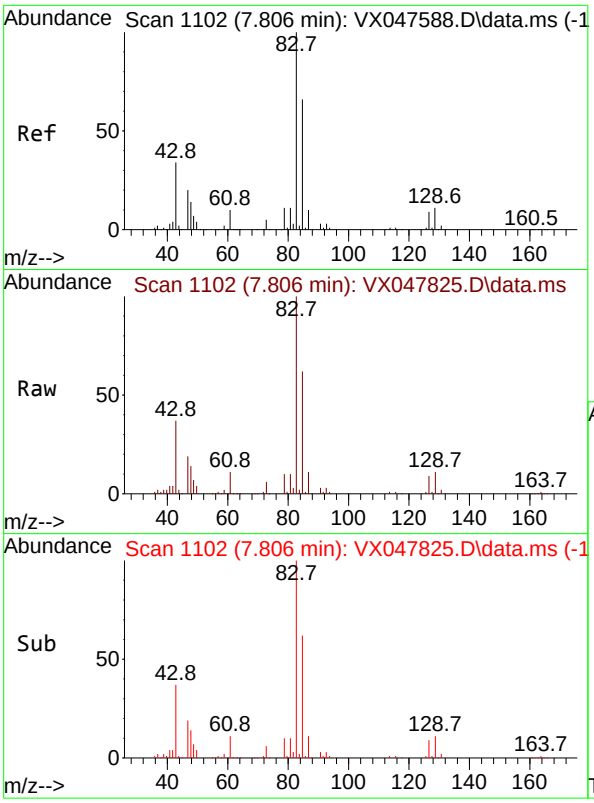


#46
Dibromomethane
Concen: 51.886 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 93 Resp: 71190

Ion	Ratio	Lower	Upper
93	100		
95	82.7	65.0	97.6
174	93.4	71.6	107.4

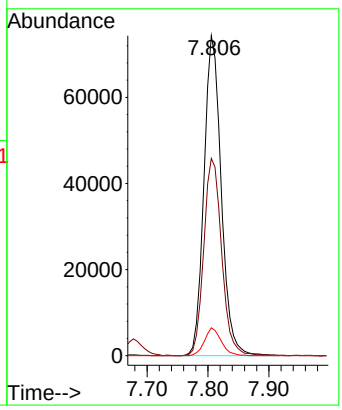




#47
Bromodichloromethane
Concen: 51.750 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 83 Resp: 14652

Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.5	78.7
127	8.7	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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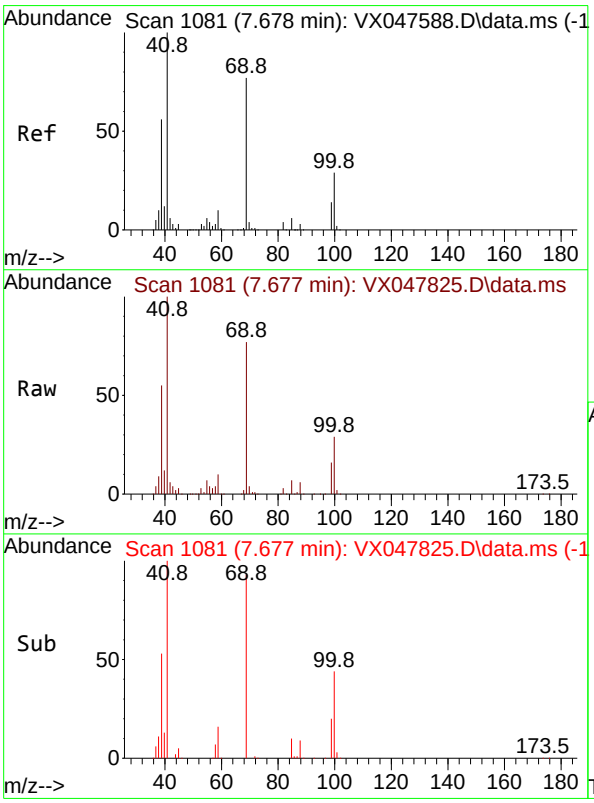
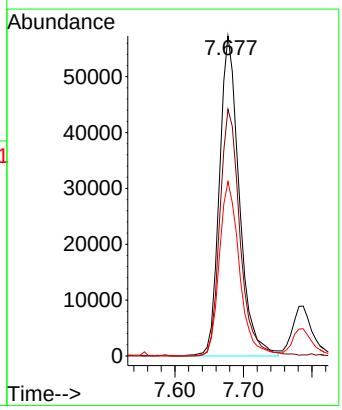
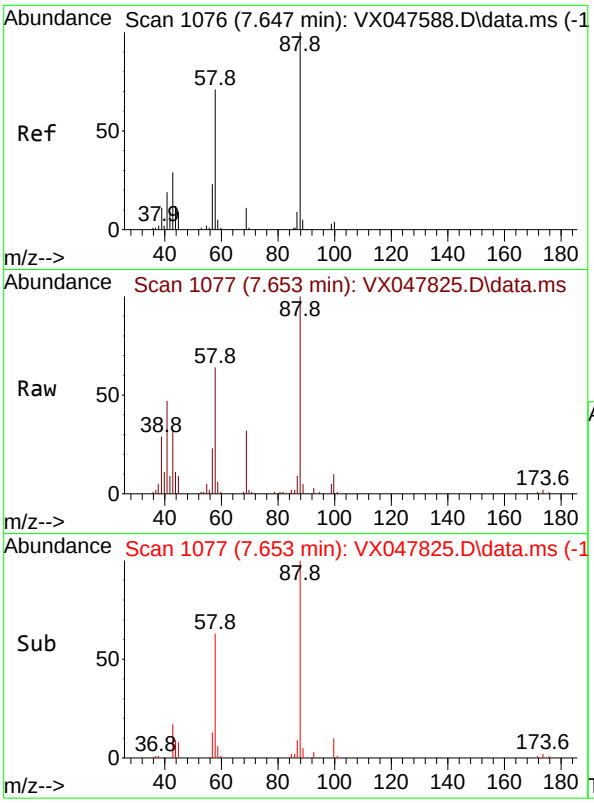


#48
Methyl methacrylate
Concen: 54.110 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 41 Resp: 114743

Ion	Ratio	Lower	Upper
41	100		
69	78.4	61.4	92.2
39	55.5	45.8	68.6

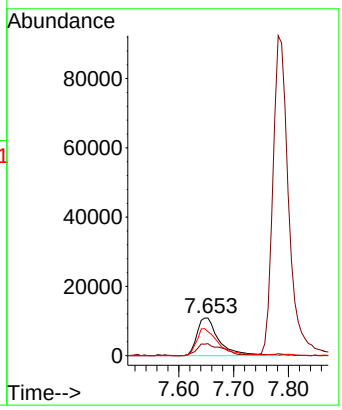




#49
1,4-Dioxane
Concen: 1422.082 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 88 Resp: 3047

Ion	Ratio	Lower	Upper
88	100		
43	38.2	30.2	45.2
58	71.4	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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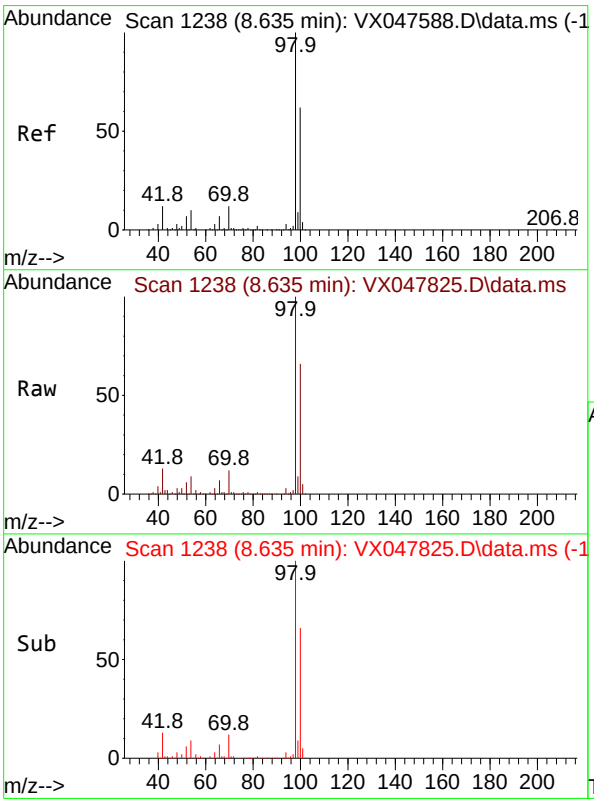
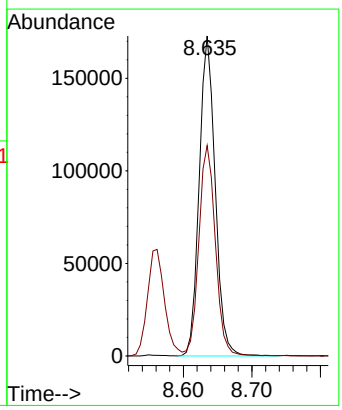
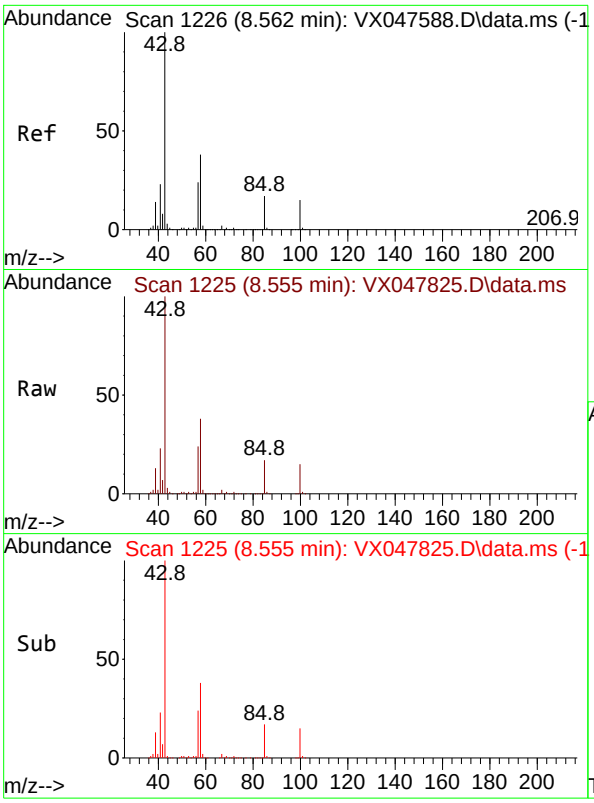


#50
Toluene-d8
Concen: 48.919 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 98 Resp: 280831

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.0	79.4

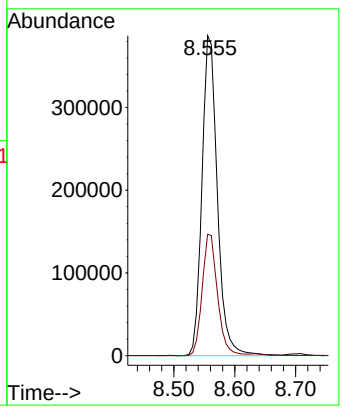




#51
4-Methyl-2-Pentanone
Concen: 288.013 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 43 Resp: 67982

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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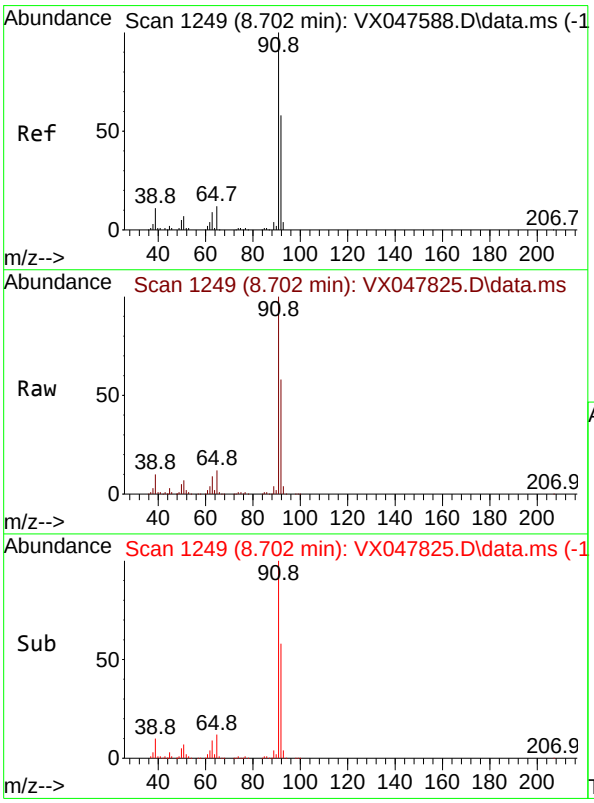
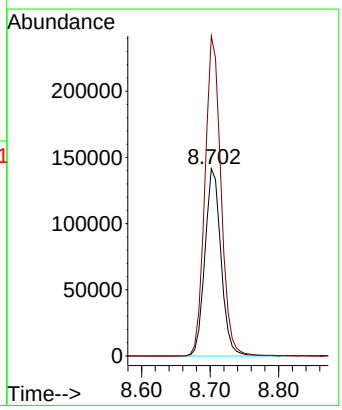
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

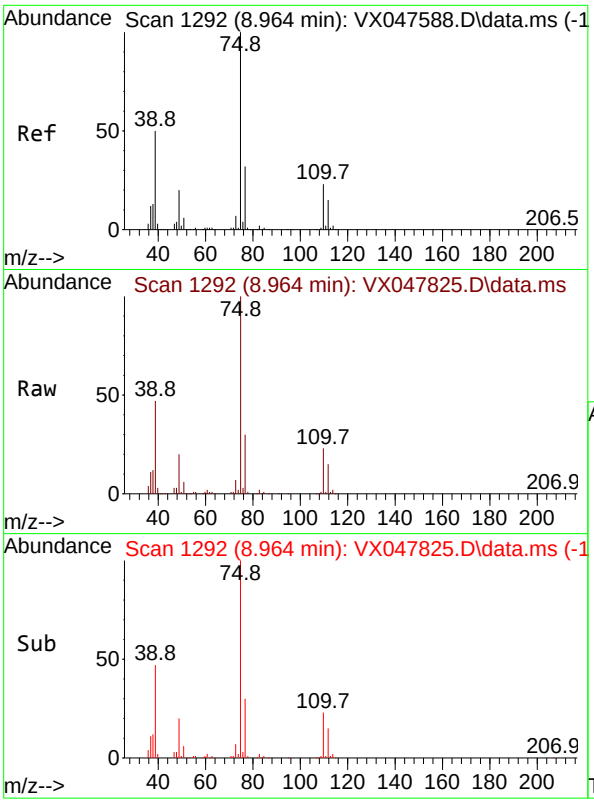


#52
Toluene
Concen: 50.827 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 92 Resp: 230579

Ion	Ratio	Lower	Upper
92	100		
91	170.5	137.1	205.7

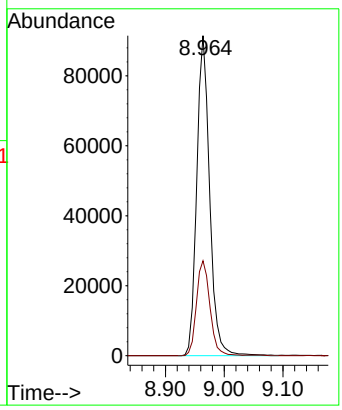




#53
t-1,3-Dichloropropene
Concen: 48.298 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 75 Resp: 13948

Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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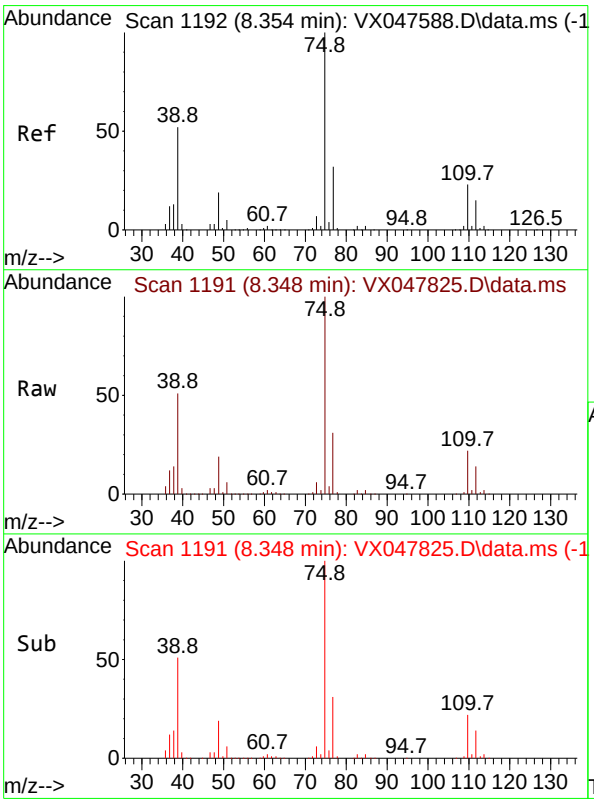
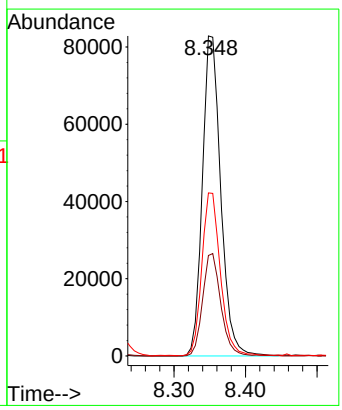
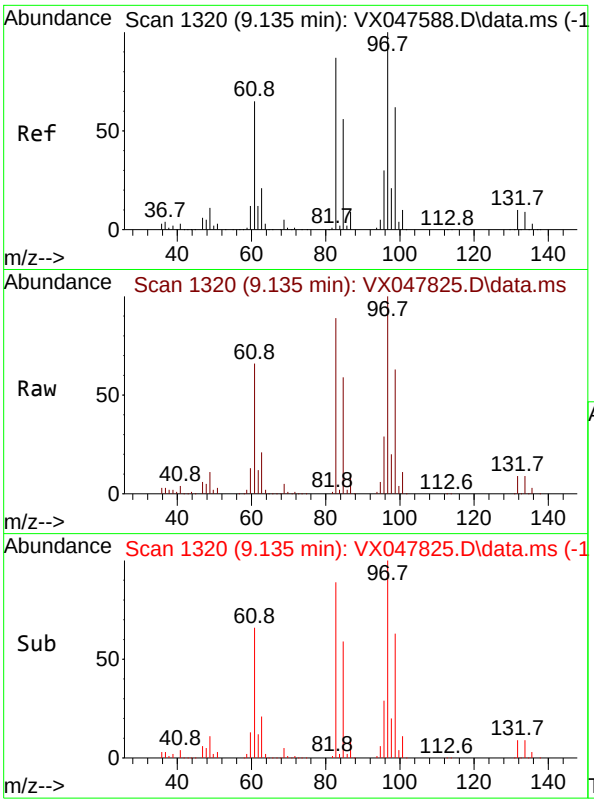


#54
cis-1,3-Dichloropropene
Concen: 48.000 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 75 Resp: 148166

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	50.9	41.4	62.2

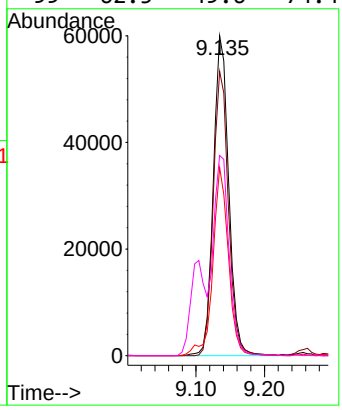




#55
1,1,2-Trichloroethane
Concen: 53.442 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 97 Resp: 9348

Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.6	104.4
85	58.7	45.0	67.6
99	62.5	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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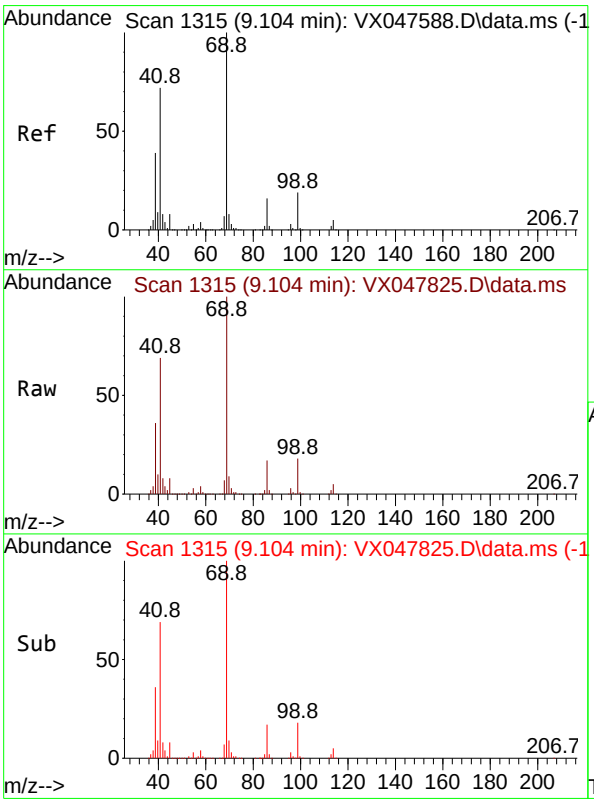
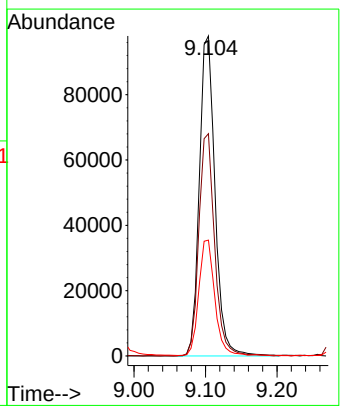
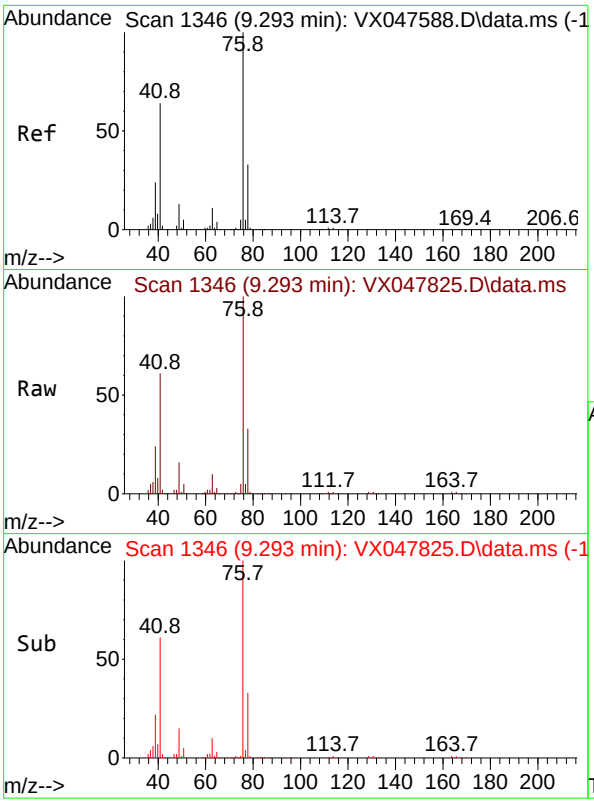


#56
Ethyl methacrylate
Concen: 54.348 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 69 Resp: 149303

Ion	Ratio	Lower	Upper
69	100		
41	70.4	58.6	87.8
39	36.5	31.5	47.3





#57
1,3-Dichloropropane
Concen: 53.940 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 76 Resp: 16208

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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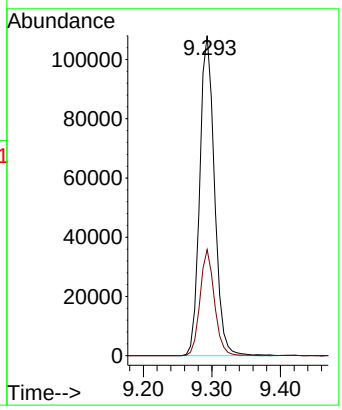
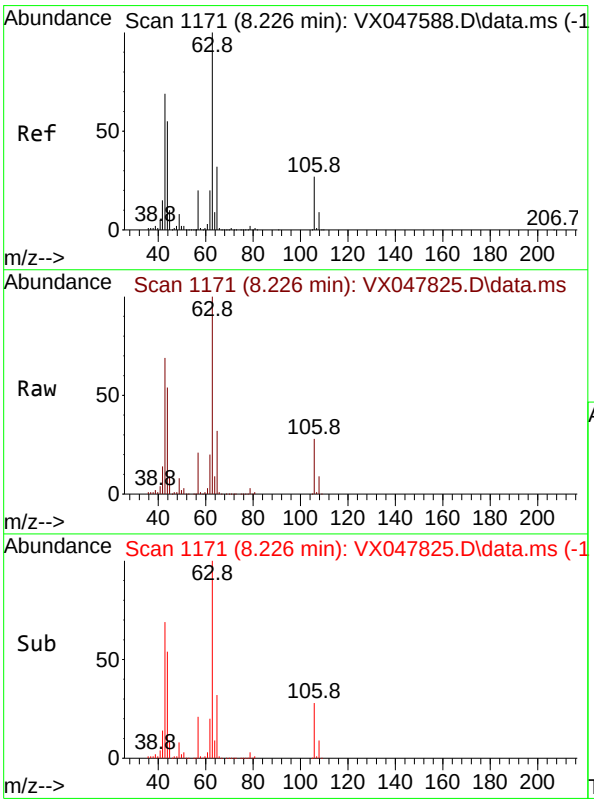
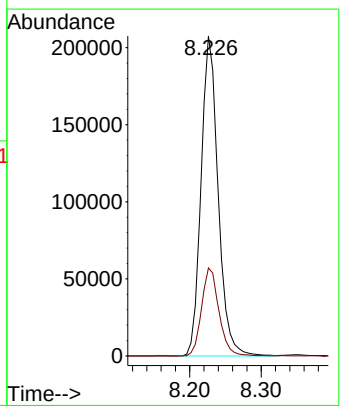


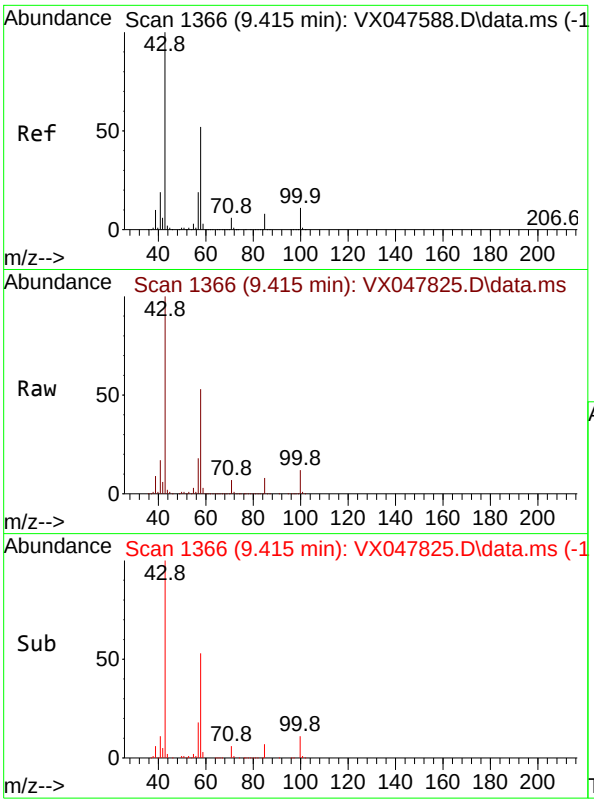


#58
2-Chloroethyl Vinyl ether
Concen: 261.058 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 63 Resp: 343671

Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.9	32.9





#59
2-Hexanone
Concen: 283.408 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 43 Resp: 48044

Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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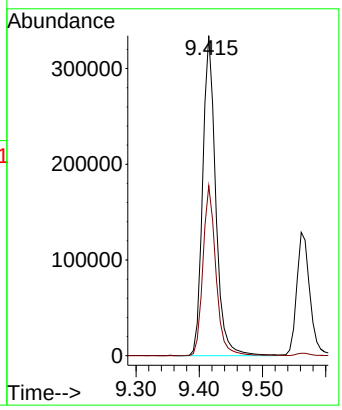
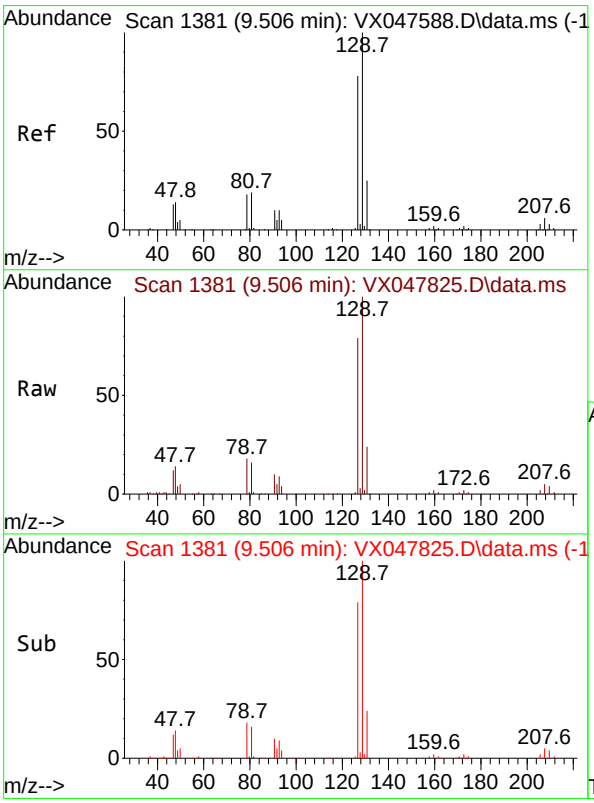
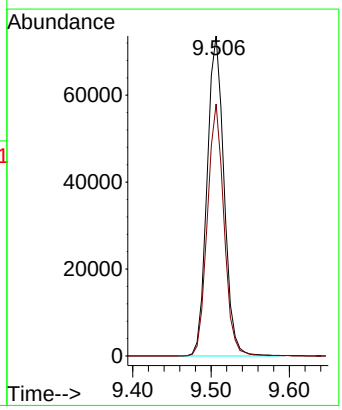


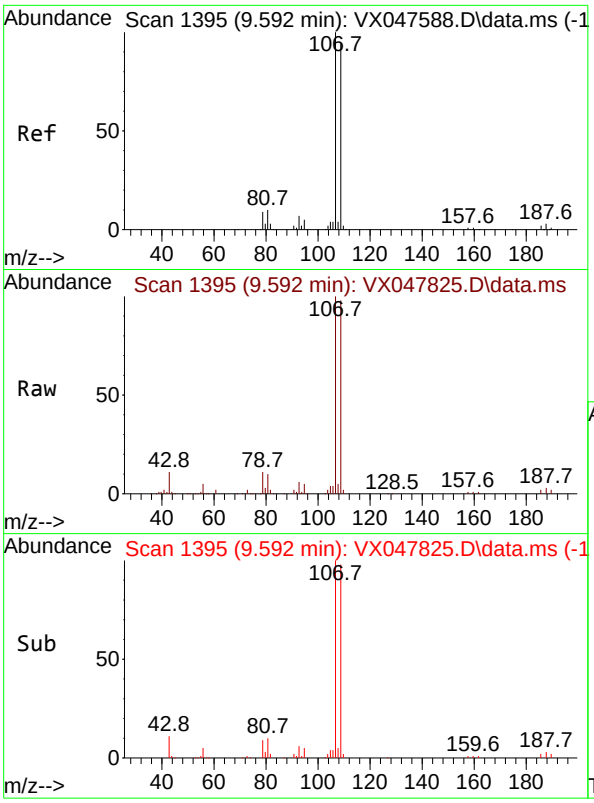


#60
Dibromochloromethane
Concen: 54.724 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:129 Resp: 110299

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.4	115.2

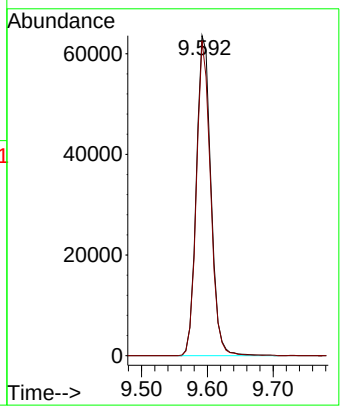




#61
1,2-Dibromoethane
Concen: 54.937 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:107 Resp: 9788

Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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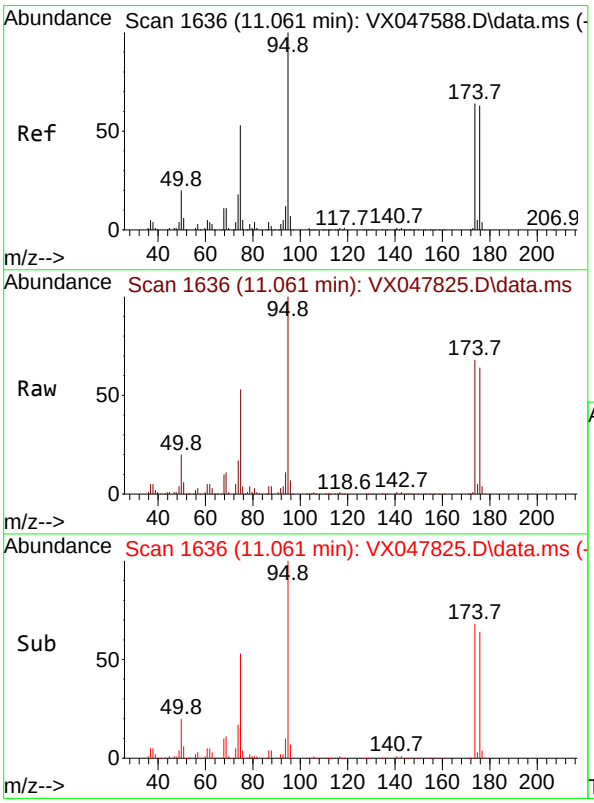
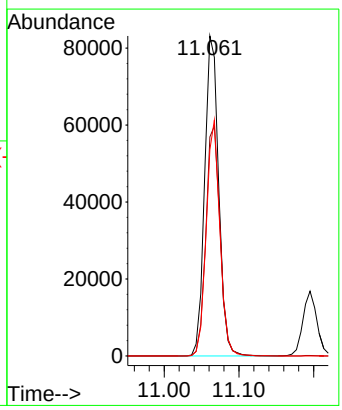
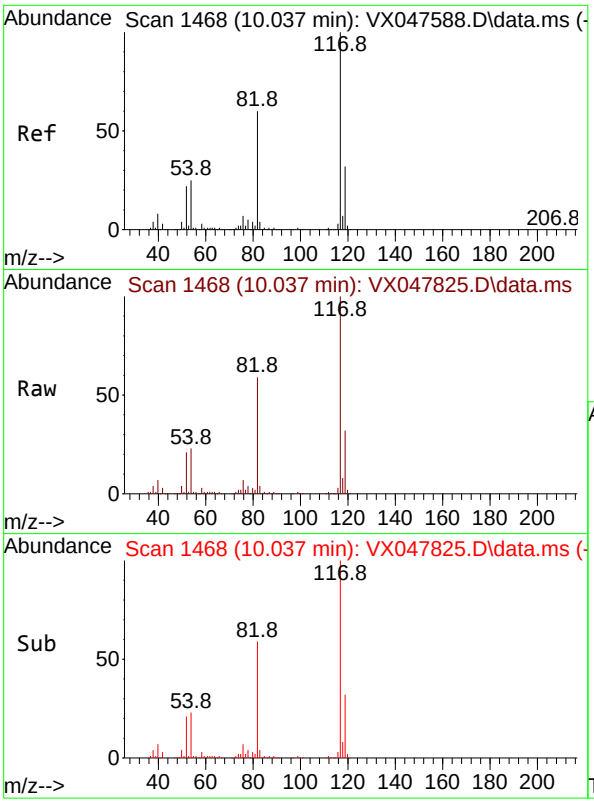


#62
4-Bromofluorobenzene
Concen: 49.551 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 95 Resp: 107959

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.6
176	71.2	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:117 Resp: 222999

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.8	71.6
119	32.3	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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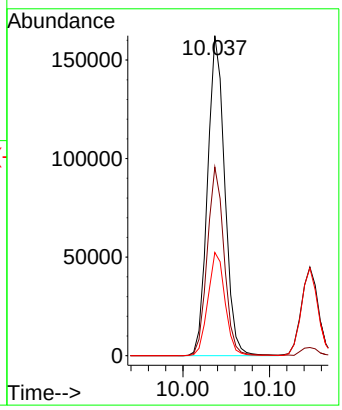
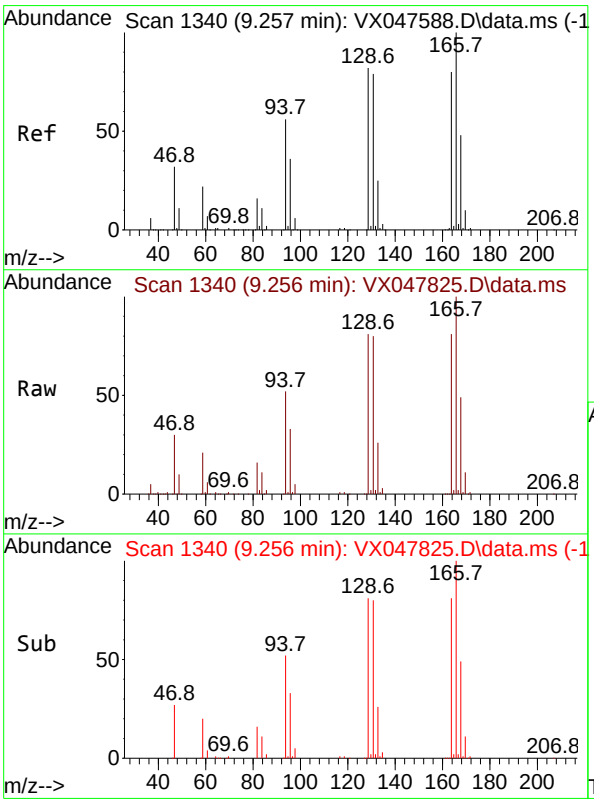
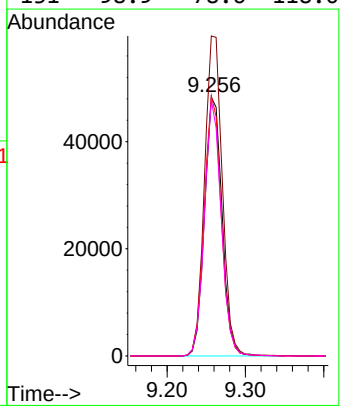


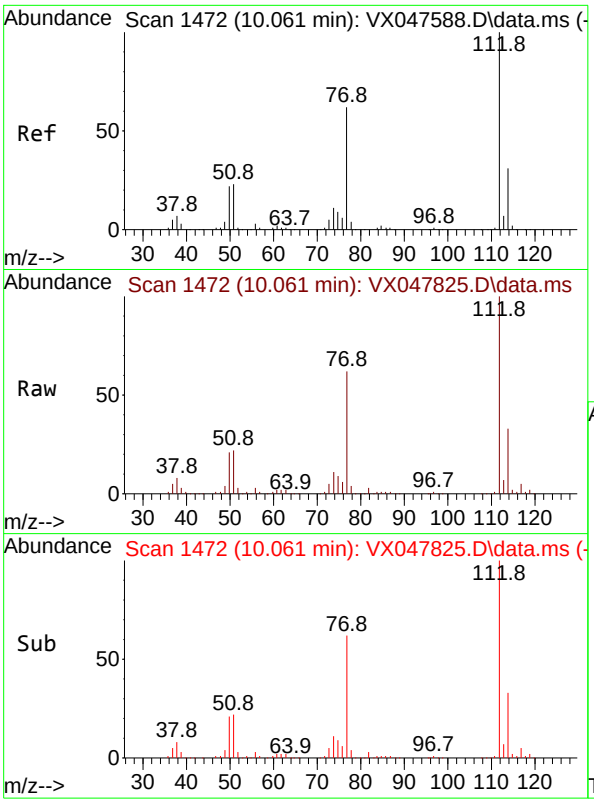


#64
Tetrachloroethene
Concen: 51.396 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:164 Resp: 74716

Ion	Ratio	Lower	Upper
164	100		
166	123.7	100.2	150.2
129	100.6	81.8	122.6
131	98.9	78.6	118.0





#65
Chlorobenzene
Concen: 50.504 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:112 Resp: 25586

Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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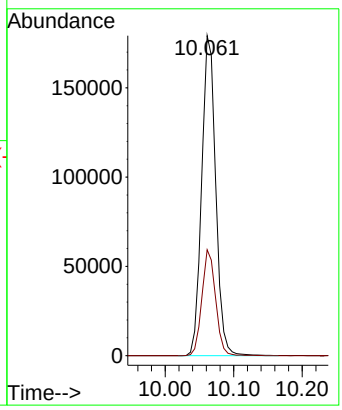
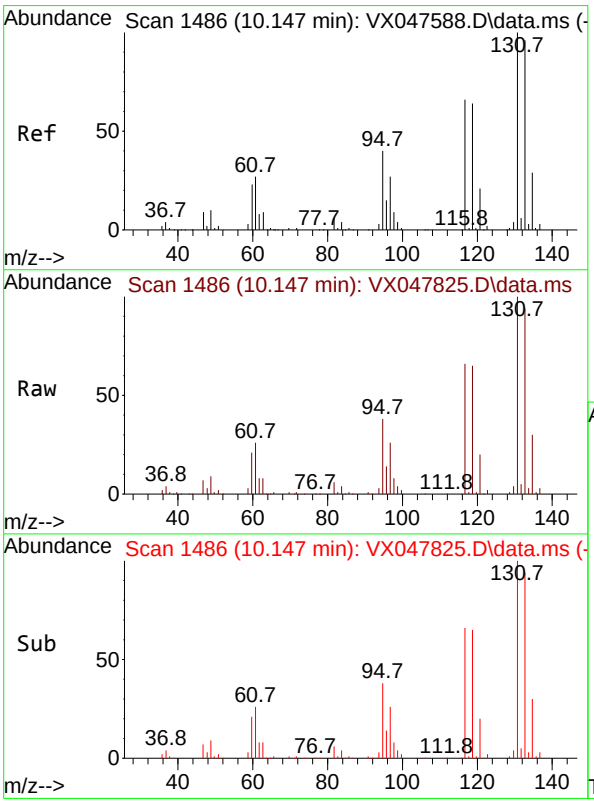
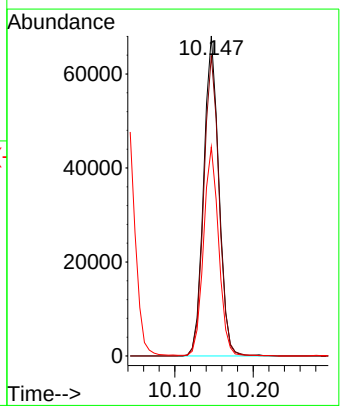


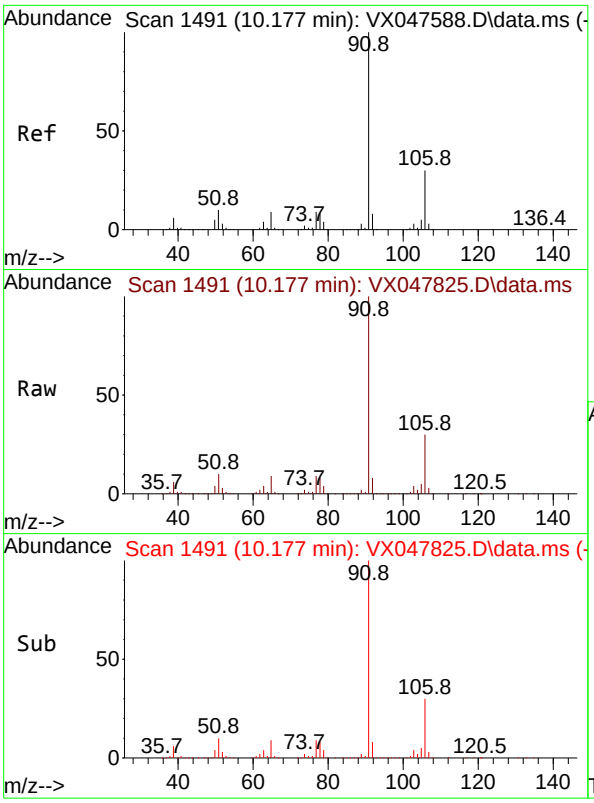


#66
1,1,1,2-Tetrachloroethane
Concen: 52.283 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:131 Resp: 91400

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.3	142.0
119	65.2	32.0	96.0

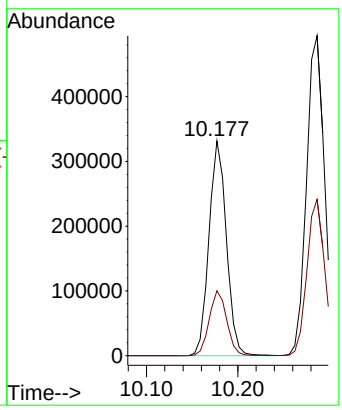




#67
Ethyl Benzene
Concen: 50.162 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 91 Resp: 43847

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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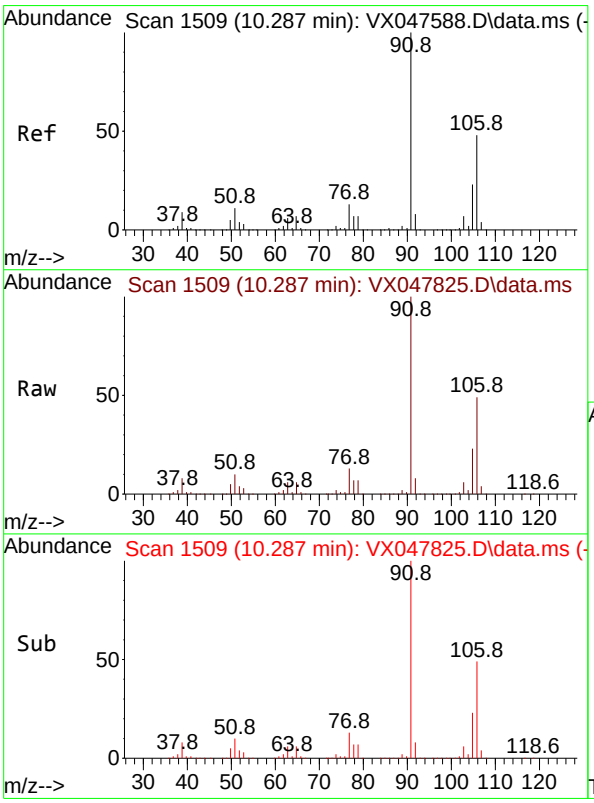
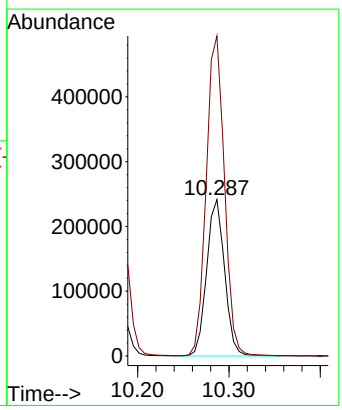
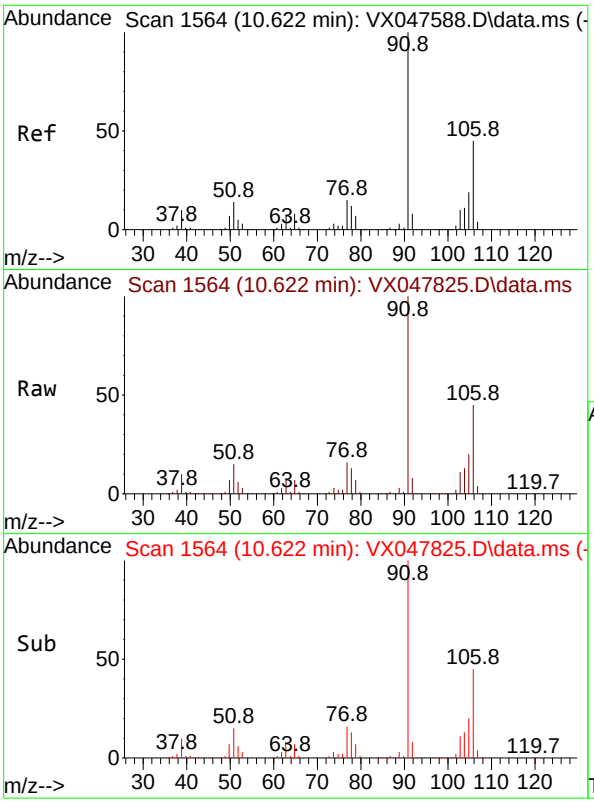


#68
m/p-Xylenes
Concen: 101.032 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:106 Resp: 328712

Ion	Ratio	Lower	Upper
106	100		
91	207.3	167.8	251.8





#69
o-Xylene
Concen: 51.141 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:106 Resp: 16093

Ion	Ratio	Lower	Upper
106	100		
91	216.6	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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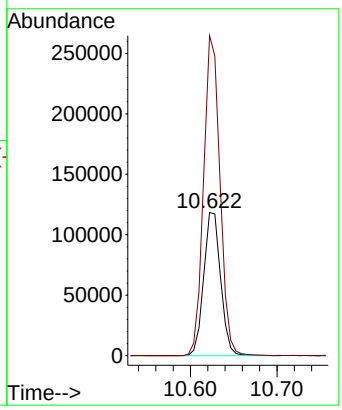
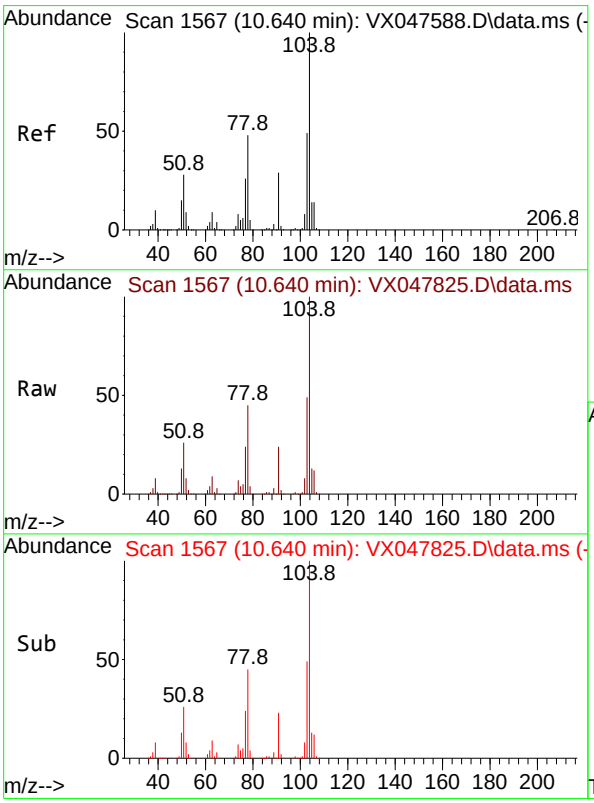
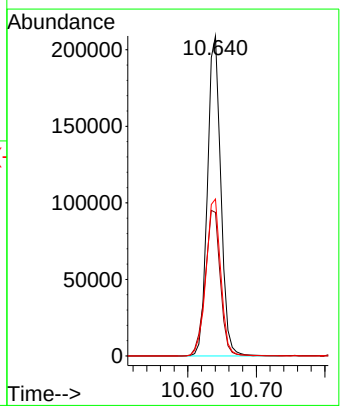


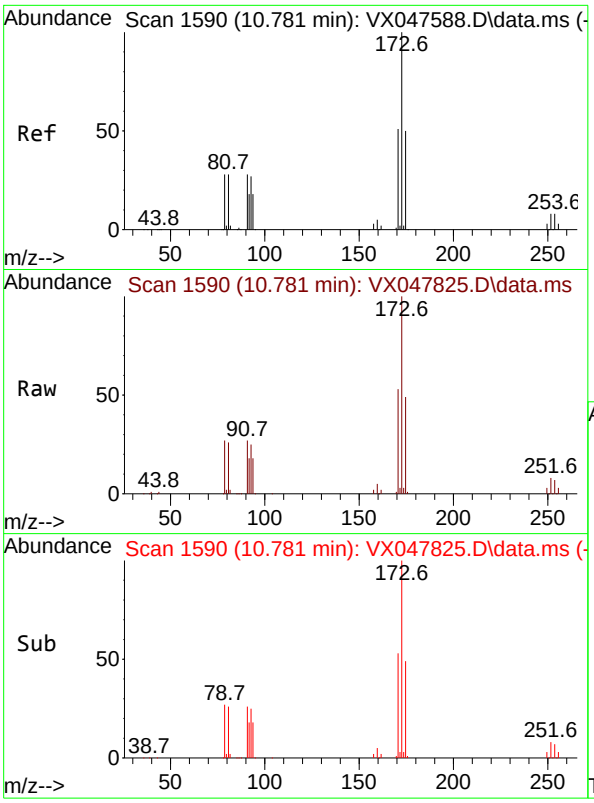


#70
Styrene
Concen: 51.539 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:104 Resp: 284190

Ion	Ratio	Lower	Upper
104	100		
78	51.3	43.1	64.7
103	53.9	43.1	64.7

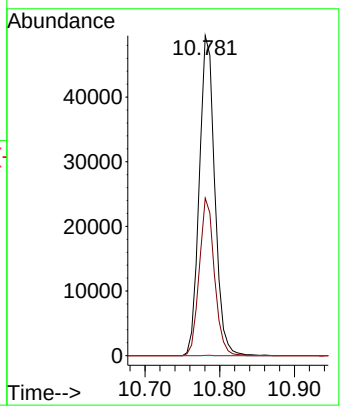




#71
Bromoform
Concen: 54.560 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:173 Resp: 7122

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.9	74.6
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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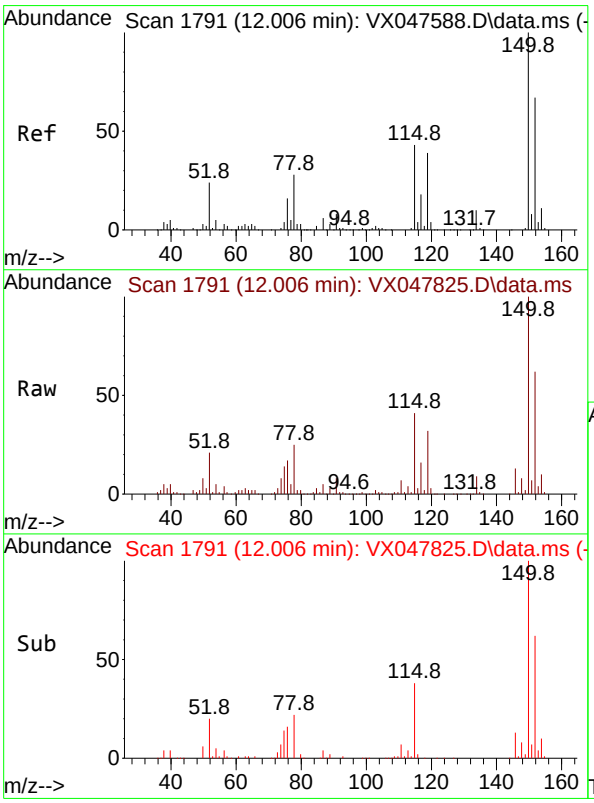
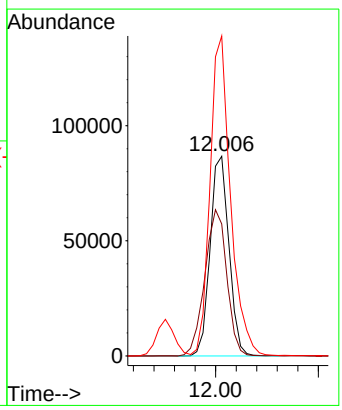
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

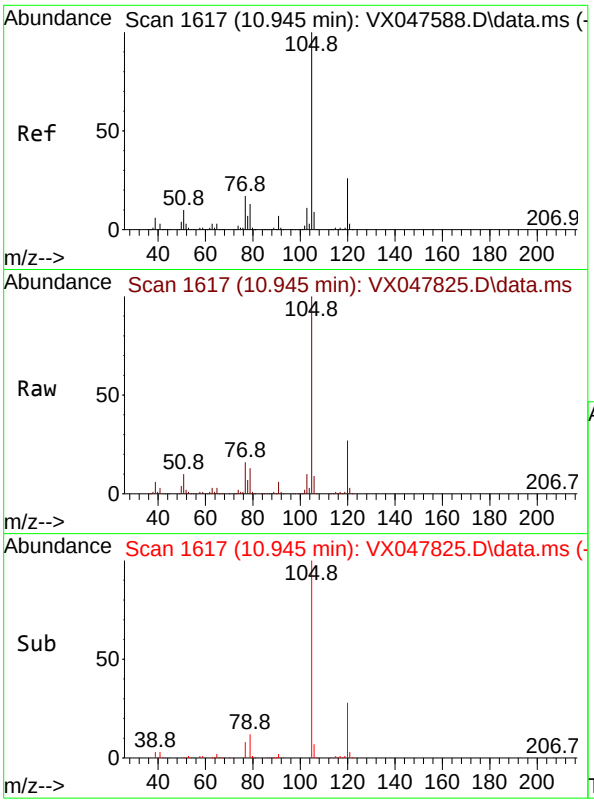


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:152 Resp: 110381

Ion	Ratio	Lower	Upper
152	100		
115	85.4	44.9	134.5
150	174.1	0.0	352.0

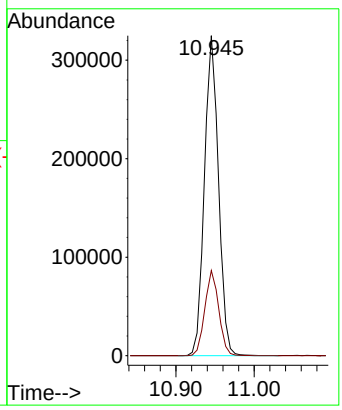




#73
Isopropylbenzene
Concen: 48.122 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:105 Resp: 40383

Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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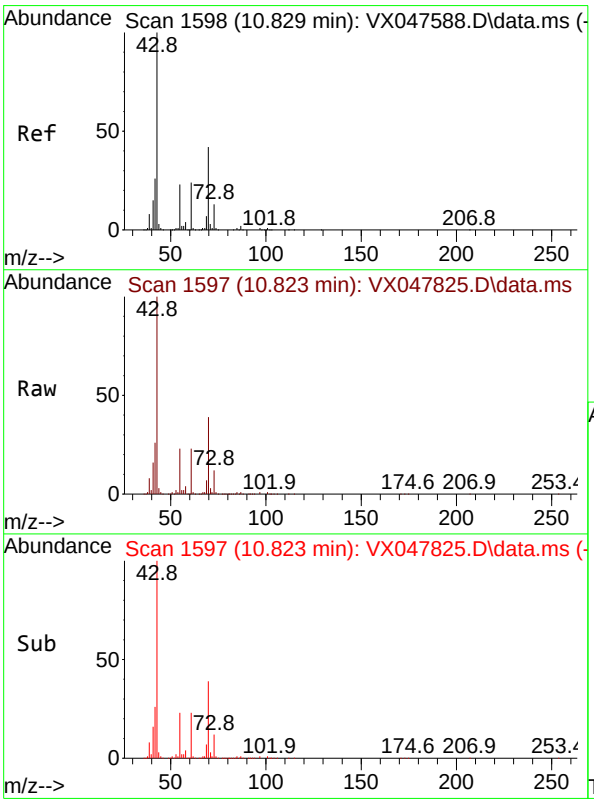
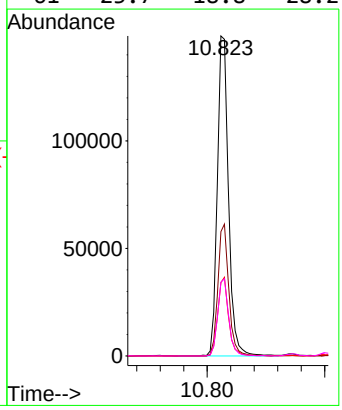
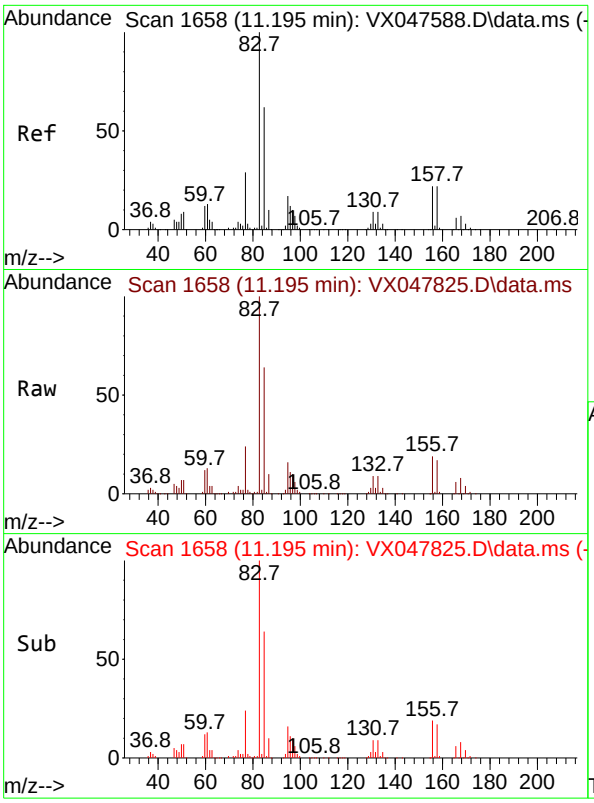


#74
N-amyl acetate
Concen: 51.163 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 43 Resp: 195791

Ion	Ratio	Lower	Upper
43	100		
70	40.3	32.0	48.0
55	23.9	18.9	28.3
61	23.7	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.782 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 83 Resp: 13655

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.4	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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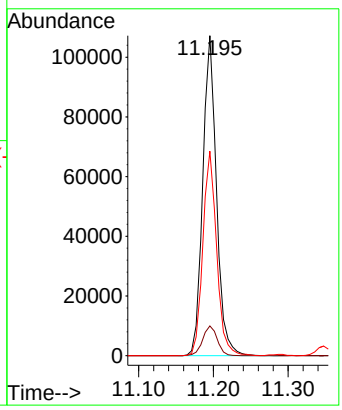
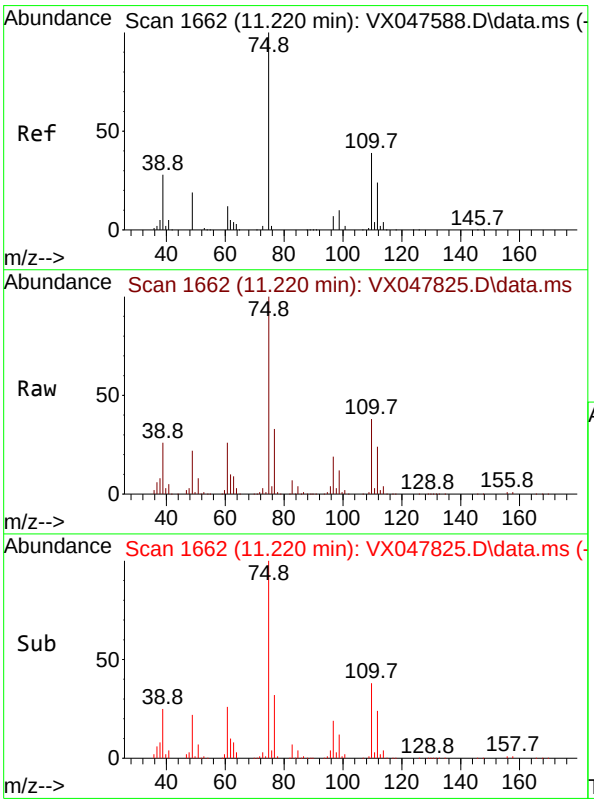
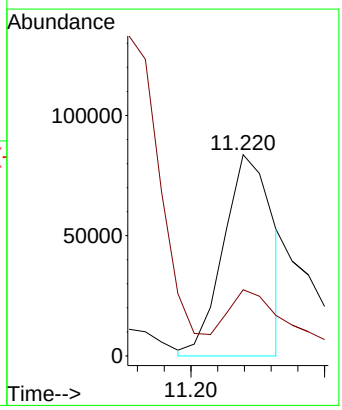


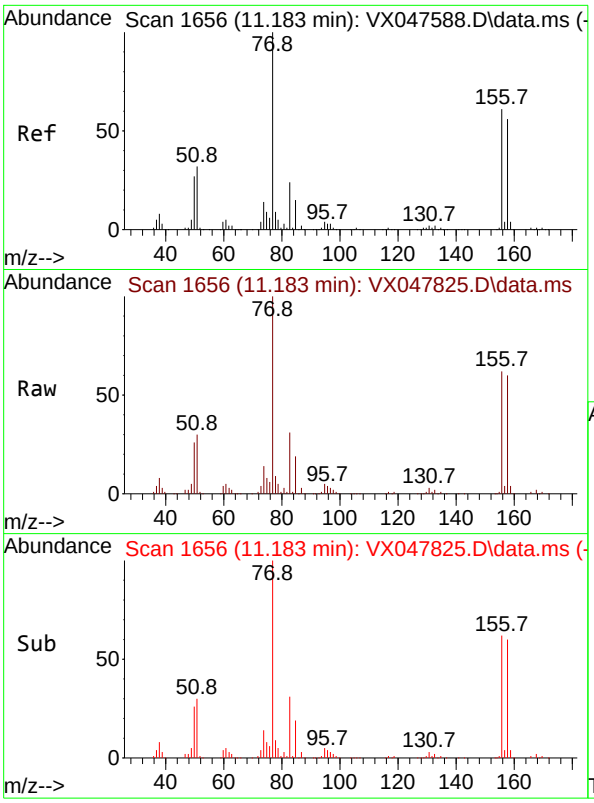


#76
1,2,3-Trichloropropane
Concen: 47.607 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 75 Resp: 106395

Ion	Ratio	Lower	Upper
75	100		
77	41.2	18.8	56.4





#77
Bromobenzene
Concen: 49.580 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:156 Resp: 10247

Ion	Ratio	Lower	Upper
156	100		
77	177.1	89.7	269.1
158	97.4	47.9	143.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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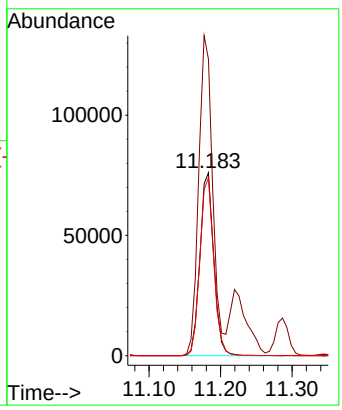
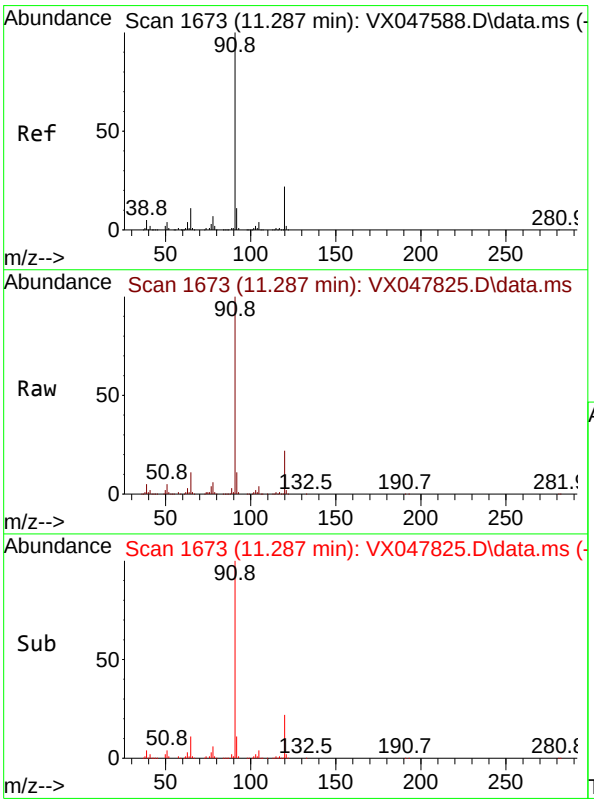
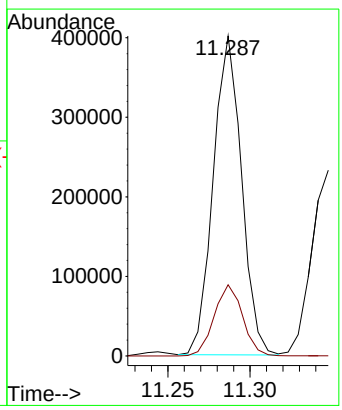


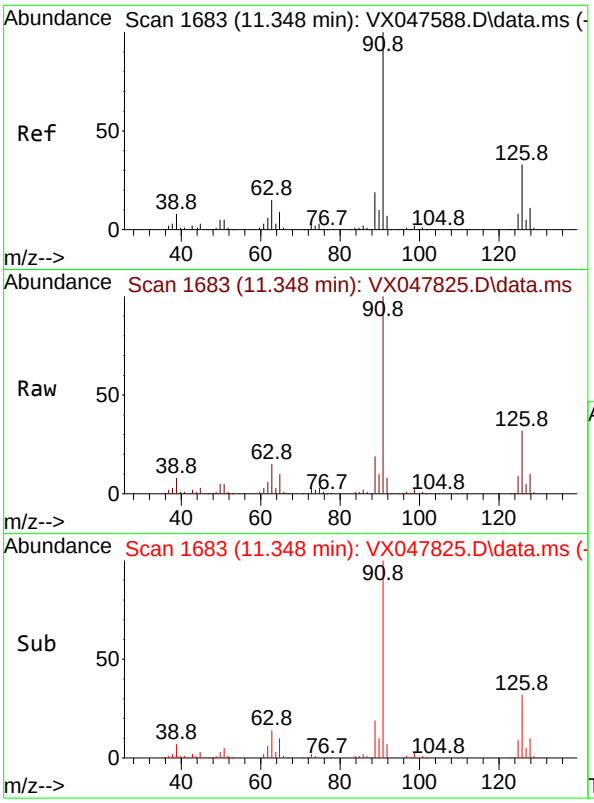


#78
n-propylbenzene
Concen: 48.313 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 91 Resp: 479279

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.1	33.1





#79
2-Chlorotoluene
Concen: 48.461 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 91 Resp: 29444

Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 09/26/2025
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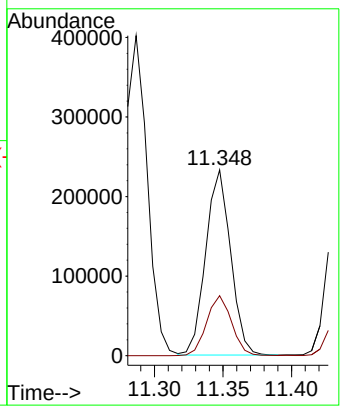
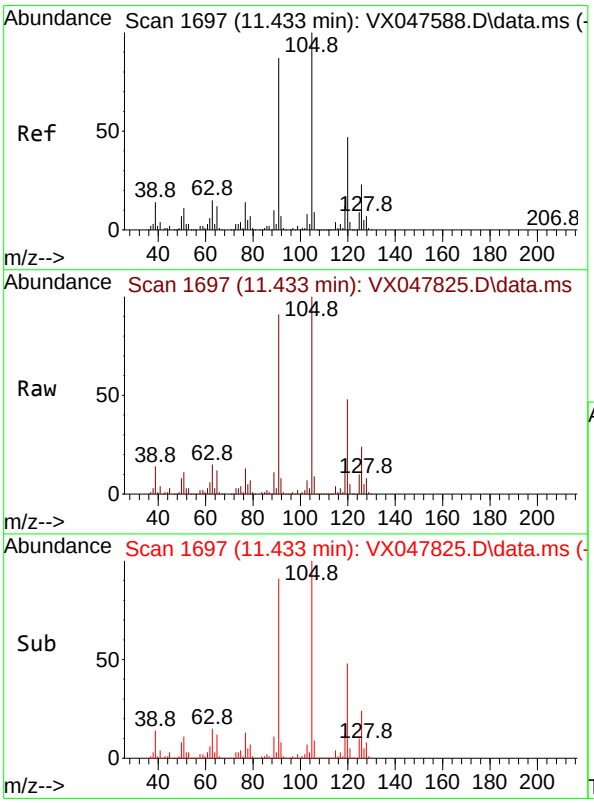
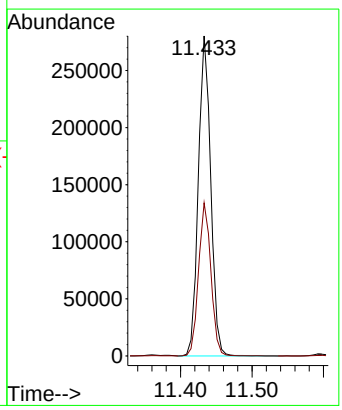


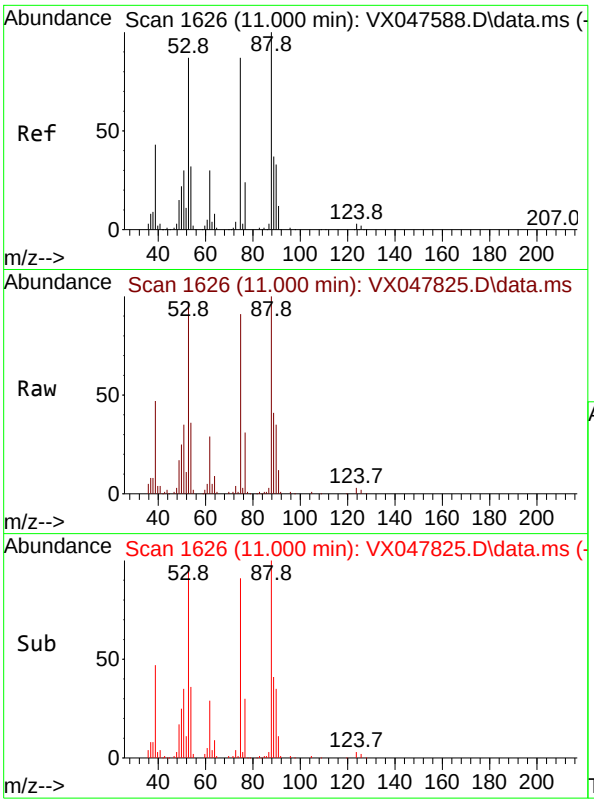


#80
1,3,5-Trimethylbenzene
Concen: 48.708 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:105 Resp: 335826

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 39.266 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 75 Resp: 3441

Ion	Ratio	Lower	Upper
75	100		
53	107.3	83.4	125.2
89	46.9	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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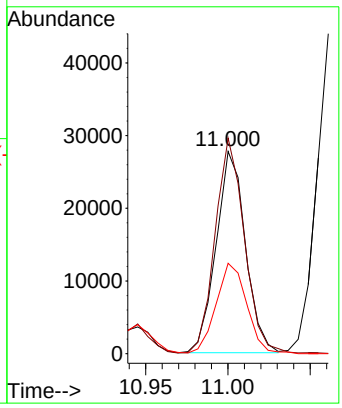
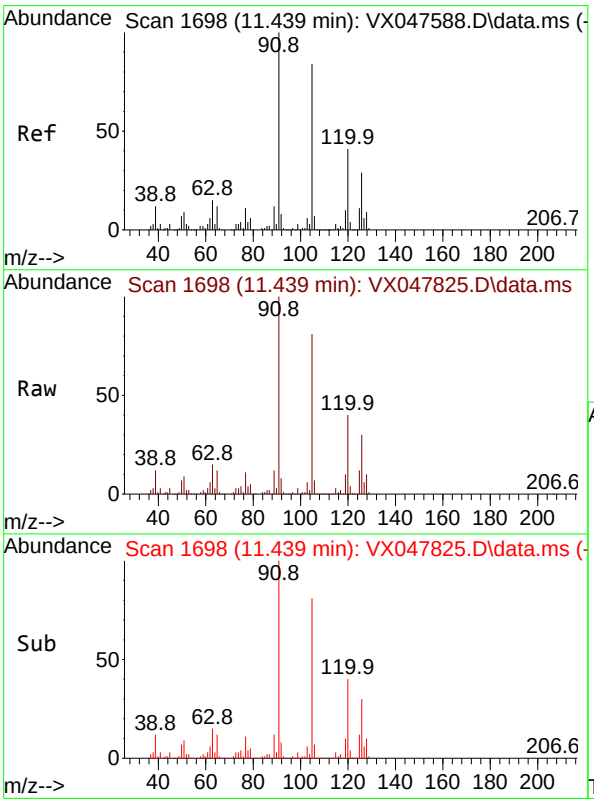
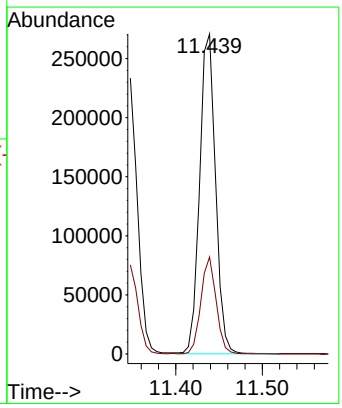


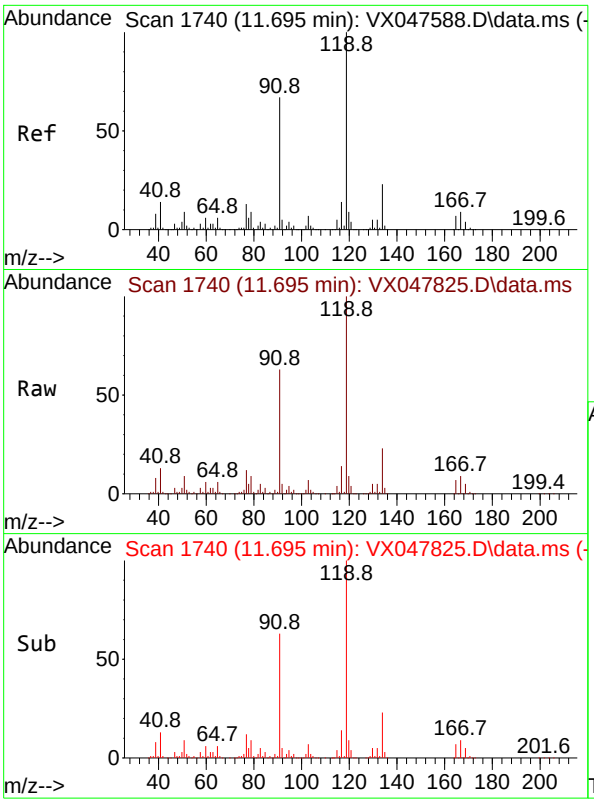


#82
4-Chlorotoluene
Concen: 48.090 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 91 Resp: 345097

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.2	42.6





#83
tert-Butylbenzene
Concen: 48.002 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:119 Resp: 33879

Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.6	88.8
134	22.6	11.0	33.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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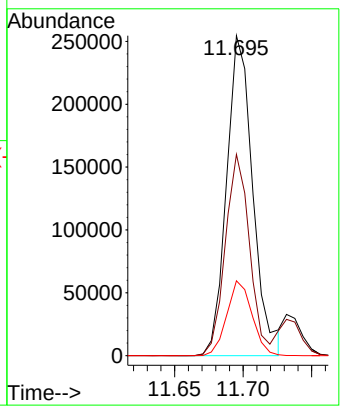
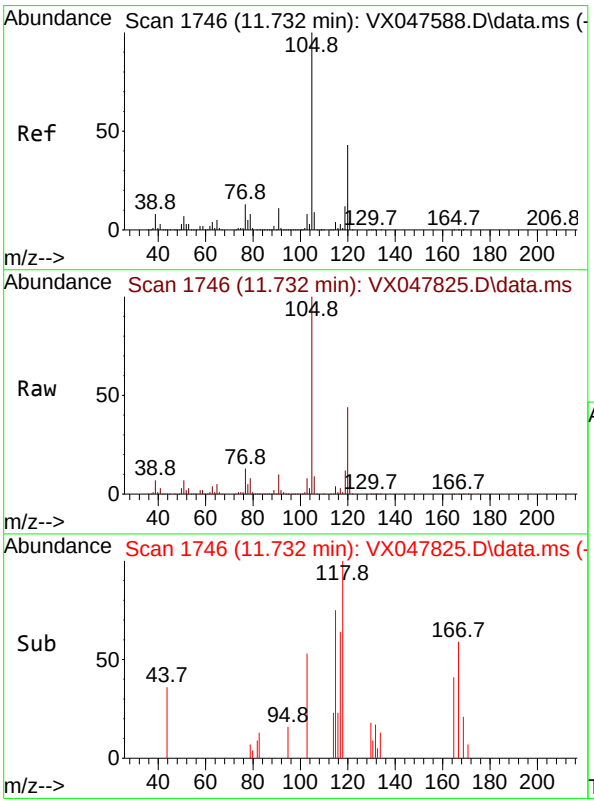
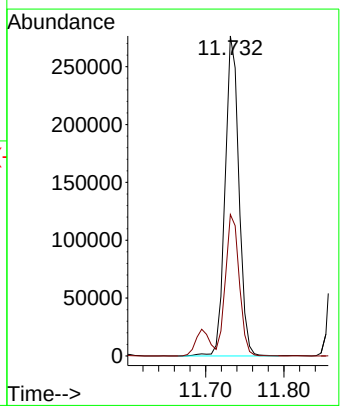


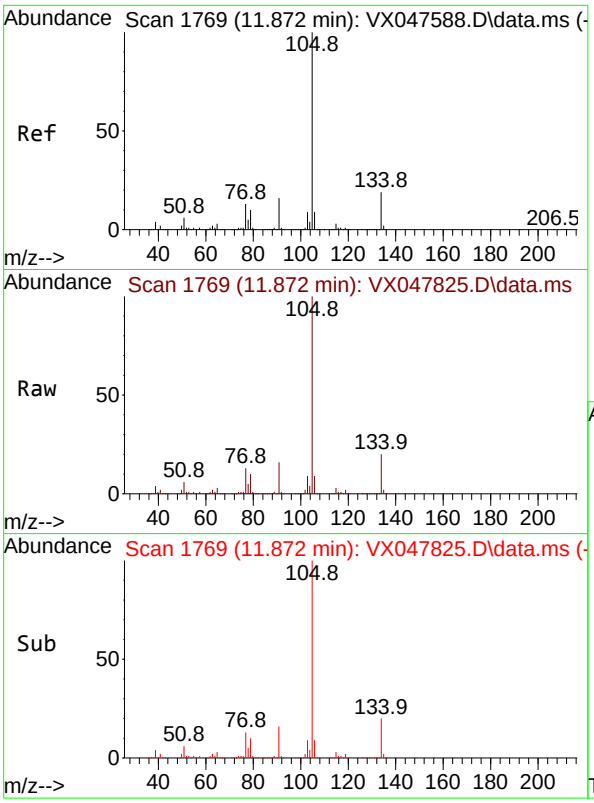


#84
1,2,4-Trimethylbenzene
Concen: 48.619 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:105 Resp: 339850

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.1

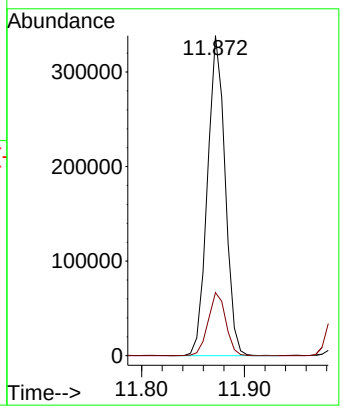




#85
sec-Butylbenzene
Concen: 48.114 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:105 Resp: 40335

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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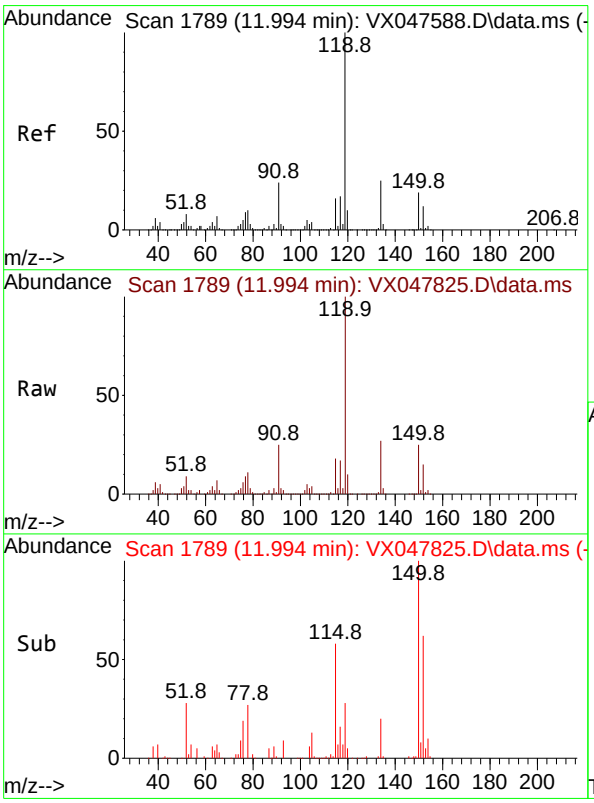
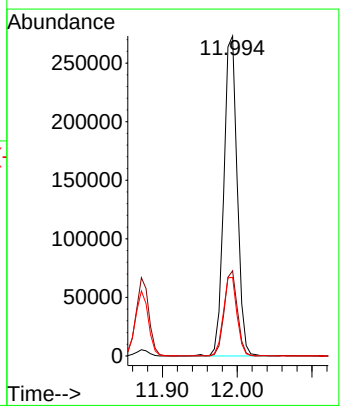
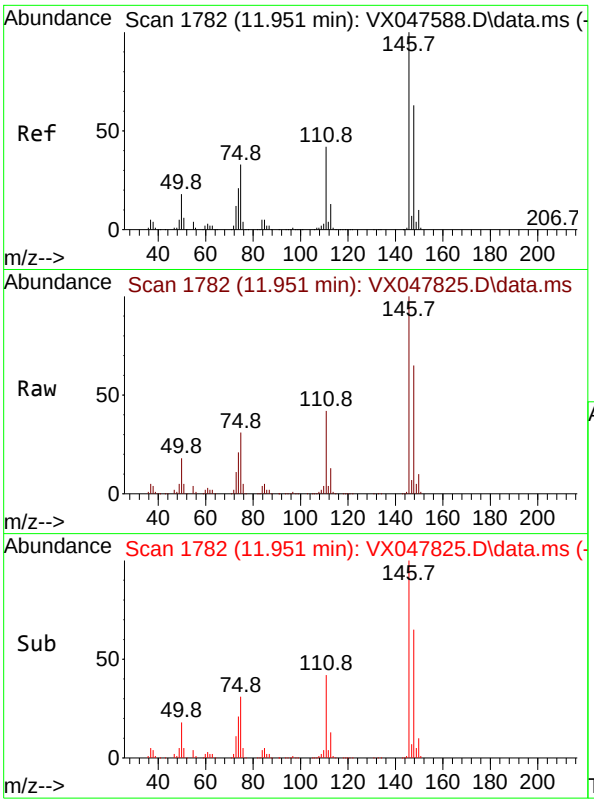


#86
p-Isopropyltoluene
Concen: 47.768 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:119 Resp: 339026

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.8
91	25.0	12.6	37.6

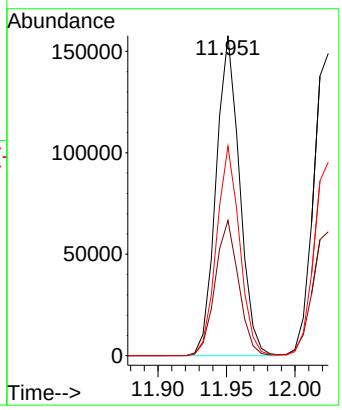




#87
1,3-Dichlorobenzene
Concen: 48.948 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:146 Resp: 18791

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	64.5	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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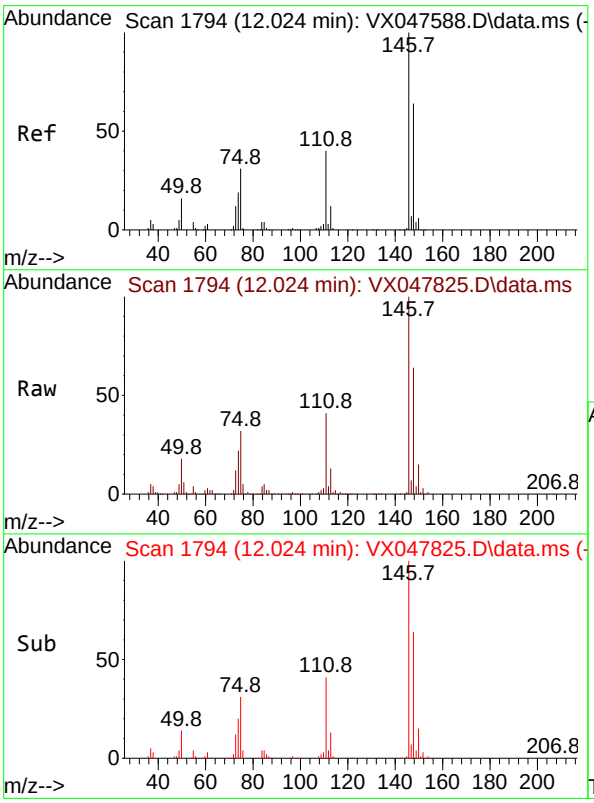
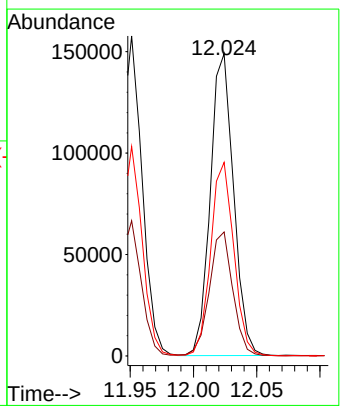
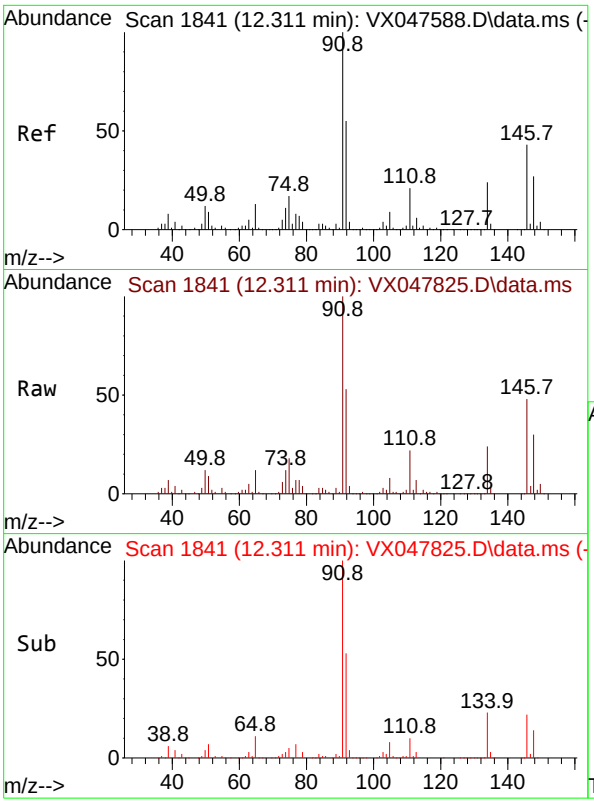


#88
1,4-Dichlorobenzene
Concen: 48.345 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:146 Resp: 190488

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.4
148	63.8	31.7	95.1





#89
n-Butylbenzene
Concen: 47.610 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

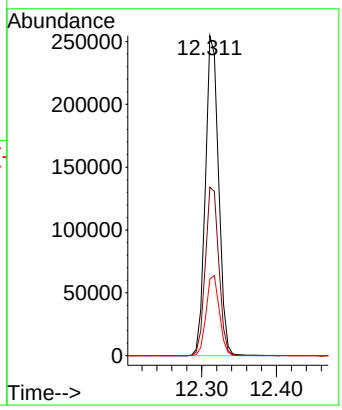
Tgt Ion: 91 Resp: 31266

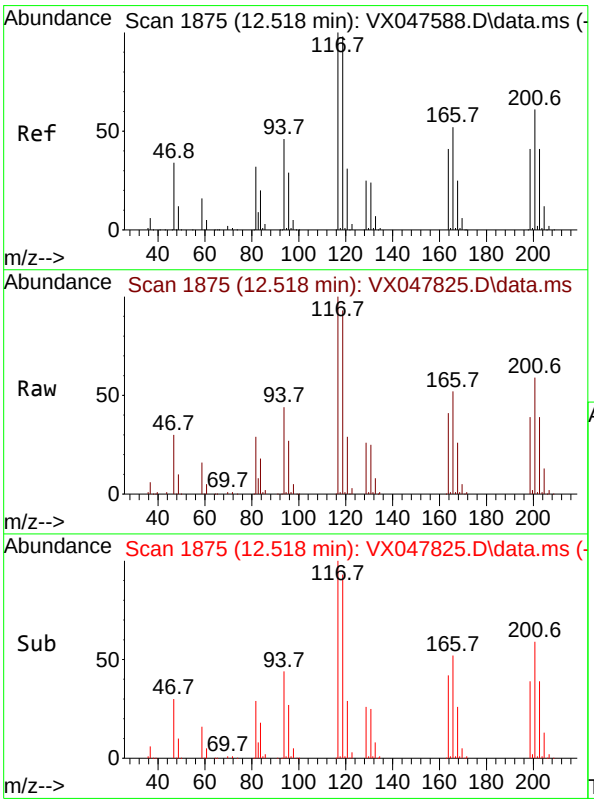
Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.6	82.7
134	25.1	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

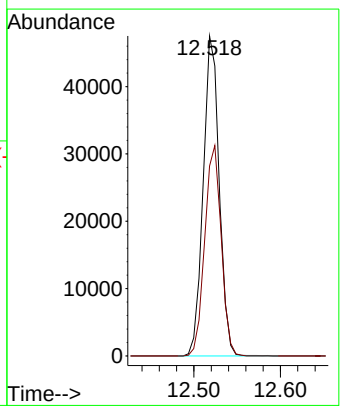


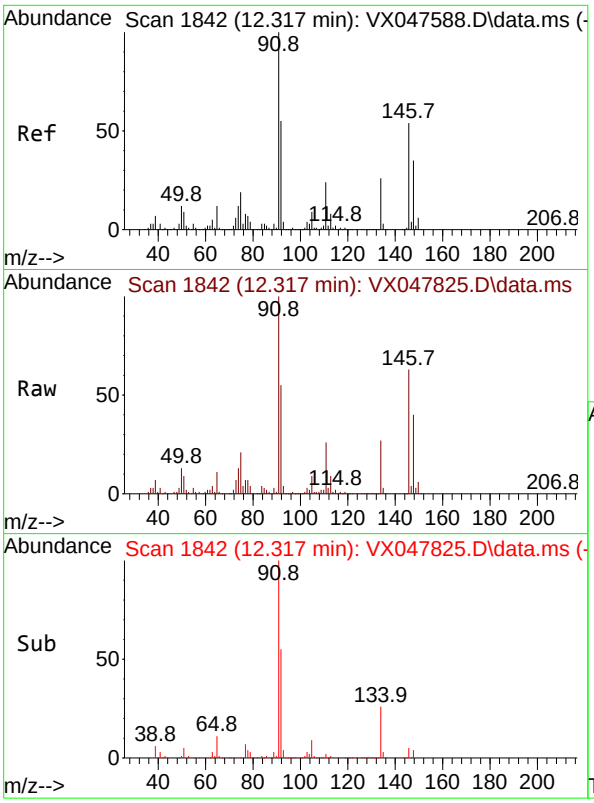


#90
Hexachloroethane
Concen: 48.933 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:117 Resp: 60975

Ion	Ratio	Lower	Upper
117	100		
201	67.6	34.2	102.5

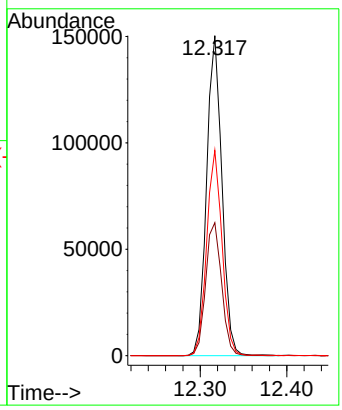




#91
1,2-Dichlorobenzene
Concen: 50.395 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:146 Resp: 18431

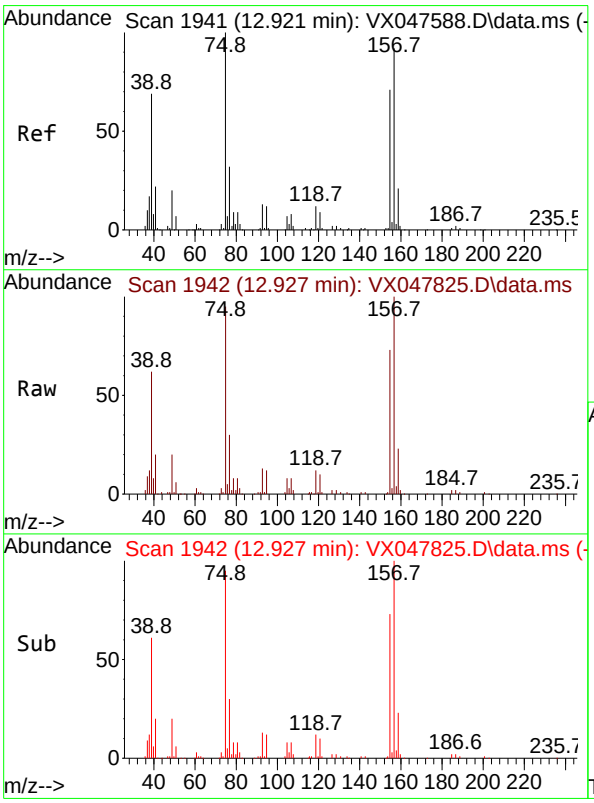
Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.2	66.6
148	64.5	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

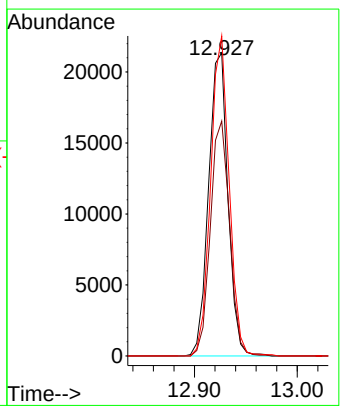
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

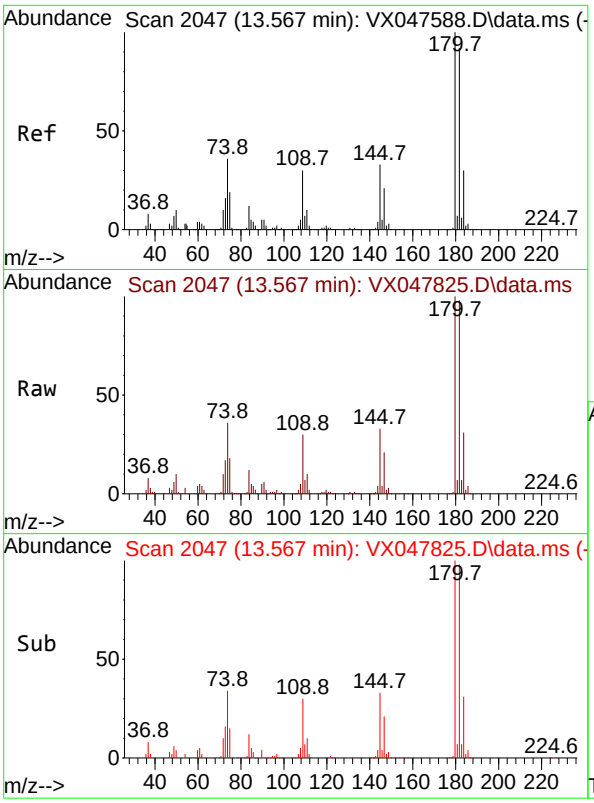


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.404 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 75 Resp: 27966

Ion	Ratio	Lower	Upper
75	100		
155	77.0	37.7	113.1
157	100.8	49.8	149.4

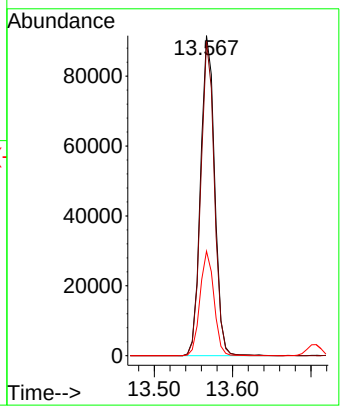




#93
1,2,4-Trichlorobenzene
Concen: 47.893 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:180 Resp: 11384

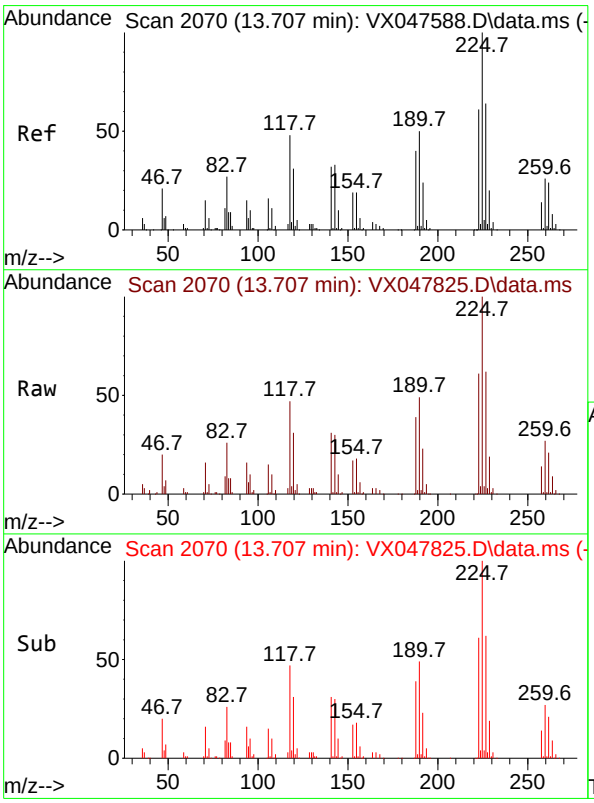
Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.6	139.8
145	32.3	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

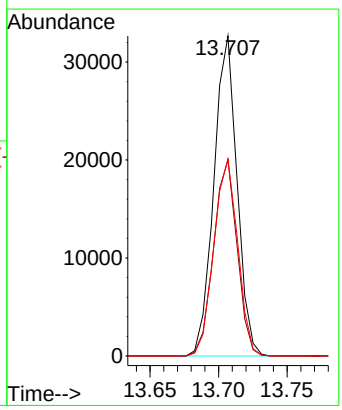
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

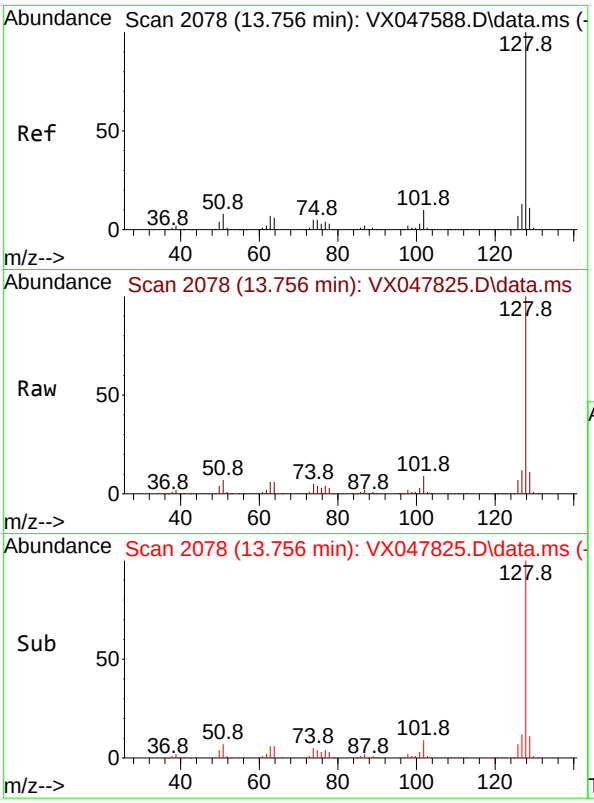


#94
Hexachlorobutadiene
Concen: 47.565 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:225 Resp: 38404

Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.7	95.1
227	63.3	32.0	96.0

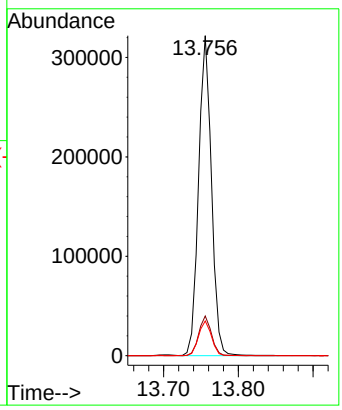




#95
Naphthalene
Concen: 53.058 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:128 Resp: 38404

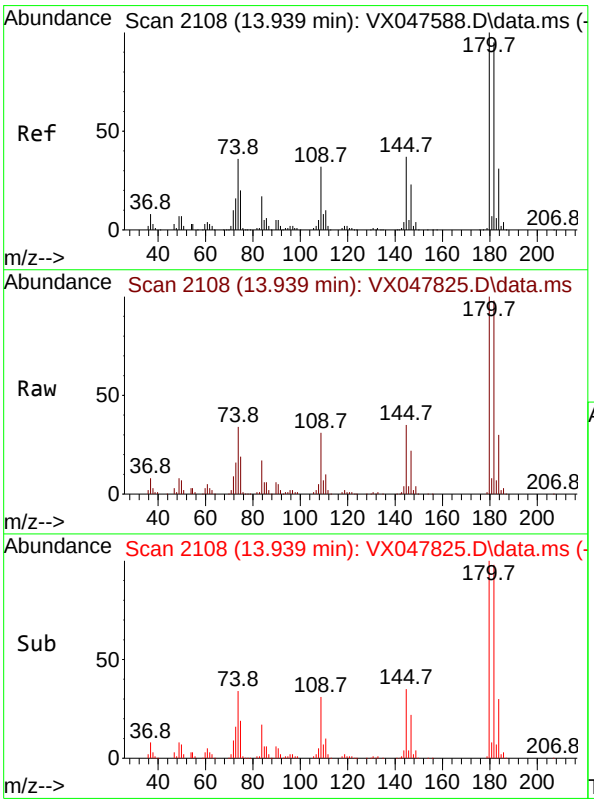
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

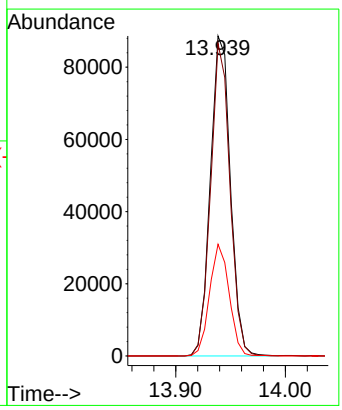
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.990 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:180 Resp: 112747

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.6	142.8
145	34.1	17.9	53.7



Sample Results: **VX047825.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	0.518	0.564	-8.9	89	0.00
3	P	Chloromethane	0.680	0.683	-0.4	82	0.00
4	C	Vinyl Chloride	0.666	0.692	-3.9#	83	0.00
5	T	Bromomethane	0.422	0.381	9.7	71	0.00
6	T	Chloroethane	0.445	0.437	1.8	78	0.00
7	T	Trichlorofluoromethane	0.989	0.984	0.5	78	0.00
8	T	Diethyl Ether	0.405	0.425	-4.9	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.573	0.9	78	0.00
10	T	Methyl Iodide	0.902	0.855	5.2	74	0.00
11	T	Tert butyl alcohol	0.089	0.098	-10.1	87	0.00
12	CM	1,1-Dichloroethene	0.594	0.601	-1.2#	79	0.00
13	T	Acrolein	0.082	0.033	59.8#	32#	0.00
14	T	Allyl chloride	1.226	1.058	13.7	69	0.00
15	T	Acrylonitrile	0.328	0.386	-17.7	88	0.00
16	T	Acetone	0.346	0.311	10.1	77	0.00
17	T	Carbon Disulfide	1.626	1.681	-3.4	85	0.00
18	T	Methyl Acetate	0.770	0.935	-21.4	84	0.00
19	T	Methyl tert-butyl Ether	2.169	2.253	-3.9	79	0.00
20	T	Methylene Chloride	0.732	0.749	-2.3	81	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.660	-3.1	80	0.00
22	T	Diisopropyl ether	2.376	2.469	-3.9	79	0.00
23	T	Vinyl Acetate	1.901	2.011	-5.8	80	0.00
24	P	1,1-Dichloroethane	1.263	1.302	-3.1	79	0.00
25	T	2-Butanone	0.432	0.473	-9.5	85	0.00
26	T	2,2-Dichloropropane	1.050	0.662	37.0#	49#	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.806	-2.9	79	0.00
28	T	Bromochloromethane	0.551	0.585	-6.2	80	0.00
29	T	Tetrahydrofuran	0.260	0.301	-15.8	86	0.00
30	C	Chloroform	1.276	1.331	-4.3#	79	0.00
31	T	Cyclohexane	1.052	1.000	4.9	77	0.00
32	T	1,1,1-Trichloroethane	1.082	1.084	-0.2	76	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.769	3.4	79	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35	S	Dibromofluoromethane	0.335	0.335	0.0	82	0.00
36	T	1,1-Dichloropropene	0.490	0.471	3.9	78	0.00
37	T	Ethyl Acetate	0.525	0.591	-12.6	89	0.00
38	T	Carbon Tetrachloride	0.532	0.512	3.8	76	0.00
39	T	Methylcyclohexane	0.556	0.521	6.3	74	0.00
40	TM	Benzene	1.488	1.511	-1.5	80	0.00
41	T	Methacrylonitrile	0.271	0.303	-11.8	85	0.00
42	TM	1,2-Dichloroethane	0.566	0.556	1.8	77	0.00
43	T	Isopropyl Acetate	0.860	0.905	-5.2	81	0.00
44	TM	Trichloroethene	0.360	0.364	-1.1	79	0.00
45	C	1,2-Dichloropropane	0.381	0.399	-4.7#	81	0.00
46	T	Dibromomethane	0.277	0.288	-4.0	80	0.00
47	T	Bromodichloromethane	0.572	0.592	-3.5	79	0.00
48	T	Methyl methacrylate	0.429	0.464	-8.2	83	0.00

Sample Results: **VX047825.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.006	-50.0#	103	0.00
50	S	Toluene-d8	1.160	1.135	2.2	80	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.550	-15.3	87	0.00
52	CM	Toluene	0.917	0.932	-1.6#	80	0.00
53	T	t-1,3-Dichloropropene	0.584	0.564	3.4	73	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.599	4.0	74	0.00
55	T	1,1,2-Trichloroethane	0.354	0.378	-6.8	83	0.00
56	T	Ethyl methacrylate	0.555	0.604	-8.8	81	0.00
57	T	1,3-Dichloropropane	0.607	0.655	-7.9	83	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.278	-22.5	82	0.00
59	T	2-Hexanone	0.343	0.388	-13.1	87	0.00
60	T	Dibromochloromethane	0.407	0.446	-9.6	82	0.00
61	T	1,2-Dibromoethane	0.360	0.396	-10.0	84	0.00
62	S	4-Bromofluorobenzene	0.440	0.436	0.9	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64	T	Tetrachloroethene	0.326	0.335	-2.8	85	0.00
65	PM	Chlorobenzene	1.136	1.147	-1.0	80	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.410	-4.6	82	0.00
67	C	Ethyl Benzene	1.960	1.966	-0.3#	80	0.00
68	T	m/p-Xylenes	0.729	0.737	-1.1	80	0.00
69	T	o-Xylene	0.706	0.722	-2.3	80	0.00
70	T	Styrene	1.236	1.274	-3.1	81	0.00
71	P	Bromoform	0.293	0.319	-8.9	84	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73	T	Isopropylbenzene	3.801	3.659	3.7	78	0.00
74	T	N-amyl acetate	1.733	1.774	-2.4	82	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.237	-7.6	87	0.00
76	T	1,2,3-Trichloropropane	1.012	0.964	4.7	74	0.00
77	T	Bromobenzene	0.936	0.928	0.9	81	0.00
78	T	n-propylbenzene	4.494	4.342	3.4	78	0.00
79	T	2-Chlorotoluene	2.752	2.668	3.1	79	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.042	2.6	79	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.312	21.4	65	0.00
82	T	4-Chlorotoluene	3.251	3.126	3.8	79	0.00
83	T	tert-Butylbenzene	3.197	3.069	4.0	79	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.079	2.7	80	0.00
85	T	sec-Butylbenzene	3.797	3.654	3.8	78	0.00
86	T	p-Isopropyltoluene	3.215	3.071	4.5	78	0.00
87	T	1,3-Dichlorobenzene	1.739	1.702	2.1	81	0.00
88	T	1,4-Dichlorobenzene	1.785	1.726	3.3	81	0.00
89	T	n-Butylbenzene	2.975	2.833	4.8	78	0.00
90	T	Hexachloroethane	0.564	0.552	2.1	80	0.00
91	T	1,2-Dichlorobenzene	1.657	1.670	-0.8	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.253	-8.6	86	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.031	4.3	77	0.00
94	T	Hexachlorobutadiene	0.366	0.348	4.9	78	0.00
95	T	Naphthalene	3.279	3.479	-6.1	85	0.00

Sample Results: **VX047825.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	1.021	-1.9	81	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX047825.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	54.474	-8.9	89	0.00
3	P	Chloromethane	50.000	50.219	-0.4	82	0.00
4	C	Vinyl Chloride	50.000	51.949	-3.9#	83	0.00
5	T	Bromomethane	50.000	45.135	9.7	71	0.00
6	T	Chloroethane	50.000	49.094	1.8	78	0.00
7	T	Trichlorofluoromethane	50.000	49.757	0.5	78	0.00
8	T	Diethyl Ether	50.000	52.582	-5.2	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.545	0.9	78	0.00
10	T	Methyl Iodide	50.000	47.415	5.2	74	0.00
11	T	Tert butyl alcohol	250.000	277.144	-10.9	87	0.00
12	CM	1,1-Dichloroethene	50.000	50.589	-1.2#	79	0.00
13	T	Acrolein	250.000	101.247	59.5#	32	0.00
14	T	Allyl chloride	50.000	43.166	13.7	69	0.00
15	T	Acrylonitrile	250.000	293.710	-17.5	88	0.00
16	T	Acetone	250.000	224.469	10.2	77	0.00
17	T	Carbon Disulfide	50.000	51.674	-3.3	85	0.00
18	T	Methyl Acetate	50.000	60.675	-21.3	84	0.00
19	T	Methyl tert-butyl Ether	50.000	51.945	-3.9	79	0.00
20	T	Methylene Chloride	50.000	51.139	-2.3	81	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.561	-3.1	80	0.00
22	T	Diisopropyl ether	50.000	51.970	-3.9	79	0.00
23	T	Vinyl Acetate	250.000	264.363	-5.7	80	0.00
24	P	1,1-Dichloroethane	50.000	51.567	-3.1	79	0.00
25	T	2-Butanone	250.000	273.980	-9.6	85	0.00
26	T	2,2-Dichloropropane	50.000	31.514	37.0#	49	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.445	-2.9	79	0.00
28	T	Bromochloromethane	50.000	53.101	-6.2	80	0.00
29	T	Tetrahydrofuran	250.000	289.521	-15.8	86	0.00
30	C	Chloroform	50.000	52.160	-4.3#	79	0.00
31	T	Cyclohexane	50.000	47.524	5.0	77	0.00
32	T	1,1,1-Trichloroethane	50.000	50.074	-0.1	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.334	3.3	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	49.958	0.1	82	0.00
36	T	1,1-Dichloropropene	50.000	48.012	4.0	78	0.00
37	T	Ethyl Acetate	50.000	56.365	-12.7	89	0.00
38	T	Carbon Tetrachloride	50.000	48.132	3.7	76	0.00
39	T	Methylcyclohexane	50.000	46.798	6.4	74	0.00
40	TM	Benzene	50.000	50.755	-1.5	80	0.00
41	T	Methacrylonitrile	50.000	55.861	-11.7	85	0.00
42	TM	1,2-Dichloroethane	50.000	49.092	1.8	77	0.00
43	T	Isopropyl Acetate	50.000	52.593	-5.2	81	0.00
44	TM	Trichloroethene	50.000	50.566	-1.1	79	0.00
45	C	1,2-Dichloropropane	50.000	52.341	-4.7#	81	0.00
46	T	Dibromomethane	50.000	51.886	-3.8	80	0.00
47	T	Bromodichloromethane	50.000	51.750	-3.5	79	0.00
48	T	Methyl methacrylate	50.000	54.110	-8.2	83	0.00

Sample Results: **VX047825.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1422.082	-42.2#	103	0.00
50	S	Toluene-d8	50.000	48.919	2.2	80	0.00
51	T	4-Methyl-2-Pentanone	250.000	288.013	-15.2	87	0.00
52	CM	Toluene	50.000	50.827	-1.7#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	48.298	3.4	73	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.000	4.0	74	0.00
55	T	1,1,2-Trichloroethane	50.000	53.442	-6.9	83	0.00
56	T	Ethyl methacrylate	50.000	54.348	-8.7	81	0.00
57	T	1,3-Dichloropropane	50.000	53.940	-7.9	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	261.058	-4.4	82	0.00
59	T	2-Hexanone	250.000	283.408	-13.4	87	0.00
60	T	Dibromochloromethane	50.000	54.724	-9.4	82	0.00
61	T	1,2-Dibromoethane	50.000	54.937	-9.9	84	0.00
62	S	4-Bromofluorobenzene	50.000	49.551	0.9	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	51.396	-2.8	85	0.00
65	PM	Chlorobenzene	50.000	50.504	-1.0	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.283	-4.6	82	0.00
67	C	Ethyl Benzene	50.000	50.162	-0.3#	80	0.00
68	T	m/p-Xylenes	100.000	101.032	-1.0	80	0.00
69	T	o-Xylene	50.000	51.141	-2.3	80	0.00
70	T	Styrene	50.000	51.539	-3.1	81	0.00
71	P	Bromoform	50.000	54.560	-9.1	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	48.122	3.8	78	0.00
74	T	N-amyl acetate	50.000	51.163	-2.3	82	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.782	-7.6	87	0.00
76	T	1,2,3-Trichloropropane	50.000	47.607	4.8	74	0.00
77	T	Bromobenzene	50.000	49.580	0.8	81	0.00
78	T	n-propylbenzene	50.000	48.313	3.4	78	0.00
79	T	2-Chlorotoluene	50.000	48.461	3.1	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.708	2.6	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	39.266	21.5	65	0.00
82	T	4-Chlorotoluene	50.000	48.090	3.8	79	0.00
83	T	tert-Butylbenzene	50.000	48.002	4.0	79	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.619	2.8	80	0.00
85	T	sec-Butylbenzene	50.000	48.114	3.8	78	0.00
86	T	p-Isopropyltoluene	50.000	47.768	4.5	78	0.00
87	T	1,3-Dichlorobenzene	50.000	48.948	2.1	81	0.00
88	T	1,4-Dichlorobenzene	50.000	48.345	3.3	81	0.00
89	T	n-Butylbenzene	50.000	47.610	4.8	78	0.00
90	T	Hexachloroethane	50.000	48.933	2.1	80	0.00
91	T	1,2-Dichlorobenzene	50.000	50.395	-0.8	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.404	-8.8	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.893	4.2	77	0.00
94	T	Hexachlorobutadiene	50.000	47.565	4.9	78	0.00
95	T	Naphthalene	50.000	53.058	-6.1	85	0.00

Sample Results: **VX047825.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	50.990	-2.0	81	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX047846.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: AECO15
Lab Code: ACE
SDG No.: Q3128
Instrument ID: MSVOA_X
Calibration Date/Time: 09/26/2025 09:28
Lab File ID: VX047846.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.606		16.99	50
Chloromethane	0.680	0.741	0.1	8.97	50
Vinyl Chloride	0.666	0.758		13.81	50
Bromomethane	0.422	0.484		14.69	50
Chloroethane	0.445	0.501		12.58	50
Trichlorofluoromethane	0.989	1.077		8.9	50
1,1,2-Trichlorotrifluoroethane	0.578	0.638		10.38	50
1,1-Dichloroethene	0.594	0.672		13.13	50
Acetone	0.346	0.348		0.58	50
Carbon Disulfide	1.626	1.770		8.86	50
Methyl tert-butyl Ether	2.169	2.523		16.32	50
Methyl Acetate	0.770	1.045		35.71	50
Methylene Chloride	0.732	0.842		15.03	50
trans-1,2-Dichloroethene	0.640	0.723		12.97	50
1,1-Dichloroethane	1.263	1.439	0.1	13.94	50
Cyclohexane	1.052	1.095		4.09	50
2-Butanone	0.432	0.519		20.14	50
Carbon Tetrachloride	0.532	0.548		3.01	50
cis-1,2-Dichloroethene	0.783	0.895		14.3	50
Bromochloromethane	0.551	0.605		9.8	50
Chloroform	1.276	1.490		16.77	50
1,1,1-Trichloroethane	1.082	1.212		12.02	50
Methylcyclohexane	0.556	0.546		-1.8	50
Benzene	1.488	1.635		9.88	50
1,2-Dichloroethane	0.566	0.617		9.01	50
Trichloroethene	0.360	0.393		9.17	50
1,2-Dichloropropane	0.381	0.434		13.91	50
Bromodichloromethane	0.572	0.648		13.29	50
4-Methyl-2-Pentanone	0.477	0.597		25.16	50
Toluene	0.917	1.016		10.8	50
t-1,3-Dichloropropene	0.584	0.586		0.34	50
cis-1,3-Dichloropropene	0.624	0.630		0.96	50
1,1,2-Trichloroethane	0.354	0.418		18.08	50
2-Hexanone	0.343	0.416		21.28	50
Dibromochloromethane	0.407	0.487		19.66	50
1,2-Dibromoethane	0.360	0.431		19.72	50
Tetrachloroethene	0.326	0.356		9.2	50
Chlorobenzene	1.136	1.232	0.3	8.45	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data: **VX047846.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	AECO15
Lab Code:	ACE	SDG No.:	Q3128
Instrument ID:	MSVOA_X	Calibration Date/Time:	09/26/2025 09:28
Lab File ID:	VX047846.D	Init. Calib. Date(s):	09/16/2025 09/16/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:23 12:01

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.082		6.22	50
m/p-Xylenes	0.729	0.787		7.96	50
o-Xylene	0.706	0.772		9.35	50
Styrene	1.236	1.375		11.25	50
Bromoform	0.293	0.341	0.1	16.38	50
Isopropylbenzene	3.801	3.894		2.45	50
1,1,2,2-Tetrachloroethane	1.150	1.325	0.3	15.22	50
1,3-Dichlorobenzene	1.739	1.838		5.69	50
1,4-Dichlorobenzene	1.785	1.846		3.42	50
1,2-Dichlorobenzene	1.657	1.794		8.27	50
1,2-Dibromo-3-Chloropropane	0.233	0.266		14.16	50
1,2,4-Trichlorobenzene	1.077	1.131		5.01	50
1,2,3-Trichlorobenzene	1.002	1.103		10.08	50
1,2-Dichloroethane-d4	0.796	0.855		7.41	50
Dibromofluoromethane	0.335	0.359		7.16	50
Toluene-d8	1.160	1.223		5.43	50
4-Bromofluorobenzene	0.440	0.470		6.82	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\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	122728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	226924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104908	53.702	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.400%			
35) Dibromofluoromethane	5.373	113	81426	53.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.000%			
50) Toluene-d8	8.635	98	277443	52.686	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.380%			
62) 4-Bromofluorobenzene	11.061	95	106584	53.331	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	74375	58.523	ug/l	97
3) Chloromethane	1.301	50	90988	54.475	ug/l	97
4) Vinyl Chloride	1.380	62	93051	56.912	ug/l	98
5) Bromomethane	1.611	94	59411	57.303	ug/l	98
6) Chloroethane	1.691	64	61467	56.248	ug/l	100
7) Trichlorofluoromethane	1.892	101	132138	54.430	ug/l	100
8) Diethyl Ether	2.136	74	58278	58.684	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	78305	55.163	ug/l	99
10) Methyl Iodide	2.453	142	113946	51.469	ug/l	99
11) Tert butyl alcohol	2.947	59	66215	304.339	ug/l	99
12) 1,1-Dichloroethene	2.325	96	82441	56.539	ug/l	96
13) Acrolein	2.239	56	49002	244.406	ug/l	98
14) Allyl chloride	2.666	41	148128	49.230	ug/l	97
15) Acrylonitrile	3.056	53	259870	322.462	ug/l	99
16) Acetone	2.374	43	213449	251.295	ug/l	100
17) Carbon Disulfide	2.514	76	217239	54.421	ug/l	98
18) Methyl Acetate	2.697	43	128304	67.874	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	309590	58.162	ug/l	100
20) Methylene Chloride	2.788	84	103360	57.488	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	88722	56.516	ug/l	98
22) Diisopropyl ether	3.751	45	339588	58.235	ug/l	89
23) Vinyl Acetate	3.715	43	1365399	292.559	ug/l	100
24) 1,1-Dichloroethane	3.605	63	176663	56.999	ug/l	99
25) 2-Butanone	4.544	43	318394	300.509	ug/l	100
26) 2,2-Dichloropropane	4.465	77	67799	26.315	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	109875	57.150	ug/l	93
28) Bromochloromethane	4.891	49	74247	54.872	ug/l	99
29) Tetrahydrofuran	4.989	42	207019	324.797	ug/l	99
30) Chloroform	5.080	83	182880	58.390	ug/l	100
31) Cyclohexane	5.464	56	134385	52.059	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	148727	55.983	ug/l	99
36) 1,1-Dichloropropene	5.684	75	112915	50.775	ug/l	98
37) Ethyl Acetate	4.702	43	138799	58.292	ug/l	100
38) Carbon Tetrachloride	5.666	117	124307	51.447	ug/l	96
39) Methylcyclohexane	7.367	83	123946	49.101	ug/l	99
40) Benzene	6.025	78	371092	54.941	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	73445	59.748	ug/l		99
42) 1,2-Dichloroethane	6.074	62	140116	54.521	ug/l		98
43) Isopropyl Acetate	6.324	43	222742	57.038	ug/l		99
44) Trichloroethene	7.111	130	89171	54.607	ug/l		98
45) 1,2-Dichloropropane	7.415	63	98458	56.928	ug/l		100
46) Dibromomethane	7.568	93	71687	56.959	ug/l		97
47) Bromodichloromethane	7.806	83	147147	56.657	ug/l		97
48) Methyl methacrylate	7.677	41	112437	57.803	ug/l		97
49) 1,4-Dioxane	7.647	88	29787	1515.251	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	677440	312.881	ug/l		100
52) Toluene	8.702	92	230568	55.407	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	133000	50.205	ug/l		97
54) cis-1,3-Dichloropropene	8.354	75	142865	50.456	ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	94900	59.143	ug/l		99
56) Ethyl methacrylate	9.104	69	150069	59.552	ug/l		97
57) 1,3-Dichloropropane	9.293	76	161592	58.624	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	392274	320.095	ug/l		100
59) 2-Hexanone	9.415	43	471702	303.339	ug/l		98
60) Dibromochloromethane	9.506	129	110561	59.800	ug/l		100
61) 1,2-Dibromoethane	9.592	107	97806	59.844	ug/l		99
64) Tetrachloroethene	9.263	164	74341	54.685	ug/l		94
65) Chlorobenzene	10.061	112	257011	54.250	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	90553	55.391	ug/l		99
67) Ethyl Benzene	10.177	91	434237	53.122	ug/l		100
68) m/p-Xylenes	10.287	106	328215	107.876	ug/l		98
69) o-Xylene	10.628	106	161019	54.716	ug/l		98
70) Styrene	10.640	104	286806	55.621	ug/l		98
71) Bromoform	10.781	173	71210	58.336	ug/l	#	97
73) Isopropylbenzene	10.945	105	401797	51.224	ug/l		99
74) N-amyl acetate	10.829	43	193473	54.089	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	136670	57.589	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	106496m	50.981	ug/l		
77) Bromobenzene	11.183	156	102114	52.856	ug/l		97
78) n-propylbenzene	11.287	91	476952	51.437	ug/l		100
79) 2-Chlorotoluene	11.348	91	293217	51.630	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	332360	51.573	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	33564	40.974	ug/l		99
82) 4-Chlorotoluene	11.439	91	346044	51.591	ug/l		99
83) tert-Butylbenzene	11.695	119	334665	50.729	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	338744	51.846	ug/l		99
85) sec-Butylbenzene	11.872	105	400657	51.130	ug/l		99
86) p-Isopropyltoluene	11.994	119	337869	50.930	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	189590	52.835	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	190455	51.714	ug/l		99
89) n-Butylbenzene	12.317	91	306387	49.913	ug/l		99
90) Hexachloroethane	12.518	117	61230	52.570	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	185133	54.154	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	27467	57.166	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	116711	52.530	ug/l		99
94) Hexachlorobutadiene	13.707	225	37538	49.740	ug/l		98
95) Naphthalene	13.756	128	378188	55.899	ug/l		100
96) 1,2,3-Trichlorobenzene	13.945	180	113759	55.042	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

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\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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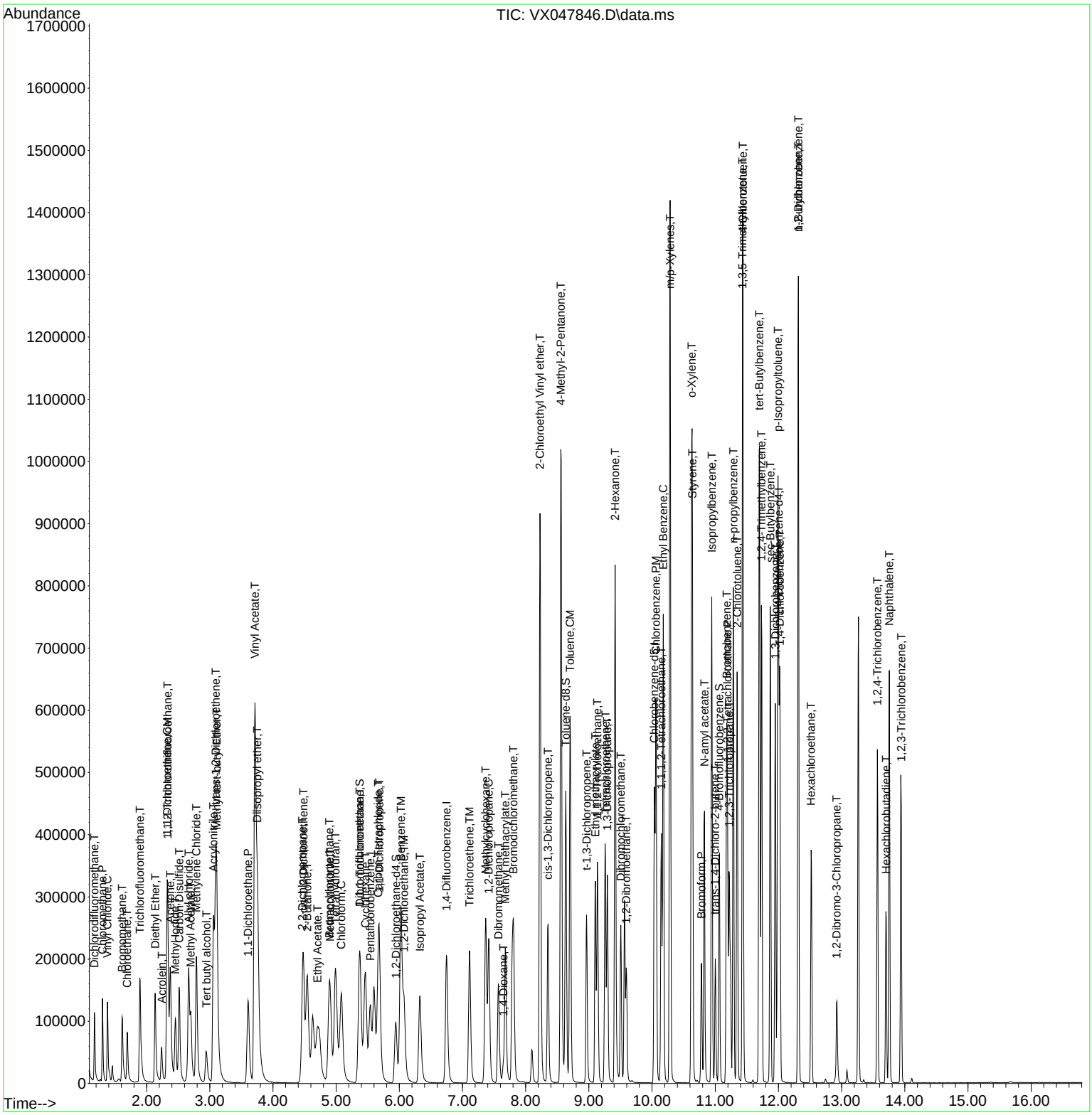
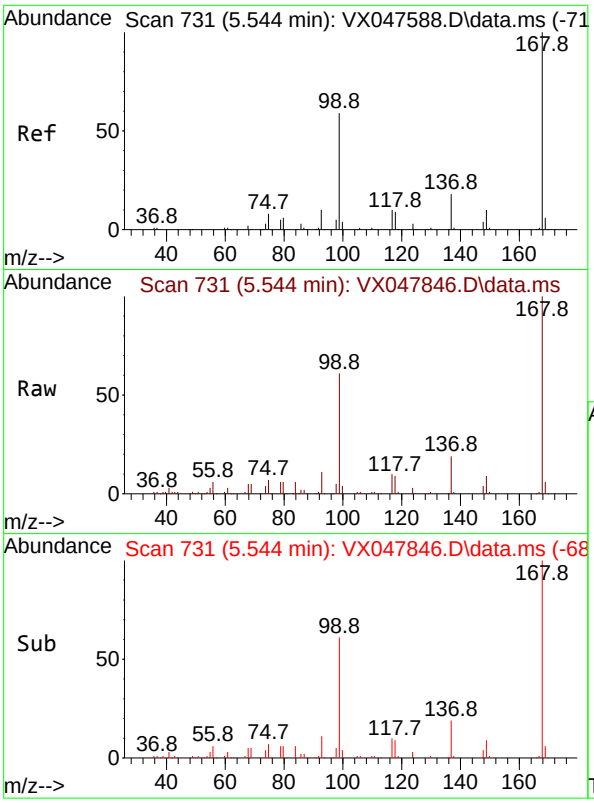
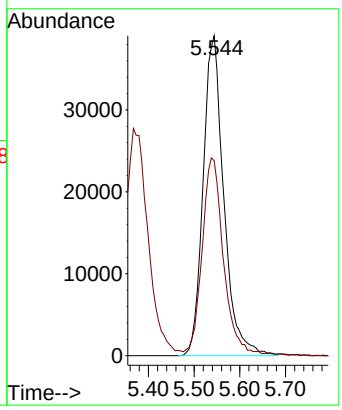




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:168 Resp: 12272

Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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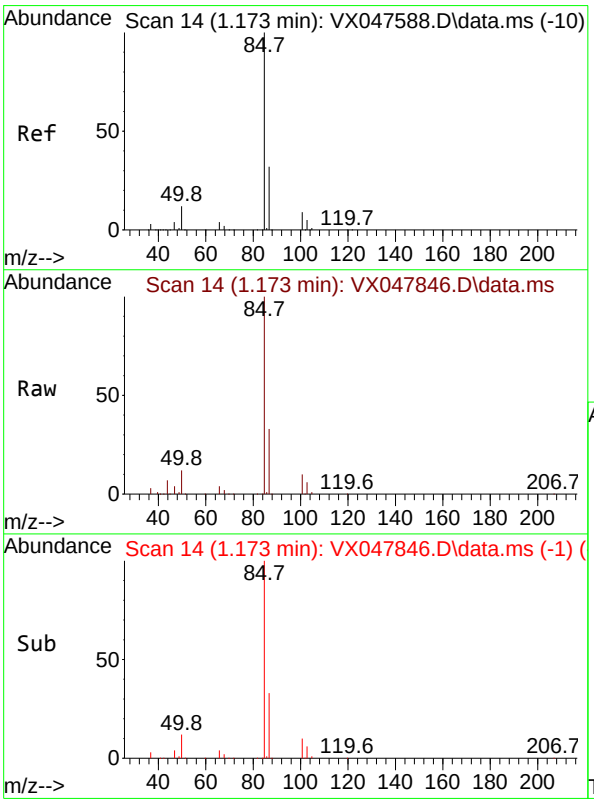
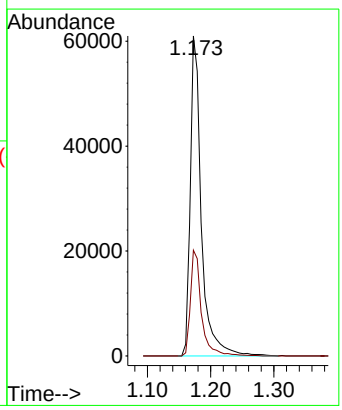
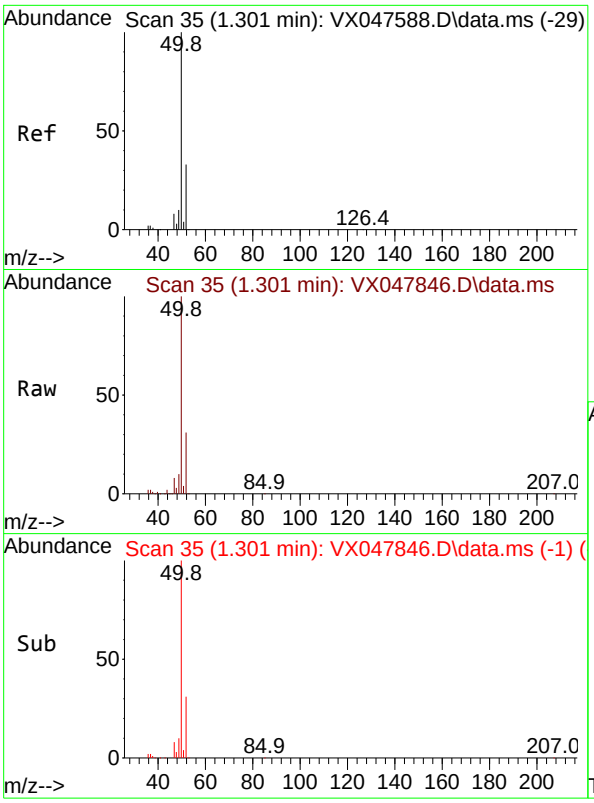


#2
Dichlorodifluoromethane
Concen: 58.523 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 85 Resp: 74375

Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.8	47.3

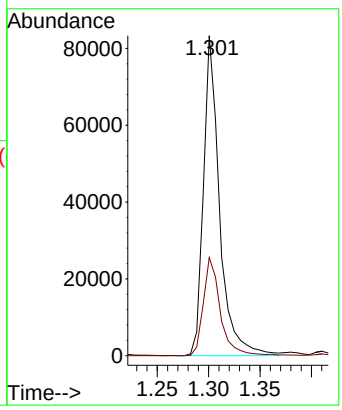




#3
Chloromethane
Concen: 54.475 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 50 Resp: 9098

Ion	Ratio	Lower	Upper
50	100		
52	30.6	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 09/29/2025
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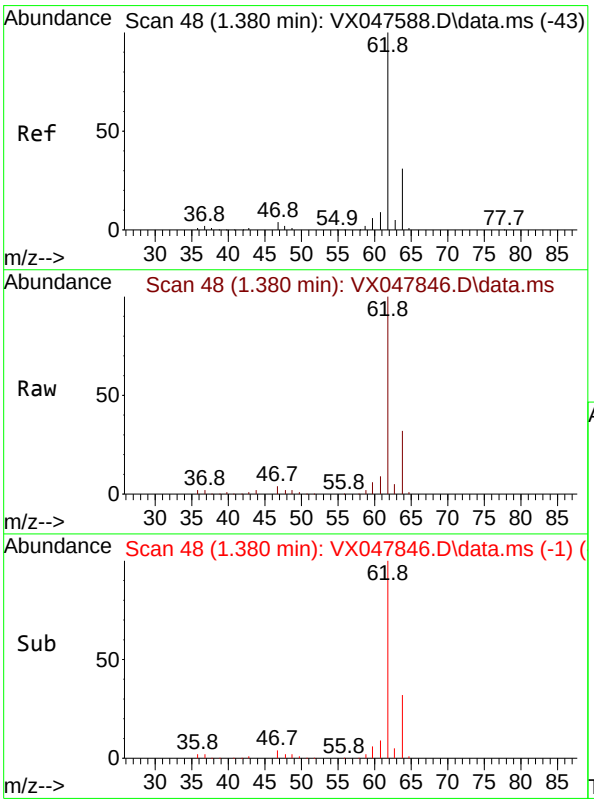
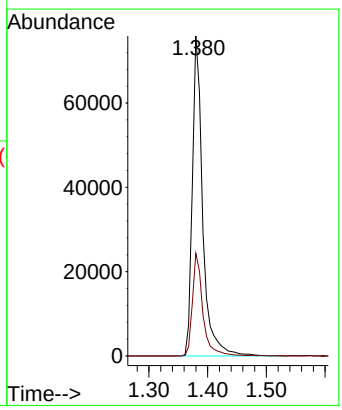
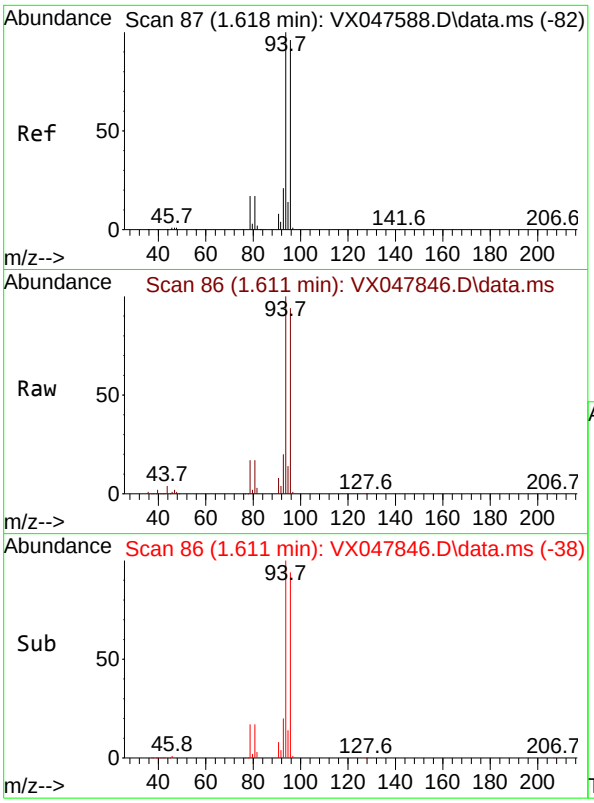


#4
Vinyl Chloride
Concen: 56.912 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 62 Resp: 93051

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3

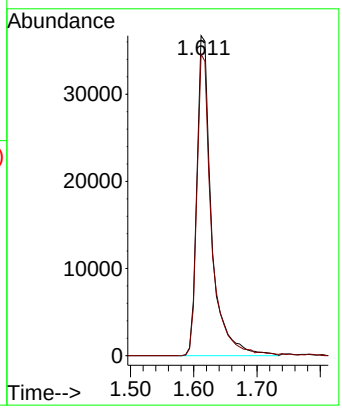




#5
Bromomethane
Concen: 57.303 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 94 Resp: 5941

Ion	Ratio	Lower	Upper
94	100		
96	94.2	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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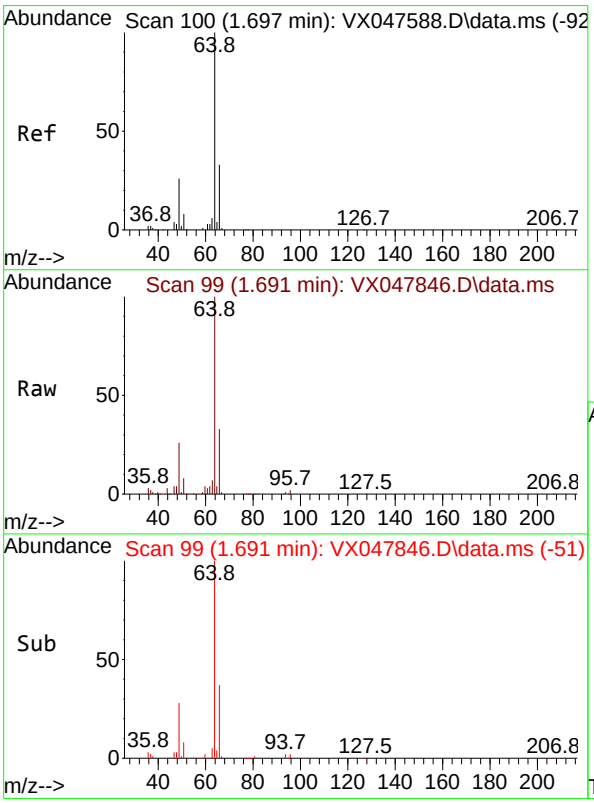
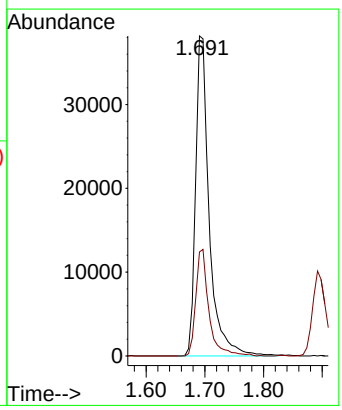
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

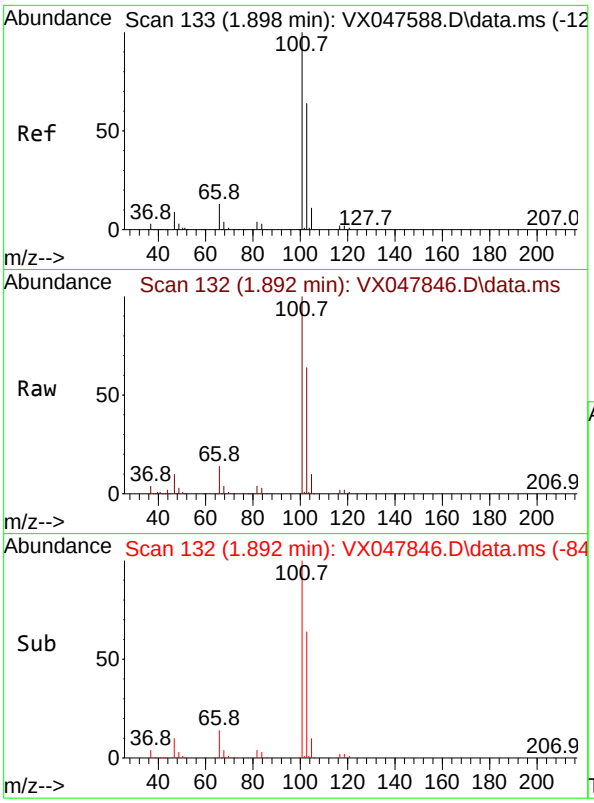


#6
Chloroethane
Concen: 56.248 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 64 Resp: 61467

Ion	Ratio	Lower	Upper
64	100		
66	32.5	26.1	39.1





#7
Trichlorofluoromethane
Concen: 54.430 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:101 Resp: 13213

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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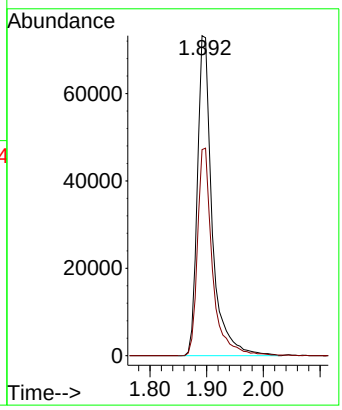
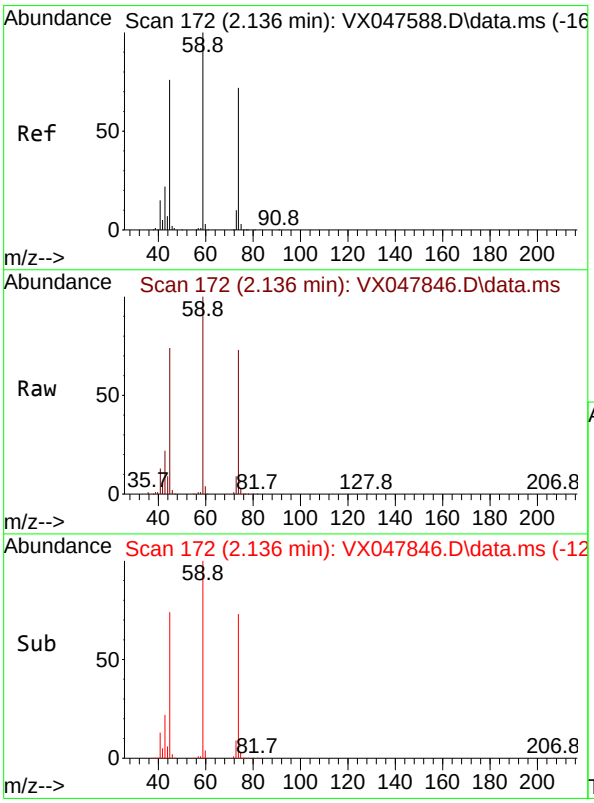
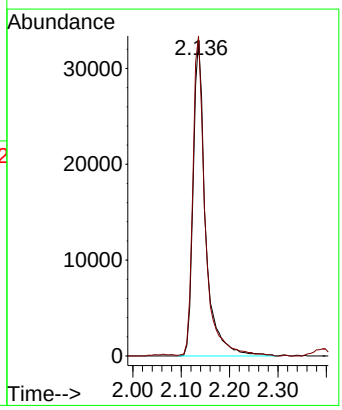


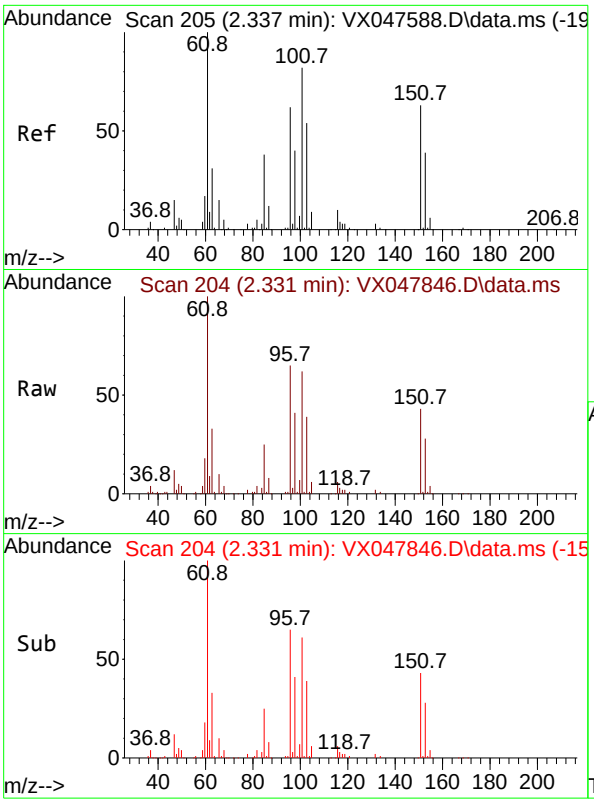


#8
Diethyl Ether
Concen: 58.684 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 74 Resp: 58278

Ion	Ratio	Lower	Upper
74	100		
45	101.9	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.163 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:101 Resp: 7830

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.5	53.3
151	73.2	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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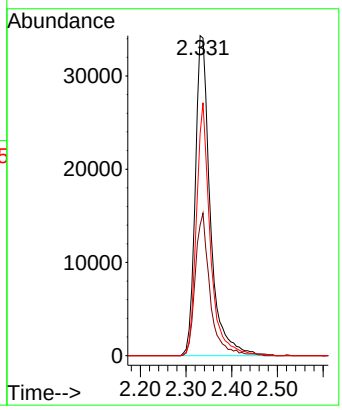
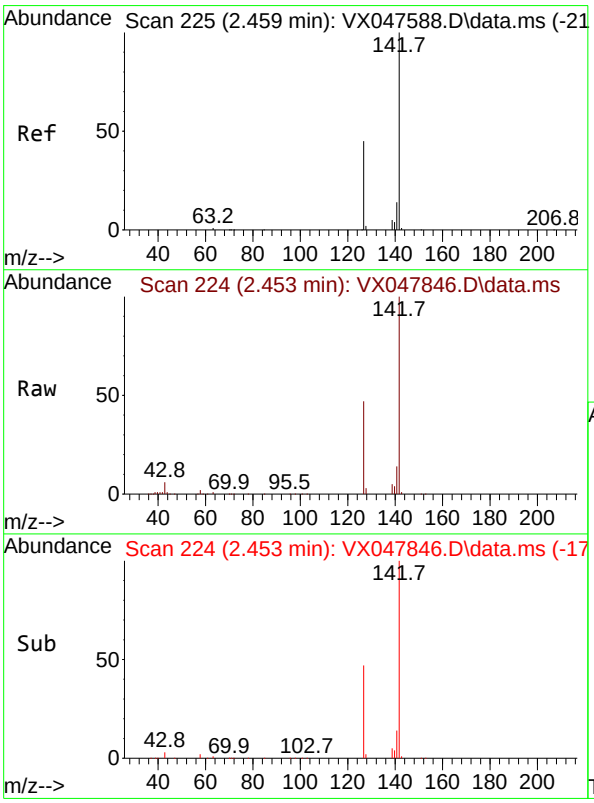
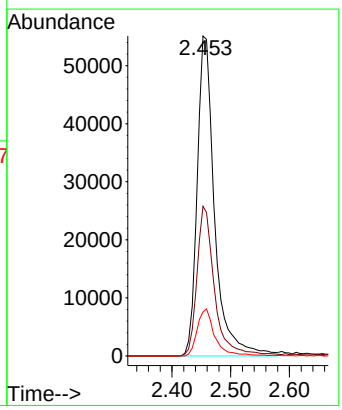


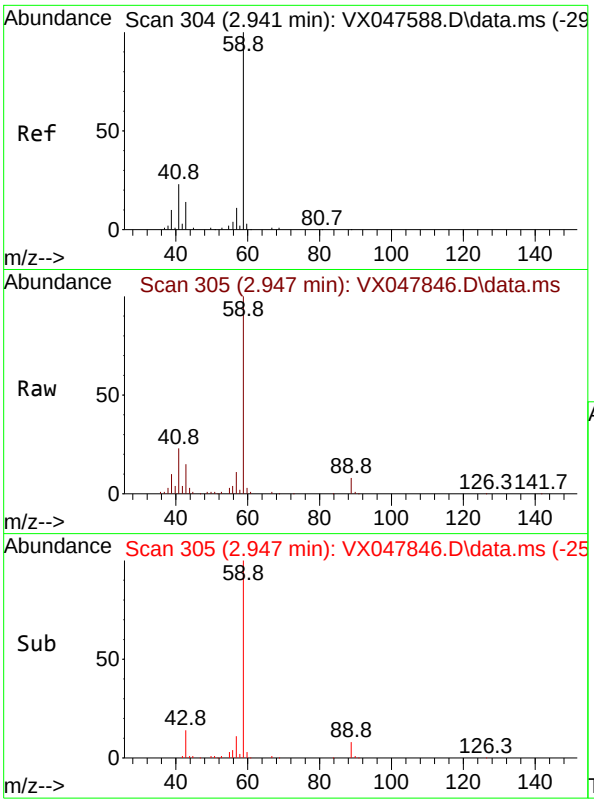


#10
Methyl Iodide
Concen: 51.469 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:142 Resp: 113946

Ion	Ratio	Lower	Upper
142	100		
127	47.1	37.2	55.8
141	14.8	11.4	17.0





#11
Tert butyl alcohol
Concen: 304.339 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 59 Resp: 6621

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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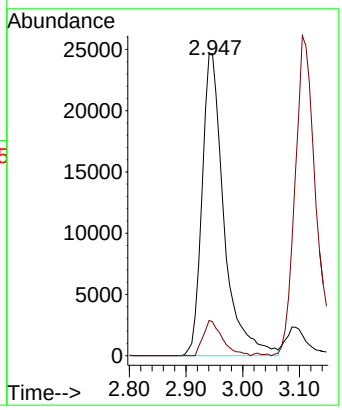
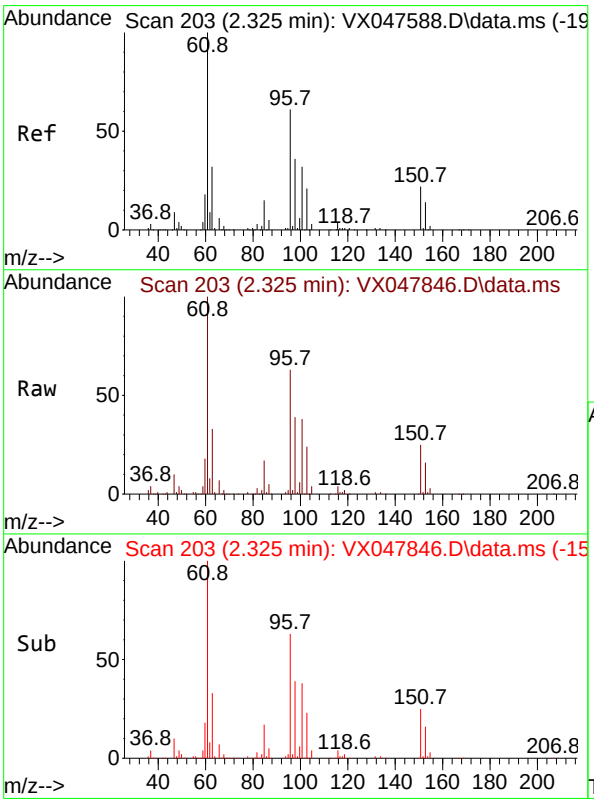
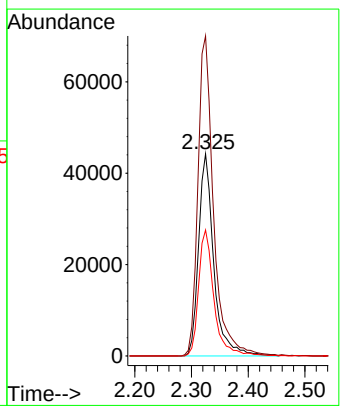


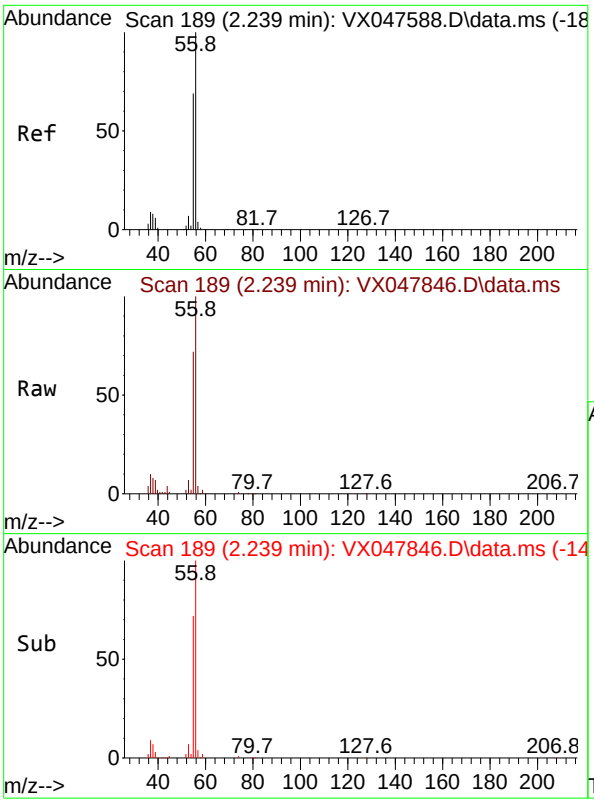


#12
1,1-Dichloroethene
Concen: 56.539 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 96 Resp: 82441

Ion	Ratio	Lower	Upper
96	100		
61	158.3	131.0	196.6
98	62.3	47.7	71.5

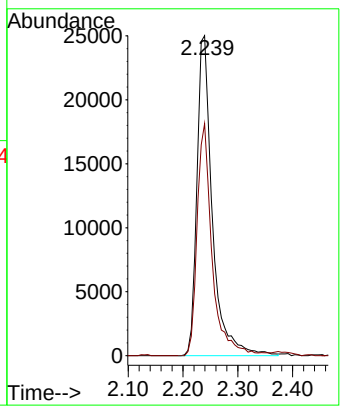




#13
Acrolein
Concen: 244.406 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 56 Resp: 4900

Ion	Ratio	Lower	Upper
56	100		
55	70.2	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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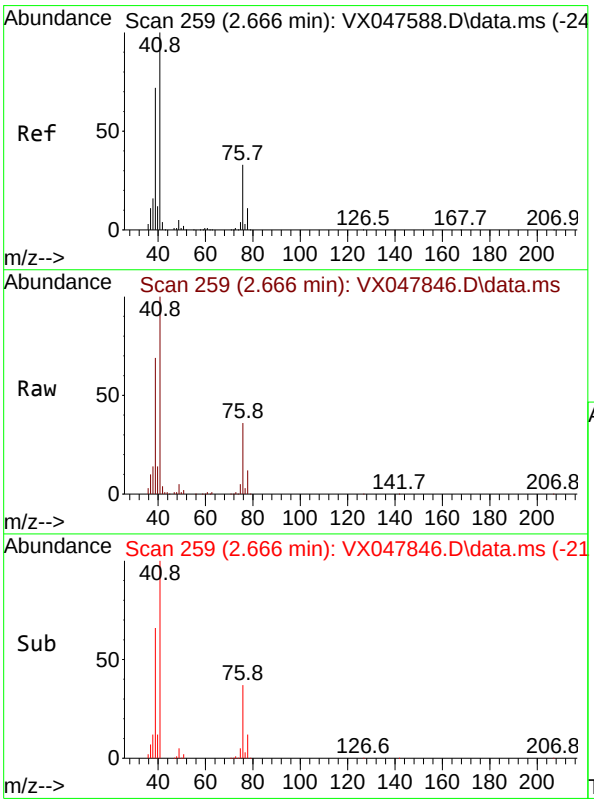
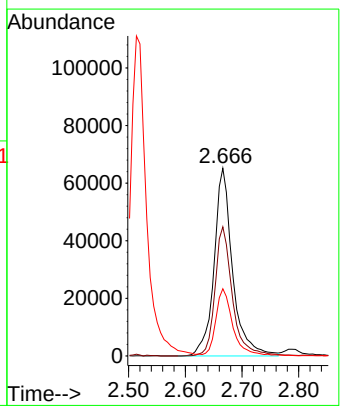
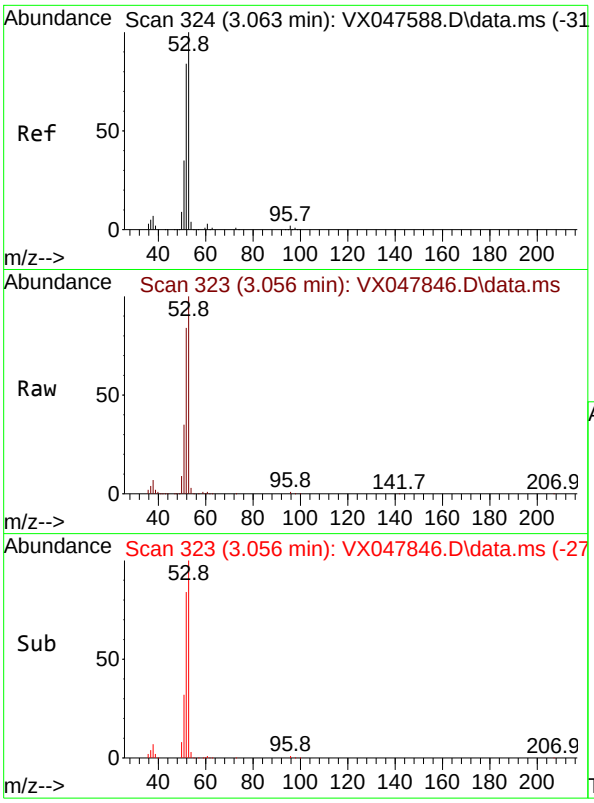


#14
Allyl chloride
Concen: 49.230 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 41 Resp: 148128

Ion	Ratio	Lower	Upper
41	100		
39	64.7	54.7	82.1
76	32.7	25.7	38.5

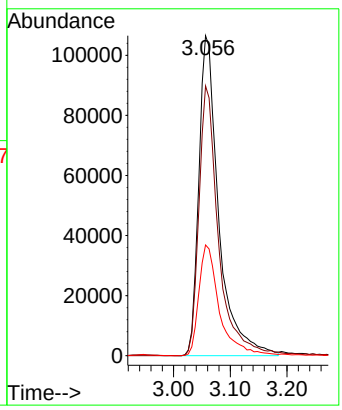




#15
Acrylonitrile
Concen: 322.462 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 53 Resp: 25987

Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.4	99.6
51	36.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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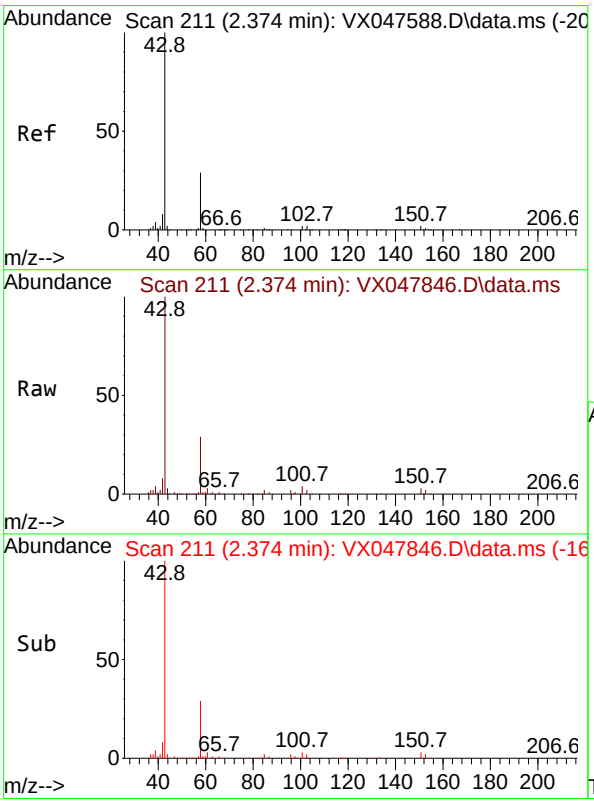
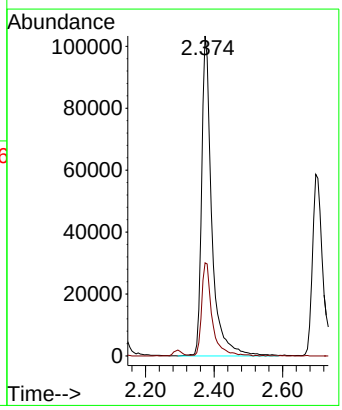
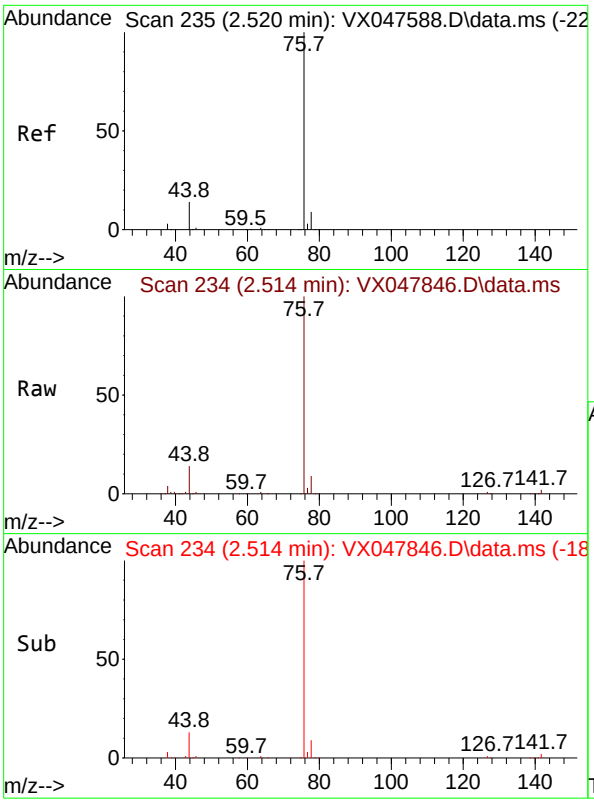


#16
Acetone
Concen: 251.295 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 213449

Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.4	35.0

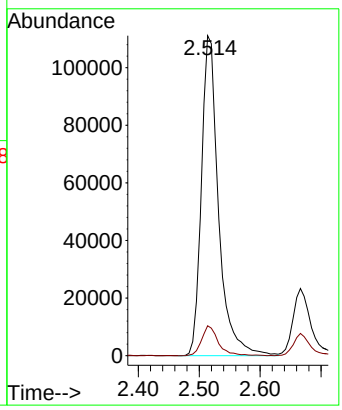




#17
Carbon Disulfide
Concen: 54.421 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 76 Resp: 21723

Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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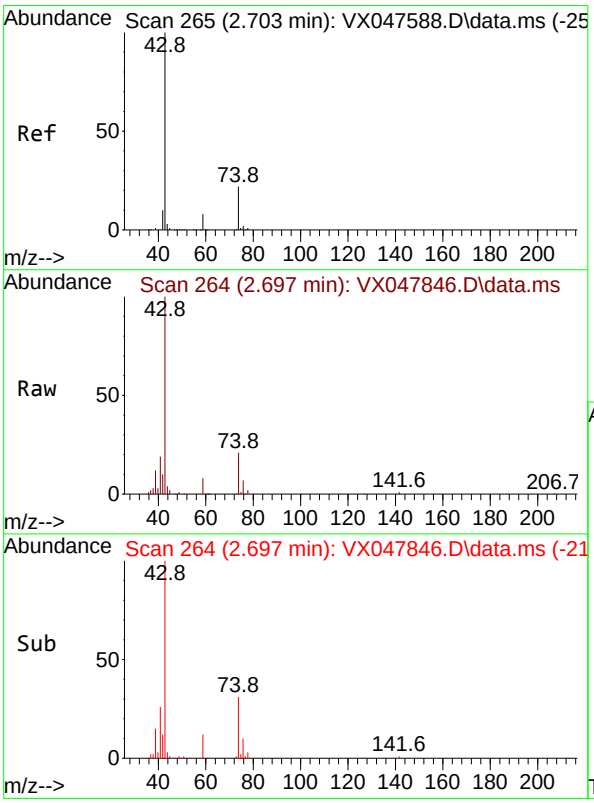
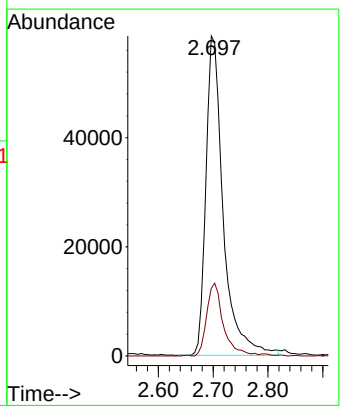
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

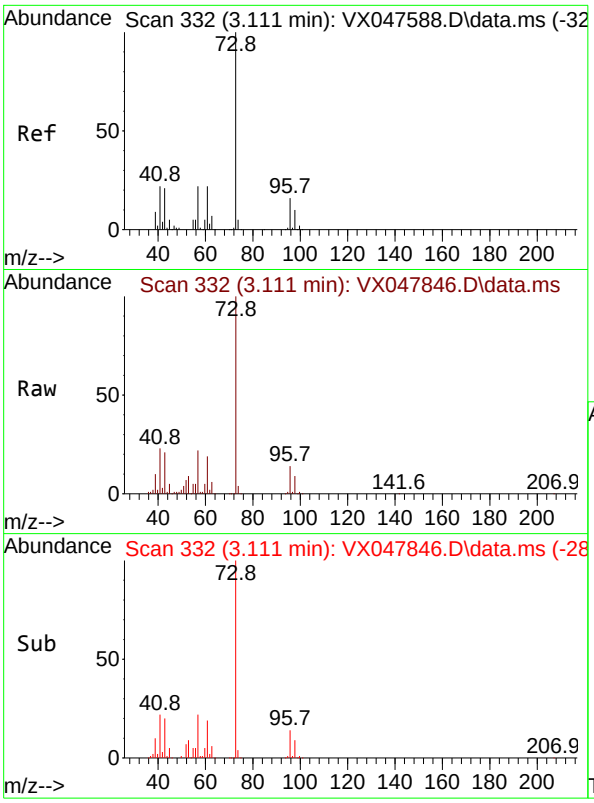


#18
Methyl Acetate
Concen: 67.874 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 128304

Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.4	26.2

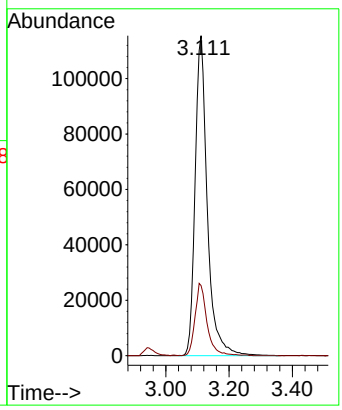




#19
Methyl tert-butyl Ether
Concen: 58.162 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 73 Resp: 30959

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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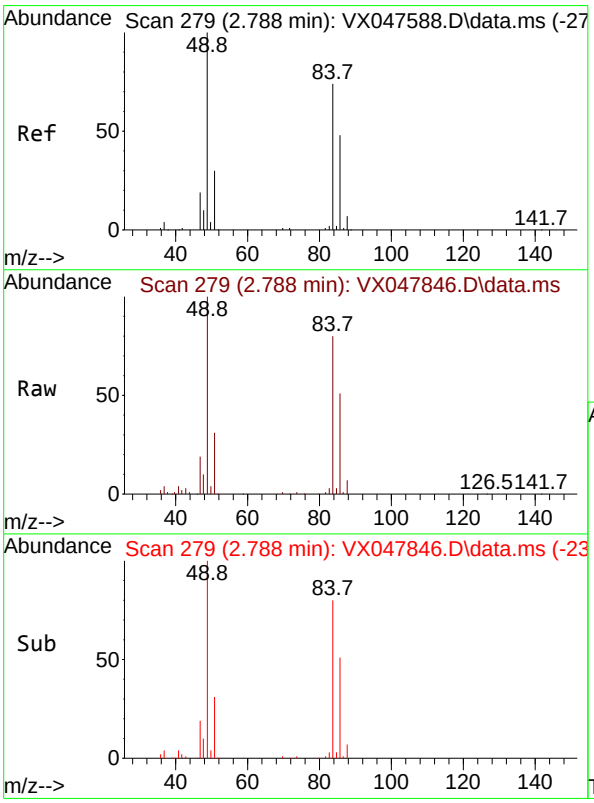
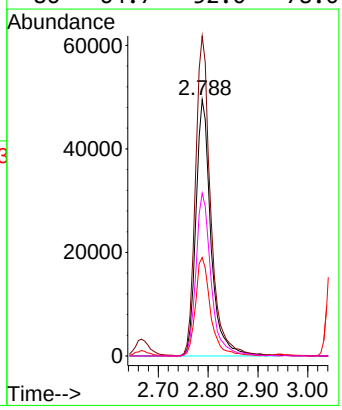
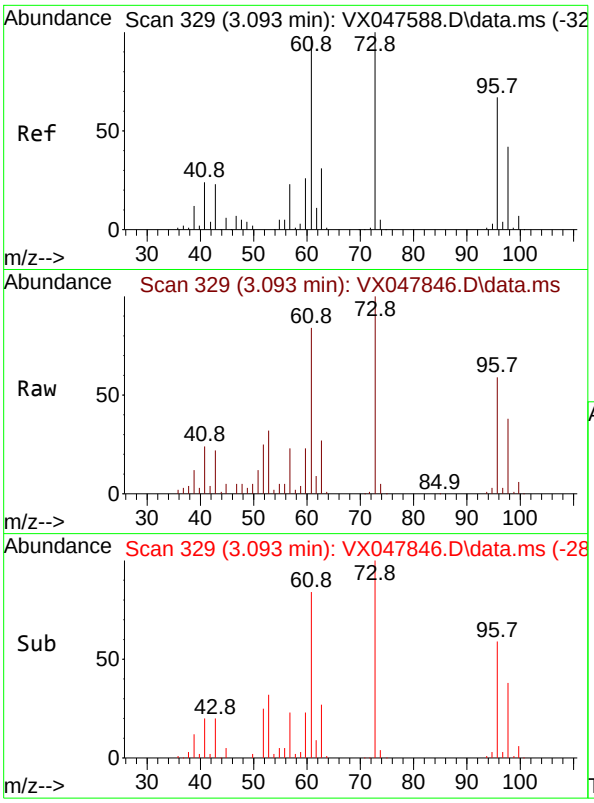


#20
Methylene Chloride
Concen: 57.488 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 84 Resp: 103360

Ion	Ratio	Lower	Upper
84	100		
49	124.6	108.6	162.8
51	38.4	32.6	48.8
86	64.7	52.0	78.0

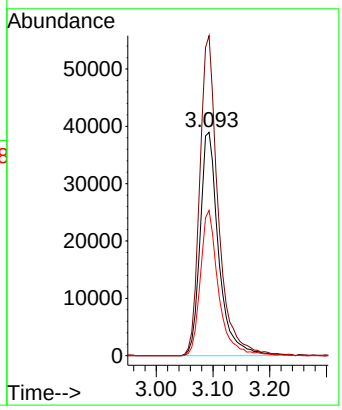




#21
trans-1,2-Dichloroethene
Concen: 56.516 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 96 Resp: 8872

Ion	Ratio	Lower	Upper
96	100		
61	143.3	116.2	174.2
98	65.0	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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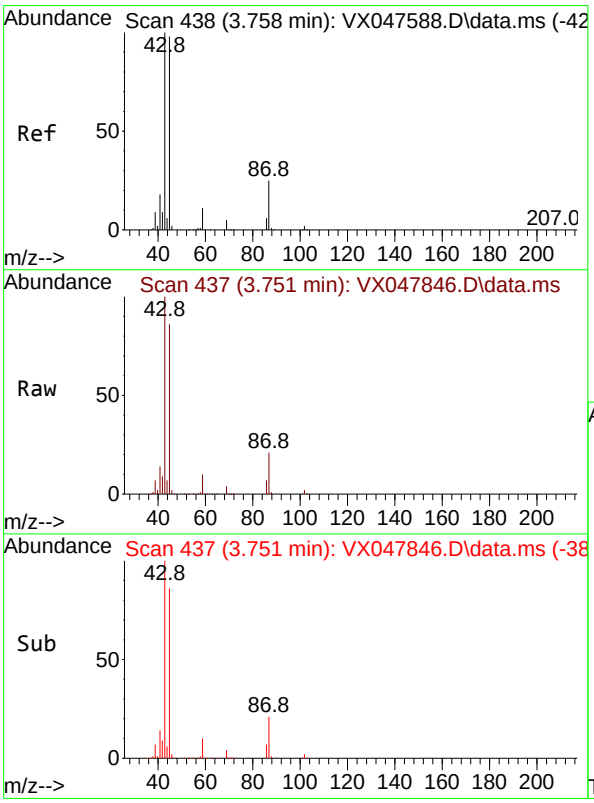
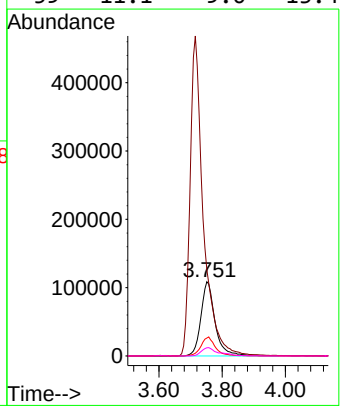
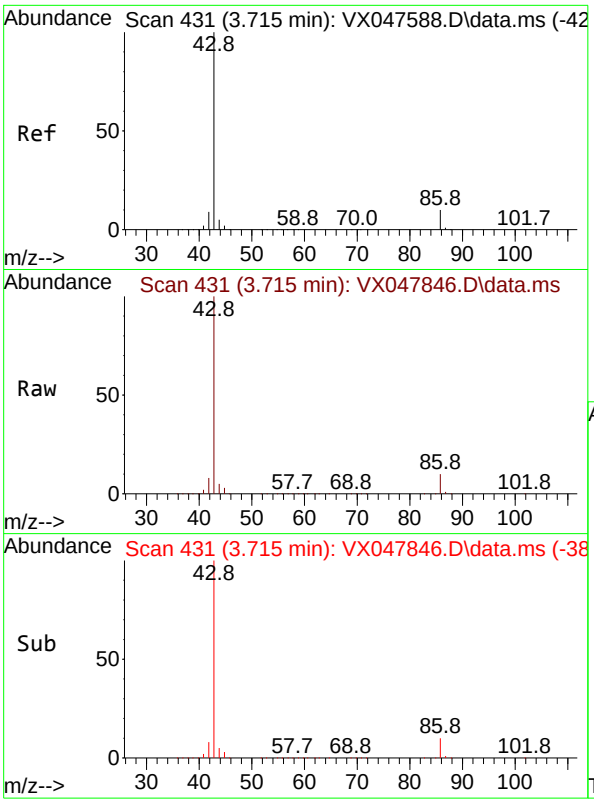


#22
Diisopropyl ether
Concen: 58.235 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 45 Resp: 339588

Ion	Ratio	Lower	Upper
45	100		
43	116.2	81.0	121.4
87	24.1	20.3	30.5
59	11.1	9.0	13.4

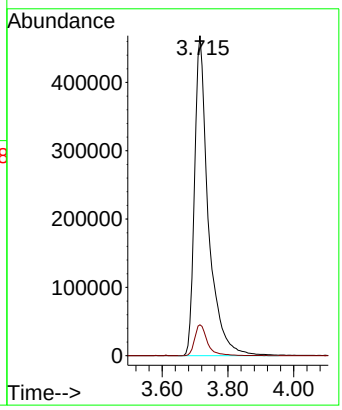




#23
Vinyl Acetate
Concen: 292.559 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 136539

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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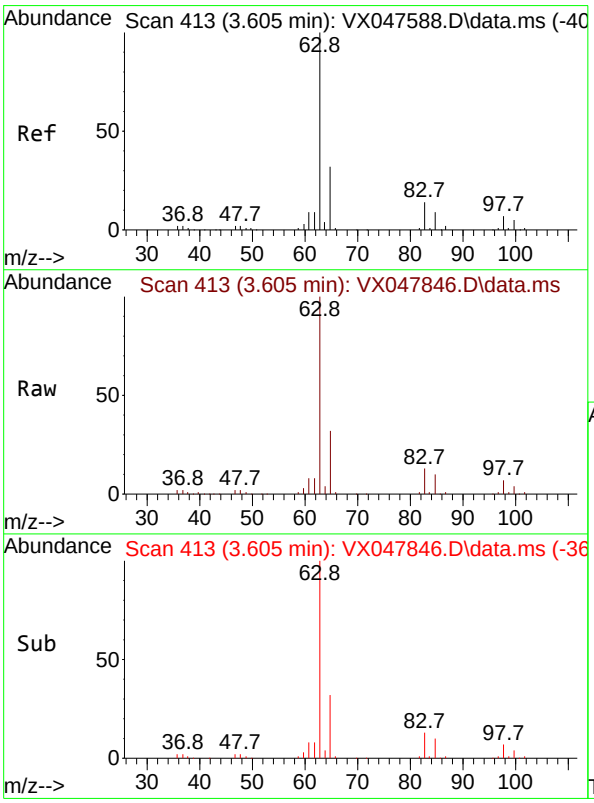
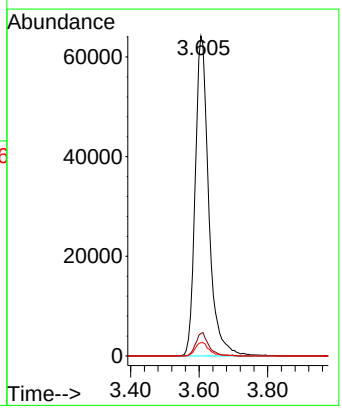
Supervised By :Mahesh Dadoda 09/29/2025

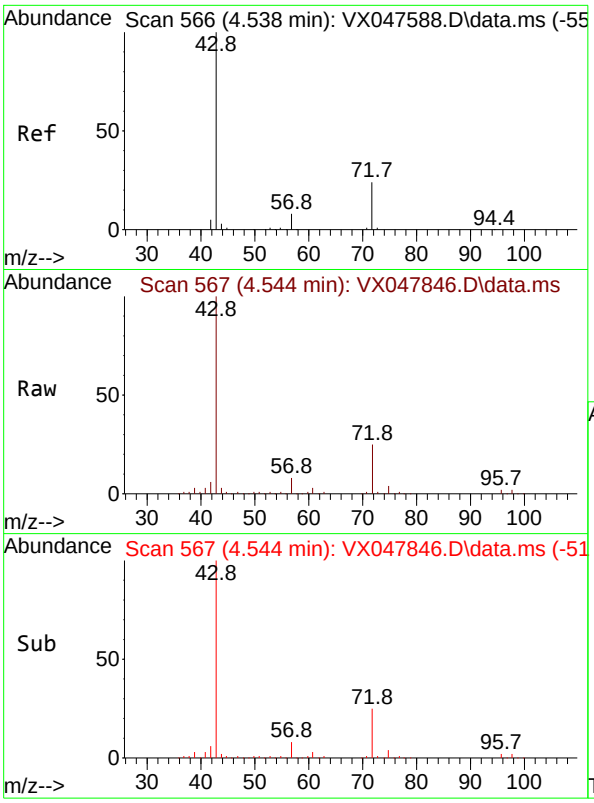


#24
1,1-Dichloroethane
Concen: 56.999 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 63 Resp: 176663

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.2
100	4.4	2.3	6.9

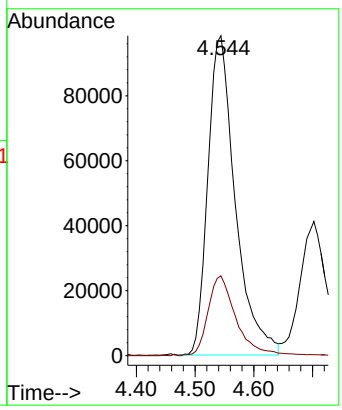




#25
2-Butanone
Concen: 300.509 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 31839

Ion	Ratio	Lower	Upper
43	100		
72	25.0	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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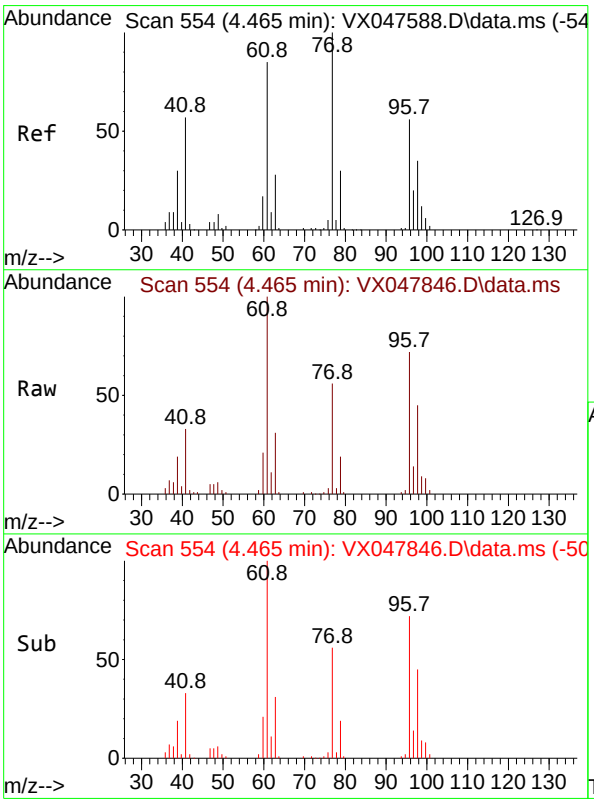
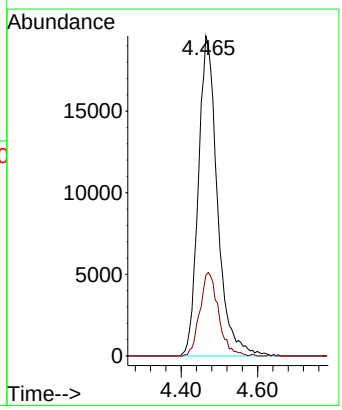
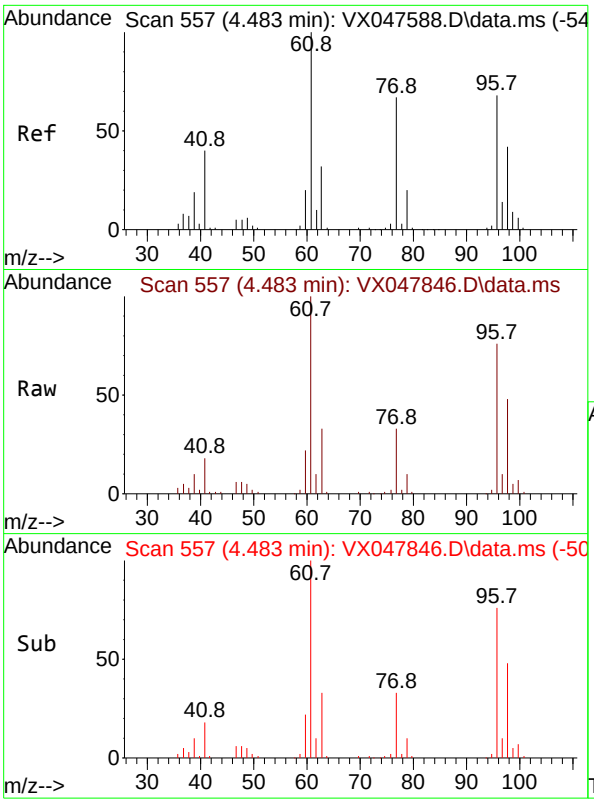


#26
2,2-Dichloropropane
Concen: 26.315 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 77 Resp: 67799

Ion	Ratio	Lower	Upper
77	100		
97	25.6	10.9	32.7





#27
cis-1,2-Dichloroethene
Concen: 57.150 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 96 Resp: 10987

Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	303.2
98	63.9	0.0	127.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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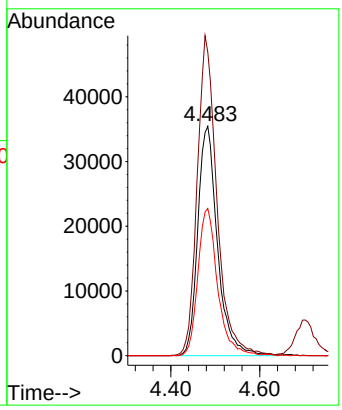
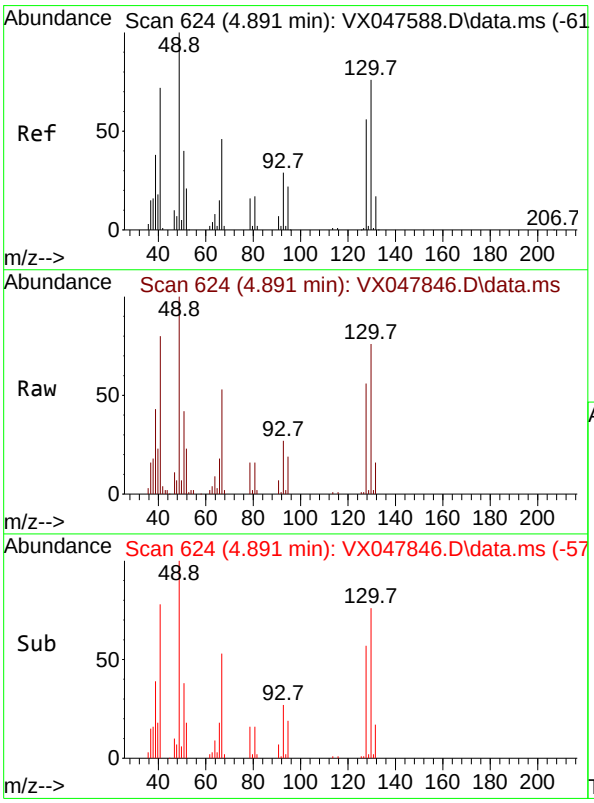
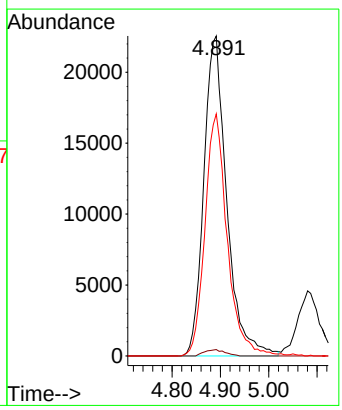


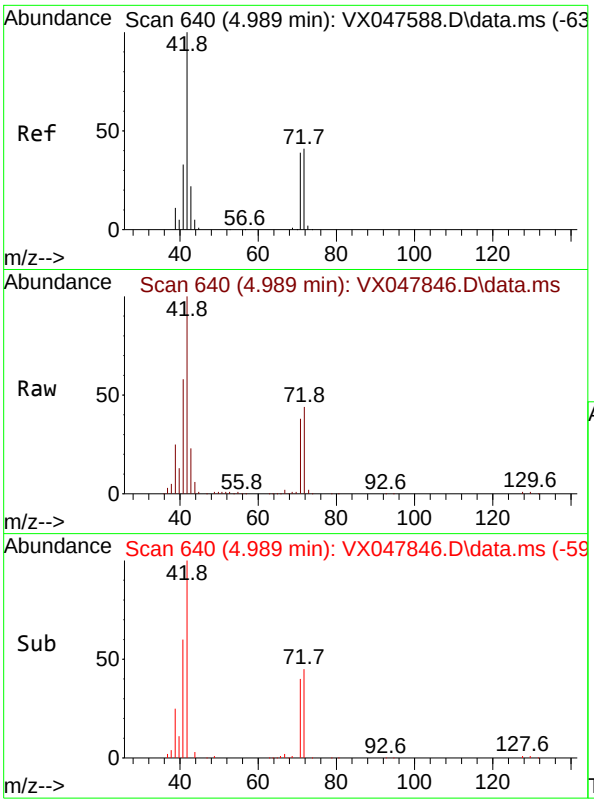


#28
Bromochloromethane
Concen: 54.872 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 49 Resp: 74247

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	73.5	57.8	86.8





#29
Tetrahydrofuran
Concen: 324.797 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 42 Resp: 20701

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.2
71	39.1	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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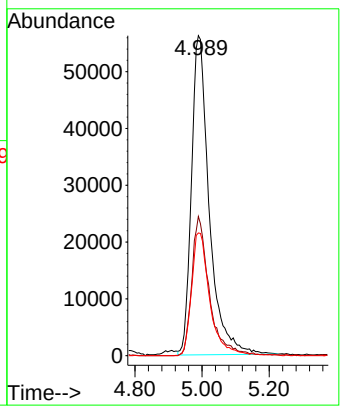
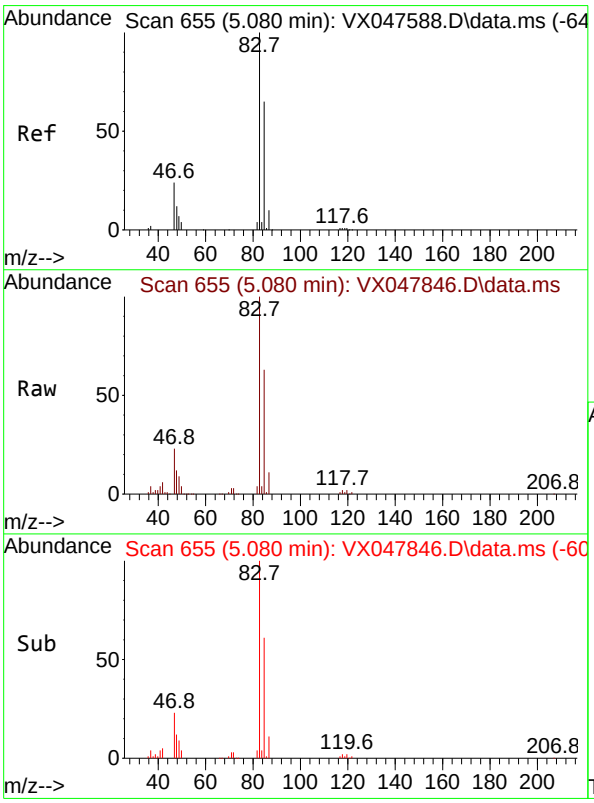
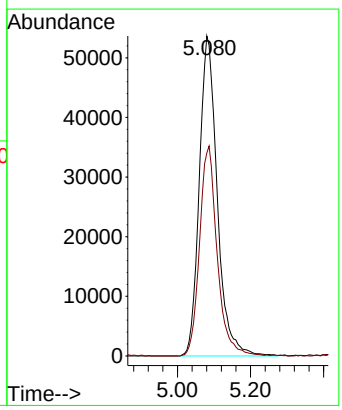


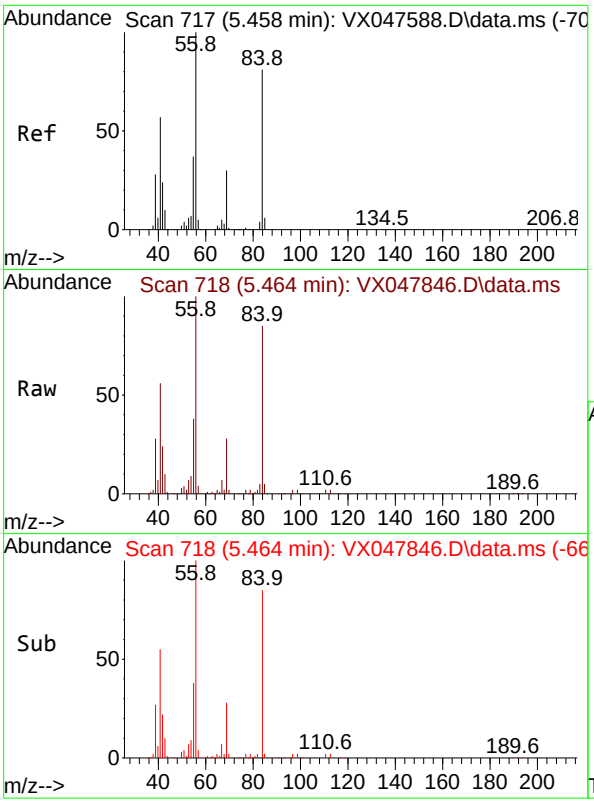


#30
Chloroform
Concen: 58.390 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 83 Resp: 182880

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.6





#31
Cyclohexane
Concen: 52.059 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 56 Resp: 13438

Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.8	35.8
84	85.0	64.6	97.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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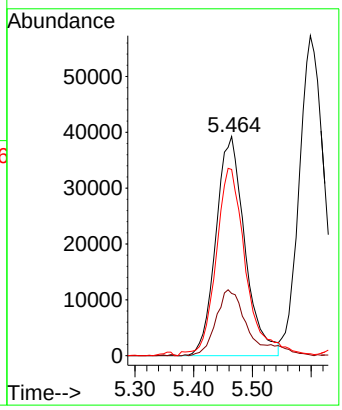
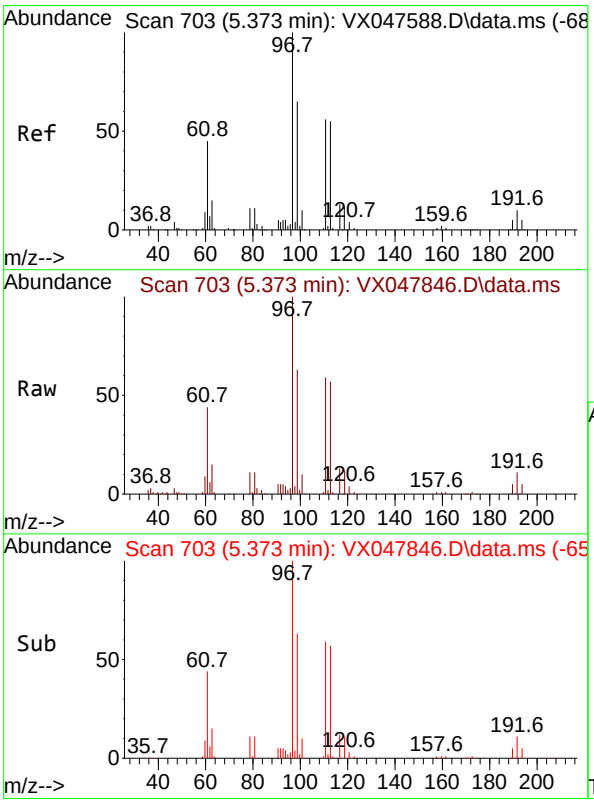
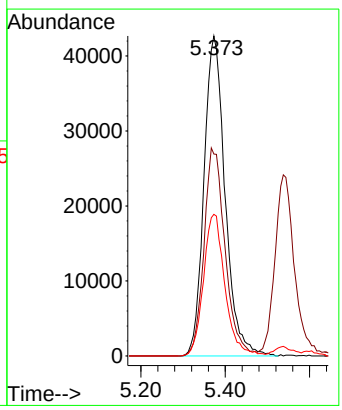


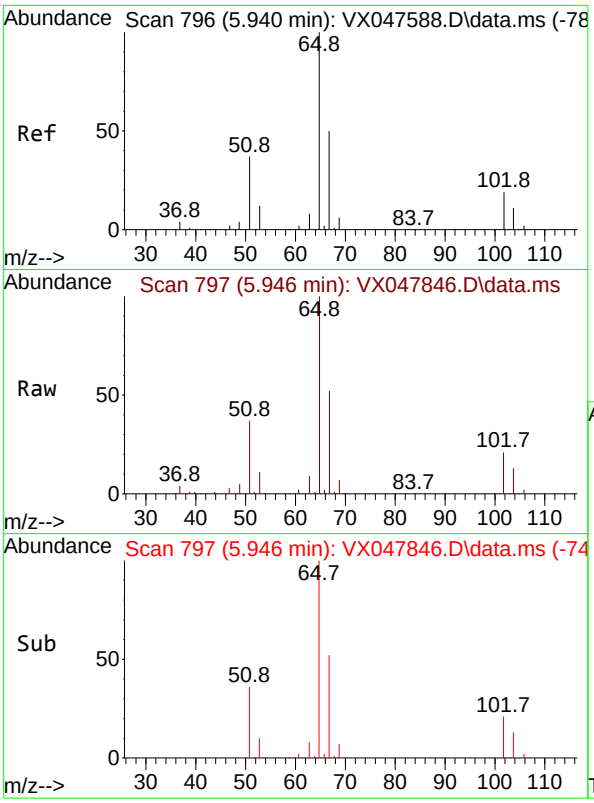


#32
1,1,1-Trichloroethane
Concen: 55.983 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 97 Resp: 148727

Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.6	76.0
61	45.0	35.8	53.8

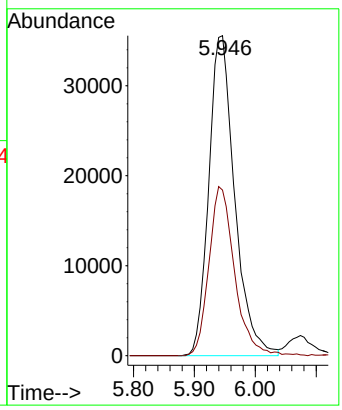




#33
1,2-Dichloroethane-d4
Concen: 53.702 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 65 Resp: 10490

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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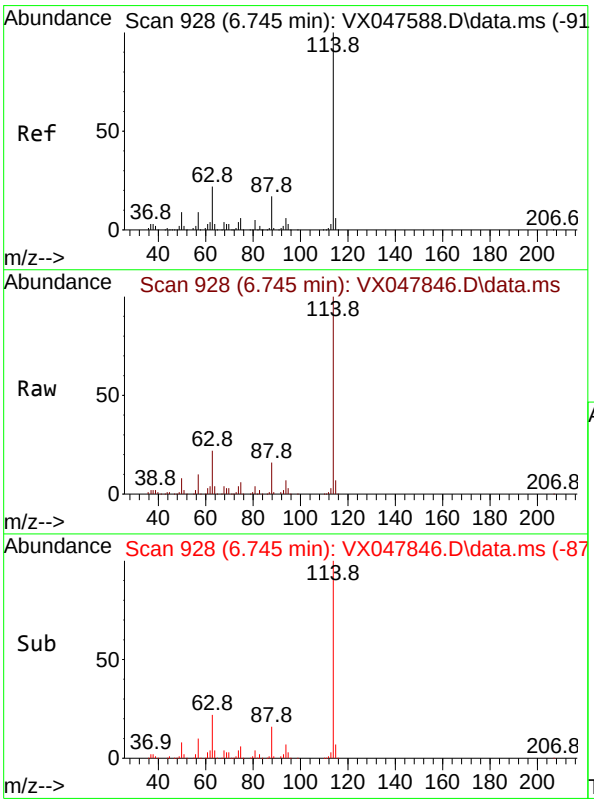
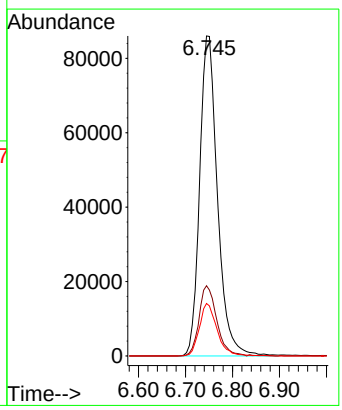
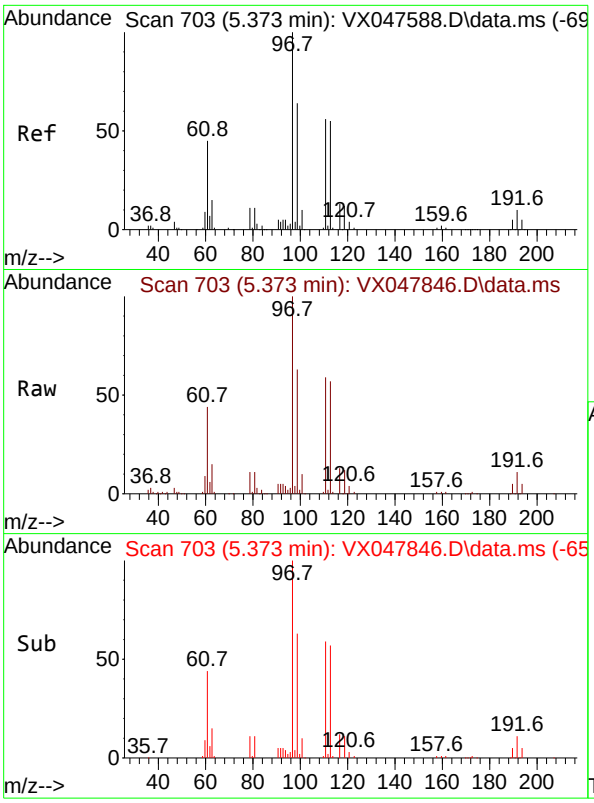


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:114 Resp: 226924

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.0
88	16.4	0.0	34.2





#35
Dibromofluoromethane
Concen: 53.504 ug/l
RT: 5.373 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:113 Resp: 8142(

Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.9	121.3
192	18.2	14.2	21.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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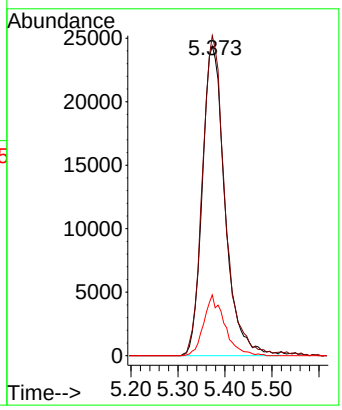
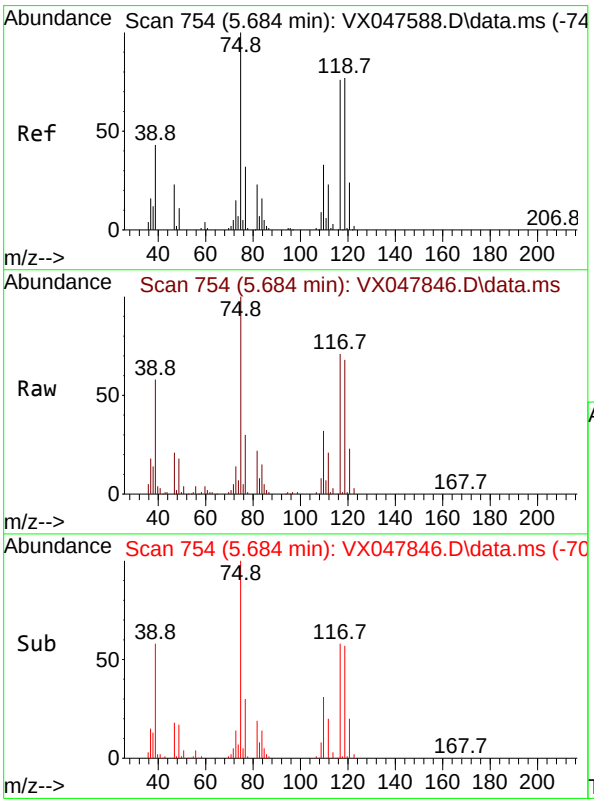
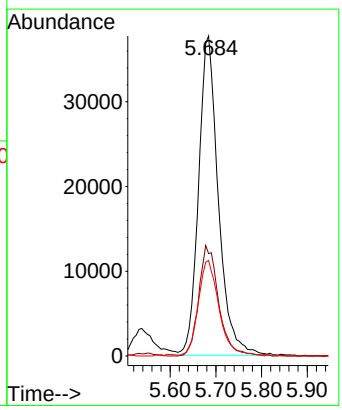


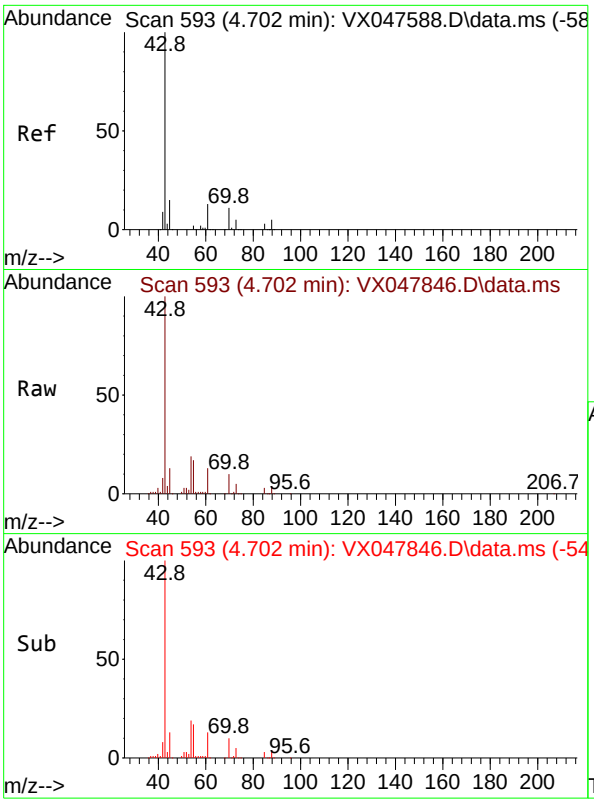


#36
1,1-Dichloropropene
Concen: 50.775 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 112915

Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.7	50.1
77	31.5	24.3	36.5





#37
Ethyl Acetate
Concen: 58.292 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 13879

Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.8	14.8
70	10.0	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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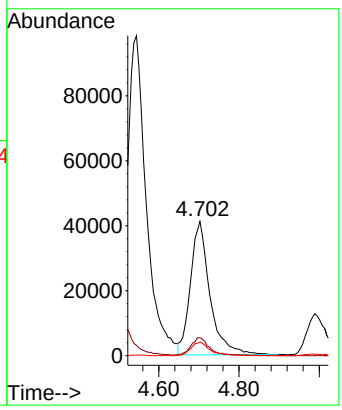
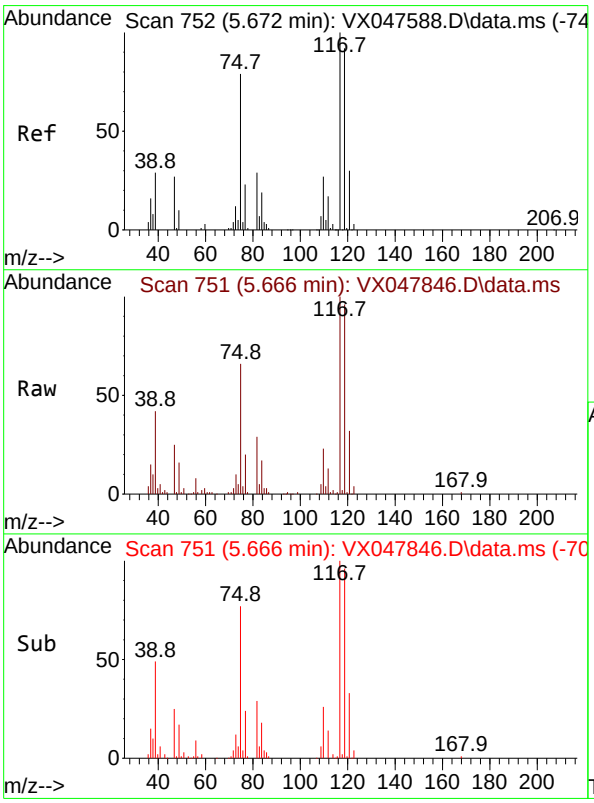
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

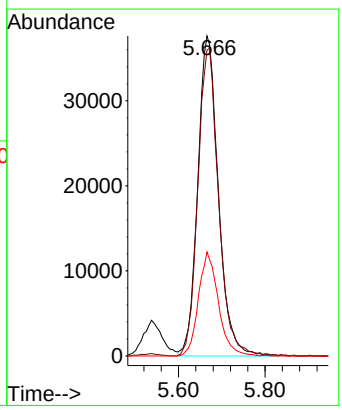


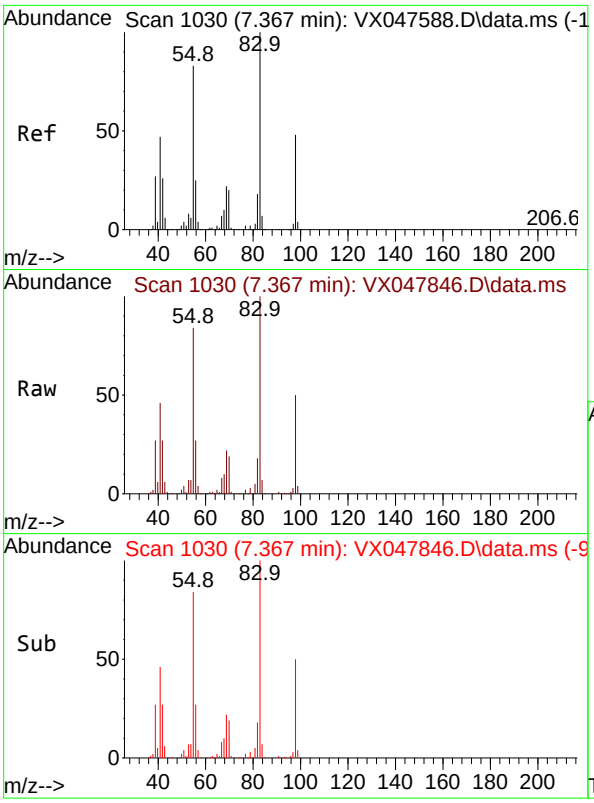


#38
Carbon Tetrachloride
Concen: 51.447 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:117 Resp: 124307

Ion	Ratio	Lower	Upper
117	100		
119	95.4	73.4	110.2
121	32.5	23.8	35.6





#39
Methylcyclohexane
Concen: 49.101 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 83 Resp: 12394

Ion	Ratio	Lower	Upper
83	100		
55	83.5	66.4	99.6
98	49.6	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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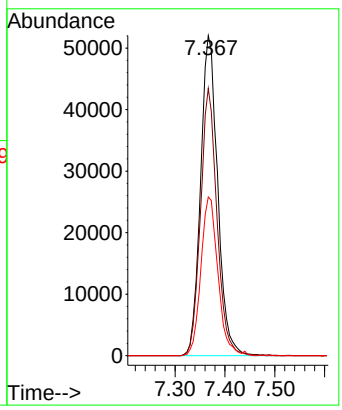
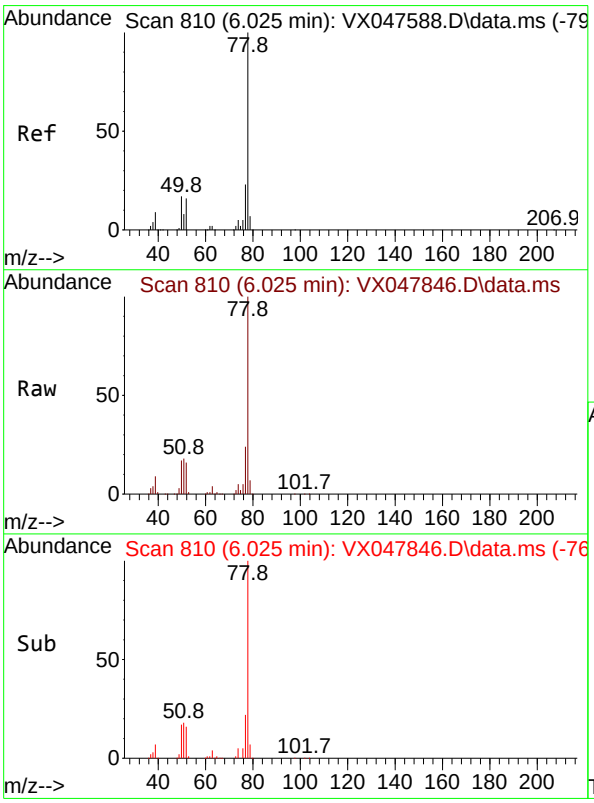
Supervised By :Mahesh Dadoda 09/29/2025

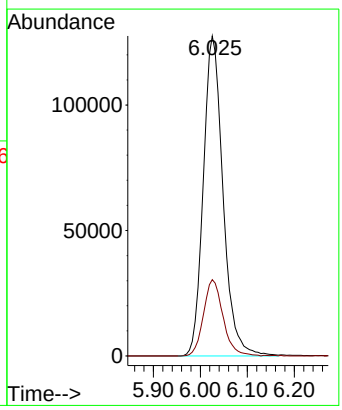


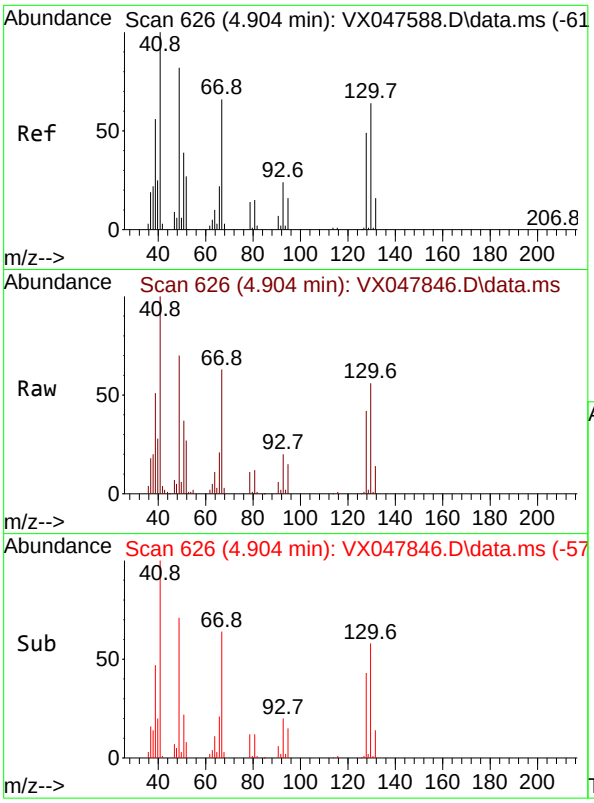


#40
Benzene
Concen: 54.941 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 78 Resp: 371092

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2

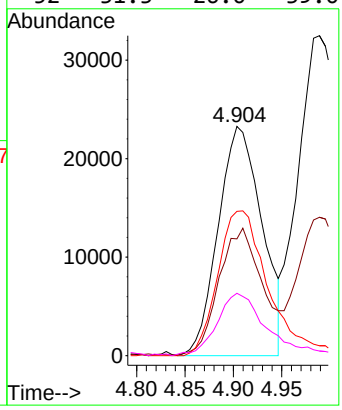




#41
Methacrylonitrile
Concen: 59.748 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 41 Resp: 7344

Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.3	64.9
67	74.9	58.6	87.8
52	31.3	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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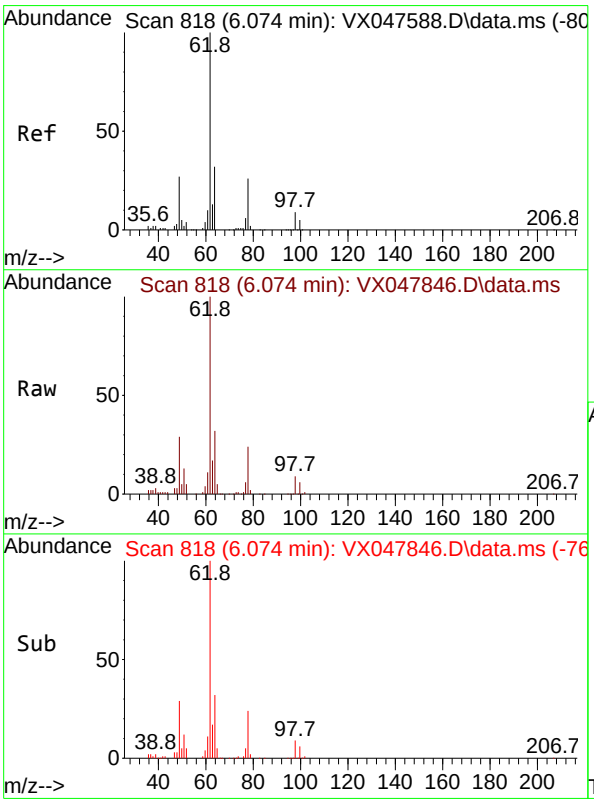
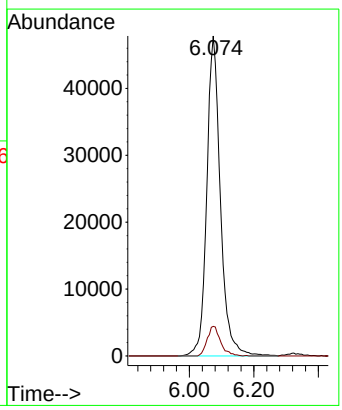
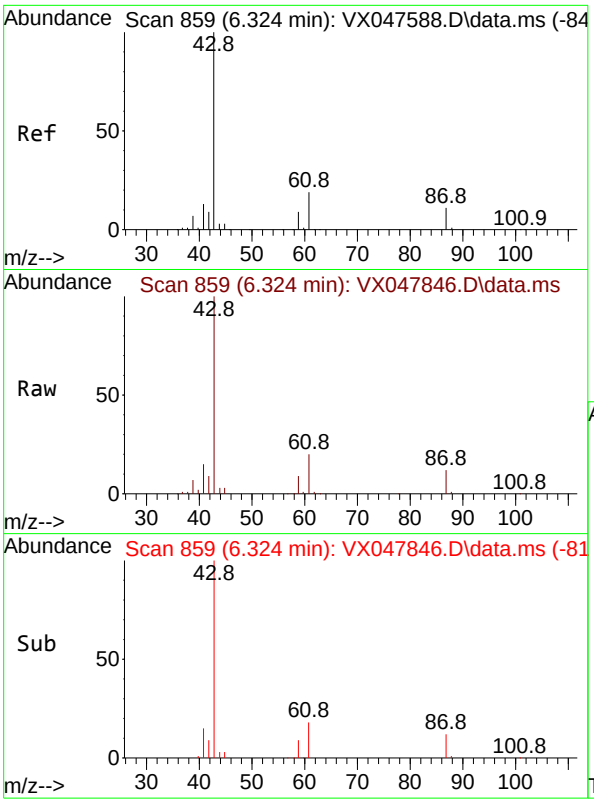


#42
1,2-Dichloroethane
Concen: 54.521 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 62 Resp: 140116

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0





#43
Isopropyl Acetate
Concen: 57.038 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 22274

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	12.5	9.6	14.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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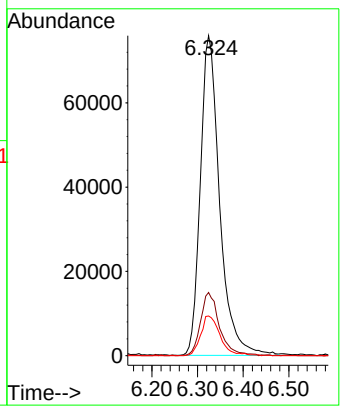
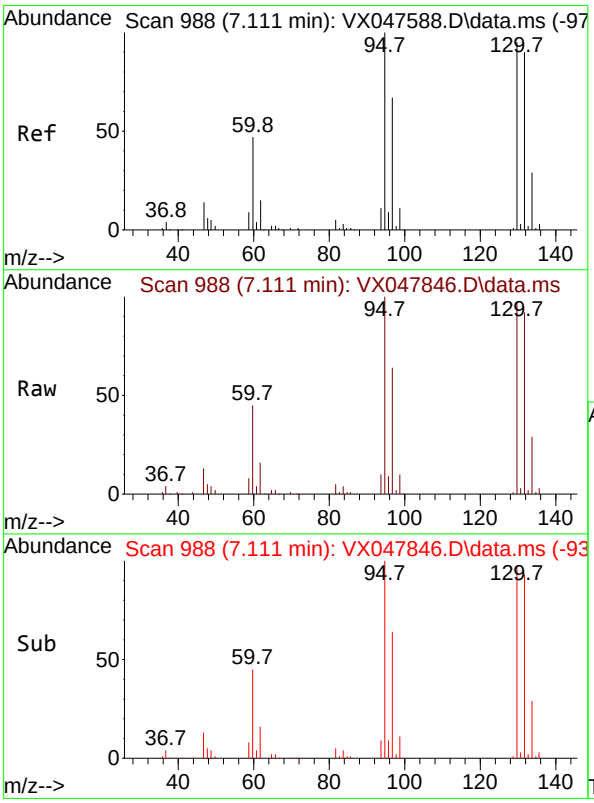
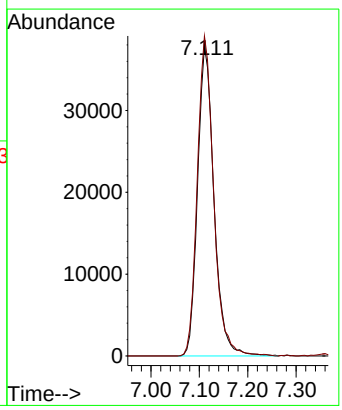


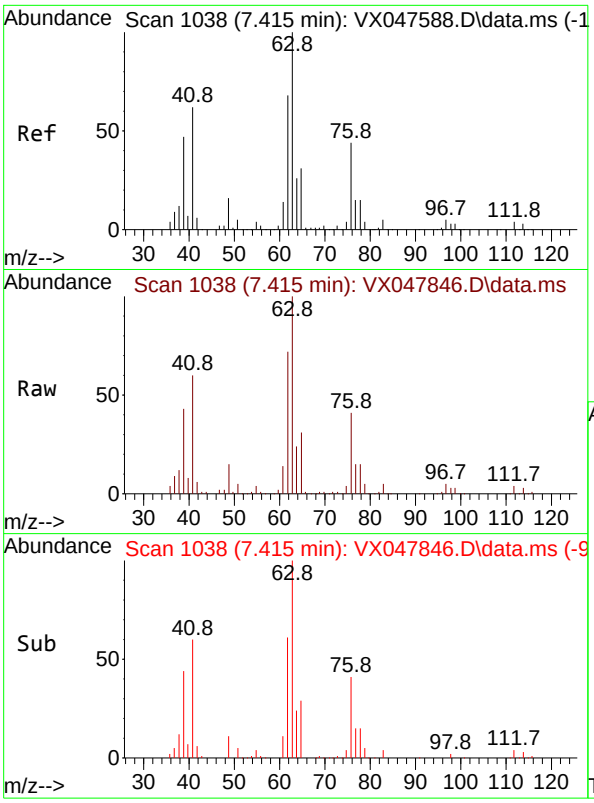


#44
Trichloroethene
Concen: 54.607 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:130 Resp: 89171

Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	210.8





#45
1,2-Dichloropropane
Concen: 56.928 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 63 Resp: 9845

Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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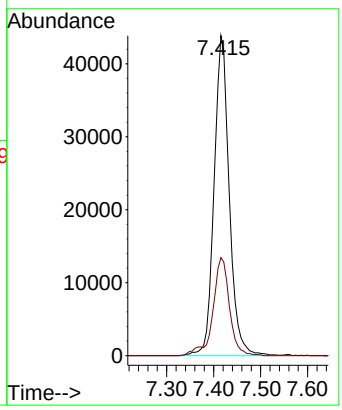
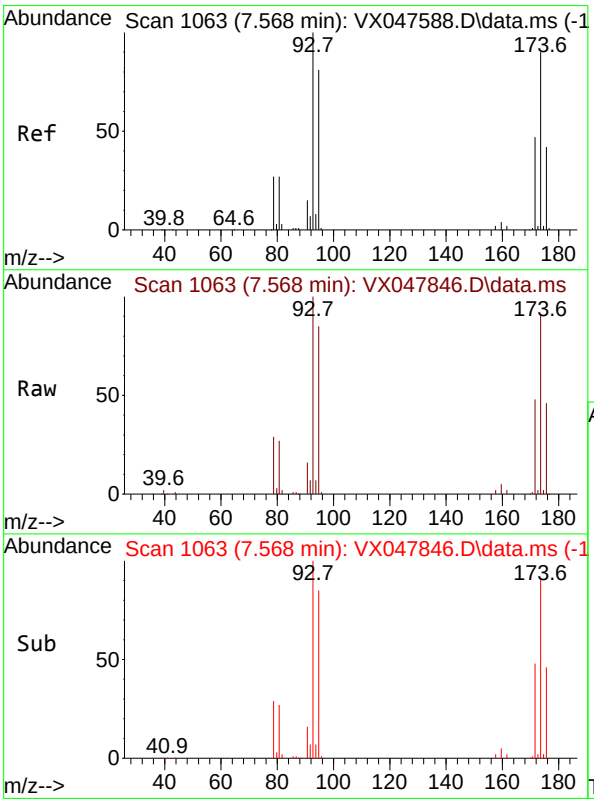
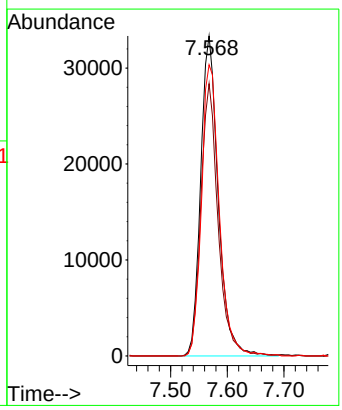


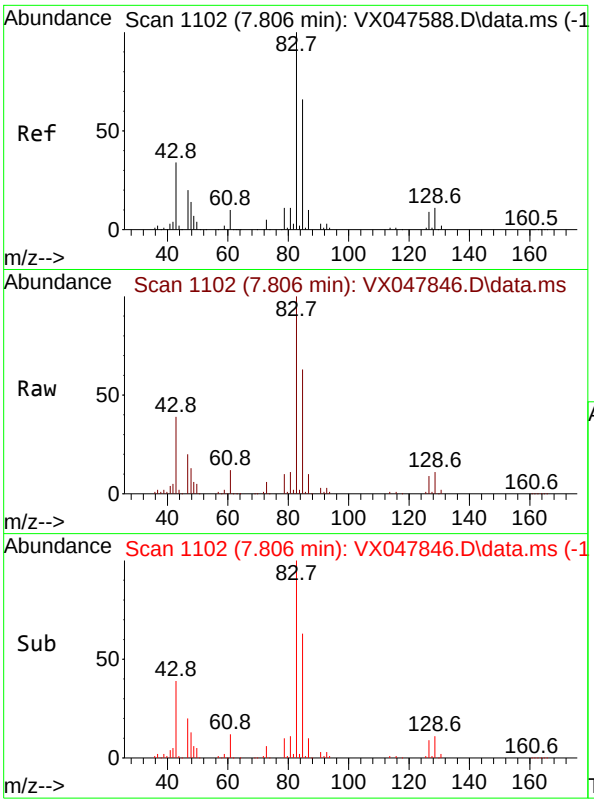


#46
Dibromomethane
Concen: 56.959 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 93 Resp: 71687

Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.0	97.6
174	92.6	71.6	107.4

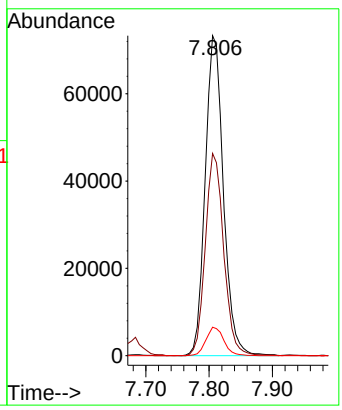




#47
Bromodichloromethane
Concen: 56.657 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 83 Resp: 14714

Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.5	78.7
127	8.9	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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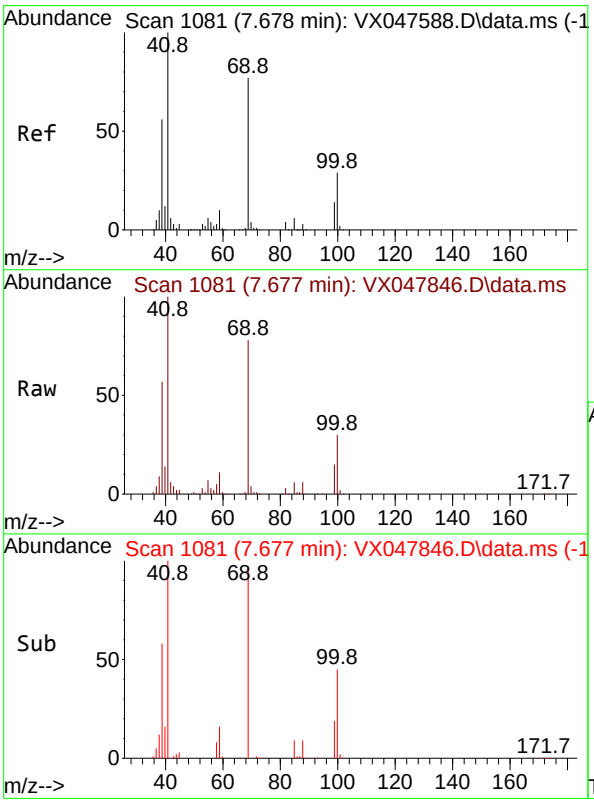
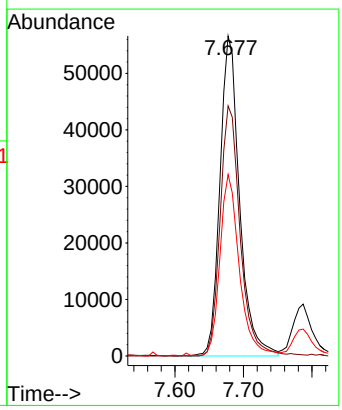
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

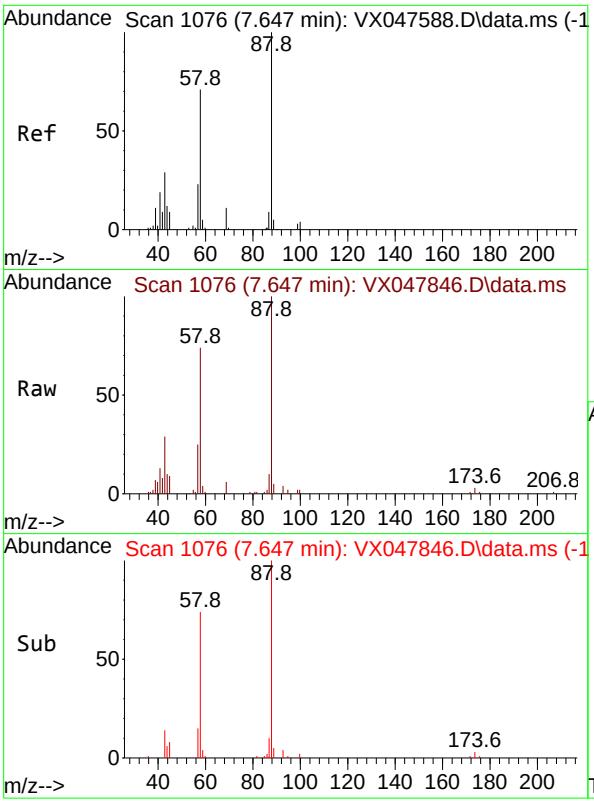


#48
Methyl methacrylate
Concen: 57.803 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 41 Resp: 112437

Ion	Ratio	Lower	Upper
41	100		
69	80.1	61.4	92.2
39	55.5	45.8	68.6

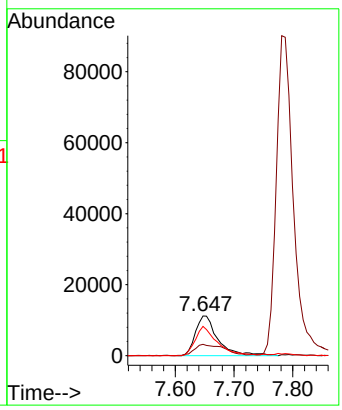




#49
1,4-Dioxane
Concen: 1515.251 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 88 Resp: 2978

Ion	Ratio	Lower	Upper
88	100		
43	38.1	30.2	45.2
58	71.0	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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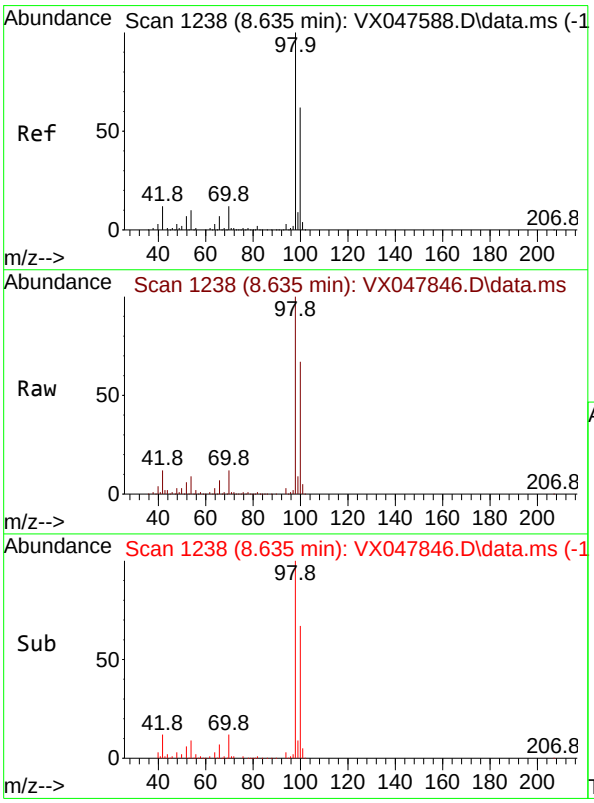
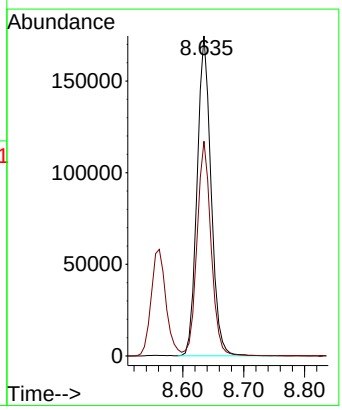
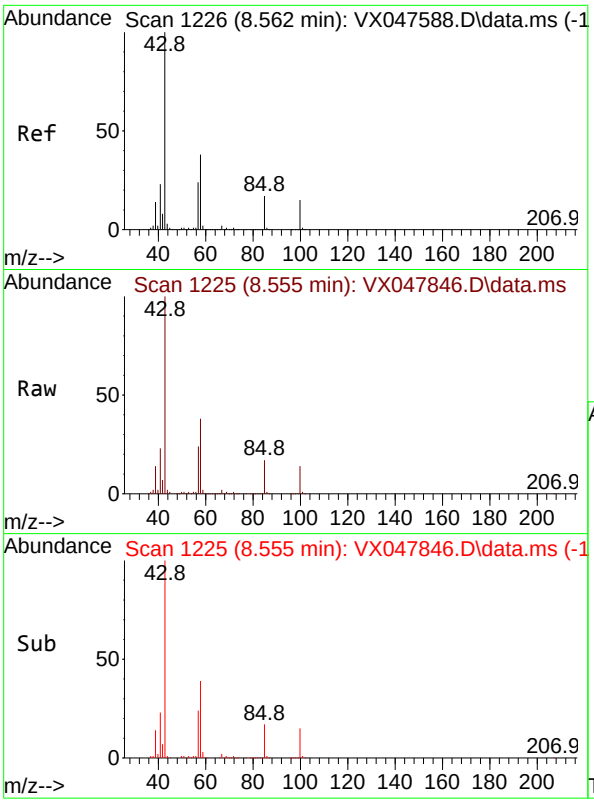


#50
Toluene-d8
Concen: 52.686 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 98 Resp: 277443

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.4

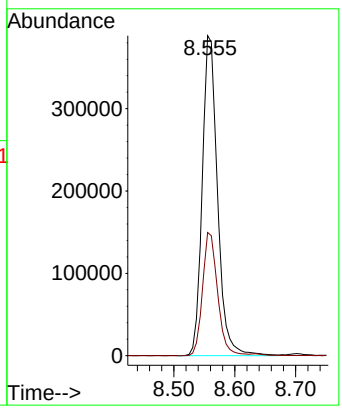




#51
4-Methyl-2-Pentanone
Concen: 312.881 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 67744

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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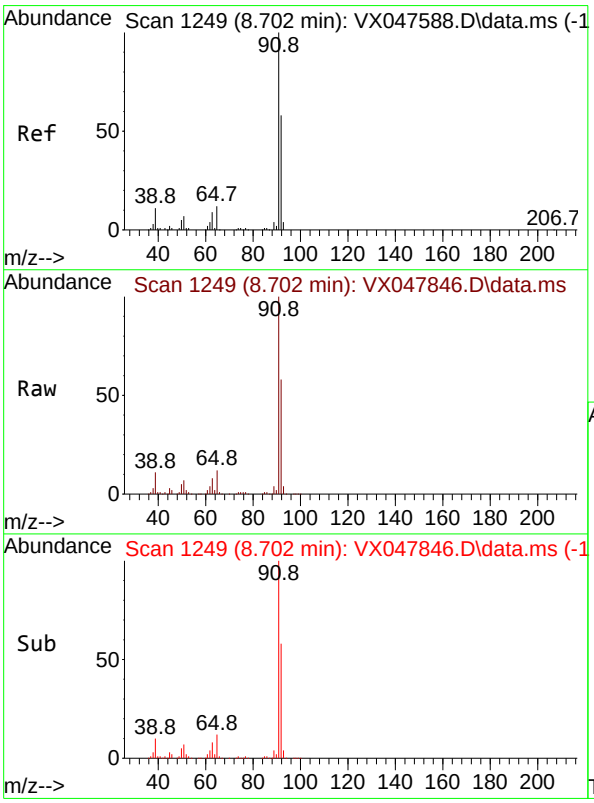
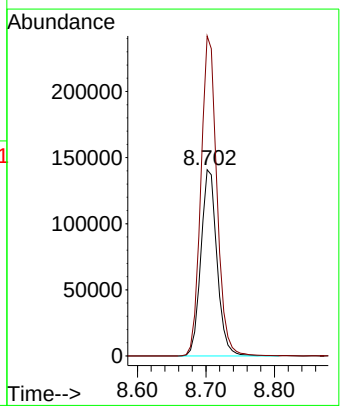
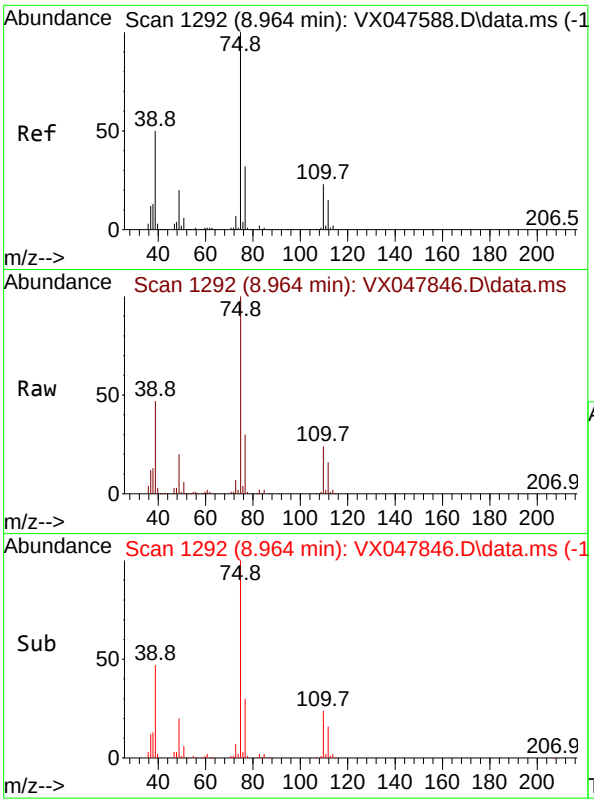


#52
Toluene
Concen: 55.407 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 92 Resp: 230568

Ion	Ratio	Lower	Upper
92	100		
91	170.9	137.1	205.7

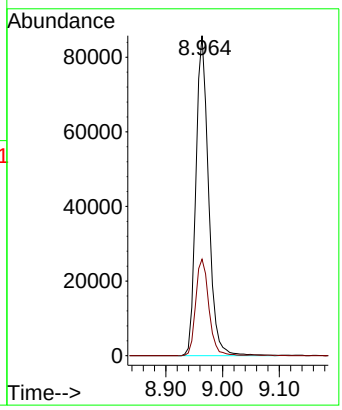




#53
t-1,3-Dichloropropene
Concen: 50.205 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 13300

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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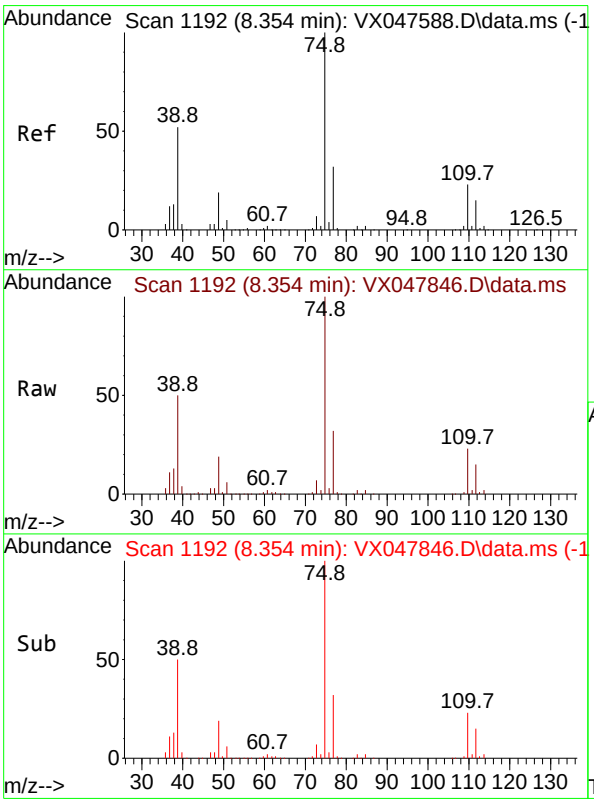
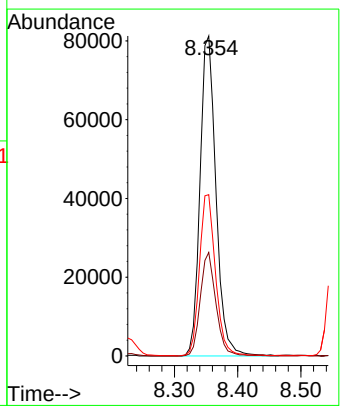
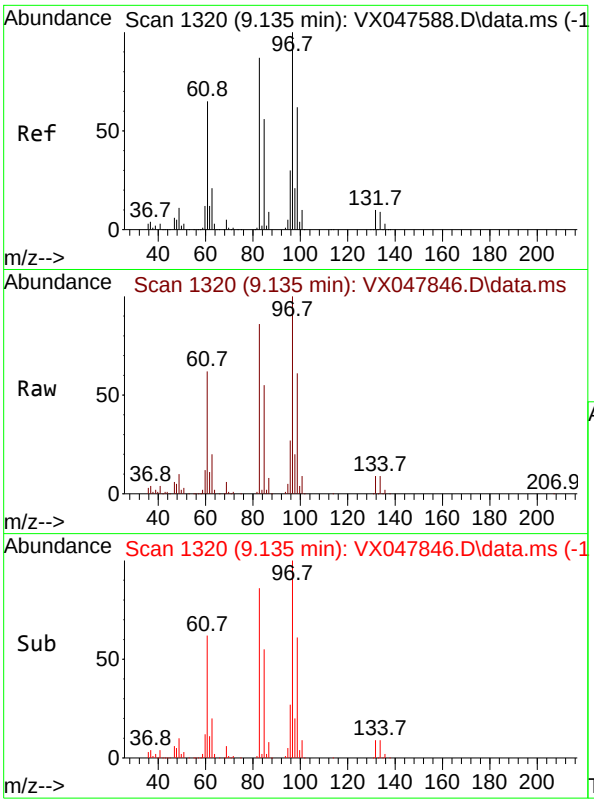


#54
cis-1,3-Dichloropropene
Concen: 50.456 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 142865

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.6
39	50.4	41.4	62.2

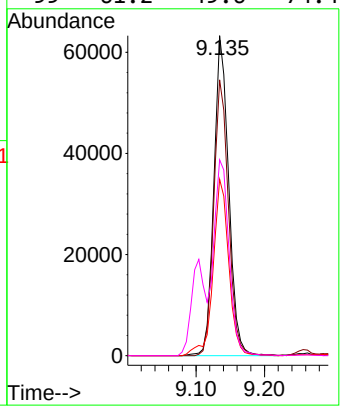




#55
1,1,2-Trichloroethane
Concen: 59.143 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 97 Resp: 9490

Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.6	104.4
85	55.1	45.0	67.6
99	61.2	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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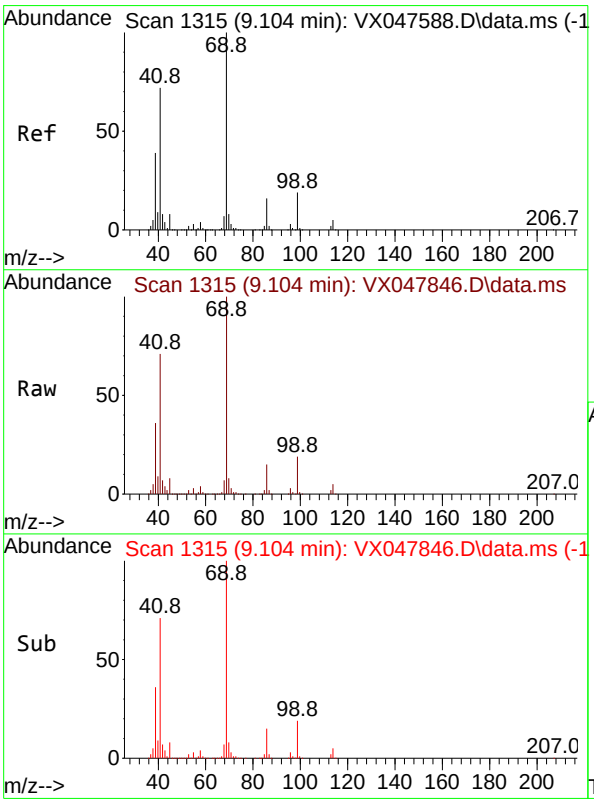
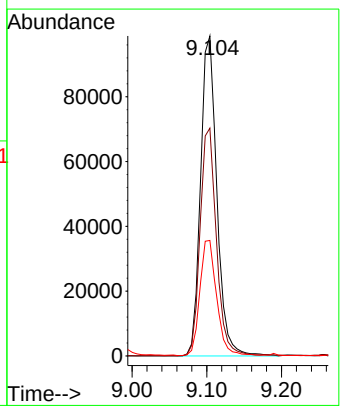
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

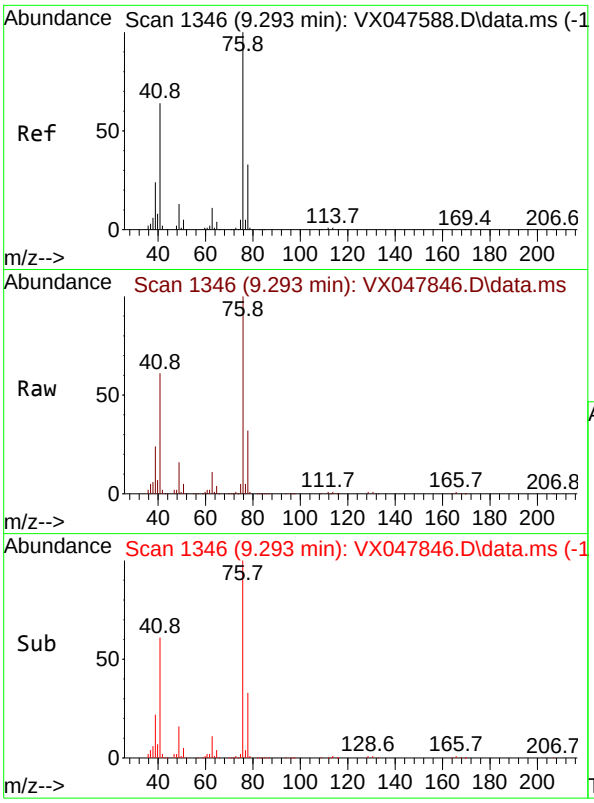


#56
Ethyl methacrylate
Concen: 59.552 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 69 Resp: 150069

Ion	Ratio	Lower	Upper
69	100		
41	70.9	58.6	87.8
39	36.9	31.5	47.3

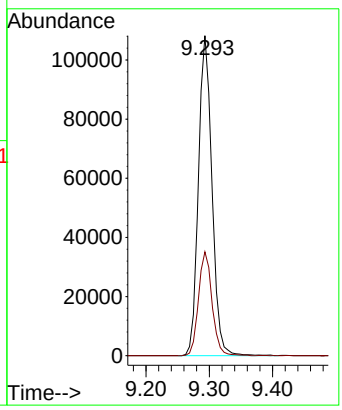




#57
1,3-Dichloropropane
Concen: 58.624 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 76 Resp: 16159

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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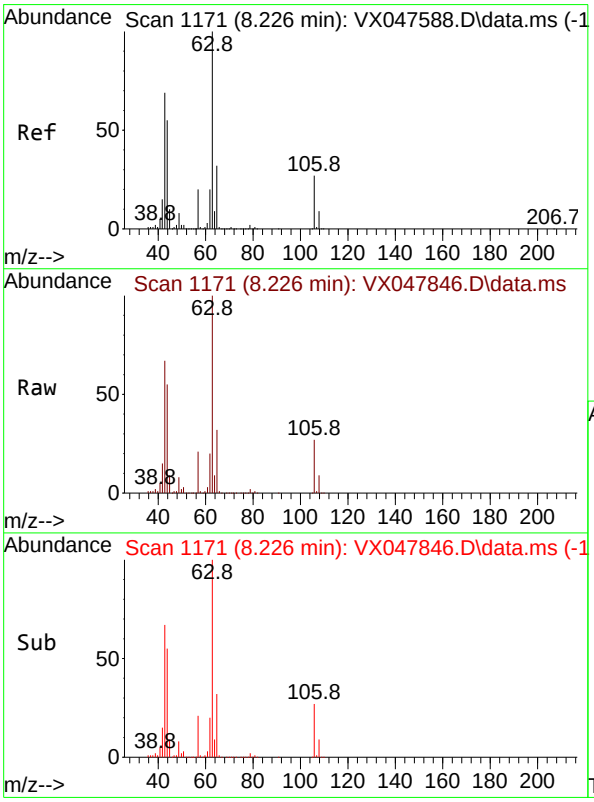
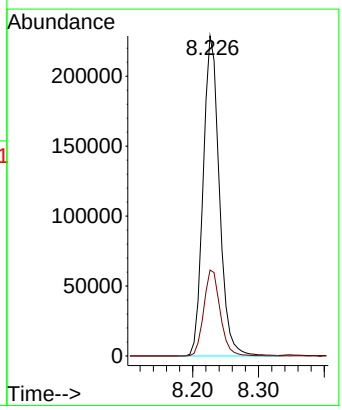
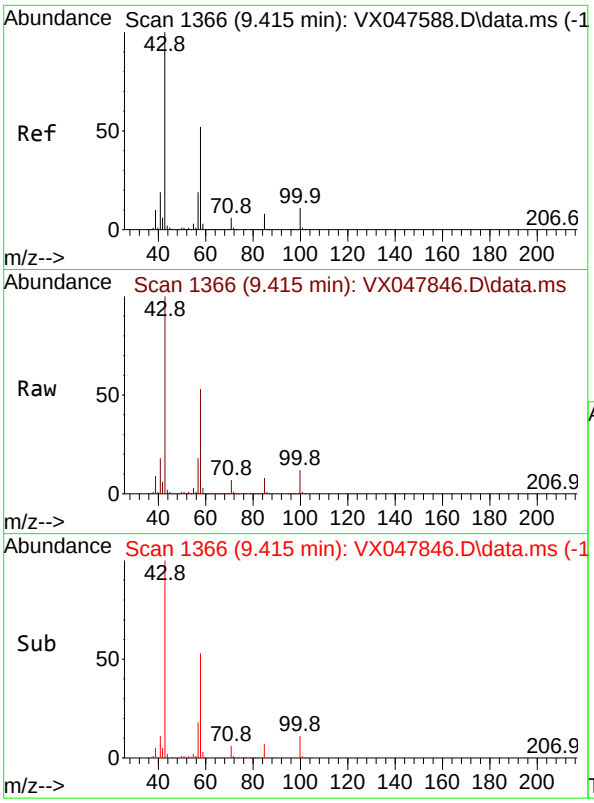


#58
2-Chloroethyl Vinyl ether
Concen: 320.095 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 63 Resp: 392274

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.9	32.9





#59
2-Hexanone
Concen: 303.339 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 47170

Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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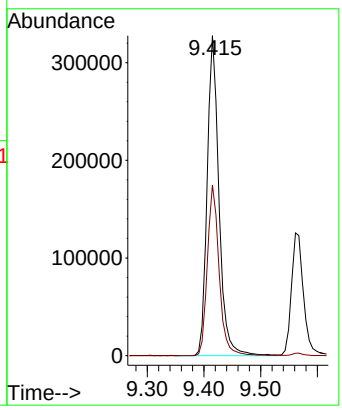
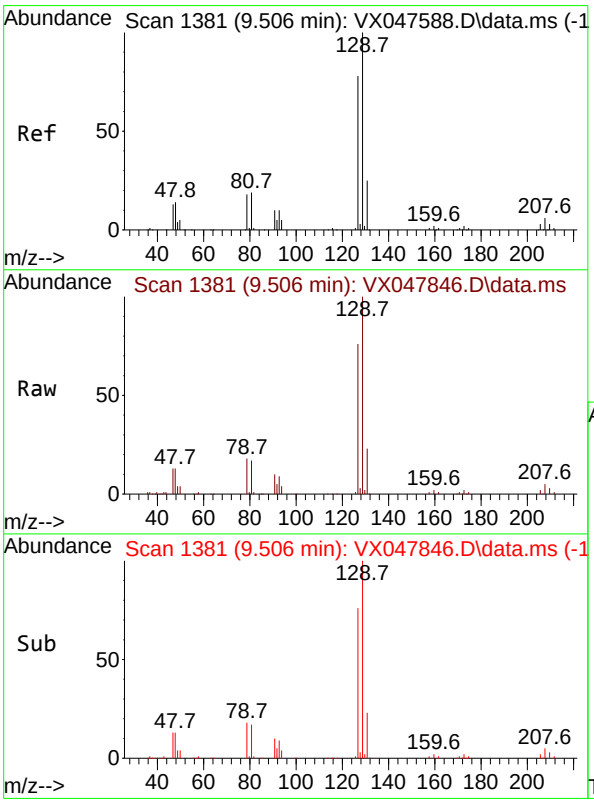
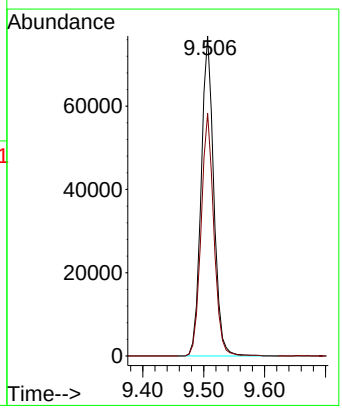


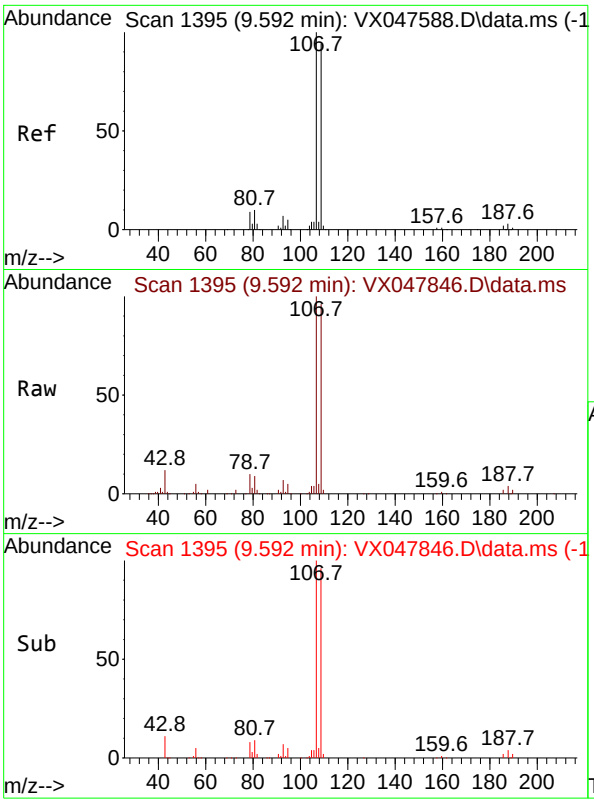


#60
Dibromochloromethane
Concen: 59.800 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:129 Resp: 110561

Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.4	115.2





#61
1,2-Dibromoethane
Concen: 59.844 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:107 Resp: 9780

Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.3	112.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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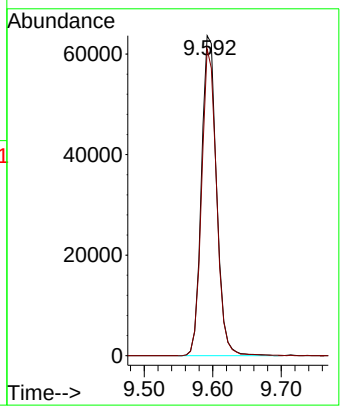
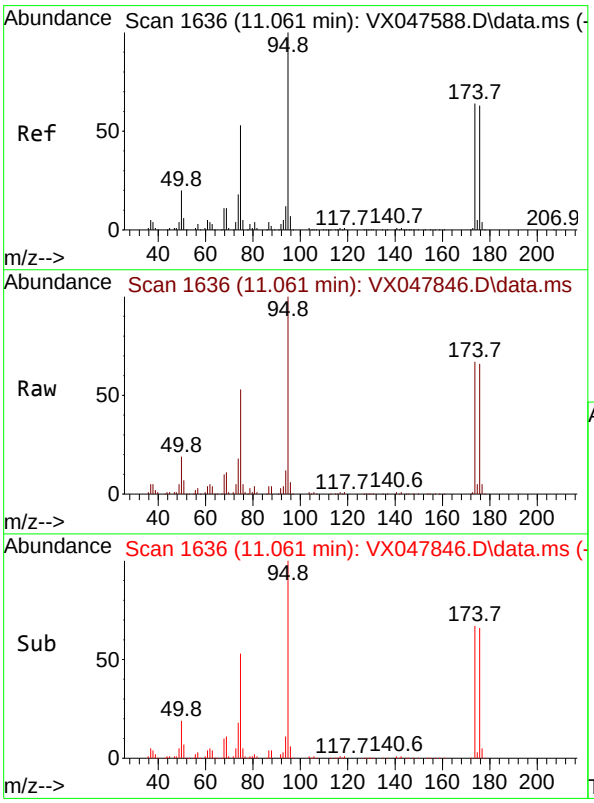
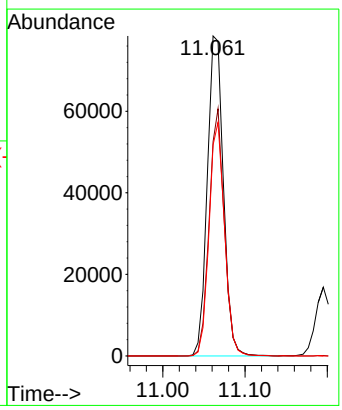


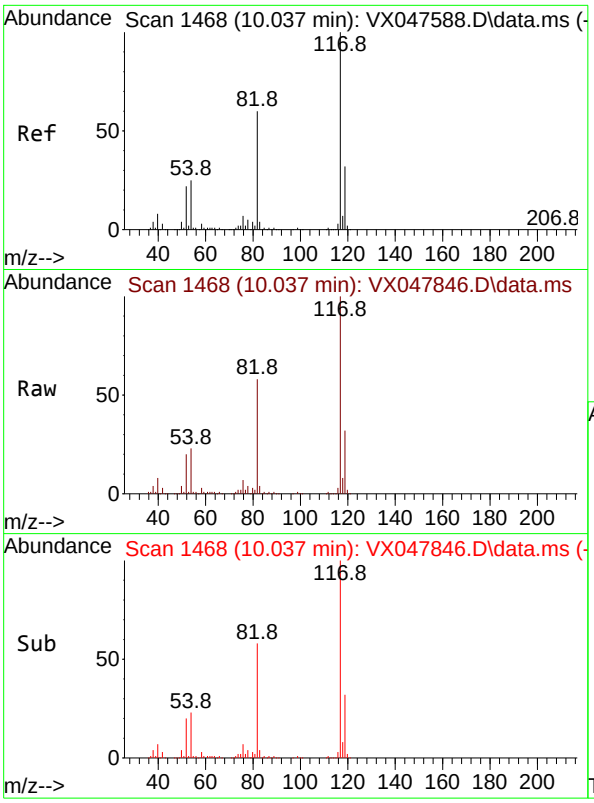


#62
4-Bromofluorobenzene
Concen: 53.331 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 95 Resp: 106584

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.6
176	70.1	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:117 Resp: 20853

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.8	71.6
119	31.5	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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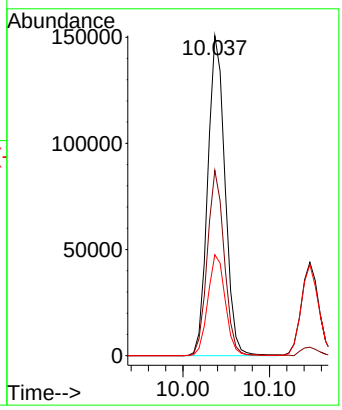
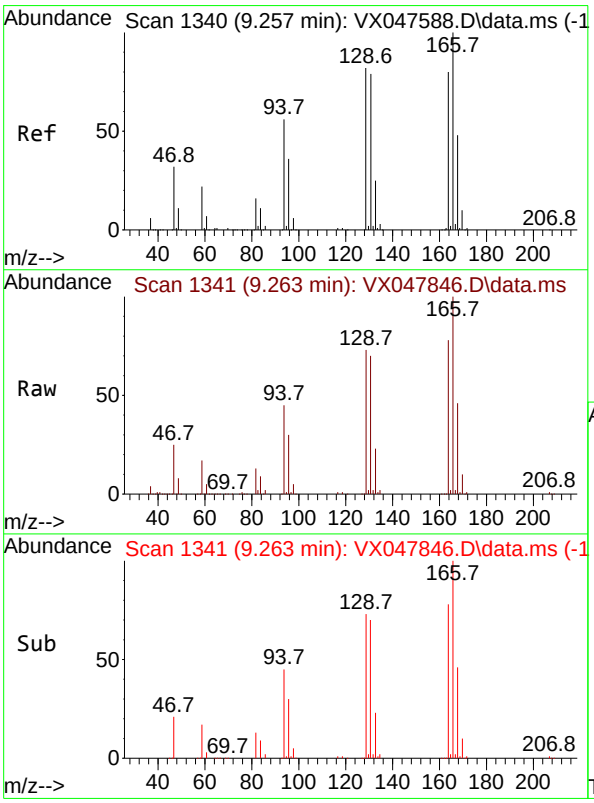
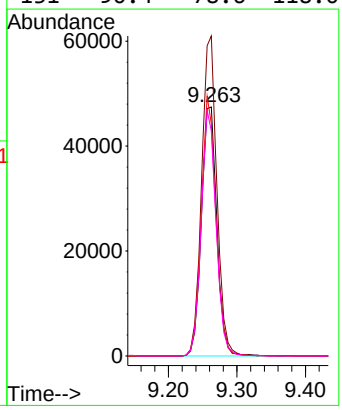


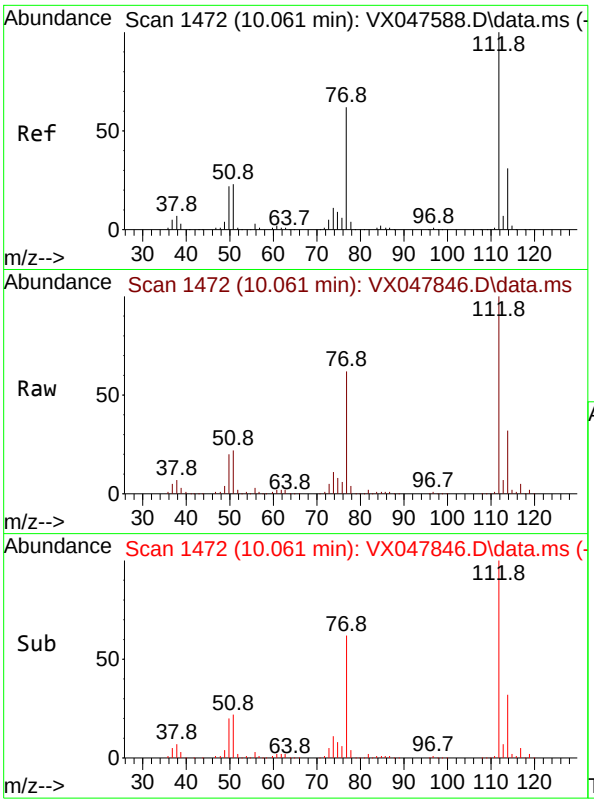


#64
Tetrachloroethene
Concen: 54.685 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:164 Resp: 74341

Ion	Ratio	Lower	Upper
164	100		
166	128.6	100.2	150.2
129	93.2	81.8	122.6
131	90.4	78.6	118.0





#65
Chlorobenzene
Concen: 54.250 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:112 Resp: 25701

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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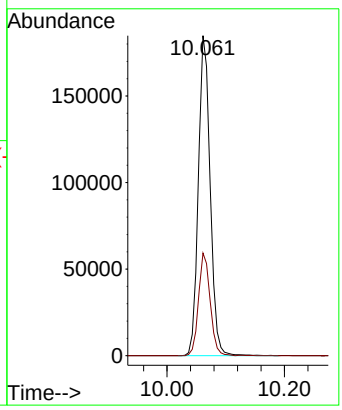
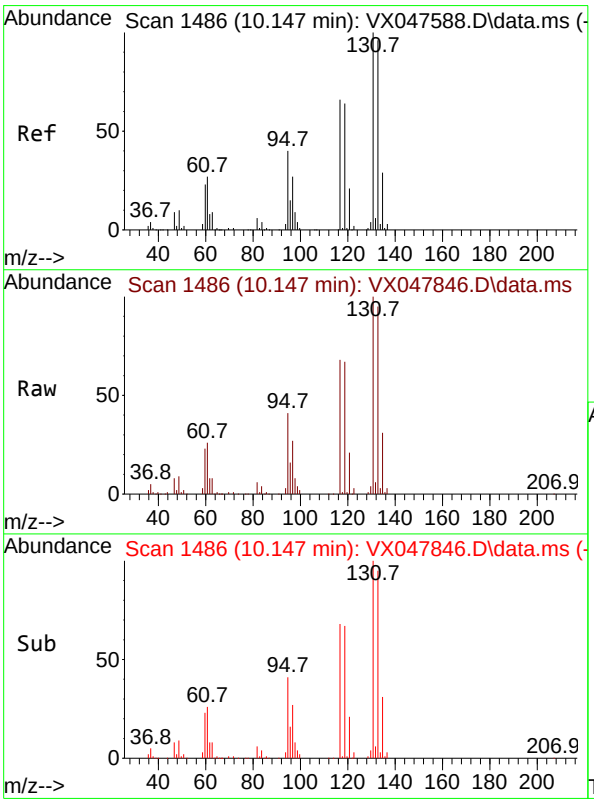
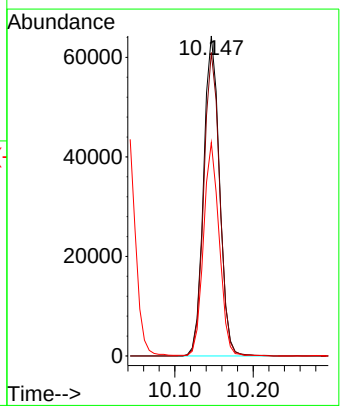


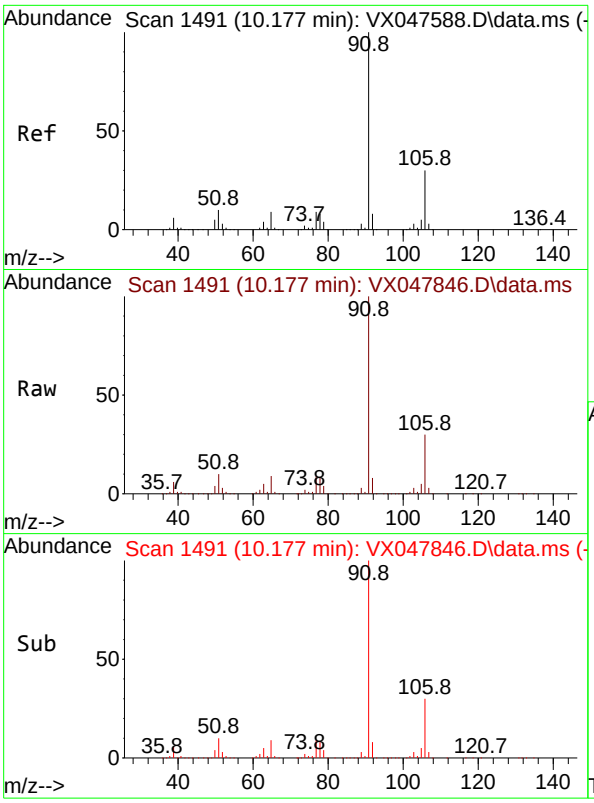


#66
1,1,1,2-Tetrachloroethane
Concen: 55.391 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:131 Resp: 90553

Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	142.0
119	65.9	32.0	96.0

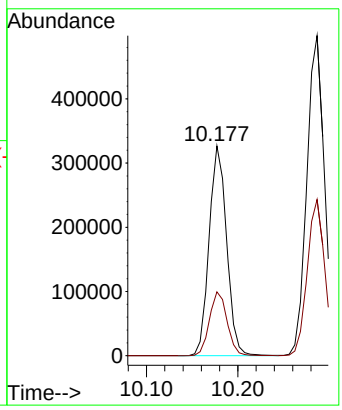




#67
Ethyl Benzene
Concen: 53.122 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 91 Resp: 43423

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
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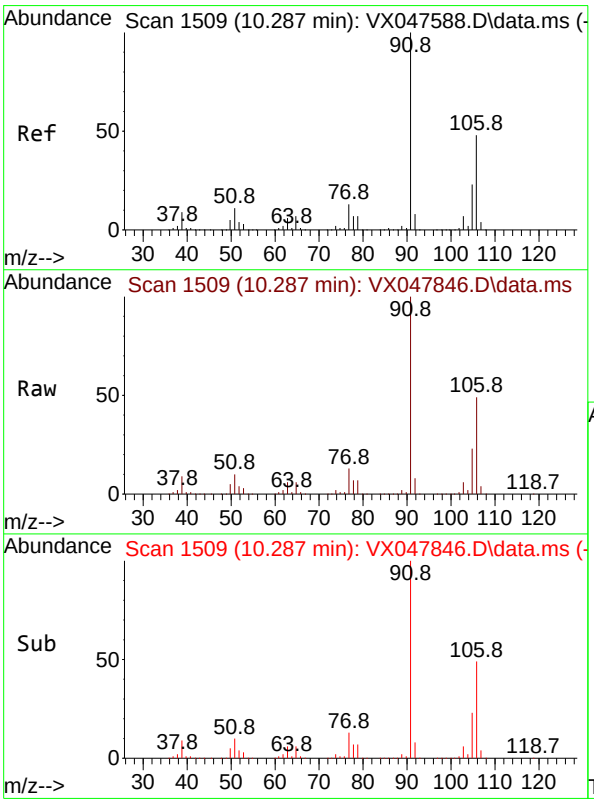
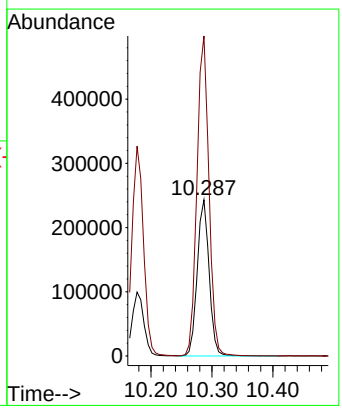
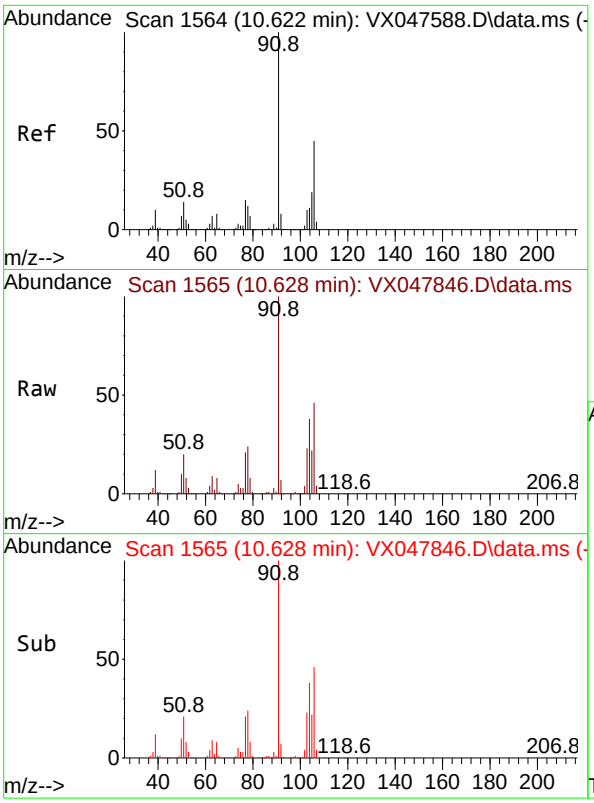


#68
m/p-Xylenes
Concen: 107.876 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:106 Resp: 328215

Ion	Ratio	Lower	Upper
106	100		
91	206.5	167.8	251.8

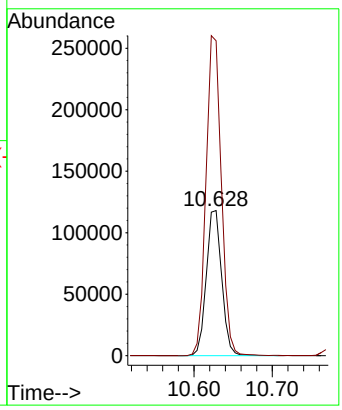




#69
o-Xylene
Concen: 54.716 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:106 Resp: 16101

Ion	Ratio	Lower	Upper
106	100		
91	219.5	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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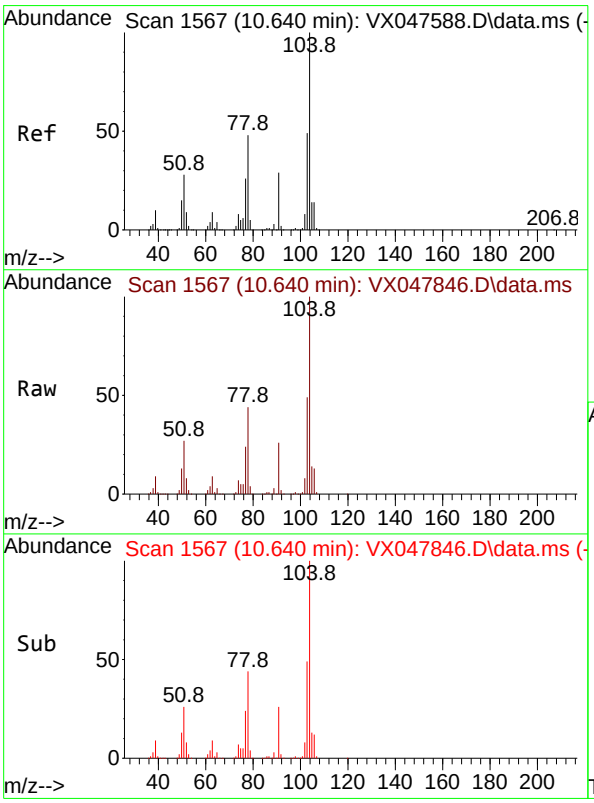
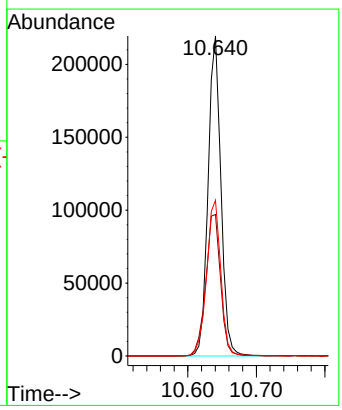
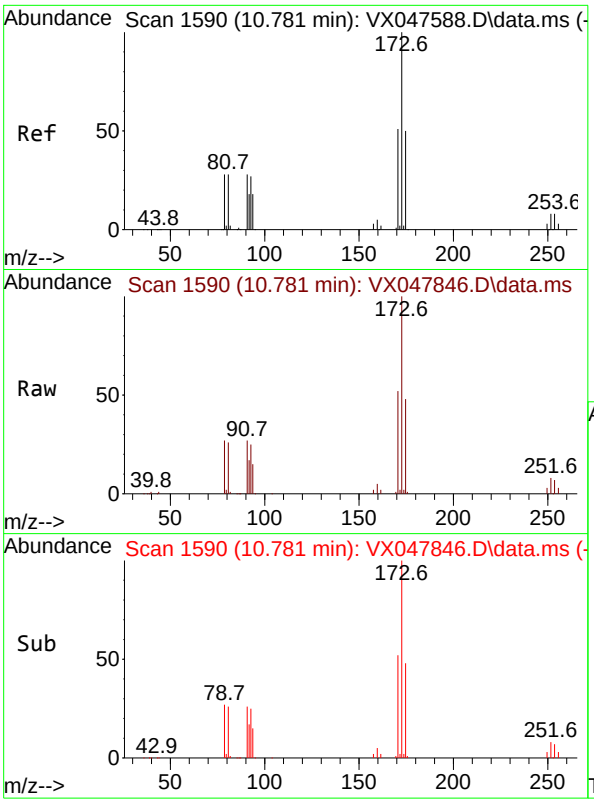


#70
Styrene
Concen: 55.621 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:104 Resp: 286806

Ion	Ratio	Lower	Upper
104	100		
78	51.1	43.1	64.7
103	53.7	43.1	64.7

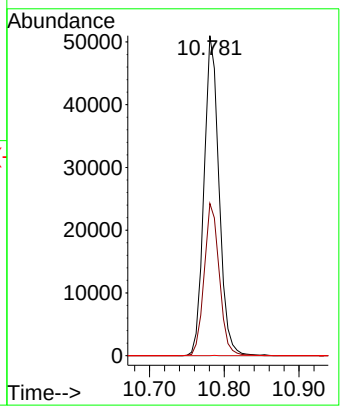




#71
Bromoform
Concen: 58.336 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:173 Resp: 7121

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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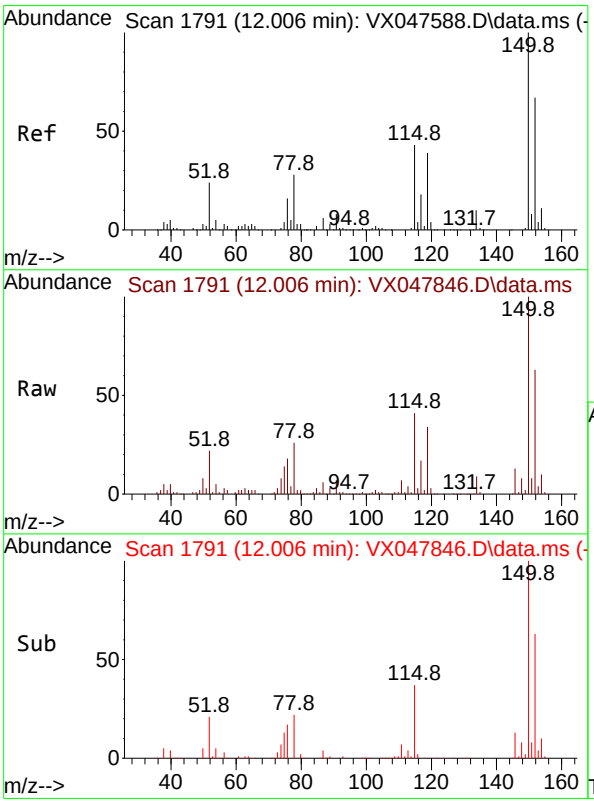
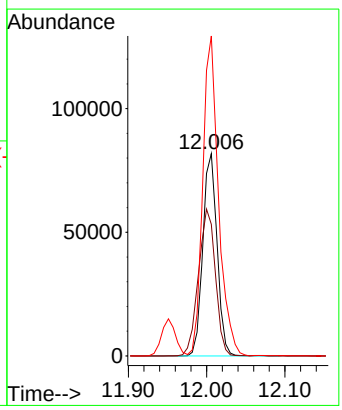
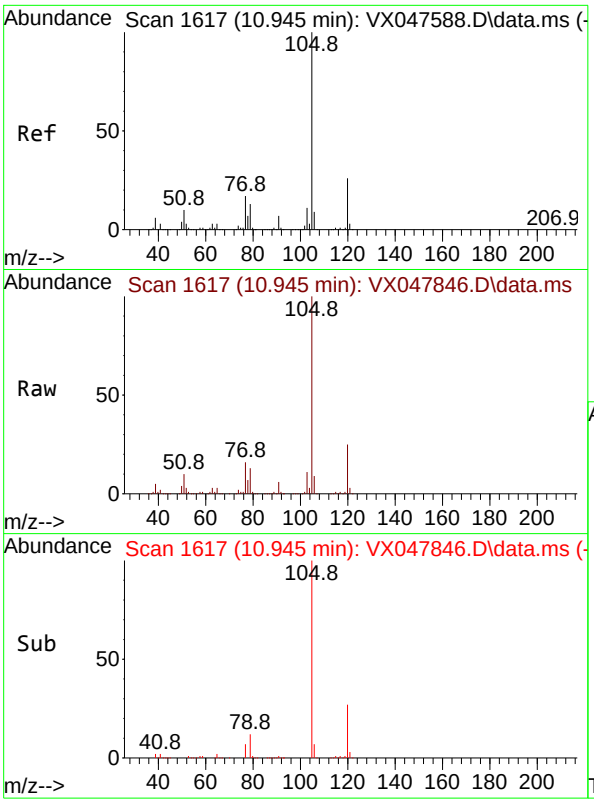


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:152 Resp: 103174

Ion	Ratio	Lower	Upper
152	100		
115	86.7	44.9	134.5
150	174.7	0.0	352.0

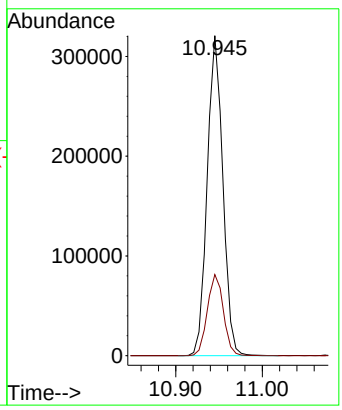




#73
Isopropylbenzene
Concen: 51.224 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:105 Resp: 40179

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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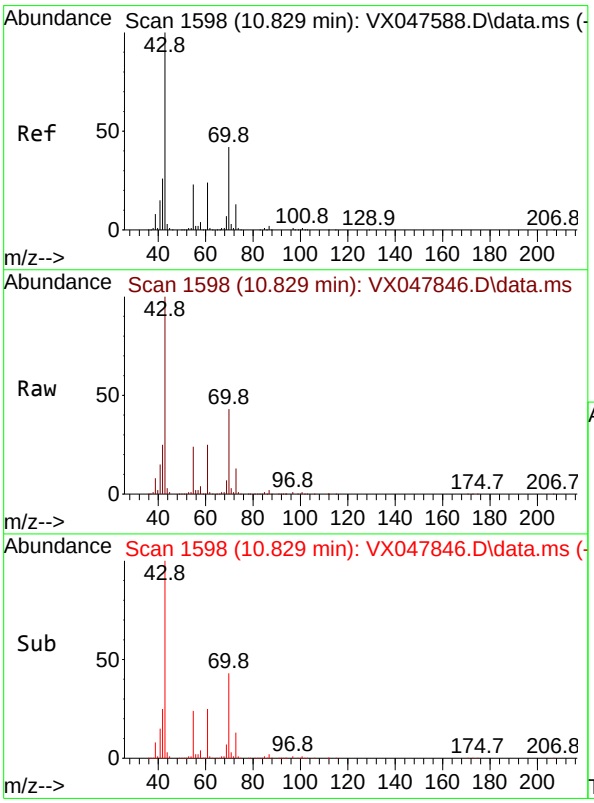
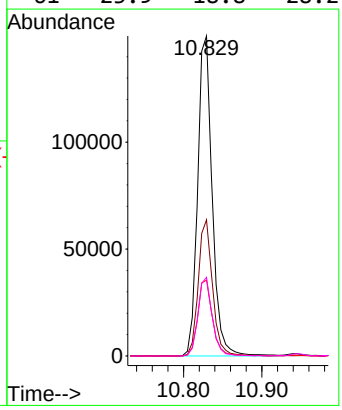
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

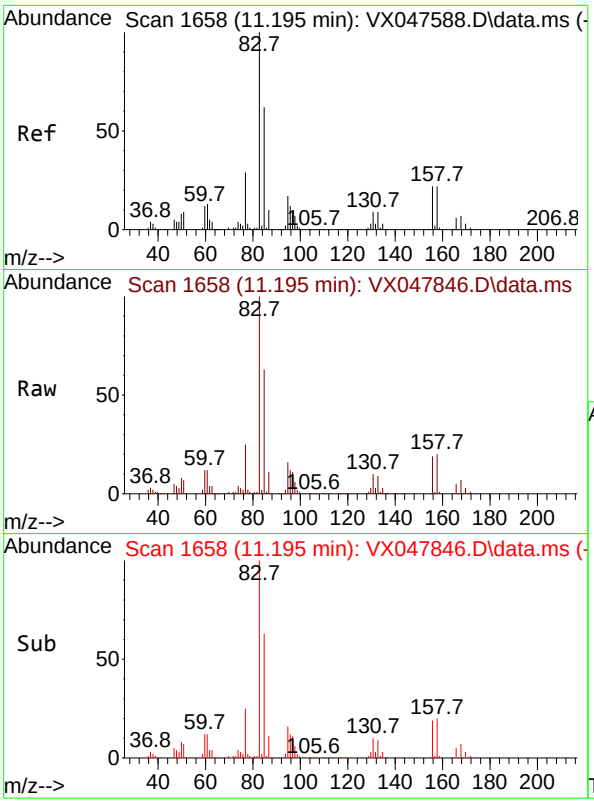


#74
N-amyl acetate
Concen: 54.089 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 193473

Ion	Ratio	Lower	Upper
43	100		
70	41.8	32.0	48.0
55	24.1	18.9	28.3
61	23.9	18.8	28.2

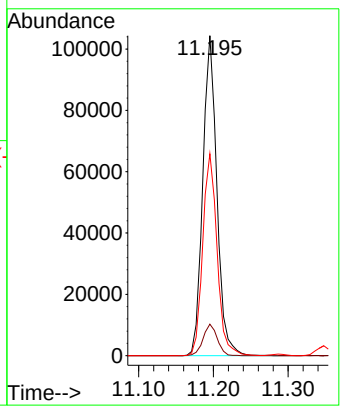




#75
1,1,2,2-Tetrachloroethane
Concen: 57.589 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 83 Resp: 13667

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.4	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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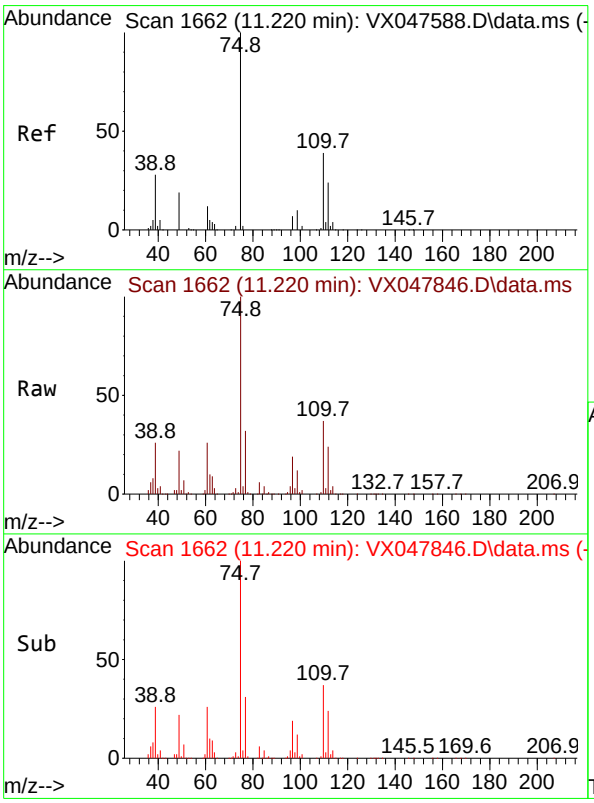
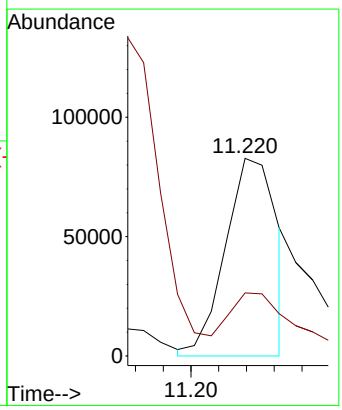
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

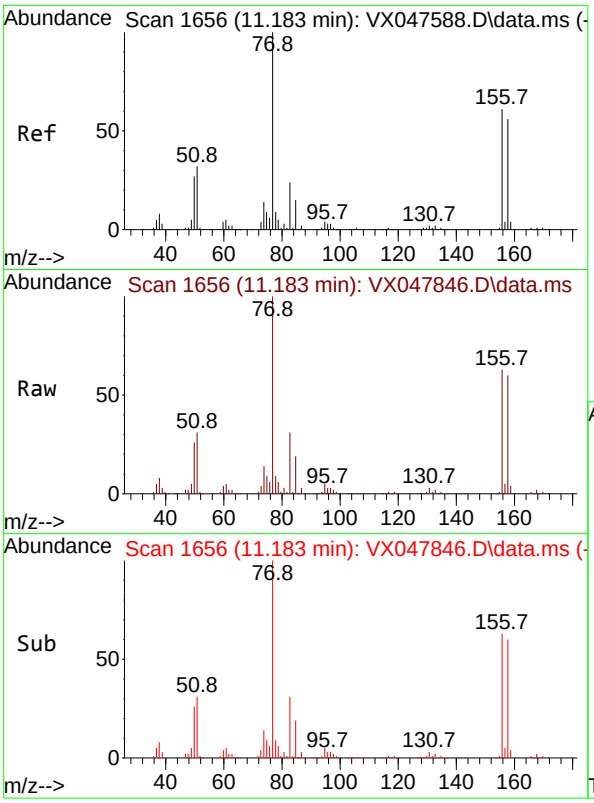


#76
1,2,3-Trichloropropane
Concen: 50.981 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 106496

Ion	Ratio	Lower	Upper
75	100		
77	41.1	18.8	56.4

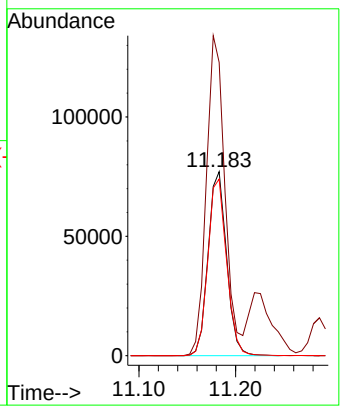




#77
Bromobenzene
Concen: 52.856 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:156 Resp: 10211

Ion	Ratio	Lower	Upper
156	100		
77	174.9	89.7	269.1
158	97.7	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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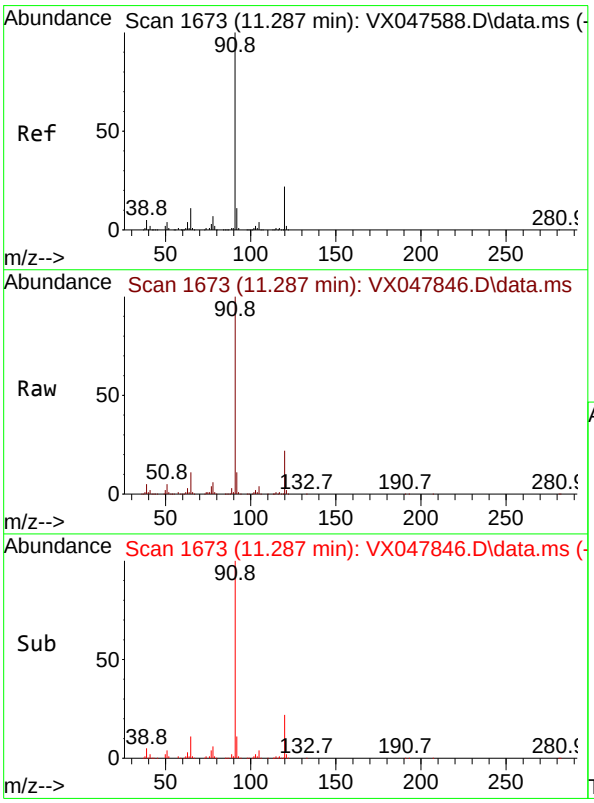
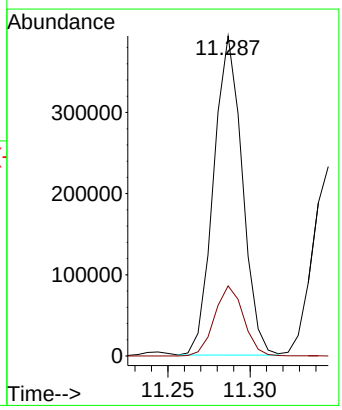
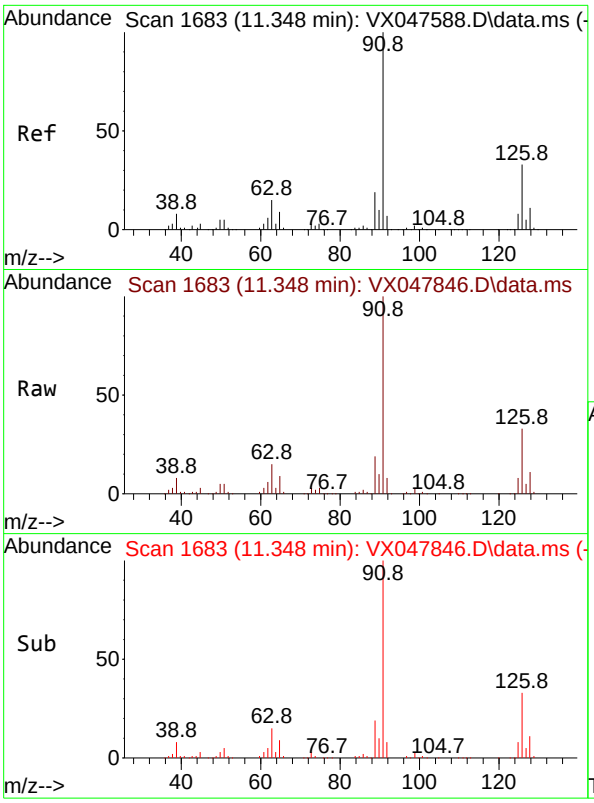


#78
n-propylbenzene
Concen: 51.437 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 91 Resp: 476952

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1





#79
2-Chlorotoluene
Concen: 51.630 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 91 Resp: 29321

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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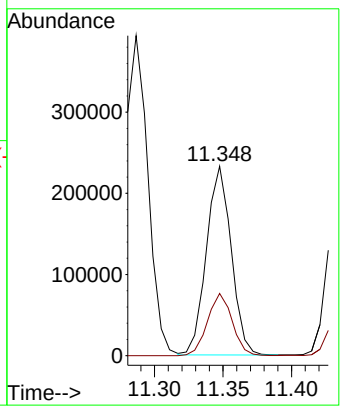
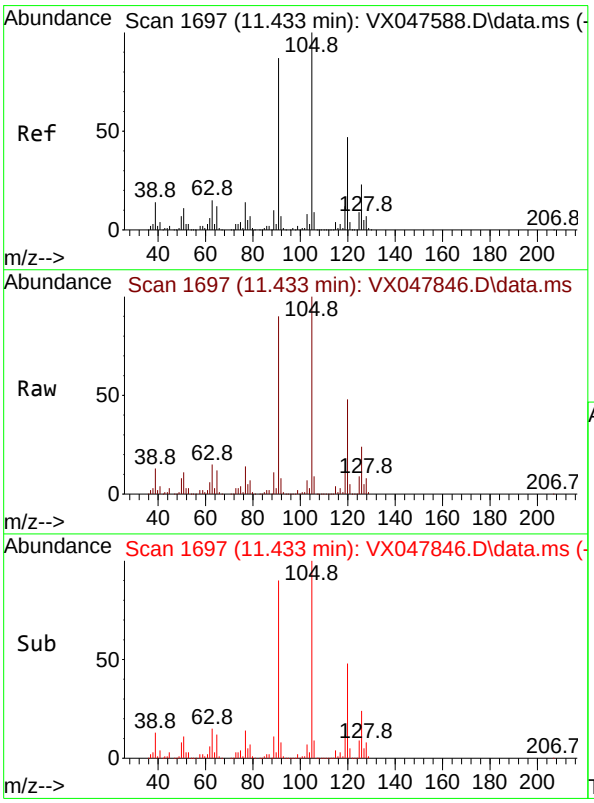
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

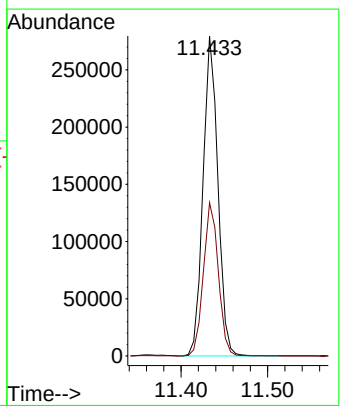


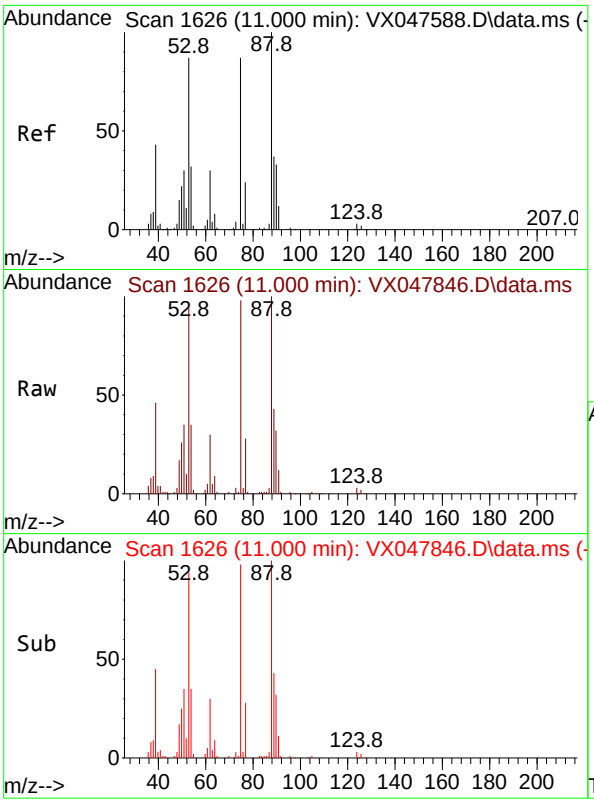


#80
1,3,5-Trimethylbenzene
Concen: 51.573 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:105 Resp: 332360

Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 40.974 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 3356

Ion	Ratio	Lower	Upper
75	100		
53	102.5	83.4	125.2
89	45.8	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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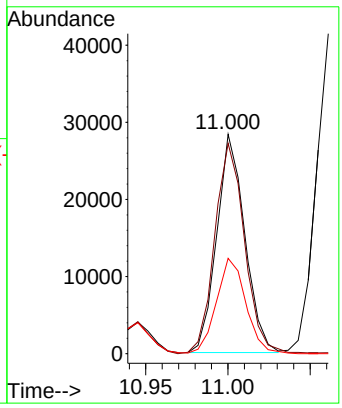
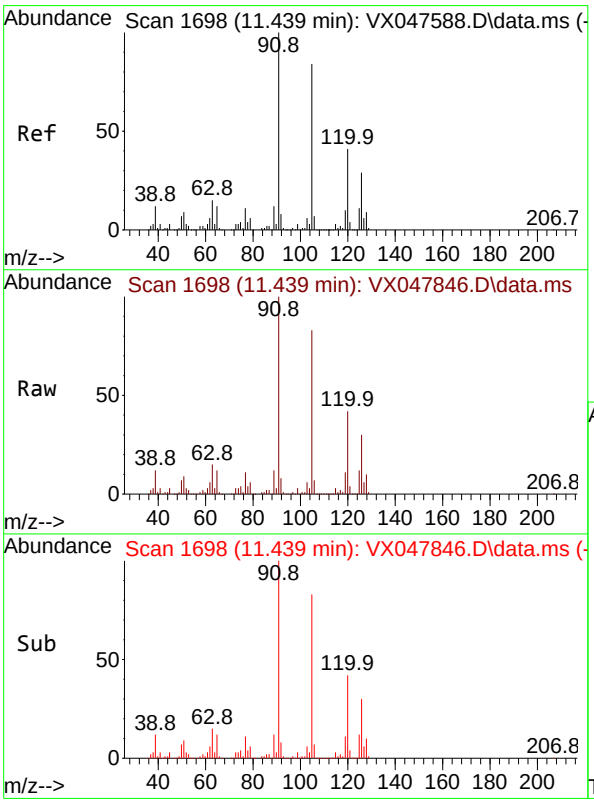
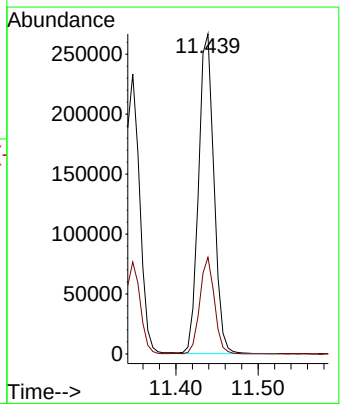


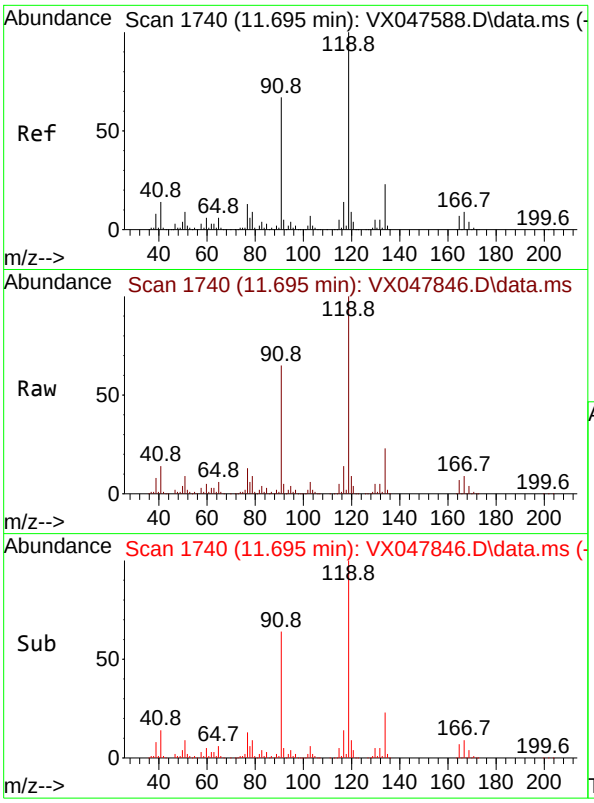


#82
4-Chlorotoluene
Concen: 51.591 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 91 Resp: 346044

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.2	42.6





#83
tert-Butylbenzene
Concen: 50.729 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:119 Resp: 33466

Ion	Ratio	Lower	Upper
119	100		
91	58.3	29.6	88.8
134	22.2	11.0	33.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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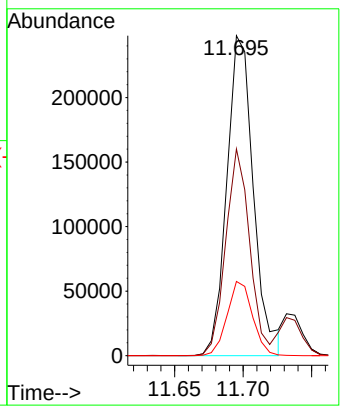
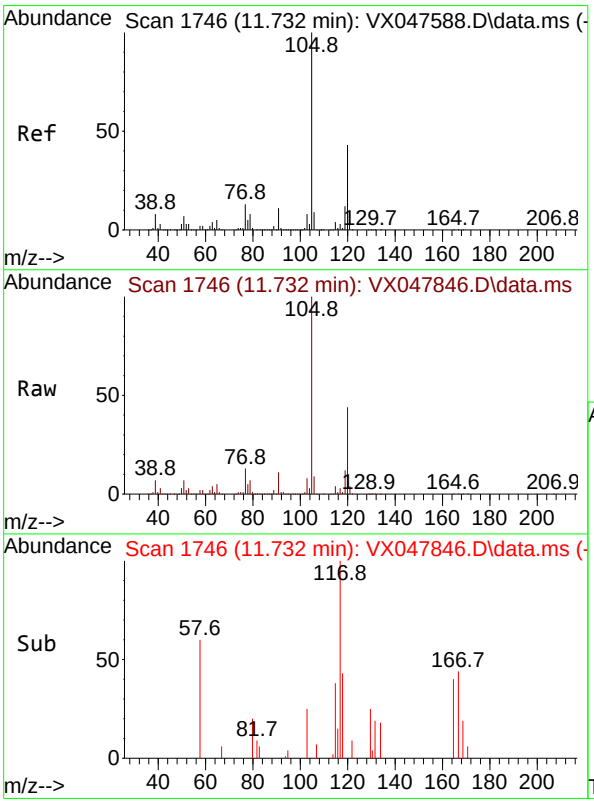
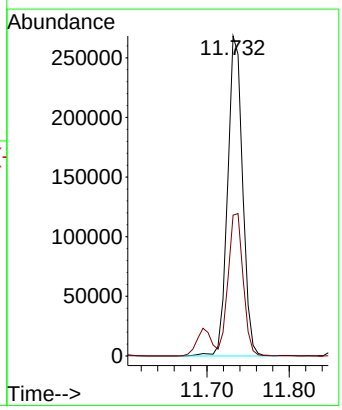


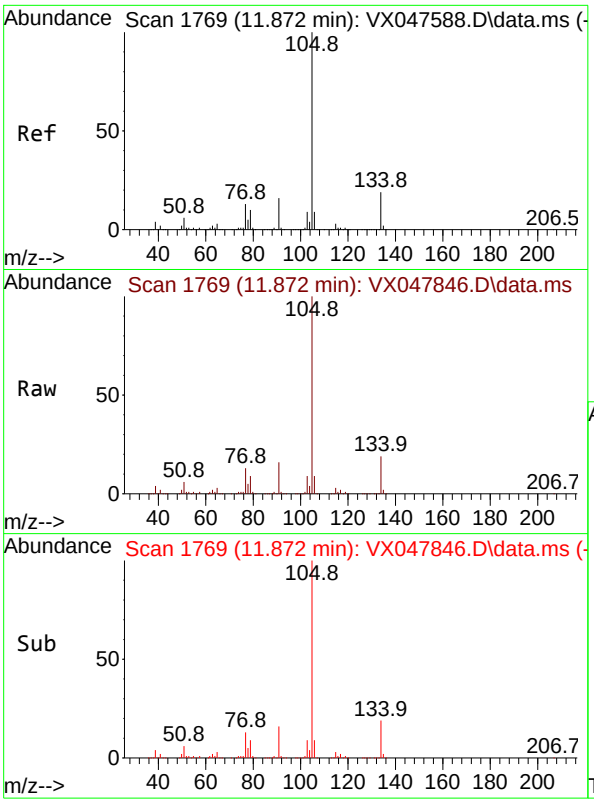


#84
1,2,4-Trimethylbenzene
Concen: 51.846 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:105 Resp: 338744

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.1	66.1

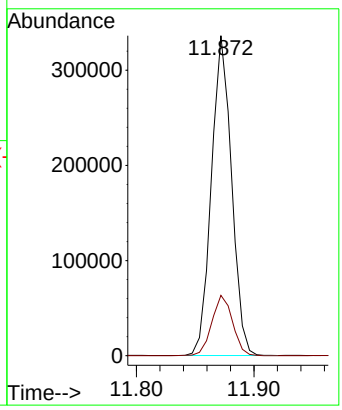




#85
sec-Butylbenzene
Concen: 51.130 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:105 Resp: 40065

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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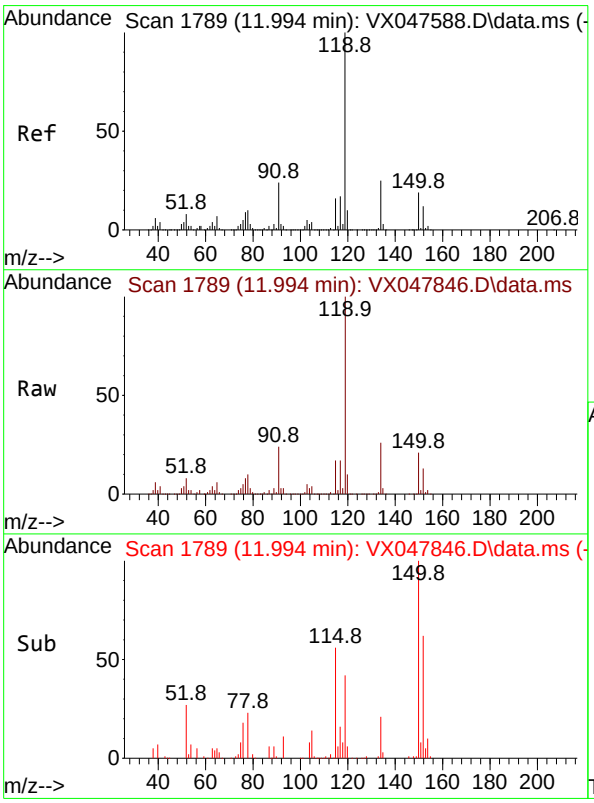
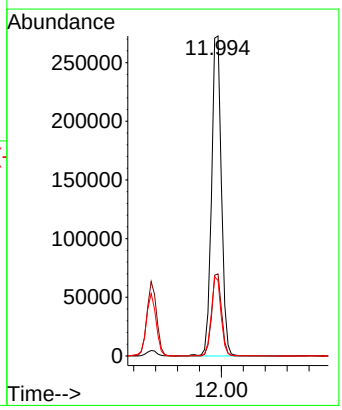
Supervised By :Mahesh Dadoda 09/29/2025

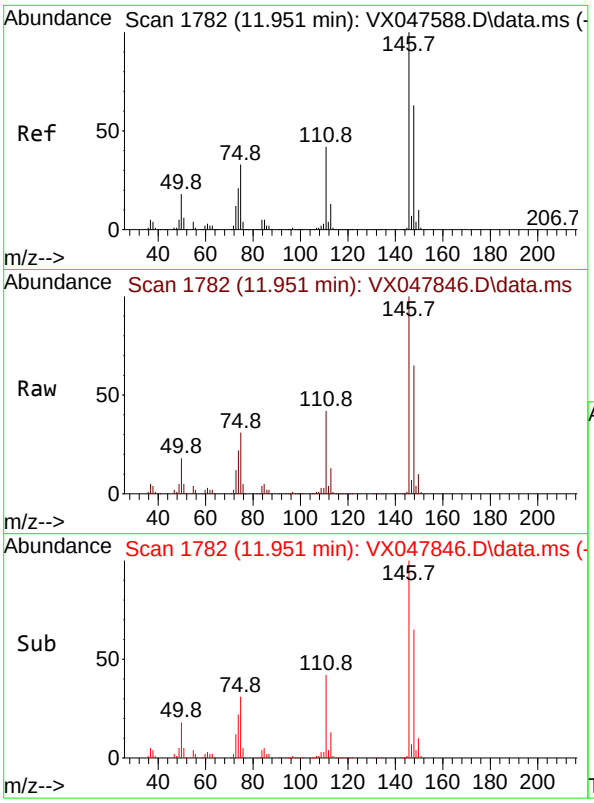


#86
p-Isopropyltoluene
Concen: 50.930 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:119 Resp: 337869

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	24.4	12.6	37.6

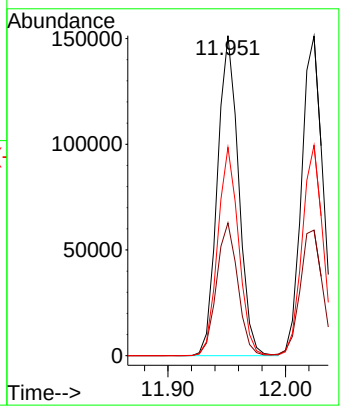




#87
1,3-Dichlorobenzene
Concen: 52.835 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:146 Resp: 18959

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.5	64.5
148	64.0	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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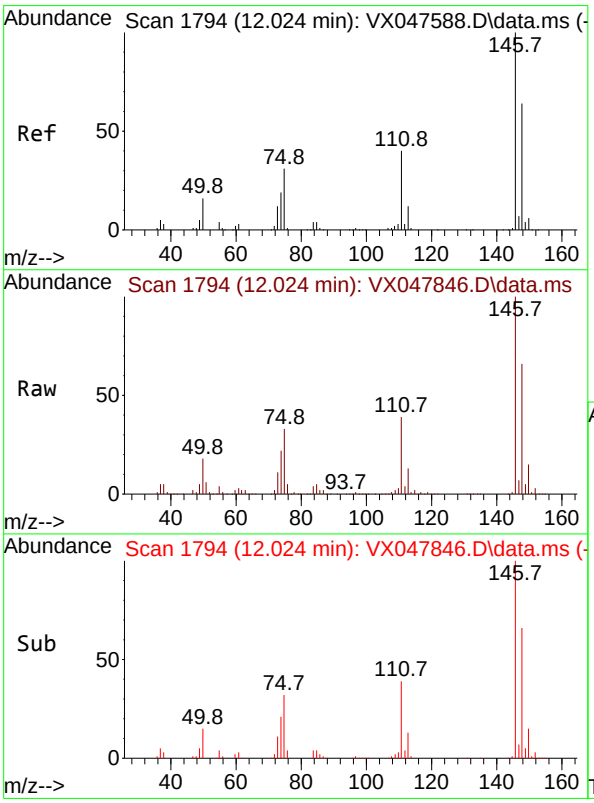
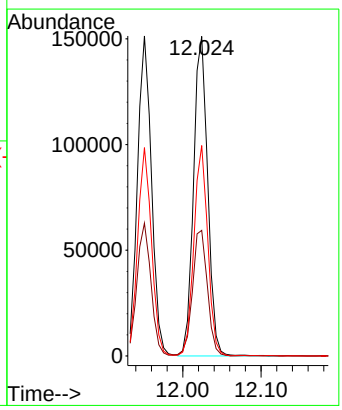
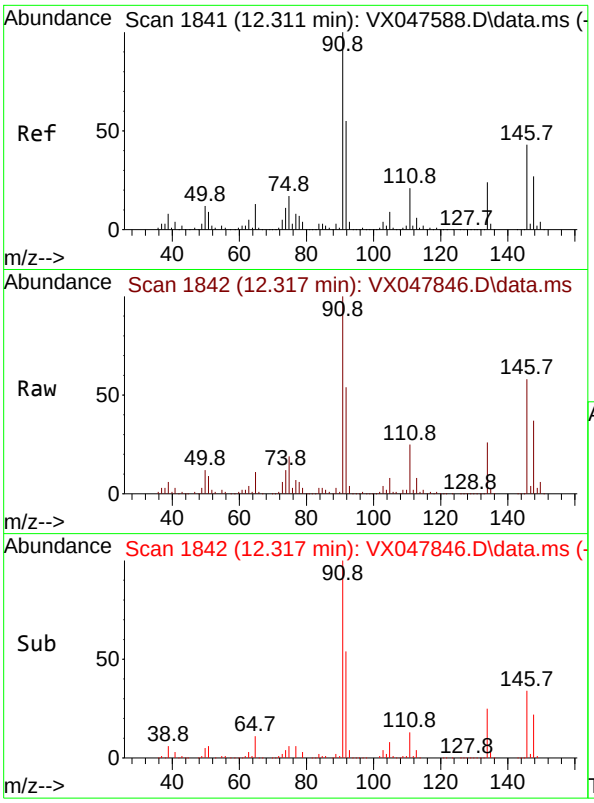


#88
1,4-Dichlorobenzene
Concen: 51.714 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:146 Resp: 190455

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.4
148	64.1	31.7	95.1

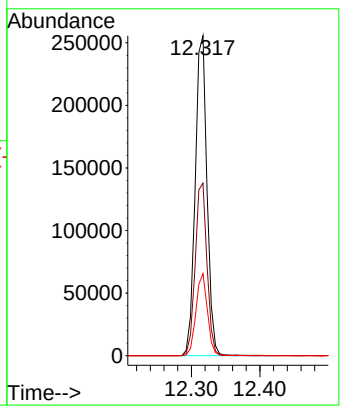




#89
n-Butylbenzene
Concen: 49.913 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 91 Resp: 30638

Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.6	82.7
134	24.9	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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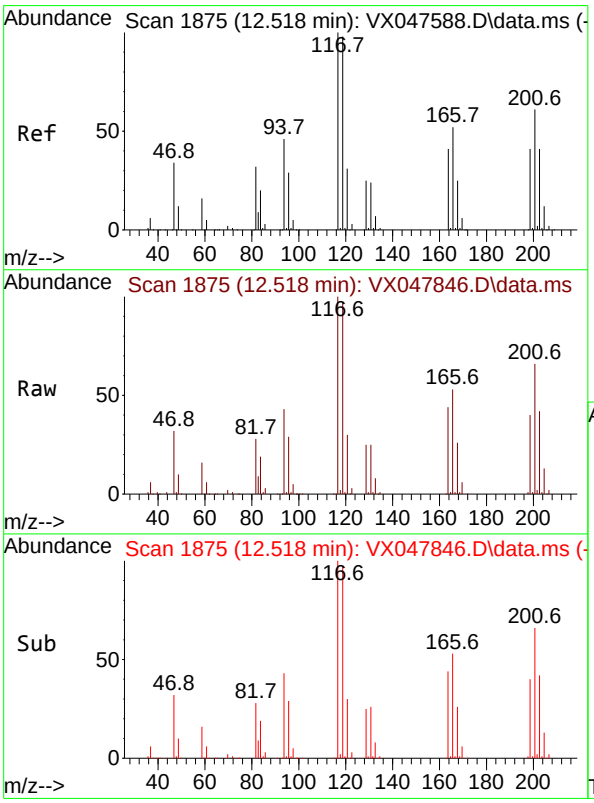
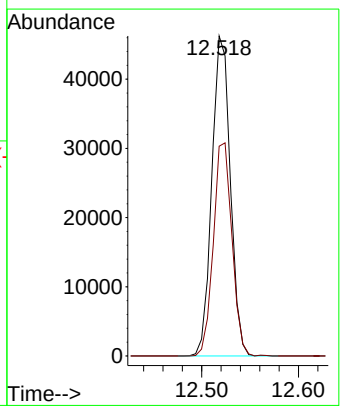
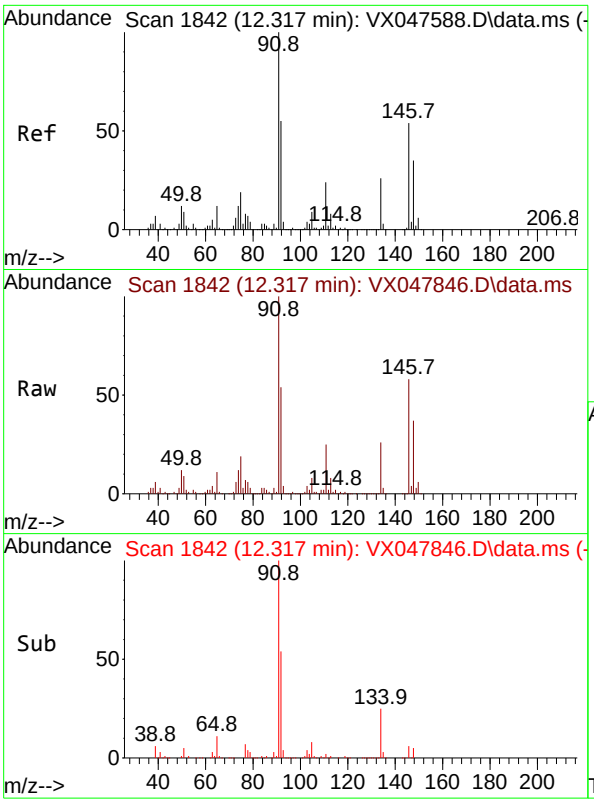


#90
Hexachloroethane
Concen: 52.570 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:117 Resp: 61230

Ion	Ratio	Lower	Upper
117	100		
201	67.2	34.2	102.5

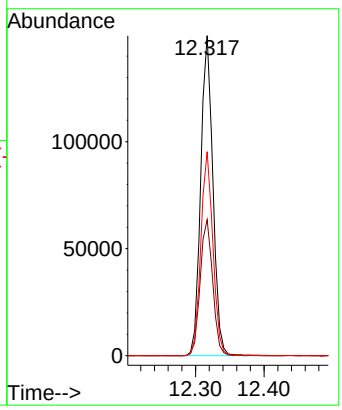




#91
1,2-Dichlorobenzene
Concen: 54.154 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:146 Resp: 18513

Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.2	66.6
148	63.1	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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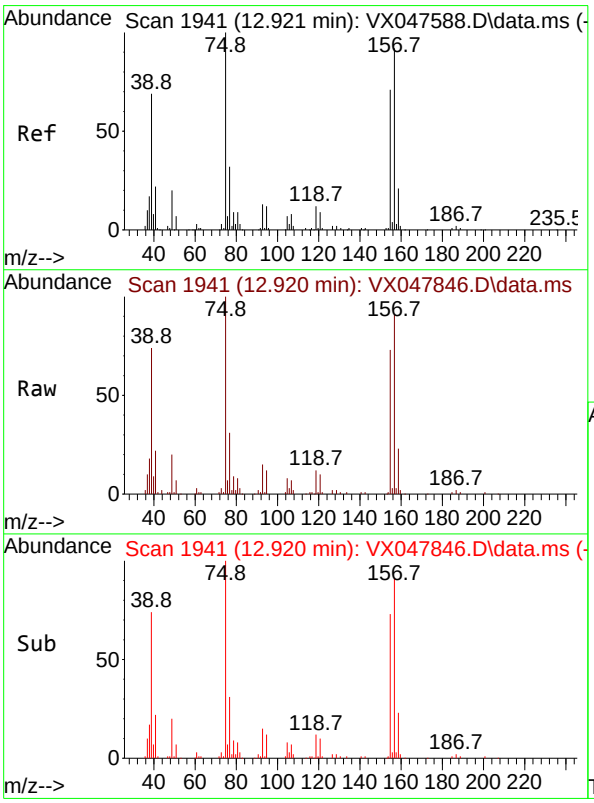
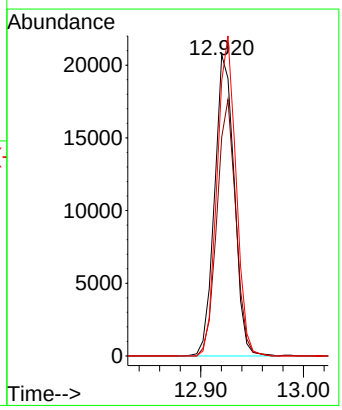
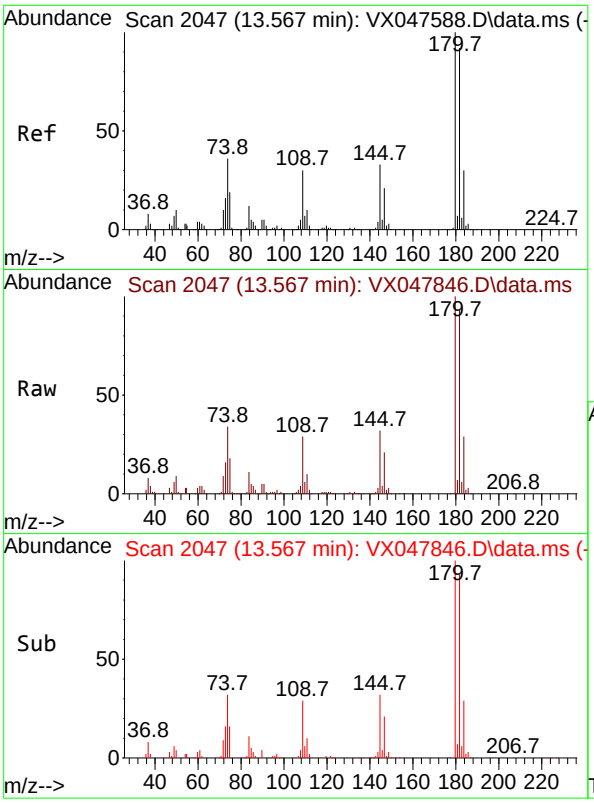


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.166 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 27467

Ion	Ratio	Lower	Upper
75	100		
155	81.7	37.7	113.1
157	102.6	49.8	149.4





#93
1,2,4-Trichlorobenzene
Concen: 52.530 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

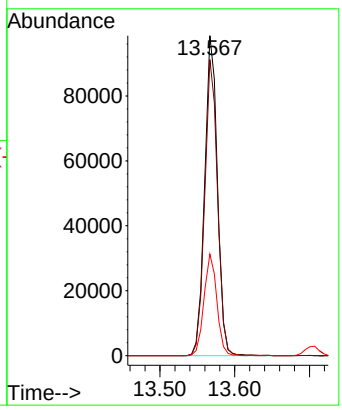
Tgt Ion:180 Resp: 11671

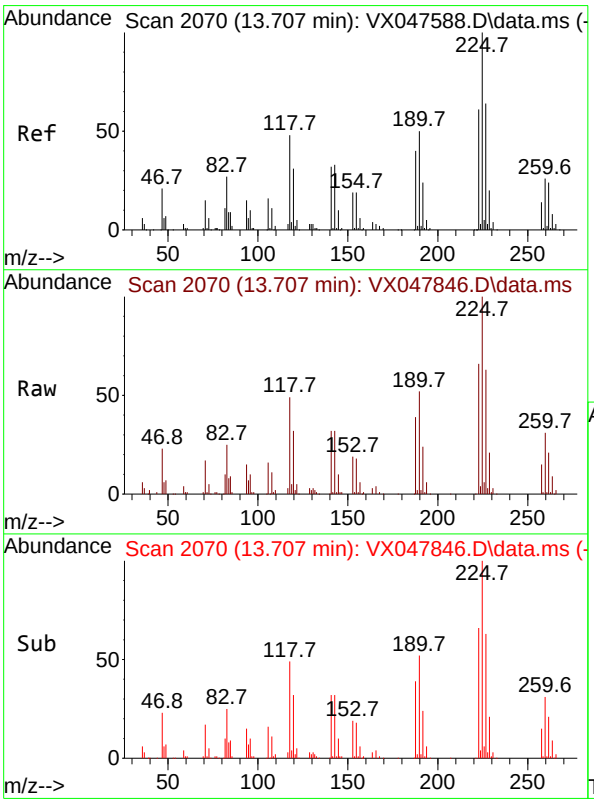
Ion	Ratio	Lower	Upper
180	100		
182	92.8	46.6	139.8
145	31.9	16.4	49.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

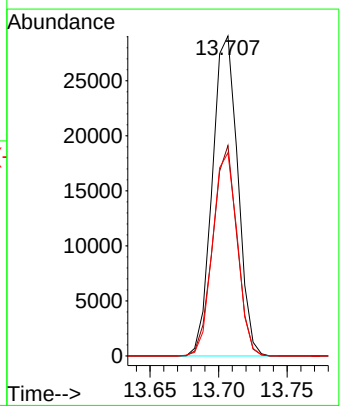


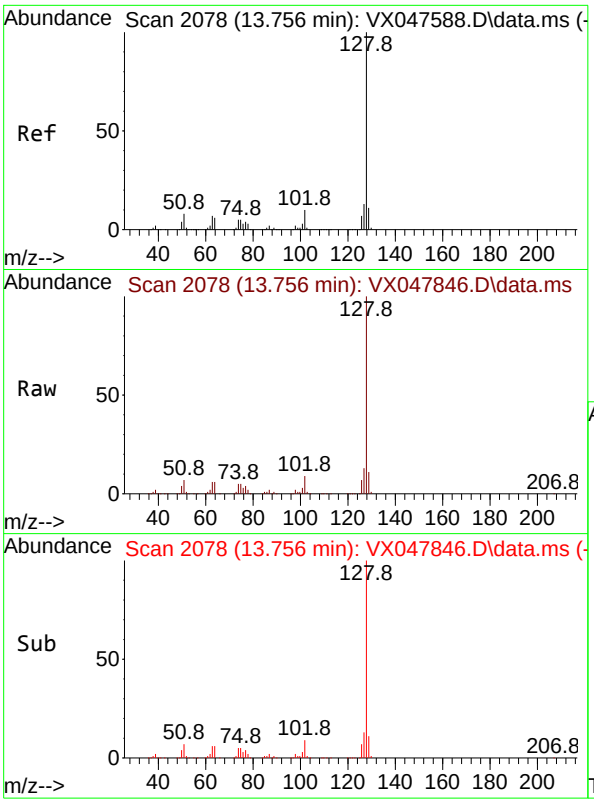


#94
Hexachlorobutadiene
Concen: 49.740 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:225 Resp: 37538

Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.7	95.1
227	61.6	32.0	96.0

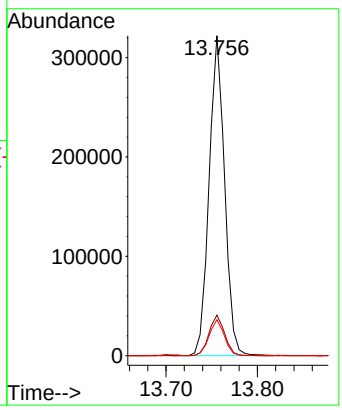




#95
Naphthalene
Concen: 55.899 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:128 Resp: 37818

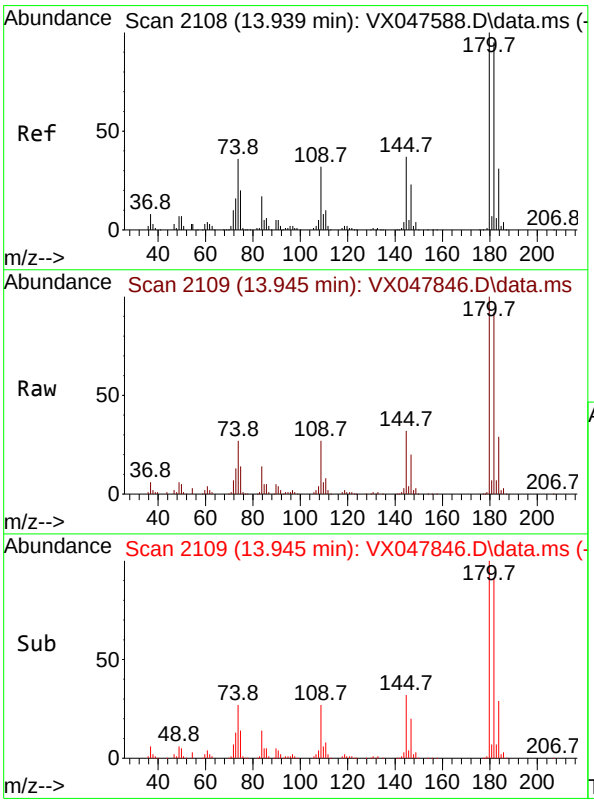
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.1	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

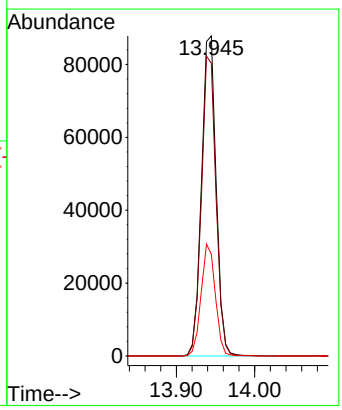
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 55.042 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:180 Resp: 113759

Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.6	142.8
145	34.0	17.9	53.7



Sample Results: **VX047846.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	71	0.00
2	T	Dichlorodifluoromethane	0.518	0.606	-17.0	86	0.00
3	P	Chloromethane	0.680	0.741	-9.0	79	0.00
4	C	Vinyl Chloride	0.666	0.758	-13.8#	81	0.00
5	T	Bromomethane	0.422	0.484	-14.7	81	0.00
6	T	Chloroethane	0.445	0.501	-12.6	80	0.00
7	T	Trichlorofluoromethane	0.989	1.077	-8.9	77	0.00
8	T	Diethyl Ether	0.405	0.475	-17.3	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.638	-10.4	77	0.00
10	T	Methyl Iodide	0.902	0.928	-2.9	72	0.00
11	T	Tert butyl alcohol	0.089	0.108	-21.3	86	0.00
12	CM	1,1-Dichloroethene	0.594	0.672	-13.1#	79	0.00
13	T	Acrolein	0.082	0.080	2.4	69	0.00
14	T	Allyl chloride	1.226	1.207	1.5	71	0.00
15	T	Acrylonitrile	0.328	0.423	-29.0#	86	0.00
16	T	Acetone	0.346	0.348	-0.6	78	0.00
17	T	Carbon Disulfide	1.626	1.770	-8.9	80	0.00
18	T	Methyl Acetate	0.770	1.045	-35.7#	84	0.00
19	T	Methyl tert-butyl Ether	2.169	2.523	-16.3	79	0.00
20	T	Methylene Chloride	0.732	0.842	-15.0	82	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.723	-13.0	79	0.00
22	T	Diisopropyl ether	2.376	2.767	-16.5	79	0.00
23	T	Vinyl Acetate	1.901	2.225	-17.0	79	0.00
24	P	1,1-Dichloroethane	1.263	1.439	-13.9	79	0.00
25	T	2-Butanone	0.432	0.519	-20.1	84	0.00
26	T	2,2-Dichloropropane	1.050	0.552	47.4#	37#	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.895	-14.3	78	0.00
28	T	Bromochloromethane	0.551	0.605	-9.8	74	0.00
29	T	Tetrahydrofuran	0.260	0.337	-29.6#	87	0.00
30	C	Chloroform	1.276	1.490	-16.8#	80	0.00
31	T	Cyclohexane	1.052	1.095	-4.1	75	0.00
32	T	1,1,1-Trichloroethane	1.082	1.212	-12.0	76	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.855	-7.4	79	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35	S	Dibromofluoromethane	0.335	0.359	-7.2	80	0.00
36	T	1,1-Dichloropropene	0.490	0.498	-1.6	75	0.00
37	T	Ethyl Acetate	0.525	0.612	-16.6	85	0.00
38	T	Carbon Tetrachloride	0.532	0.548	-3.0	75	0.00
39	T	Methylcyclohexane	0.556	0.546	1.8	71	0.00
40	TM	Benzene	1.488	1.635	-9.9	79	0.00
41	T	Methacrylonitrile	0.271	0.324	-19.6	84	0.00
42	TM	1,2-Dichloroethane	0.566	0.617	-9.0	78	0.00
43	T	Isopropyl Acetate	0.860	0.982	-14.2	81	0.00
44	TM	Trichloroethene	0.360	0.393	-9.2	78	0.00
45	C	1,2-Dichloropropane	0.381	0.434	-13.9#	81	0.00
46	T	Dibromomethane	0.277	0.316	-14.1	81	0.00
47	T	Bromodichloromethane	0.572	0.648	-13.3	79	0.00
48	T	Methyl methacrylate	0.429	0.495	-15.4	81	0.00

Sample Results: **VX047846.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.007	-75.0#	101	0.00
50	S	Toluene-d8	1.160	1.223	-5.4	79	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.597	-25.2#	86	0.00
52	CM	Toluene	0.917	1.016	-10.8#	80	0.00
53	T	t-1,3-Dichloropropene	0.584	0.586	-0.3	70	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.630	-1.0	71	0.00
55	T	1,1,2-Trichloroethane	0.354	0.418	-18.1	84	0.00
56	T	Ethyl methacrylate	0.555	0.661	-19.1	82	0.00
57	T	1,3-Dichloropropane	0.607	0.712	-17.3	82	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.346	-52.4#	94	0.00
59	T	2-Hexanone	0.343	0.416	-21.3	85	0.00
60	T	Dibromochloromethane	0.407	0.487	-19.7	83	0.00
61	T	1,2-Dibromoethane	0.360	0.431	-19.7	84	0.00
62	S	4-Bromofluorobenzene	0.440	0.470	-6.8	81	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64	T	Tetrachloroethene	0.326	0.356	-9.2	84	0.00
65	PM	Chlorobenzene	1.136	1.232	-8.5	81	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.434	-10.7	81	0.00
67	C	Ethyl Benzene	1.960	2.082	-6.2#	79	0.00
68	T	m/p-Xylenes	0.729	0.787	-8.0	79	0.00
69	T	o-Xylene	0.706	0.772	-9.3	80	0.00
70	T	Styrene	1.236	1.375	-11.2	82	0.00
71	P	Bromoform	0.293	0.341	-16.4	84	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73	T	Isopropylbenzene	3.801	3.894	-2.4	78	0.00
74	T	N-amyl acetate	1.733	1.875	-8.2	81	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.325	-15.2	87	0.00
76	T	1,2,3-Trichloropropane	1.012	1.032	-2.0	74	0.00
77	T	Bromobenzene	0.936	0.990	-5.8	81	0.00
78	T	n-propylbenzene	4.494	4.623	-2.9	78	0.00
79	T	2-Chlorotoluene	2.752	2.842	-3.3	79	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.221	-3.1	78	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.325	18.1	63	0.00
82	T	4-Chlorotoluene	3.251	3.354	-3.2	79	0.00
83	T	tert-Butylbenzene	3.197	3.244	-1.5	78	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.283	-3.7	79	0.00
85	T	sec-Butylbenzene	3.797	3.883	-2.3	78	0.00
86	T	p-Isopropyltoluene	3.215	3.275	-1.9	77	0.00
87	T	1,3-Dichlorobenzene	1.739	1.838	-5.7	82	0.00
88	T	1,4-Dichlorobenzene	1.785	1.846	-3.4	81	0.00
89	T	n-Butylbenzene	2.975	2.970	0.2	76	0.00
90	T	Hexachloroethane	0.564	0.593	-5.1	81	0.00
91	T	1,2-Dichlorobenzene	1.657	1.794	-8.3	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.266	-14.2	85	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.131	-5.0	79	0.00
94	T	Hexachlorobutadiene	0.366	0.364	0.5	77	0.00
95	T	Naphthalene	3.279	3.666	-11.8	84	0.00

Sample Results: **VX047846.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	1.103	-10.1	82	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX047846.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	71	0.00
2	T	Dichlorodifluoromethane	50.000	58.523	-17.0	86	0.00
3	P	Chloromethane	50.000	54.475	-9.0	79	0.00
4	C	Vinyl Chloride	50.000	56.912	-13.8#	81	0.00
5	T	Bromomethane	50.000	57.303	-14.6	81	0.00
6	T	Chloroethane	50.000	56.248	-12.5	80	0.00
7	T	Trichlorofluoromethane	50.000	54.430	-8.9	77	0.00
8	T	Diethyl Ether	50.000	58.684	-17.4	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.163	-10.3	77	0.00
10	T	Methyl Iodide	50.000	51.469	-2.9	72	0.00
11	T	Tert butyl alcohol	250.000	304.339	-21.7	86	0.00
12	CM	1,1-Dichloroethene	50.000	56.539	-13.1#	79	0.00
13	T	Acrolein	250.000	244.406	2.2	69	0.00
14	T	Allyl chloride	50.000	49.230	1.5	71	0.00
15	T	Acrylonitrile	250.000	322.462	-29.0#	86	0.00
16	T	Acetone	250.000	251.295	-0.5	78	0.00
17	T	Carbon Disulfide	50.000	54.421	-8.8	80	0.00
18	T	Methyl Acetate	50.000	67.874	-35.7#	84	0.00
19	T	Methyl tert-butyl Ether	50.000	58.162	-16.3	79	0.00
20	T	Methylene Chloride	50.000	57.488	-15.0	82	0.00
21	T	trans-1,2-Dichloroethene	50.000	56.516	-13.0	79	0.00
22	T	Diisopropyl ether	50.000	58.235	-16.5	79	0.00
23	T	Vinyl Acetate	250.000	292.559	-17.0	79	0.00
24	P	1,1-Dichloroethane	50.000	56.999	-14.0	79	0.00
25	T	2-Butanone	250.000	300.509	-20.2	84	0.00
26	T	2,2-Dichloropropane	50.000	26.315	47.4#	37	0.00
27	T	cis-1,2-Dichloroethene	50.000	57.150	-14.3	78	0.00
28	T	Bromochloromethane	50.000	54.872	-9.7	74	0.00
29	T	Tetrahydrofuran	250.000	324.797	-29.9#	87	0.00
30	C	Chloroform	50.000	58.390	-16.8#	80	0.00
31	T	Cyclohexane	50.000	52.059	-4.1	75	0.00
32	T	1,1,1-Trichloroethane	50.000	55.983	-12.0	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.702	-7.4	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35	S	Dibromofluoromethane	50.000	53.504	-7.0	80	0.00
36	T	1,1-Dichloropropene	50.000	50.775	-1.5	75	0.00
37	T	Ethyl Acetate	50.000	58.292	-16.6	85	0.00
38	T	Carbon Tetrachloride	50.000	51.447	-2.9	75	0.00
39	T	Methylcyclohexane	50.000	49.101	1.8	71	0.00
40	TM	Benzene	50.000	54.941	-9.9	79	0.00
41	T	Methacrylonitrile	50.000	59.748	-19.5	84	0.00
42	TM	1,2-Dichloroethane	50.000	54.521	-9.0	78	0.00
43	T	Isopropyl Acetate	50.000	57.038	-14.1	81	0.00
44	TM	Trichloroethene	50.000	54.607	-9.2	78	0.00
45	C	1,2-Dichloropropane	50.000	56.928	-13.9#	81	0.00
46	T	Dibromomethane	50.000	56.959	-13.9	81	0.00
47	T	Bromodichloromethane	50.000	56.657	-13.3	79	0.00
48	T	Methyl methacrylate	50.000	57.803	-15.6	81	0.00

Sample Results: **VX047846.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	1515.251	-51.5#	101	0.00
50	S	Toluene-d8	50.000	52.686	-5.4	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	312.881	-25.2#	86	0.00
52	CM	Toluene	50.000	55.407	-10.8#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	50.205	-0.4	70	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.456	-0.9	71	0.00
55	T	1,1,2-Trichloroethane	50.000	59.143	-18.3	84	0.00
56	T	Ethyl methacrylate	50.000	59.552	-19.1	82	0.00
57	T	1,3-Dichloropropane	50.000	58.624	-17.2	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	320.095	-28.0#	94	0.00
59	T	2-Hexanone	250.000	303.339	-21.3	85	0.00
60	T	Dibromochloromethane	50.000	59.800	-19.6	83	0.00
61	T	1,2-Dibromoethane	50.000	59.844	-19.7	84	0.00
62	S	4-Bromofluorobenzene	50.000	53.331	-6.7	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	54.685	-9.4	84	0.00
65	PM	Chlorobenzene	50.000	54.250	-8.5	81	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.391	-10.8	81	0.00
67	C	Ethyl Benzene	50.000	53.122	-6.2#	79	0.00
68	T	m/p-Xylenes	100.000	107.876	-7.9	79	0.00
69	T	o-Xylene	50.000	54.716	-9.4	80	0.00
70	T	Styrene	50.000	55.621	-11.2	82	0.00
71	P	Bromoform	50.000	58.336	-16.7	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73	T	Isopropylbenzene	50.000	51.224	-2.4	78	0.00
74	T	N-amyl acetate	50.000	54.089	-8.2	81	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	57.589	-15.2	87	0.00
76	T	1,2,3-Trichloropropane	50.000	50.981	-2.0	74	0.00
77	T	Bromobenzene	50.000	52.856	-5.7	81	0.00
78	T	n-propylbenzene	50.000	51.437	-2.9	78	0.00
79	T	2-Chlorotoluene	50.000	51.630	-3.3	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.573	-3.1	78	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.974	18.1	63	0.00
82	T	4-Chlorotoluene	50.000	51.591	-3.2	79	0.00
83	T	tert-Butylbenzene	50.000	50.729	-1.5	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.846	-3.7	79	0.00
85	T	sec-Butylbenzene	50.000	51.130	-2.3	78	0.00
86	T	p-Isopropyltoluene	50.000	50.930	-1.9	77	0.00
87	T	1,3-Dichlorobenzene	50.000	52.835	-5.7	82	0.00
88	T	1,4-Dichlorobenzene	50.000	51.714	-3.4	81	0.00
89	T	n-Butylbenzene	50.000	49.913	0.2	76	0.00
90	T	Hexachloroethane	50.000	52.570	-5.1	81	0.00
91	T	1,2-Dichlorobenzene	50.000	54.154	-8.3	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.166	-14.3	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.530	-5.1	79	0.00
94	T	Hexachlorobutadiene	50.000	49.740	0.5	77	0.00
95	T	Naphthalene	50.000	55.899	-11.8	84	0.00

Sample Results: **VX047846.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	55.042	-10.1	82	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

QC SAMPLE DATA

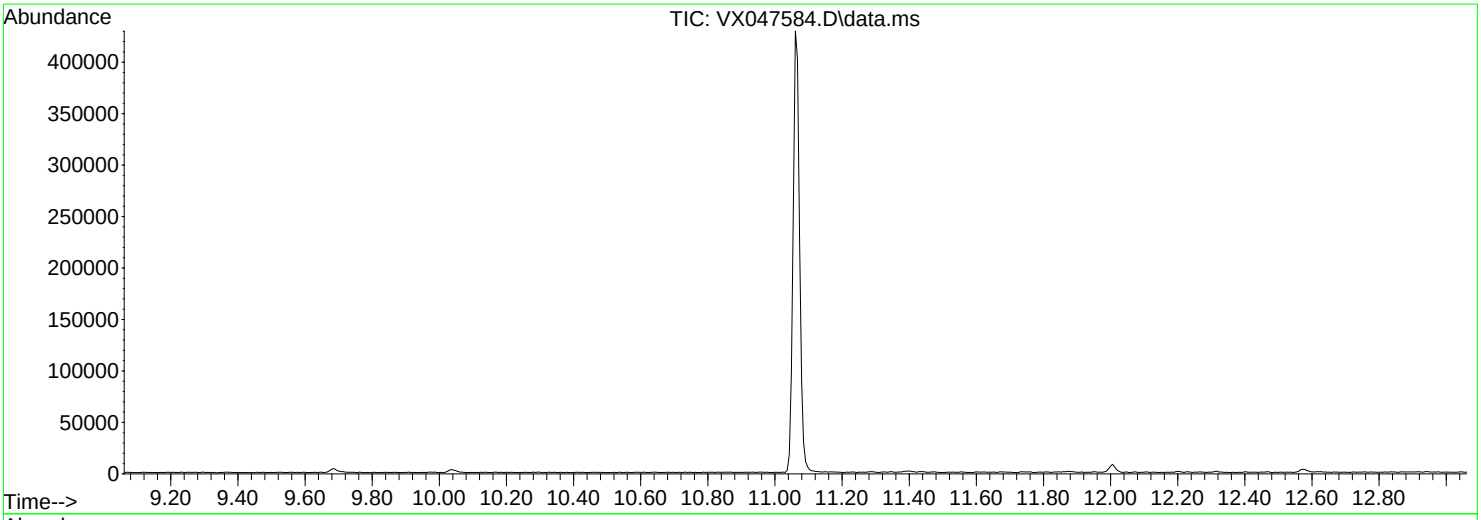
Sample Results: **VX047584.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047584.D
Acq On : 16 Sep 2025 08:56
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\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1628

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	15566	PASS
75	95	30	60	54.0	41979	PASS
95	95	100	100	100.0	77717	PASS
96	95	5	9	7.0	5432	PASS
173	174	0.00	2	1.0	507	PASS
174	95	50	100	67.3	52275	PASS
175	174	5	9	8.1	4209	PASS
176	174	95	101	98.6	51560	PASS
177	176	5	9	6.4	3311	PASS

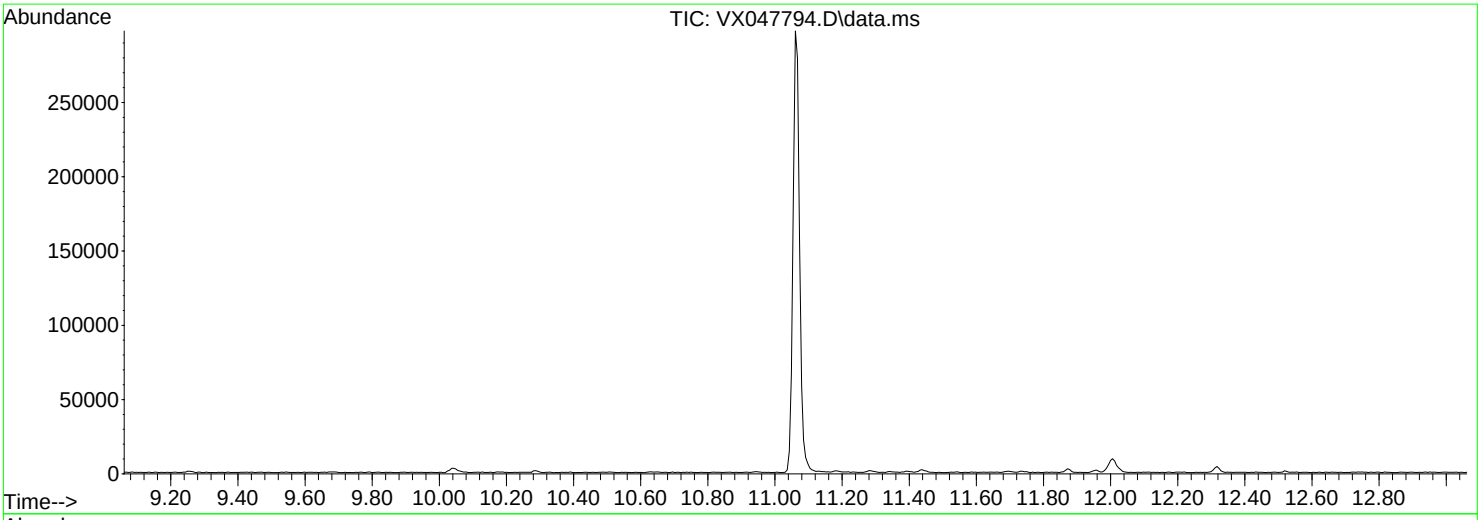
Sample Results: **VX047794.D**

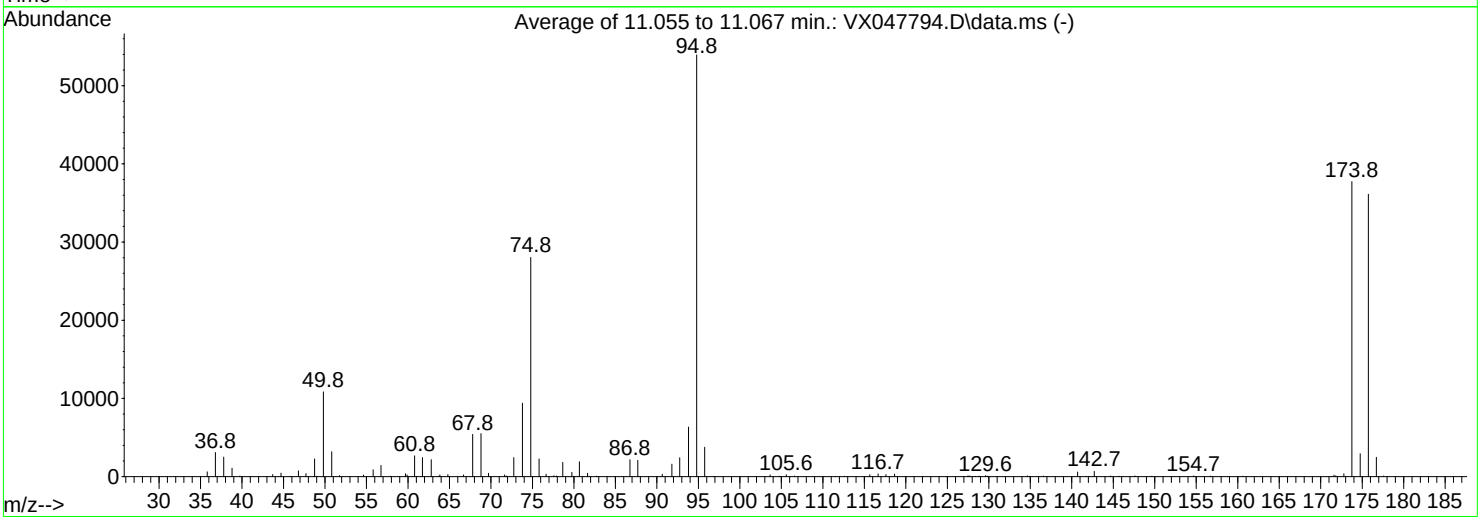
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047794.D
Acq On : 25 Sep 2025 08:24
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025





AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1628

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.1	10851	PASS
75	95	30	60	52.0	28035	PASS
95	95	100	100	100.0	53944	PASS
96	95	5	9	7.0	3775	PASS
173	174	0.00	2	1.0	365	PASS
174	95	50	100	69.9	37728	PASS
175	174	5	9	7.8	2936	PASS
176	174	95	101	95.7	36117	PASS
177	176	5	9	6.9	2482	PASS

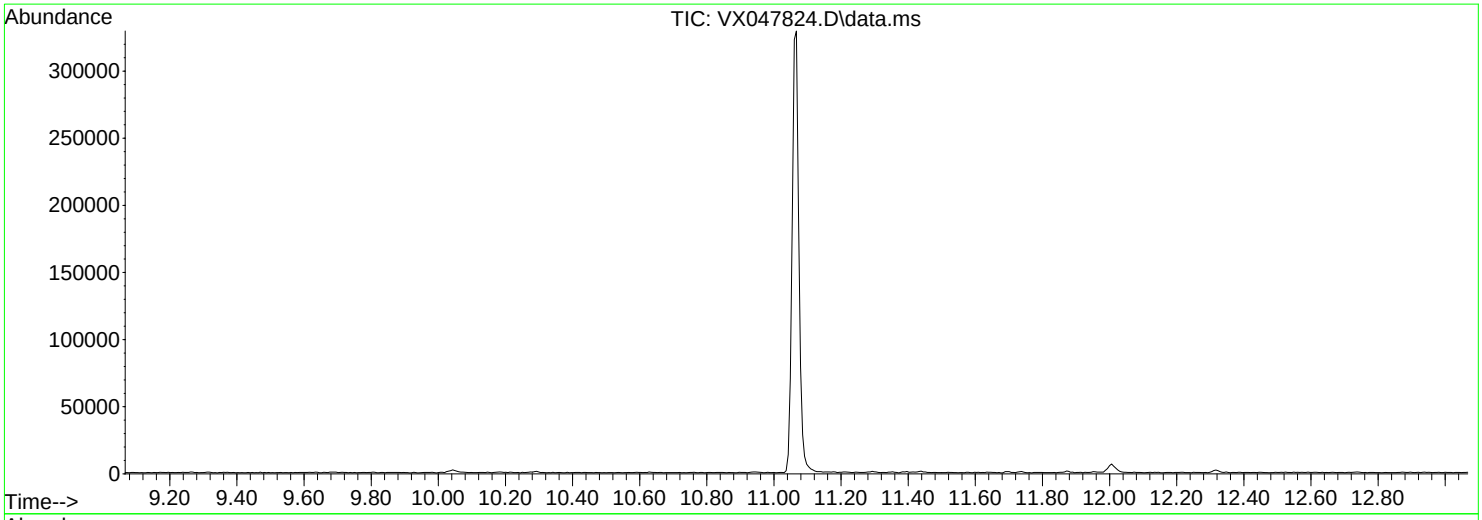
Sample Results: **VX047824.D**

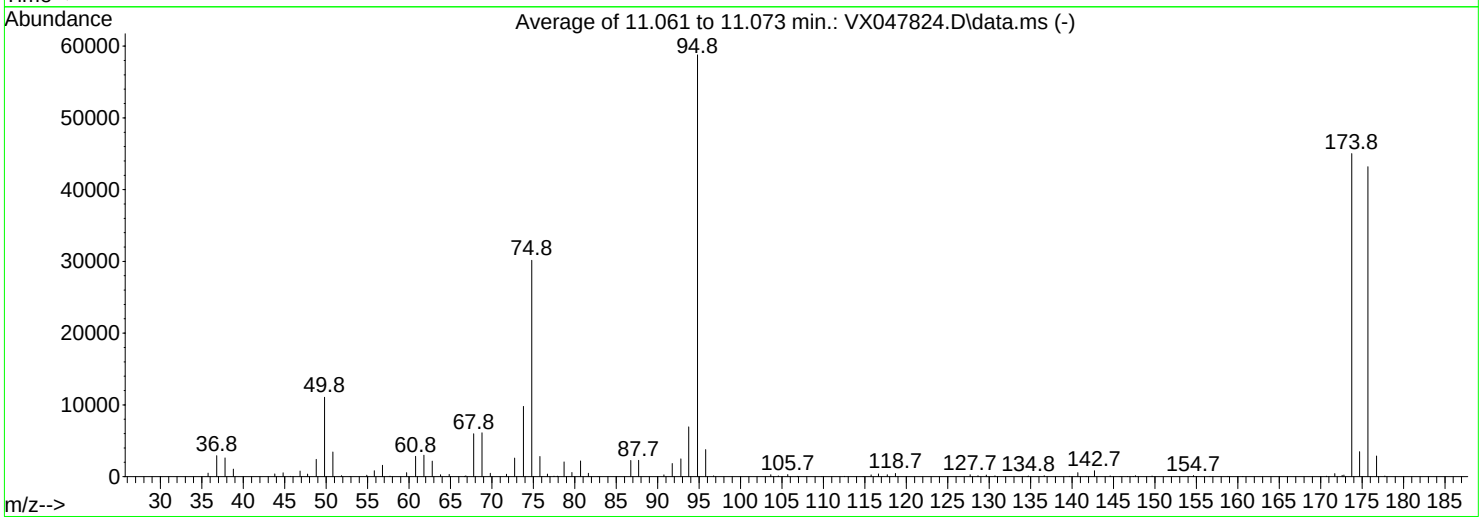
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047824.D
Acq On : 26 Sep 2025 00:46
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025





AutoFind: Scans 1636, 1637, 1638; Background Corrected with Scan 1629

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.8	11063	PASS
75	95	30	60	51.3	30160	PASS
95	95	100	100	100.0	58787	PASS
96	95	5	9	6.4	3761	PASS
173	174	0.00	2	0.5	218	PASS
174	95	50	100	76.6	45032	PASS
175	174	5	9	7.7	3475	PASS
176	174	95	101	95.9	43203	PASS
177	176	5	9	6.6	2870	PASS

Raw Data: **VX047797.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0925WBL01	SDG No.:	Q3128
Lab Sample ID:	VX0925WBL01	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:	Date Analyzed	Prep Batch ID
VX047797.D	1	09/25/25 09:46	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

Raw Data: **VX047797.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0925WBL01	SDG No.:	Q3128
Lab Sample ID:	VX0925WBL01	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:	Date Analyzed	Prep Batch ID
VX047797.D	1	09/25/25 09:46	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.1		81 - 118		102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	48.3		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3		85 - 114		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	117000	5.538				
540-36-3	1,4-Difluorobenzene	246000	6.745				
3114-55-4	Chlorobenzene-d5	252000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	126000	12.006				

Raw Data: **VX047797.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0925WBL01	SDG No.:	Q3128
Lab Sample ID:	VX0925WBL01	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:	Date Analyzed	Prep Batch ID
VX047797.D	1	09/25/25 09:46	VX092525

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\VX092525\
Data File : VX047797.D
Acq On : 25 Sep 2025 09:46
Operator : JC/MD
Sample : VX0925WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

Quant Time: Sep 26 01:22:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

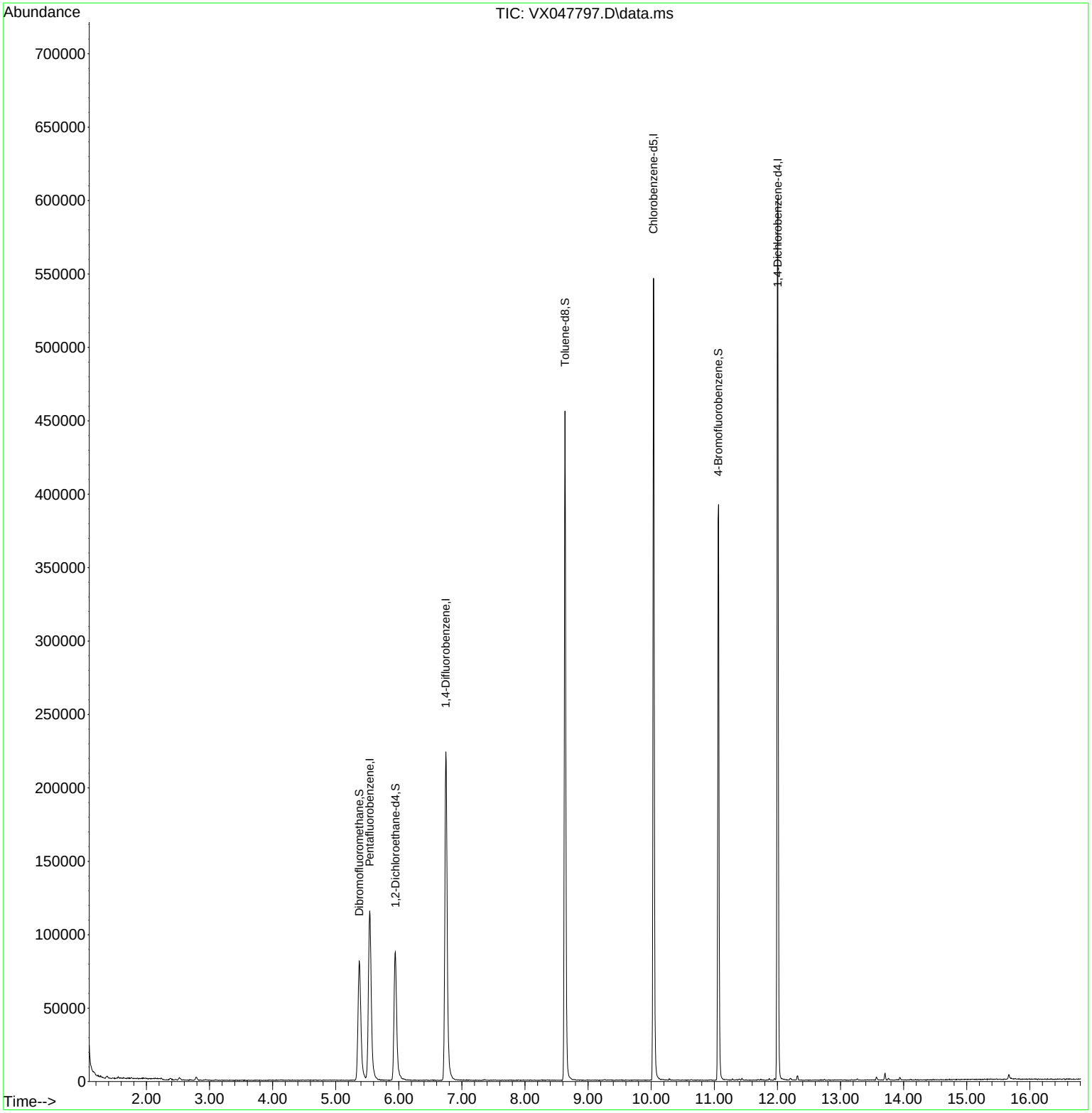
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	117291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	245721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	251657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95323	51.057	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.120%			
35) Dibromofluoromethane	5.373	113	79793	48.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.840%			
50) Toluene-d8	8.635	98	275174	48.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.520%			
62) 4-Bromofluorobenzene	11.061	95	115320	53.288	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.580%			
Target Compounds						Qvalue

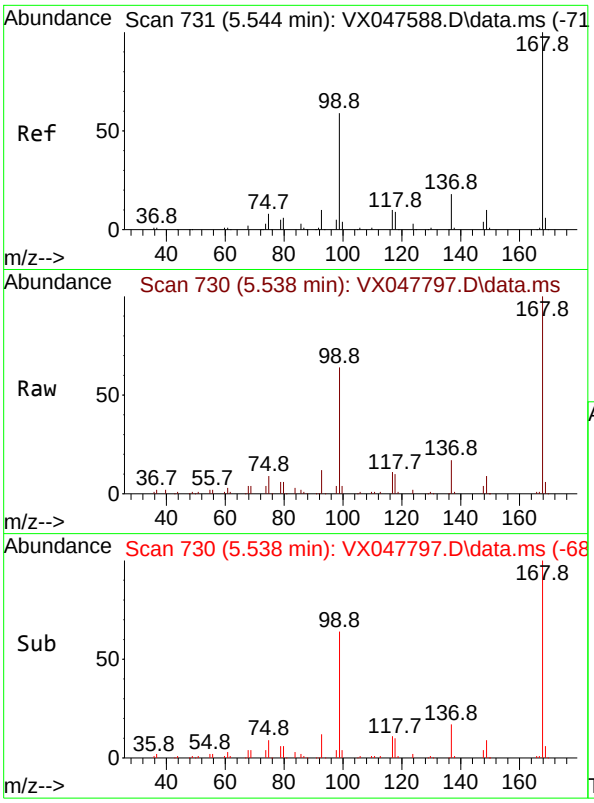
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047797.D
Acq On : 25 Sep 2025 09:46
Operator : JC/MD
Sample : VX0925WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

Quant Time: Sep 26 01:22:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



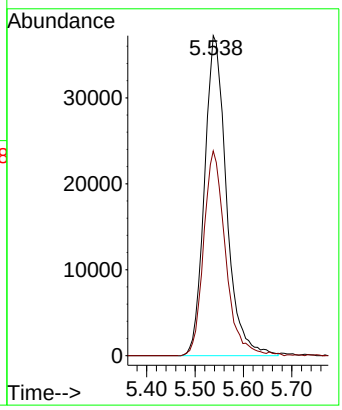


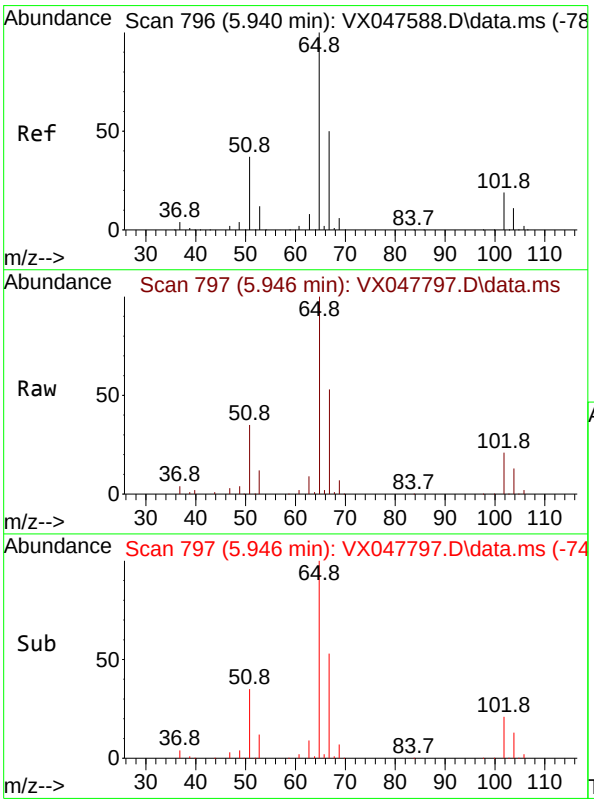
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

Tgt Ion:168 Resp: 117291

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2

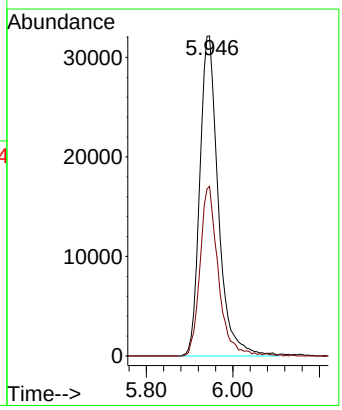


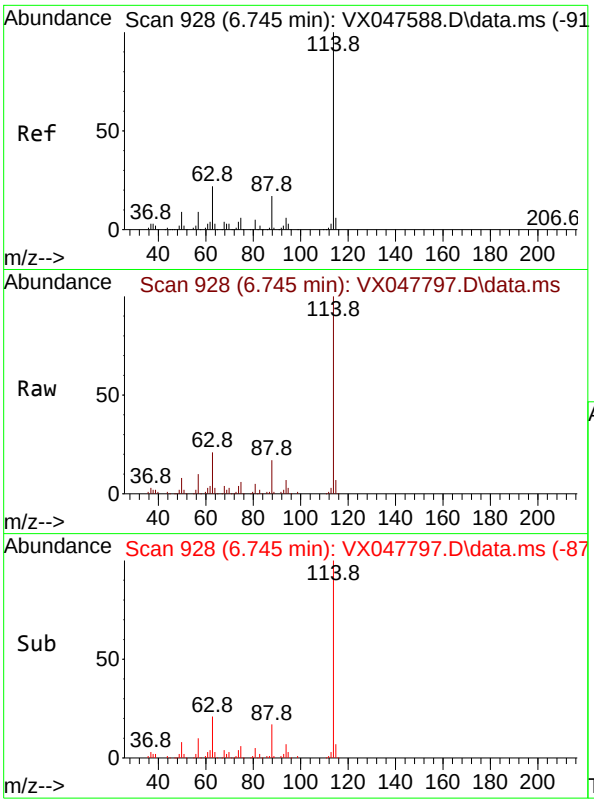


#33
1,2-Dichloroethane-d4
Concen: 51.057 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Tgt Ion: 65 Resp: 95323

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0



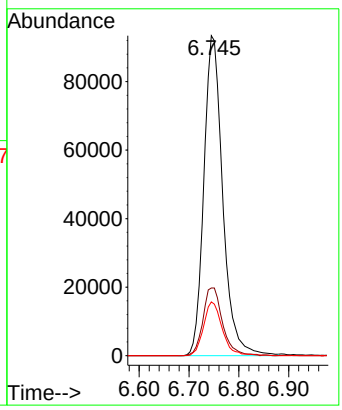


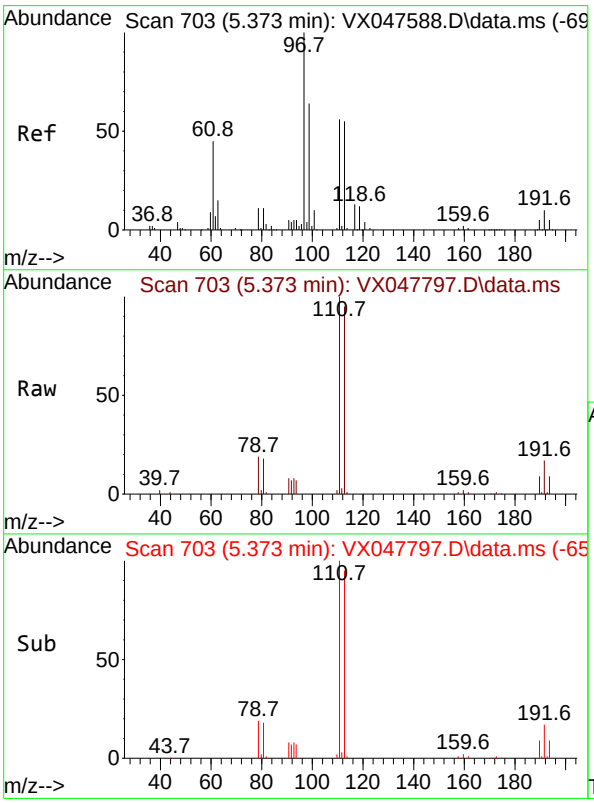
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

Tgt Ion:114 Resp: 245721

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.0
88	16.8	0.0	34.2

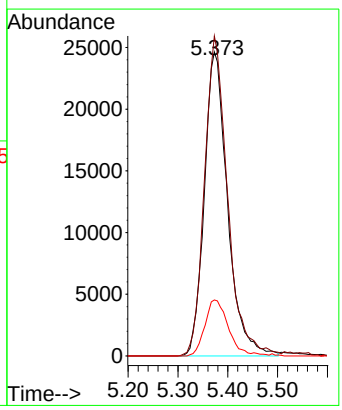


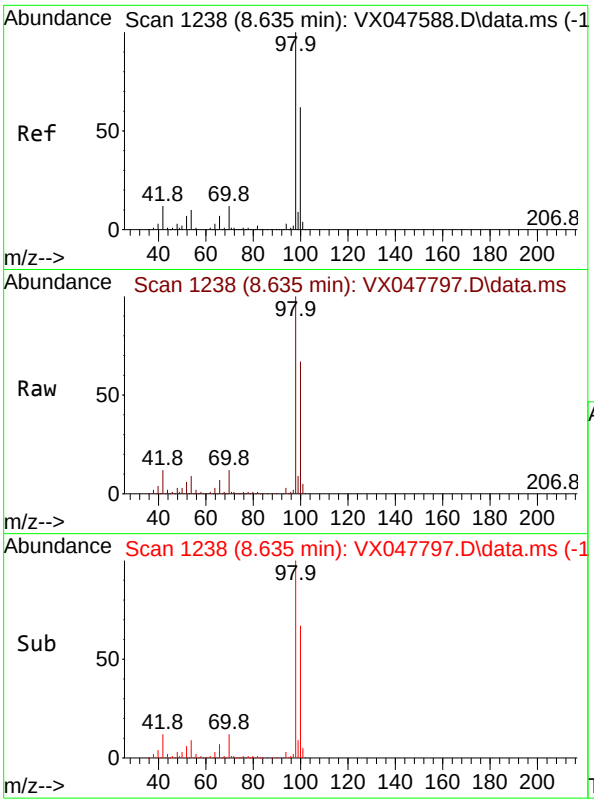


#35
Dibromofluoromethane
Concen: 48.420 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Tgt Ion:113 Resp: 79793

Ion	Ratio	Lower	Upper
113	100		
111	104.5	80.9	121.3
192	18.7	14.2	21.4



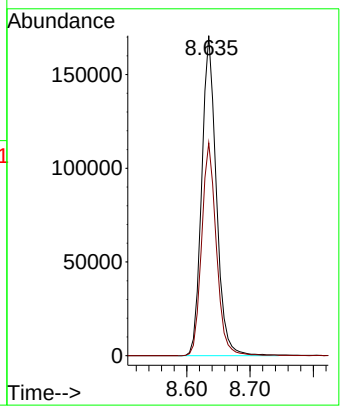


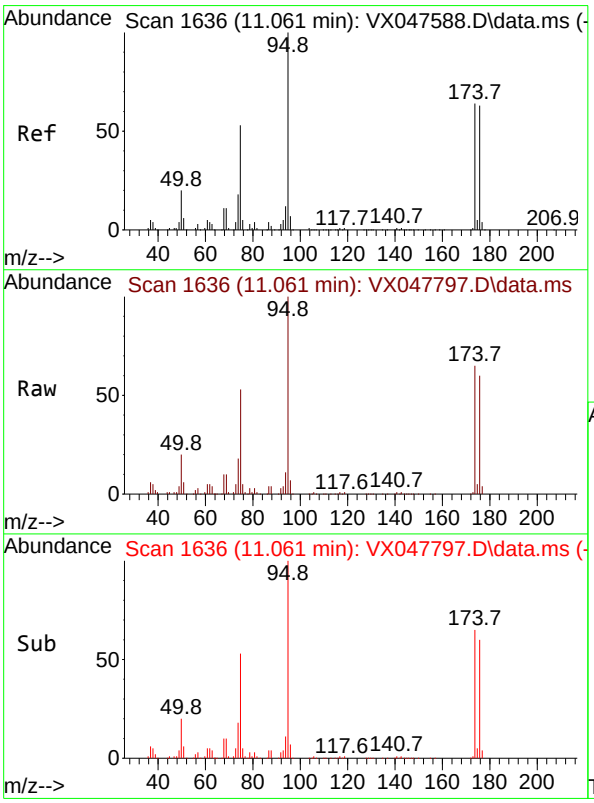
#50
Toluene-d8
Concen: 48.258 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

Tgt Ion: 98 Resp: 275174

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

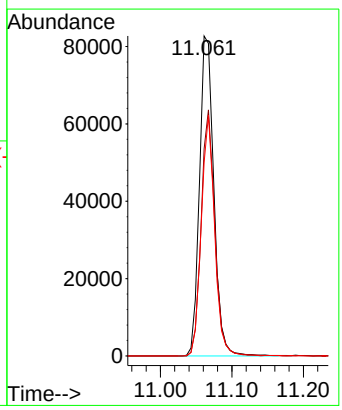


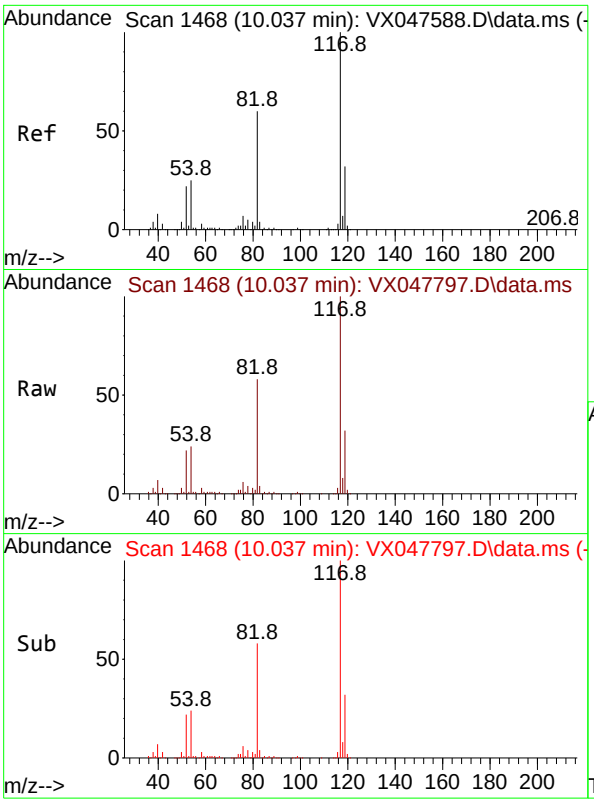


#62
4-Bromofluorobenzene
Concen: 53.288 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Tgt Ion: 95 Resp: 115320

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	141.6
176	70.2	0.0	138.4



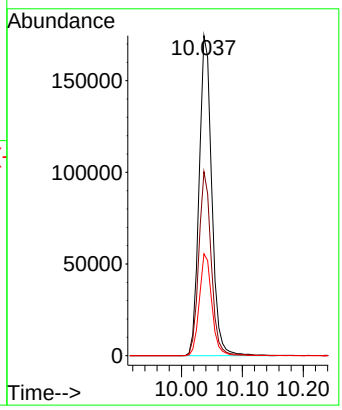


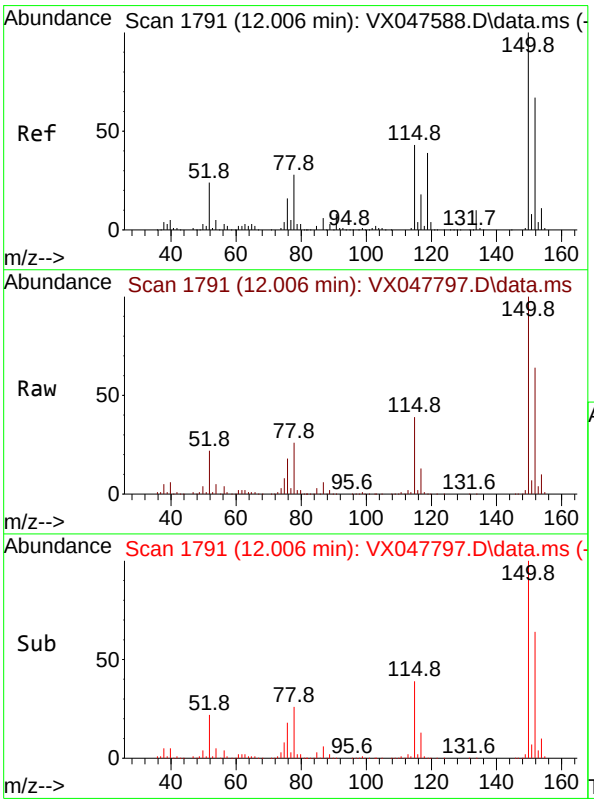
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

Tgt Ion:117 Resp: 251657

Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.8	71.6
119	31.9	25.2	37.8

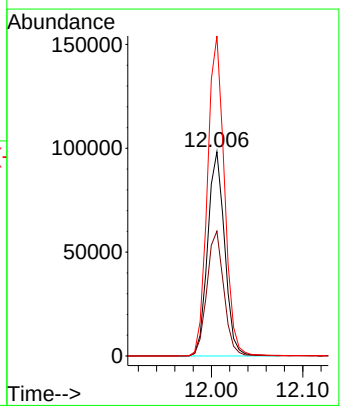




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Tgt Ion:152 Resp: 126490

Ion	Ratio	Lower	Upper
152	100		
115	61.2	44.9	134.5
150	156.7	0.0	352.0



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0925WBL02	SDG No.:	Q3128
Lab Sample ID:	VX0925WBL02	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:	Date Analyzed	Prep Batch ID
VX047826.D	1	09/26/25 02:10	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
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
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	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
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	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
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	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

Raw Data: **VX047826.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0925WBL02	SDG No.:	Q3128
Lab Sample ID:	VX0925WBL02	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:	Date Analyzed	Prep Batch ID
VX047826.D	1	09/26/25 02:10	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	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
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.3		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	48.7		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.8		85 - 114		110%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	122000	5.538				
540-36-3	1,4-Difluorobenzene	259000	6.745				
3114-55-4	Chlorobenzene-d5	270000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	139000	12.006				

Raw Data: **VX047826.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0925WBL02	SDG No.:	Q3128
Lab Sample ID:	VX0925WBL02	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:	Date Analyzed	Prep Batch ID
VX047826.D	1	09/26/25 02:10	VX092525

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\VX092525\
Data File : VX047826.D
Acq On : 26 Sep 2025 02:10
Operator : JC/MD
Sample : VX0925WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

Quant Time: Sep 26 03:56:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

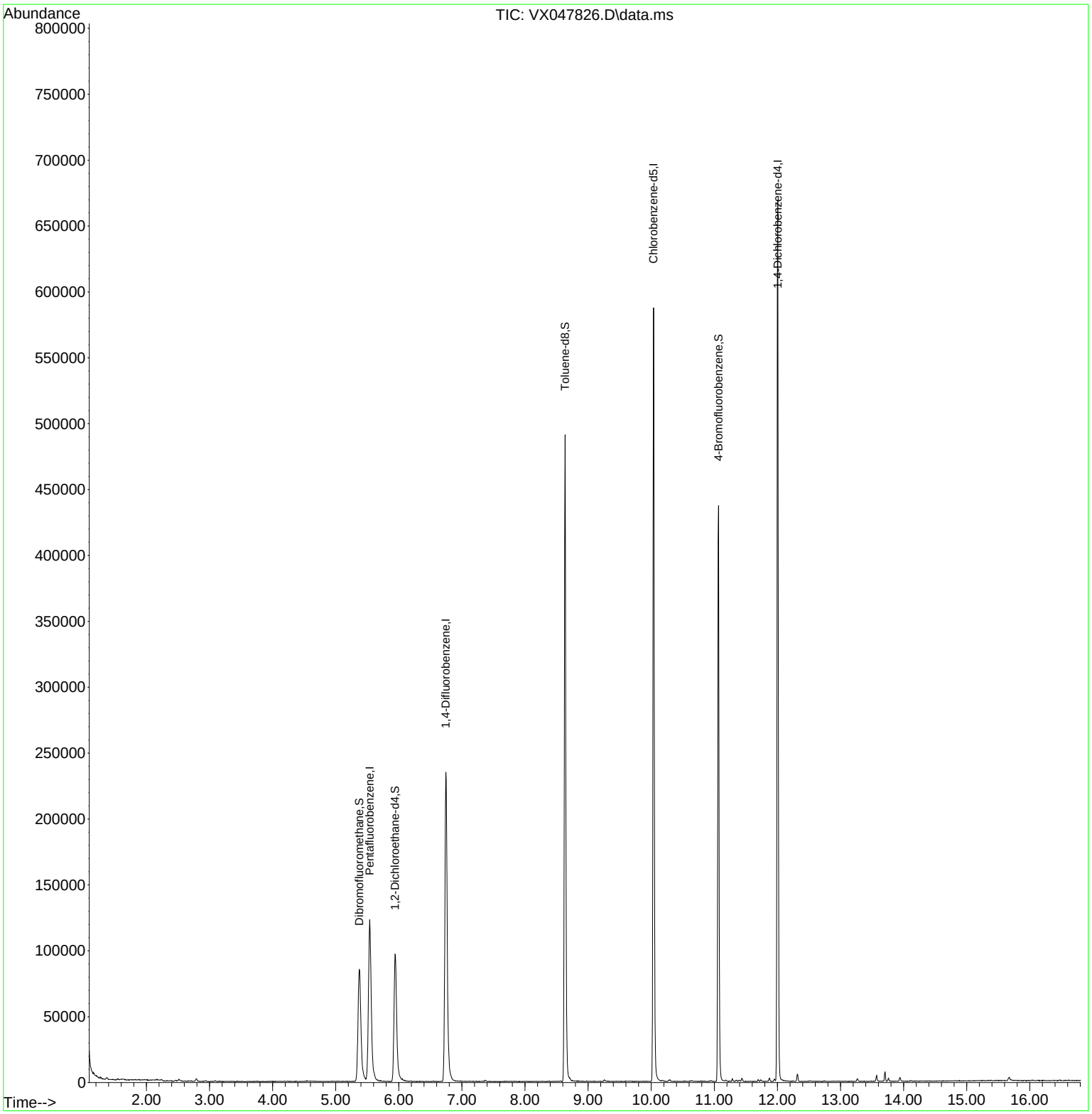
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	121983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	259174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	269510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105522	54.346	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.700%			
35) Dibromofluoromethane	5.373	113	84777	48.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.540%			
50) Toluene-d8	8.635	98	292890	48.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.400%			
62) 4-Bromofluorobenzene	11.067	95	125101	54.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.620%			
Target Compounds						Qvalue

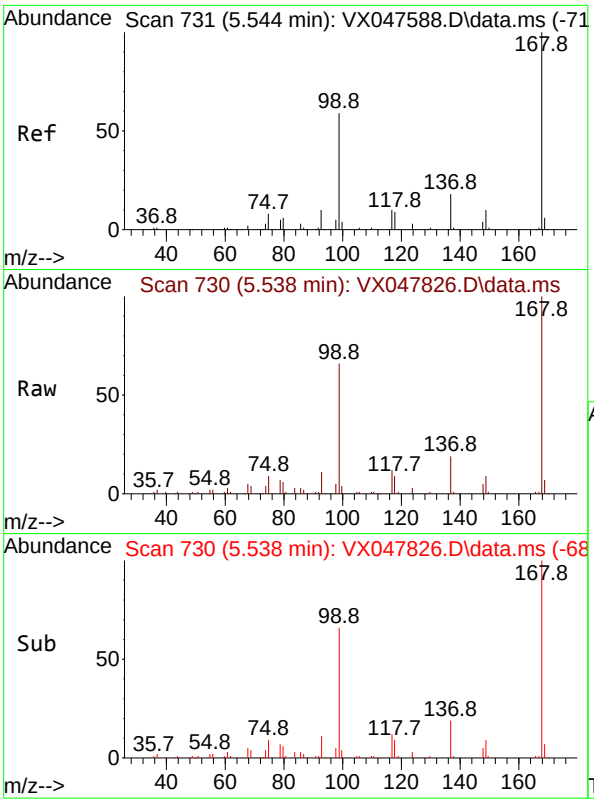
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047826.D
Acq On : 26 Sep 2025 02:10
Operator : JC/MD
Sample : VX0925WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

Quant Time: Sep 26 03:56:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



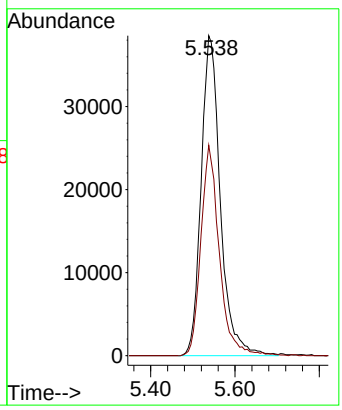


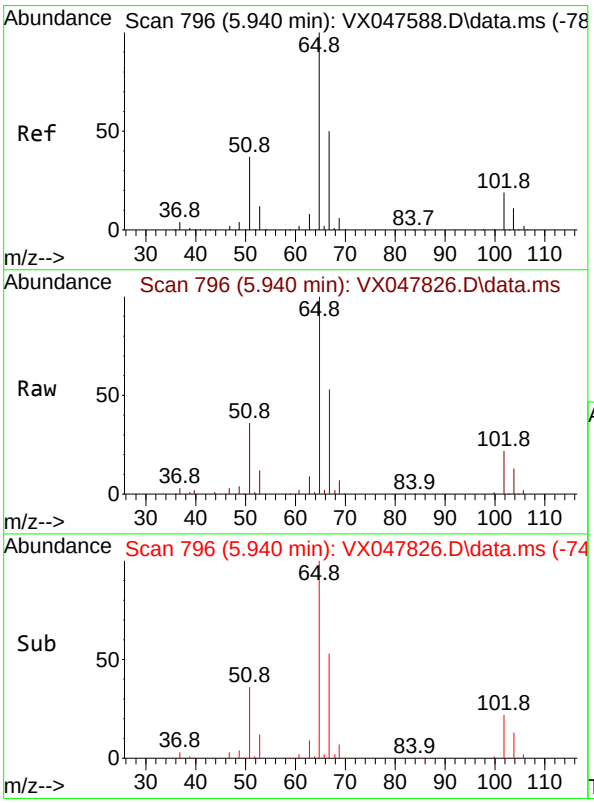
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

Tgt Ion:168 Resp: 121983

Ion	Ratio	Lower	Upper
168	100		
99	65.8	48.8	73.2

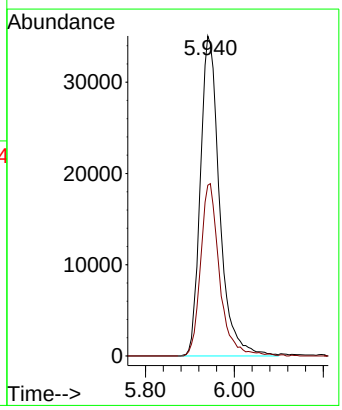


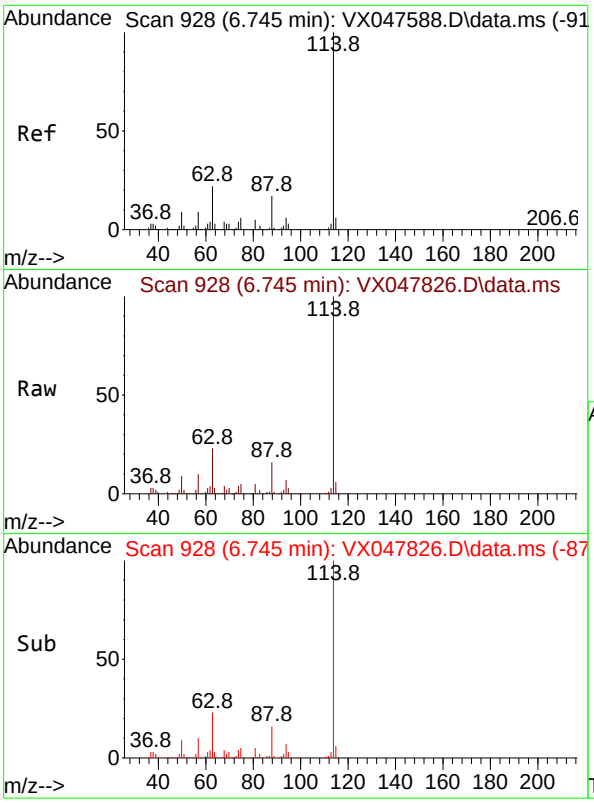


#33
1,2-Dichloroethane-d4
Concen: 54.346 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion: 65 Resp: 105522

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.0



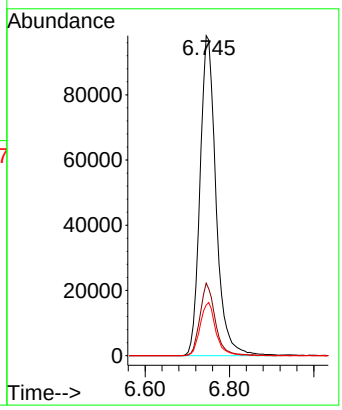


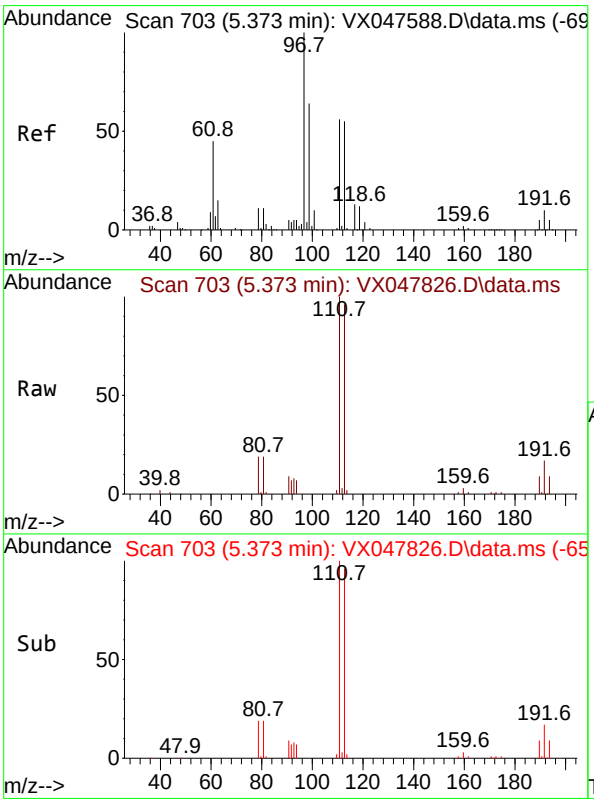
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

Tgt Ion:114 Resp: 259174

Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	44.0
88	15.8	0.0	34.2

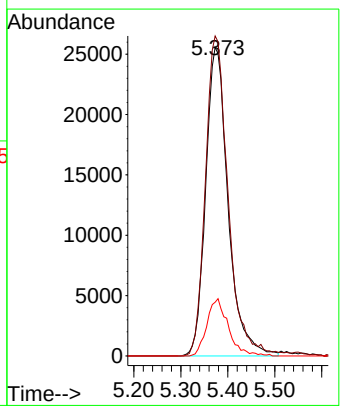


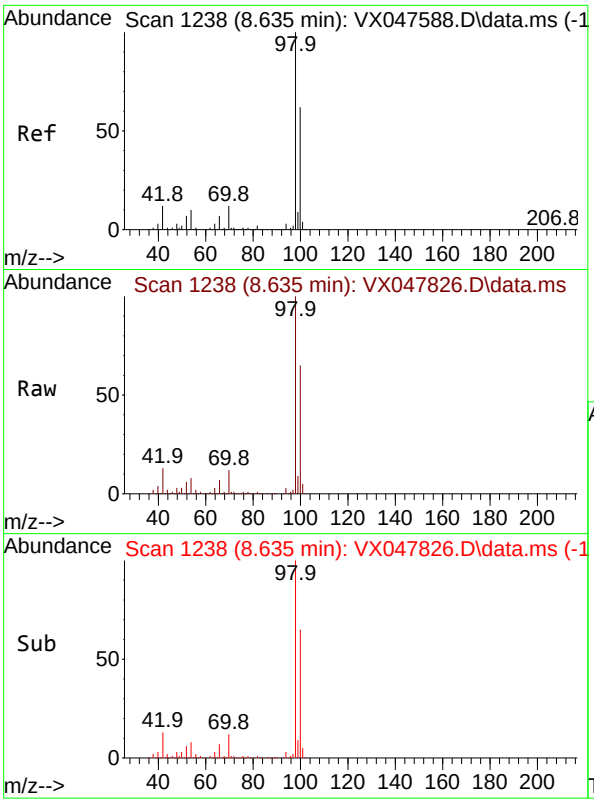


#35
Dibromofluoromethane
Concen: 48.774 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion:113 Resp: 84777

Ion	Ratio	Lower	Upper
113	100		
111	105.0	80.9	121.3
192	17.8	14.2	21.4



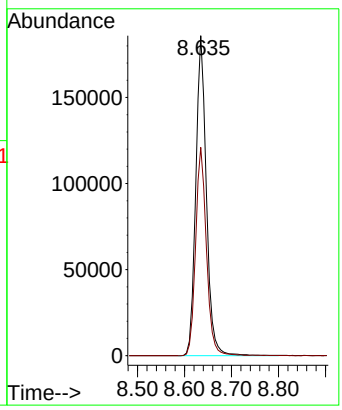


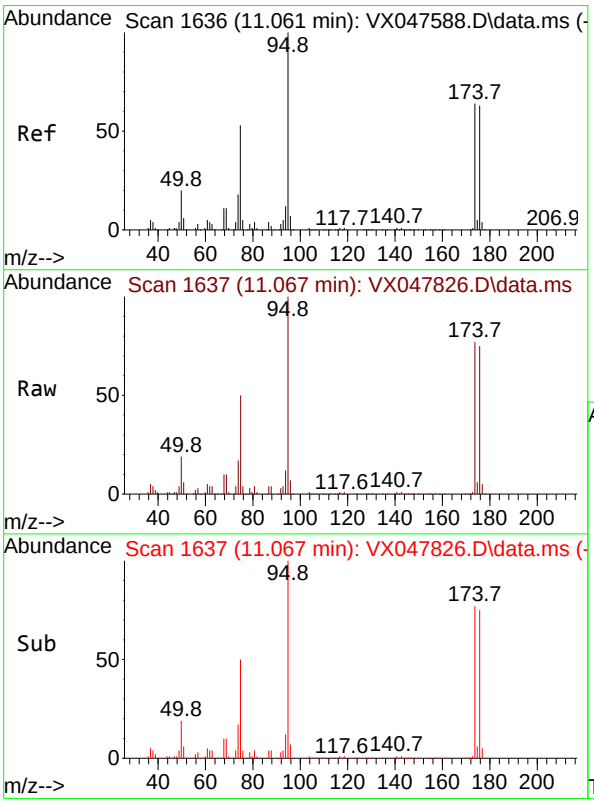
#50
Toluene-d8
Concen: 48.698 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

Tgt Ion: 98 Resp: 292890

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

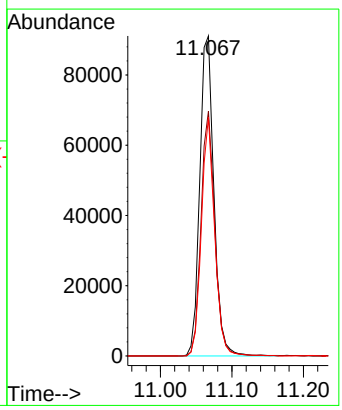


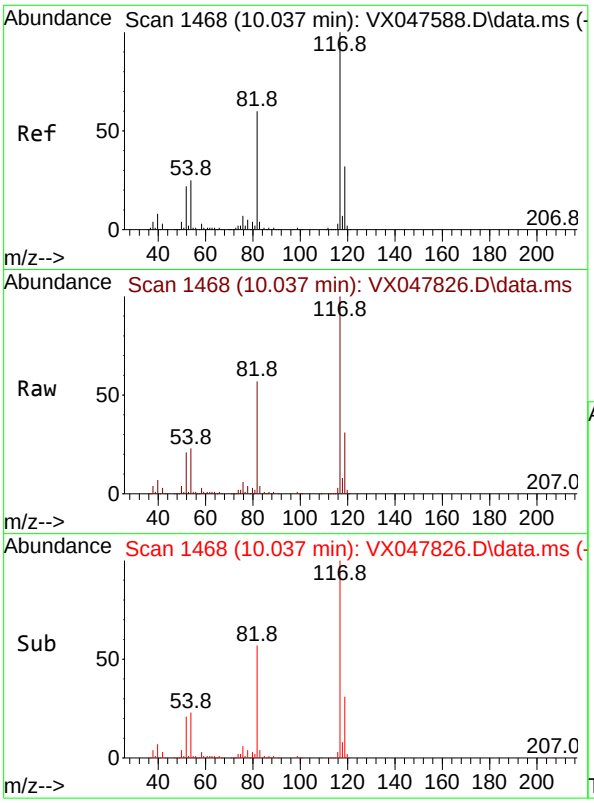


#62
4-Bromofluorobenzene
Concen: 54.807 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion: 95 Resp: 125101

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	141.6
176	70.1	0.0	138.4



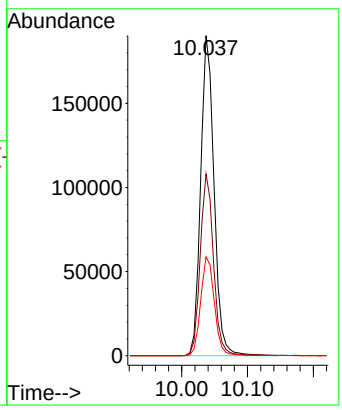


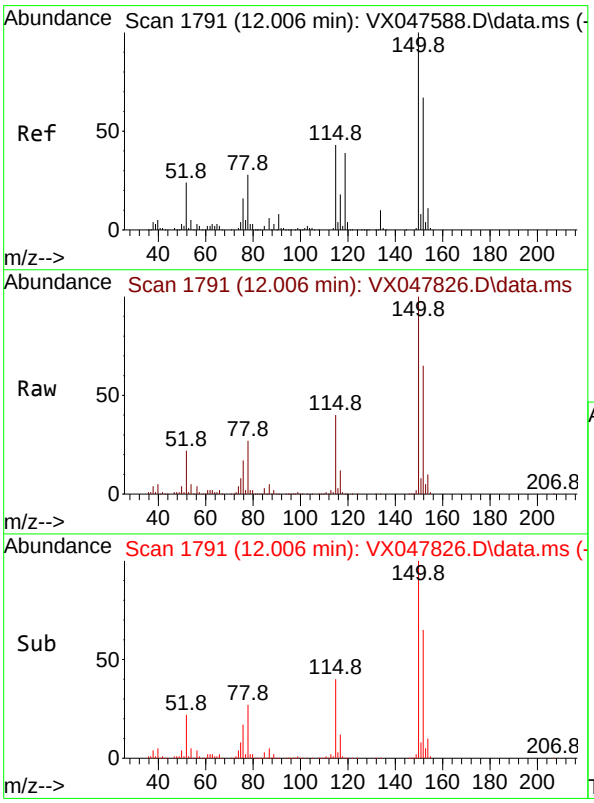
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

Tgt Ion:117 Resp: 269510

Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.8	71.6
119	30.9	25.2	37.8

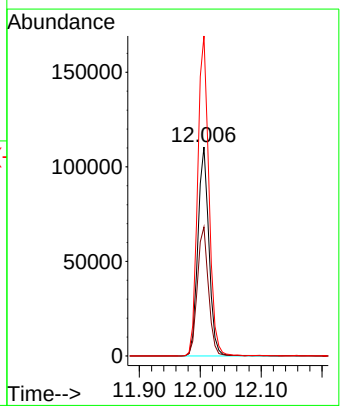




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion:152 Resp: 138899

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.9	134.5
150	156.0	0.0	352.0



Raw Data: **VX047798.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0925WBS01	SDG No.:	Q3128
Lab Sample ID:	VX0925WBS01	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:	Date Analyzed	Prep Batch ID
VX047798.D	1	09/25/25 10:13	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	22.1		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	20.6		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	20.6		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	20.8		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	20.2		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.8		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.3		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.3		0.23	0.75	1.00	ug/L
67-64-1	Acetone	96.4		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	19.6		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.0		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	22.6		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	20.6		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.2		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.4		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	19.2		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.2		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.3		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	20.0		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	20.7		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.8		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	17.8		0.16	0.50	1.00	ug/L
71-43-2	Benzene	19.9		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.5		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	19.7		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.1		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	19.5		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	20.0		0.14	0.50	1.00	ug/L

Raw Data: **VX047798.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0925WBS01	SDG No.:	Q3128
Lab Sample ID:	VX0925WBS01	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:	Date Analyzed	Prep Batch ID
VX047798.D	1	09/25/25 10:13	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.9		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.3		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.0		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	20.5		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.8		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	18.7		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	19.0		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	18.1		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	37.6		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	18.5		0.12	0.50	1.00	ug/L
100-42-5	Styrene	18.9		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	16.8		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.9		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.5		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.8		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.8		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.6		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	16.2		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.9		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.3		81 - 118		107%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	50.2		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		85 - 114		106%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	147000	5.538				
540-36-3	1,4-Difluorobenzene	269000	6.745				
3114-55-4	Chlorobenzene-d5	253000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	132000	12.006				

Raw Data: **VX047798.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0925WBS01	SDG No.:	Q3128
Lab Sample ID:	VX0925WBS01	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:	Date Analyzed	Prep Batch ID
VX047798.D	1	09/25/25 10:13	VX092525

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\VX092525\
Data File : VX047798.D
Acq On : 25 Sep 2025 10:13
Operator : JC/MD
Sample : VX0925WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	146604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	268605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	252515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	124450	53.330	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.660%			
35) Dibromofluoromethane	5.367	113	93735	52.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.635	98	312702	50.167	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.061	95	125617	53.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	33486	22.058	ug/l	99
3) Chloromethane	1.301	50	41125	20.612	ug/l	98
4) Vinyl Chloride	1.380	62	40168	20.566	ug/l	99
5) Bromomethane	1.618	94	25791	20.825	ug/l	100
6) Chloroethane	1.697	64	26423	20.242	ug/l	95
7) Trichlorofluoromethane	1.892	101	57341	19.773	ug/l	98
8) Diethyl Ether	2.136	74	23961	20.199	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	34453	20.318	ug/l	97
10) Methyl Iodide	2.453	142	47378	17.915	ug/l	100
11) Tert butyl alcohol	2.940	59	25606	98.524	ug/l	100
12) 1,1-Dichloroethene	2.325	96	33638	19.312	ug/l	99
13) Acrolein	2.233	56	24626	102.823	ug/l	97
14) Allyl chloride	2.666	41	68523	19.064	ug/l	96
15) Acrylonitrile	3.056	53	108189	112.384	ug/l	99
16) Acetone	2.373	43	97856	96.444	ug/l	99
17) Carbon Disulfide	2.514	76	93220	19.550	ug/l	99
18) Methyl Acetate	2.703	43	51140	22.648	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	127175	20.001	ug/l	99
20) Methylene Chloride	2.788	84	44268	20.612	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	37858	20.188	ug/l	96
22) Diisopropyl ether	3.751	45	141341	20.291	ug/l	92
23) Vinyl Acetate	3.715	43	568677	102.004	ug/l	99
24) 1,1-Dichloroethane	3.599	63	75627	20.427	ug/l	98
25) 2-Butanone	4.538	43	136517	107.864	ug/l	99
26) 2,2-Dichloropropane	4.458	77	56506	18.360	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	46548	20.268	ug/l	98
28) Bromochloromethane	4.879	49	32353	20.016	ug/l	100
29) Tetrahydrofuran	4.989	42	83019	109.038	ug/l	97
30) Chloroform	5.074	83	77269	20.653	ug/l	96
31) Cyclohexane	5.458	56	59230	19.208	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	62827	19.798	ug/l	98
36) 1,1-Dichloropropene	5.684	75	49190	18.687	ug/l	99
37) Ethyl Acetate	4.696	43	58104	20.616	ug/l	99
38) Carbon Tetrachloride	5.660	117	52056	18.201	ug/l	97
39) Methylcyclohexane	7.367	83	53240	17.818	ug/l	98
40) Benzene	6.025	78	158698	19.850	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047798.D
Acq On : 25 Sep 2025 10:13
Operator : JC/MD
Sample : VX0925WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	29283	20.125	ug/l		97
42) 1,2-Dichloroethane	6.068	62	59188	19.457	ug/l		98
43) Isopropyl Acetate	6.318	43	92154	19.936	ug/l		99
44) Trichloroethene	7.110	130	38005	19.662	ug/l		91
45) 1,2-Dichloropropane	7.415	63	41172	20.111	ug/l		96
46) Dibromomethane	7.568	93	29874	20.053	ug/l		96
47) Bromodichloromethane	7.805	83	59888	19.481	ug/l		98
48) Methyl methacrylate	7.677	41	44455	19.308	ug/l		99
49) 1,4-Dioxane	7.653	88	11066	475.570	ug/l		99
51) 4-Methyl-2-Pentanone	8.555	43	283110	110.466	ug/l		99
52) Toluene	8.702	92	98340	19.965	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	59236	18.891	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	64785	19.330	ug/l		96
55) 1,1,2-Trichloroethane	9.134	97	39867	20.990	ug/l		98
56) Ethyl methacrylate	9.104	69	59966	20.104	ug/l		97
57) 1,3-Dichloropropane	9.293	76	67634	20.730	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	144584	108.334	ug/l		99
59) 2-Hexanone	9.415	43	197021	107.038	ug/l		99
60) Dibromochloromethane	9.506	129	44875	20.506	ug/l		99
61) 1,2-Dibromoethane	9.592	107	40314	20.839	ug/l		99
64) Tetrachloroethene	9.256	164	30782	18.700	ug/l		97
65) Chlorobenzene	10.061	112	108771	18.961	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.147	131	37519	18.953	ug/l		99
67) Ethyl Benzene	10.177	91	178998	18.084	ug/l		100
68) m/p-Xylenes	10.287	106	138405	37.567	ug/l		98
69) o-Xylene	10.622	106	65909	18.496	ug/l		100
70) Styrene	10.640	104	118170	18.926	ug/l		98
71) Bromoform	10.781	173	28902	19.553	ug/l	#	99
73) Isopropylbenzene	10.945	105	167580	16.760	ug/l		100
74) N-amyl acetate	10.829	43	79411	17.416	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	57282	18.935	ug/l		97
76) 1,2,3-Trichloropropane	11.219	75	44609m	16.752	ug/l		
77) Bromobenzene	11.183	156	43141	17.518	ug/l		97
78) n-propylbenzene	11.287	91	199146	16.848	ug/l		100
79) 2-Chlorotoluene	11.348	91	124253	17.163	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	139354	16.963	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	16807	16.095	ug/l		95
82) 4-Chlorotoluene	11.439	91	148311	17.346	ug/l		99
83) tert-Butylbenzene	11.695	119	140839	16.747	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	142656	17.128	ug/l		100
85) sec-Butylbenzene	11.872	105	168936	16.912	ug/l		99
86) p-Isopropyltoluene	11.994	119	140679	16.635	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	79979	17.485	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	83367	17.757	ug/l		99
89) n-Butylbenzene	12.311	91	129927	16.604	ug/l		98
90) Hexachloroethane	12.518	117	23841	16.057	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	77419	17.765	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	10795	17.625	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	45993	16.239	ug/l		99
94) Hexachlorobutadiene	13.707	225	14948	15.538	ug/l		99
95) Naphthalene	13.756	128	143587	16.649	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	44483	16.884	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047798.D
Acq On : 25 Sep 2025 10:13
Operator : JC/MD
Sample : VX0925WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

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\VX092525\
Data File : VX047798.D
Acq On : 25 Sep 2025 10:13
Operator : JC/MD
Sample : VX0925WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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Instrument :
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ClientSampleId :
VX0925WBS01

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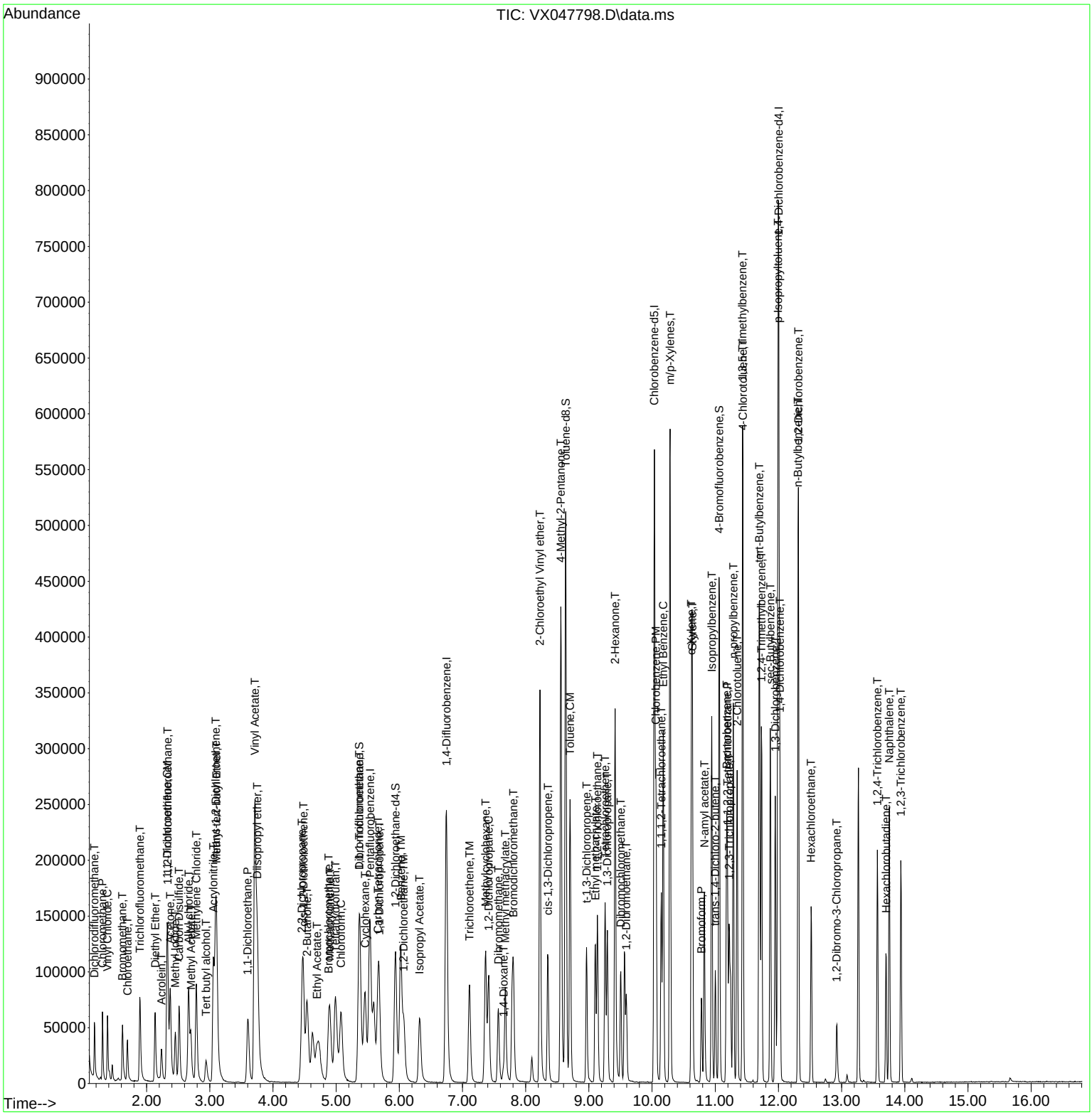
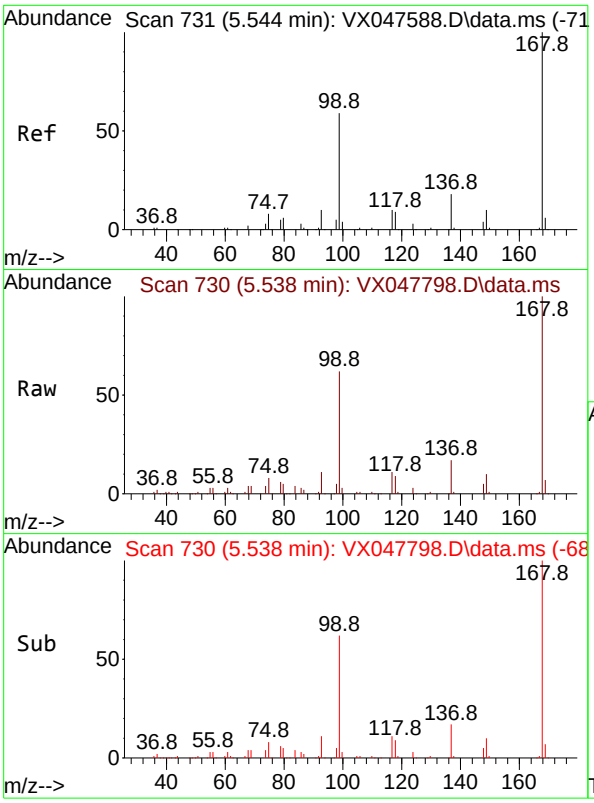
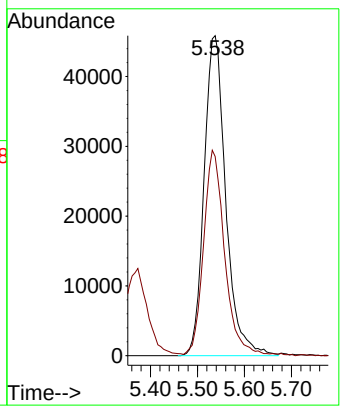




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:168 Resp: 14660

Ion	Ratio	Lower	Upper
168	100		
99	61.8	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations
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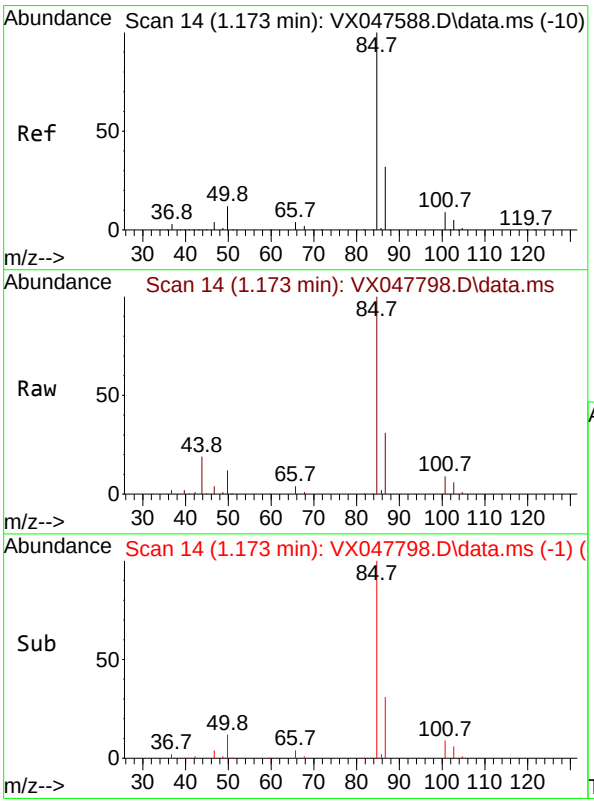
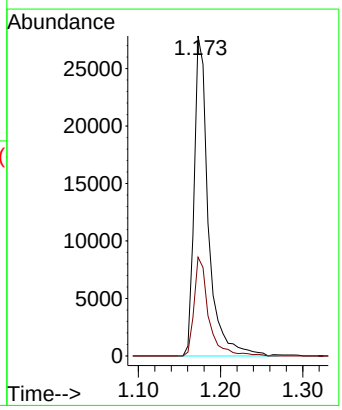
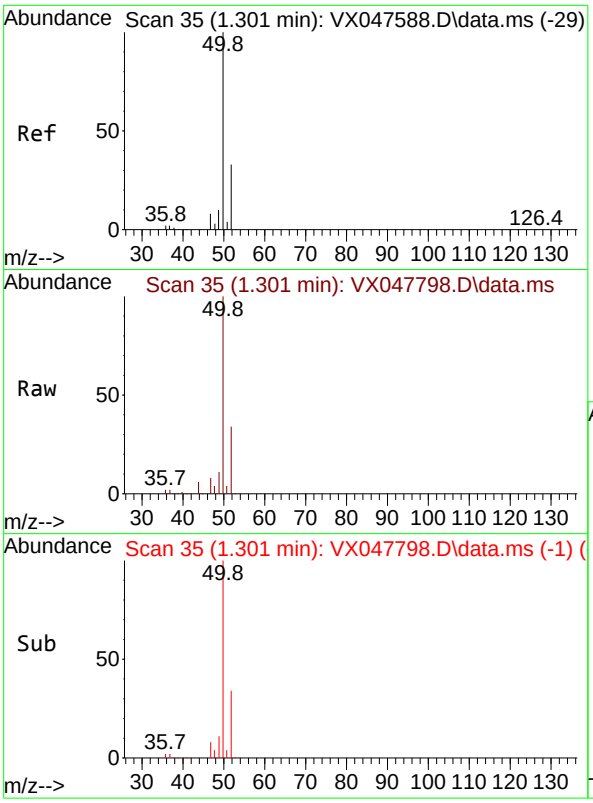


#2
Dichlorodifluoromethane
Concen: 22.058 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 85 Resp: 33486

Ion	Ratio	Lower	Upper
85	100		
87	30.8	15.8	47.3

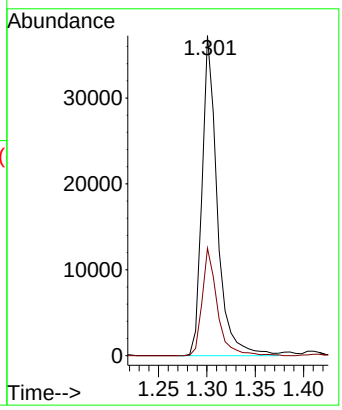




#3
Chloromethane
Concen: 20.612 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 50 Resp: 4112

Ion	Ratio	Lower	Upper
50	100		
52	33.6	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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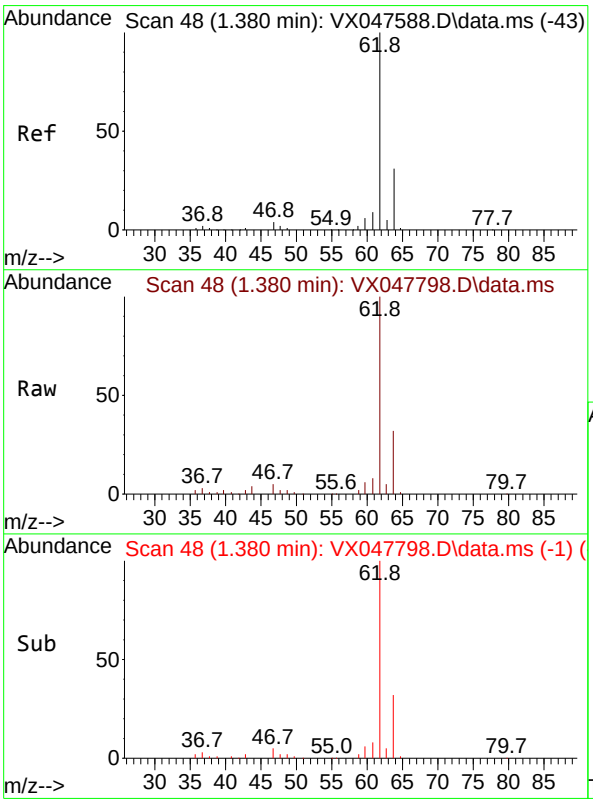
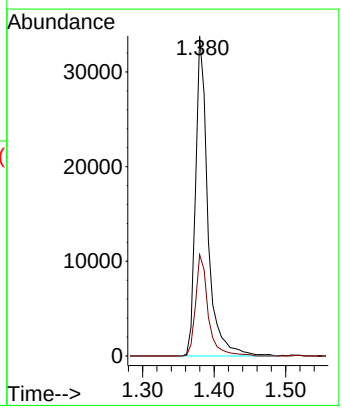
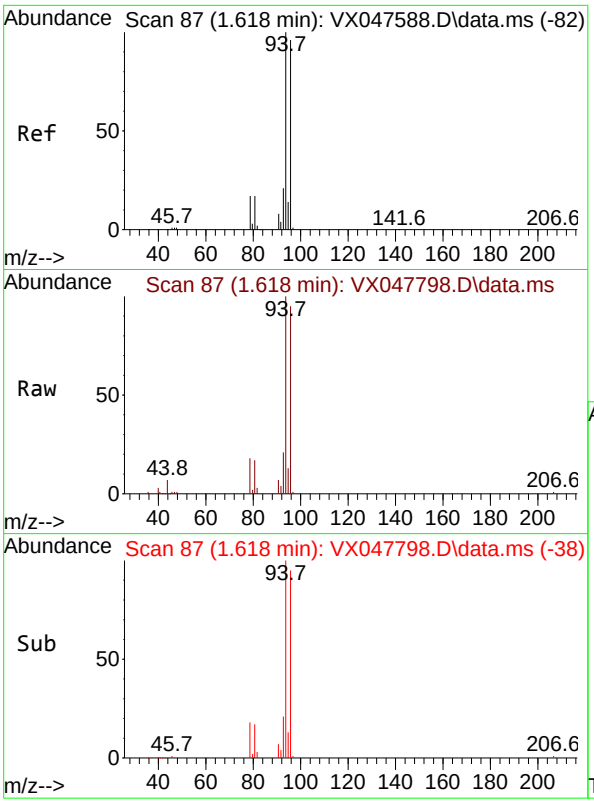


#4
Vinyl Chloride
Concen: 20.566 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 62 Resp: 40168

Ion	Ratio	Lower	Upper
62	100		
64	31.7	24.9	37.3





#5
Bromomethane
Concen: 20.825 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 94 Resp: 2579

Ion	Ratio	Lower	Upper
94	100		
96	95.4	76.6	115.0

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations
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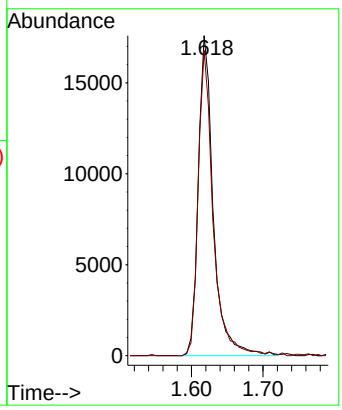
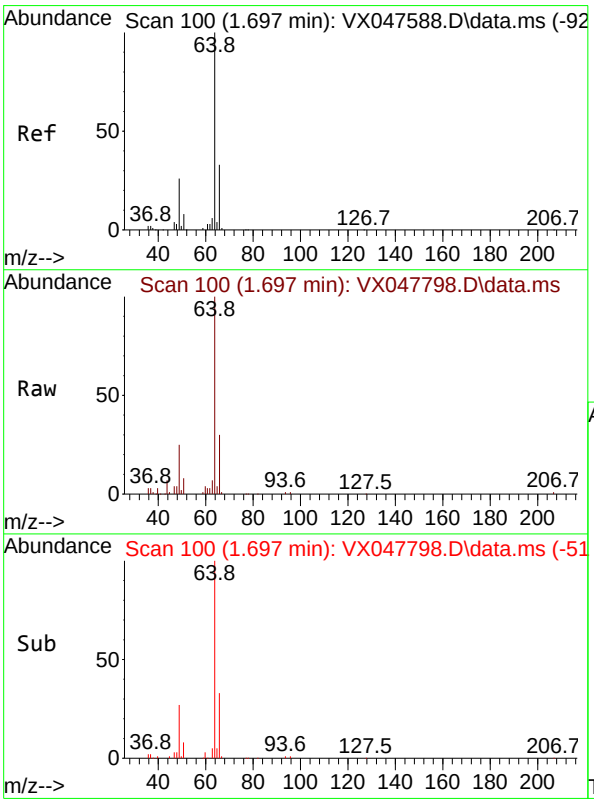
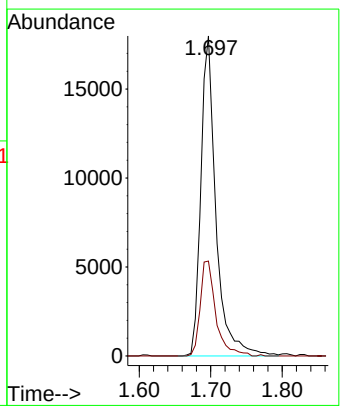


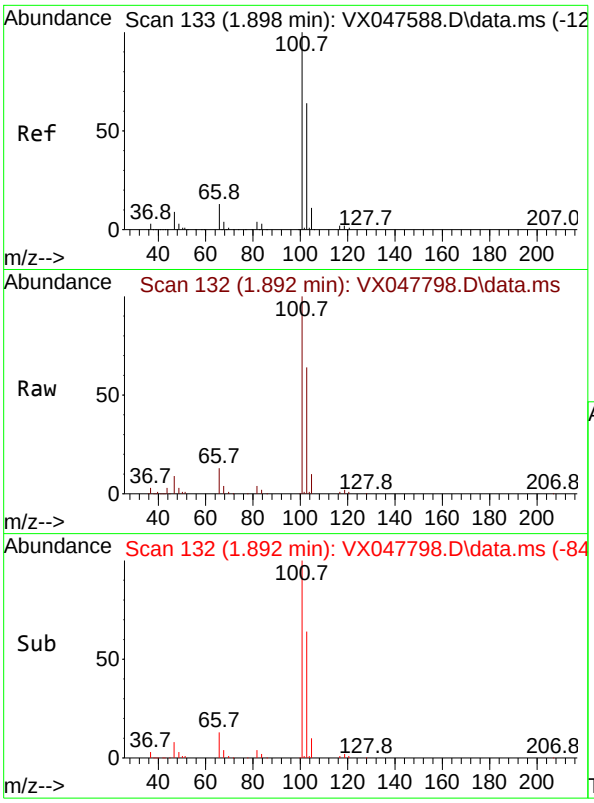


#6
Chloroethane
Concen: 20.242 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 64 Resp: 26423

Ion	Ratio	Lower	Upper
64	100		
66	29.6	26.1	39.1

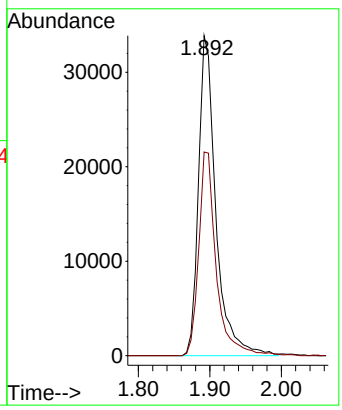




#7
Trichlorofluoromethane
Concen: 19.773 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:101 Resp: 5734

Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations
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Reviewed By :John Carlone 09/26/2025
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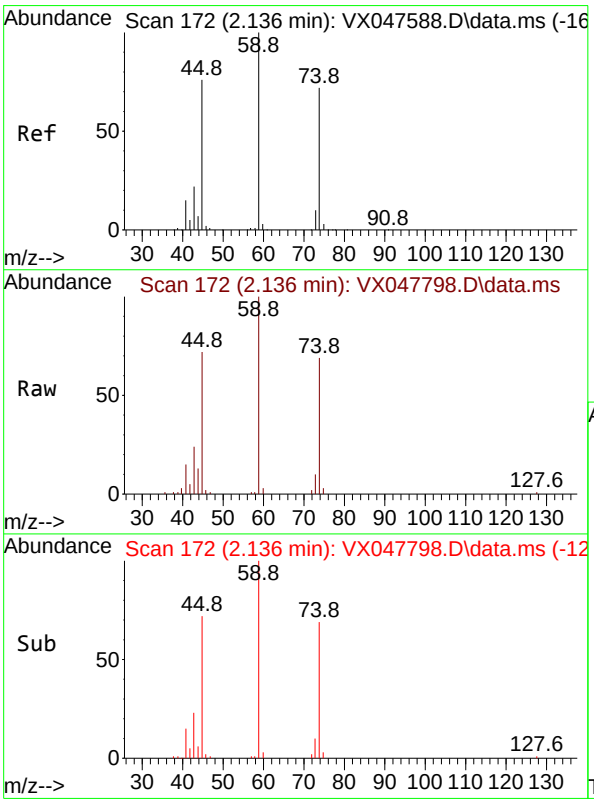
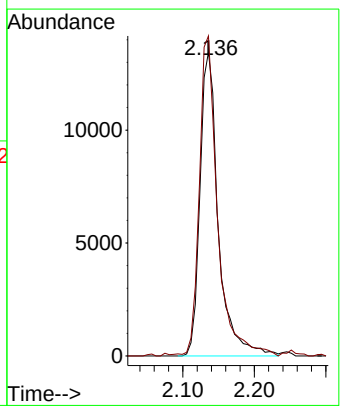
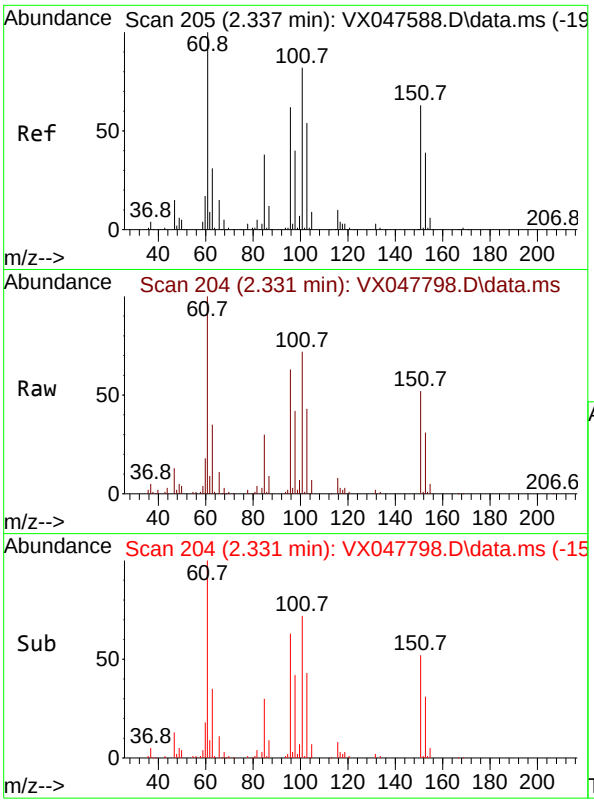


#8
Diethyl Ether
Concen: 20.199 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 74 Resp: 23961

Ion	Ratio	Lower	Upper
74	100		
45	104.8	52.3	156.8

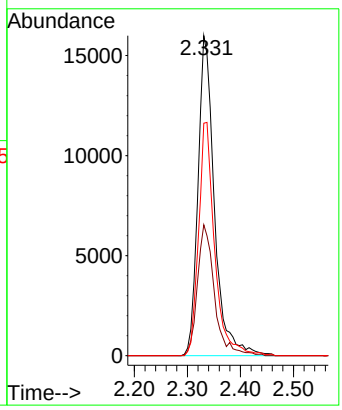




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.318 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:101 Resp: 3445

Ion	Ratio	Lower	Upper
101	100		
85	42.4	35.5	53.3
151	71.6	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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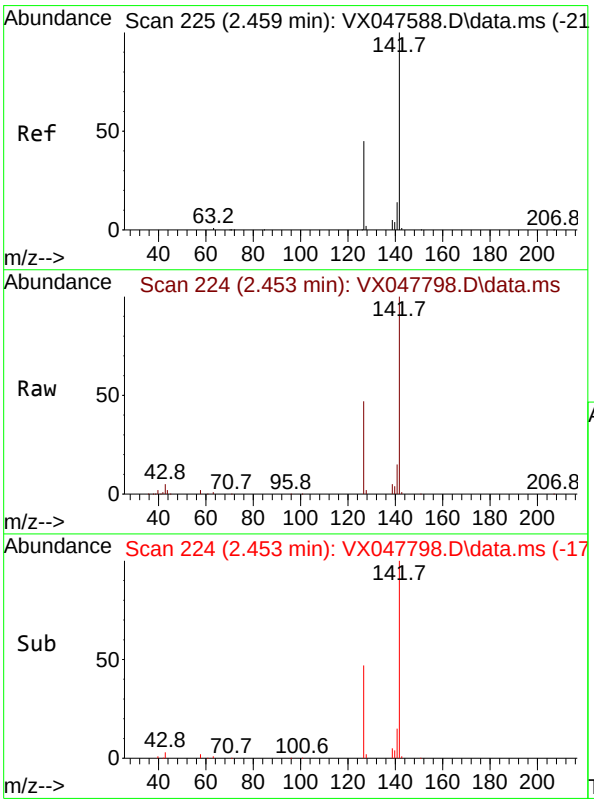
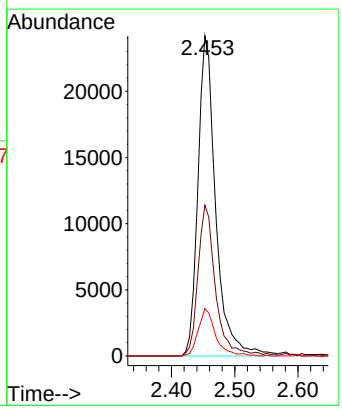
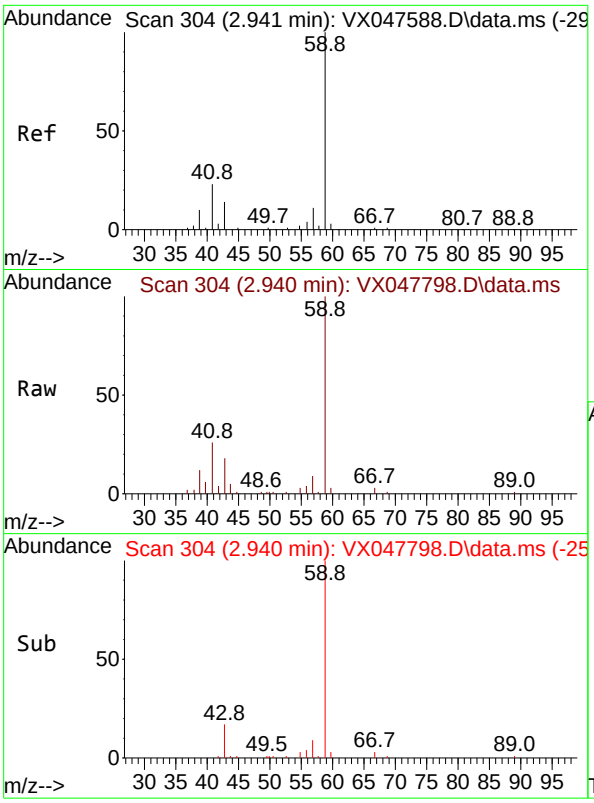


#10
Methyl Iodide
Concen: 17.915 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:142 Resp: 47378

Ion	Ratio	Lower	Upper
142	100		
127	46.5	37.2	55.8
141	14.4	11.4	17.0

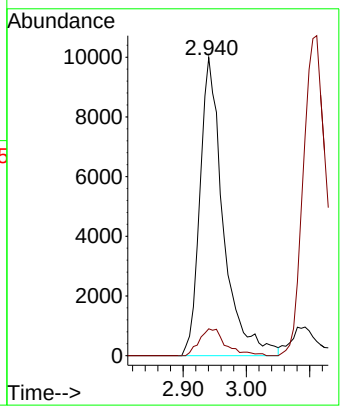




#11
Tert butyl alcohol
Concen: 98.524 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 59 Resp: 2560

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations
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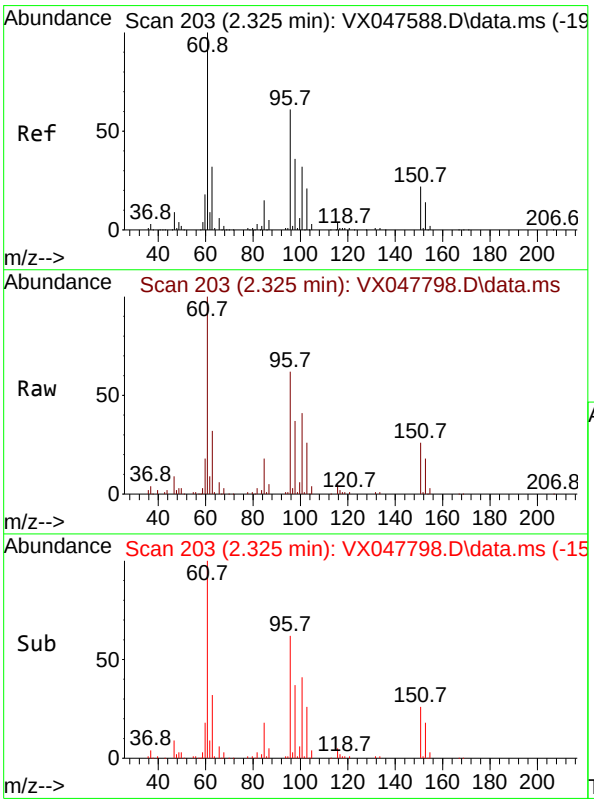
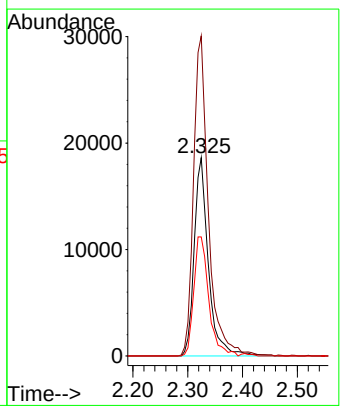
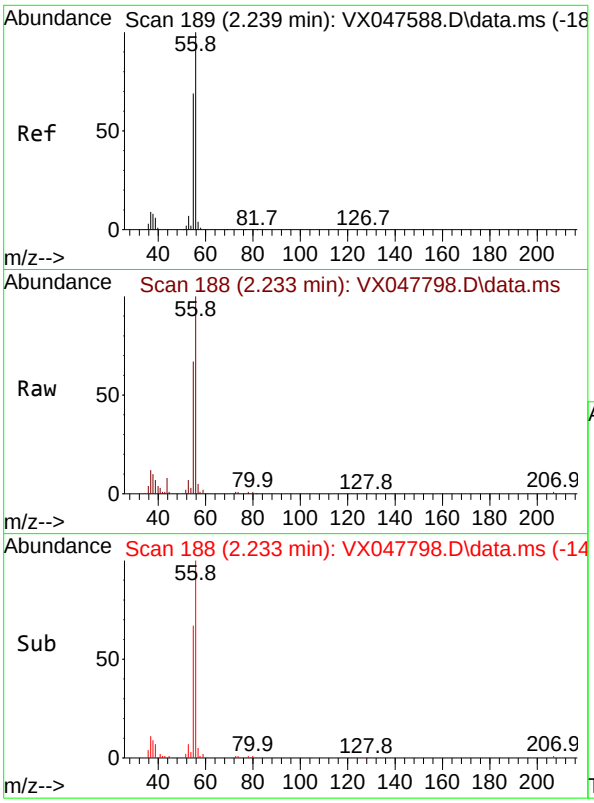


#12
1,1-Dichloroethene
Concen: 19.312 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 96 Resp: 33638

Ion	Ratio	Lower	Upper
96	100		
61	161.4	131.0	196.6
98	60.0	47.7	71.5

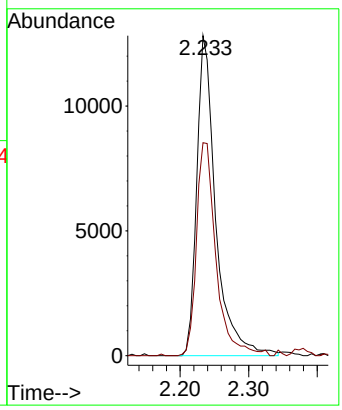




#13
Acrolein
Concen: 102.823 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 56 Resp: 2462

Ion	Ratio	Lower	Upper
56	100		
55	68.8	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations
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Reviewed By :John Carlone 09/26/2025
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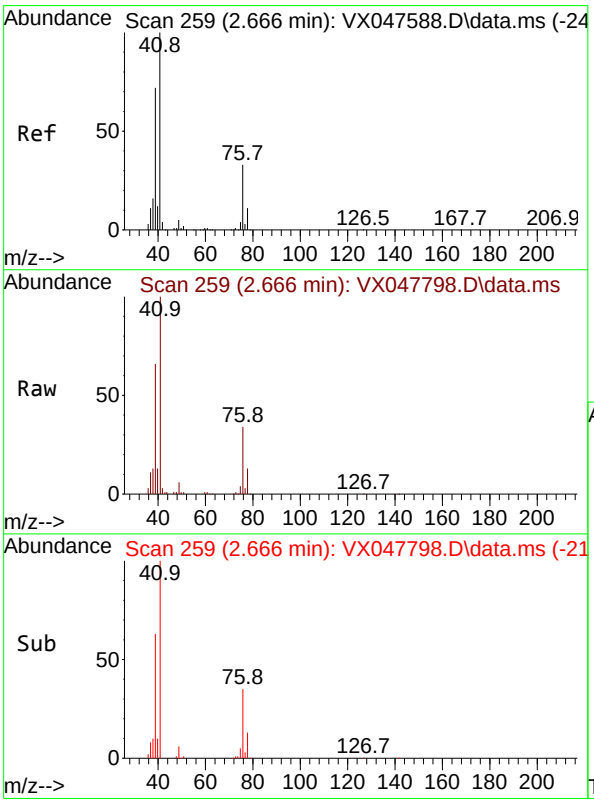
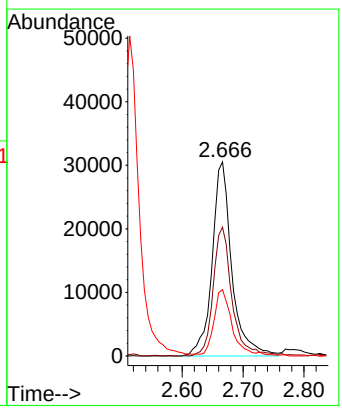
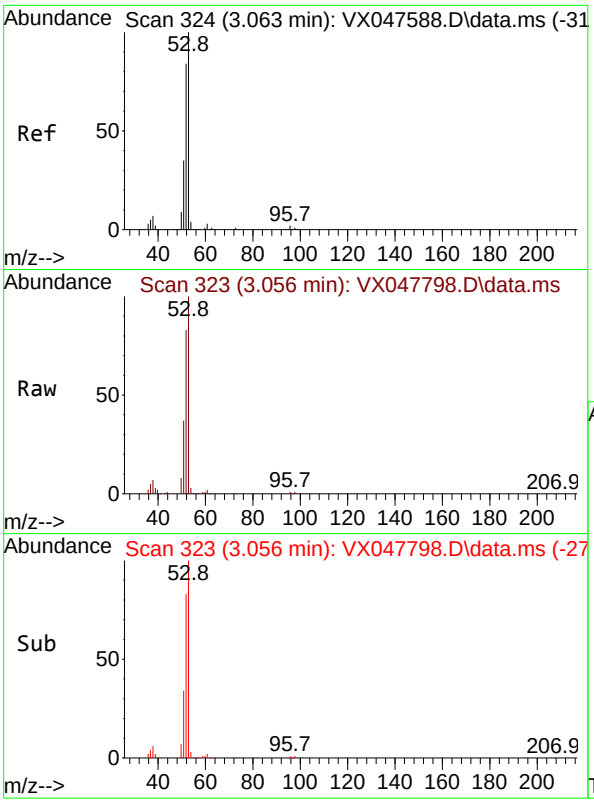


#14
Allyl chloride
Concen: 19.064 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 41 Resp: 68523

Ion	Ratio	Lower	Upper
41	100		
39	63.8	54.7	82.1
76	31.9	25.7	38.5

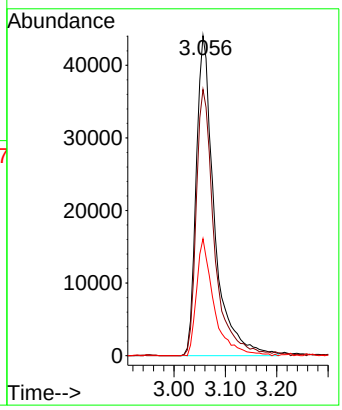




#15
Acrylonitrile
Concen: 112.384 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 53 Resp: 10818

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	35.3	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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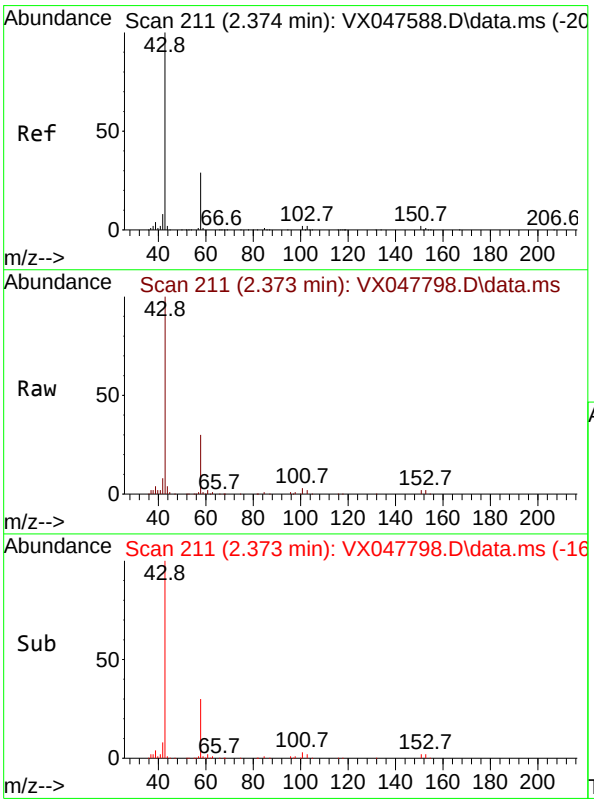
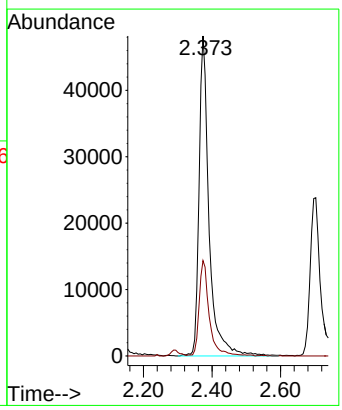
Supervised By :Mahesh Dadoda 09/29/2025

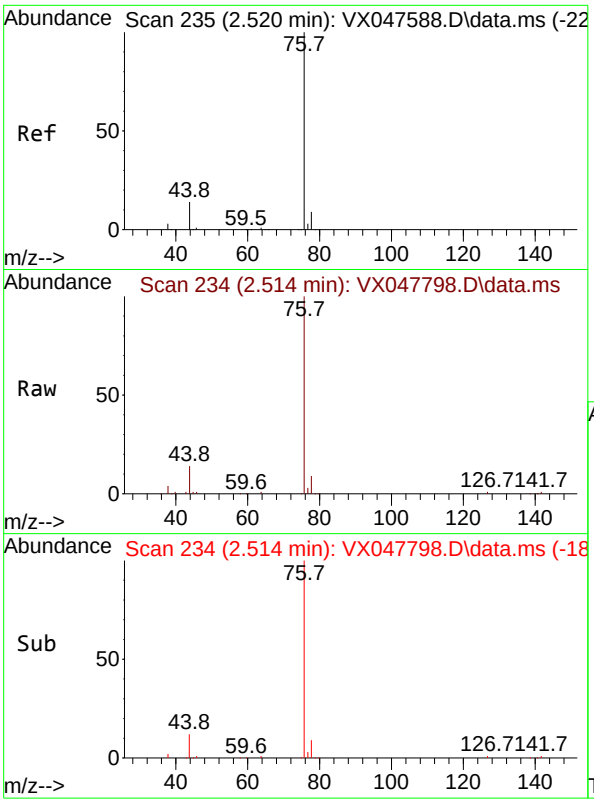


#16
Acetone
Concen: 96.444 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 43 Resp: 97856

Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.4	35.0





#17
Carbon Disulfide
Concen: 19.550 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 76 Resp: 9322

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2

Instrument :
MSVOA_X
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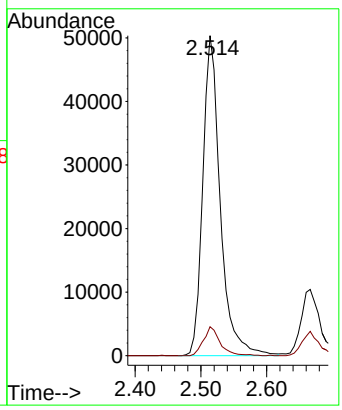
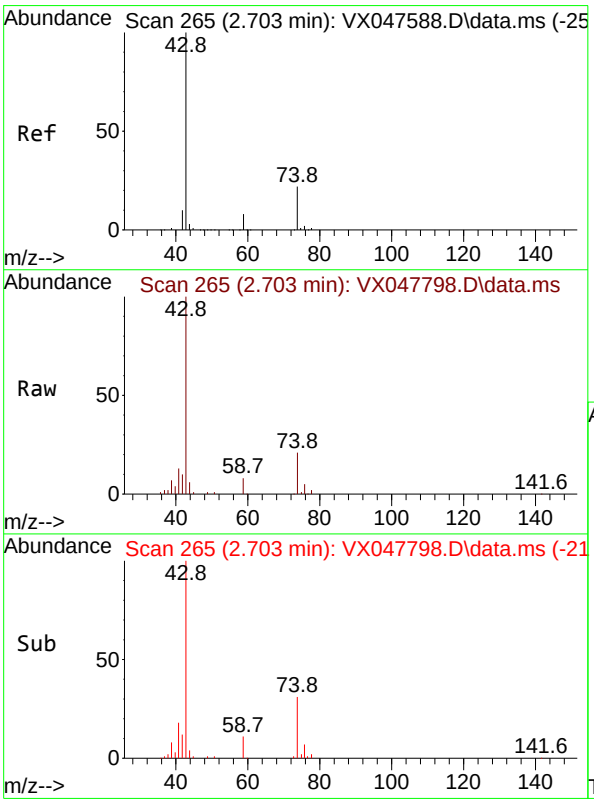
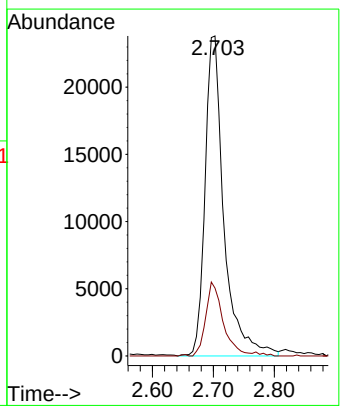


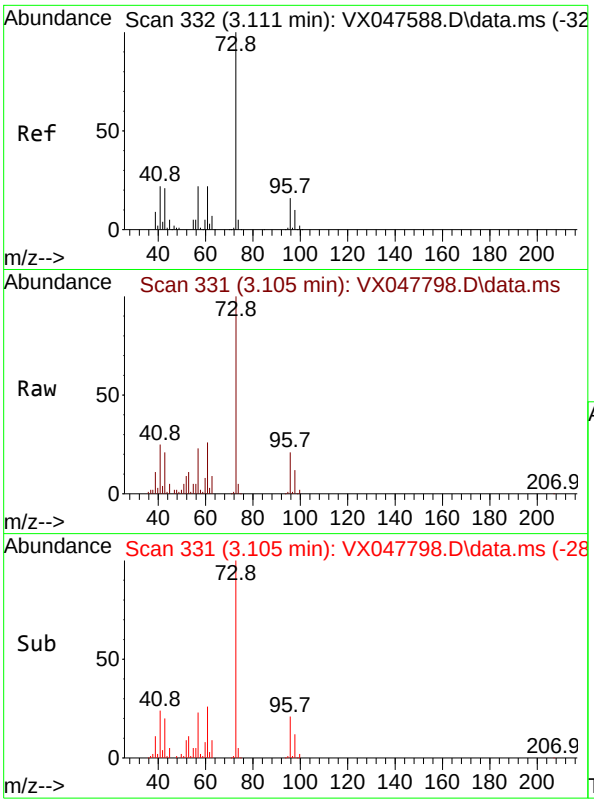


#18
Methyl Acetate
Concen: 22.648 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 43 Resp: 51140

Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.4	26.2

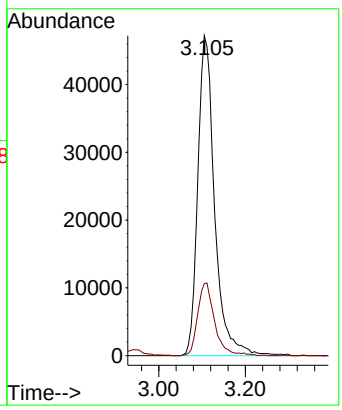




#19
Methyl tert-butyl Ether
Concen: 20.001 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 73 Resp: 12717

Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.4	26.2



Instrument :
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ClientSampleId :
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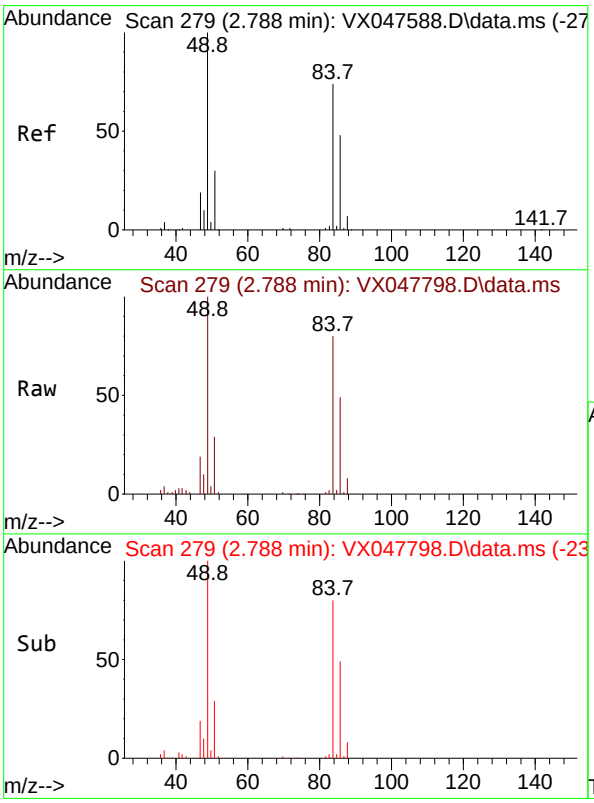
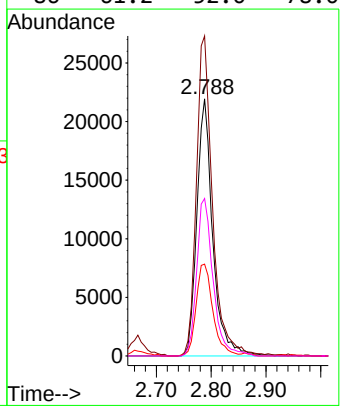
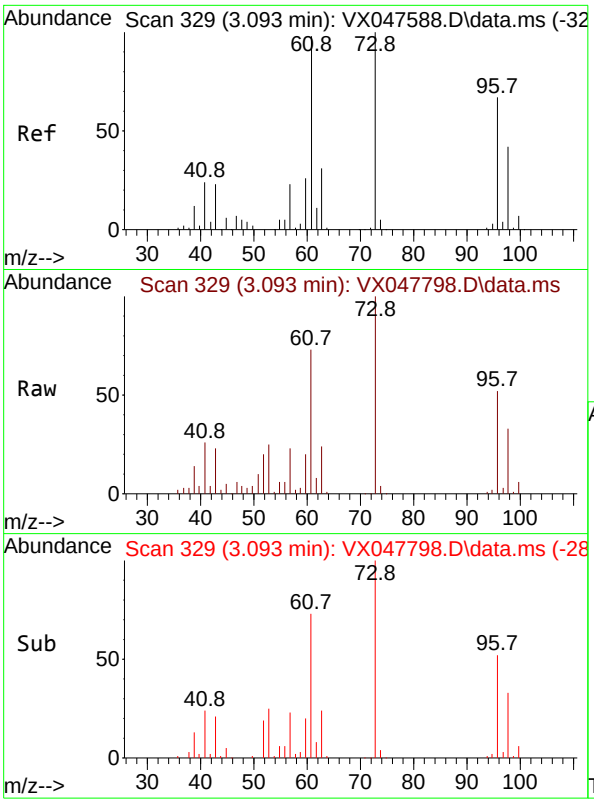


#20
Methylene Chloride
Concen: 20.612 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 84 Resp: 44268

Ion	Ratio	Lower	Upper
84	100		
49	124.5	108.6	162.8
51	35.7	32.6	48.8
86	61.2	52.0	78.0

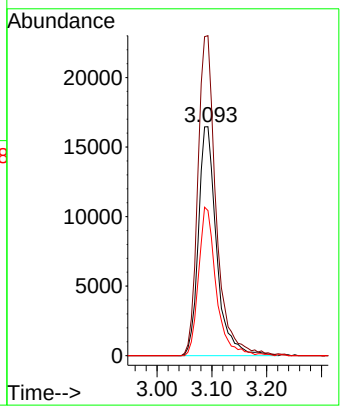




#21
trans-1,2-Dichloroethene
Concen: 20.188 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 96 Resp: 3785

Ion	Ratio	Lower	Upper
96	100		
61	139.7	116.2	174.2
98	63.4	49.3	73.9



Instrument :
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ClientSampleId :
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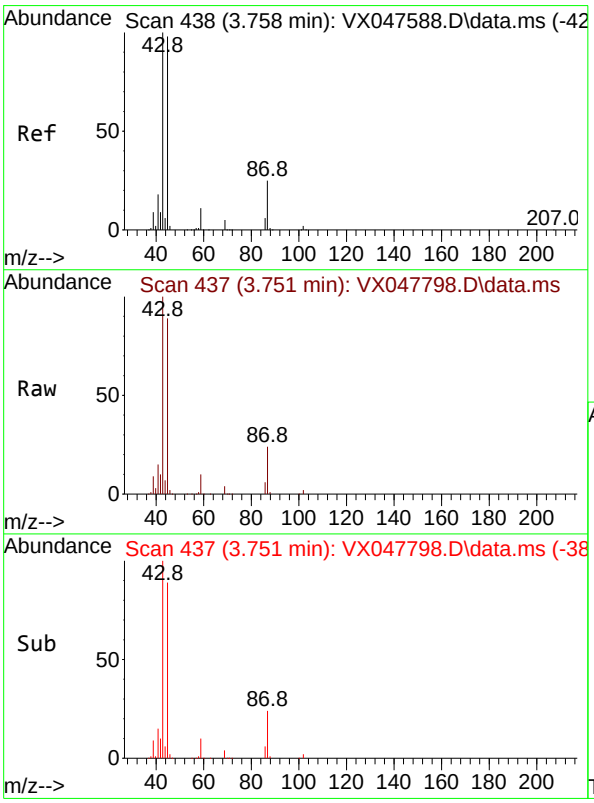
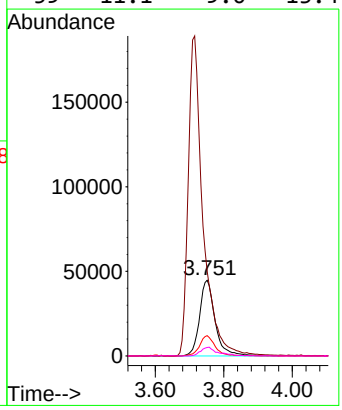
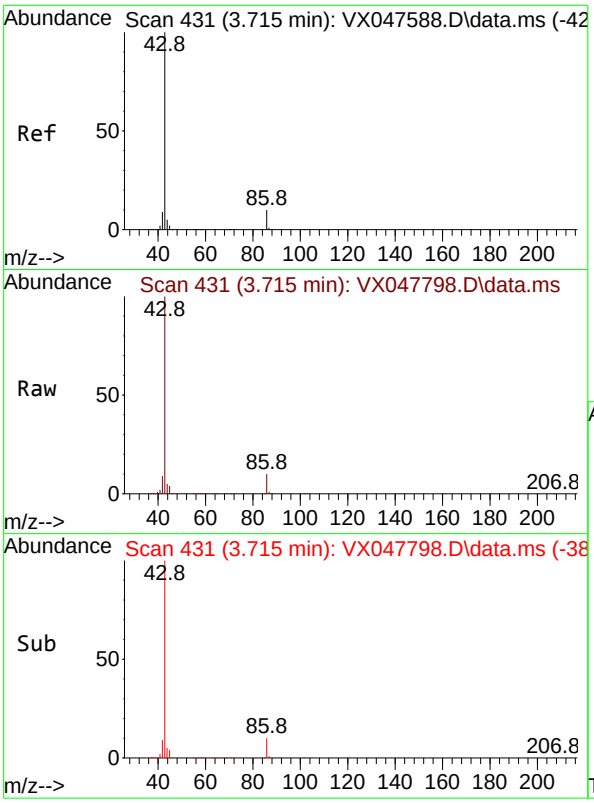


#22
Diisopropyl ether
Concen: 20.291 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 45 Resp: 141341

Ion	Ratio	Lower	Upper
45	100		
43	110.7	81.0	121.4
87	26.9	20.3	30.5
59	11.1	9.0	13.4





#23
Vinyl Acetate
Concen: 102.004 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 43 Resp: 56867

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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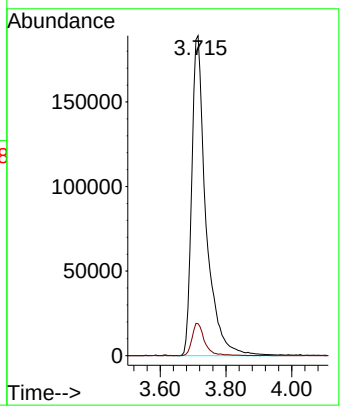
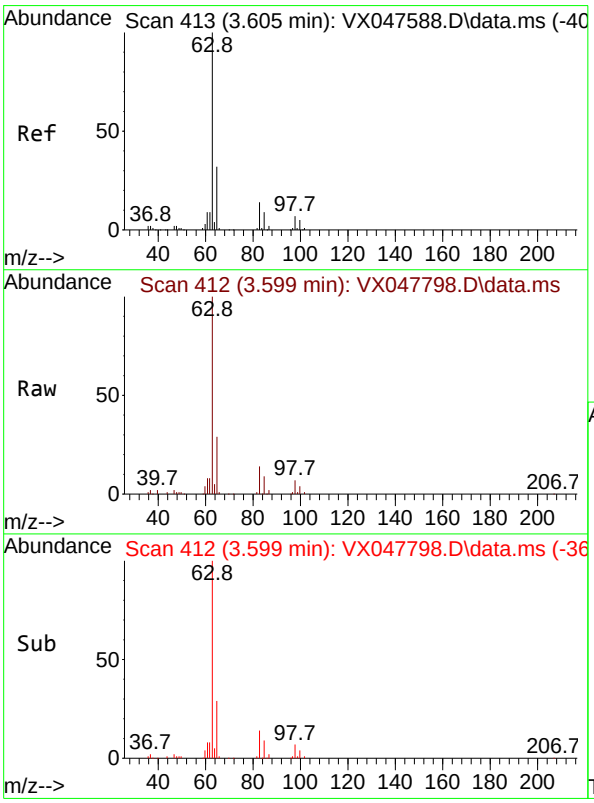
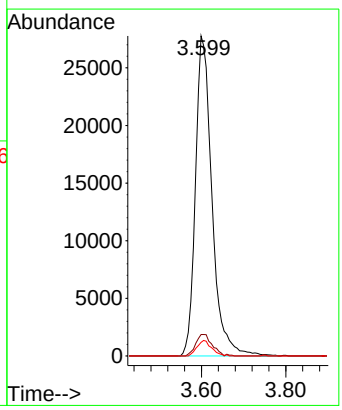


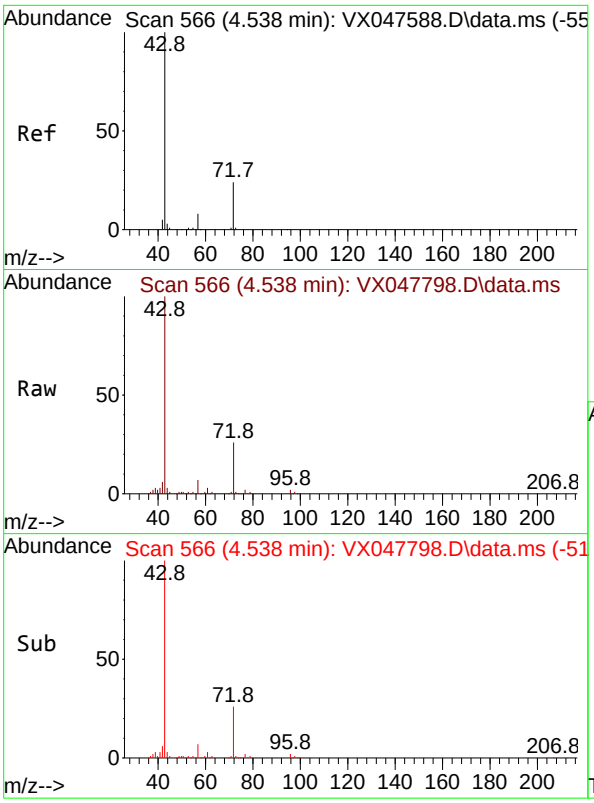


#24
1,1-Dichloroethane
Concen: 20.427 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 63 Resp: 75627

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.3	2.3	6.9





#25
2-Butanone
Concen: 107.864 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 43 Resp: 13651

Ion	Ratio	Lower	Upper
43	100		
72	25.6	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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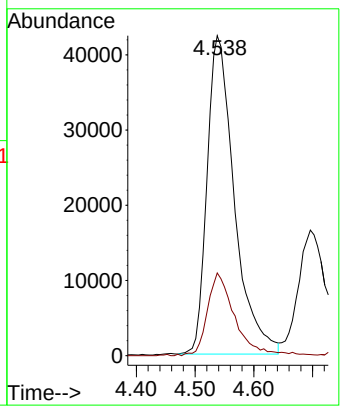
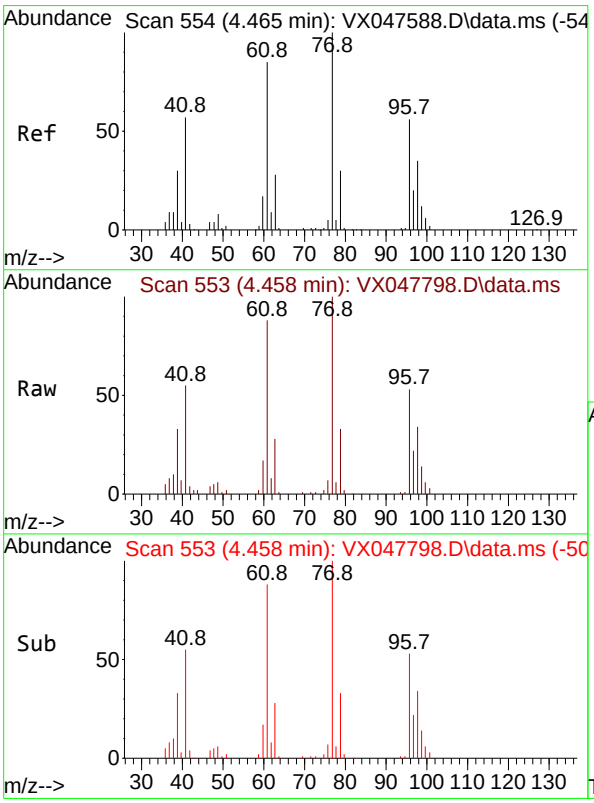
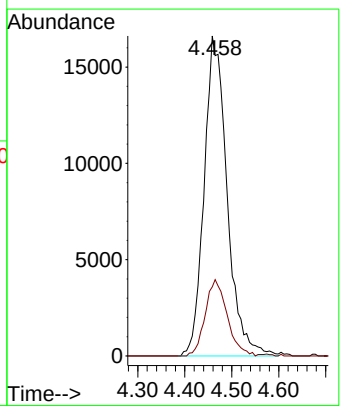


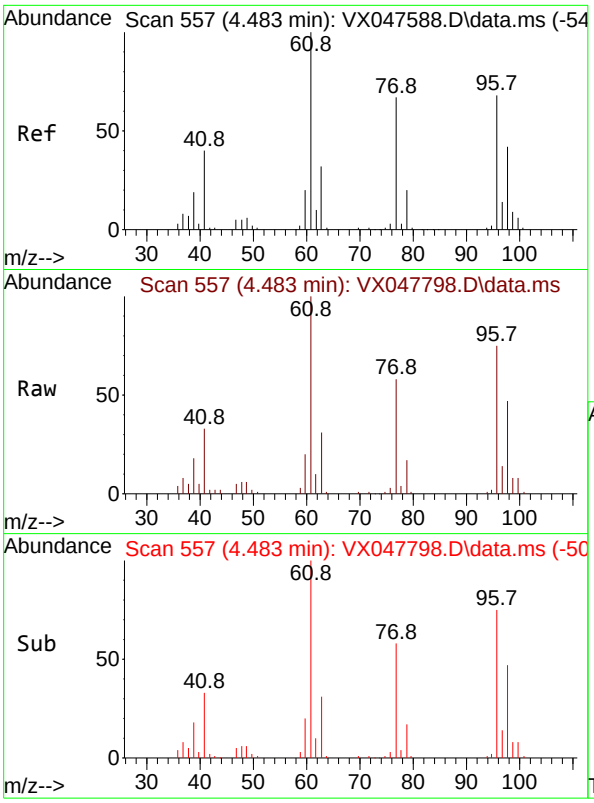


#26
2,2-Dichloropropane
Concen: 18.360 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 77 Resp: 56506

Ion	Ratio	Lower	Upper
77	100		
97	22.8	10.9	32.7

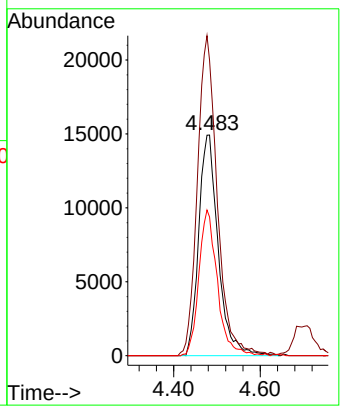




#27
cis-1,2-Dichloroethene
Concen: 20.268 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 96 Resp: 4654

Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	303.2
98	62.8	0.0	127.8



Instrument :
MSVOA_X
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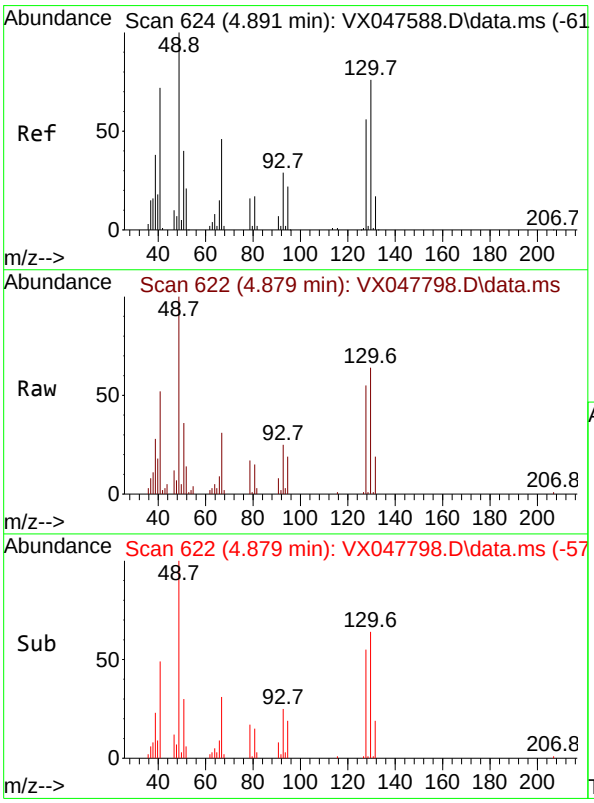
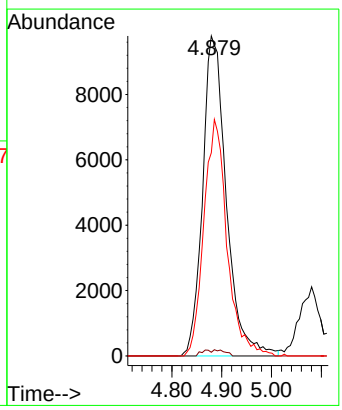
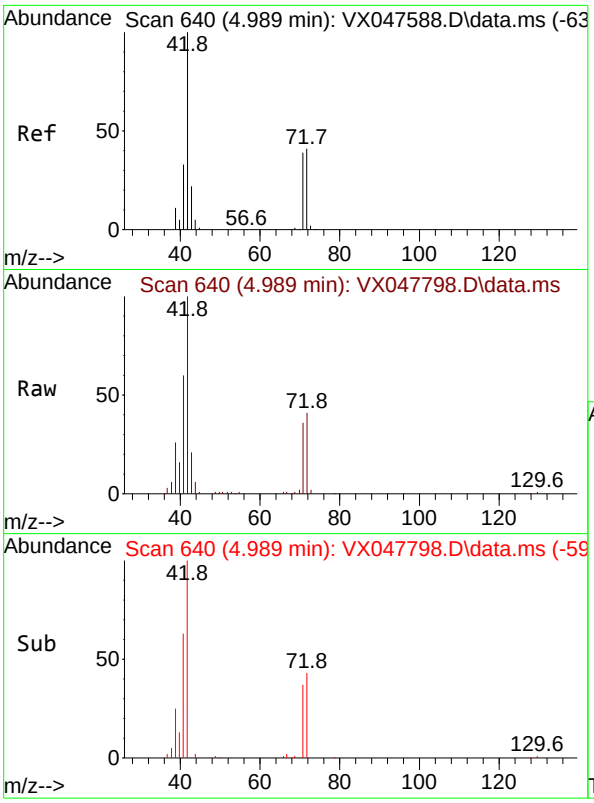


#28
Bromochloromethane
Concen: 20.016 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 49 Resp: 32353

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.2
130	72.0	57.8	86.8





#29
Tetrahydrofuran
Concen: 109.038 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 42 Resp: 8301

Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.2	51.2
71	38.4	31.9	47.9

Instrument :
MSVOA_X
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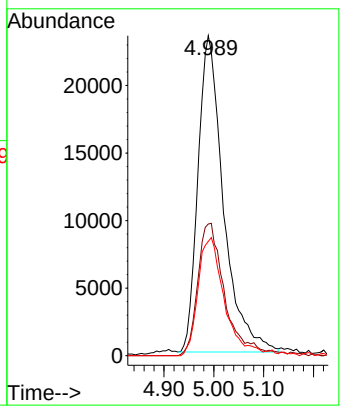
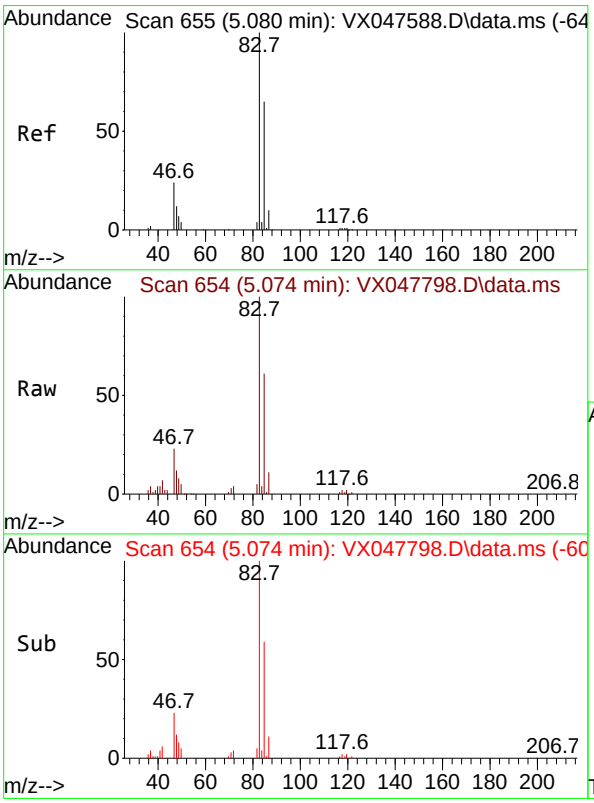
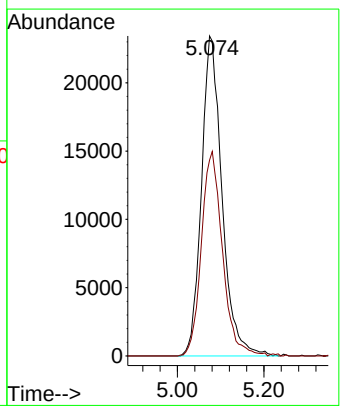


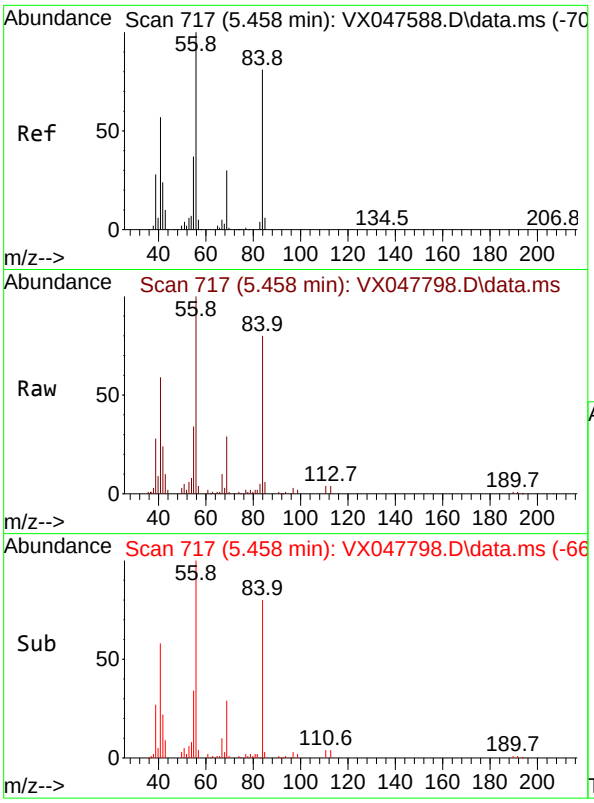


#30
Chloroform
Concen: 20.653 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 83 Resp: 77269

Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.8	77.6

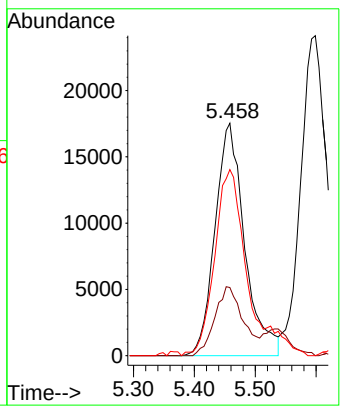




#31
Cyclohexane
Concen: 19.208 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 56 Resp: 5923

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.8	35.8
84	78.3	64.6	97.0



Instrument :
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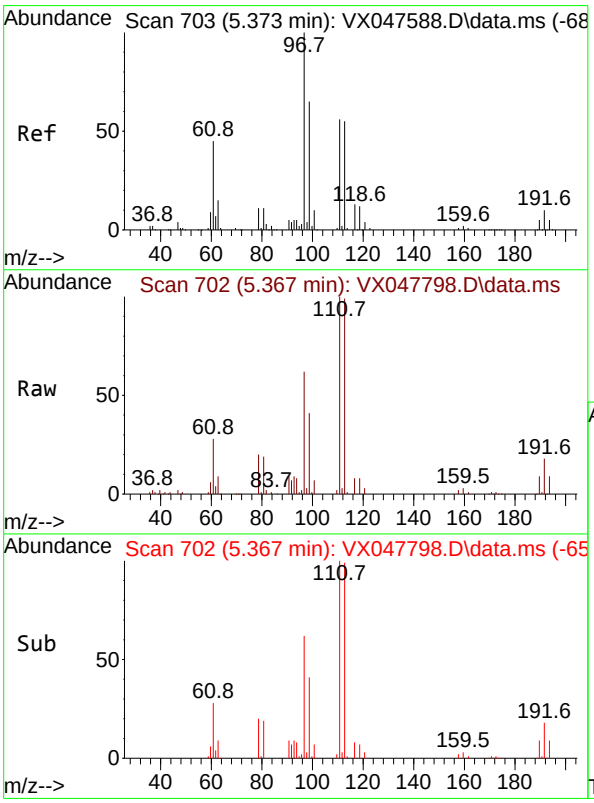
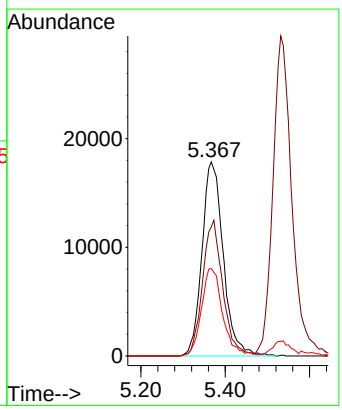
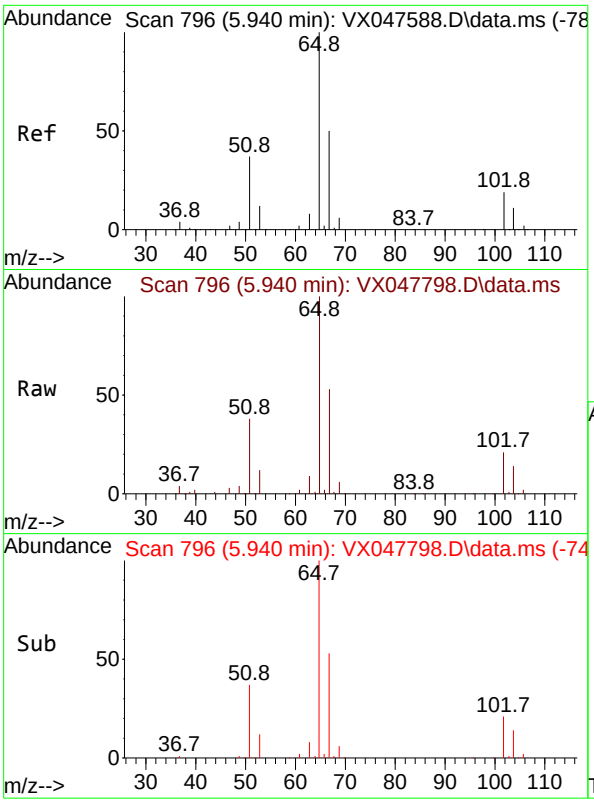


#32
1,1,1-Trichloroethane
Concen: 19.798 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 97 Resp: 62827

Ion	Ratio	Lower	Upper
97	100		
99	65.9	50.6	76.0
61	44.6	35.8	53.8

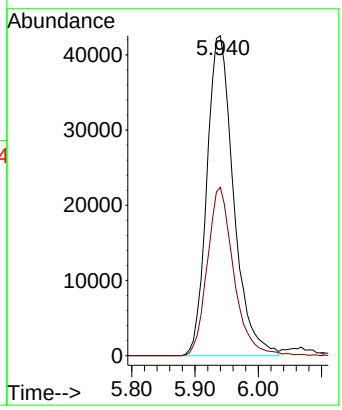




#33
1,2-Dichloroethane-d4
Concen: 53.330 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 65 Resp: 12445

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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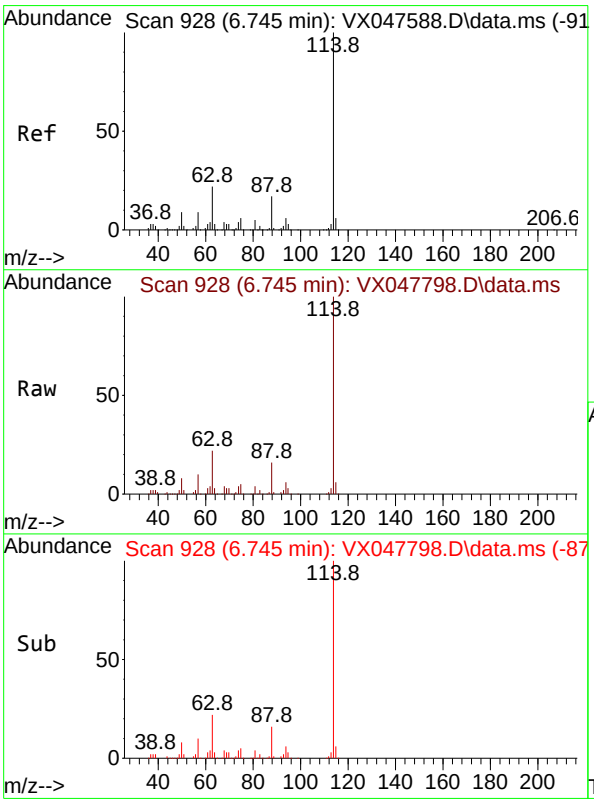
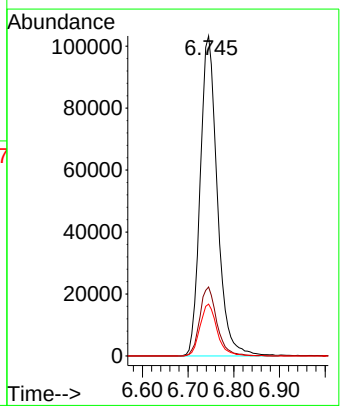
Supervised By :Mahesh Dadoda 09/29/2025

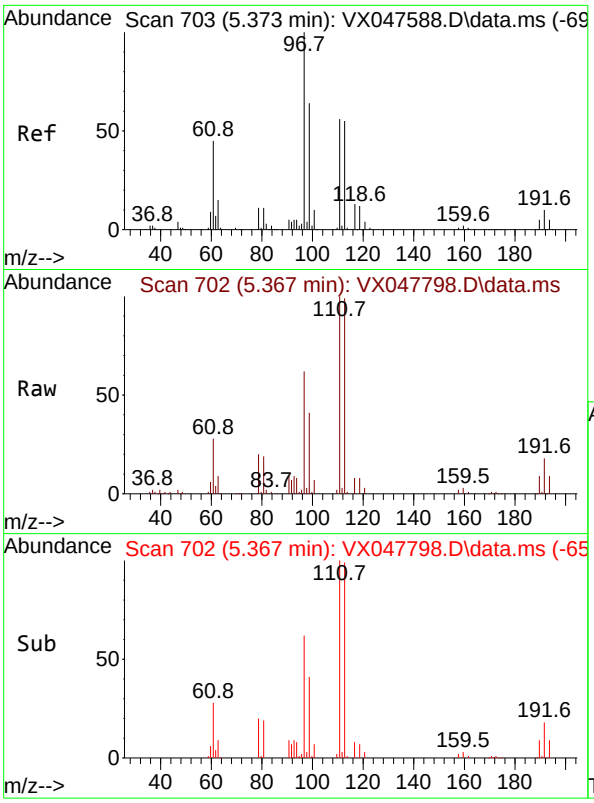


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:114 Resp: 268605

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	44.0
88	16.2	0.0	34.2

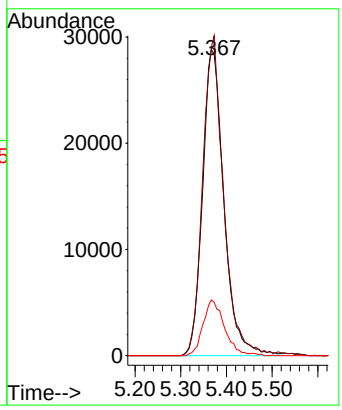




#35
Dibromofluoromethane
Concen: 52.034 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:113 Resp: 9373

Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.9	121.3
192	18.3	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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Reviewed By :John Carlone 09/26/2025
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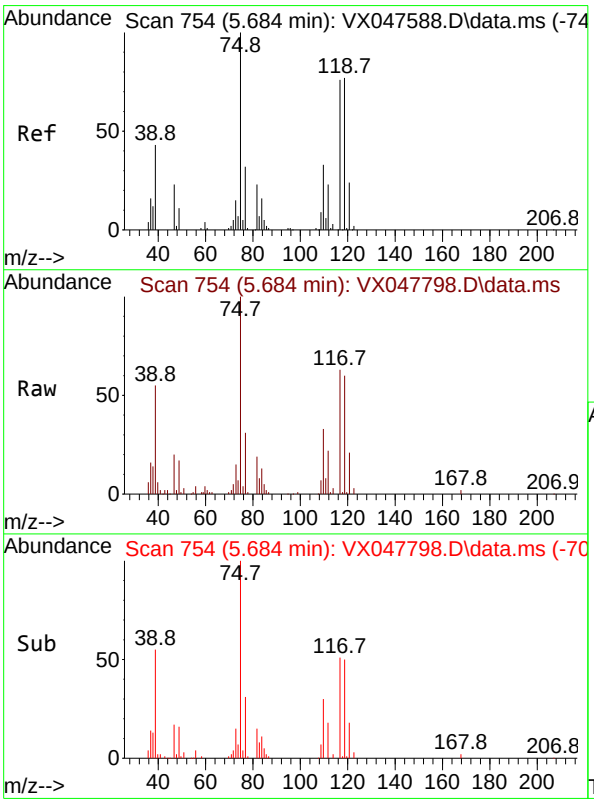
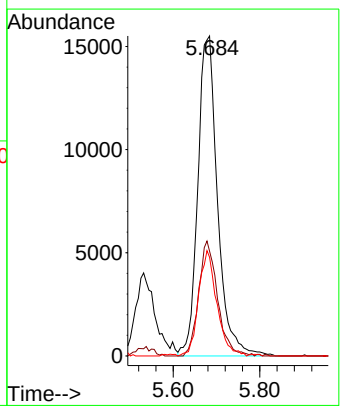
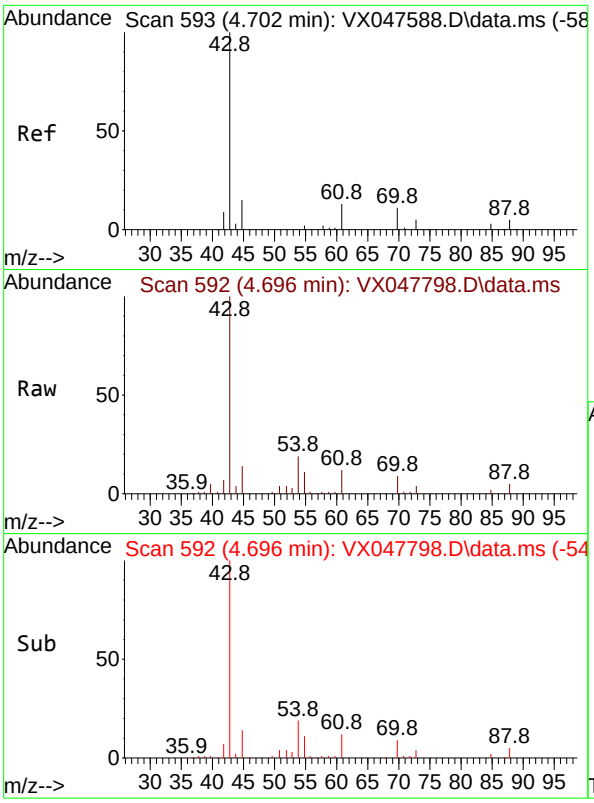


#36
1,1-Dichloropropene
Concen: 18.687 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 75 Resp: 49190

Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.7	50.1
77	30.4	24.3	36.5

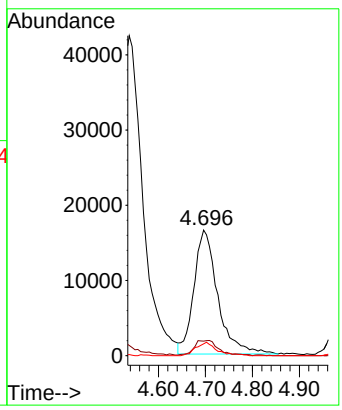




#37
Ethyl Acetate
Concen: 20.616 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 43 Resp: 5810

Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.8	14.8
70	9.5	7.9	11.9



Instrument :
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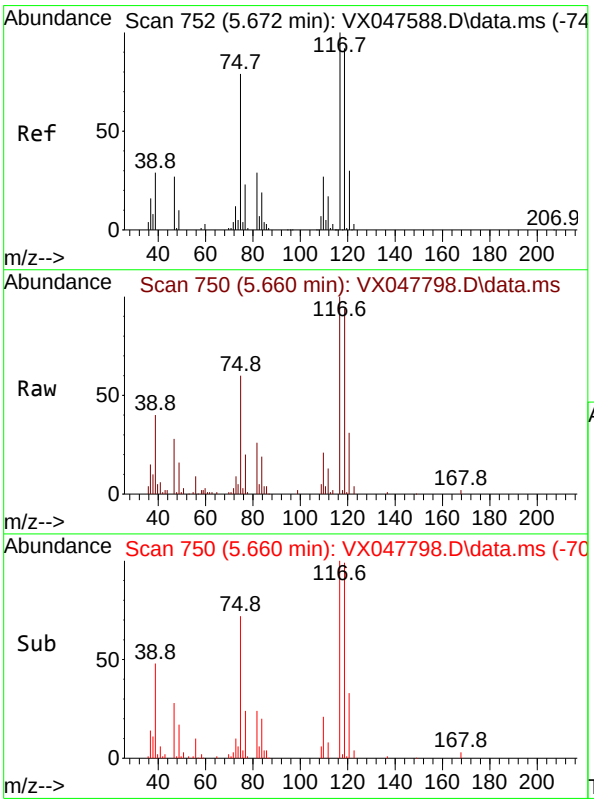
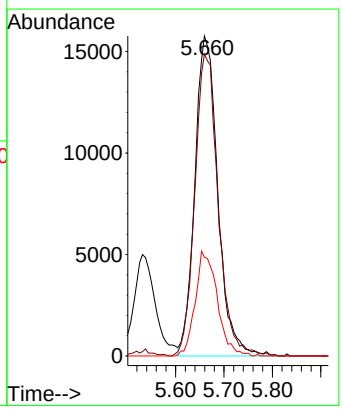
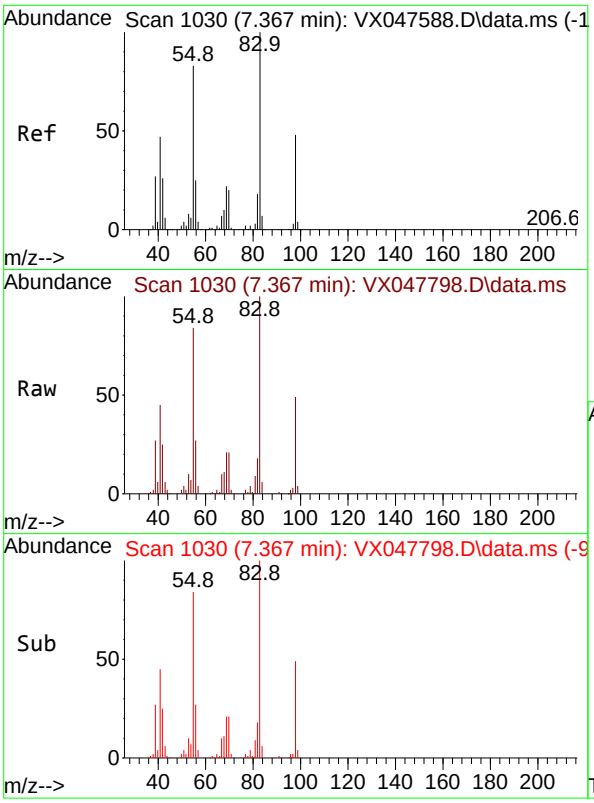


#38
Carbon Tetrachloride
Concen: 18.201 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:117 Resp: 52056

Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.4	110.2
121	30.9	23.8	35.6





#39
Methylcyclohexane
Concen: 17.818 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 83 Resp: 5324

Ion	Ratio	Lower	Upper
83	100		
55	84.3	66.4	99.6
98	49.4	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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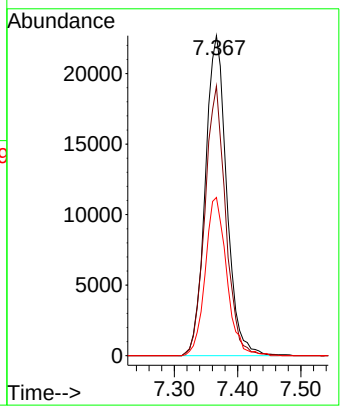
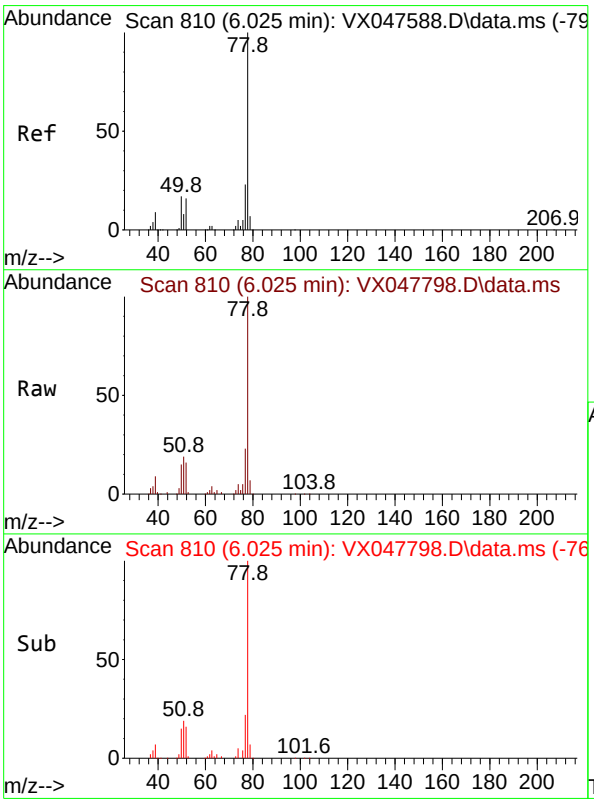
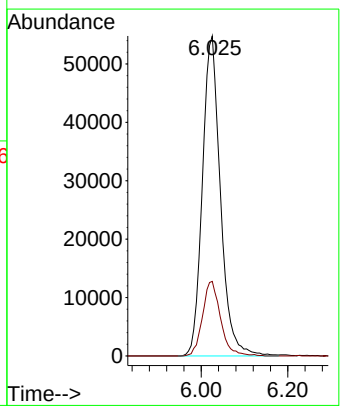


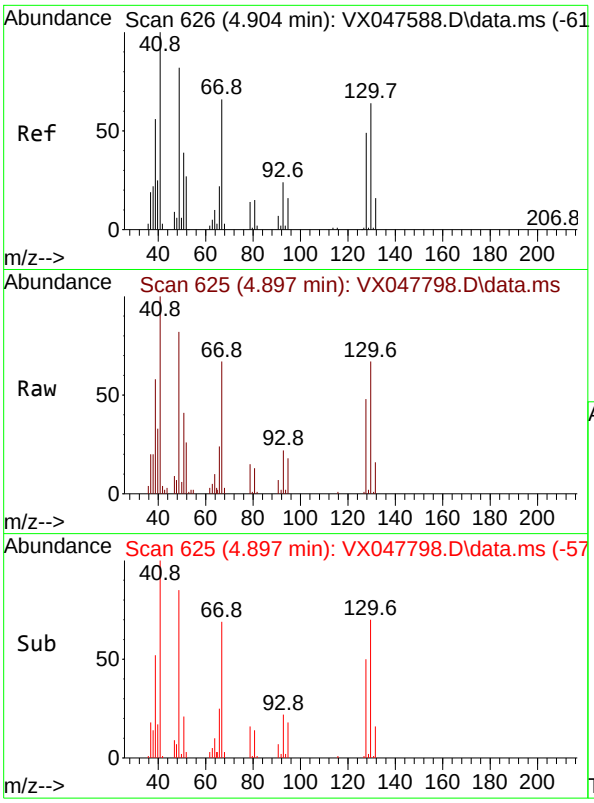


#40
Benzene
Concen: 19.850 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 78 Resp: 158698

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2

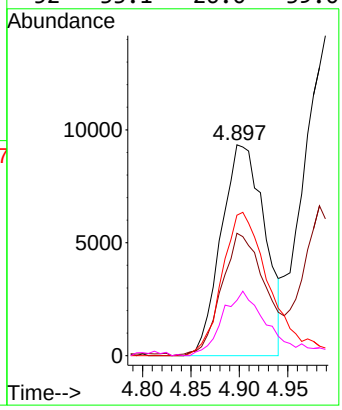




#41
Methacrylonitrile
Concen: 20.125 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 41 Resp: 2928

Ion	Ratio	Lower	Upper
41	100		
39	58.6	43.3	64.9
67	74.2	58.6	87.8
52	33.1	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
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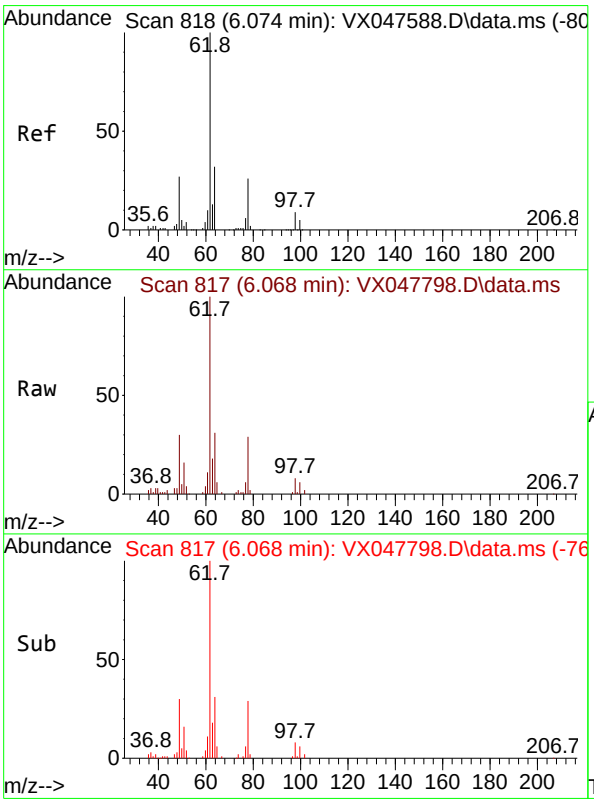
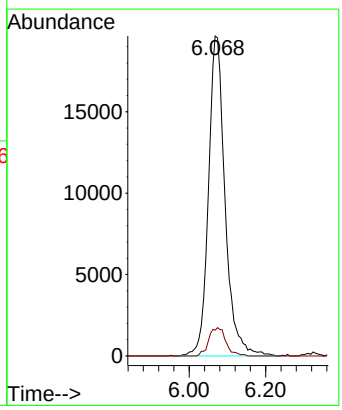
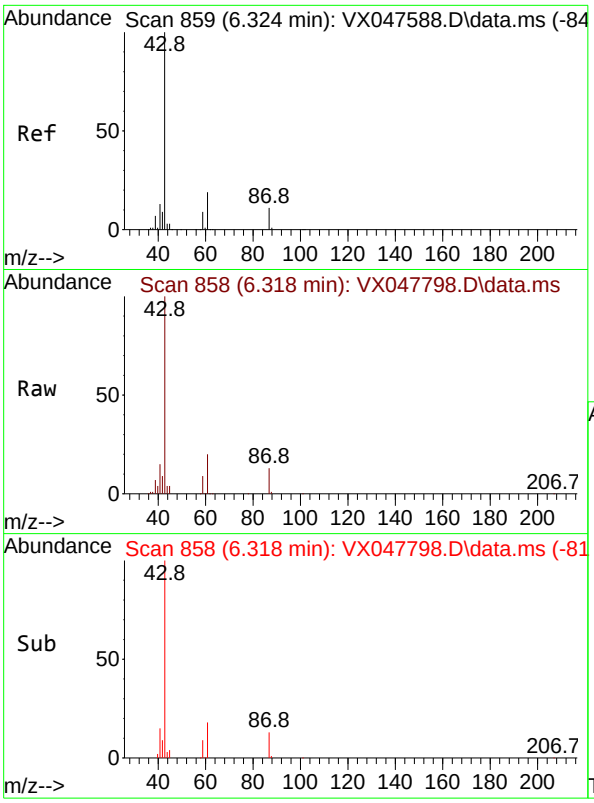


#42
1,2-Dichloroethane
Concen: 19.457 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 62 Resp: 59188

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0





#43
Isopropyl Acetate
Concen: 19.936 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 43 Resp: 9215

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	11.7	9.6	14.4

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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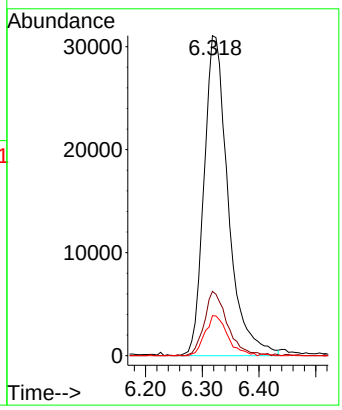
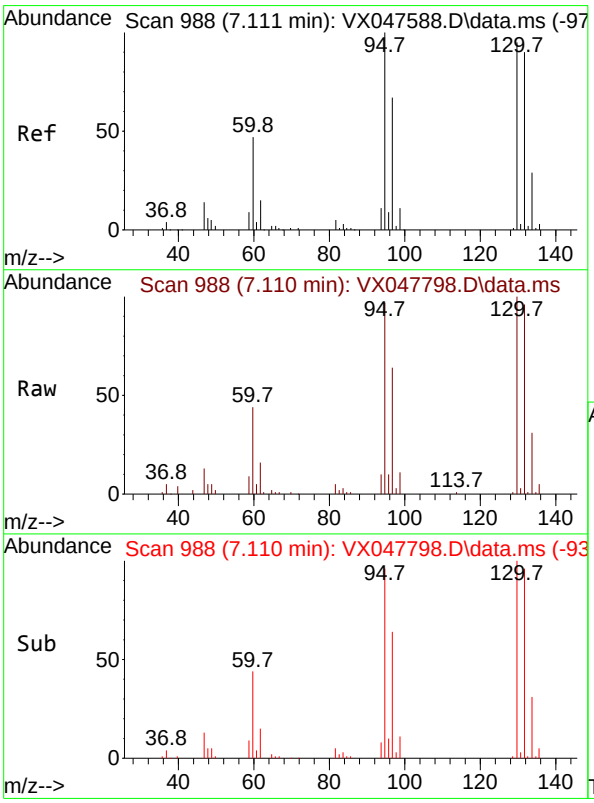
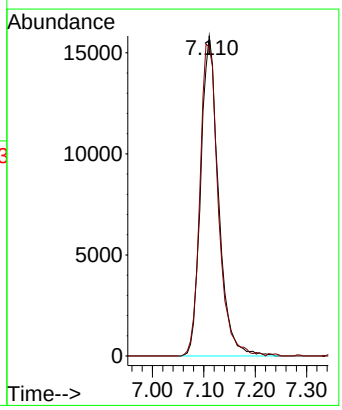


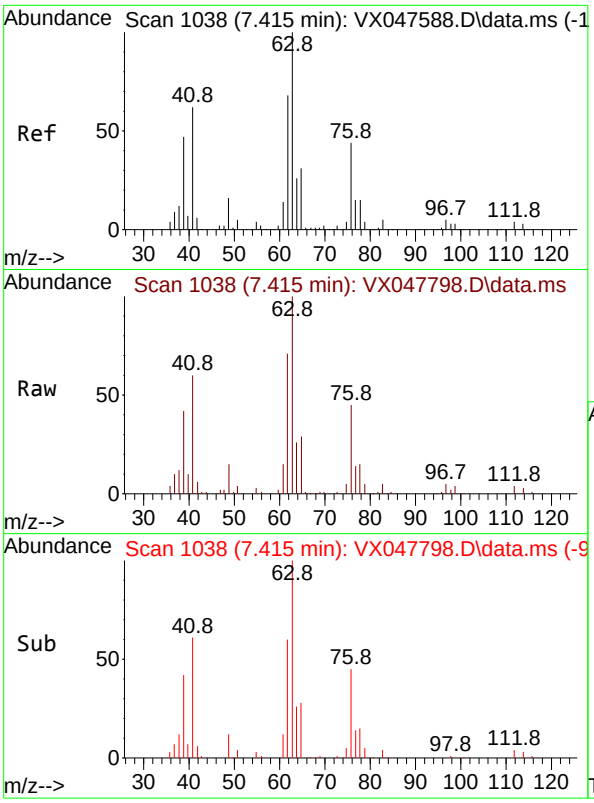


#44
Trichloroethene
Concen: 19.662 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:130 Resp: 38005

Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	210.8

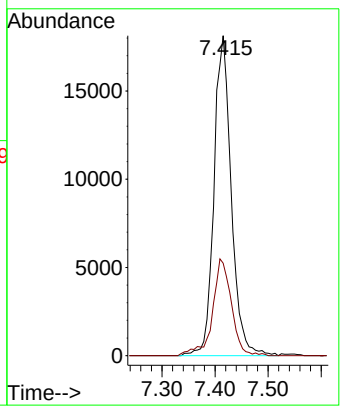




#45
1,2-Dichloropropane
Concen: 20.111 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 63 Resp: 4117

Ion	Ratio	Lower	Upper
63	100		
65	28.9	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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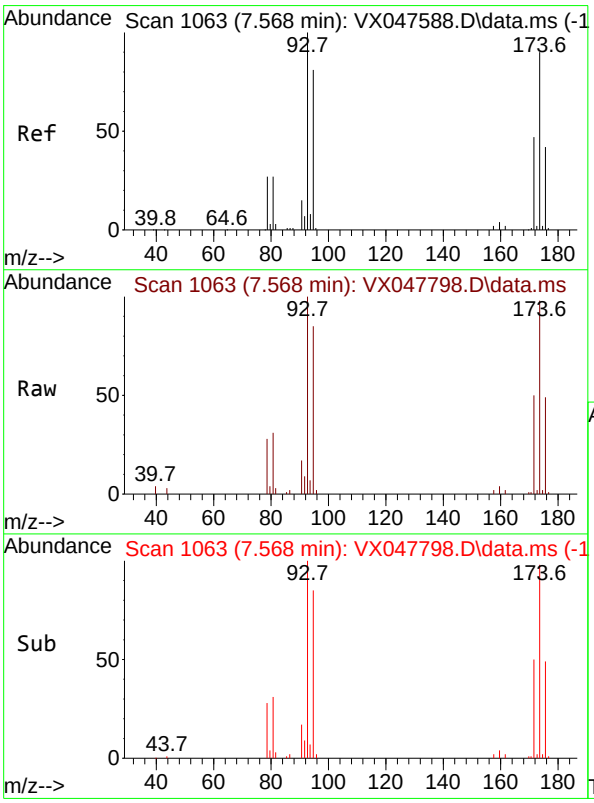
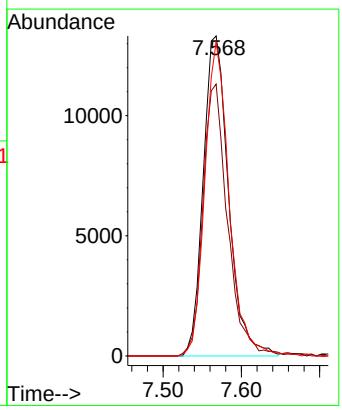
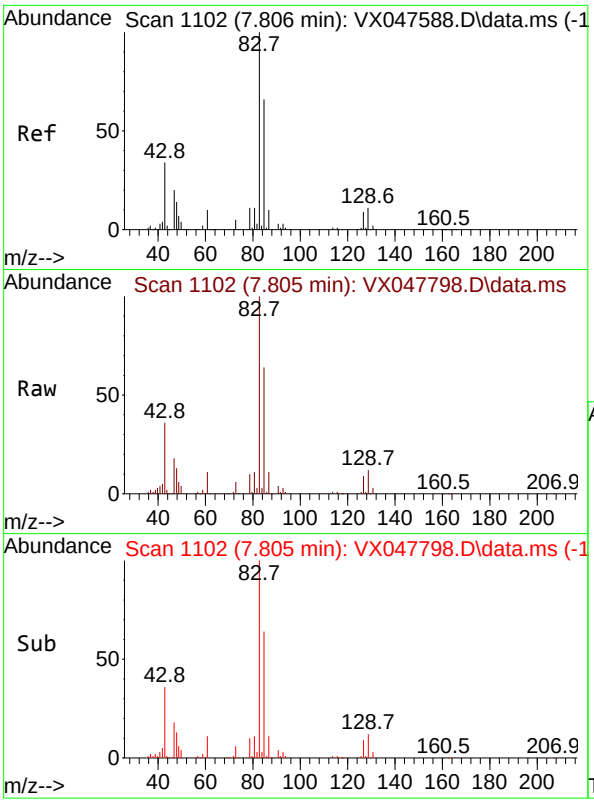


#46
Dibromomethane
Concen: 20.053 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 93 Resp: 29874

Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.0	97.6
174	94.3	71.6	107.4

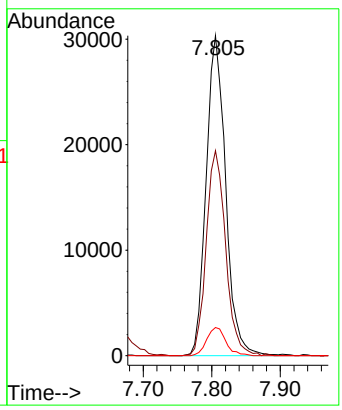




#47
Bromodichloromethane
Concen: 19.481 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 83 Resp: 5988

Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.5	78.7
127	8.8	6.9	10.3



Instrument :
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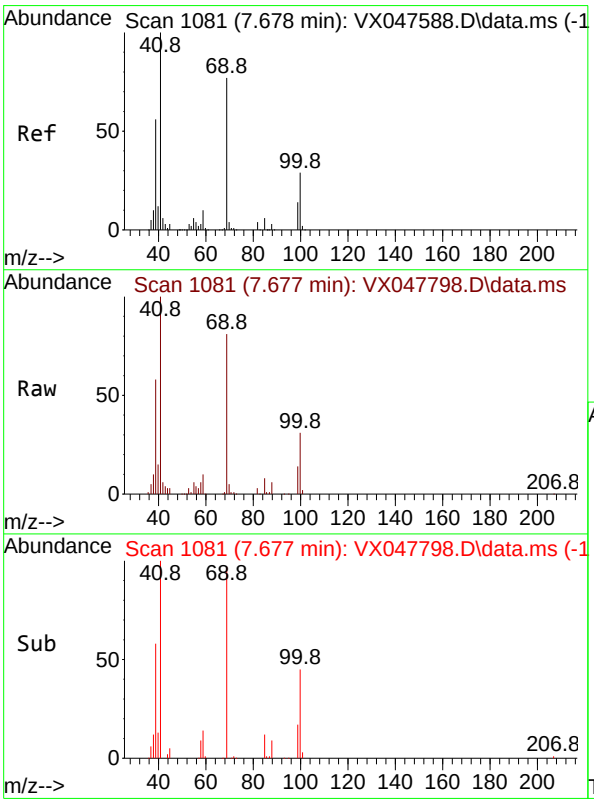
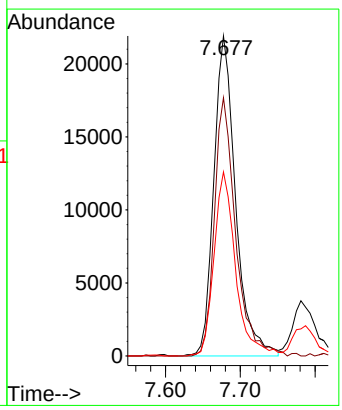
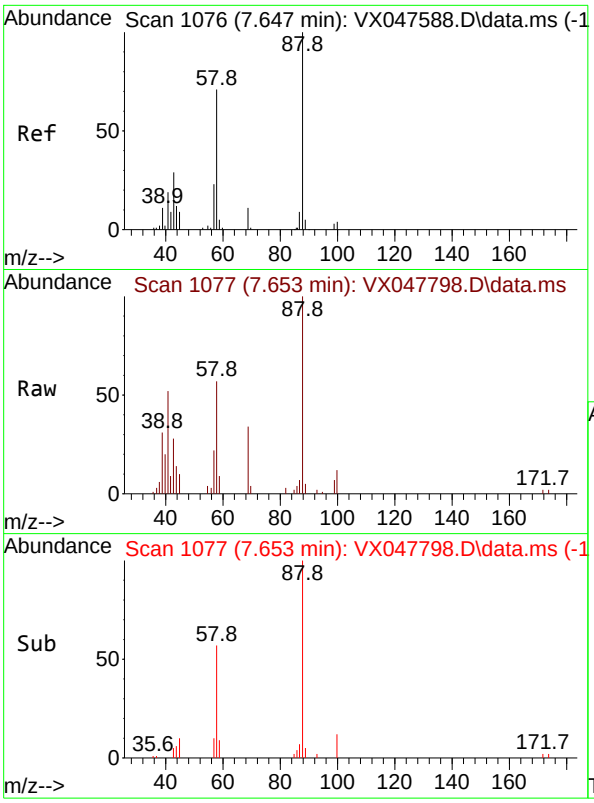


#48
Methyl methacrylate
Concen: 19.308 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 41 Resp: 44455

Ion	Ratio	Lower	Upper
41	100		
69	78.7	61.4	92.2
39	57.1	45.8	68.6





#49
1,4-Dioxane
Concen: 475.570 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 88 Resp: 1106

Ion	Ratio	Lower	Upper
88	100		
43	38.8	30.2	45.2
58	75.4	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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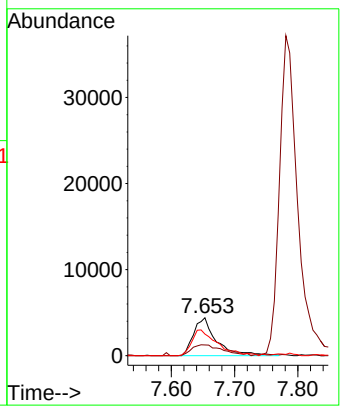
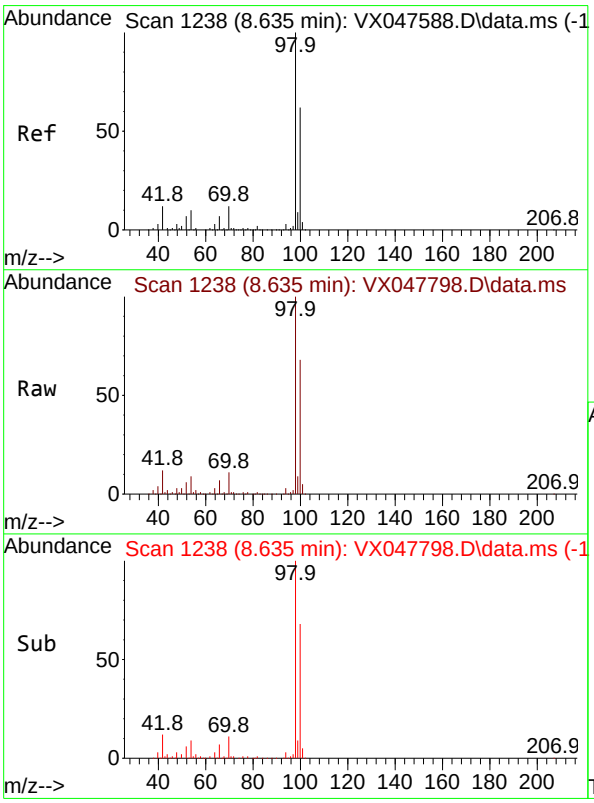
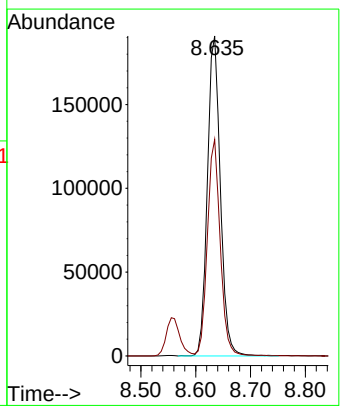


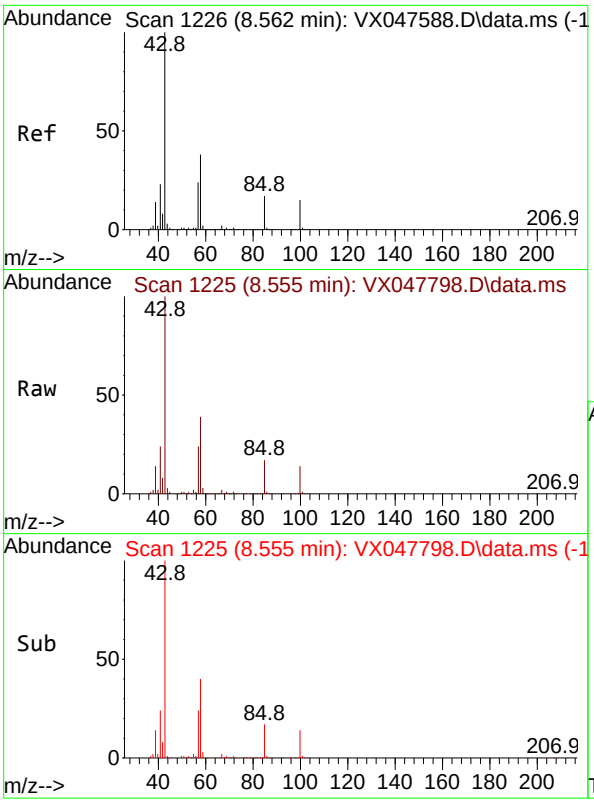


#50
Toluene-d8
Concen: 50.167 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 98 Resp: 312702

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4

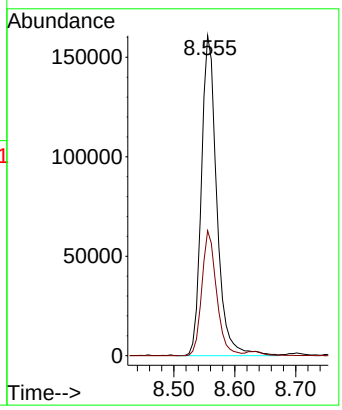




#51
4-Methyl-2-Pentanone
Concen: 110.466 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 43 Resp: 28311

Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
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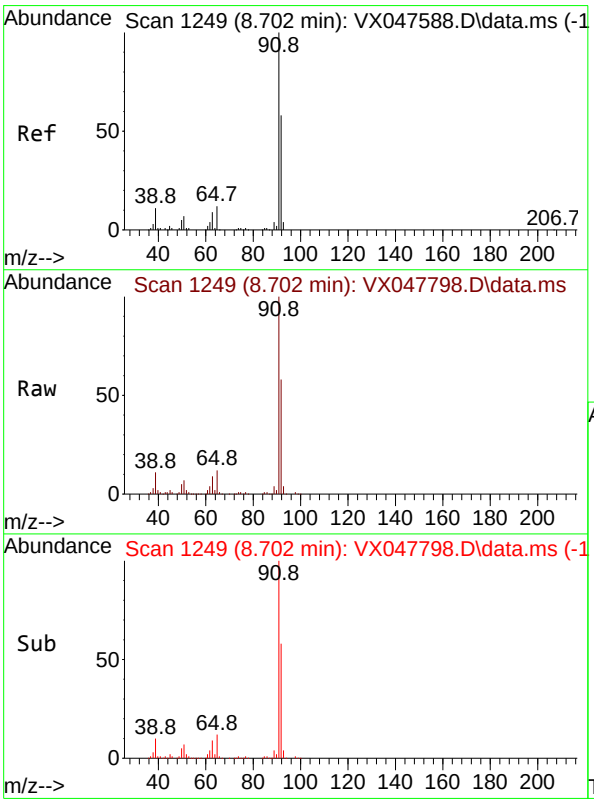
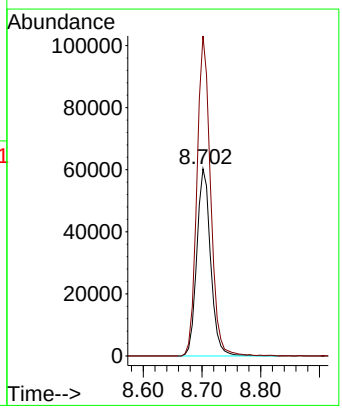
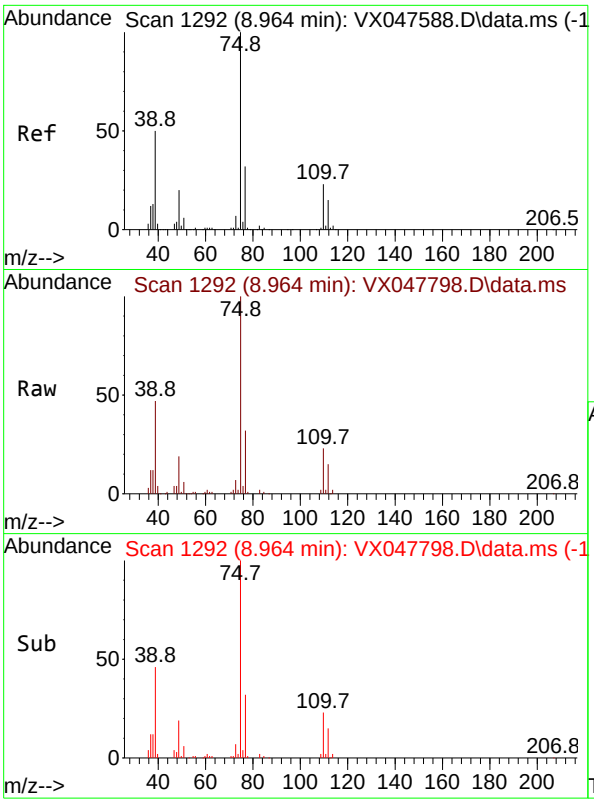


#52
Toluene
Concen: 19.965 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 92 Resp: 98340

Ion	Ratio	Lower	Upper
92	100		
91	168.2	137.1	205.7

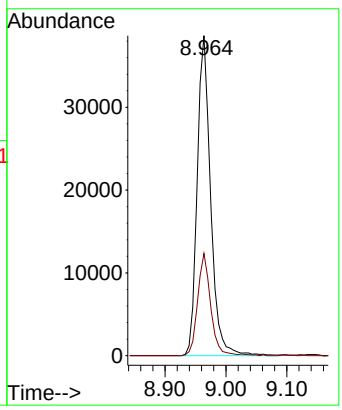




#53
t-1,3-Dichloropropene
Concen: 18.891 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 75 Resp: 5923

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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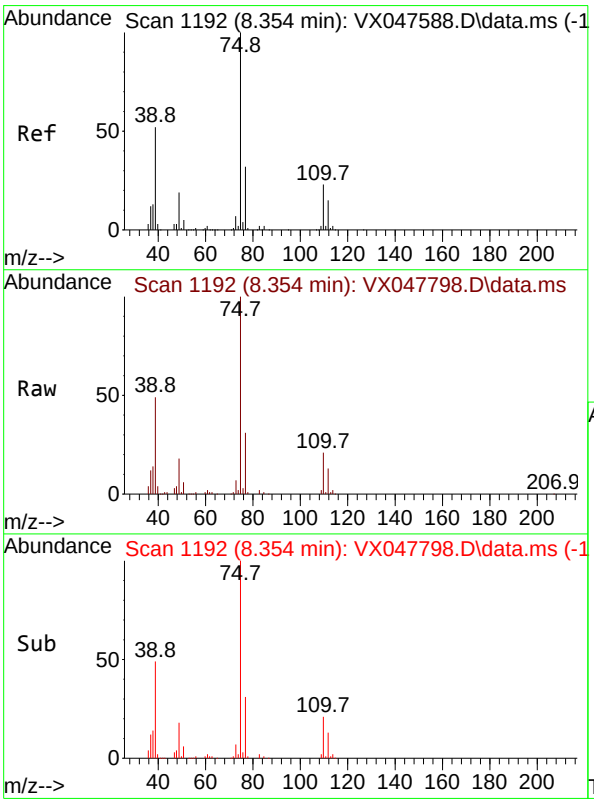
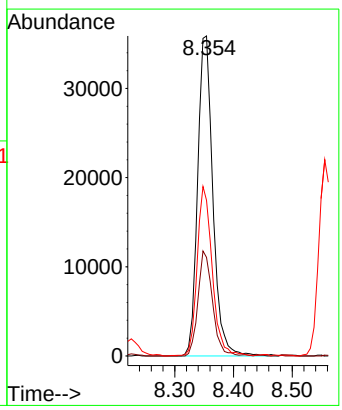
Supervised By :Mahesh Dadoda 09/29/2025

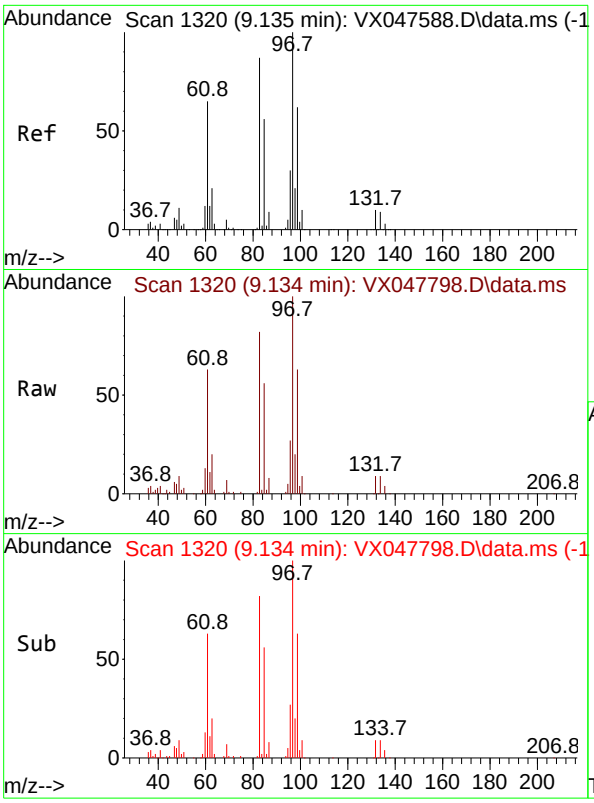


#54
cis-1,3-Dichloropropene
Concen: 19.330 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 75 Resp: 64785

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.8	38.6
39	48.4	41.4	62.2

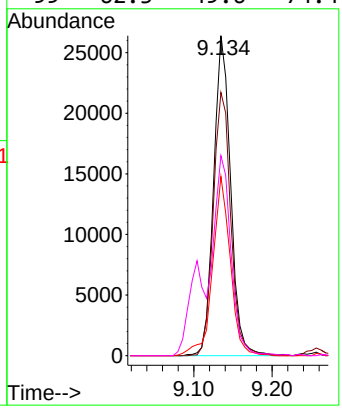




#55
1,1,2-Trichloroethane
Concen: 20.990 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 97 Resp: 3986

Ion	Ratio	Lower	Upper
97	100		
83	82.2	69.6	104.4
85	56.0	45.0	67.6
99	62.3	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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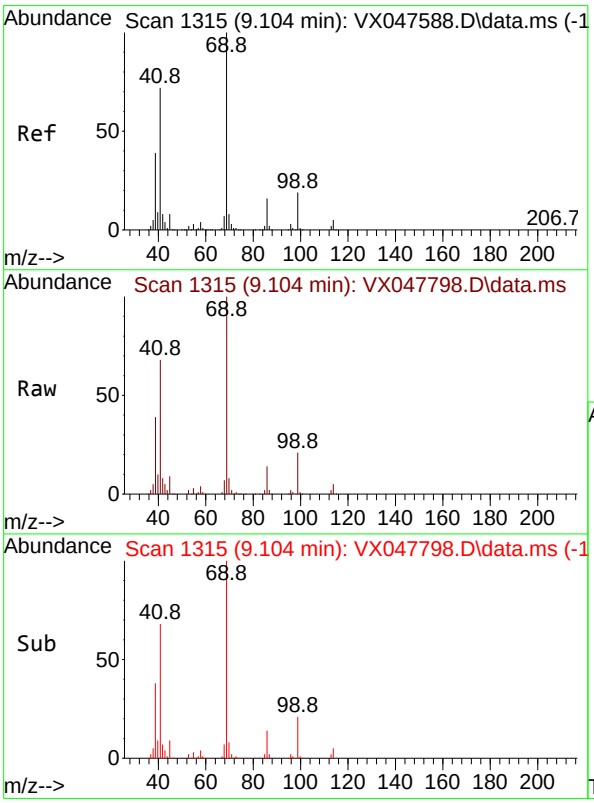
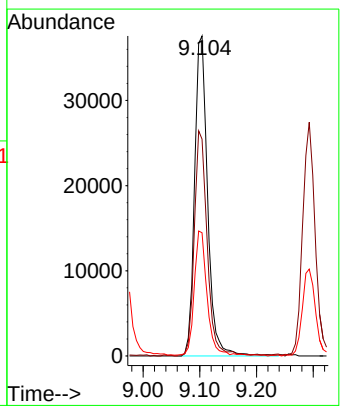
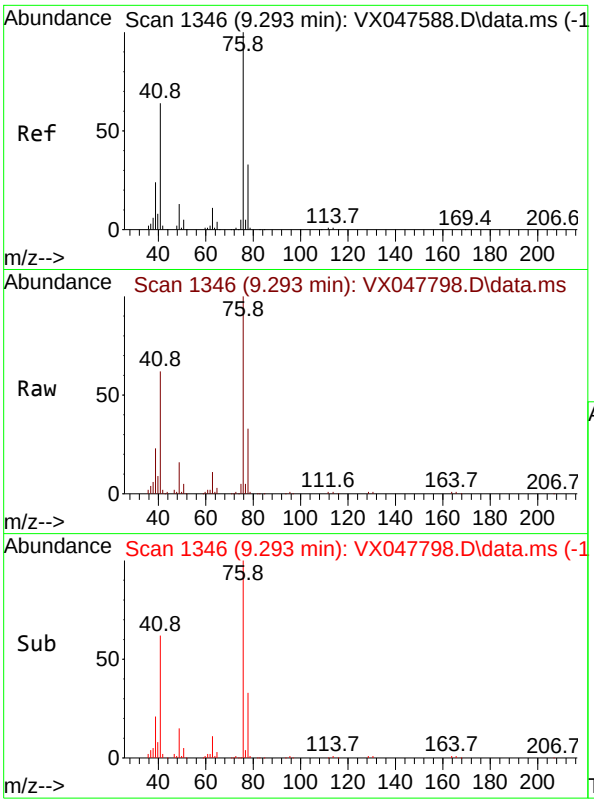


#56
Ethyl methacrylate
Concen: 20.104 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 69 Resp: 59966

Ion	Ratio	Lower	Upper
69	100		
41	69.7	58.6	87.8
39	39.2	31.5	47.3

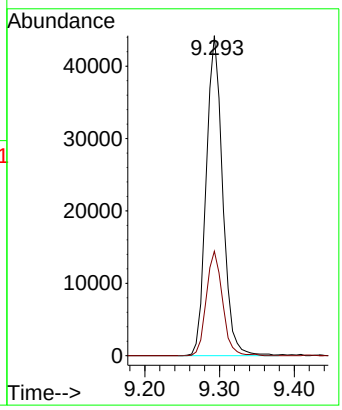




#57
1,3-Dichloropropane
Concen: 20.730 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 76 Resp: 6763

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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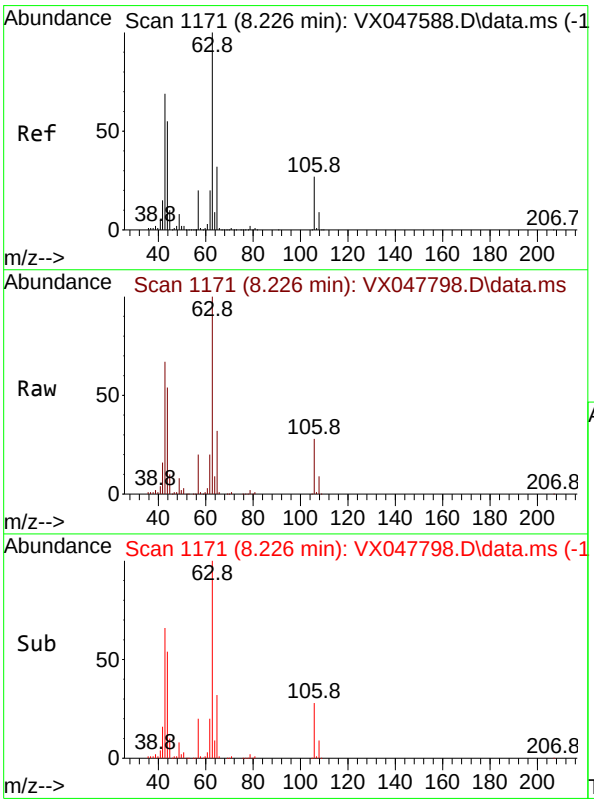
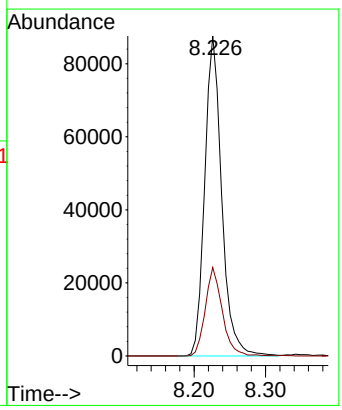
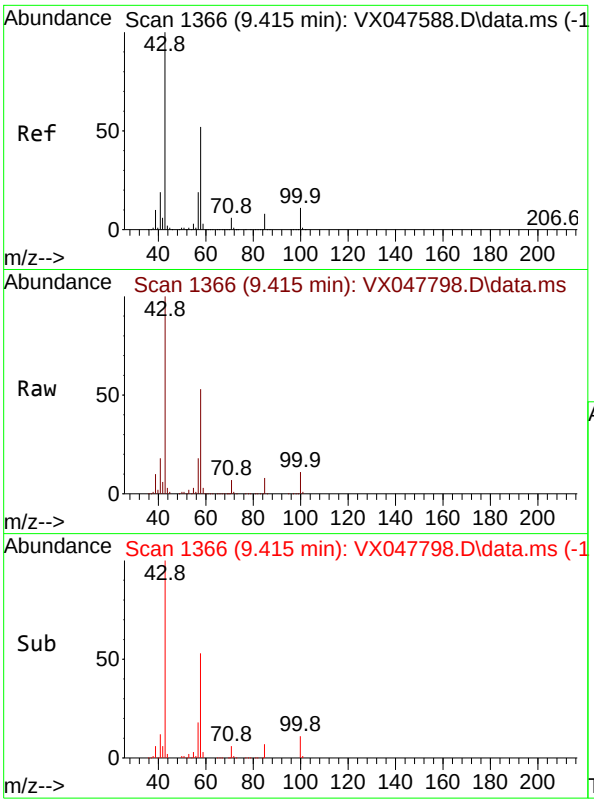


#58
2-Chloroethyl Vinyl ether
Concen: 108.334 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 63 Resp: 144584

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9





#59
2-Hexanone
Concen: 107.038 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 43 Resp: 19702

Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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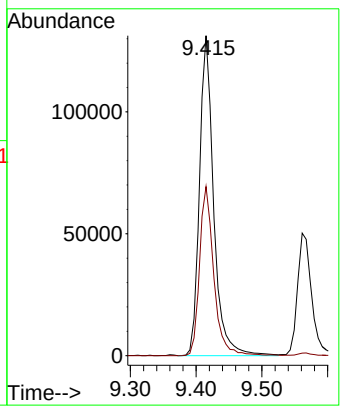
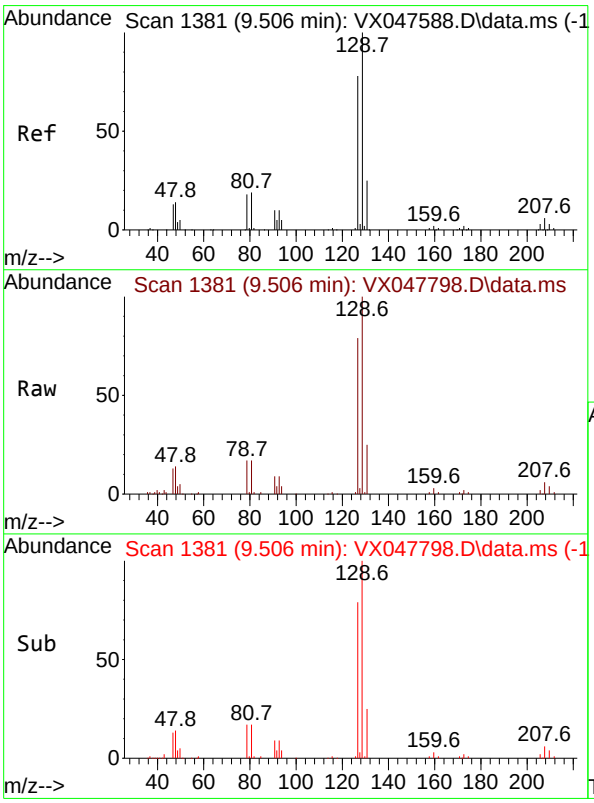
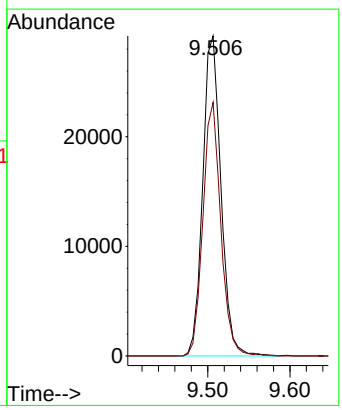


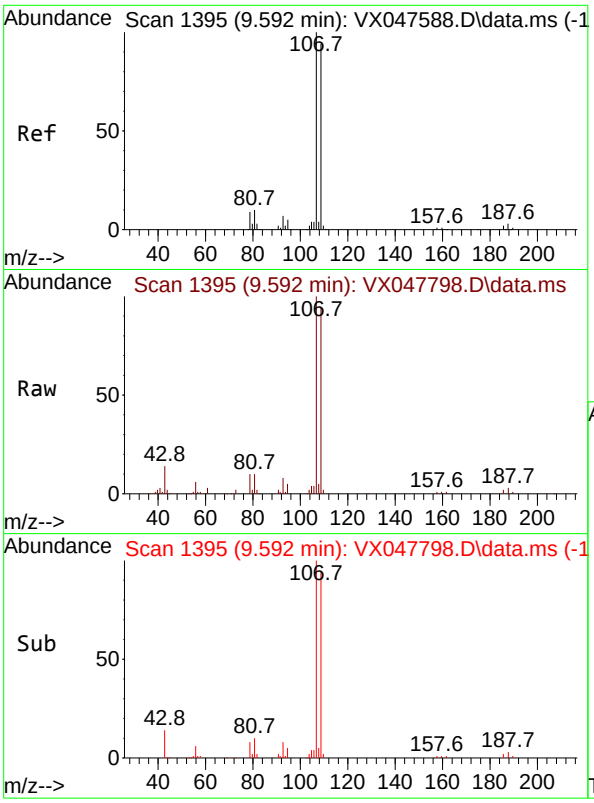


#60
Dibromochloromethane
Concen: 20.506 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:129 Resp: 44875

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.4	115.2





#61
1,2-Dibromoethane
Concen: 20.839 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:107 Resp: 4031

Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.3	112.9

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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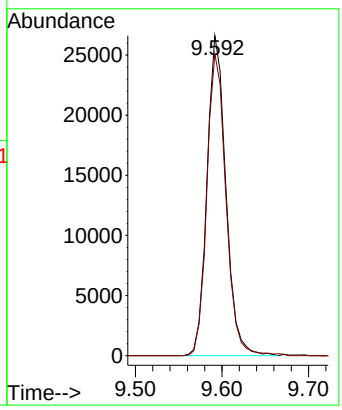
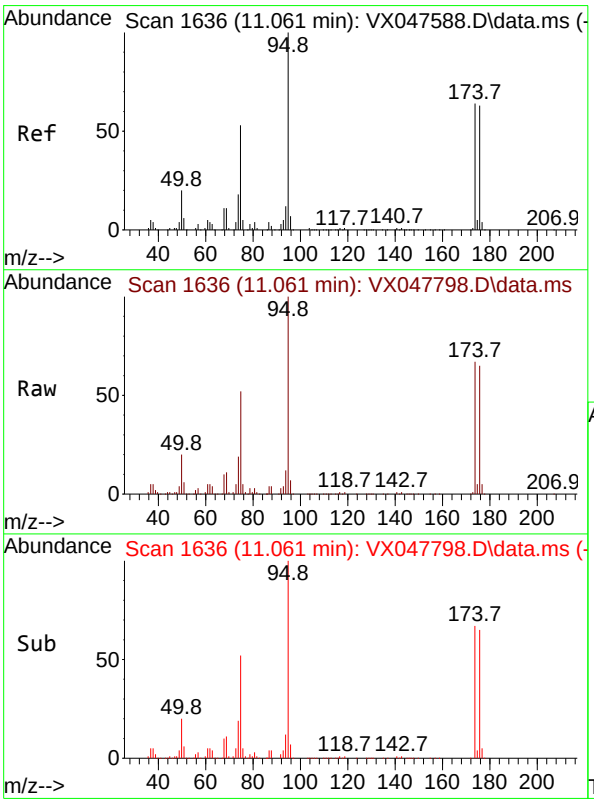
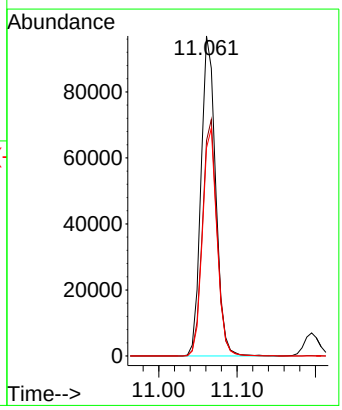


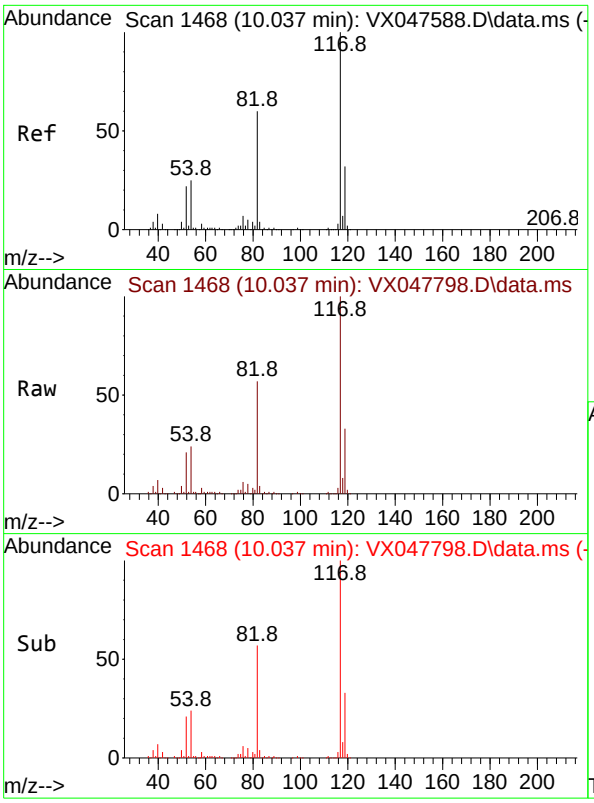


#62
4-Bromofluorobenzene
Concen: 53.101 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 95 Resp: 125617

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	141.6
176	70.5	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:117 Resp: 25251

Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.8	71.6
119	32.6	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations
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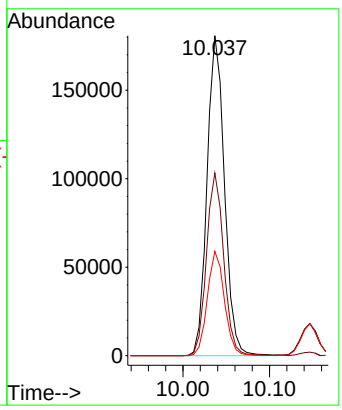
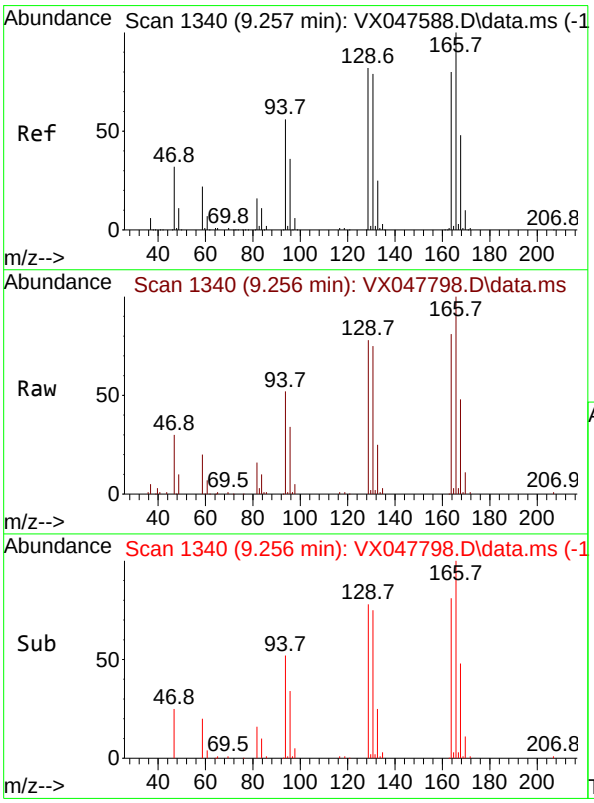
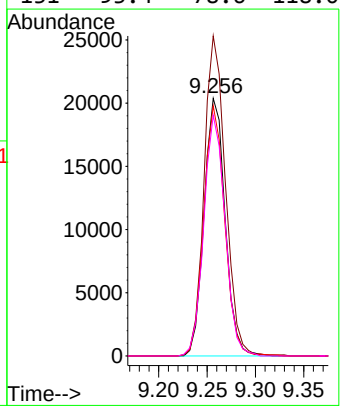


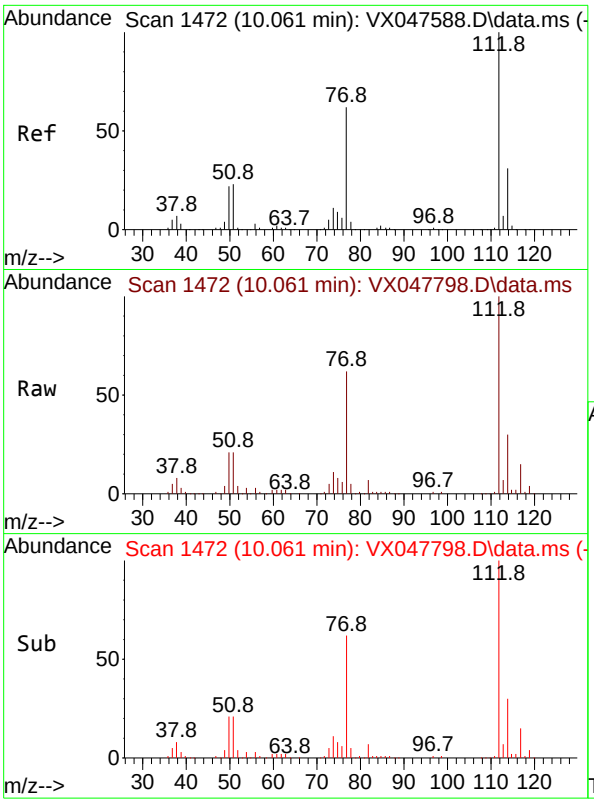


#64
Tetrachloroethene
Concen: 18.700 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:164 Resp: 30782

Ion	Ratio	Lower	Upper
164	100		
166	124.2	100.2	150.2
129	97.1	81.8	122.6
131	93.4	78.6	118.0

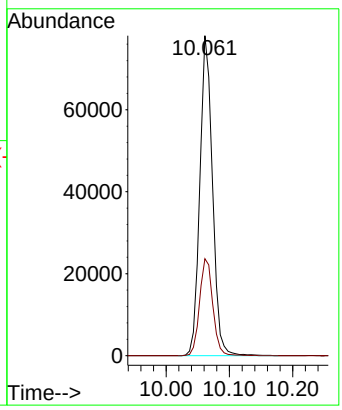




#65
Chlorobenzene
Concen: 18.961 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:112 Resp: 10877

Ion	Ratio	Lower	Upper
112	100		
114	30.3	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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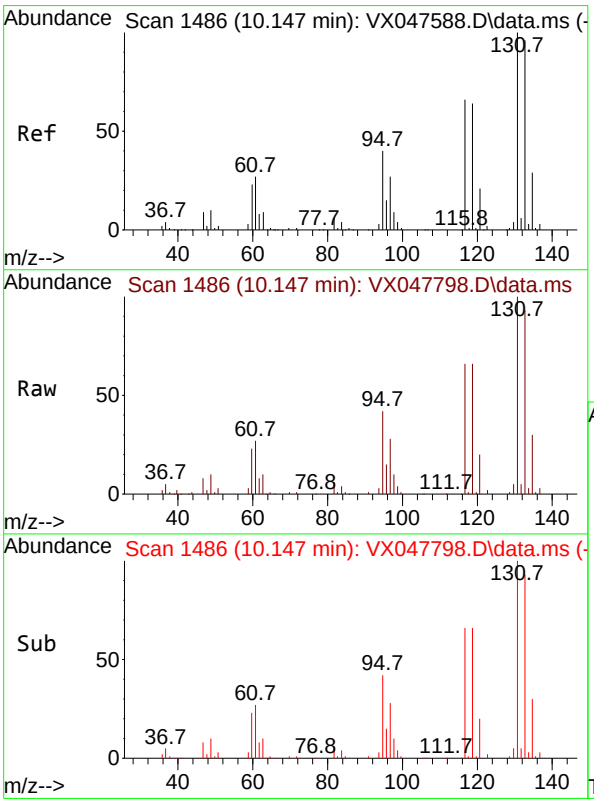
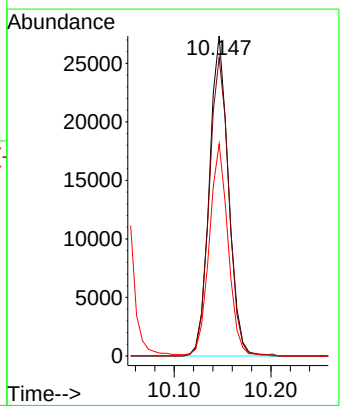
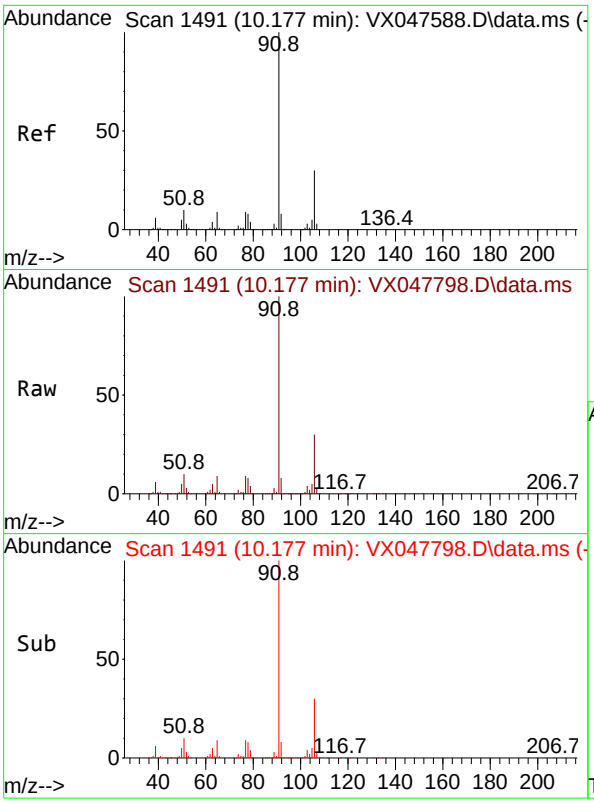


#66
1,1,1,2-Tetrachloroethane
Concen: 18.953 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:131 Resp: 37519

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.3	142.0
119	65.3	32.0	96.0





#67
Ethyl Benzene
Concen: 18.084 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 91 Resp: 17899

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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Reviewed By :John Carlone 09/26/2025
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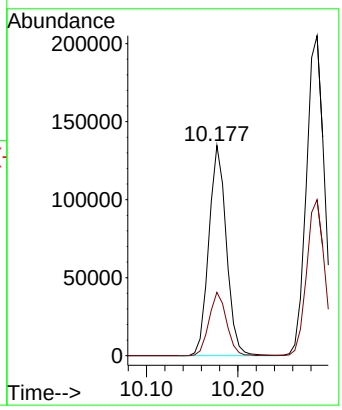
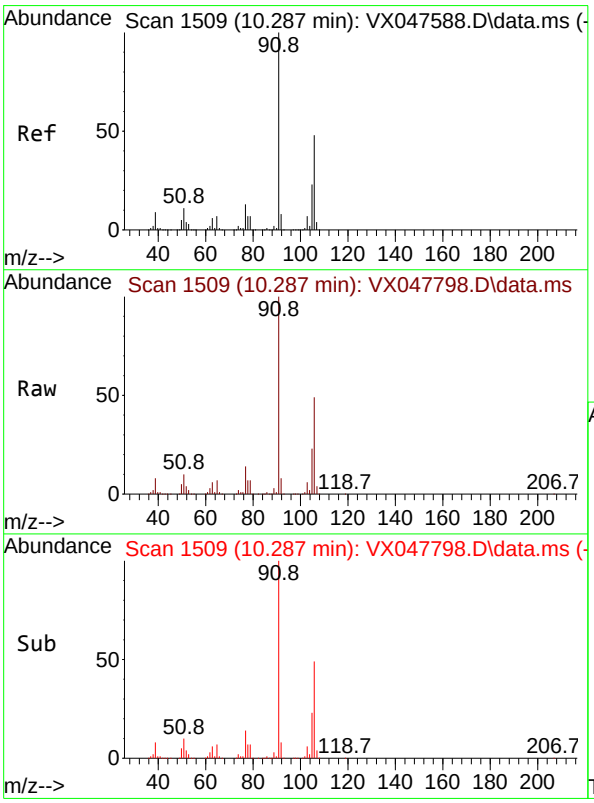
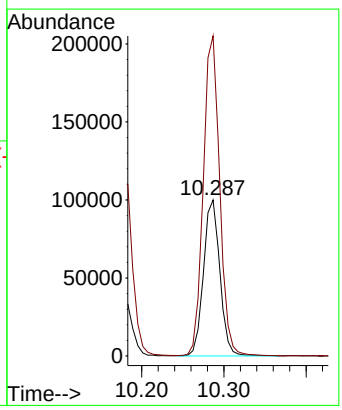


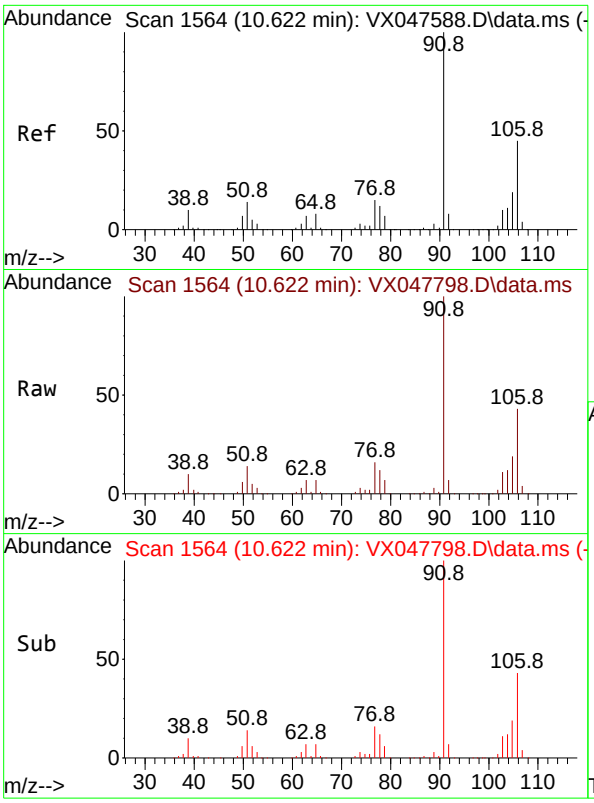


#68
m/p-Xylenes
Concen: 37.567 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:106 Resp: 138405

Ion	Ratio	Lower	Upper
106	100		
91	205.9	167.8	251.8





#69
o-Xylene
Concen: 18.496 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:106 Resp: 6590

Ion	Ratio	Lower	Upper
106	100		
91	221.7	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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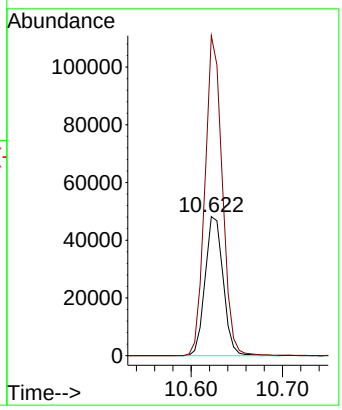
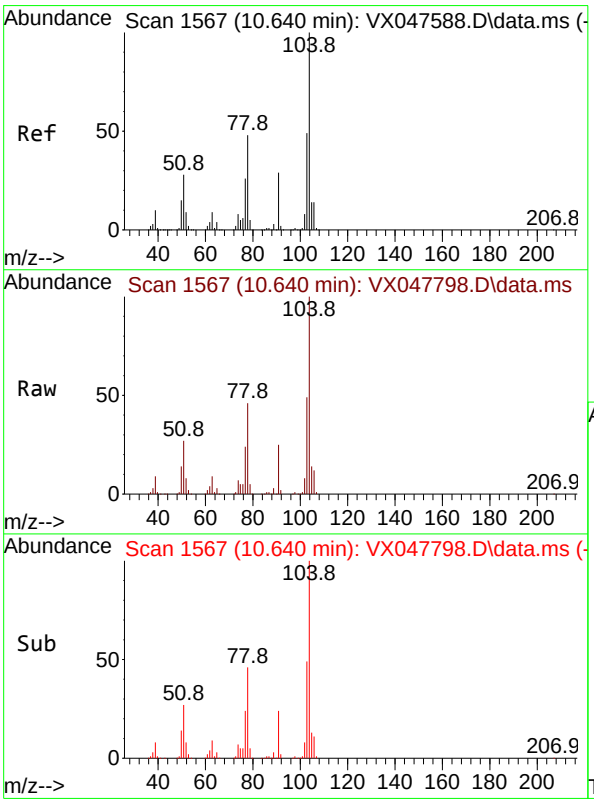
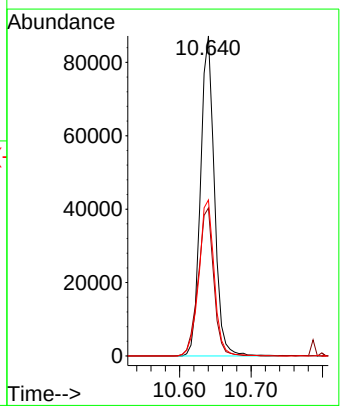


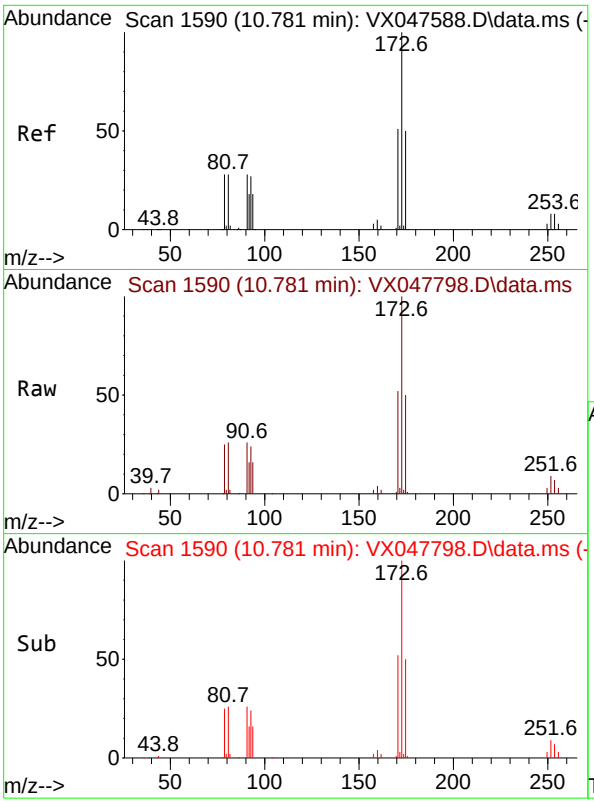


#70
Styrene
Concen: 18.926 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:104 Resp: 118170

Ion	Ratio	Lower	Upper
104	100		
78	51.5	43.1	64.7
103	53.7	43.1	64.7

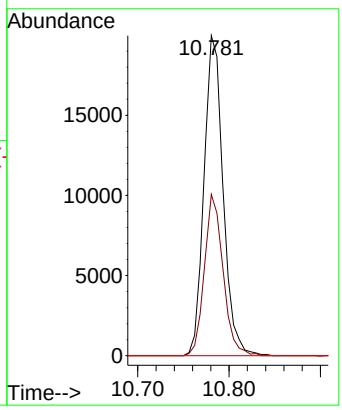




#71
Bromoform
Concen: 19.553 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:173 Resp: 2890

Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations
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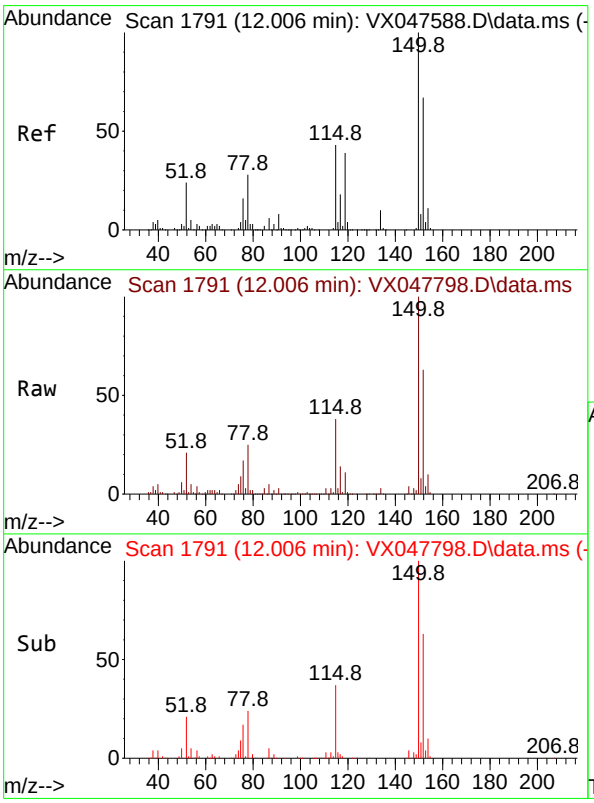
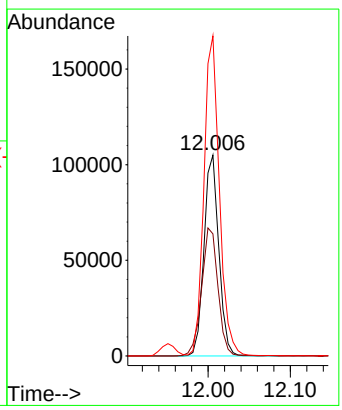
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

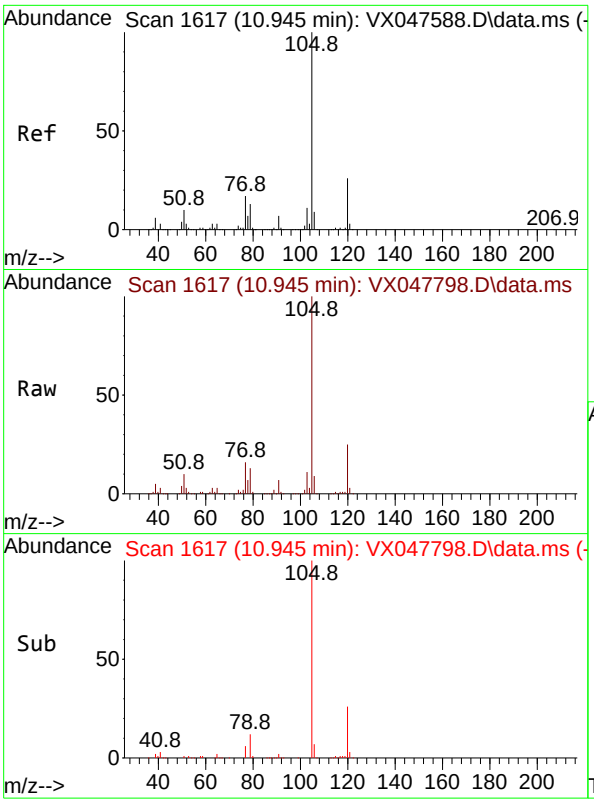


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:152 Resp: 131521

Ion	Ratio	Lower	Upper
152	100		
115	70.2	44.9	134.5
150	165.9	0.0	352.0





#73
Isopropylbenzene
Concen: 16.760 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:105 Resp: 16758

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4

Instrument :
MSVOA_X
ClientSampleId :
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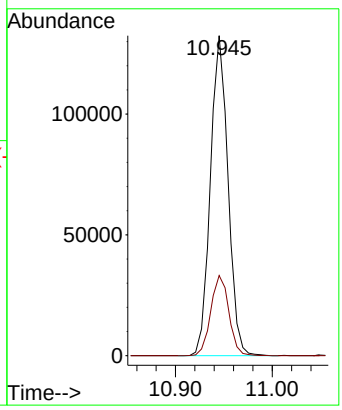
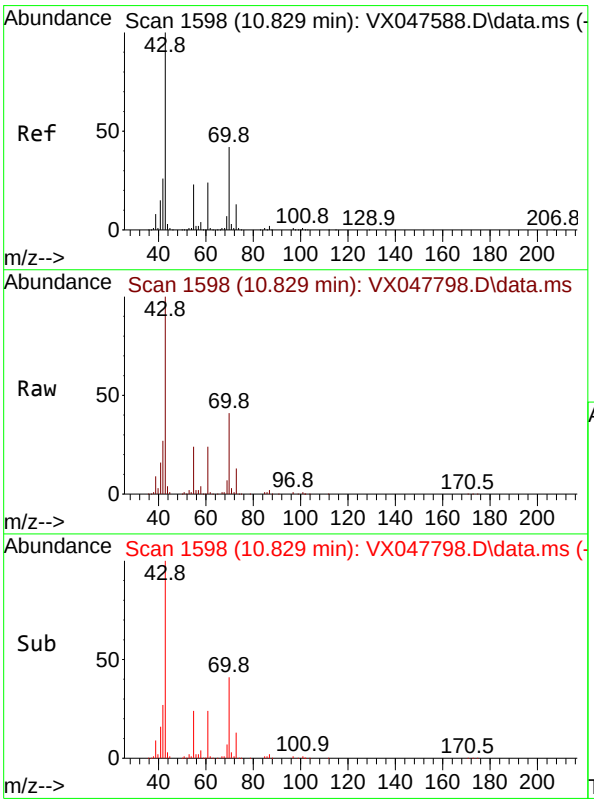
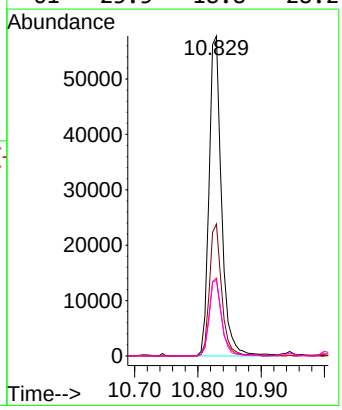


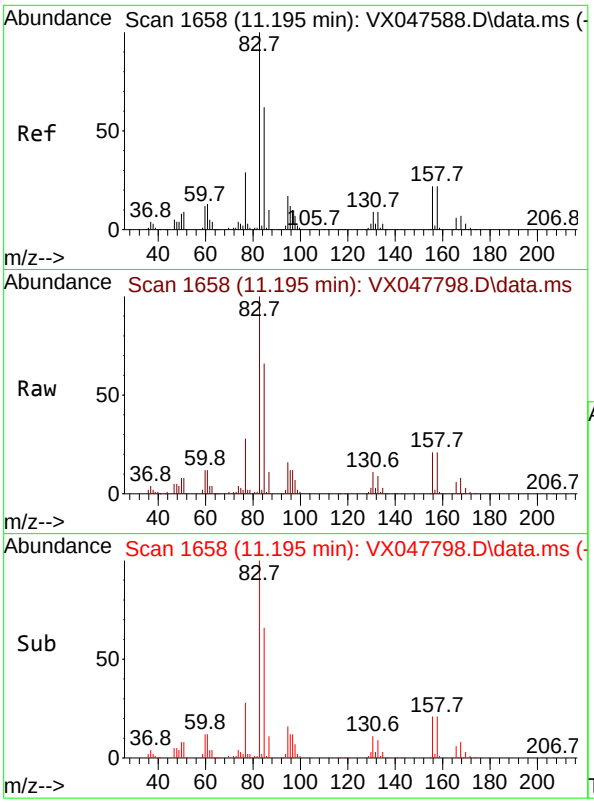


#74
N-amyl acetate
Concen: 17.416 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 43 Resp: 79411

Ion	Ratio	Lower	Upper
43	100		
70	40.4	32.0	48.0
55	24.5	18.9	28.3
61	23.5	18.8	28.2

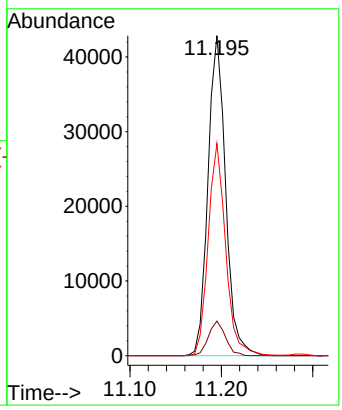




#75
1,1,2,2-Tetrachloroethane
Concen: 18.935 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 83 Resp: 5728

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.0	14.9
85	65.8	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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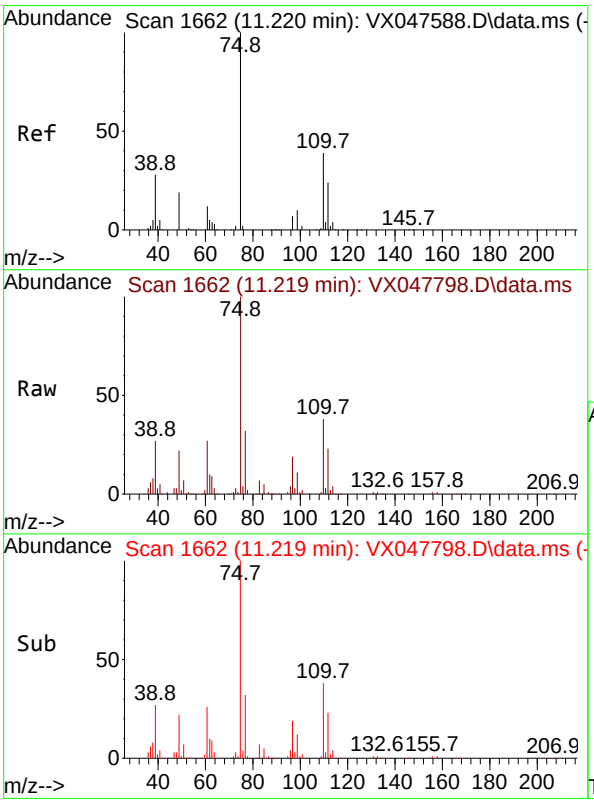
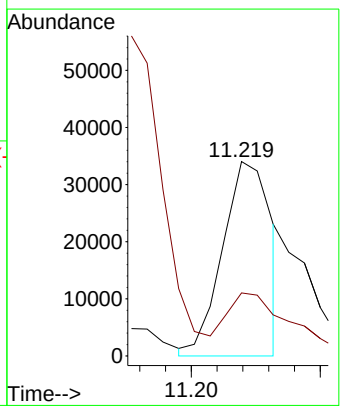
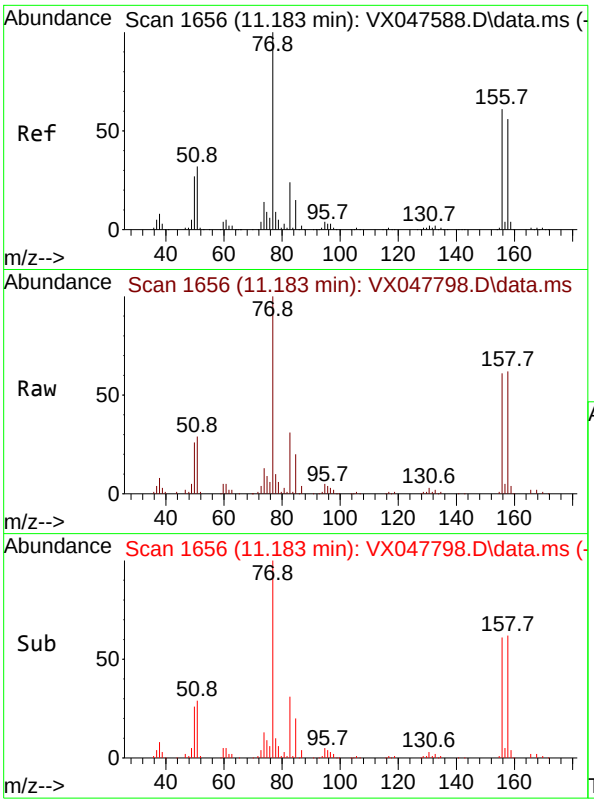


#76
1,2,3-Trichloropropane
Concen: 16.752 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 75 Resp: 44609

Ion	Ratio	Lower	Upper
75	100		
77	42.6	18.8	56.4

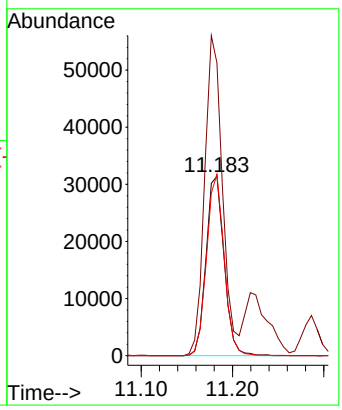




#77
Bromobenzene
Concen: 17.518 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:156 Resp: 4314

Ion	Ratio	Lower	Upper
156	100		
77	175.8	89.7	269.1
158	98.5	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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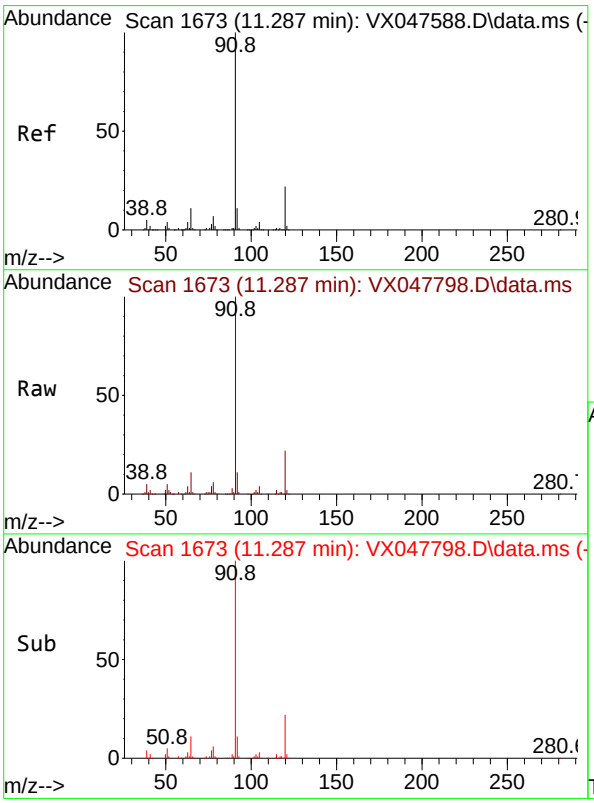
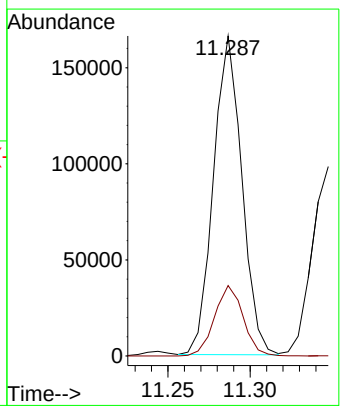
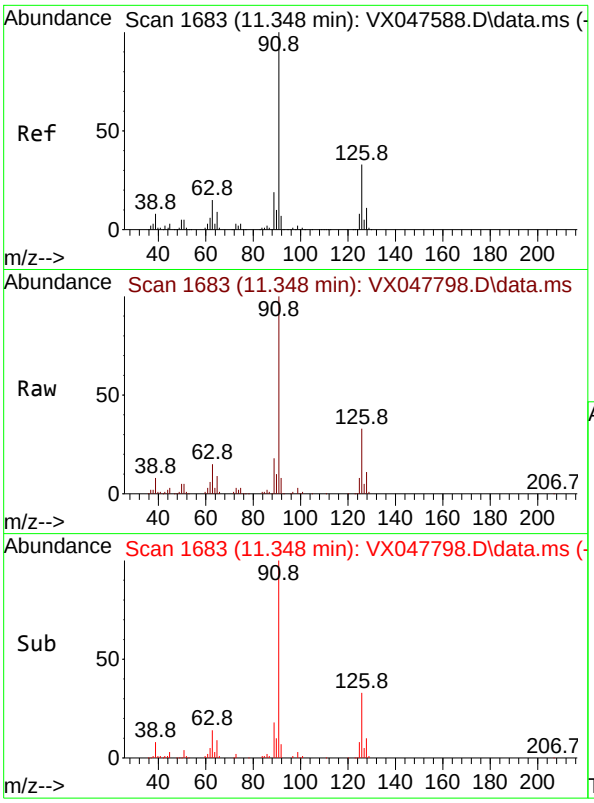


#78
n-propylbenzene
Concen: 16.848 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 91 Resp: 199146

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1





#79
2-Chlorotoluene
Concen: 17.163 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 91 Resp: 12425

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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Reviewed By :John Carlone 09/26/2025
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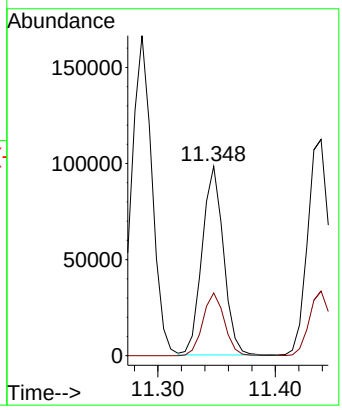
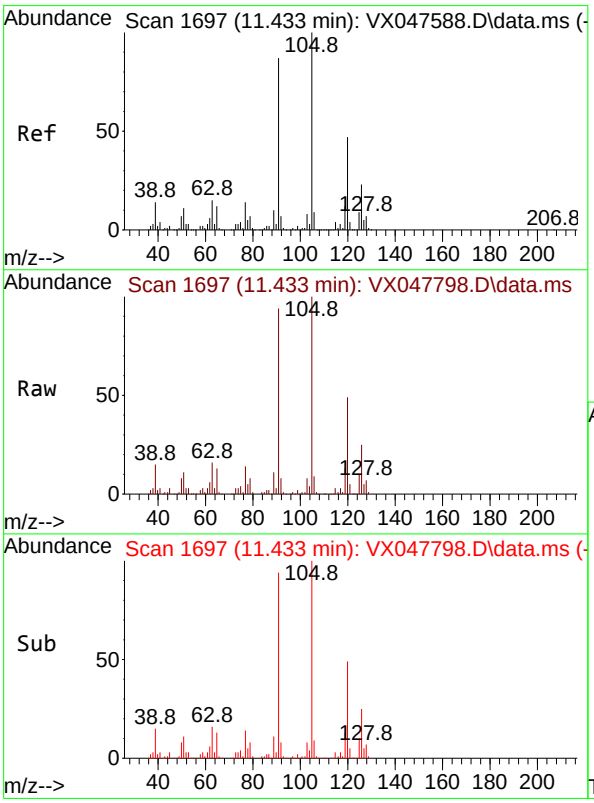
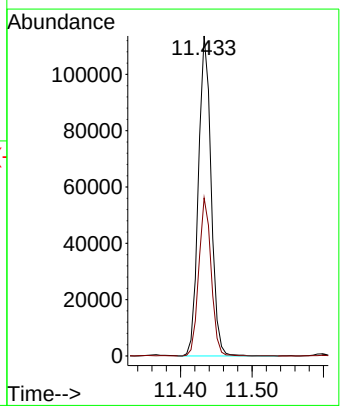


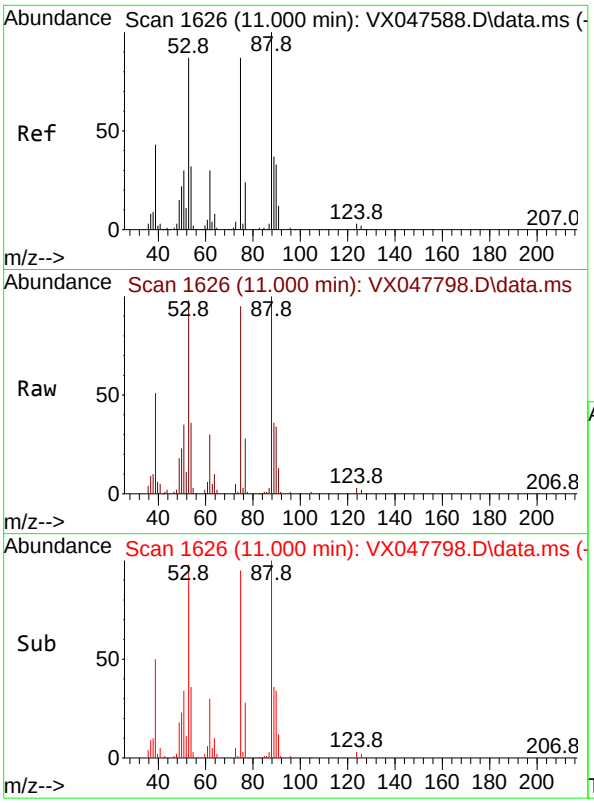


#80
1,3,5-Trimethylbenzene
Concen: 16.963 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:105 Resp: 139354

Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 16.095 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 75 Resp: 1680

Ion	Ratio	Lower	Upper
75	100		
53	110.2	83.4	125.2
89	43.5	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations
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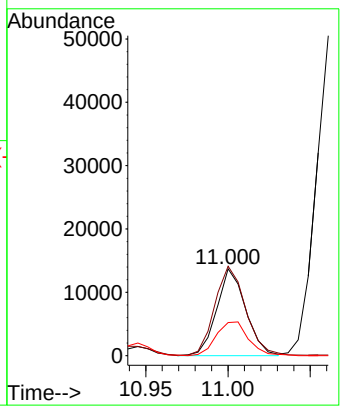
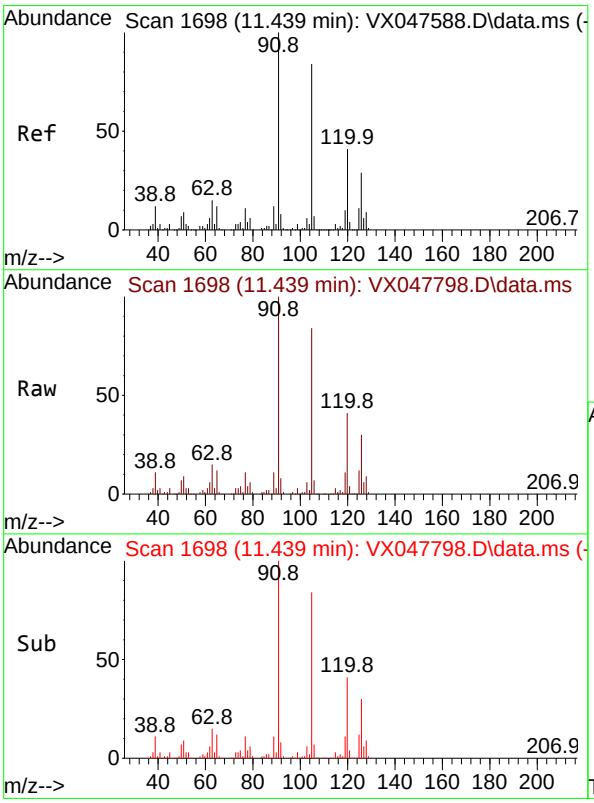
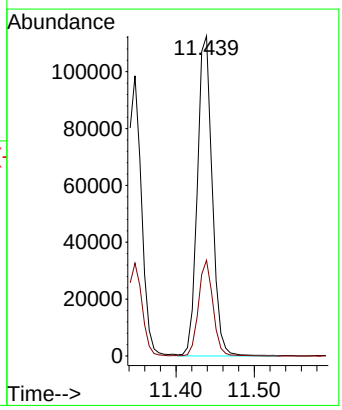


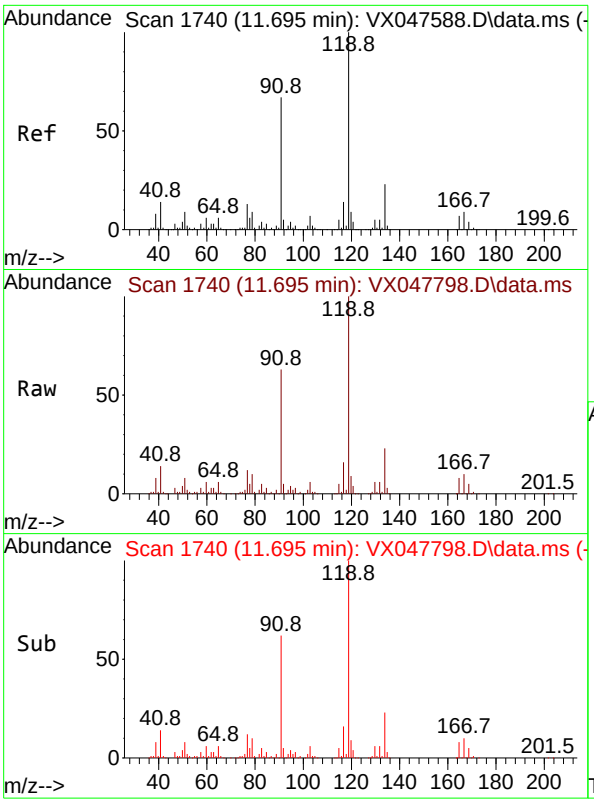


#82
4-Chlorotoluene
Concen: 17.346 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 91 Resp: 148311

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.2	42.6

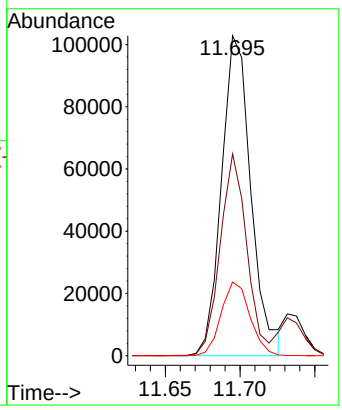




#83
tert-Butylbenzene
Concen: 16.747 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:119 Resp: 14083

Ion	Ratio	Lower	Upper
119	100		
91	57.0	29.6	88.8
134	22.6	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations
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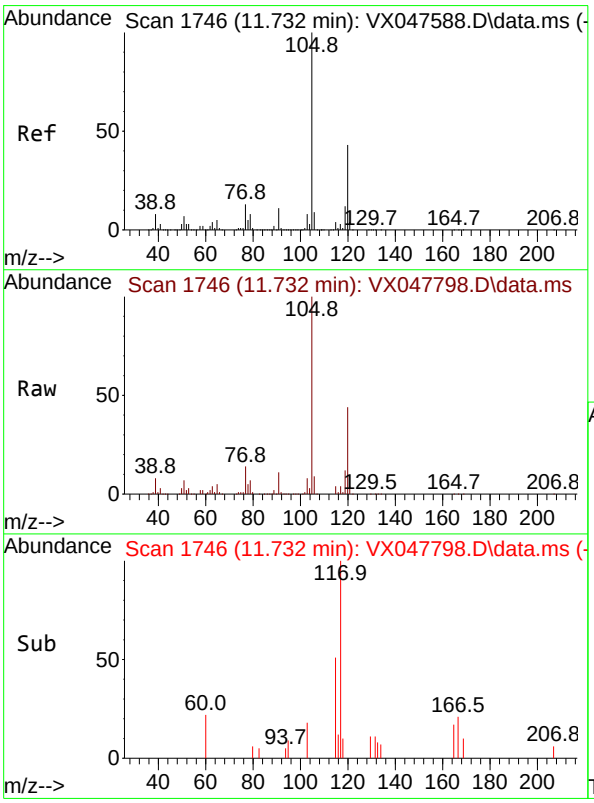
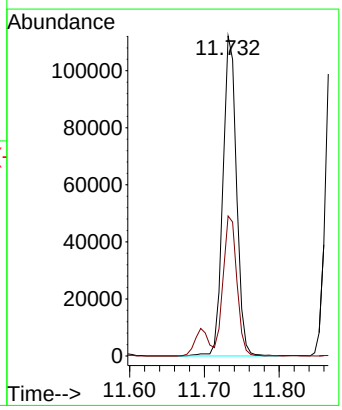
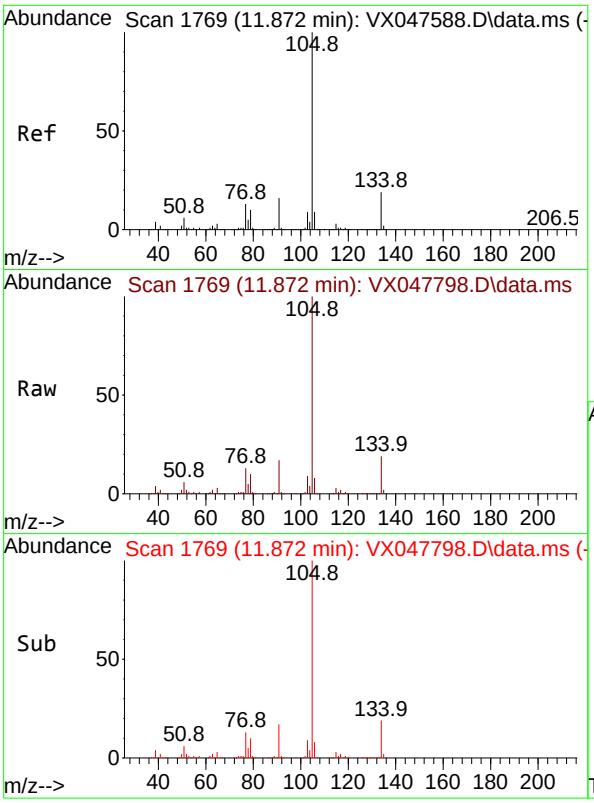


#84
1,2,4-Trimethylbenzene
Concen: 17.128 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:105 Resp: 142656

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.1

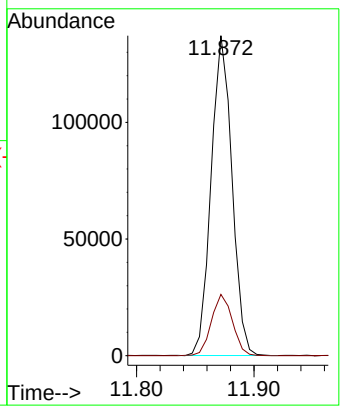




#85
sec-Butylbenzene
Concen: 16.912 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:105 Resp: 16893

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5



Instrument :
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ClientSampleId :
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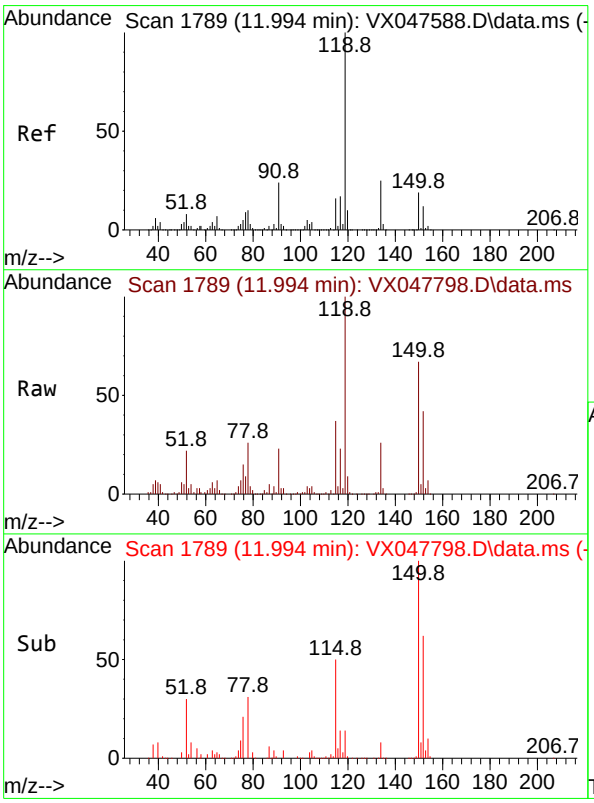
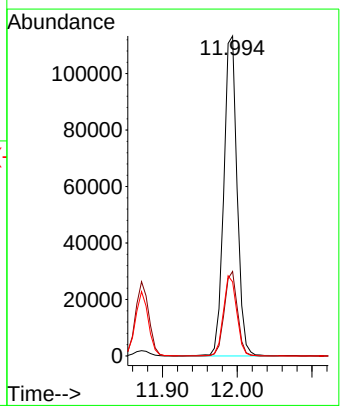
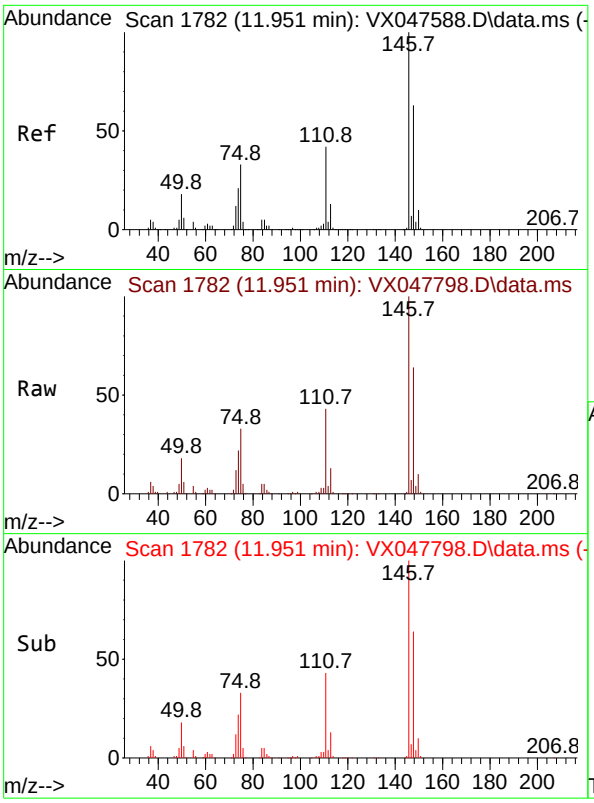


#86
p-Isopropyltoluene
Concen: 16.635 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:119 Resp: 140679

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.8
91	25.2	12.6	37.6

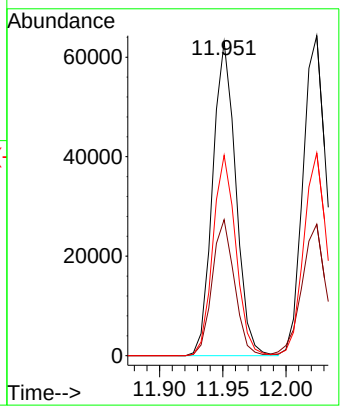




#87
1,3-Dichlorobenzene
Concen: 17.485 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:146 Resp: 7997

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.5	64.5
148	63.4	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
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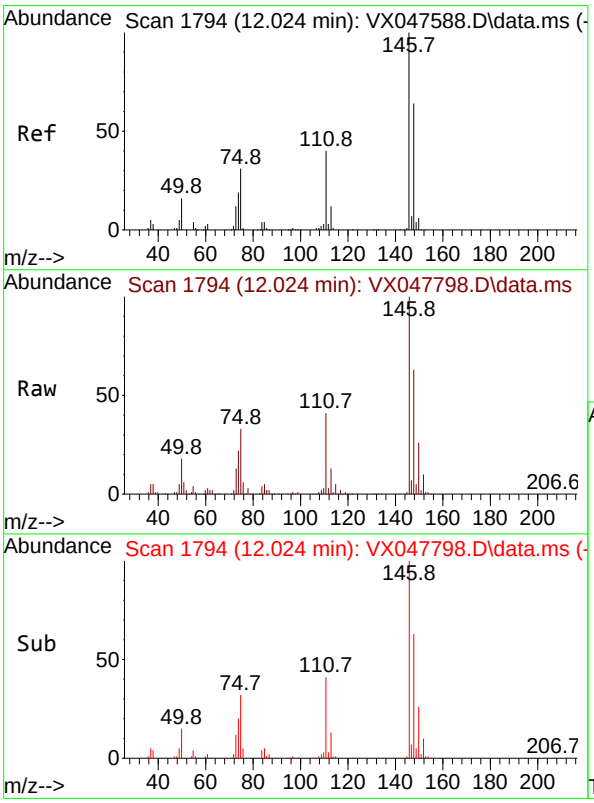
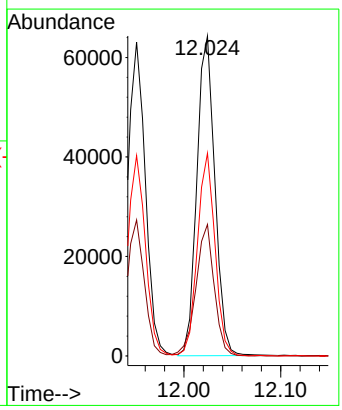
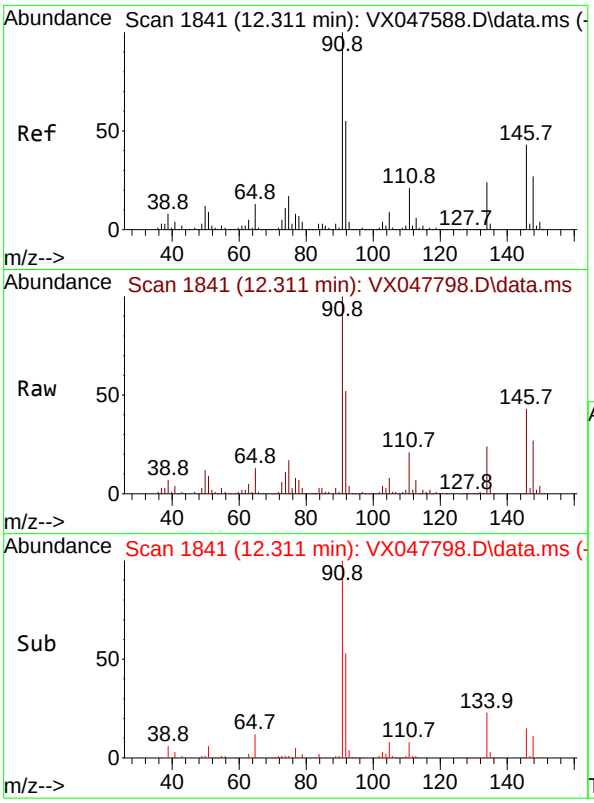


#88
1,4-Dichlorobenzene
Concen: 17.757 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:146 Resp: 83367

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.4
148	62.0	31.7	95.1





#89
n-Butylbenzene
Concen: 16.604 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 91 Resp: 12992

Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.6	82.7
134	25.1	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

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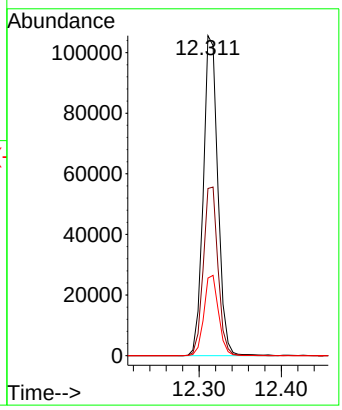
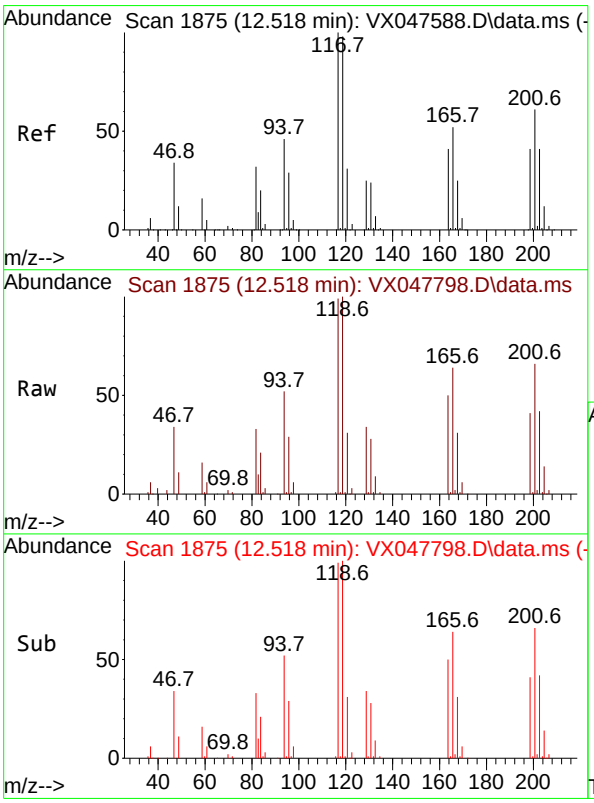
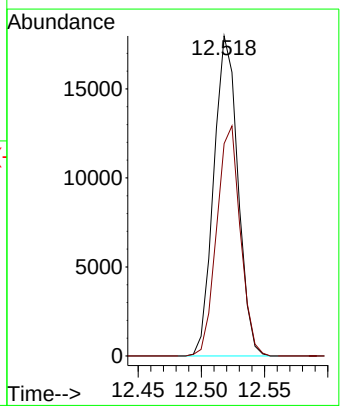


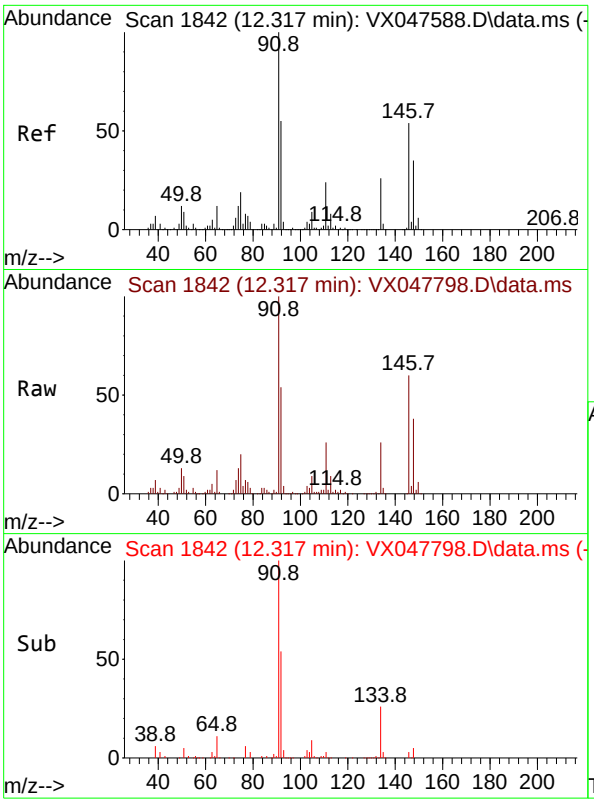


#90
Hexachloroethane
Concen: 16.057 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:117 Resp: 23841

Ion	Ratio	Lower	Upper
117	100		
201	70.4	34.2	102.5

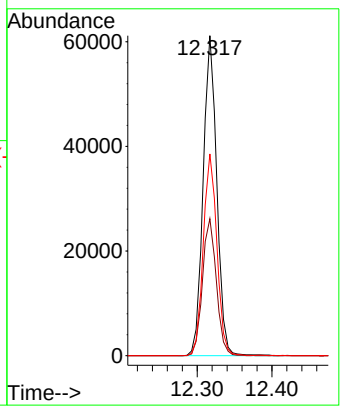




#91
1,2-Dichlorobenzene
Concen: 17.765 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:146 Resp: 7741

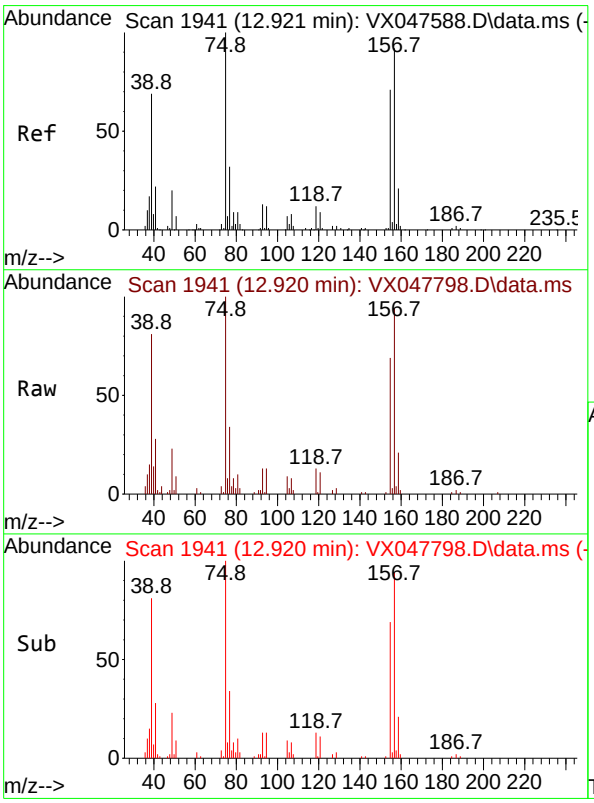
Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.2	66.6
148	63.0	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations
APPROVED

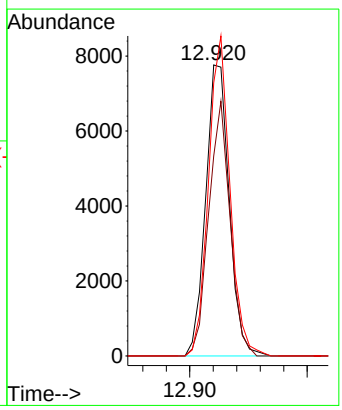
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

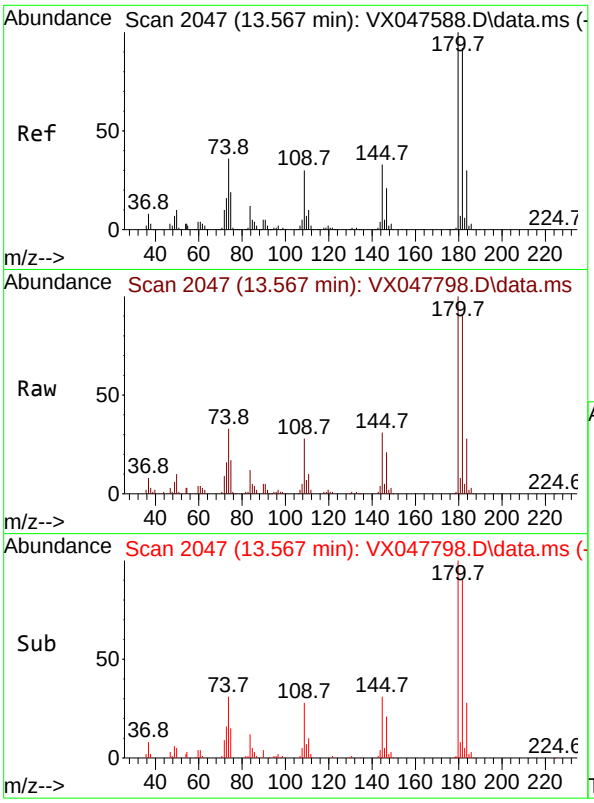


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.625 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 75 Resp: 10795

Ion	Ratio	Lower	Upper
75	100		
155	79.3	37.7	113.1
157	100.3	49.8	149.4

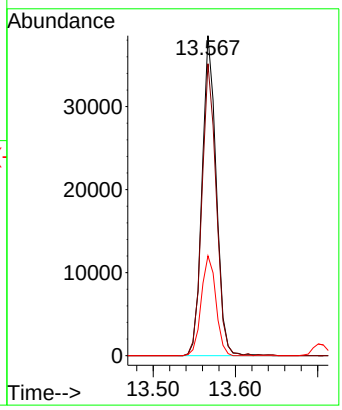




#93
1,2,4-Trichlorobenzene
Concen: 16.239 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:180 Resp: 4599

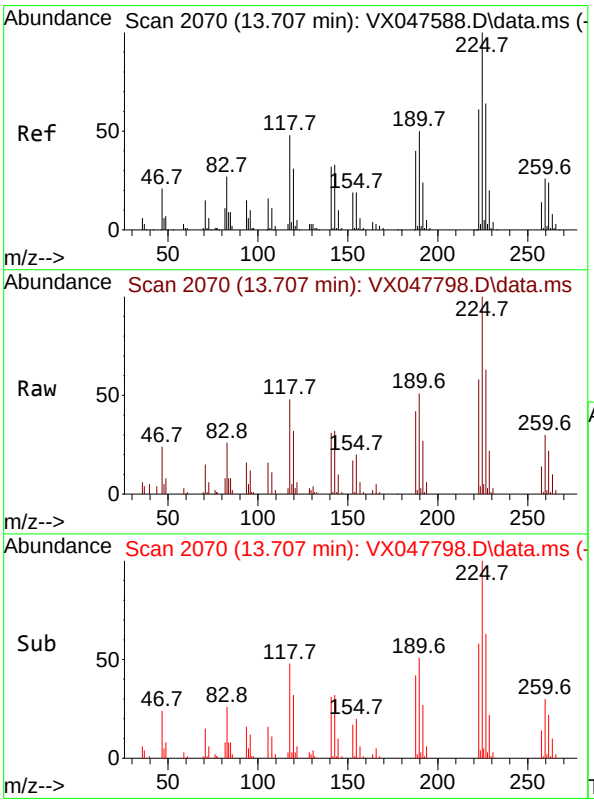
Ion	Ratio	Lower	Upper
180	100		
182	92.4	46.6	139.8
145	32.2	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations
APPROVED

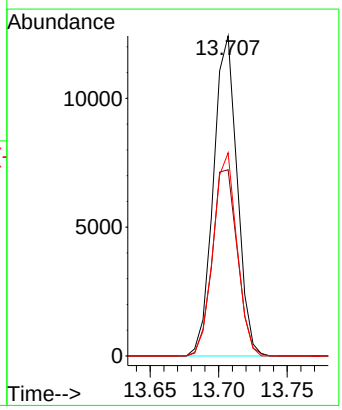
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

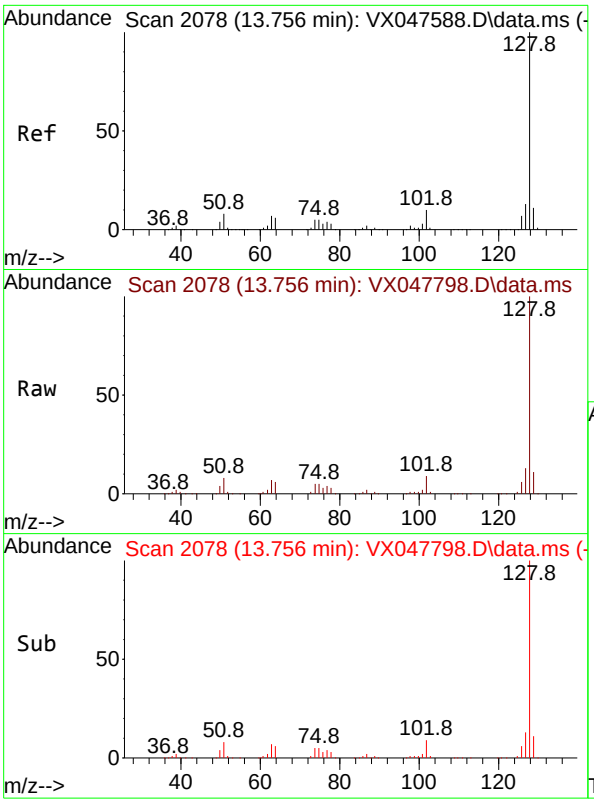


#94
Hexachlorobutadiene
Concen: 15.538 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:225 Resp: 14948

Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.7	95.1
227	63.3	32.0	96.0

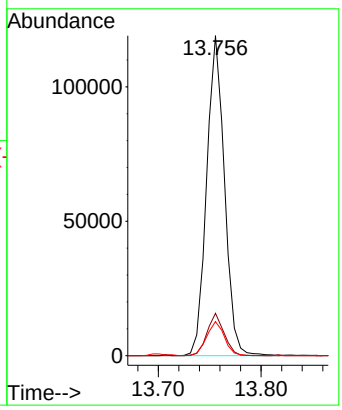




#95
Naphthalene
Concen: 16.649 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:128 Resp: 14358

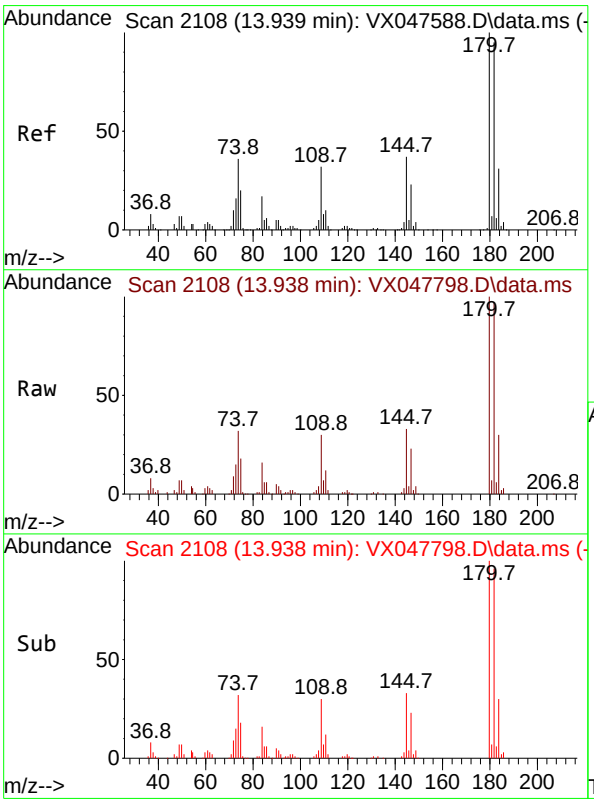
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.7	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Manual Integrations
APPROVED

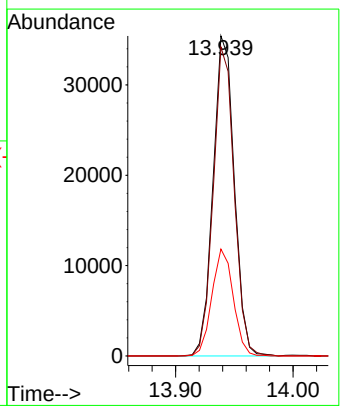
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.884 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:180 Resp: 44483

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	33.6	17.9	53.7



Raw Data: **VX047827.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0925WBS02	SDG No.:	Q3128
Lab Sample ID:	VX0925WBS02	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:	Date Analyzed	Prep Batch ID
VX047827.D	1	09/26/25 02:31	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	21.6		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	20.8		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	20.6		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	20.2		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	20.6		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.1		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	20.6		0.23	0.75	1.00	ug/L
67-64-1	Acetone	93.0		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	19.8		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.9		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	24.7		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	21.6		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.8		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.0		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	19.3		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.1		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	21.1		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	20.3		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	21.6		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.5		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	17.7		0.16	0.50	1.00	ug/L
71-43-2	Benzene	20.5		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	20.1		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.0		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	20.6		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.68	2.50	5.00	ug/L
108-88-3	Toluene	20.3		0.14	0.50	1.00	ug/L

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0925WBS02	SDG No.:	Q3128
Lab Sample ID:	VX0925WBS02	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:	Date Analyzed	Prep Batch ID
VX047827.D	1	09/26/25 02:31	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.5		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.7		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.6		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	21.5		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	22.5		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	20.2		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	19.8		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	19.0		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	39.4		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	19.5		0.12	0.50	1.00	ug/L
100-42-5	Styrene	19.7		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	20.8		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	18.5		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.2		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.5		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.0		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.5		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.1		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.0		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.5		81 - 118		107%	SPK: 50
1868-53-7	Dibromofluoromethane	54.5		80 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	53.6		89 - 112		107%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		85 - 114		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	144000	5.538				
540-36-3	1,4-Difluorobenzene	265000	6.745				
3114-55-4	Chlorobenzene-d5	244000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	122000	12.006				

Raw Data: **VX047827.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	
Client Sample ID:	VX0925WBS02	SDG No.:	Q3128
Lab Sample ID:	VX0925WBS02	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:	Date Analyzed	Prep Batch ID
VX047827.D	1	09/26/25 02:31	VX092525

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\VX092525\
Data File : VX047827.D
Acq On : 26 Sep 2025 02:31
Operator : JC/MD
Sample : VX0925WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 26 03:57:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	143765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	265116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	122463	53.515	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.040%			
35) Dibromofluoromethane	5.373	113	96958	54.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.060%			
50) Toluene-d8	8.635	98	329938	53.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.260%			
62) 4-Bromofluorobenzene	11.061	95	127538	54.622	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	32194	21.625	ug/l	98
3) Chloromethane	1.301	50	40619	20.760	ug/l	98
4) Vinyl Chloride	1.380	62	39535	20.642	ug/l	97
5) Bromomethane	1.618	94	24497	20.170	ug/l	99
6) Chloroethane	1.697	64	26384	20.611	ug/l	99
7) Trichlorofluoromethane	1.898	101	57053	20.062	ug/l	99
8) Diethyl Ether	2.136	74	24129	20.742	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	32821	19.738	ug/l	99
10) Methyl Iodide	2.453	142	41232	15.899	ug/l	99
11) Tert butyl alcohol	2.941	59	27823	109.168	ug/l	99
12) 1,1-Dichloroethene	2.325	96	35111	20.556	ug/l	94
13) Acrolein	2.240	56	21441	91.292	ug/l	95
14) Allyl chloride	2.666	41	65666	18.630	ug/l	97
15) Acrylonitrile	3.056	53	111568	118.182	ug/l	99
16) Acetone	2.374	43	92499	92.964	ug/l	98
17) Carbon Disulfide	2.514	76	92622	19.808	ug/l	99
18) Methyl Acetate	2.703	43	54785	24.741	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	130465	20.924	ug/l	98
20) Methylene Chloride	2.788	84	45408	21.560	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	38217	20.782	ug/l	100
22) Diisopropyl ether	3.751	45	145245	21.263	ug/l	85
23) Vinyl Acetate	3.715	43	571336	104.505	ug/l	97
24) 1,1-Dichloroethane	3.605	63	76371	21.035	ug/l	98
25) 2-Butanone	4.544	43	139709	112.566	ug/l	97
26) 2,2-Dichloropropane	4.465	77	37468	12.415	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	47411	21.052	ug/l	93
28) Bromochloromethane	4.891	49	32122	20.266	ug/l	98
29) Tetrahydrofuran	4.989	42	90591	121.332	ug/l	98
30) Chloroform	5.074	83	79309	21.617	ug/l	99
31) Cyclohexane	5.465	56	58277	19.272	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	63904	20.535	ug/l	99
36) 1,1-Dichloropropene	5.684	75	48788	18.778	ug/l	98
37) Ethyl Acetate	4.702	43	58192	20.919	ug/l	99
38) Carbon Tetrachloride	5.666	117	53795	19.057	ug/l	94
39) Methylcyclohexane	7.367	83	52135	17.678	ug/l	97
40) Benzene	6.025	78	161701	20.492	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047827.D
Acq On : 26 Sep 2025 02:31
Operator : JC/MD
Sample : VX0925WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 26 03:57:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	31690	22.066	ug/l		96
42) 1,2-Dichloroethane	6.074	62	59857	19.936	ug/l		96
43) Isopropyl Acetate	6.324	43	96750	21.206	ug/l		99
44) Trichloroethene	7.117	130	38306	20.079	ug/l		97
45) 1,2-Dichloropropane	7.415	63	42485	21.026	ug/l		100
46) Dibromomethane	7.568	93	31123	21.166	ug/l		97
47) Bromodichloromethane	7.806	83	62375	20.557	ug/l		99
48) Methyl methacrylate	7.678	41	45967	20.227	ug/l		96
49) 1,4-Dioxane	7.653	88	11885	517.489	ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	293135	115.883	ug/l		99
52) Toluene	8.702	92	98632	20.288	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	57154	18.467	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	61851	18.697	ug/l		97
55) 1,1,2-Trichloroethane	9.135	97	40400	21.551	ug/l		97
56) Ethyl methacrylate	9.104	69	61448	20.872	ug/l		98
57) 1,3-Dichloropropane	9.293	76	69498	21.581	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	133073	101.652	ug/l		100
59) 2-Hexanone	9.415	43	205208	112.954	ug/l		99
60) Dibromochloromethane	9.506	129	46362	21.464	ug/l		100
61) 1,2-Dibromoethane	9.592	107	43013	22.527	ug/l		97
64) Tetrachloroethene	9.257	164	32183	20.244	ug/l		97
65) Chlorobenzene	10.061	112	109575	19.778	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	38243	20.004	ug/l		99
67) Ethyl Benzene	10.177	91	181389	18.975	ug/l		99
68) m/p-Xylenes	10.287	106	140253	39.418	ug/l		98
69) o-Xylene	10.628	106	66978	19.462	ug/l		99
70) Styrene	10.640	104	119054	19.743	ug/l		98
71) Bromoform	10.781	173	29665	20.781	ug/l	#	98
73) Isopropylbenzene	10.945	105	172097	18.509	ug/l		100
74) N-amyl acetate	10.829	43	82094	19.362	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	59528	21.161	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	45089m	18.209	ug/l		
77) Bromobenzene	11.183	156	44957	19.632	ug/l		98
78) n-propylbenzene	11.287	91	202799	18.451	ug/l		100
79) 2-Chlorotoluene	11.348	91	124673	18.519	ug/l		97
80) 1,3,5-Trimethylbenzene	11.433	105	145509	19.048	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	14706	15.145	ug/l		98
82) 4-Chlorotoluene	11.439	91	150138	18.883	ug/l		99
83) tert-Butylbenzene	11.695	119	141812	18.134	ug/l		98
84) 1,2,4-Trimethylbenzene	11.738	105	146234	18.881	ug/l		100
85) sec-Butylbenzene	11.872	105	171520	18.466	ug/l		100
86) p-Isopropyltoluene	11.994	119	144542	18.381	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	83102	19.537	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	83133	19.043	ug/l		99
89) n-Butylbenzene	12.317	91	129751	17.832	ug/l		98
90) Hexachloroethane	12.518	117	25755	18.654	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	79663	19.658	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	11086	19.465	ug/l		94
93) 1,2,4-Trichlorobenzene	13.567	180	47628	18.084	ug/l		99
94) Hexachlorobutadiene	13.707	225	15861	17.730	ug/l		100
95) Naphthalene	13.756	128	152643	19.033	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	46519	18.988	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047827.D
Acq On : 26 Sep 2025 02:31
Operator : JC/MD
Sample : VX0925WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 26 03:57:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

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\VX092525\
Data File : VX047827.D
Acq On : 26 Sep 2025 02:31
Operator : JC/MD
Sample : VX0925WBS02
Misc : 5.0mL/MSVOA_X/WATER
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Quant Time: Sep 26 03:57:13 2025
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Instrument :
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ClientSampleId :
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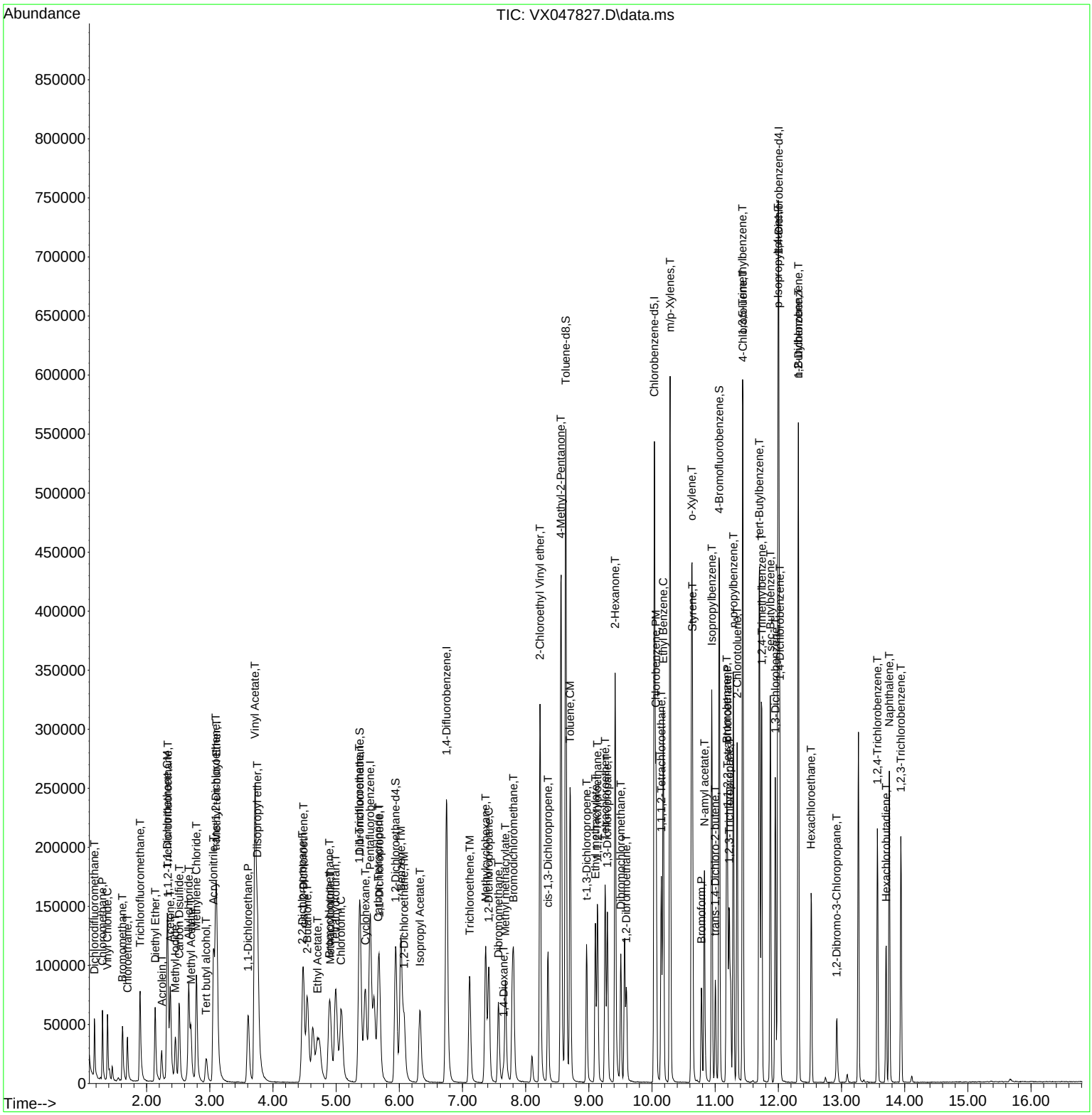
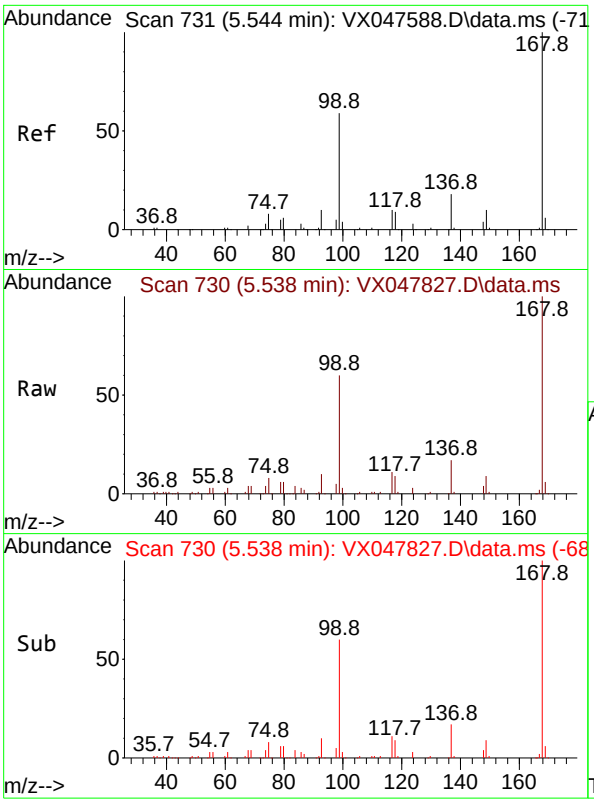
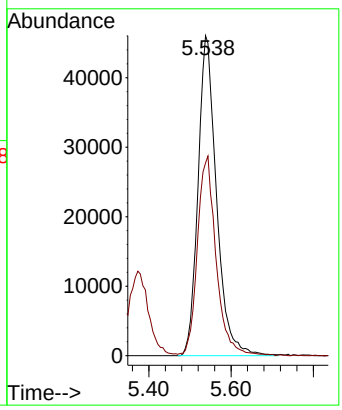




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:168 Resp: 14376

Ion	Ratio	Lower	Upper
168	100		
99	60.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations
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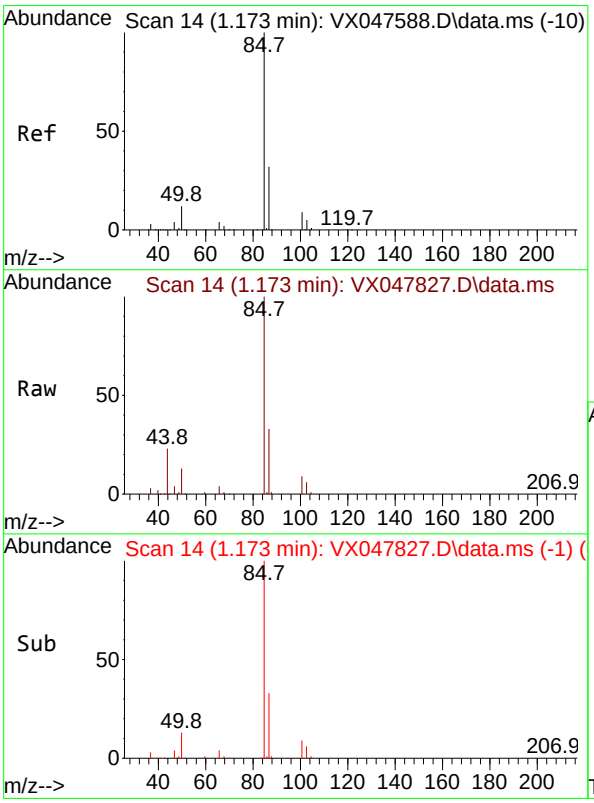
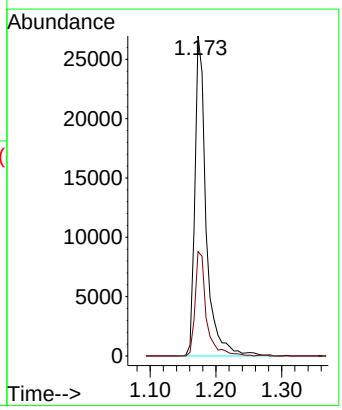
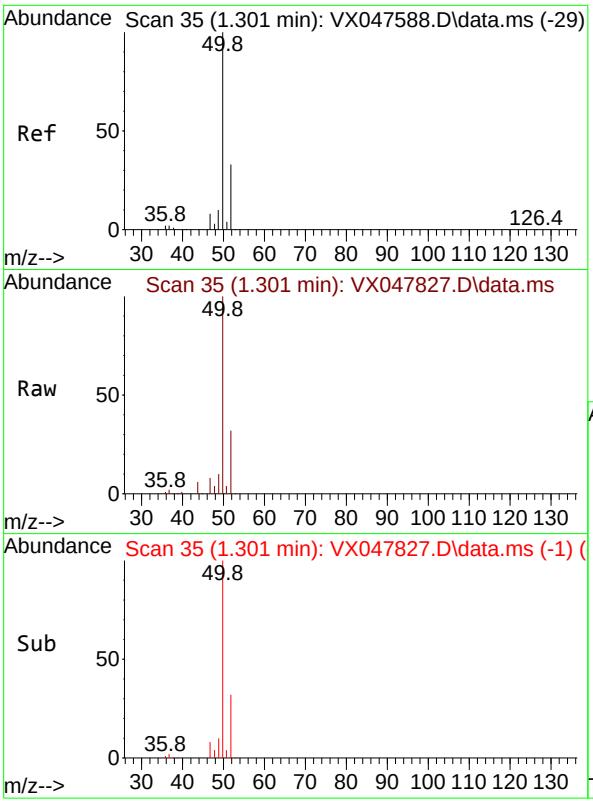


#2
Dichlorodifluoromethane
Concen: 21.625 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 85 Resp: 32194

Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.8	47.3

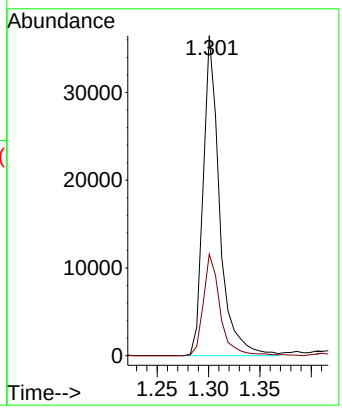




#3
Chloromethane
Concen: 20.760 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 50 Resp: 4061

Ion	Ratio	Lower	Upper
50	100		
52	31.7	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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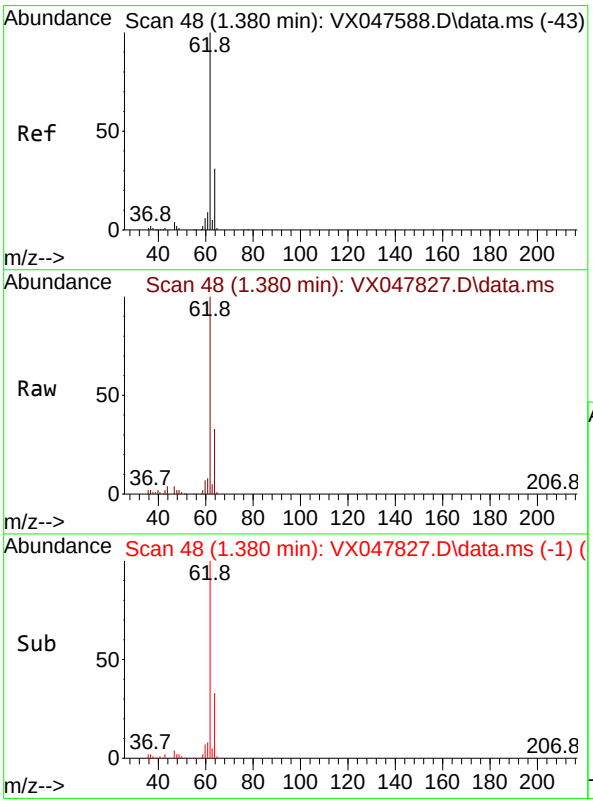
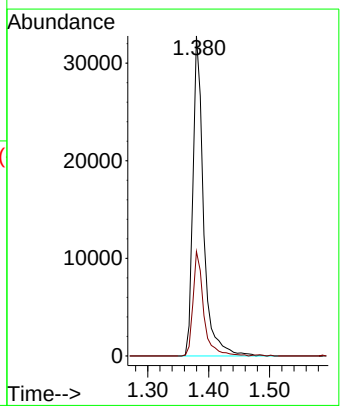
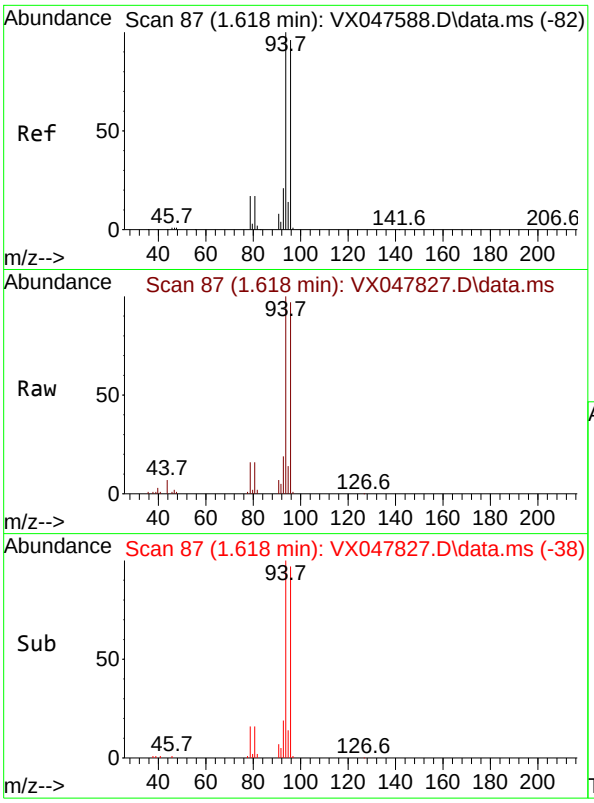


#4
Vinyl Chloride
Concen: 20.642 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 62 Resp: 39535

Ion	Ratio	Lower	Upper
62	100		
64	32.7	24.9	37.3

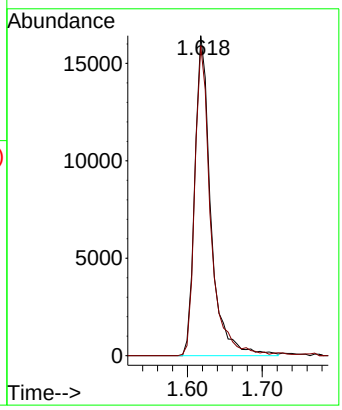




#5
Bromomethane
Concen: 20.170 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 94 Resp: 2449

Ion	Ratio	Lower	Upper
94	100		
96	96.8	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations
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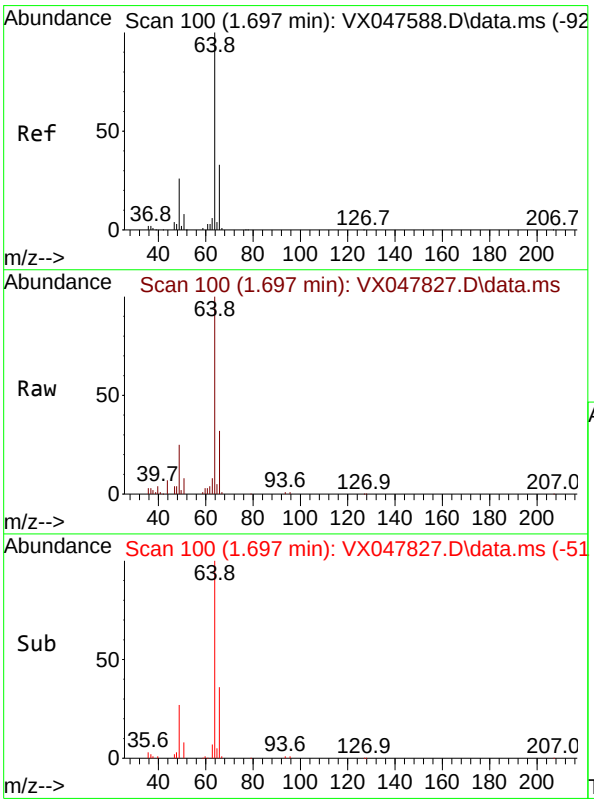
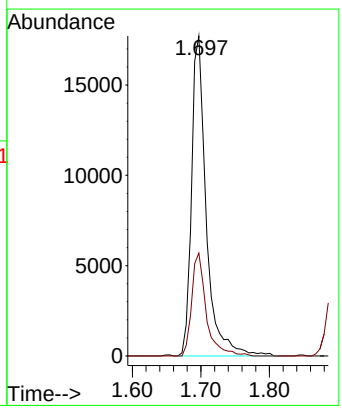
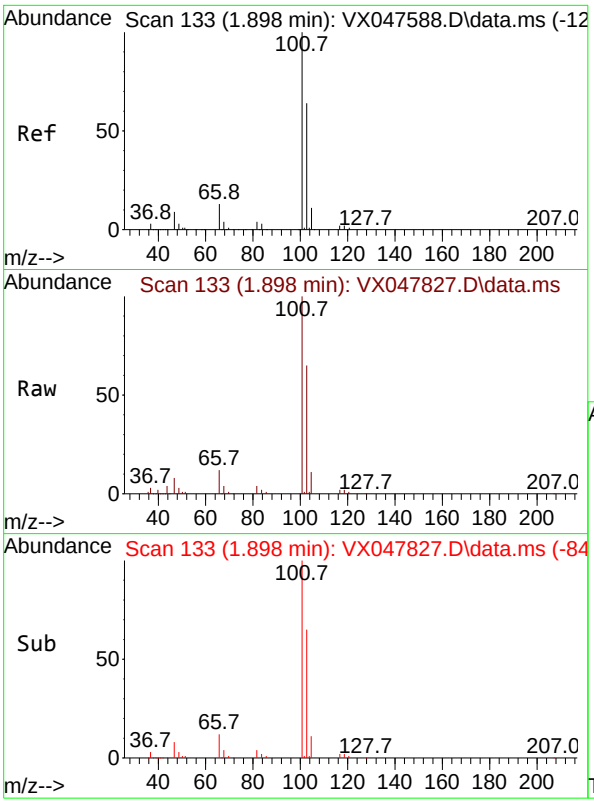


#6
Chloroethane
Concen: 20.611 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 64 Resp: 26384

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.1	39.1





#7
Trichlorofluoromethane
Concen: 20.062 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:101 Resp: 5705

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations
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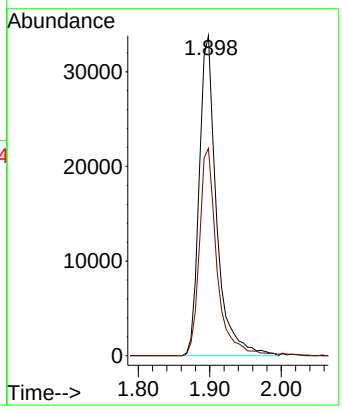
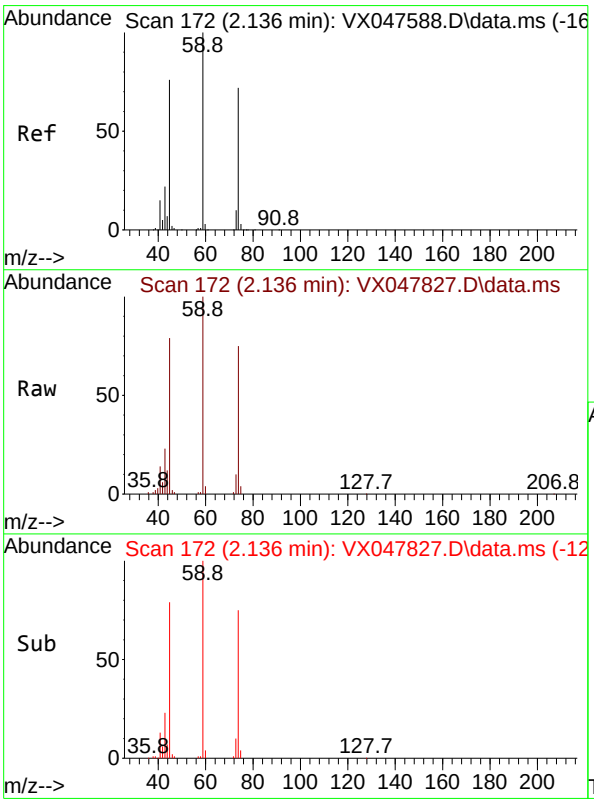
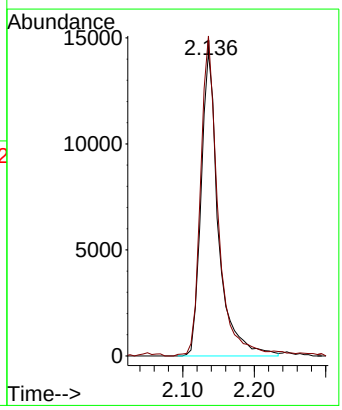


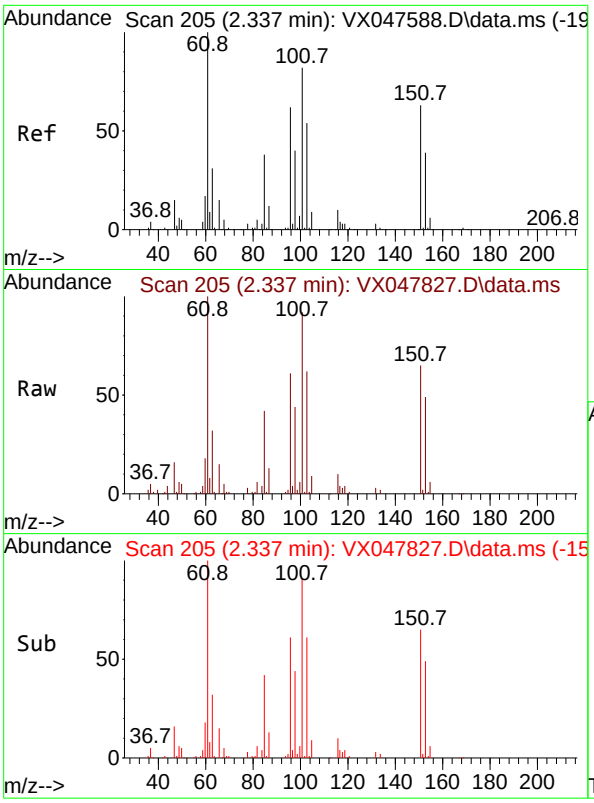


#8
Diethyl Ether
Concen: 20.742 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 74 Resp: 24129

Ion	Ratio	Lower	Upper
74	100		
45	105.6	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.738 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:101 Resp: 3282

Ion	Ratio	Lower	Upper
101	100		
85	46.1	35.5	53.3
151	74.6	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations
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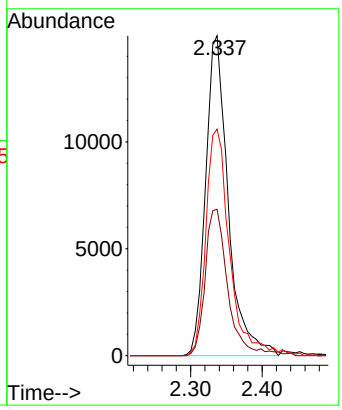
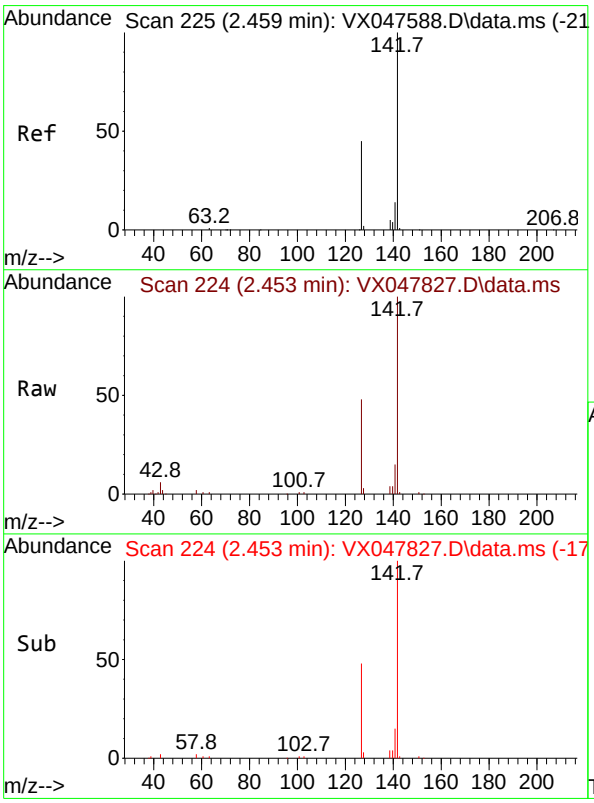
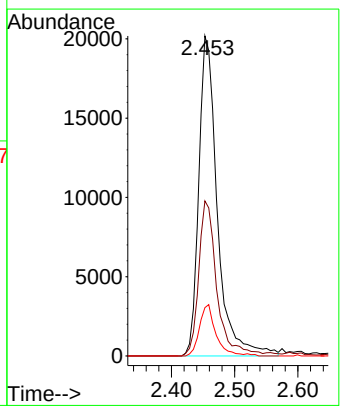


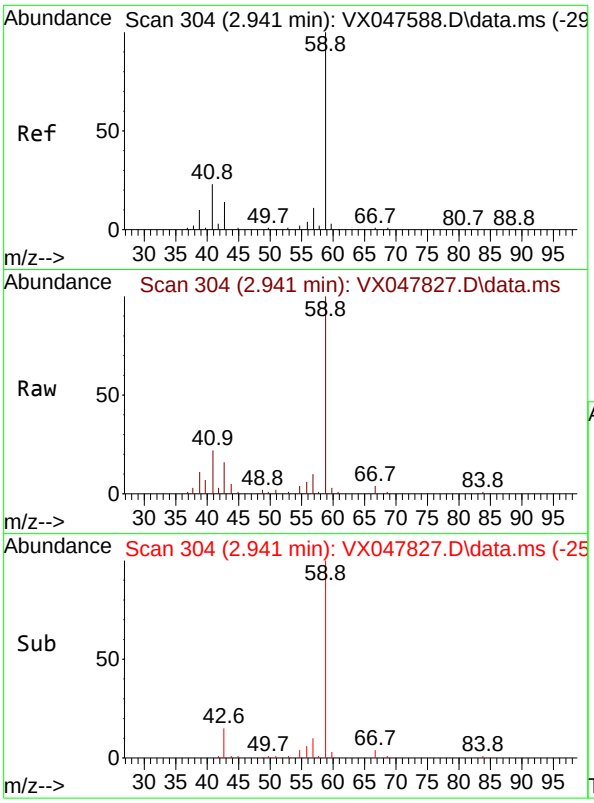


#10
Methyl Iodide
Concen: 15.899 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:142 Resp: 41232

Ion	Ratio	Lower	Upper
142	100		
127	47.2	37.2	55.8
141	14.3	11.4	17.0

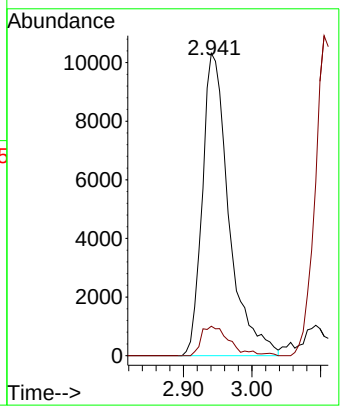




#11
Tert butyl alcohol
Concen: 109.168 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 59 Resp: 2782

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations
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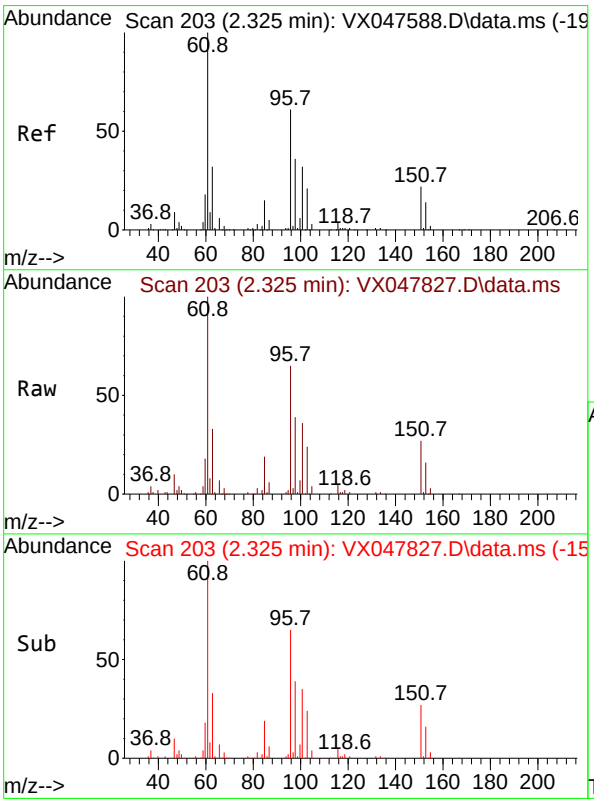
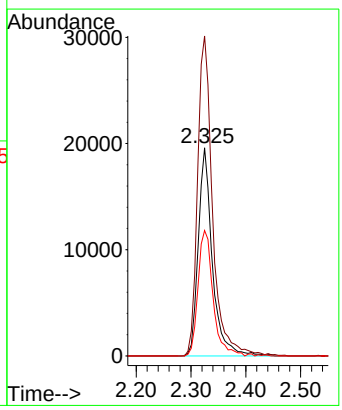
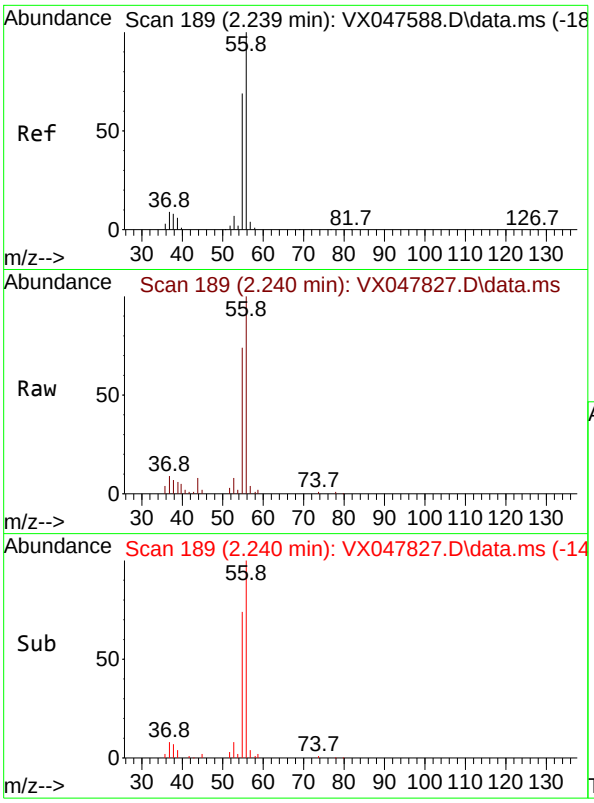


#12
1,1-Dichloroethene
Concen: 20.556 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 96 Resp: 35111

Ion	Ratio	Lower	Upper
96	100		
61	153.7	131.0	196.6
98	60.3	47.7	71.5





#13
Acrolein
Concen: 91.292 ug/l
RT: 2.240 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 56 Resp: 2144

Ion	Ratio	Lower	Upper
56	100		
55	67.4	57.2	85.8

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations
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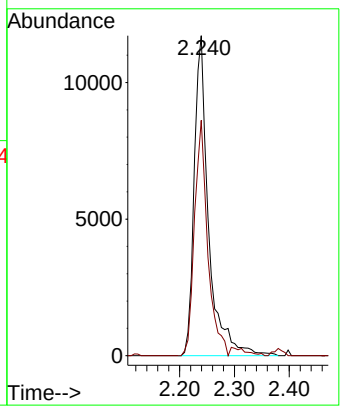
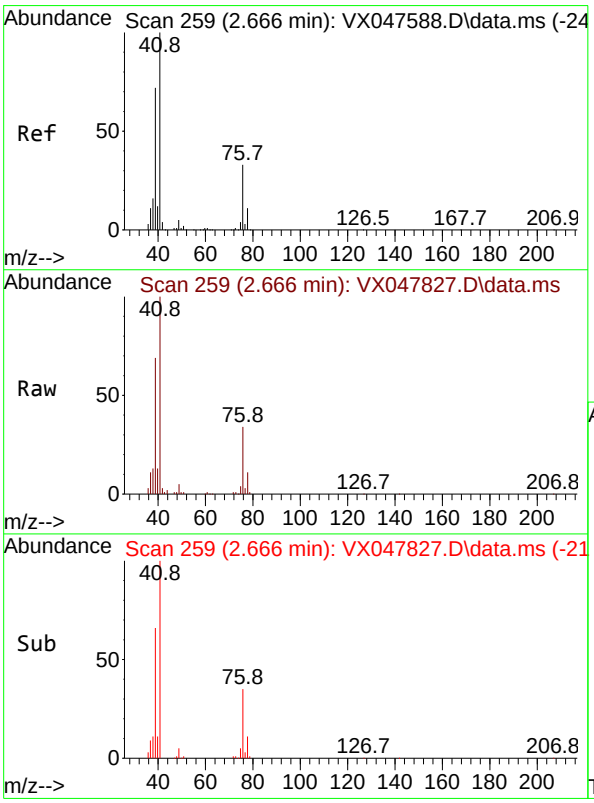
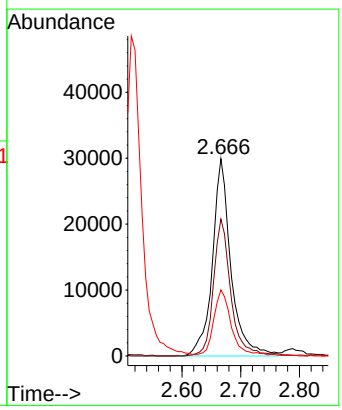


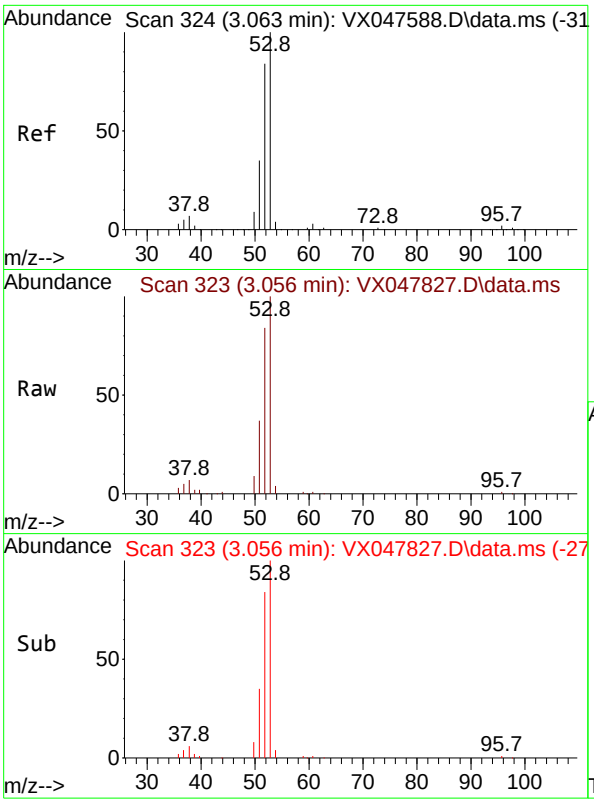


#14
Allyl chloride
Concen: 18.630 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 41 Resp: 65666

Ion	Ratio	Lower	Upper
41	100		
39	65.5	54.7	82.1
76	32.3	25.7	38.5

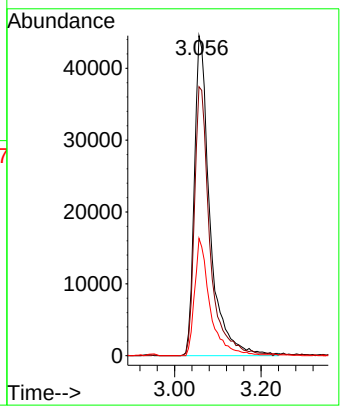




#15
Acrylonitrile
Concen: 118.182 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 53 Resp: 11156

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.4	99.6
51	36.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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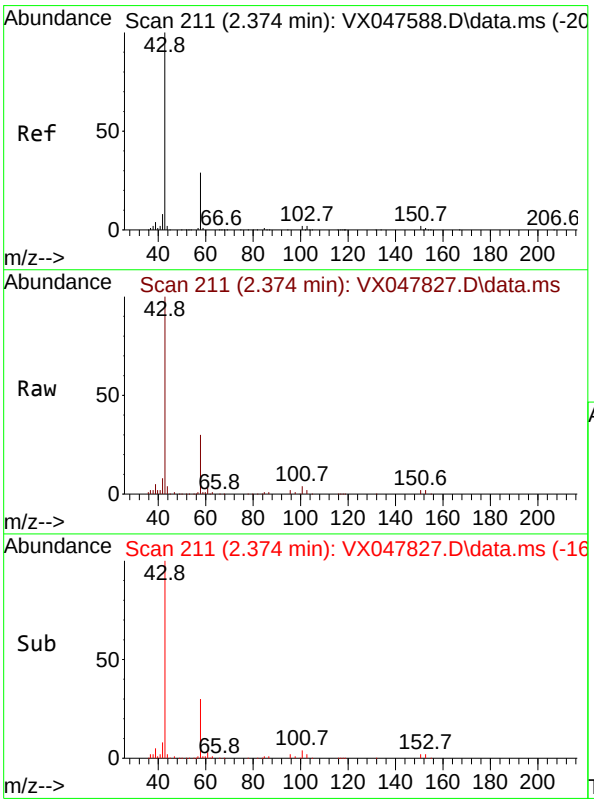
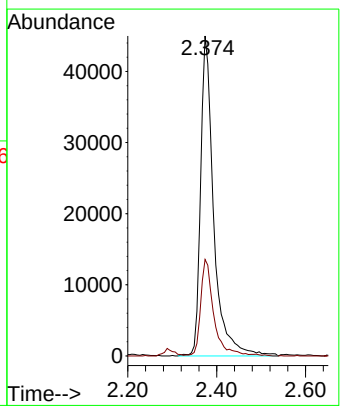
Supervised By :Mahesh Dadoda 09/29/2025

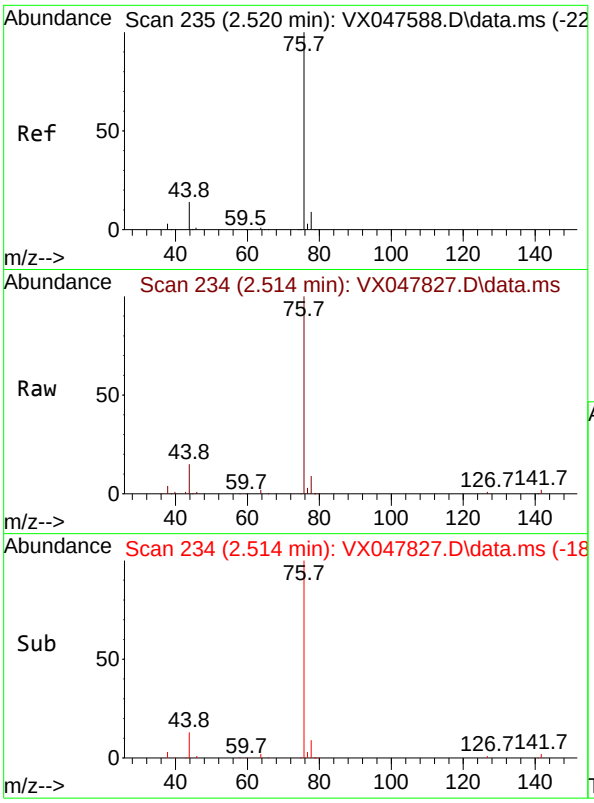


#16
Acetone
Concen: 92.964 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 43 Resp: 92499

Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.4	35.0

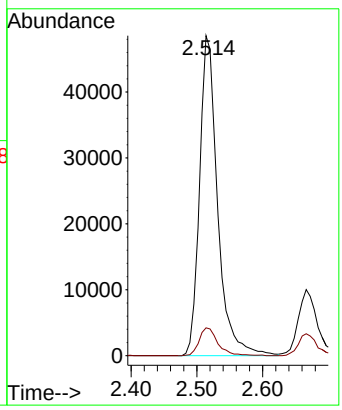




#17
Carbon Disulfide
Concen: 19.808 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 76 Resp: 9262

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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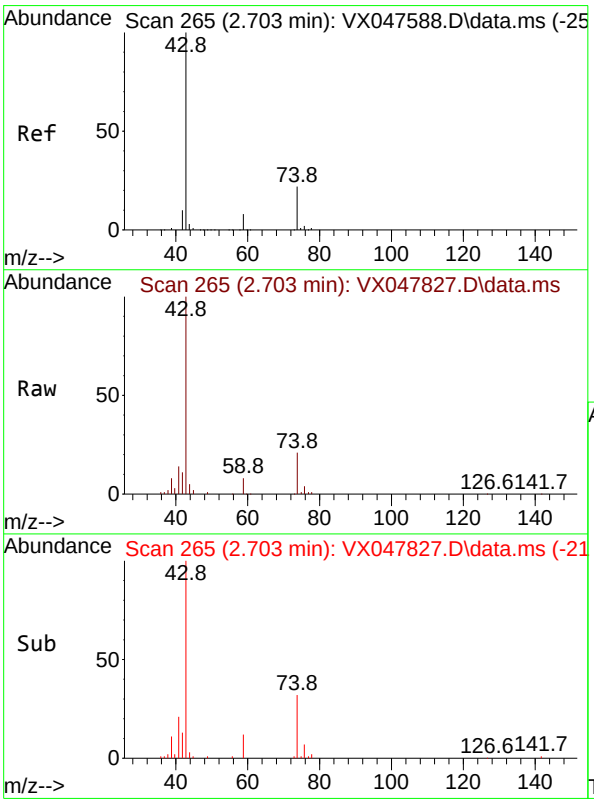
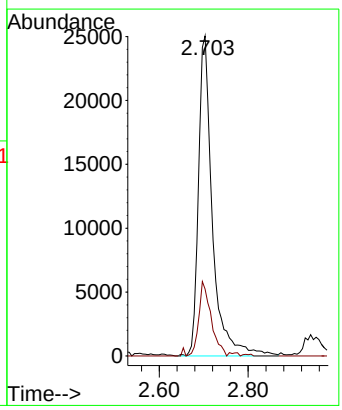
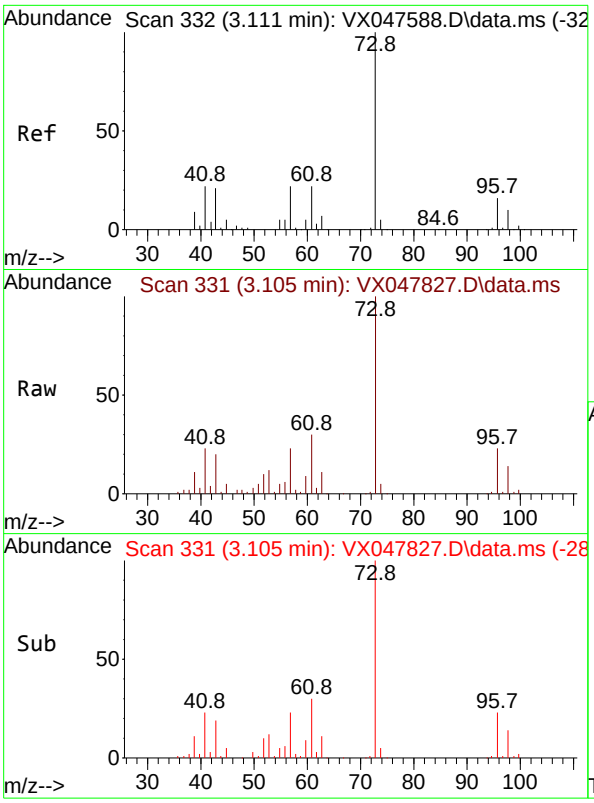


#18
Methyl Acetate
Concen: 24.741 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 43 Resp: 54785

Ion	Ratio	Lower	Upper
43	100		
74	20.4	17.4	26.2





#19
Methyl tert-butyl Ether
Concen: 20.924 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 73 Resp: 13046

Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.4	26.2

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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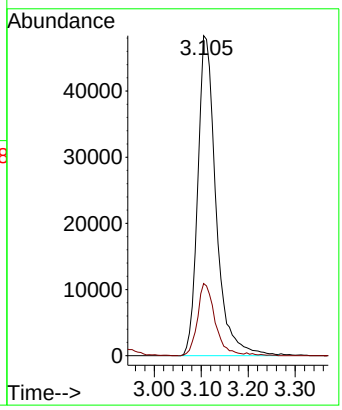
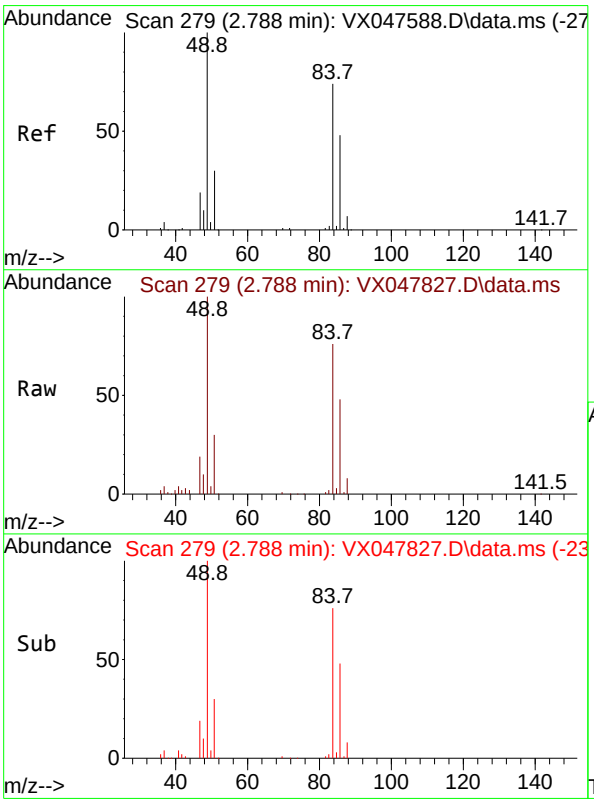
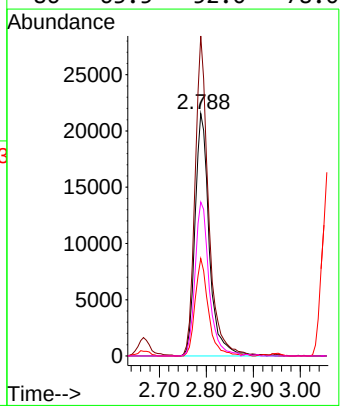


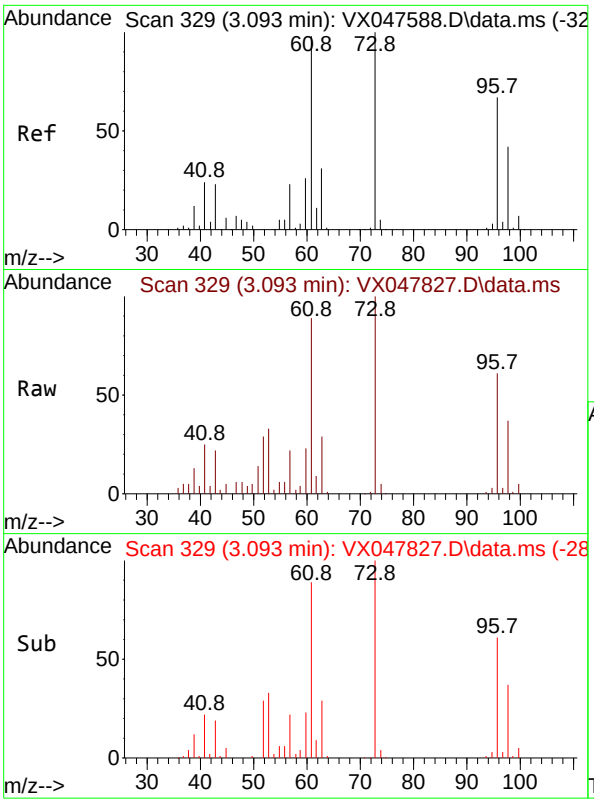


#20
Methylene Chloride
Concen: 21.560 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 84 Resp: 45408

Ion	Ratio	Lower	Upper
84	100		
49	132.0	108.6	162.8
51	40.2	32.6	48.8
86	63.5	52.0	78.0

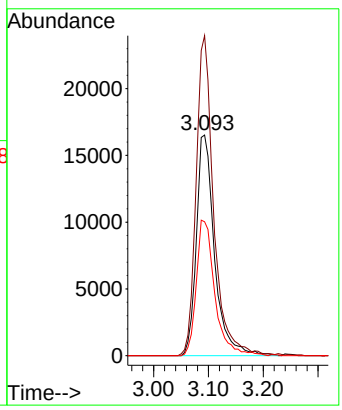




#21
trans-1,2-Dichloroethene
Concen: 20.782 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 96 Resp: 3821

Ion	Ratio	Lower	Upper
96	100		
61	145.0	116.2	174.2
98	62.5	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
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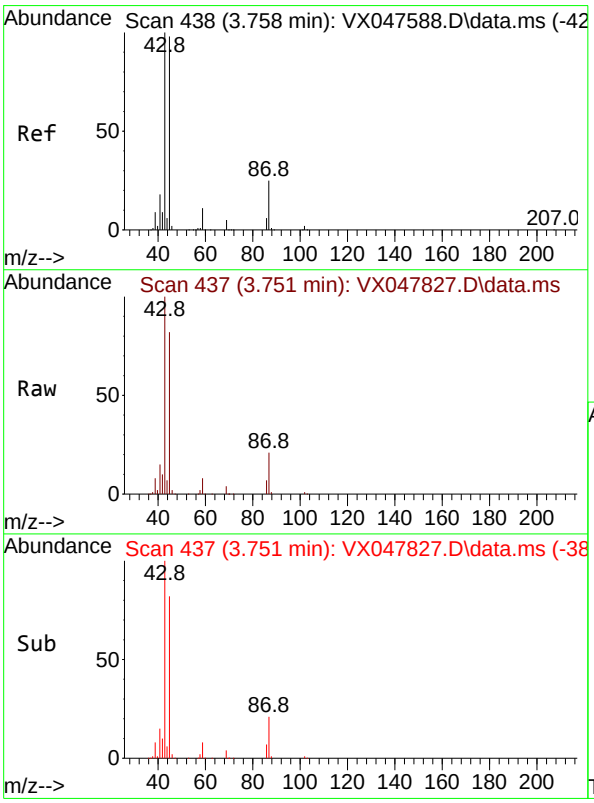
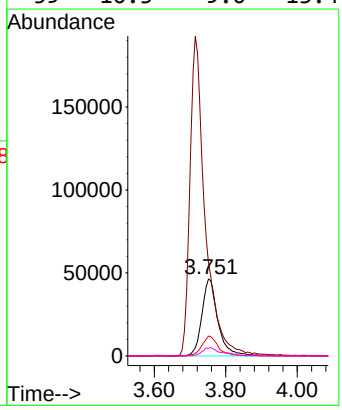
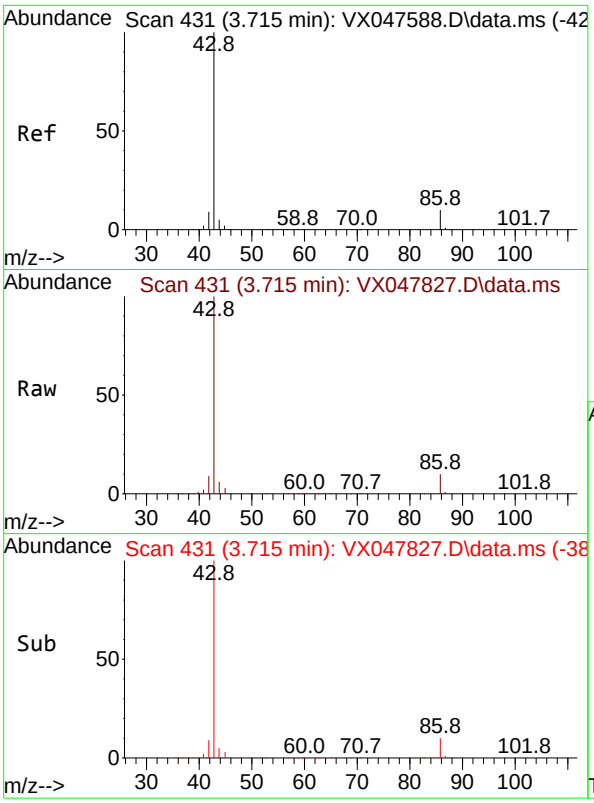


#22
Diisopropyl ether
Concen: 21.263 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 45 Resp: 145245

Ion	Ratio	Lower	Upper
45	100		
43	121.4	81.0	121.4
87	25.9	20.3	30.5
59	10.3	9.0	13.4





#23
Vinyl Acetate
Concen: 104.505 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 43 Resp: 57133

Ion	Ratio	Lower	Upper
43	100		
86	10.9	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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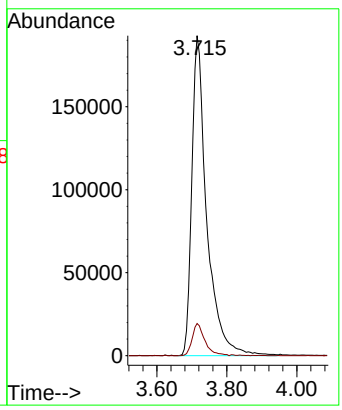
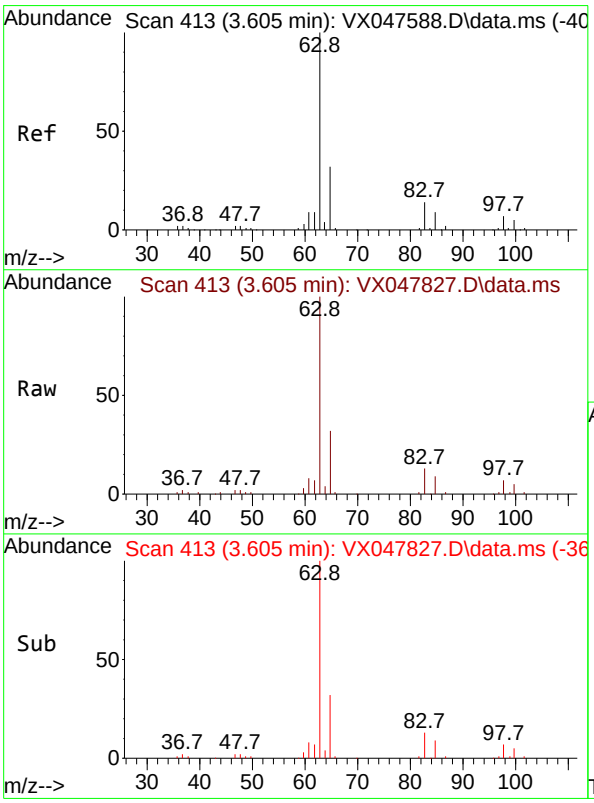
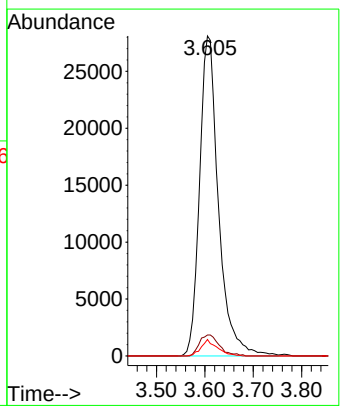


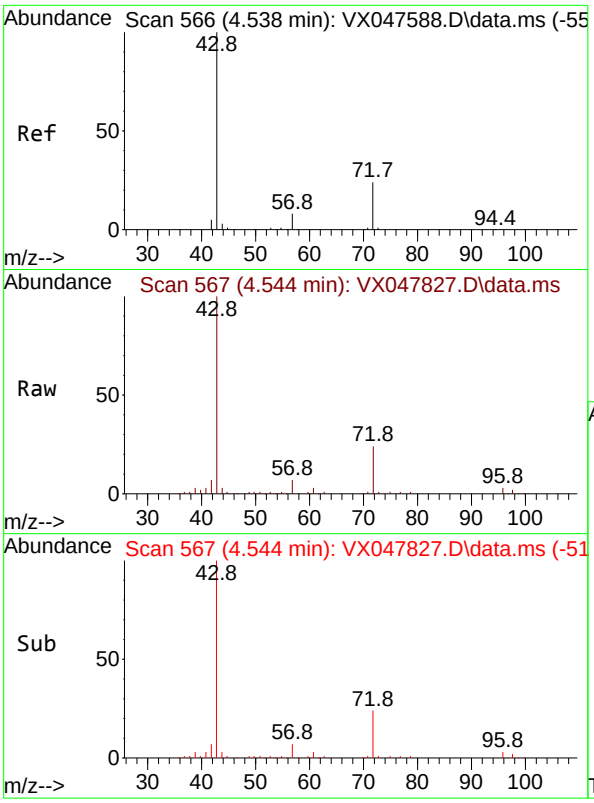


#24
1,1-Dichloroethane
Concen: 21.035 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 63 Resp: 76371

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.8	11.2
100	5.2	2.3	6.9





#25
2-Butanone
Concen: 112.566 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 43 Resp: 13970

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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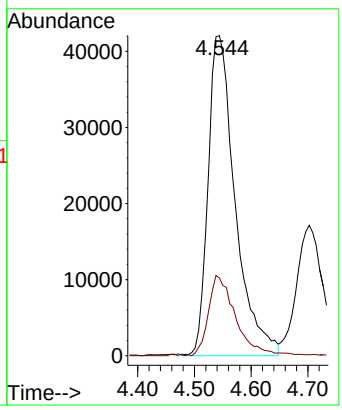
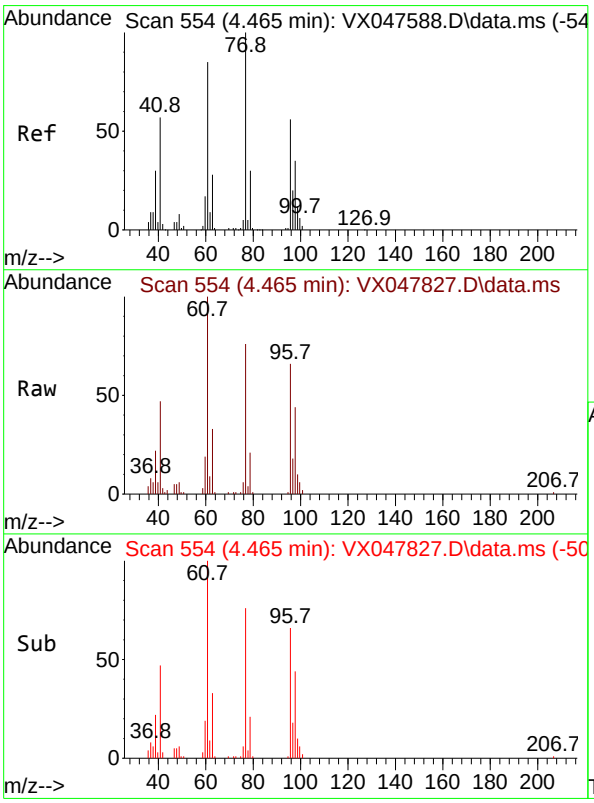
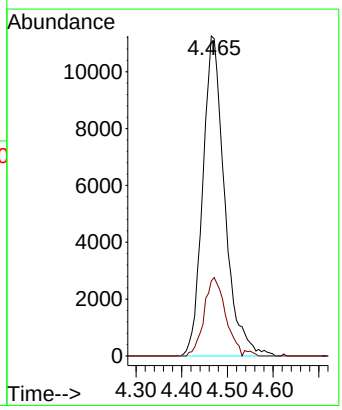


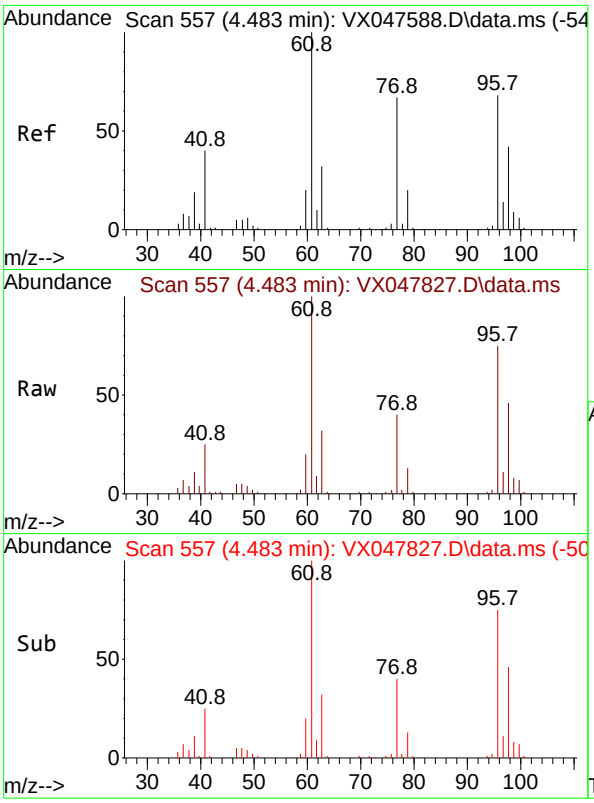


#26
2,2-Dichloropropane
Concen: 12.415 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 77 Resp: 37468

Ion	Ratio	Lower	Upper
77	100		
97	23.9	10.9	32.7

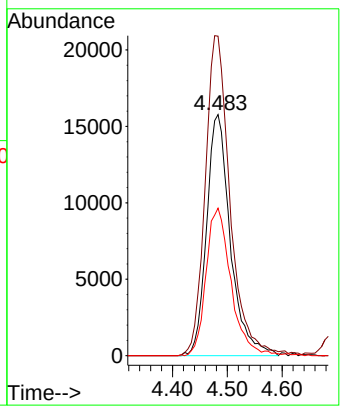




#27
cis-1,2-Dichloroethene
Concen: 21.052 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 96 Resp: 4741

Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	303.2
98	64.1	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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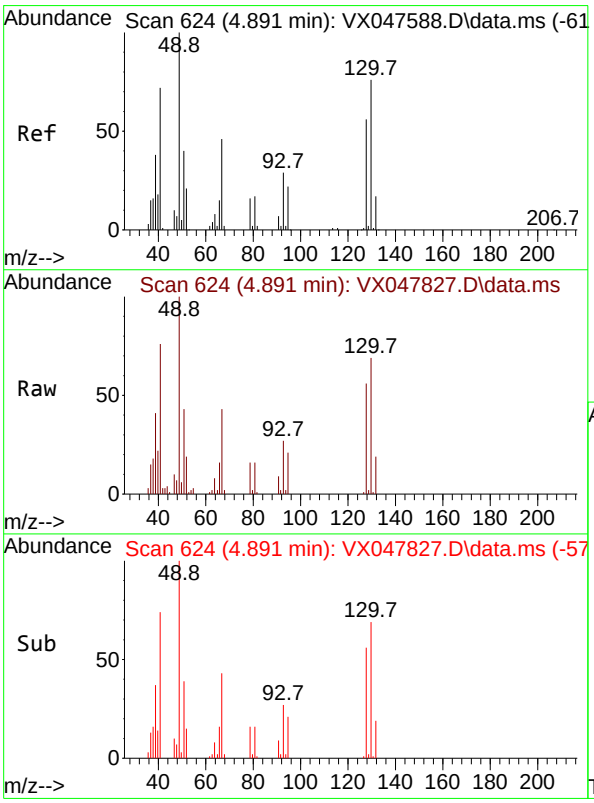
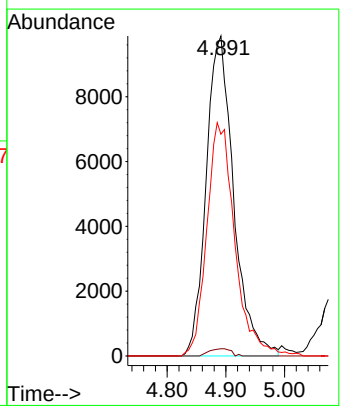
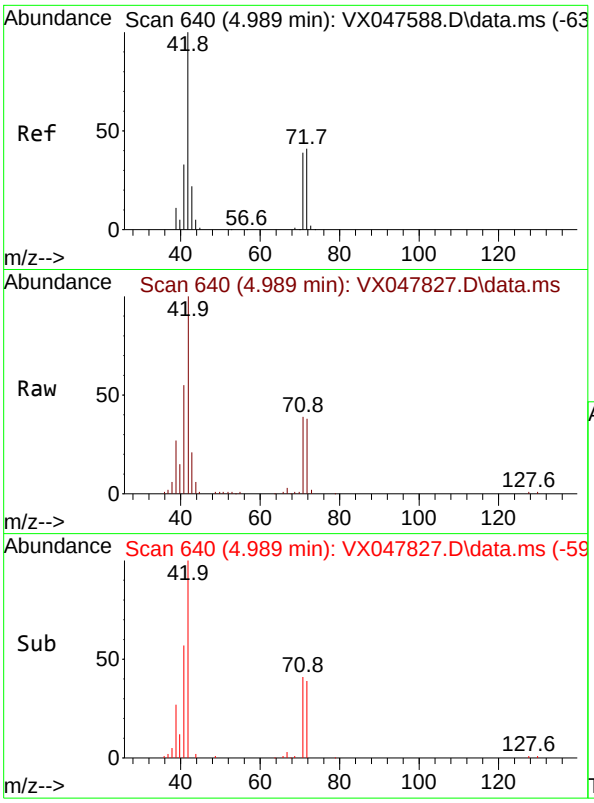


#28
Bromochloromethane
Concen: 20.266 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 49 Resp: 32122

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	74.3	57.8	86.8





#29
Tetrahydrofuran
Concen: 121.332 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 42 Resp: 9059

Ion	Ratio	Lower	Upper
42	100		
72	41.7	34.2	51.2
71	38.1	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
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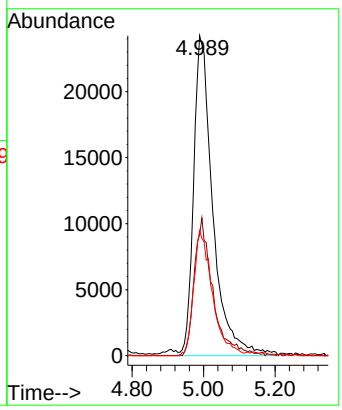
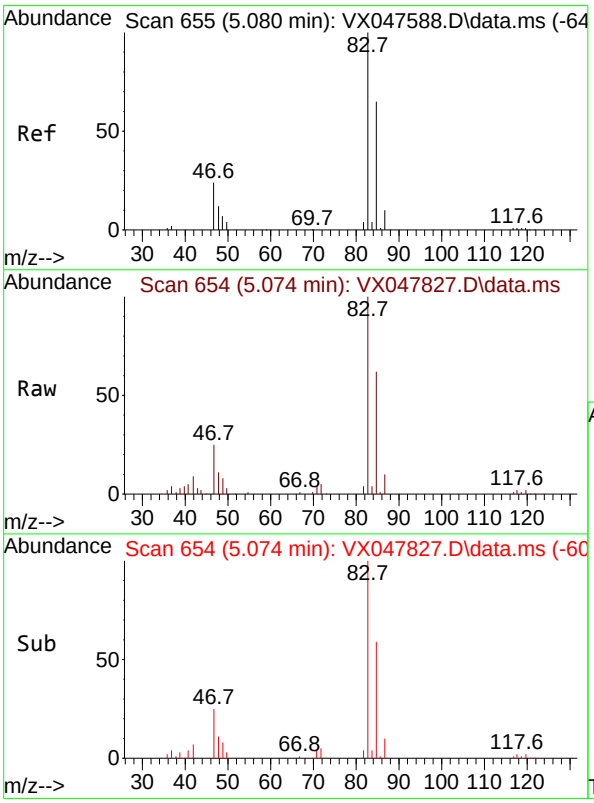
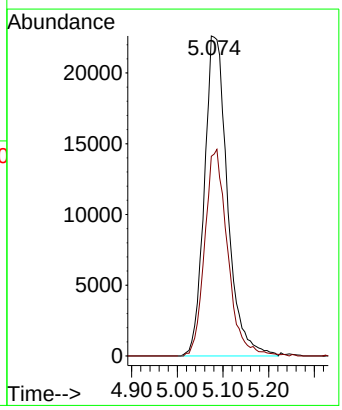


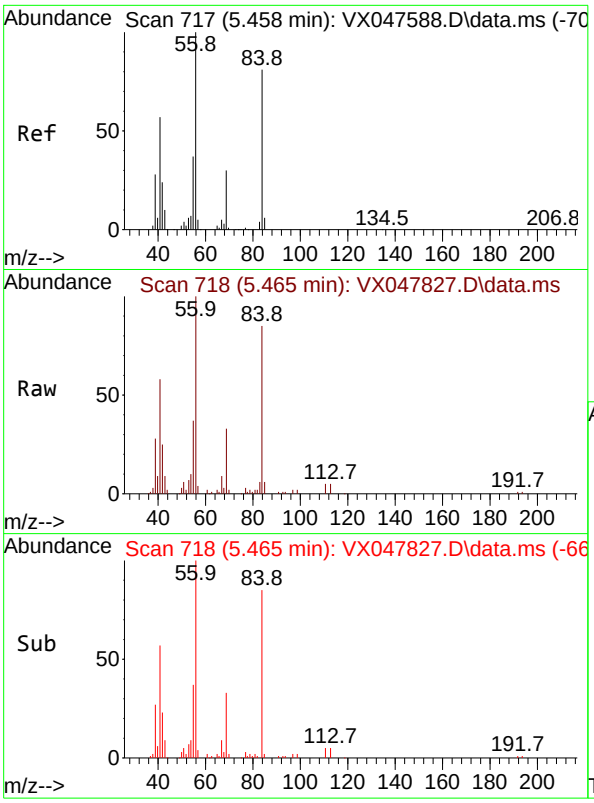


#30
Chloroform
Concen: 21.617 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 83 Resp: 79309

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.6

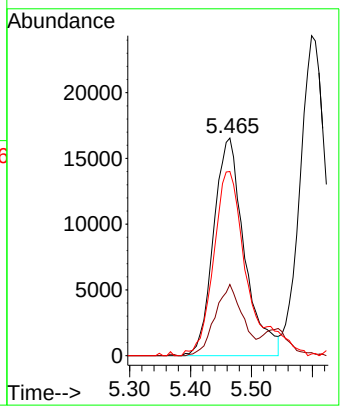




#31
Cyclohexane
Concen: 19.272 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 56 Resp: 5827

Ion	Ratio	Lower	Upper
56	100		
69	32.3	23.8	35.8
84	84.6	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
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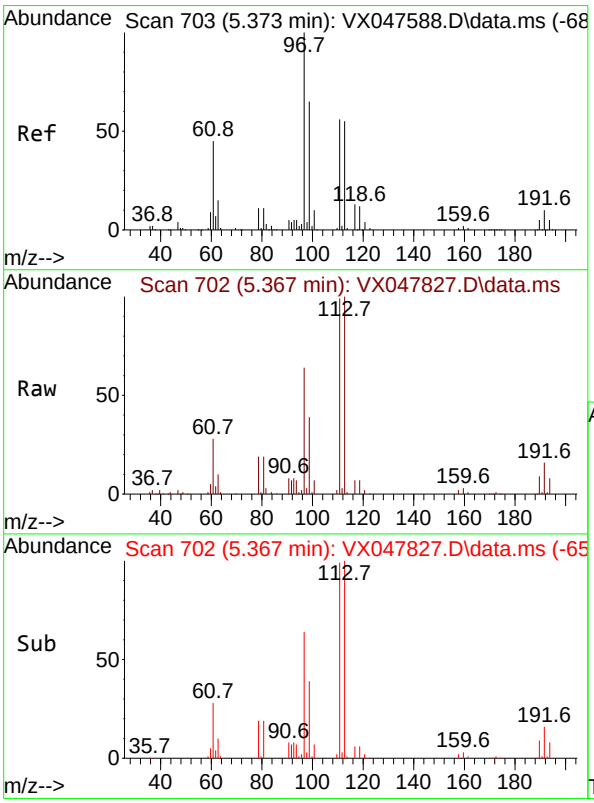
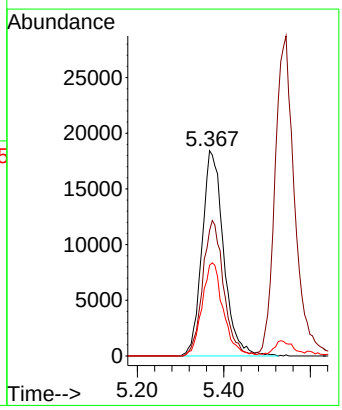
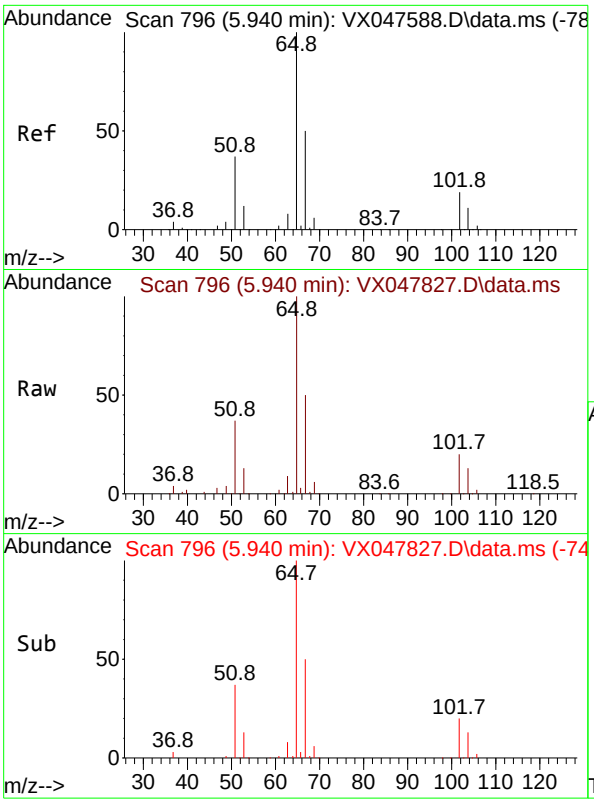


#32
1,1,1-Trichloroethane
Concen: 20.535 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 97 Resp: 63904

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	76.0
61	44.5	35.8	53.8





#33
1,2-Dichloroethane-d4
Concen: 53.515 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

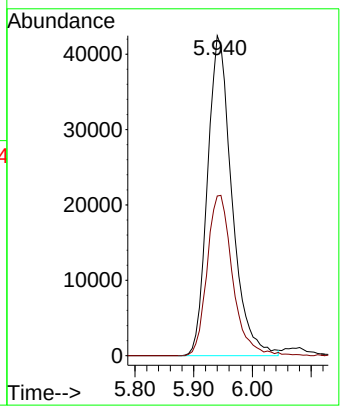
Tgt Ion: 65 Resp: 12246

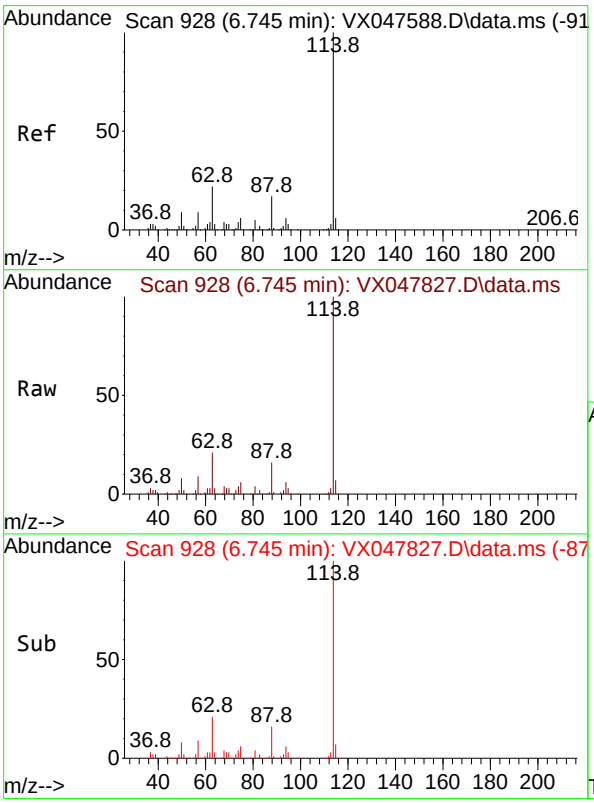
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.0

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

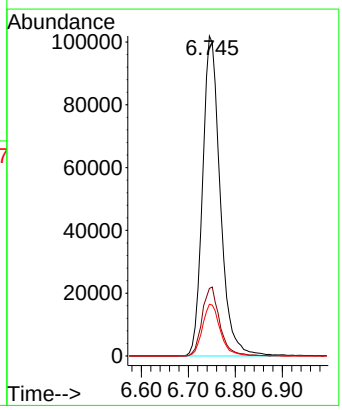


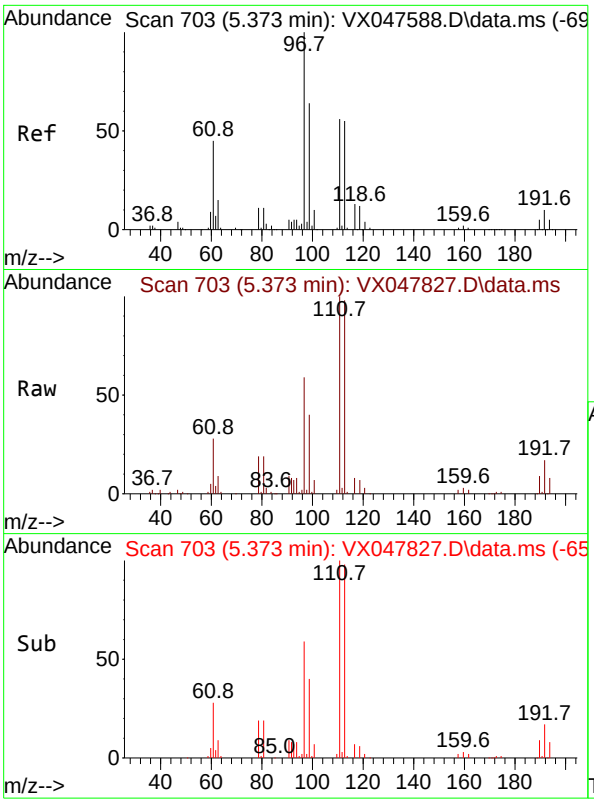


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:114 Resp: 265116

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	16.1	0.0	34.2

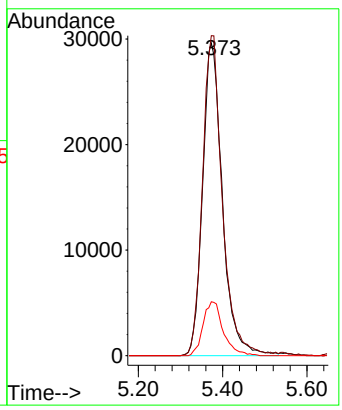




#35
Dibromofluoromethane
Concen: 54.532 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:113 Resp: 9695

Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.9	121.3
192	17.6	14.2	21.4



Instrument :
MSVOA_X
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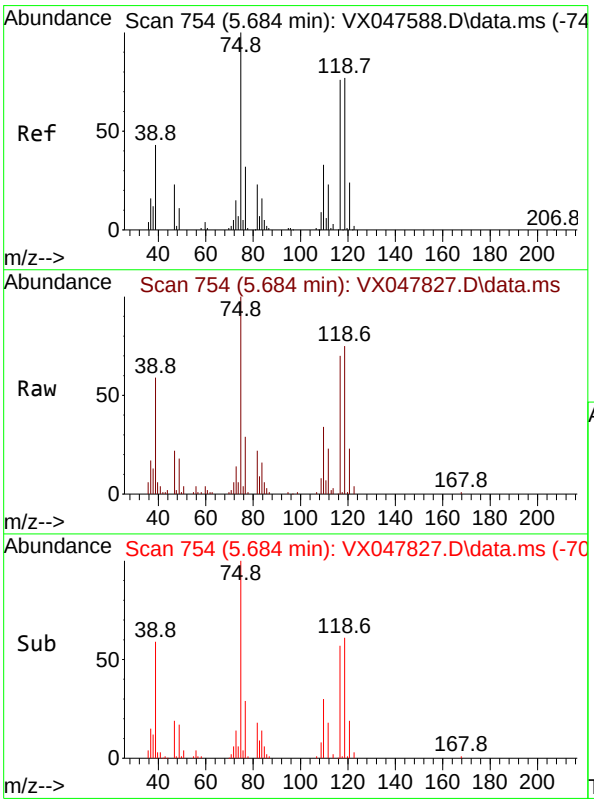
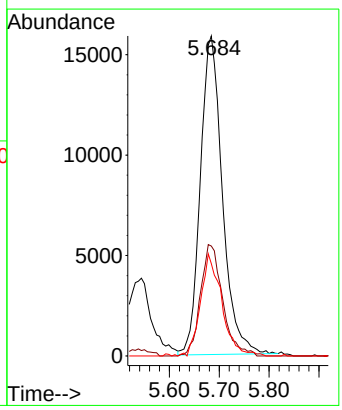
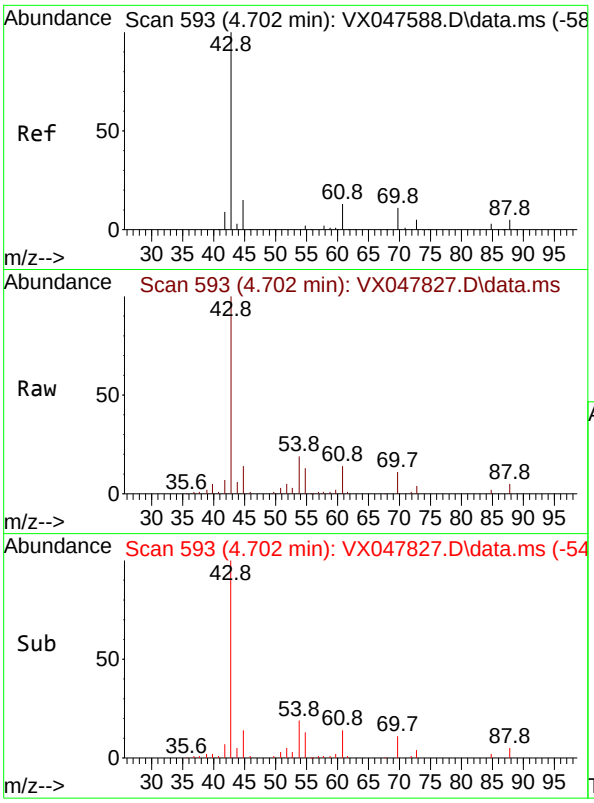


#36
1,1-Dichloropropene
Concen: 18.778 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 75 Resp: 48788

Ion	Ratio	Lower	Upper
75	100		
110	35.1	16.7	50.1
77	30.9	24.3	36.5

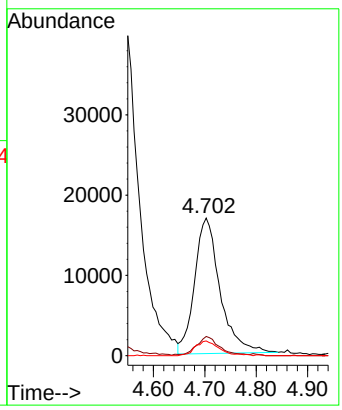




#37
Ethyl Acetate
Concen: 20.919 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 43 Resp: 5819

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	10.2	7.9	11.9



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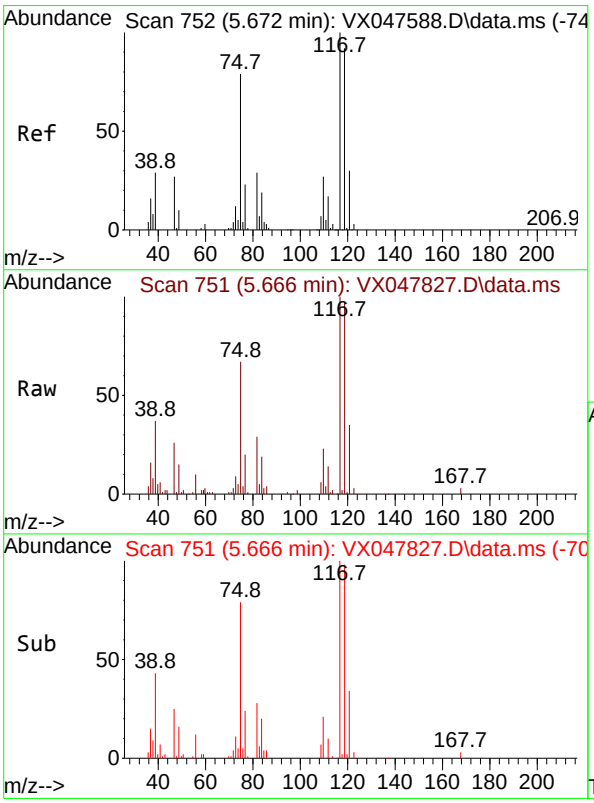
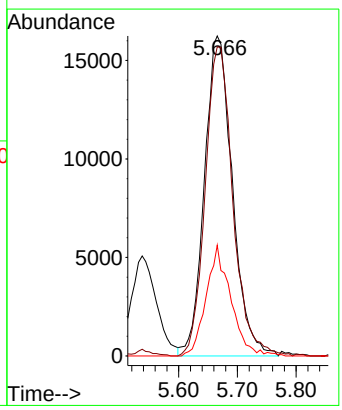
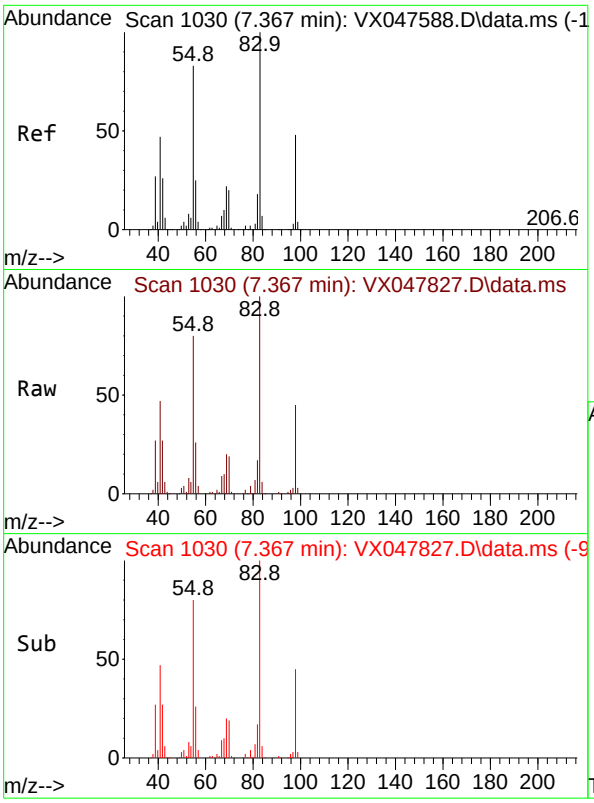


#38
Carbon Tetrachloride
Concen: 19.057 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:117 Resp: 53795

Ion	Ratio	Lower	Upper
117	100		
119	96.6	73.4	110.2
121	34.6	23.8	35.6





#39
Methylcyclohexane
Concen: 17.678 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 83 Resp: 5213

Ion	Ratio	Lower	Upper
83	100		
55	80.2	66.4	99.6
98	45.3	38.1	57.1

Instrument :
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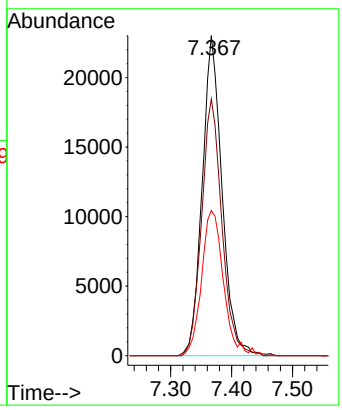
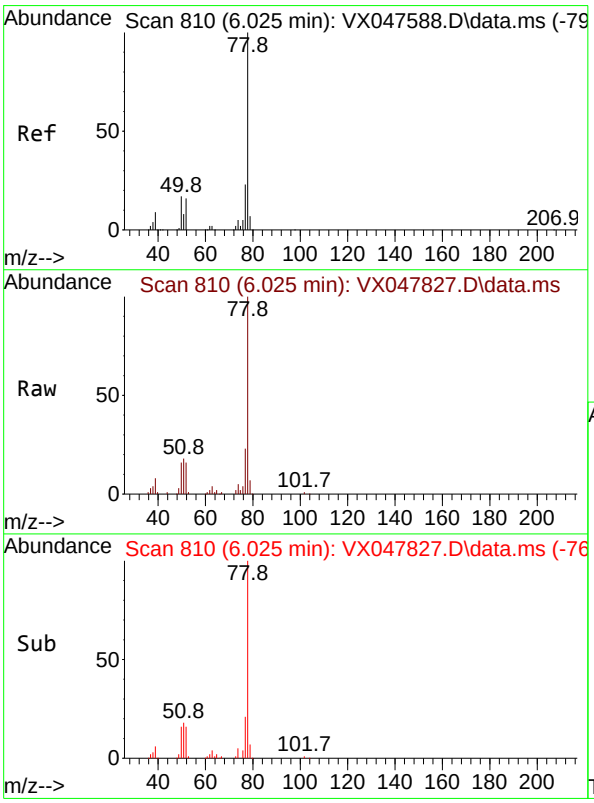
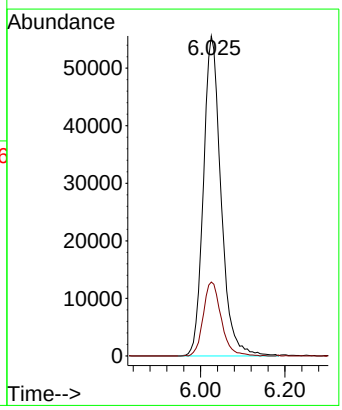


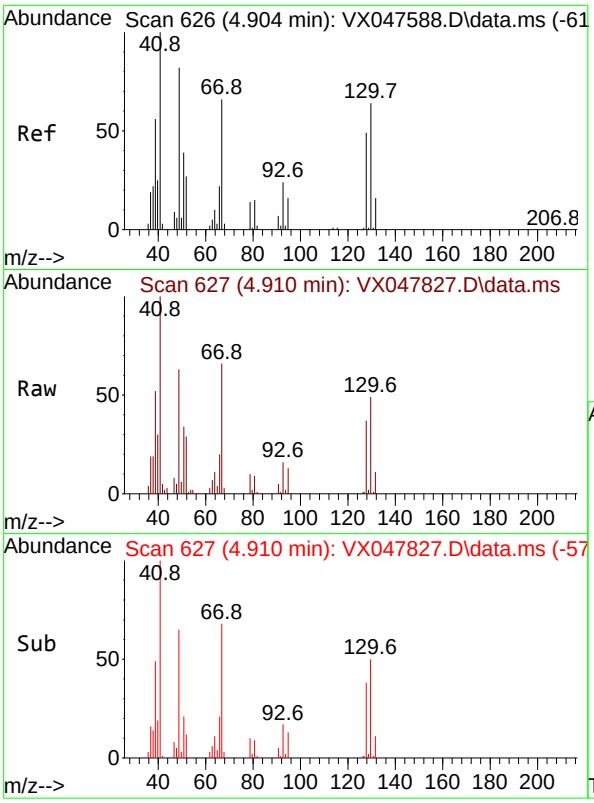


#40
Benzene
Concen: 20.492 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 78 Resp: 161701

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2

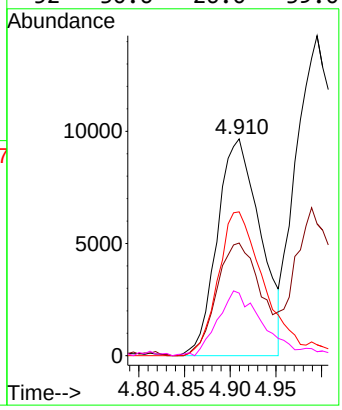




#41
Methacrylonitrile
Concen: 22.066 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 41 Resp: 3169

Ion	Ratio	Lower	Upper
41	100		
39	51.8	43.3	64.9
67	69.8	58.6	87.8
52	30.6	26.0	39.0



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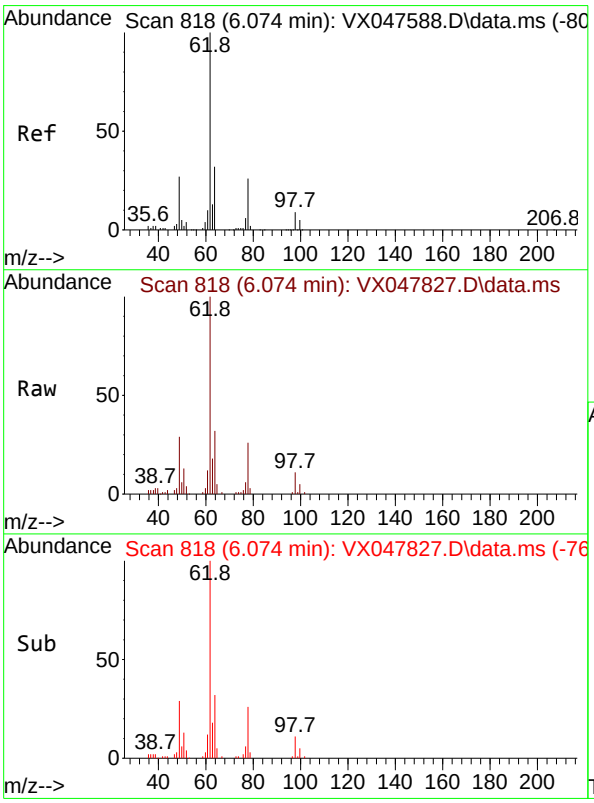
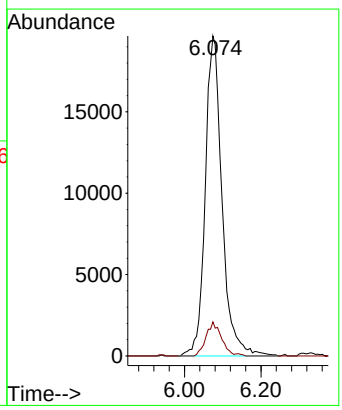
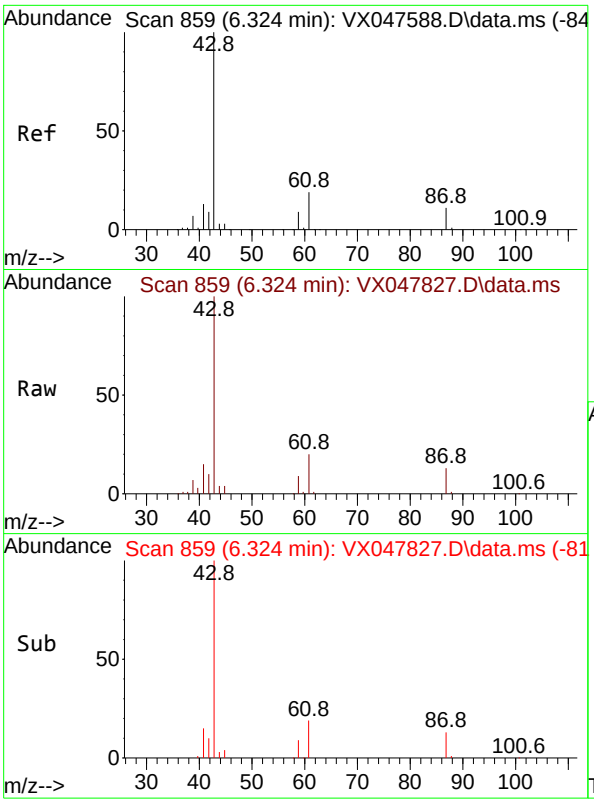


#42
1,2-Dichloroethane
Concen: 19.936 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 62 Resp: 59857

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.0

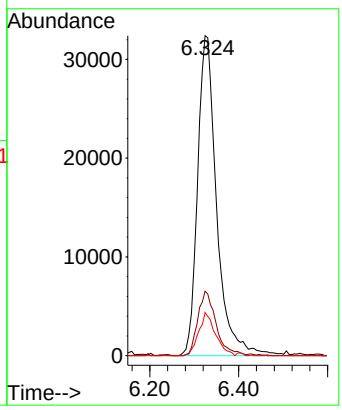




#43
Isopropyl Acetate
Concen: 21.206 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 43 Resp: 9675

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	11.8	9.6	14.4



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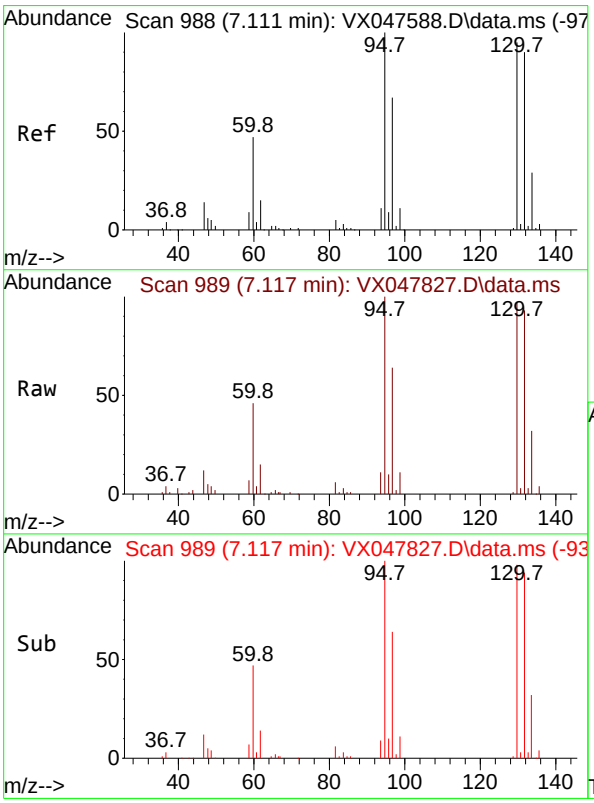
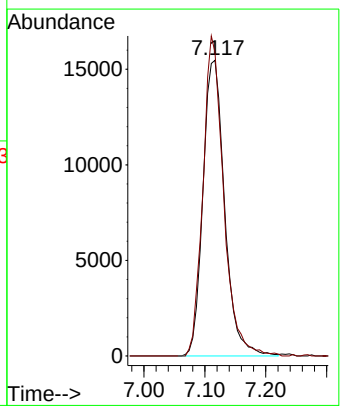
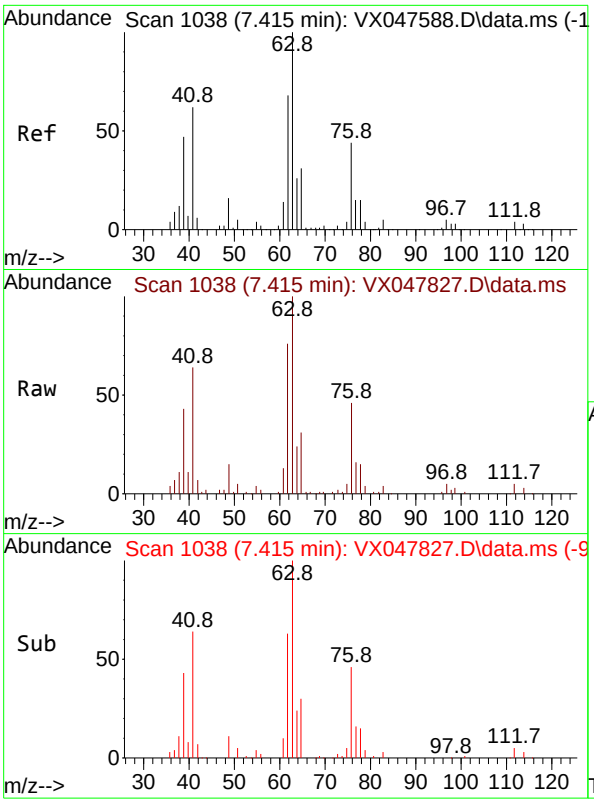


#44
Trichloroethene
Concen: 20.079 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:130 Resp: 38306

Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	210.8





#45
1,2-Dichloropropane
Concen: 21.026 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 63 Resp: 4248

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

Instrument :
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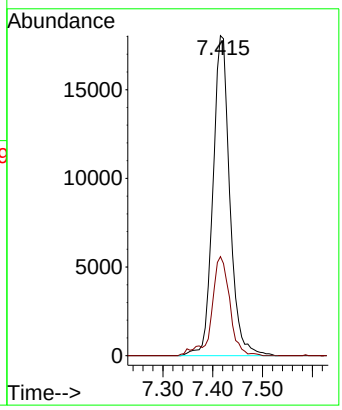
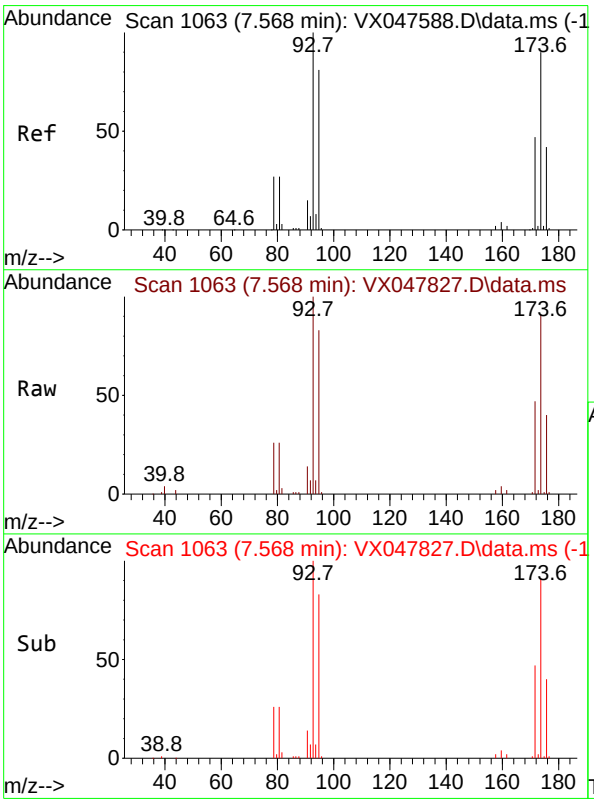
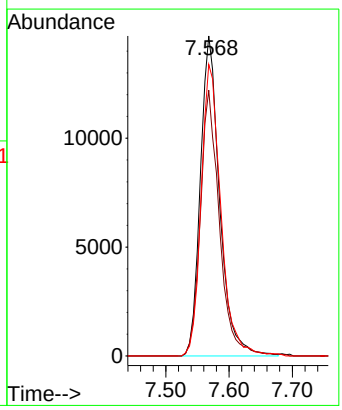


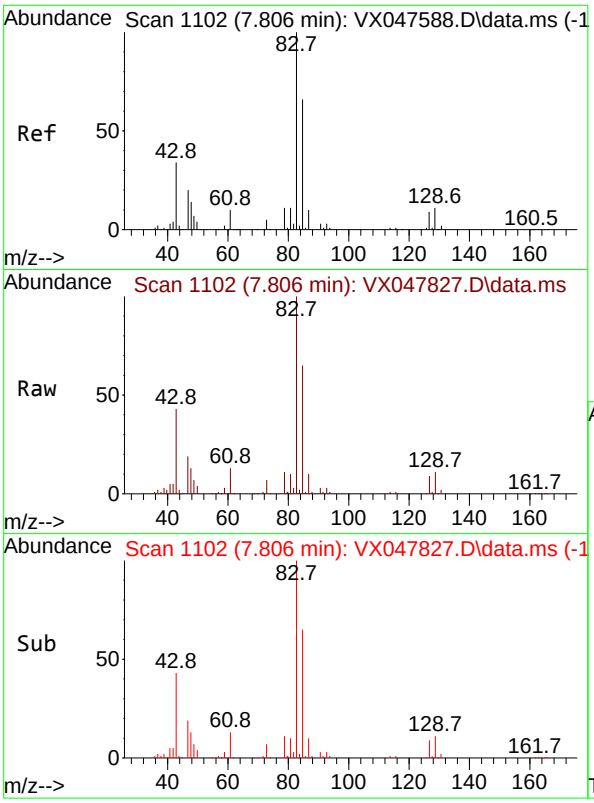


#46
Dibromomethane
Concen: 21.166 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 93 Resp: 31123

Ion	Ratio	Lower	Upper
93	100		
95	82.2	65.0	97.6
174	93.4	71.6	107.4

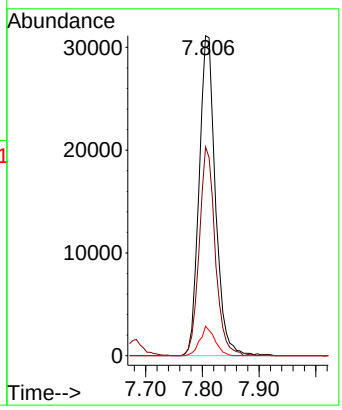




#47
Bromodichloromethane
Concen: 20.557 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 83 Resp: 6237

Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.5	78.7
127	9.2	6.9	10.3



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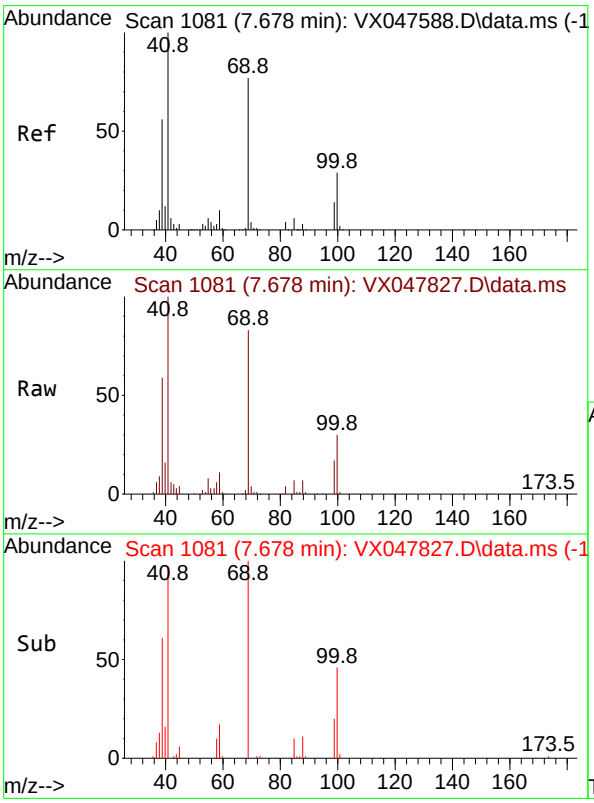
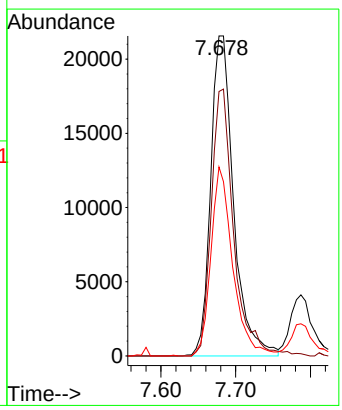
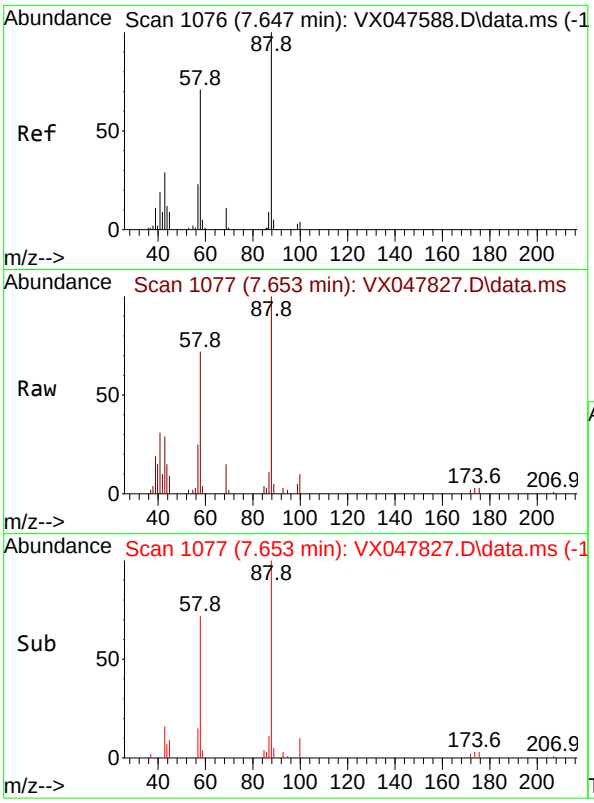


#48
Methyl methacrylate
Concen: 20.227 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 41 Resp: 45967

Ion	Ratio	Lower	Upper
41	100		
69	81.8	61.4	92.2
39	56.4	45.8	68.6

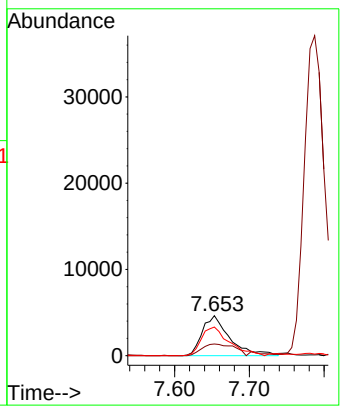




#49
1,4-Dioxane
Concen: 517.489 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 88 Resp: 1188

Ion	Ratio	Lower	Upper
88	100		
43	34.4	30.2	45.2
58	71.8	59.5	89.3



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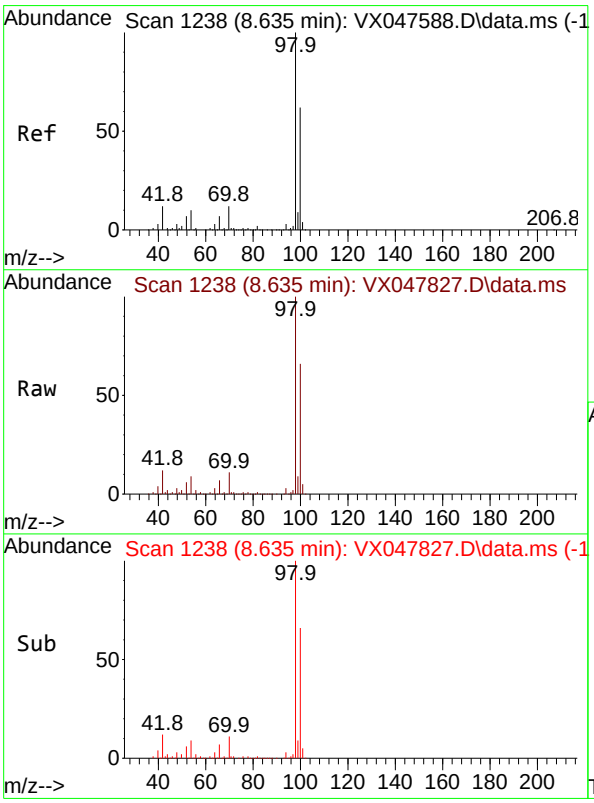
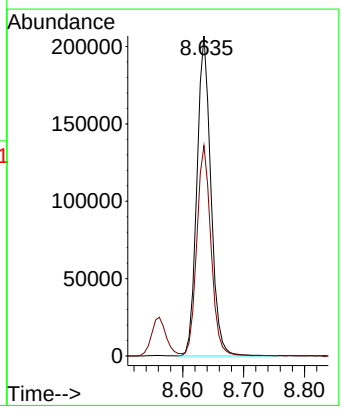
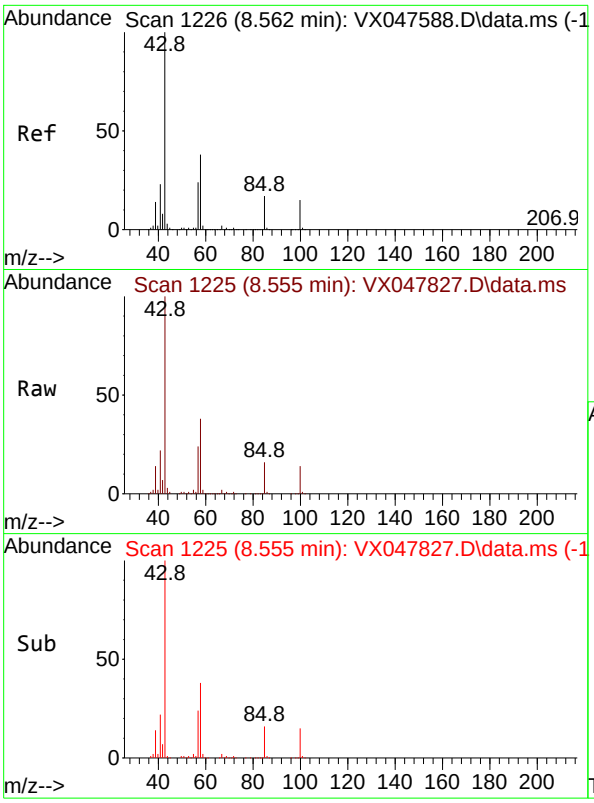


#50
Toluene-d8
Concen: 53.629 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 98 Resp: 329938

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4

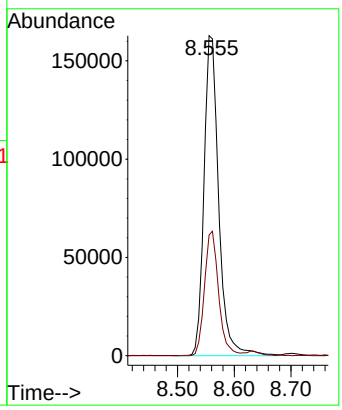




#51
4-Methyl-2-Pentanone
Concen: 115.883 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 43 Resp: 29313

Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.3	45.5



Instrument :
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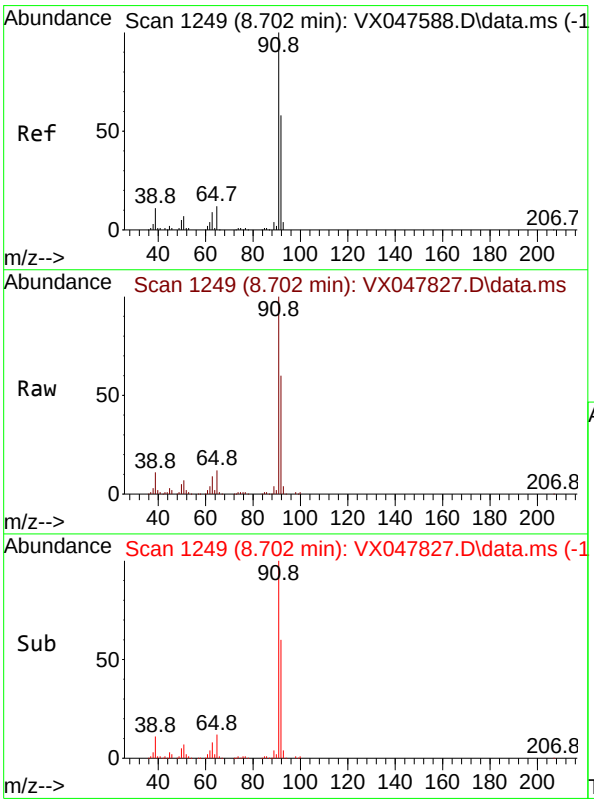
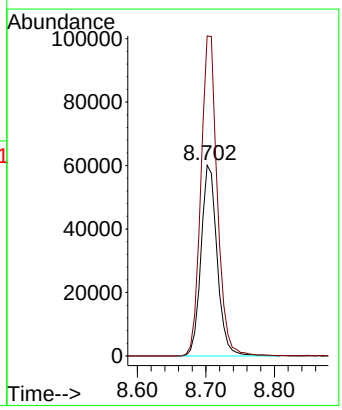
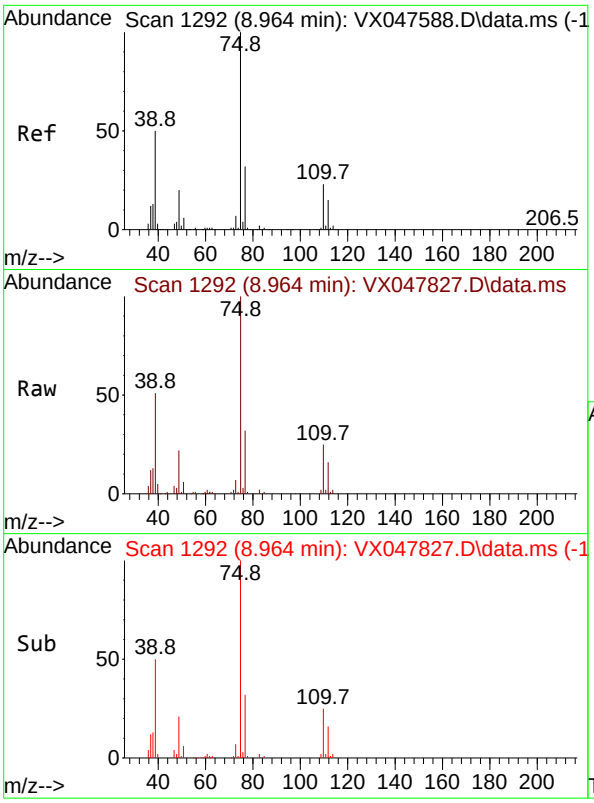


#52
Toluene
Concen: 20.288 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 92 Resp: 98632

Ion	Ratio	Lower	Upper
92	100		
91	171.1	137.1	205.7

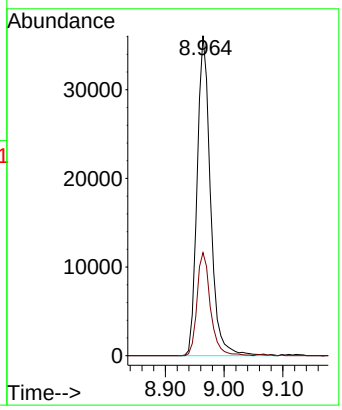




#53
t-1,3-Dichloropropene
Concen: 18.467 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 75 Resp: 5715

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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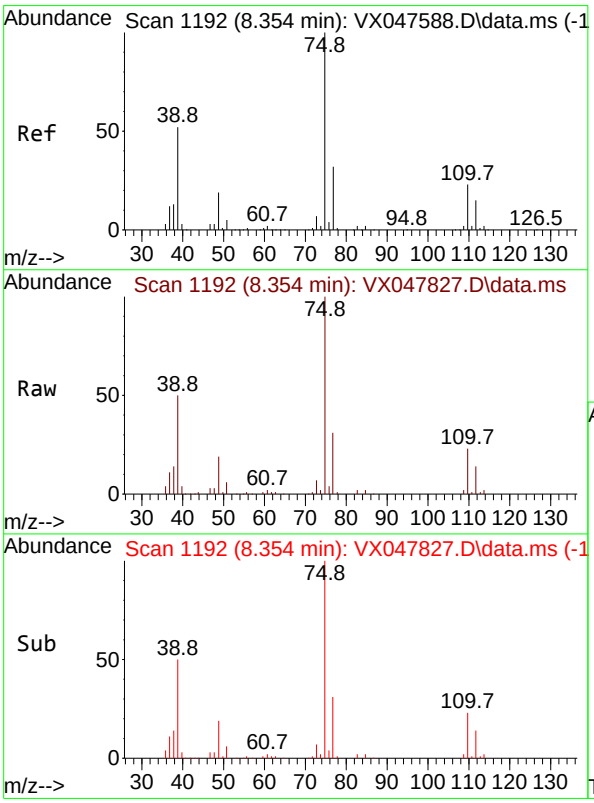
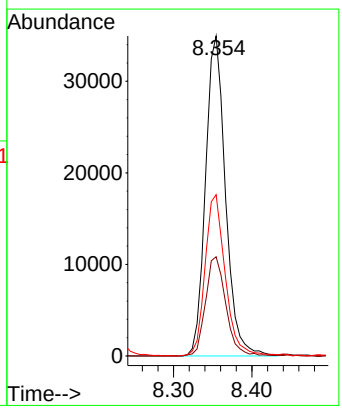
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

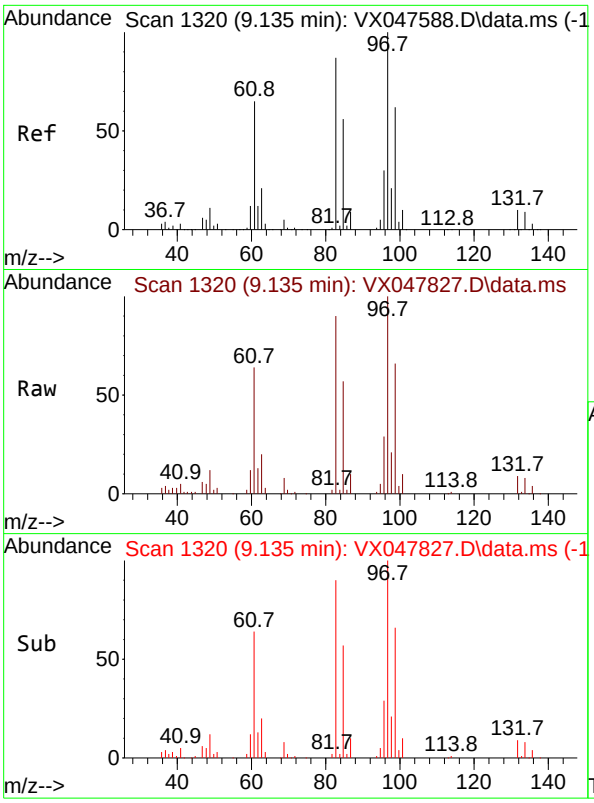


#54
cis-1,3-Dichloropropene
Concen: 18.697 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 75 Resp: 61851

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.8	38.6
39	48.9	41.4	62.2

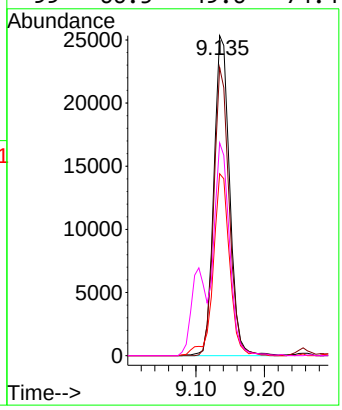




#55
1,1,2-Trichloroethane
Concen: 21.551 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 97 Resp: 4040

Ion	Ratio	Lower	Upper
97	100		
83	90.1	69.6	104.4
85	56.9	45.0	67.6
99	66.5	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations
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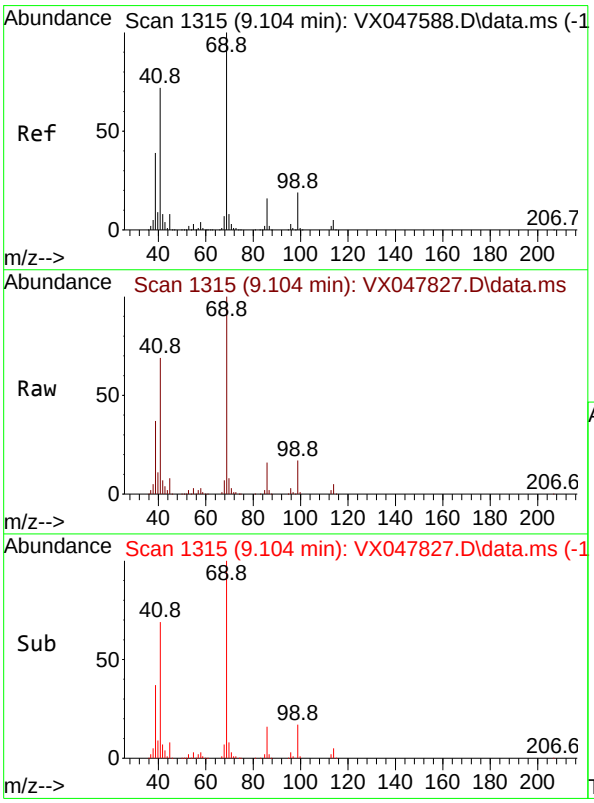
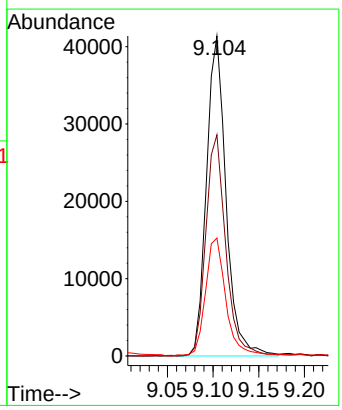
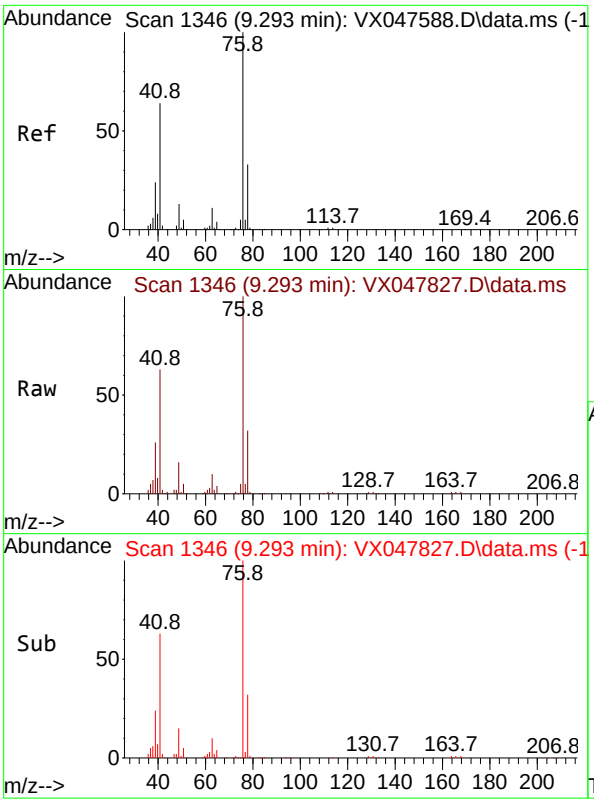


#56
Ethyl methacrylate
Concen: 20.872 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 69 Resp: 61448

Ion	Ratio	Lower	Upper
69	100		
41	70.5	58.6	87.8
39	38.9	31.5	47.3





#57
1,3-Dichloropropane
Concen: 21.581 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 76 Resp: 6949

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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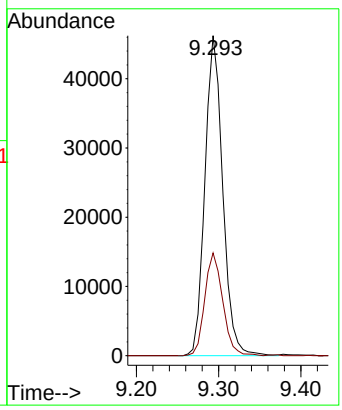
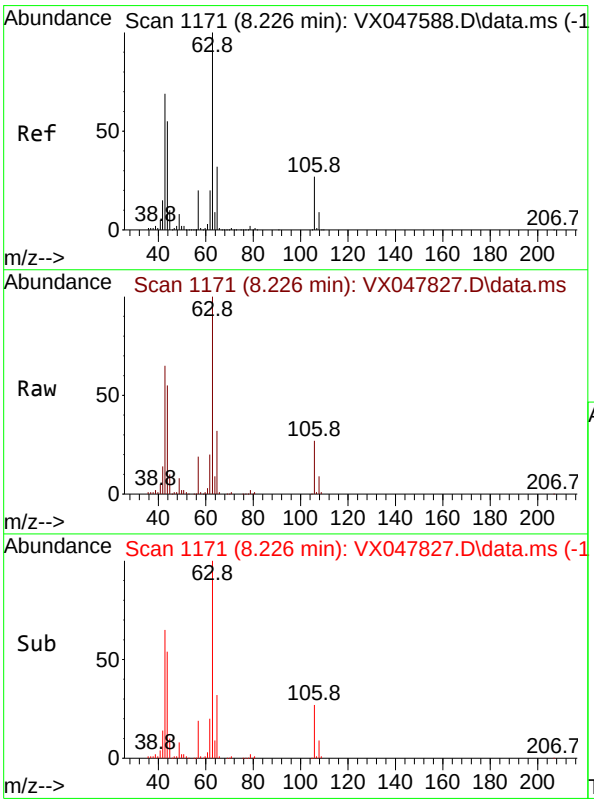
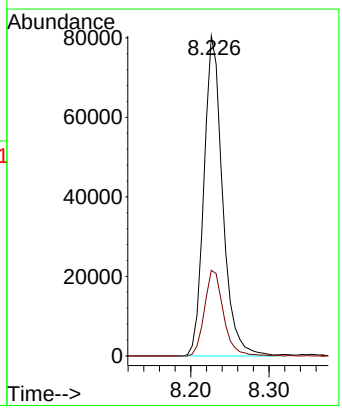


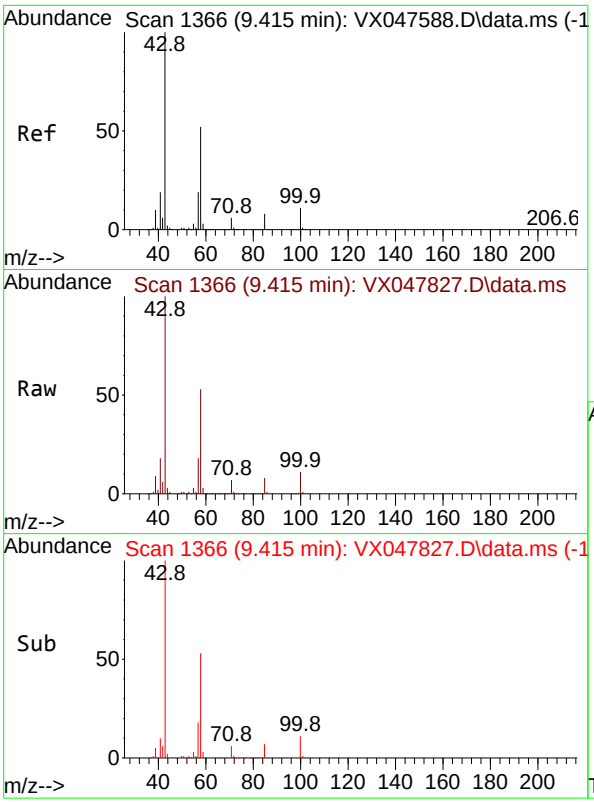


#58
2-Chloroethyl Vinyl ether
Concen: 101.652 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 63 Resp: 133073

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.9	32.9





#59
2-Hexanone
Concen: 112.954 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 43 Resp: 20520

Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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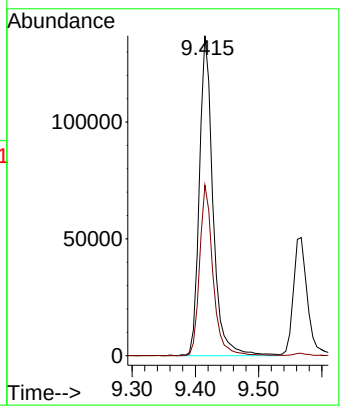
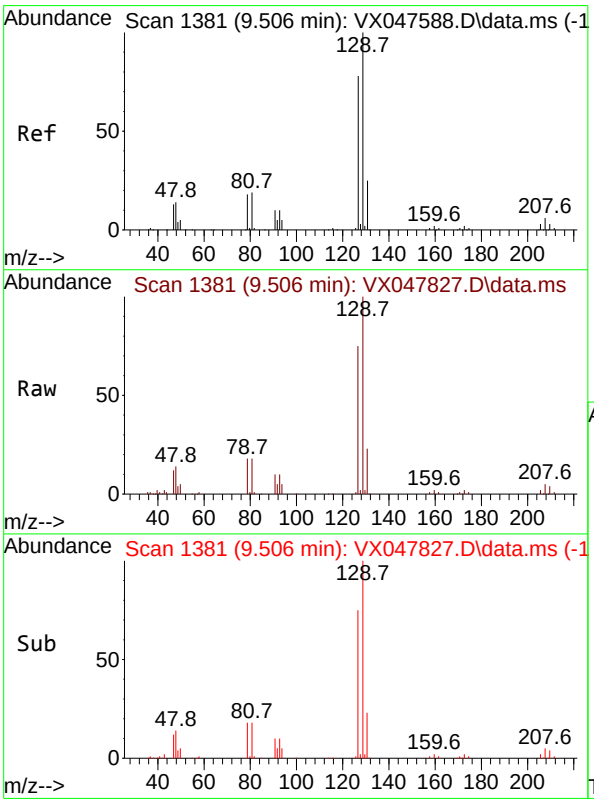
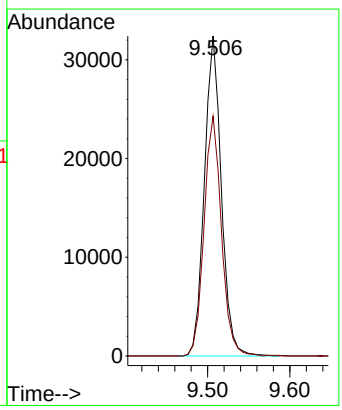


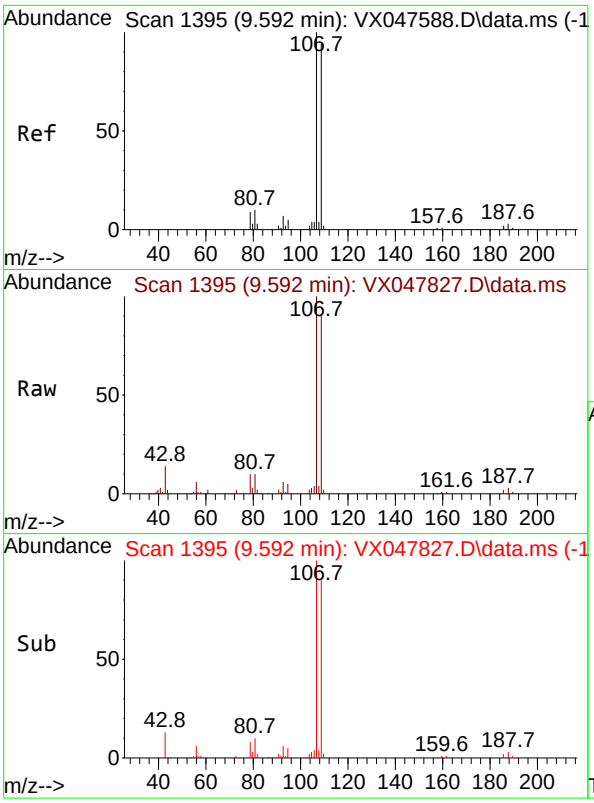


#60
Dibromochloromethane
Concen: 21.464 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:129 Resp: 46362

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.4	115.2





#61
1,2-Dibromoethane
Concen: 22.527 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:107 Resp: 4301

Ion	Ratio	Lower	Upper
107	100		
109	90.9	75.3	112.9

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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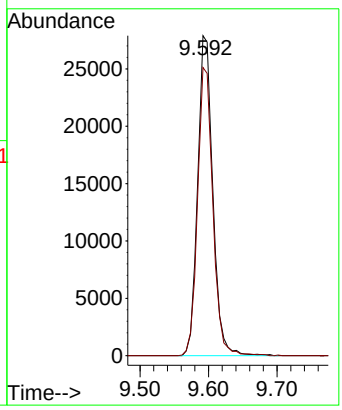
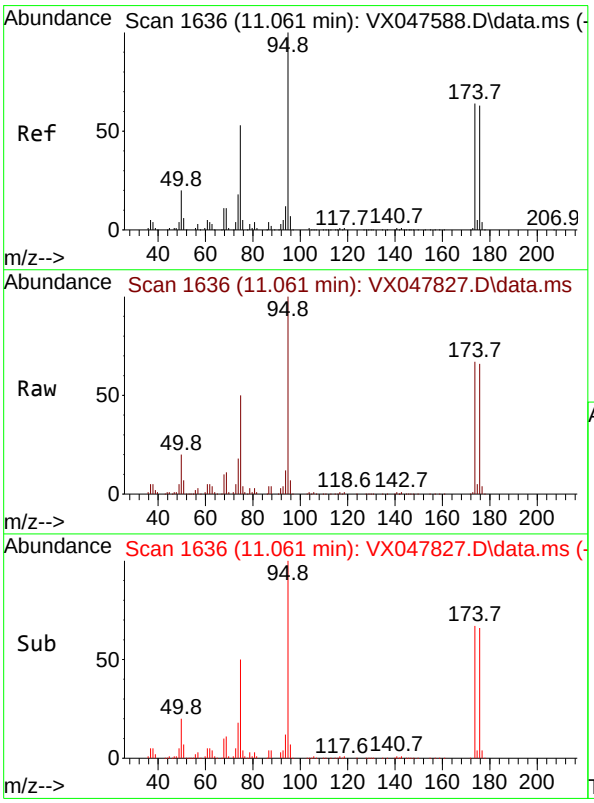
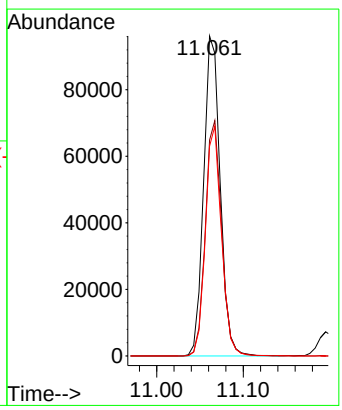


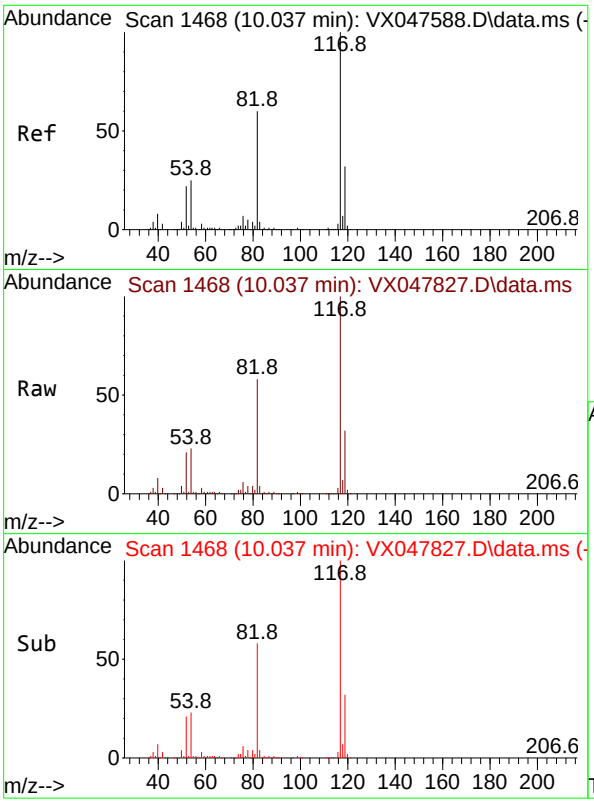


#62
4-Bromofluorobenzene
Concen: 54.622 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 95 Resp: 127538

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	141.6
176	69.6	0.0	138.4

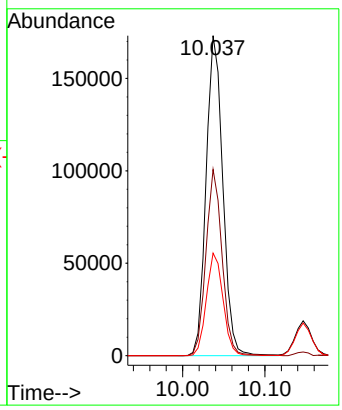




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:117 Resp: 24387

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.8	71.6
119	32.0	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
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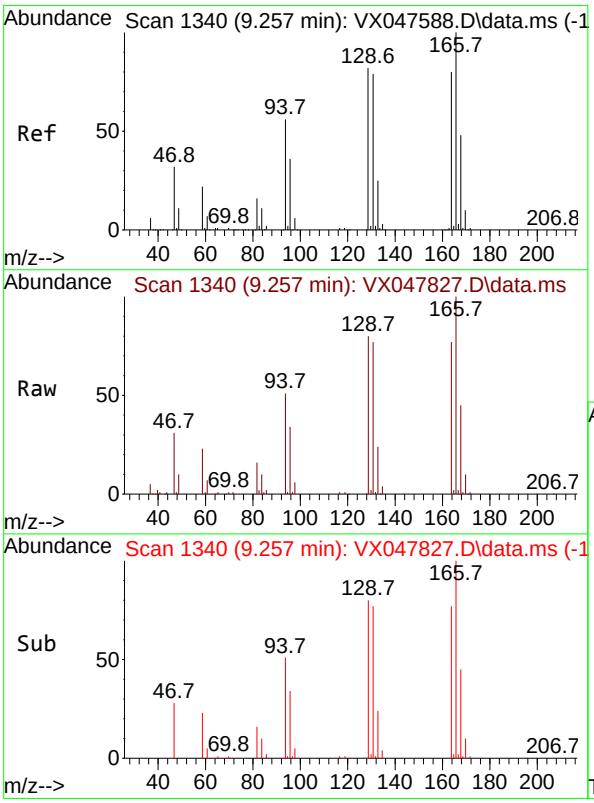
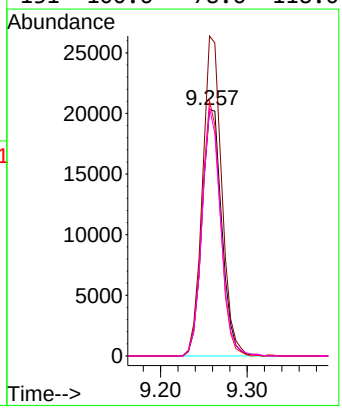
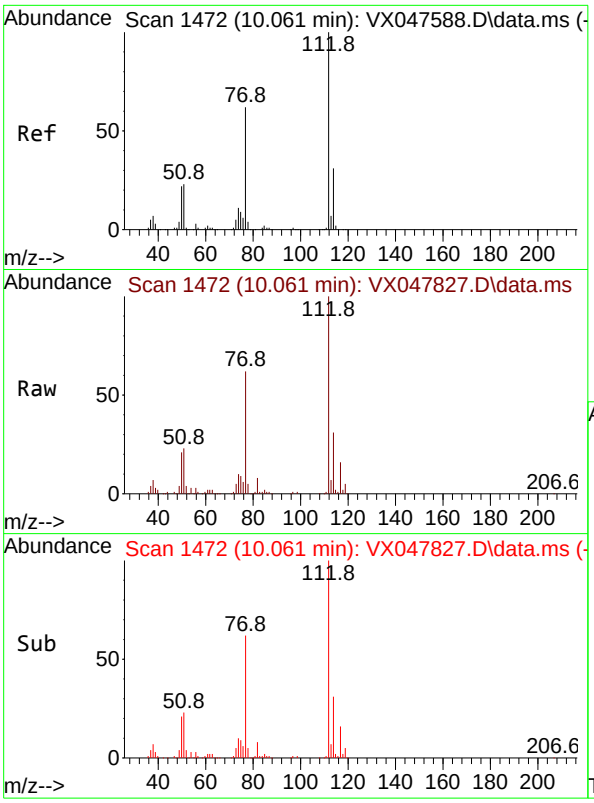


#64
Tetrachloroethene
Concen: 20.244 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:164 Resp: 32183

Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.2	150.2
129	103.5	81.8	122.6
131	100.6	78.6	118.0





#65
Chlorobenzene
Concen: 19.778 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:112 Resp: 10957

Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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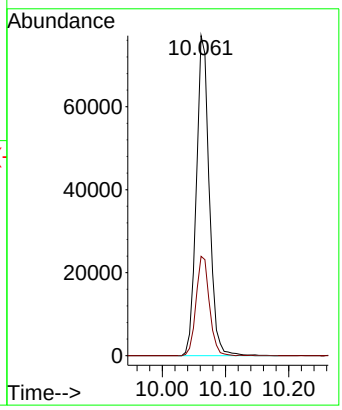
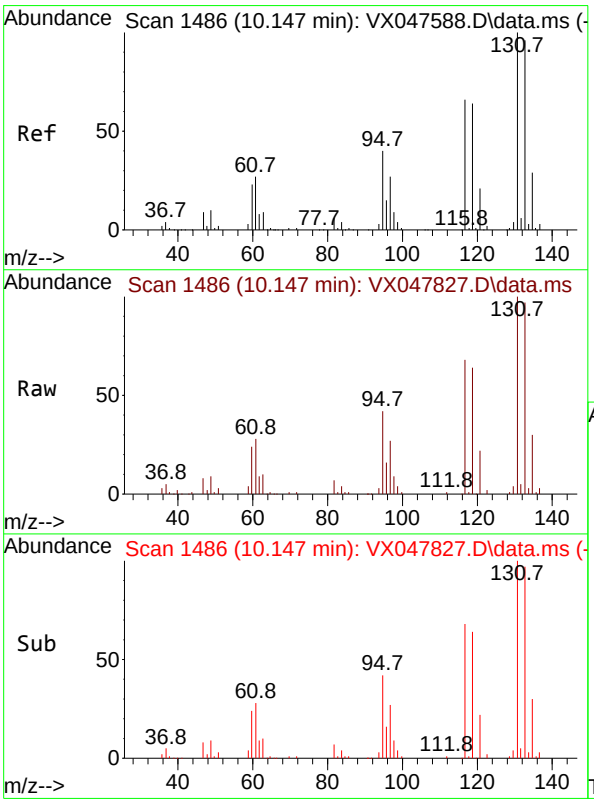
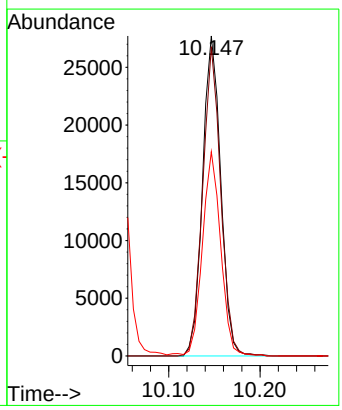


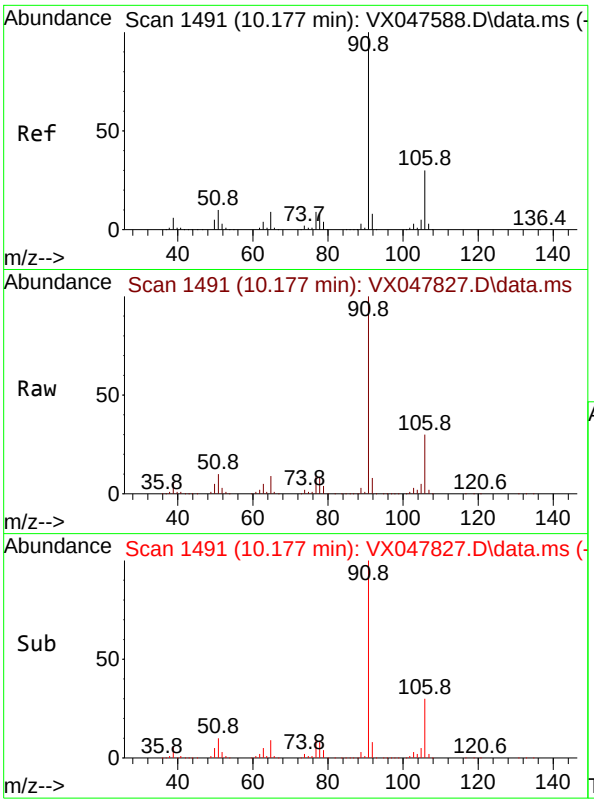


#66
1,1,1,2-Tetrachloroethane
Concen: 20.004 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:131 Resp: 38243

Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.3	142.0
119	64.4	32.0	96.0

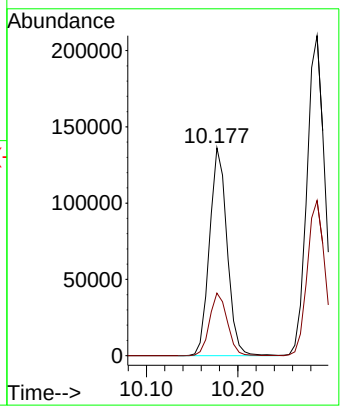




#67
Ethyl Benzene
Concen: 18.975 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 91 Resp: 18138

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
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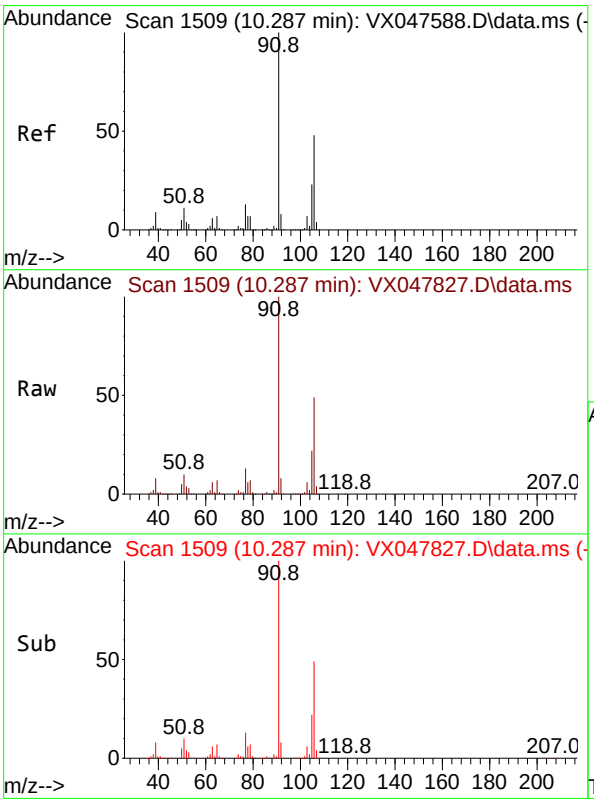
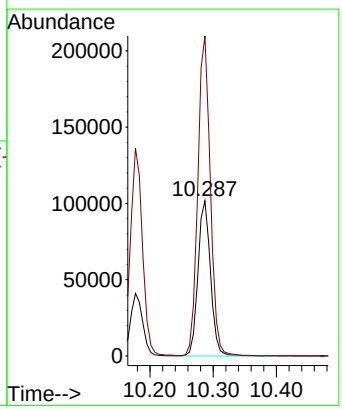
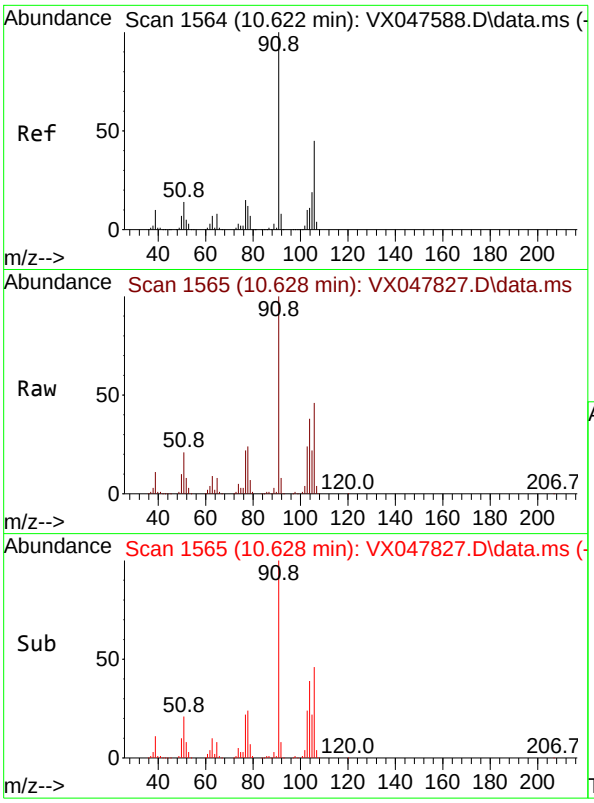


#68
m/p-Xylenes
Concen: 39.418 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:106 Resp: 140253

Ion	Ratio	Lower	Upper
106	100		
91	206.7	167.8	251.8

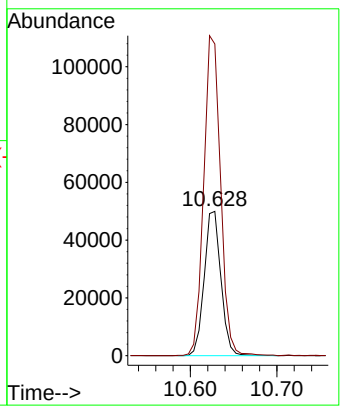




#69
o-Xylene
Concen: 19.462 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:106 Resp: 6697

Ion	Ratio	Lower	Upper
106	100		
91	223.3	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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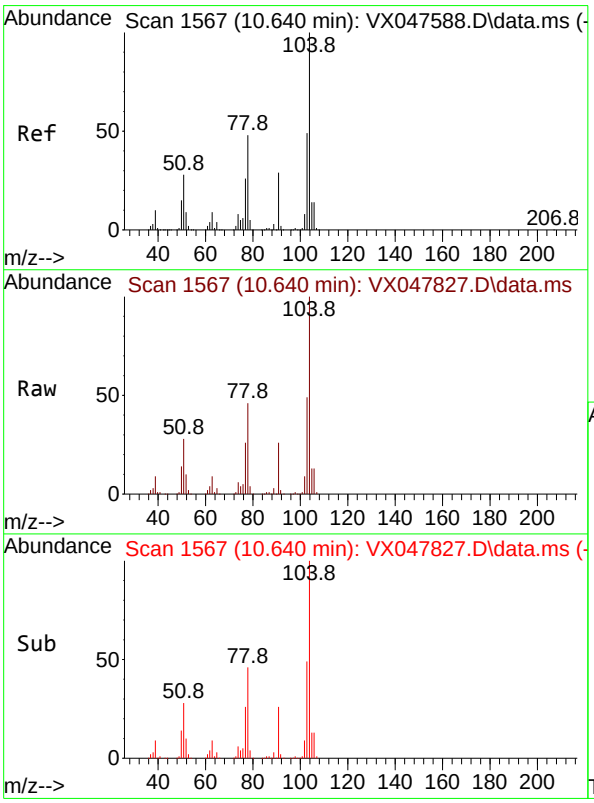
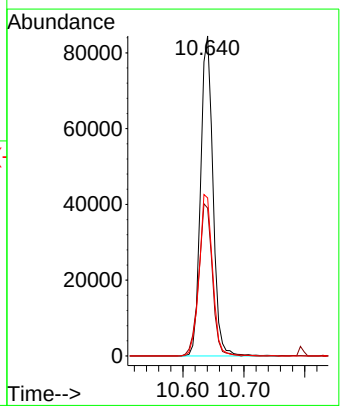
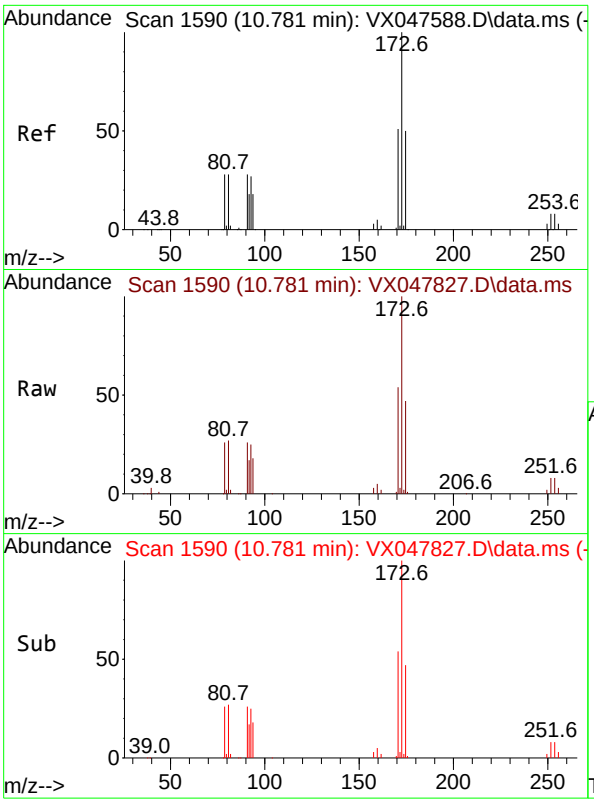


#70
Styrene
Concen: 19.743 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:104 Resp: 119054

Ion	Ratio	Lower	Upper
104	100		
78	52.3	43.1	64.7
103	54.6	43.1	64.7

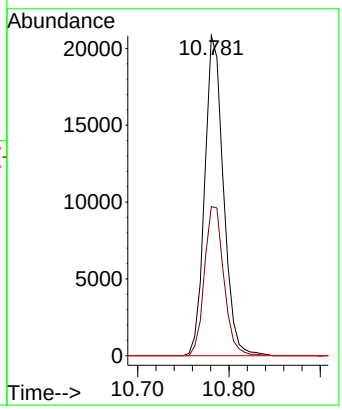




#71
Bromoform
Concen: 20.781 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:173 Resp: 2966

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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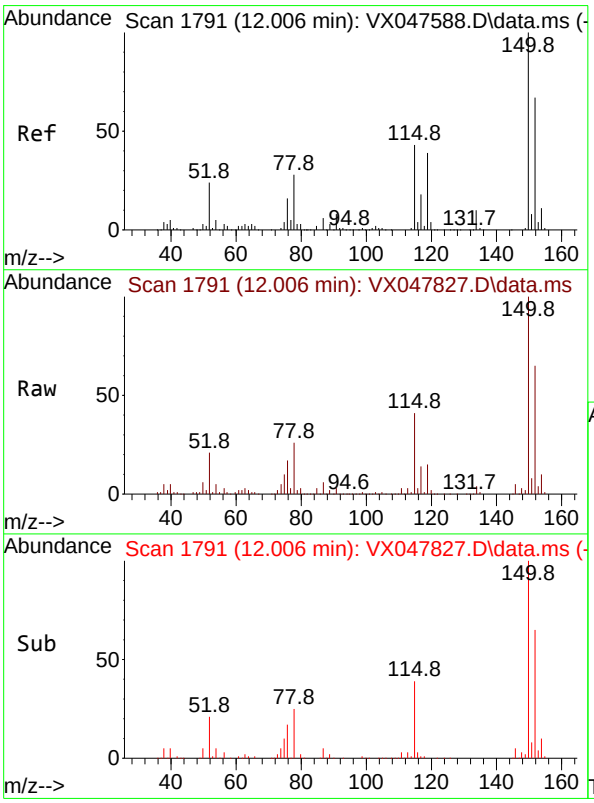
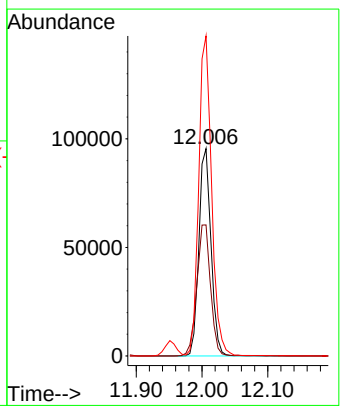
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

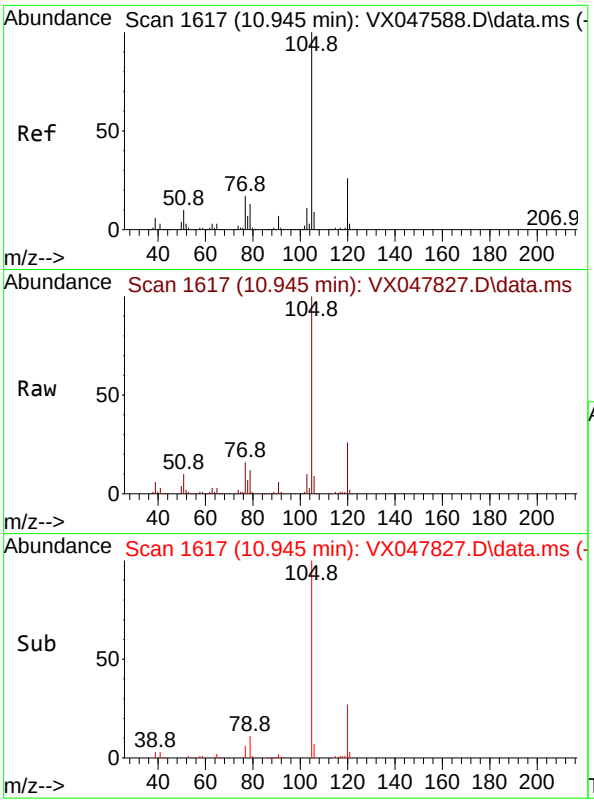


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:152 Resp: 122300

Ion	Ratio	Lower	Upper
152	100		
115	71.2	44.9	134.5
150	163.3	0.0	352.0





#73
Isopropylbenzene
Concen: 18.509 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:105 Resp: 17209

Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.4

Instrument :
MSVOA_X
ClientSampleId :
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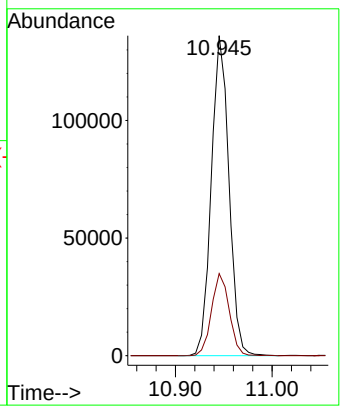
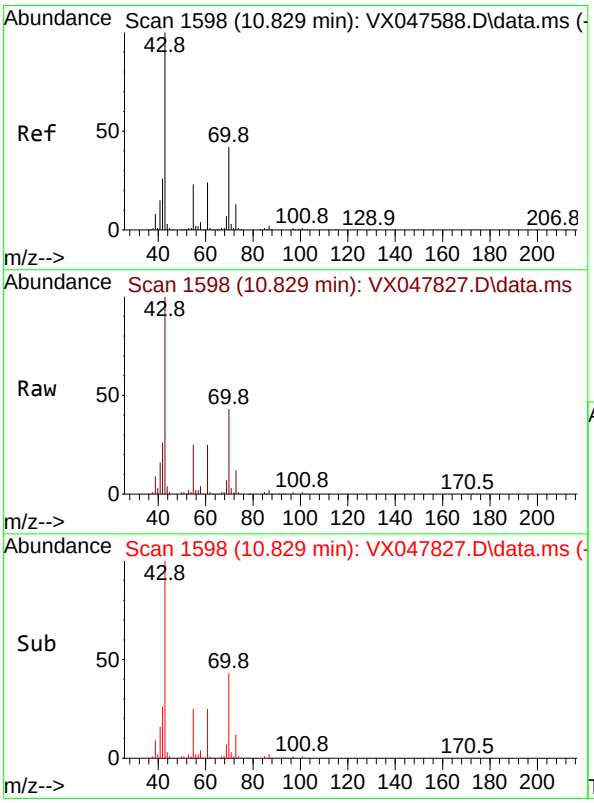
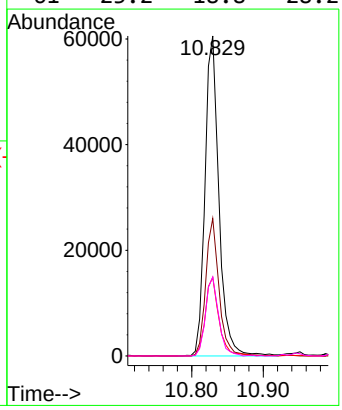


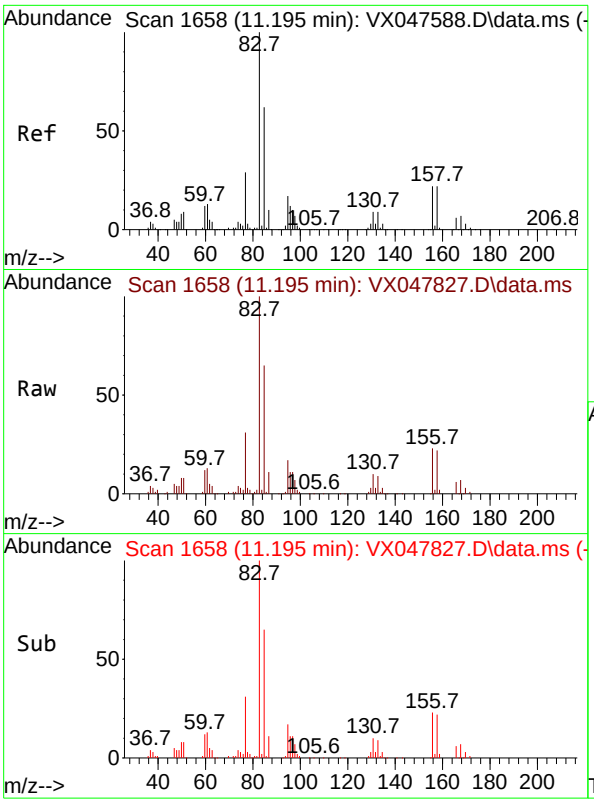


#74
N-amyl acetate
Concen: 19.362 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 43 Resp: 82094

Ion	Ratio	Lower	Upper
43	100		
70	41.1	32.0	48.0
55	24.0	18.9	28.3
61	23.2	18.8	28.2

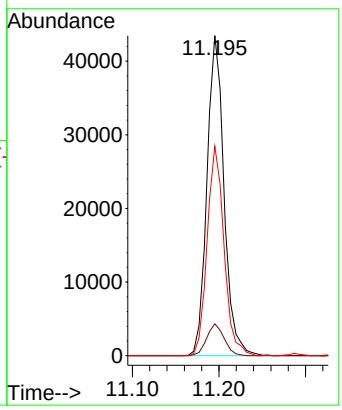




#75
1,1,2,2-Tetrachloroethane
Concen: 21.161 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 83 Resp: 5952

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	64.5	31.6	95.0



Instrument :
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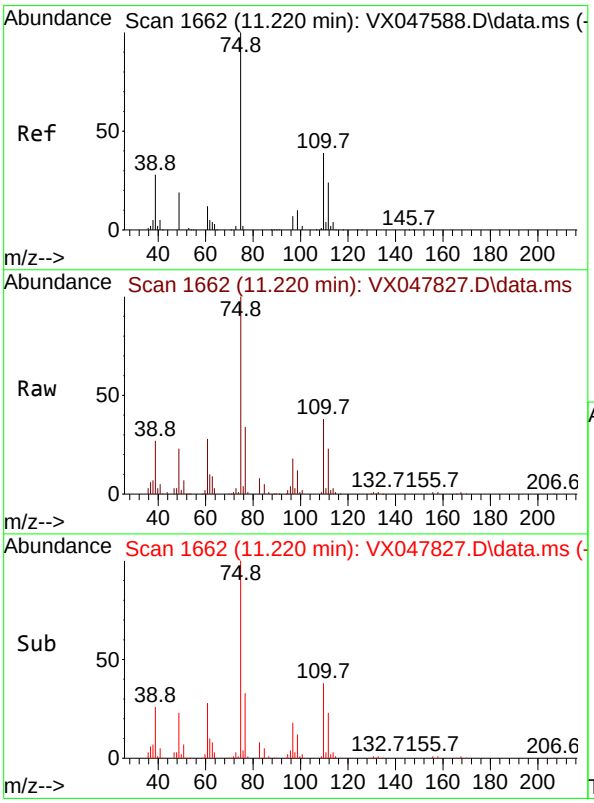
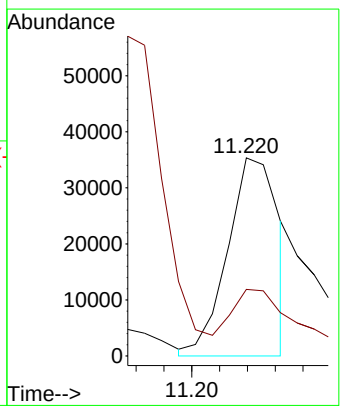
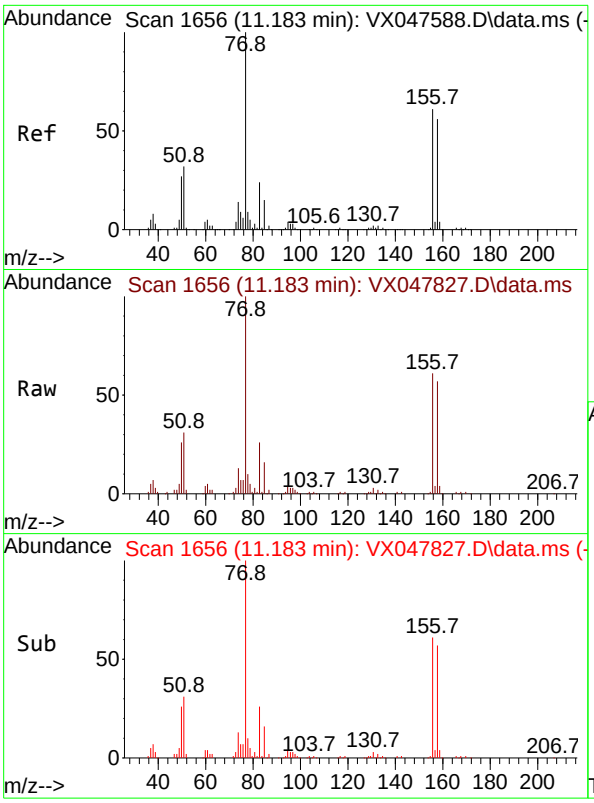


#76
1,2,3-Trichloropropane
Concen: 18.209 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 75 Resp: 45089

Ion	Ratio	Lower	Upper
75	100		
77	43.7	18.8	56.4

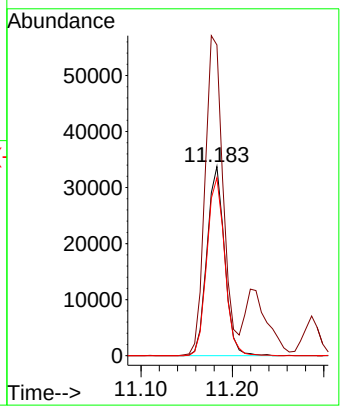




#77
Bromobenzene
Concen: 19.632 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:156 Resp: 4495

Ion	Ratio	Lower	Upper
156	100		
77	174.4	89.7	269.1
158	95.9	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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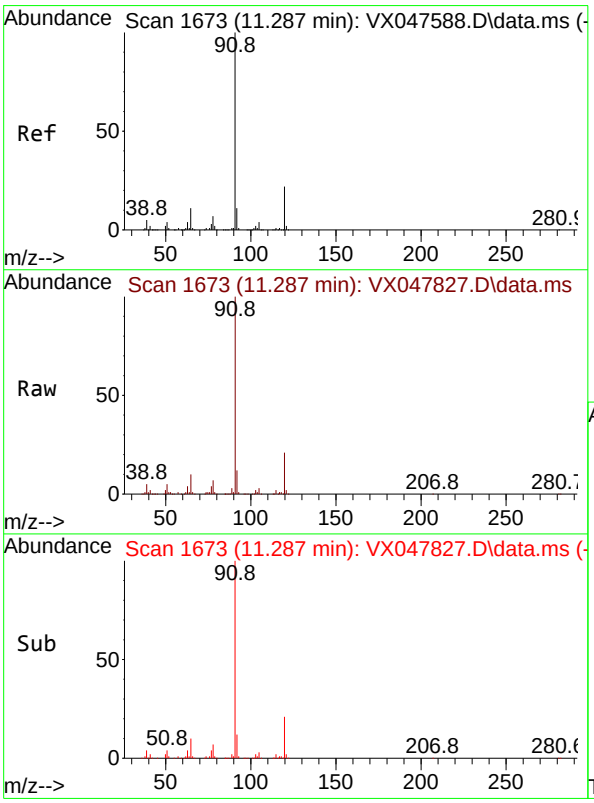
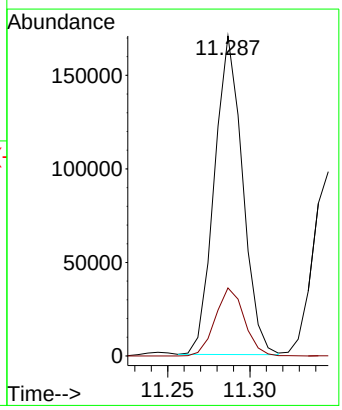
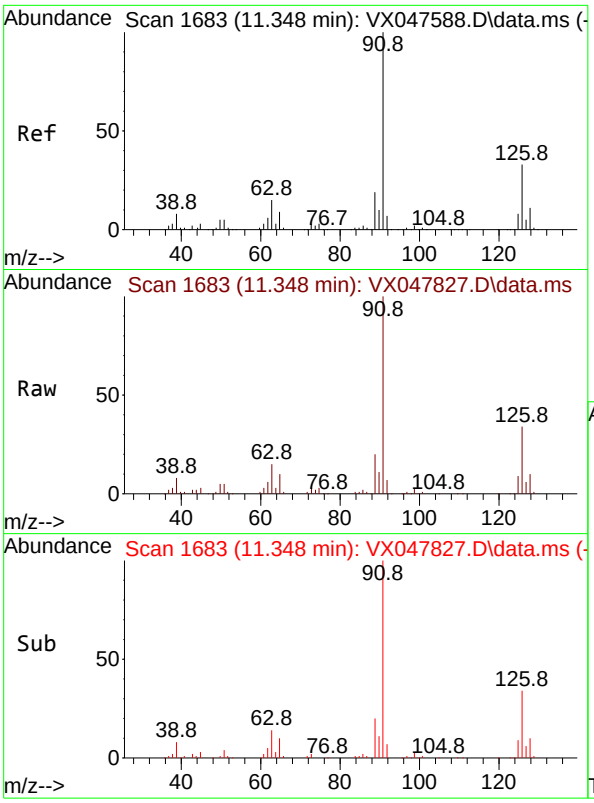


#78
n-propylbenzene
Concen: 18.451 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 91 Resp: 202799

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1





#79
2-Chlorotoluene
Concen: 18.519 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 91 Resp: 12467

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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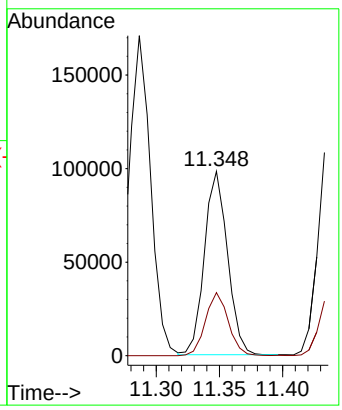
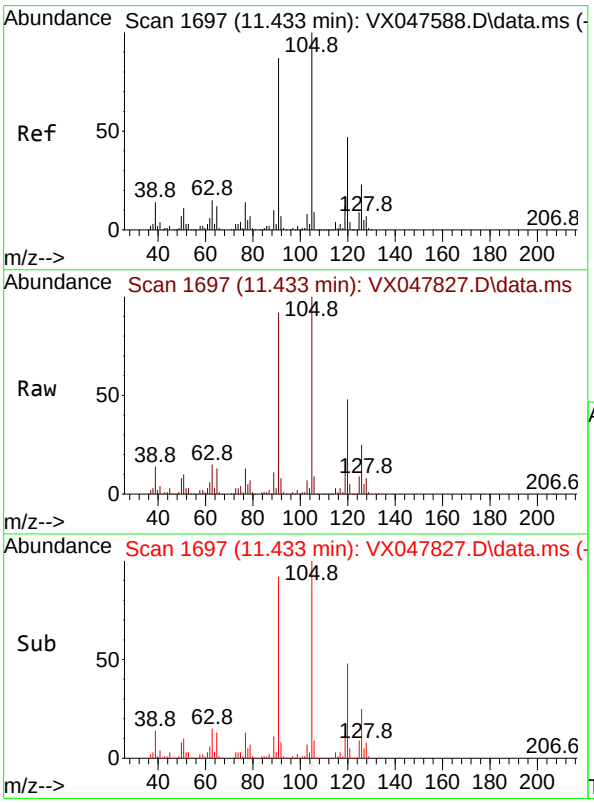
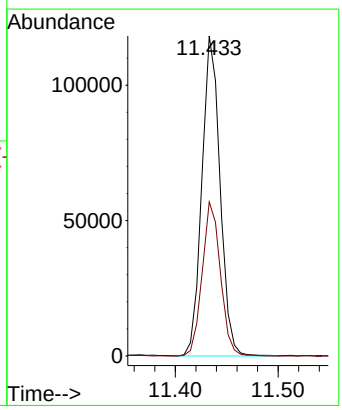


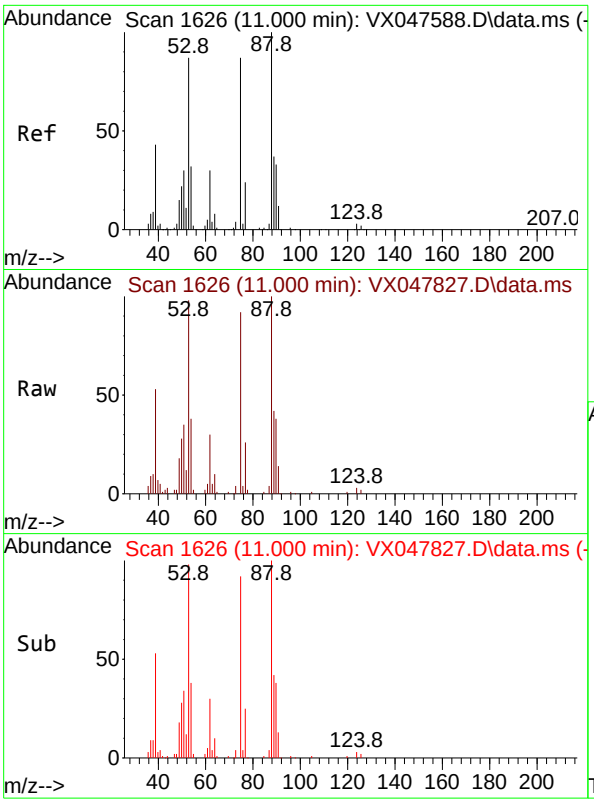


#80
1,3,5-Trimethylbenzene
Concen: 19.048 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:105 Resp: 145509

Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 15.145 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 75 Resp: 1470

Ion	Ratio	Lower	Upper
75	100		
53	107.1	83.4	125.2
89	44.3	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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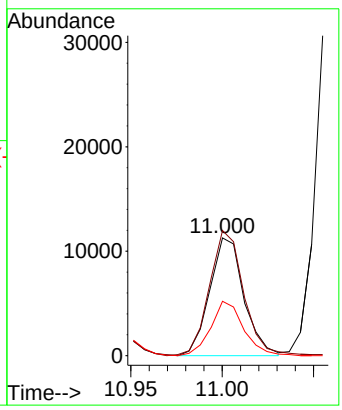
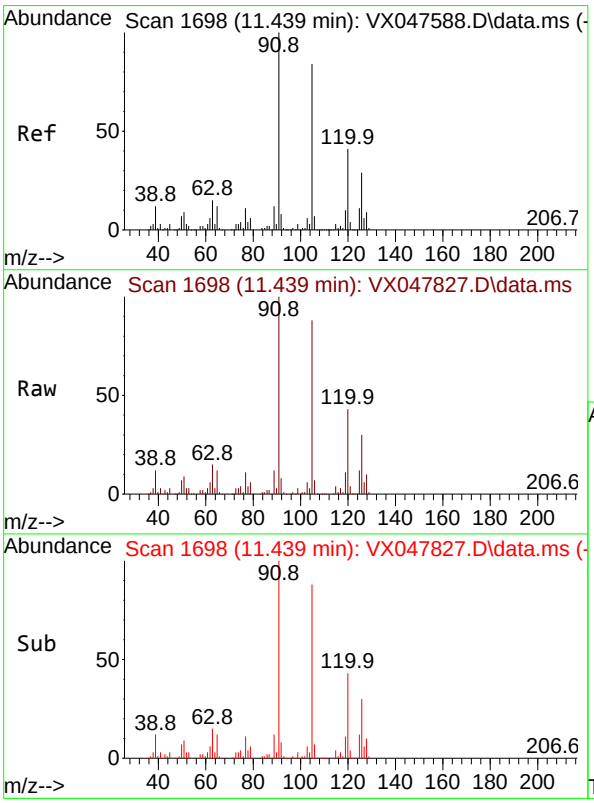
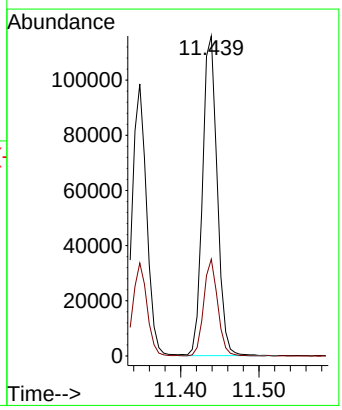


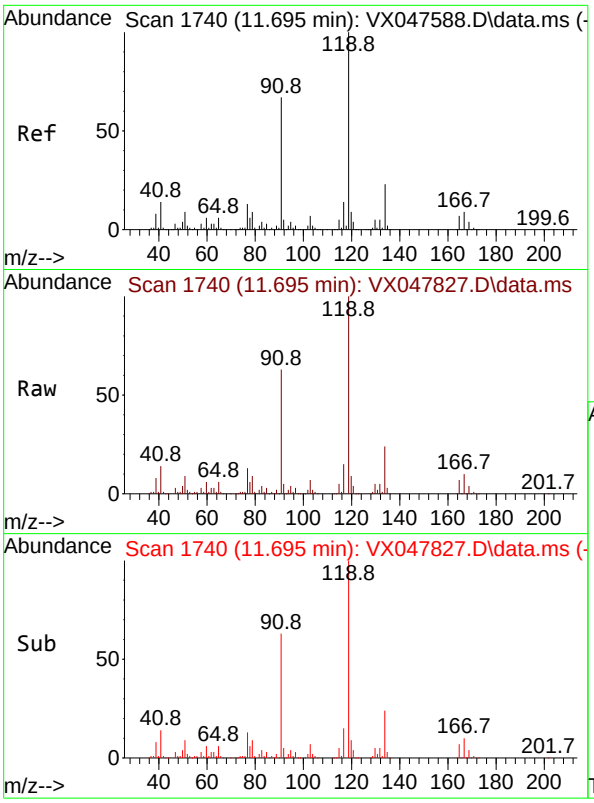


#82
4-Chlorotoluene
Concen: 18.883 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 91 Resp: 150138

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.2	42.6

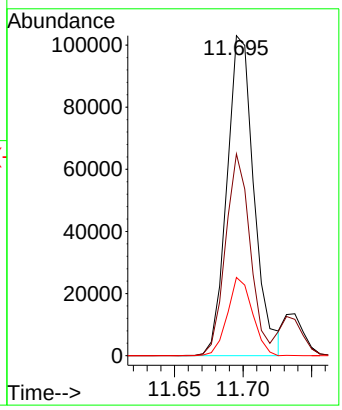




#83
tert-Butylbenzene
Concen: 18.134 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:119 Resp: 14181

Ion	Ratio	Lower	Upper
119	100		
91	57.7	29.6	88.8
134	22.6	11.0	33.0



Instrument :
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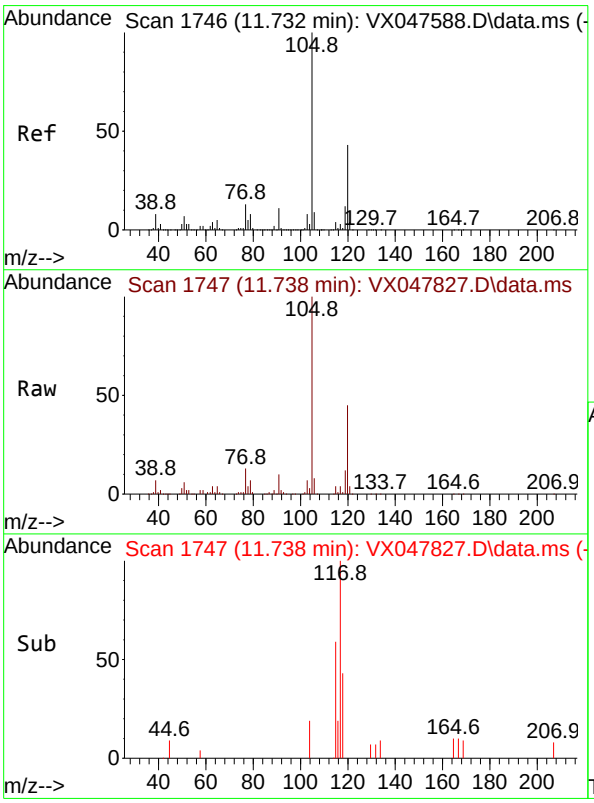
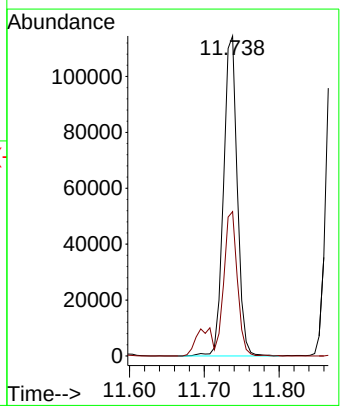
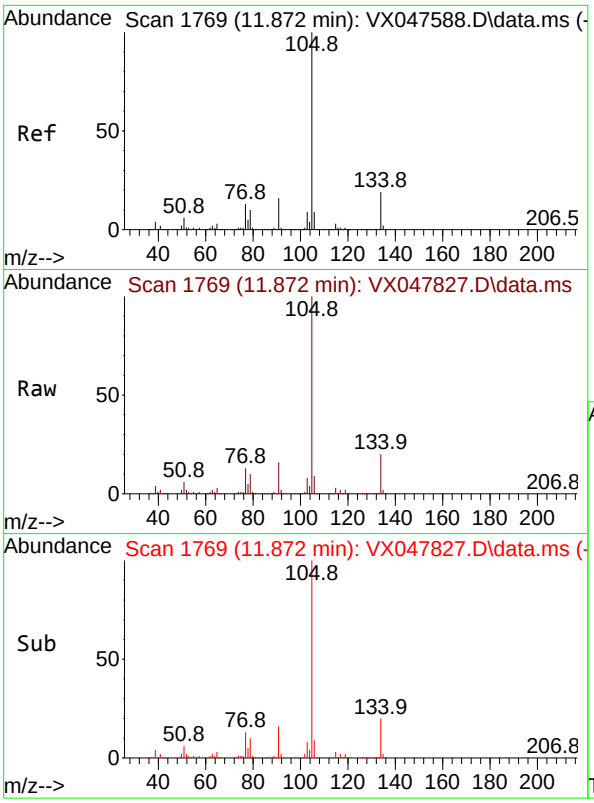


#84
1,2,4-Trimethylbenzene
Concen: 18.881 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:105 Resp: 146234

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.1

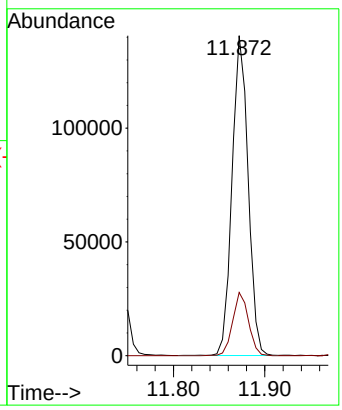




#85
sec-Butylbenzene
Concen: 18.466 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:105 Resp: 17152

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5



Instrument :
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ClientSampleId :
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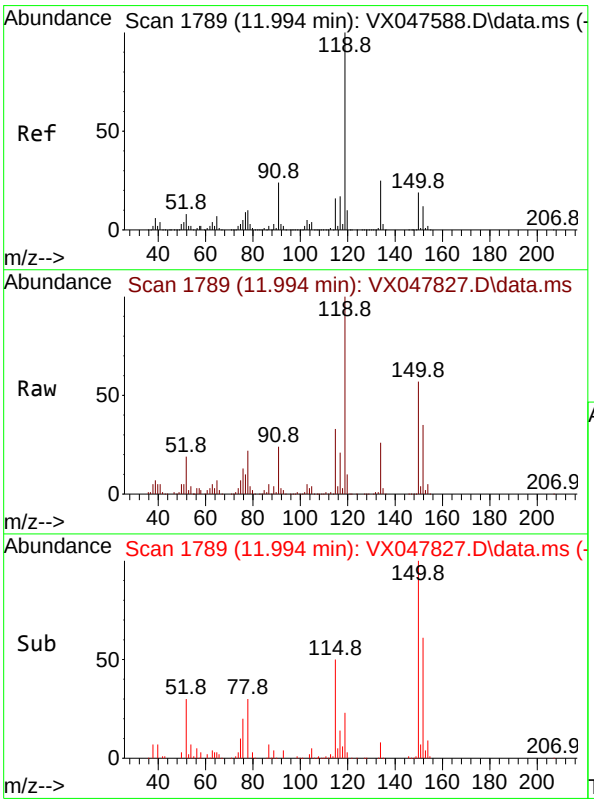
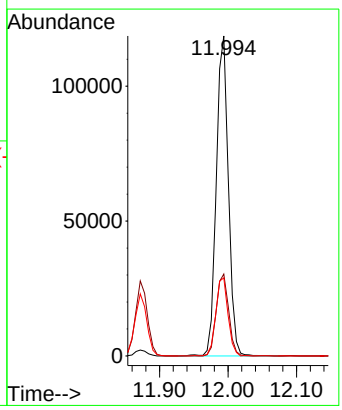
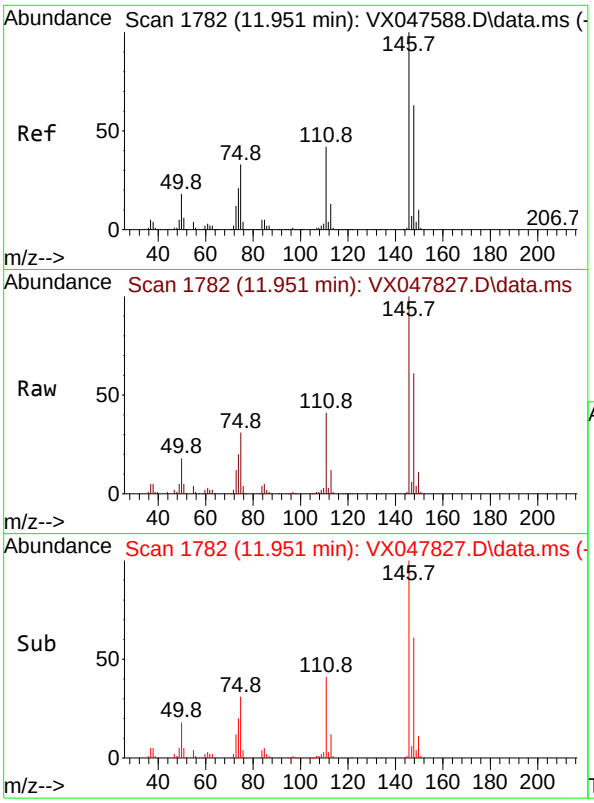


#86
p-Isopropyltoluene
Concen: 18.381 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:119 Resp: 144542

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.6	37.8
91	24.7	12.6	37.6

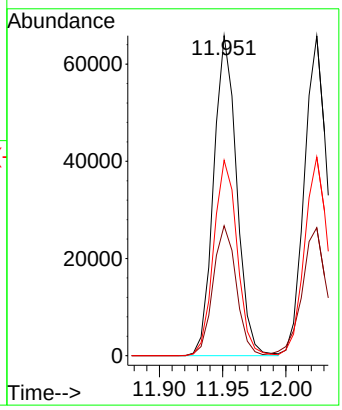




#87
1,3-Dichlorobenzene
Concen: 19.537 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:146 Resp: 8310

Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.5	64.5
148	62.5	32.0	96.0



Instrument :
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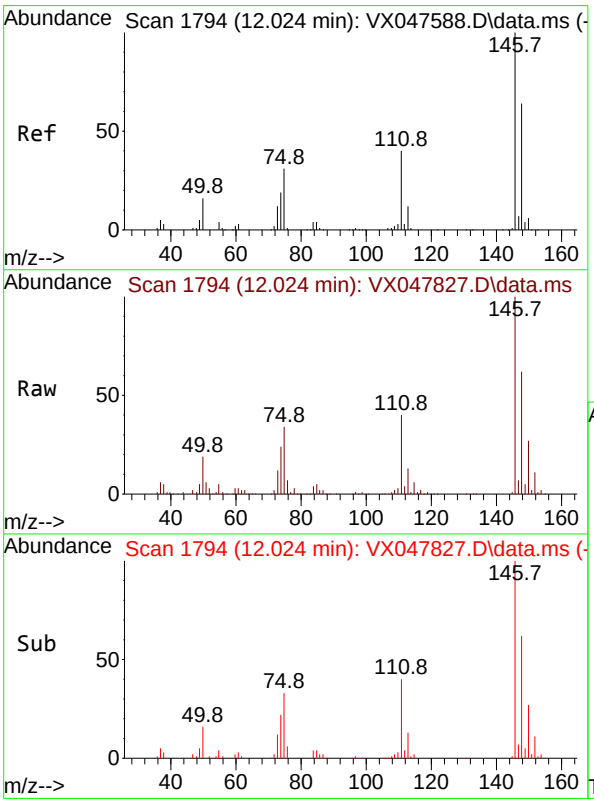
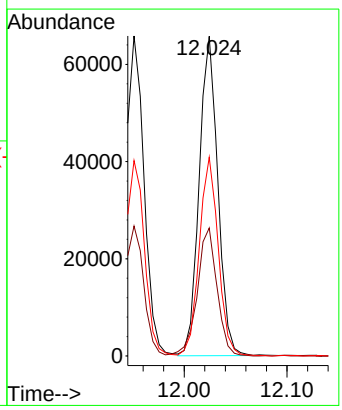
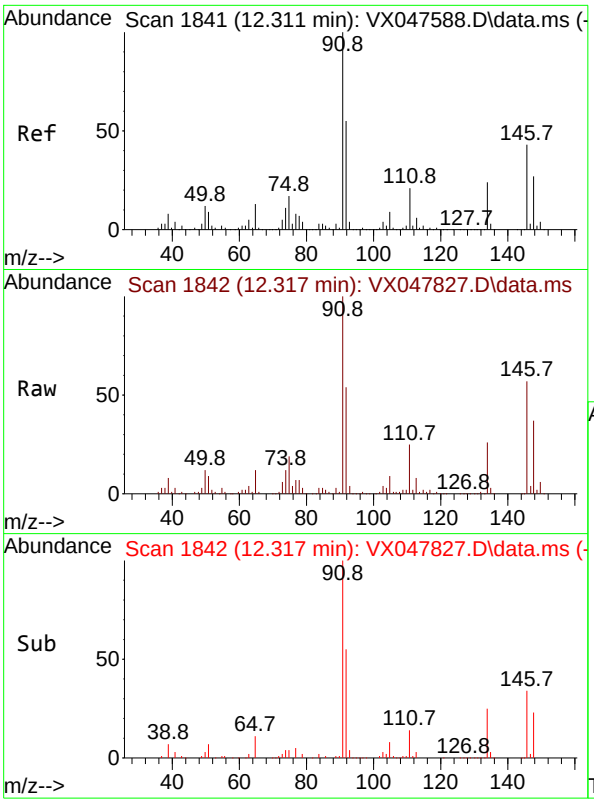


#88
1,4-Dichlorobenzene
Concen: 19.043 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:146 Resp: 83133

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.8	62.4
148	63.4	31.7	95.1

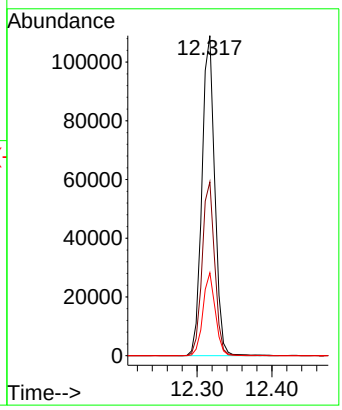




#89
n-Butylbenzene
Concen: 17.832 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 91 Resp: 12975

Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.6	82.7
134	24.9	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

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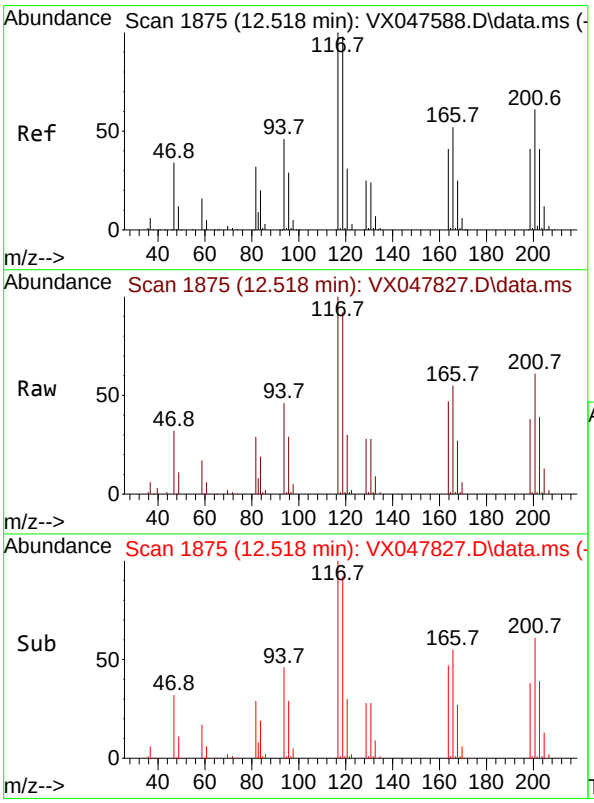
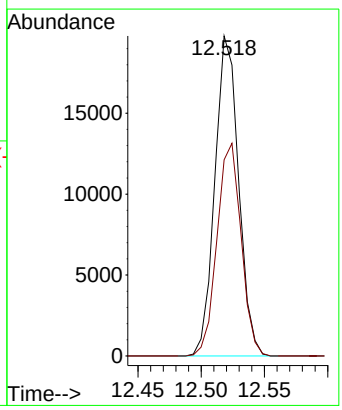
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

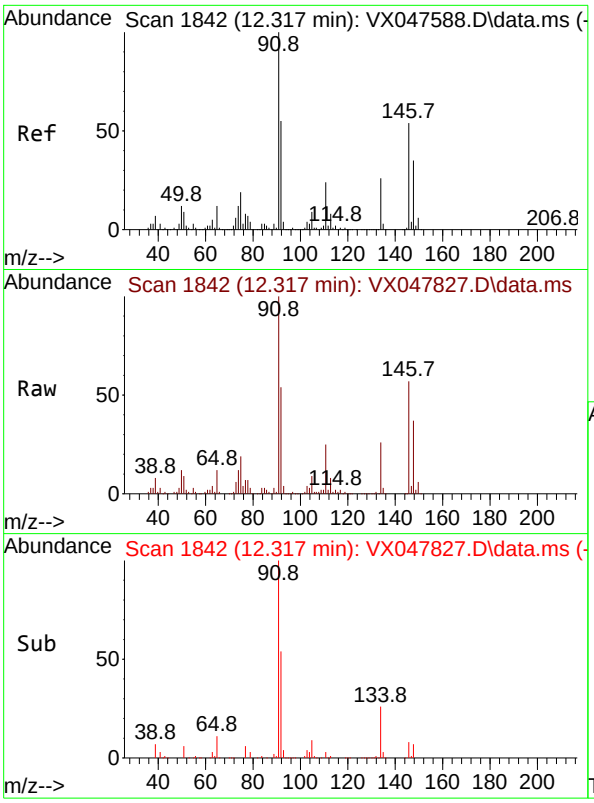


#90
Hexachloroethane
Concen: 18.654 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:117 Resp: 25755

Ion	Ratio	Lower	Upper
117	100		
201	67.6	34.2	102.5

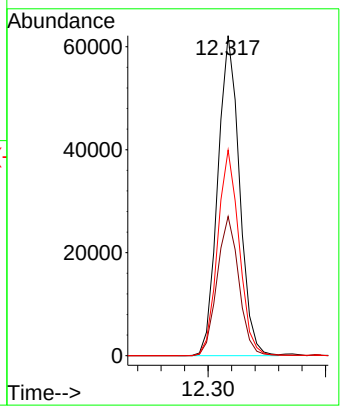




#91
1,2-Dichlorobenzene
Concen: 19.658 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:146 Resp: 7966

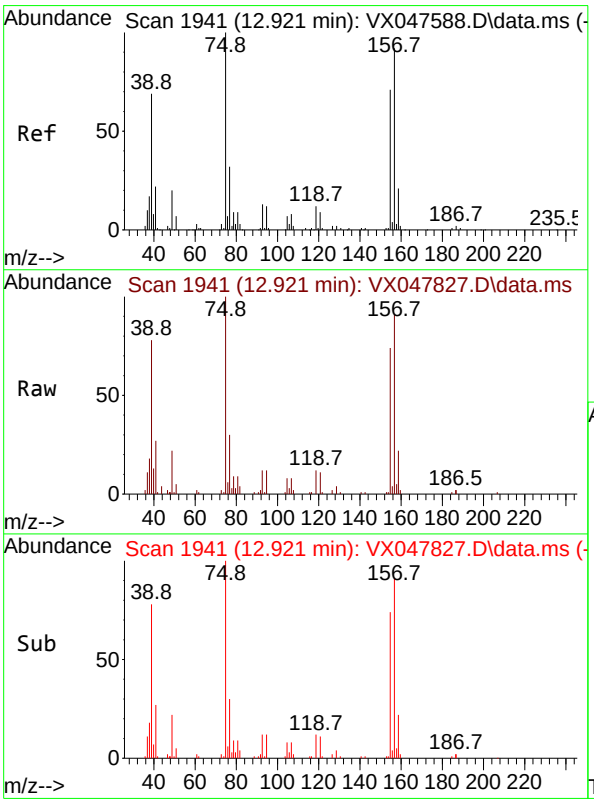
Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.2	66.6
148	63.9	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations
APPROVED

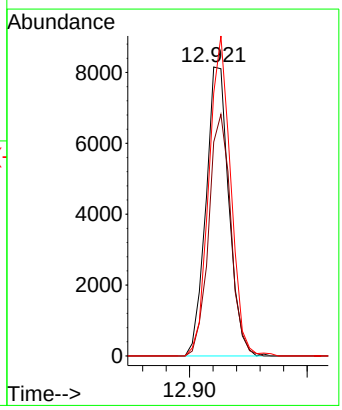
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

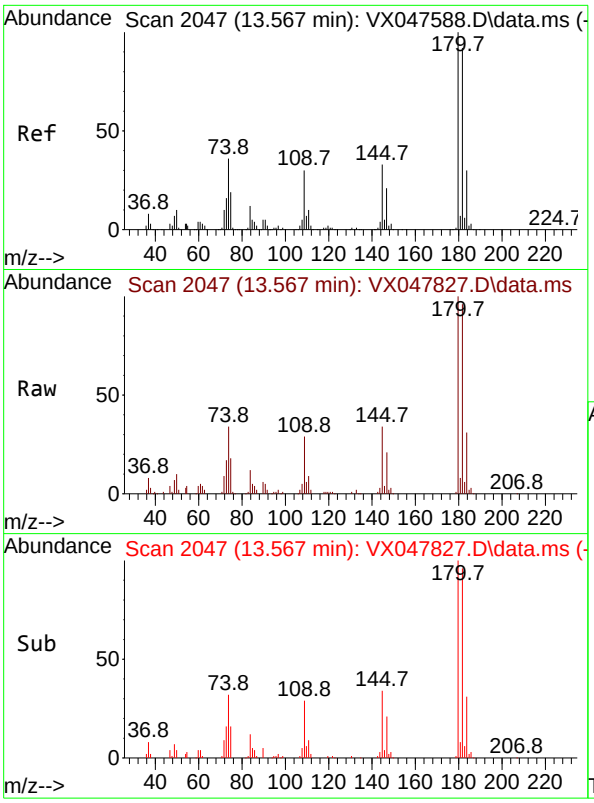


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.465 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 75 Resp: 11086

Ion	Ratio	Lower	Upper
75	100		
155	80.2	37.7	113.1
157	105.0	49.8	149.4

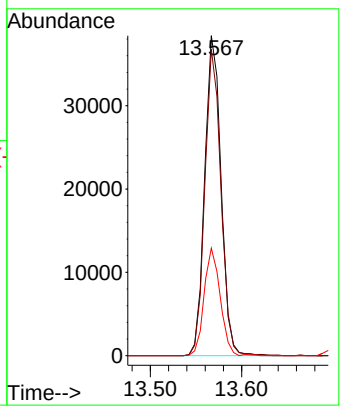




#93
1,2,4-Trichlorobenzene
Concen: 18.084 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:180 Resp: 4762

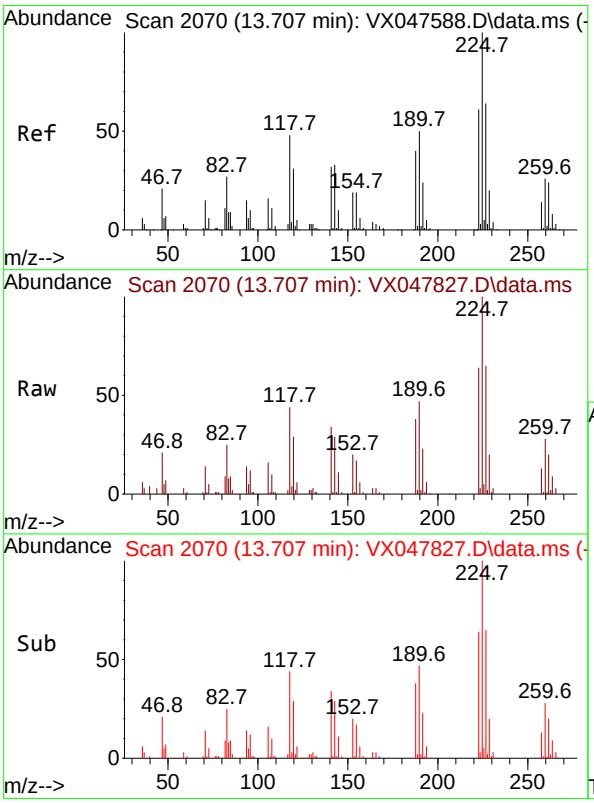
Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.6	139.8
145	33.2	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Manual Integrations
APPROVED

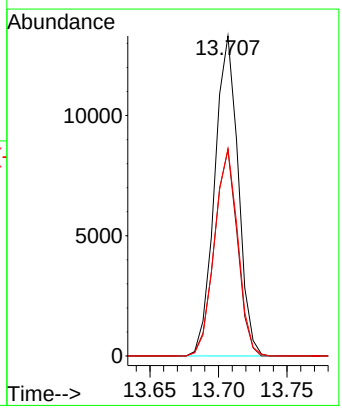
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

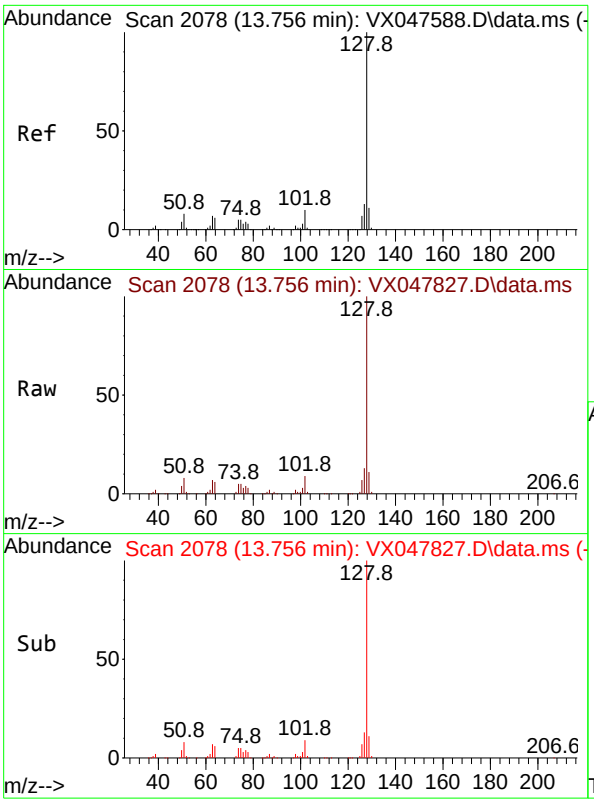


#94
Hexachlorobutadiene
Concen: 17.730 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:225 Resp: 15861

Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.7	95.1
227	64.3	32.0	96.0





#95
Naphthalene
Concen: 19.033 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

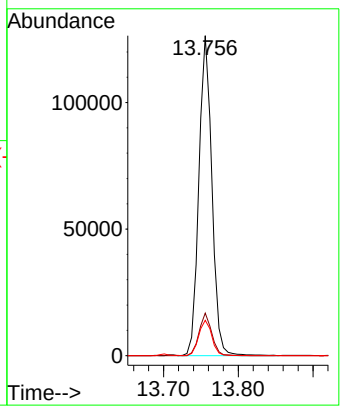
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

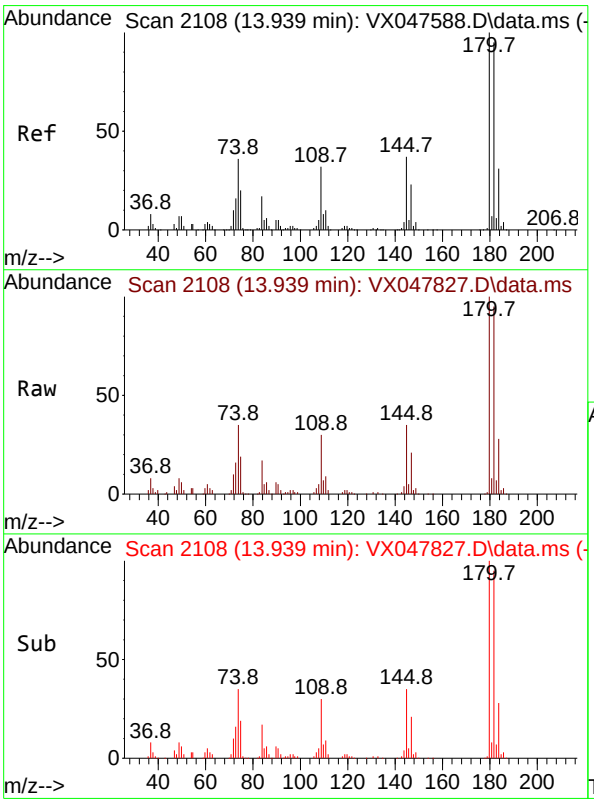
Tgt Ion:128 Resp: 15264

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.1	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

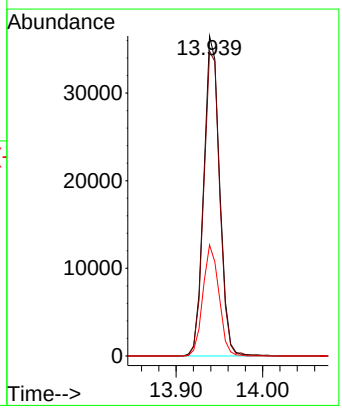




#96
1,2,3-Trichlorobenzene
Concen: 18.988 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:180 Resp: 46519

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.6	142.8
145	34.9	17.9	53.7



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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-1-20250916MS	SDG No.:	Q3128
Lab Sample ID:	Q3128-02MS	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:	Date Analyzed	Prep Batch ID
VX047844.D	1	09/26/25 08:46	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	54.8		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	55.6		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	57.3		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	49.6		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	55.0		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	50.3		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	54.6		0.23	0.75	1.00	ug/L
67-64-1	Acetone	240		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	55.0		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	56.0		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	51.9		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	56.0		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	56.0		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	55.9		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	48.2		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	290		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	49.9		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	56.0		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	55.8		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	56.8		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	53.8		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	43.4		0.16	0.50	1.00	ug/L
71-43-2	Benzene	53.1		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	52.0		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	52.0		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	54.2		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	54.2		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	290		0.68	2.50	5.00	ug/L
108-88-3	Toluene	52.9		0.14	0.50	1.00	ug/L

Raw Data: **VX047844.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-1-20250916MS	SDG No.:	Q3128
Lab Sample ID:	Q3128-02MS	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:	Date Analyzed	Prep Batch ID
VX047844.D	1	09/26/25 08:46	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	47.1		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	46.3		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	55.5		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	280		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	55.8		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	56.3		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	46.9		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	50.3		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	49.2		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	99.6		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	50.2		0.12	0.50	1.00	ug/L
100-42-5	Styrene	50.0		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	52.0		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	46.8		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	52.0		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	46.8		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	46.3		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	48.4		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	49.9		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.2		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	47.3		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.4		81 - 118		111%	SPK: 50
1868-53-7	Dibromofluoromethane	54.1		80 - 119		108%	SPK: 50
2037-26-5	Toluene-d8	51.7		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		85 - 114		106%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	132000	5.544				
540-36-3	1,4-Difluorobenzene	247000	6.751				
3114-55-4	Chlorobenzene-d5	231000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	116000	12.006				

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-1-20250916MS	SDG No.:	Q3128
Lab Sample ID:	Q3128-02MS	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:	Date Analyzed	Prep Batch ID
VX047844.D	1	09/26/25 08:46	VX092525

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\VX092525\
Data File : VX047844.D
Acq On : 26 Sep 2025 08:46
Operator : JC/MD
Sample : Q3128-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Sep 26 22:50:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	132069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	246705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	231070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	116495	55.416	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.840%			
35) Dibromofluoromethane	5.373	113	89487	54.086	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.180%			
50) Toluene-d8	8.635	98	296042	51.710	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.420%			
62) 4-Bromofluorobenzene	11.061	95	114832	52.851	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	74948	54.803	ug/l	98
3) Chloromethane	1.301	50	99996	55.634	ug/l	100
4) Vinyl Chloride	1.380	62	100732	57.252	ug/l	98
5) Bromomethane	1.618	94	55348	49.609	ug/l	100
6) Chloroethane	1.697	64	64634	54.963	ug/l	97
7) Trichlorofluoromethane	1.892	101	139734	53.488	ug/l	100
8) Diethyl Ether	2.136	74	61158	57.229	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	76764	50.253	ug/l	99
10) Methyl Iodide	2.453	142	102956	43.216	ug/l	100
11) Tert butyl alcohol	2.941	59	67494	288.276	ug/l	99
12) 1,1-Dichloroethene	2.325	96	85617	54.564	ug/l	98
13) Acrolein	2.239	56	53414	247.569	ug/l	99
14) Allyl chloride	2.666	41	157419	48.617	ug/l	97
15) Acrylonitrile	3.056	53	273854	315.780	ug/l	98
16) Acetone	2.374	43	221609	242.449	ug/l	98
17) Carbon Disulfide	2.514	76	236094	54.962	ug/l	98
18) Methyl Acetate	2.703	43	105509	51.867	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	320677	55.984	ug/l	100
20) Methylene Chloride	2.788	84	108422	56.038	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	94528	55.955	ug/l	97
22) Diisopropyl ether	3.757	45	353333	56.306	ug/l	92
23) Vinyl Acetate	3.715	43	1144109	227.805	ug/l	100
24) 1,1-Dichloroethane	3.605	63	186484	55.912	ug/l	99
25) 2-Butanone	4.544	43	335542	294.295	ug/l	99
26) 2,2-Dichloropropane	4.471	77	71490	25.785	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	115845	55.994	ug/l	93
28) Bromochloromethane	4.885	49	81184	55.755	ug/l	99
29) Tetrahydrofuran	4.995	42	208479	303.953	ug/l	99
30) Chloroform	5.087	83	191435	56.799	ug/l	99
31) Cyclohexane	5.458	56	133903	48.203	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	153731	53.774	ug/l	99
36) 1,1-Dichloropropene	5.684	75	120109	49.680	ug/l	99
37) Ethyl Acetate	4.702	43	120166	46.421	ug/l	100
38) Carbon Tetrachloride	5.666	117	130981	49.863	ug/l	94
39) Methylcyclohexane	7.367	83	119007	43.364	ug/l	97
40) Benzene	6.025	78	389677	53.067	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047844.D
Acq On : 26 Sep 2025 08:46
Operator : JC/MD
Sample : Q3128-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Sep 26 22:50:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	77682	58.128	ug/l		98
42) 1,2-Dichloroethane	6.074	62	145148	51.951	ug/l		97
43) Isopropyl Acetate	6.324	43	203803	48.004	ug/l		100
44) Trichloroethene	7.111	130	92274	51.977	ug/l		97
45) 1,2-Dichloropropane	7.415	63	101818	54.150	ug/l		98
46) Dibromomethane	7.568	93	74435	54.400	ug/l		98
47) Bromodichloromethane	7.806	83	152927	54.162	ug/l		99
48) Methyl methacrylate	7.678	41	114358	54.077	ug/l		98
49) 1,4-Dioxane	7.647	88	29427	1376.912	ug/l		98
51) 4-Methyl-2-Pentanone	8.561	43	692293	294.104	ug/l		100
52) Toluene	8.708	92	239323	52.900	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	135623	47.091	ug/l		96
54) cis-1,3-Dichloropropene	8.354	75	142444	46.273	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	96822	55.503	ug/l		98
56) Ethyl methacrylate	9.104	69	151998	55.482	ug/l		97
57) 1,3-Dichloropropane	9.293	76	168824	56.337	ug/l		100
59) 2-Hexanone	9.415	43	481056	284.550	ug/l		99
60) Dibromochloromethane	9.506	129	112095	55.768	ug/l		99
61) 1,2-Dibromoethane	9.592	107	100115	56.345	ug/l		99
64) Tetrachloroethene	9.256	164	70646	46.899	ug/l		98
65) Chlorobenzene	10.061	112	264245	50.337	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	92060	50.821	ug/l		98
67) Ethyl Benzene	10.177	91	446063	49.248	ug/l		99
68) m/p-Xylenes	10.287	106	335889	99.632	ug/l		99
69) o-Xylene	10.628	106	163837	50.244	ug/l		97
70) Styrene	10.640	104	285635	49.992	ug/l		98
71) Bromoform	10.781	173	70377	52.031	ug/l	#	98
73) Isopropylbenzene	10.945	105	412643	46.783	ug/l		99
74) N-amyl acetate	10.829	43	159428	39.637	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	138696	51.973	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	106464m	45.323	ug/l		
77) Bromobenzene	11.183	156	104389	48.052	ug/l		98
78) n-propylbenzene	11.287	91	484363	46.453	ug/l		100
79) 2-Chlorotoluene	11.348	91	300372	47.034	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	338016	46.644	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	32880	35.695	ug/l		99
82) 4-Chlorotoluene	11.439	91	351815	46.645	ug/l		98
83) tert-Butylbenzene	11.695	119	341819	46.077	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	342872	46.668	ug/l		100
85) sec-Butylbenzene	11.872	105	398208	45.192	ug/l		100
86) p-Isopropyltoluene	11.988	119	334025	44.776	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	188962	46.830	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	191613	46.268	ug/l		99
89) n-Butylbenzene	12.317	91	303246	43.932	ug/l		99
90) Hexachloroethane	12.518	117	60001	45.812	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	186196	48.435	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26943	49.867	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	113030	45.241	ug/l		98
94) Hexachlorobutadiene	13.707	225	34213	40.316	ug/l		99
95) Naphthalene	13.756	128	368844	48.482	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	110016	47.338	ug/l		99

Sample Results: **VX047844.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047844.D
Acq On : 26 Sep 2025 08:46
Operator : JC/MD
Sample : Q3128-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Sep 26 22:50:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations APPROVED

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Supervised By :Mahesh Dadoda 09/29/2025

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\VX092525\
Data File : VX047844.D
Acq On : 26 Sep 2025 08:46
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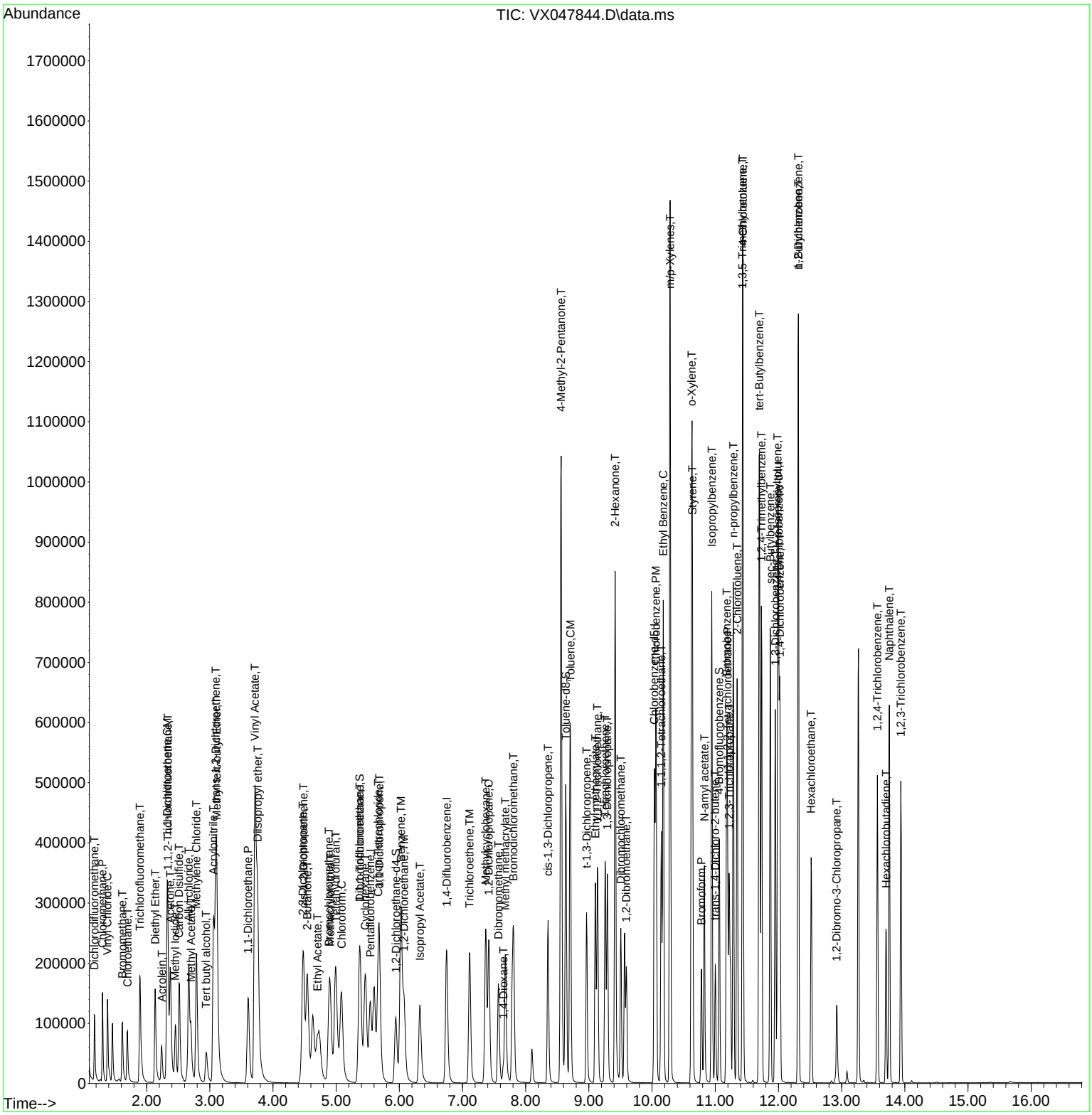
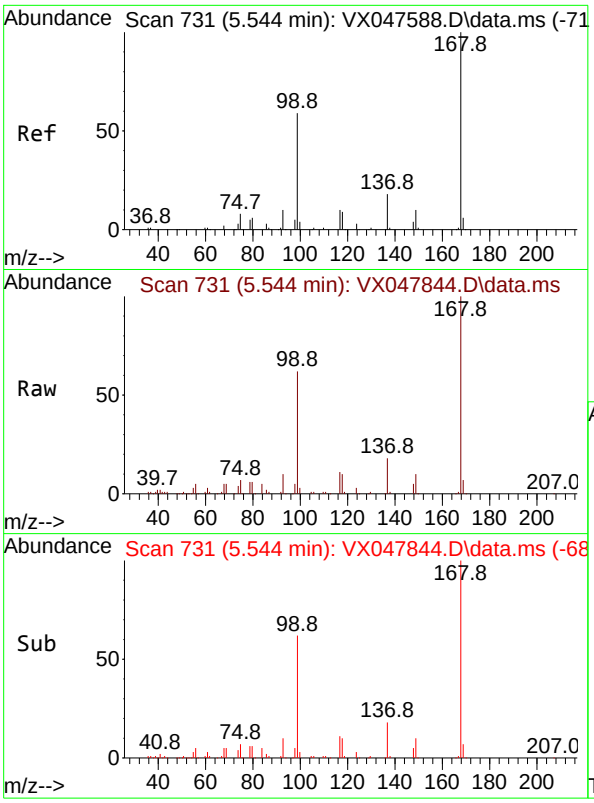
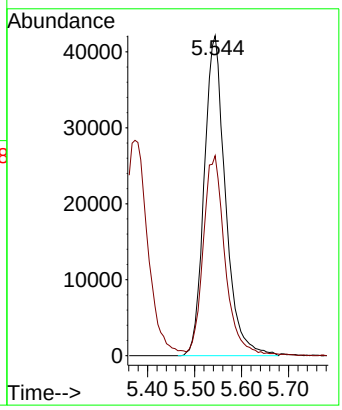




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:168 Resp: 13206

Ion	Ratio	Lower	Upper
168	100		
99	62.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations
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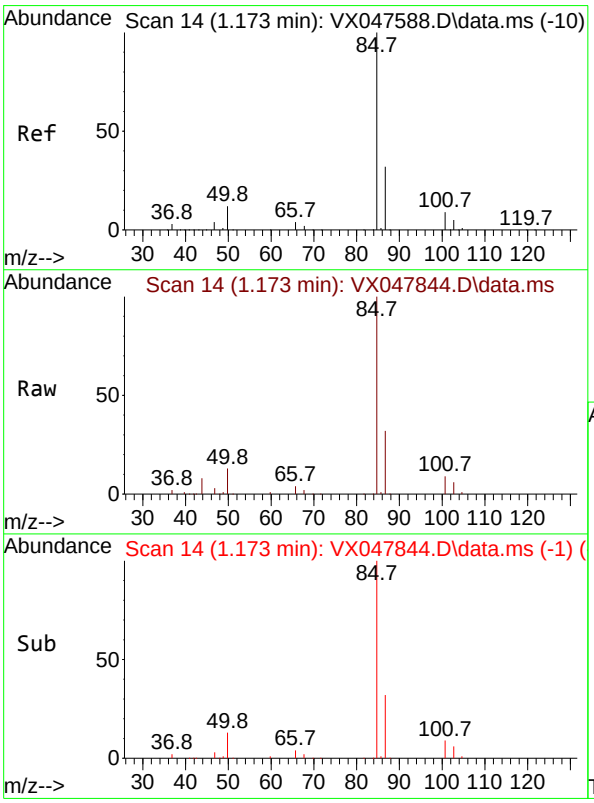
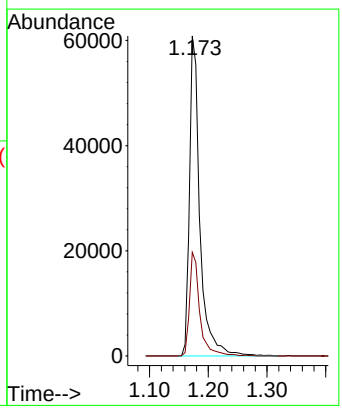
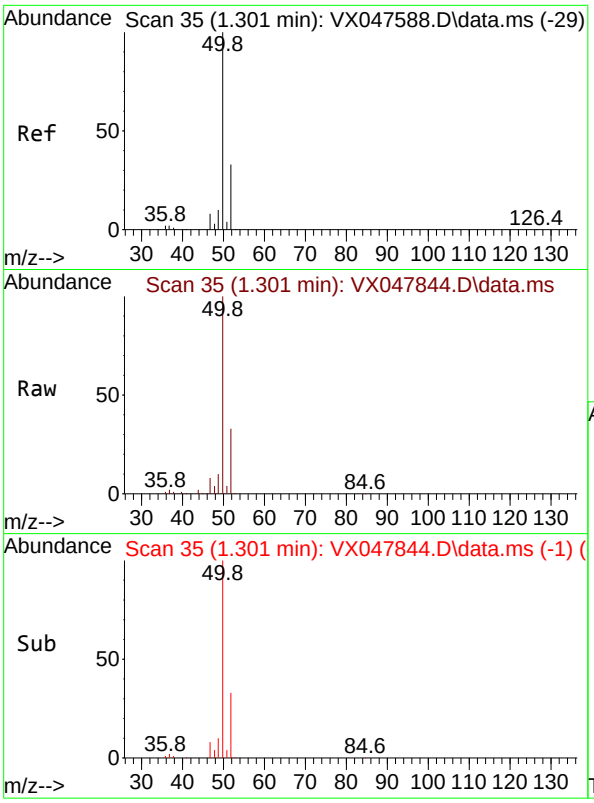


#2
Dichlorodifluoromethane
Concen: 54.803 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 85 Resp: 74948

Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.8	47.3

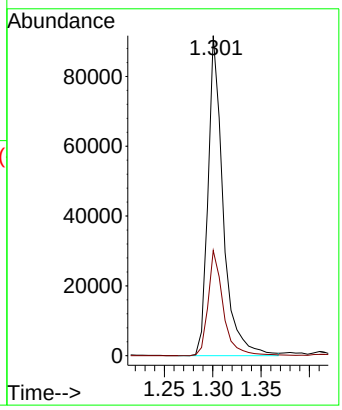




#3
Chloromethane
Concen: 55.634 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 50 Resp: 9999

Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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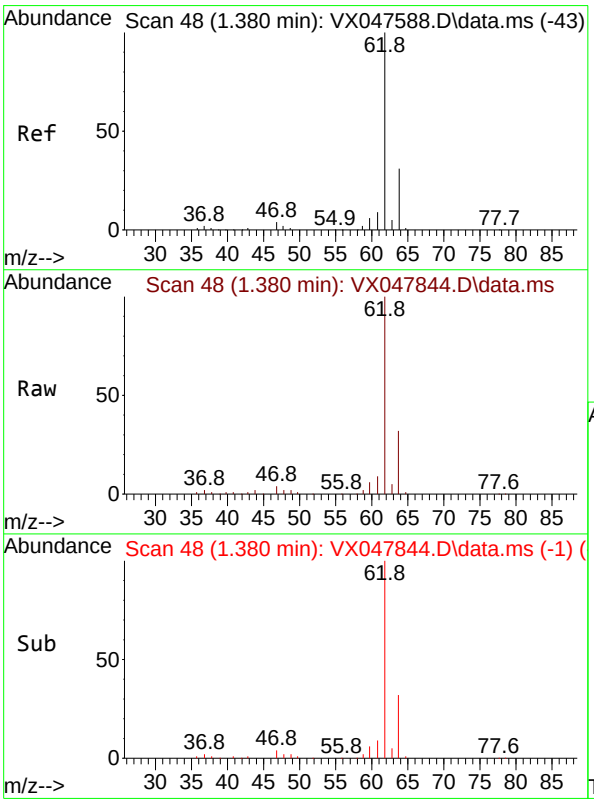
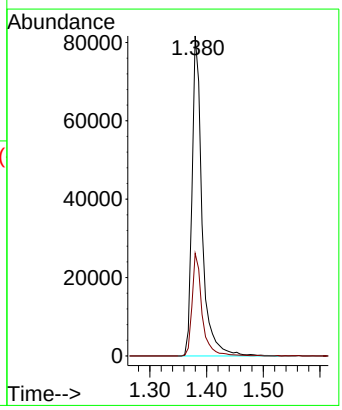
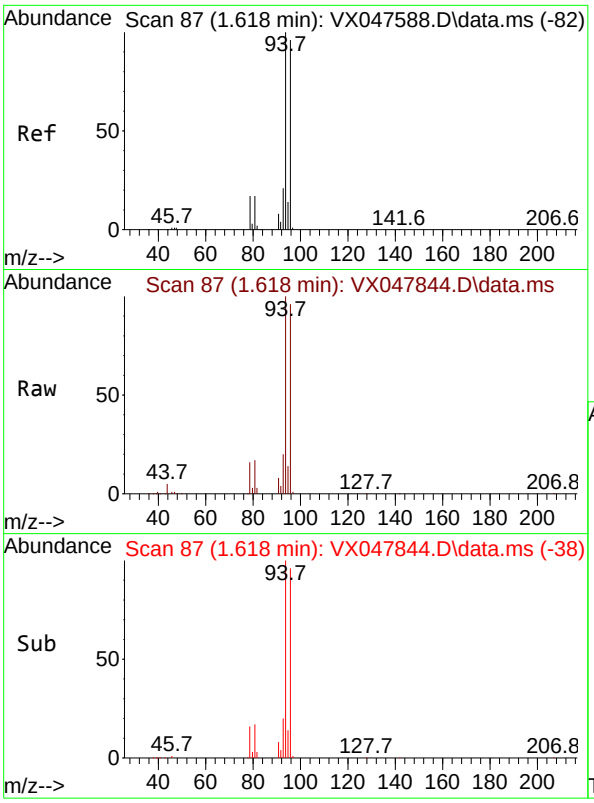


#4
Vinyl Chloride
Concen: 57.252 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 62 Resp: 100732

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.9	37.3





#5
Bromomethane
Concen: 49.609 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 94 Resp: 5534

Ion	Ratio	Lower	Upper
94	100		
96	95.6	76.6	115.0

Instrument :
MSVOA_X
ClientSampleId :
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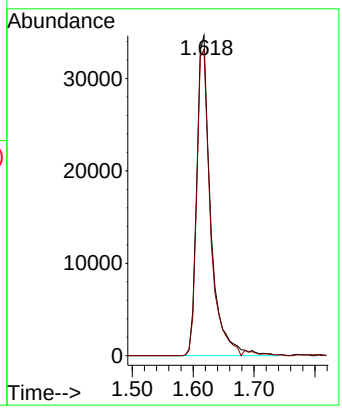
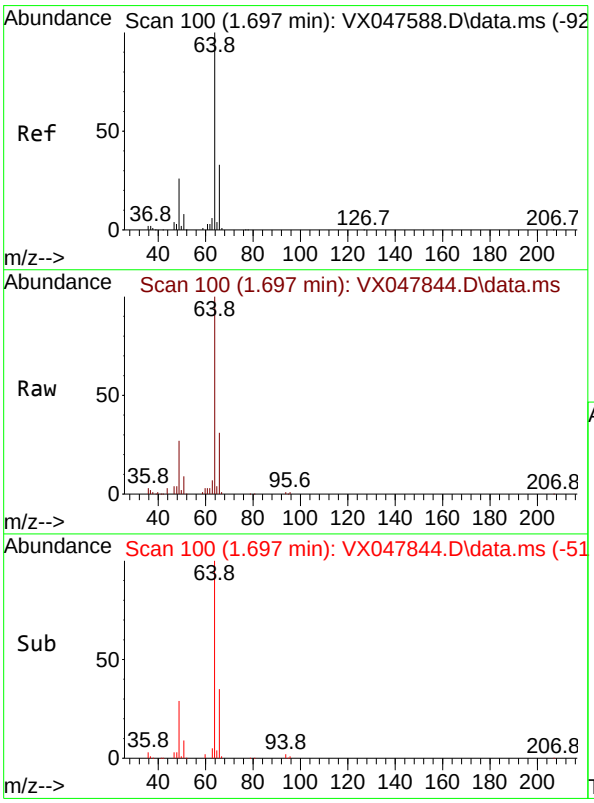
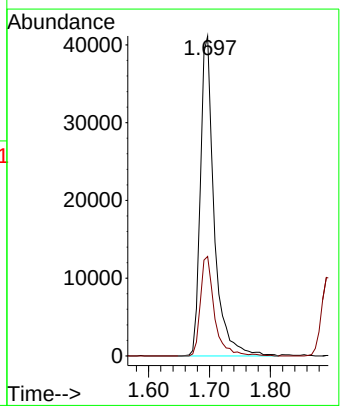


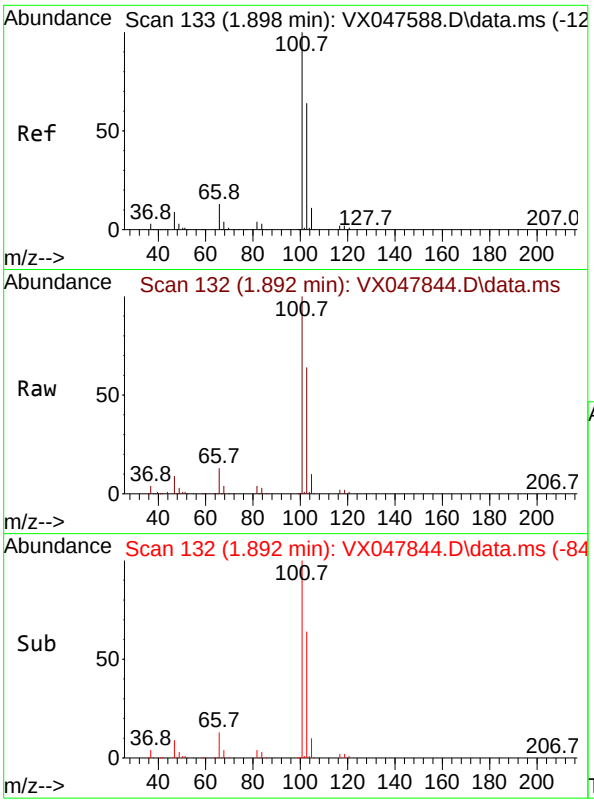


#6
Chloroethane
Concen: 54.963 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 64 Resp: 64634

Ion	Ratio	Lower	Upper
64	100		
66	31.1	26.1	39.1





#7
Trichlorofluoromethane
Concen: 53.488 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:101 Resp: 13973

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
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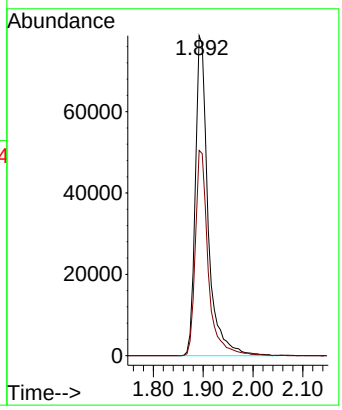
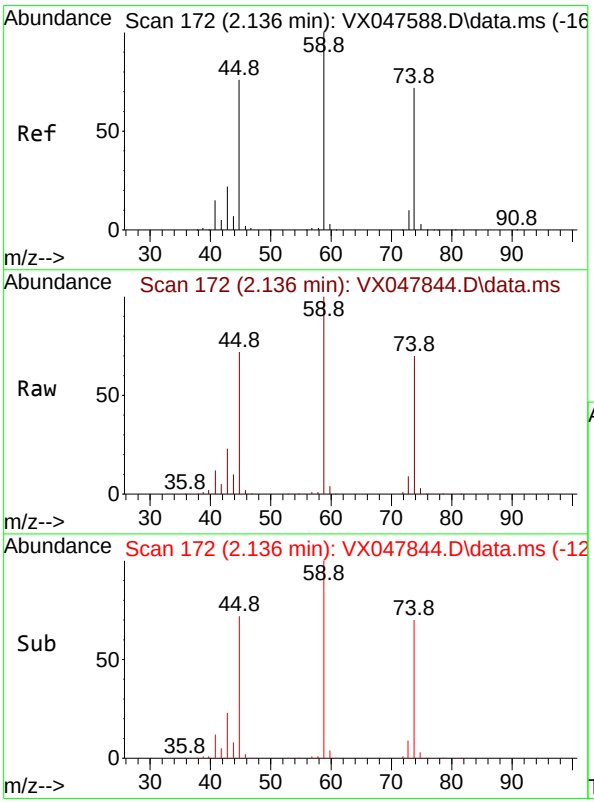
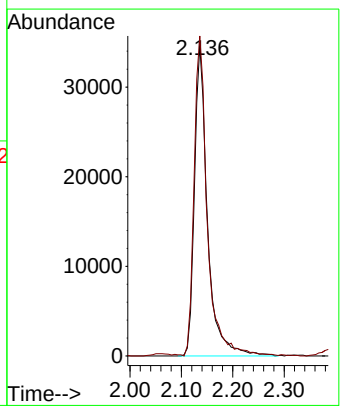


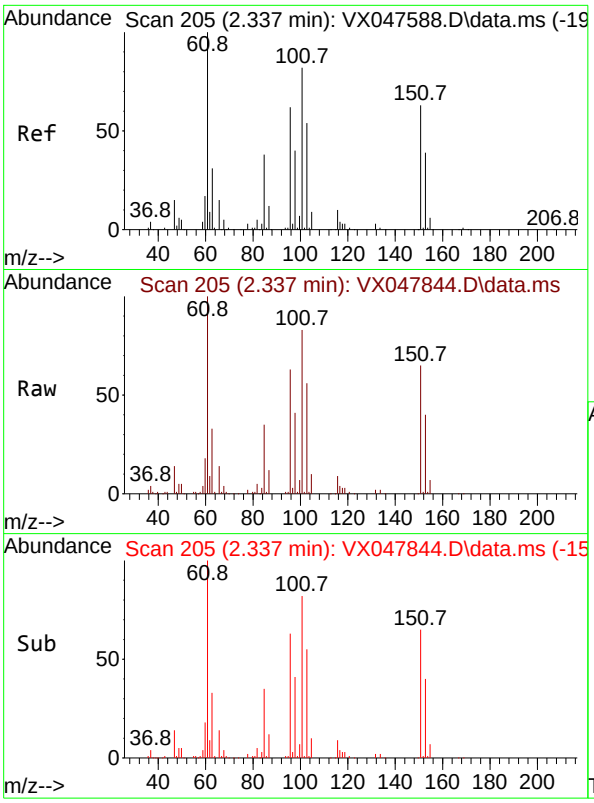


#8
Diethyl Ether
Concen: 57.229 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 74 Resp: 61158

Ion	Ratio	Lower	Upper
74	100		
45	103.8	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.253 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:101 Resp: 7676

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.5	53.3
151	73.6	59.4	89.0

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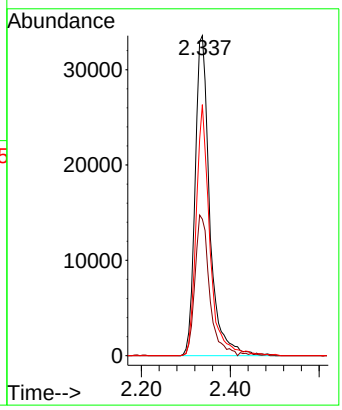
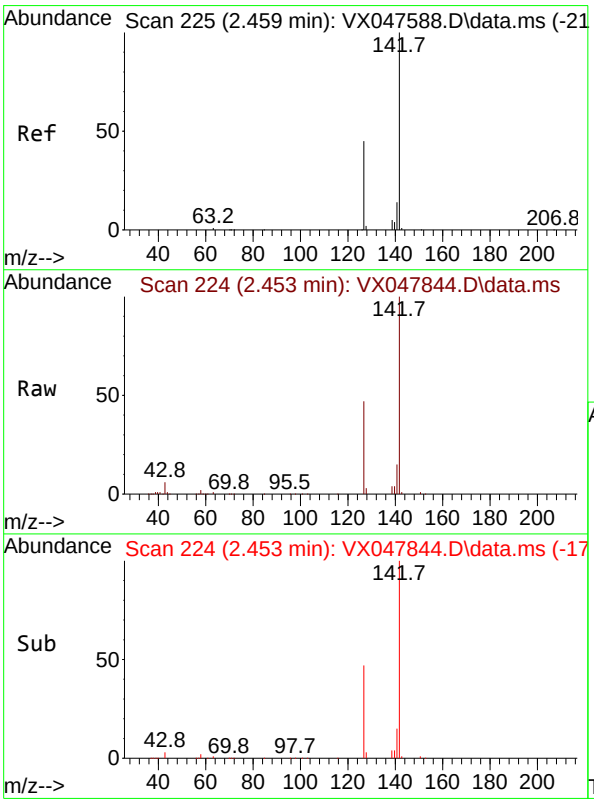
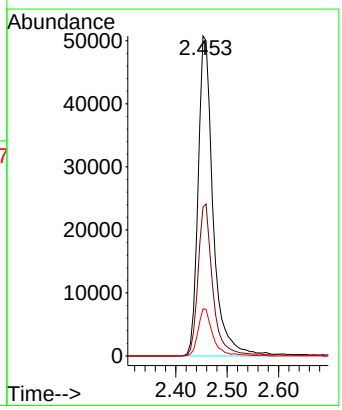


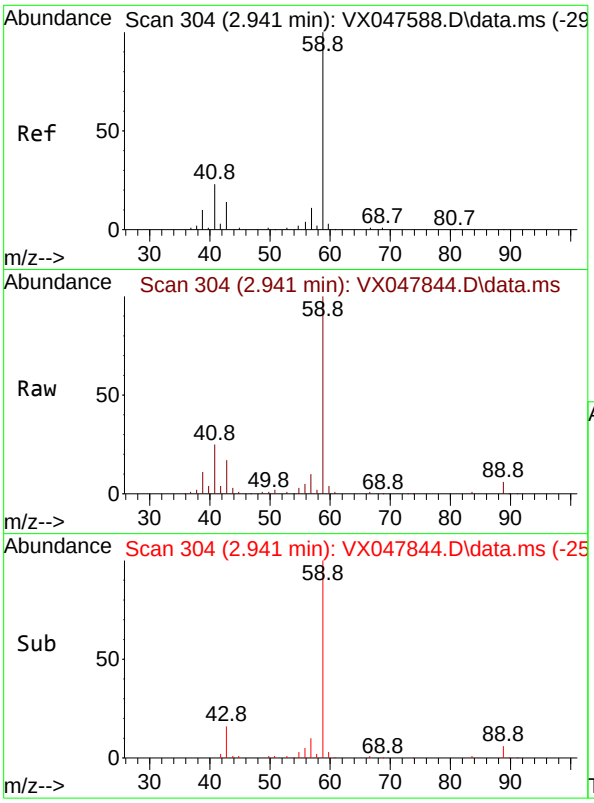


#10
Methyl Iodide
Concen: 43.216 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:142 Resp: 102956

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.2	55.8
141	14.5	11.4	17.0





#11
Tert butyl alcohol
Concen: 288.276 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 59 Resp: 6749

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

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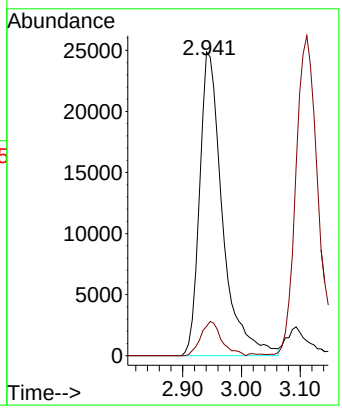
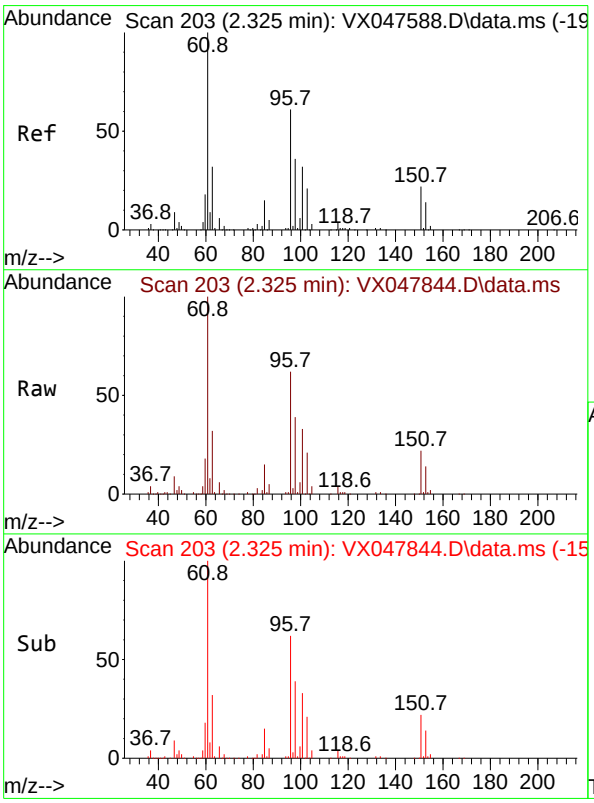
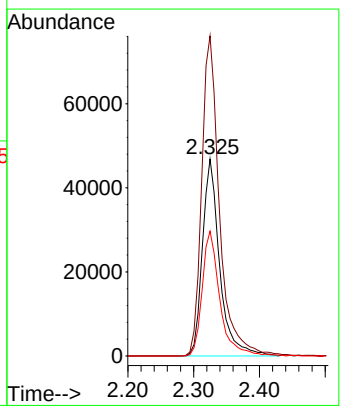


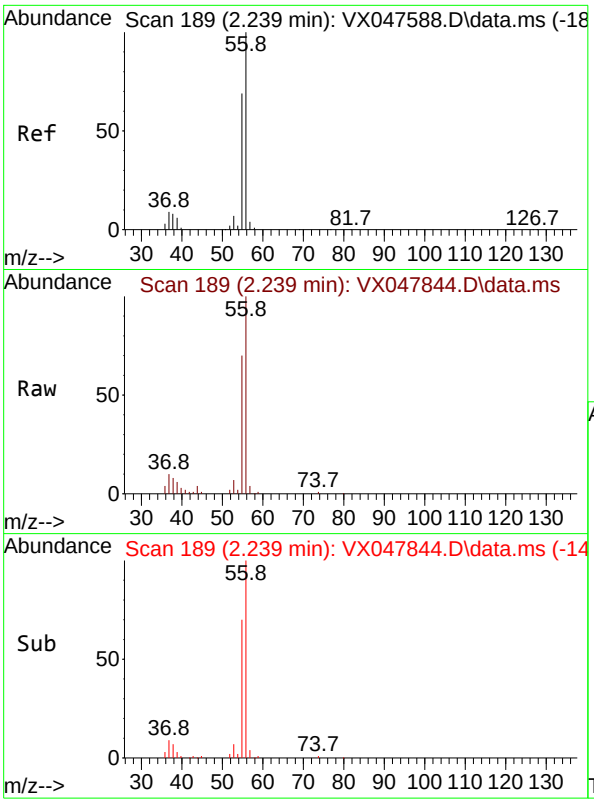


#12
1,1-Dichloroethene
Concen: 54.564 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 96 Resp: 85617

Ion	Ratio	Lower	Upper
96	100		
61	162.5	131.0	196.6
98	63.3	47.7	71.5

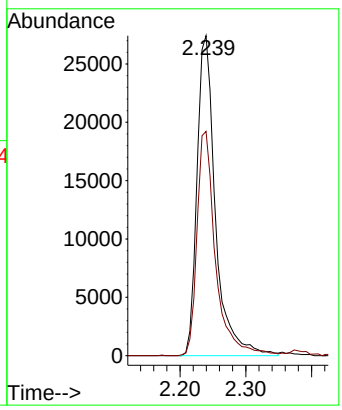




#13
Acrolein
Concen: 247.569 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 56 Resp: 5341

Ion	Ratio	Lower	Upper
56	100		
55	70.6	57.2	85.8



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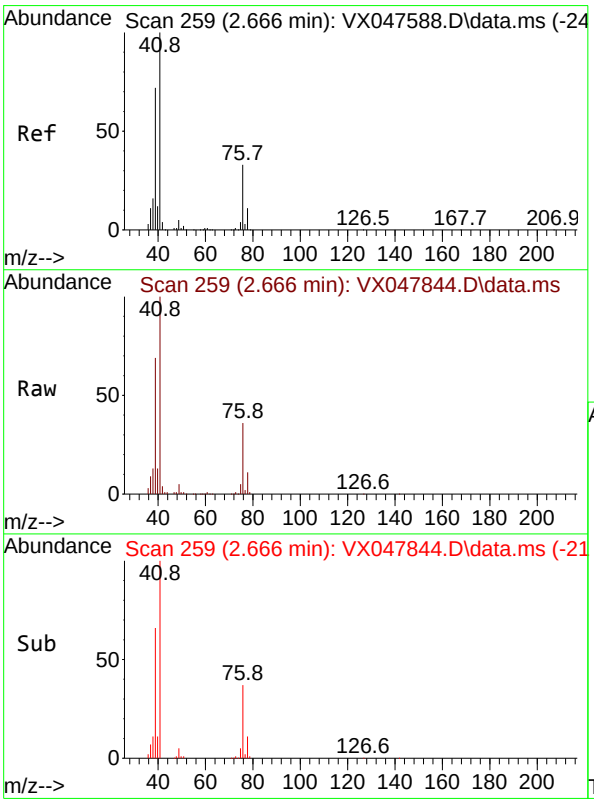
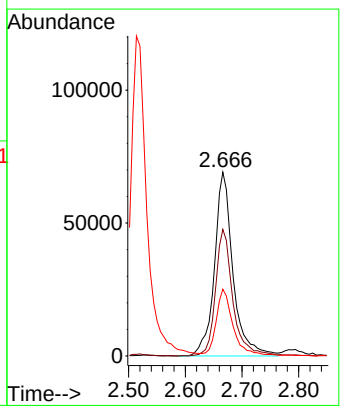
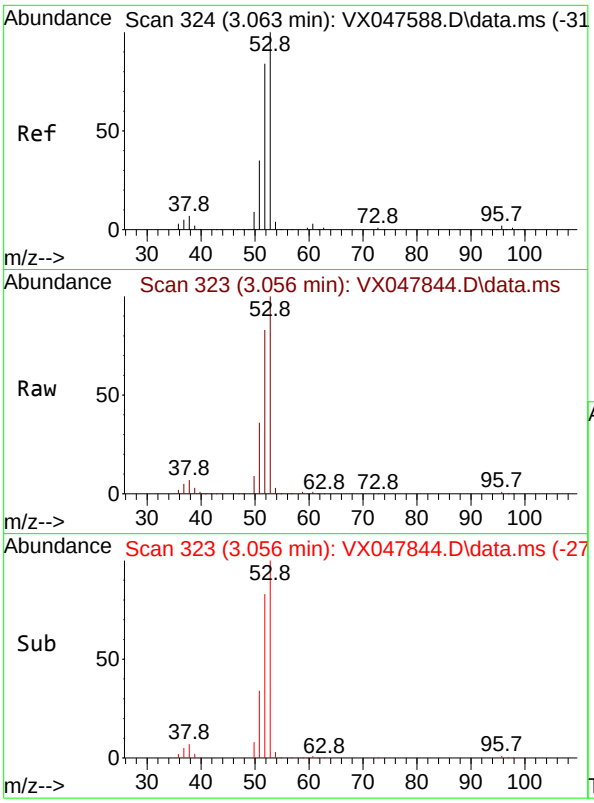


#14
Allyl chloride
Concen: 48.617 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 41 Resp: 157419

Ion	Ratio	Lower	Upper
41	100		
39	65.2	54.7	82.1
76	32.0	25.7	38.5

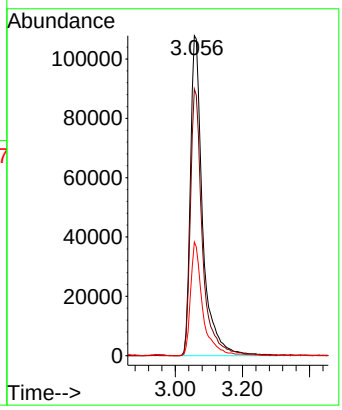




#15
Acrylonitrile
Concen: 315.780 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 53 Resp: 27385

Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.4	99.6
51	35.4	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 09/29/2025
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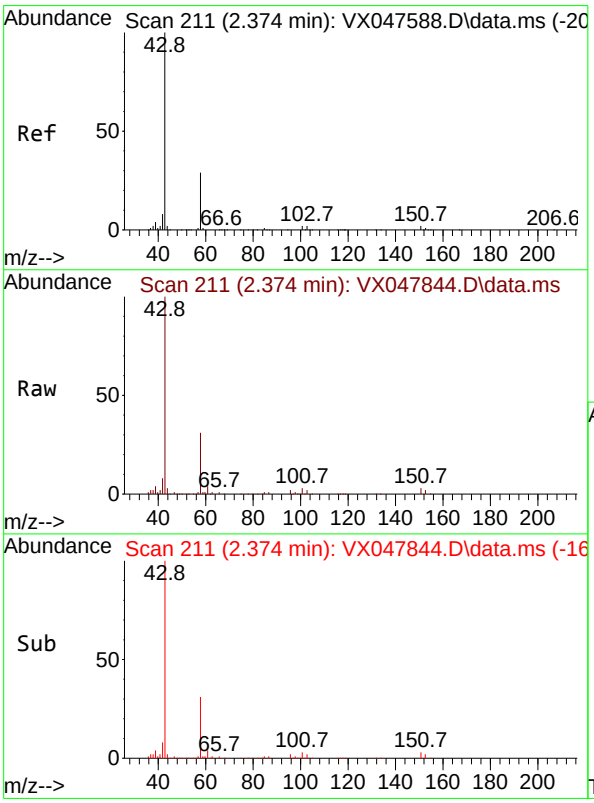
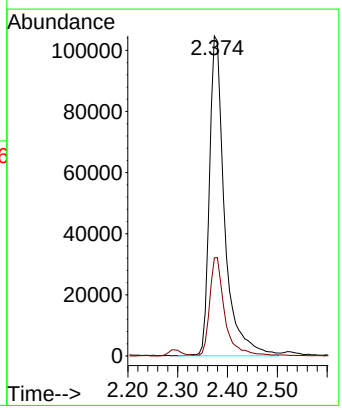
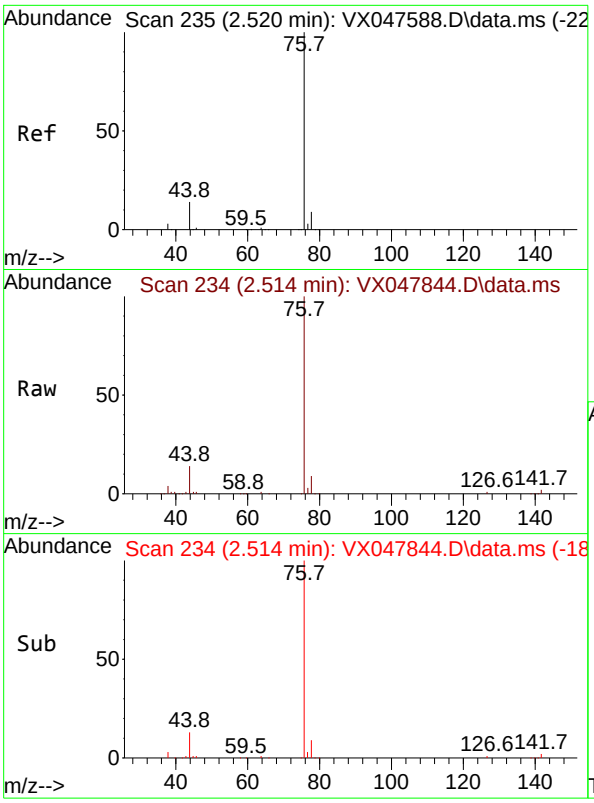


#16
Acetone
Concen: 242.449 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 43 Resp: 221609

Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.4	35.0





#17
Carbon Disulfide
Concen: 54.962 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 76 Resp: 23609

Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.8	10.2

Instrument :
MSVOA_X
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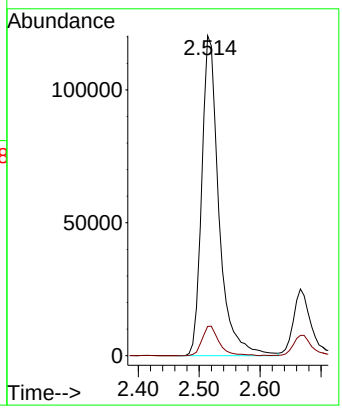
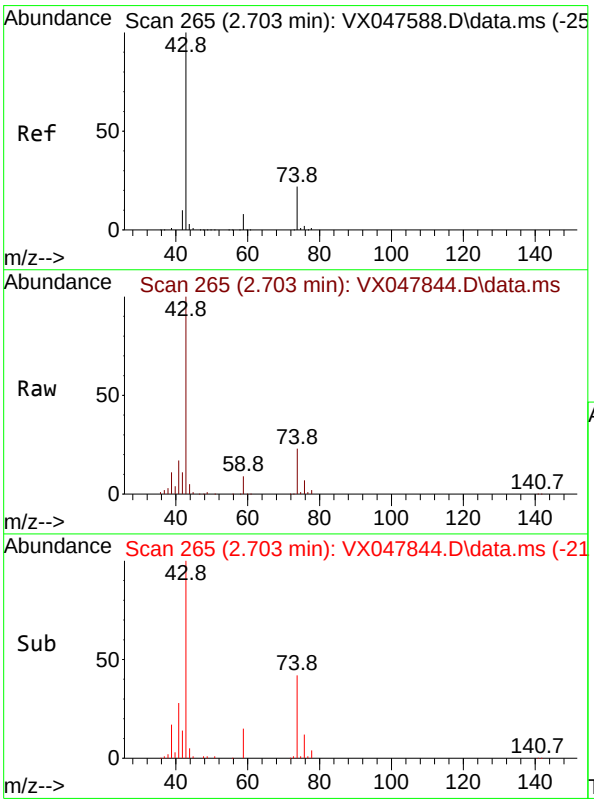
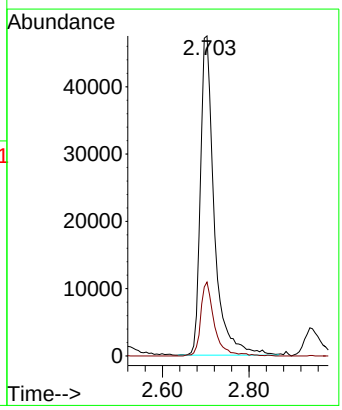


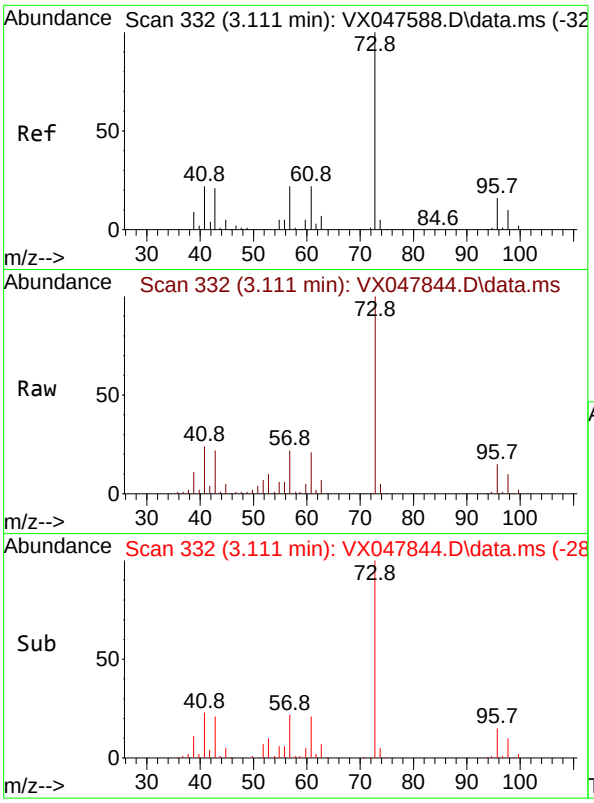


#18
Methyl Acetate
Concen: 51.867 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 43 Resp: 105509

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.4	26.2





#19
Methyl tert-butyl Ether
Concen: 55.984 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 73 Resp: 32067

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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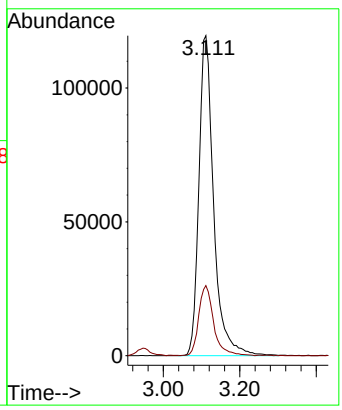
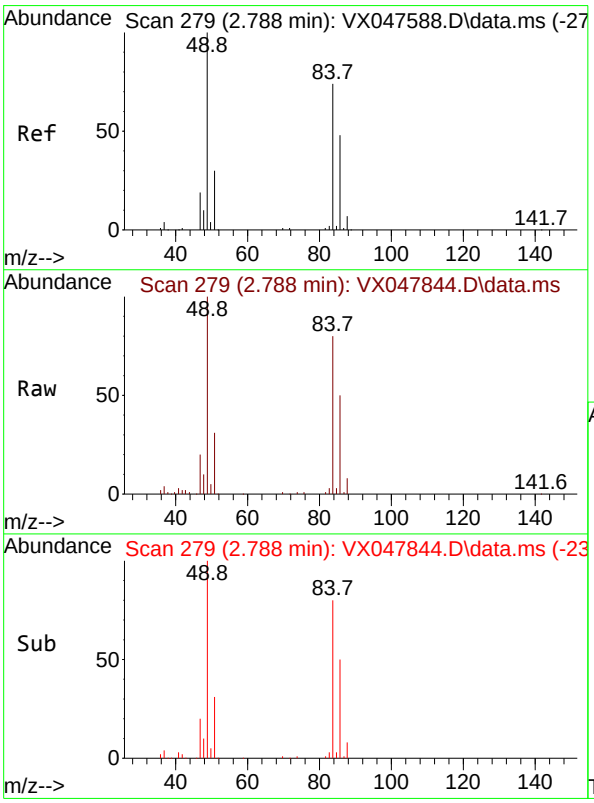
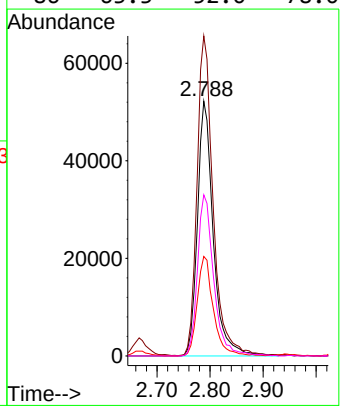


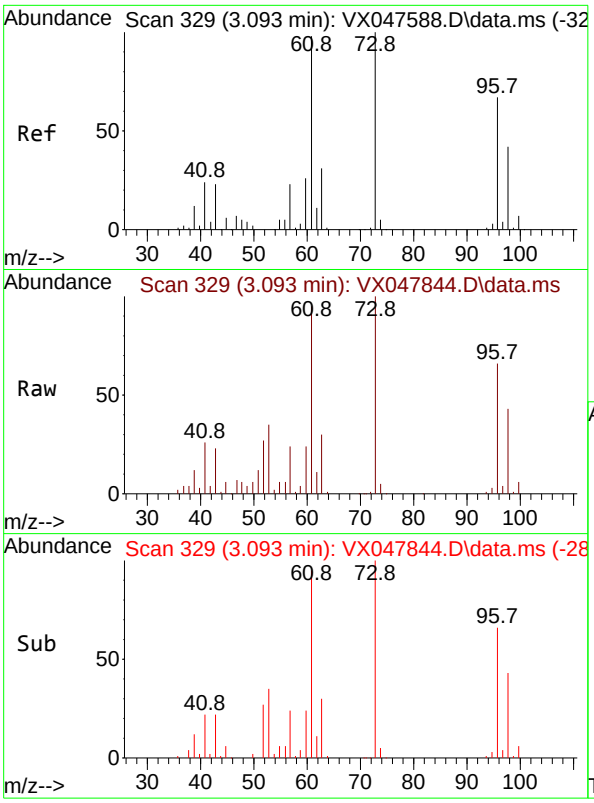


#20
Methylene Chloride
Concen: 56.038 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 84 Resp: 108422

Ion	Ratio	Lower	Upper
84	100		
49	125.5	108.6	162.8
51	39.0	32.6	48.8
86	63.3	52.0	78.0

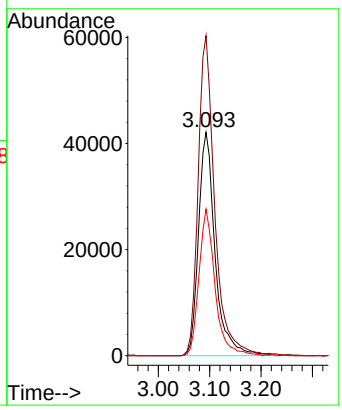




#21
trans-1,2-Dichloroethene
Concen: 55.955 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 96 Resp: 9452

Ion	Ratio	Lower	Upper
96	100		
61	143.3	116.2	174.2
98	65.6	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
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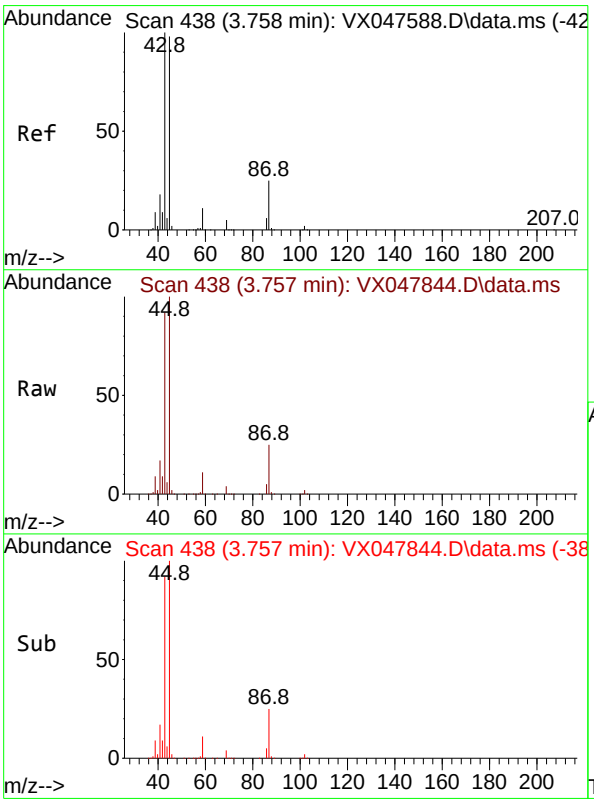
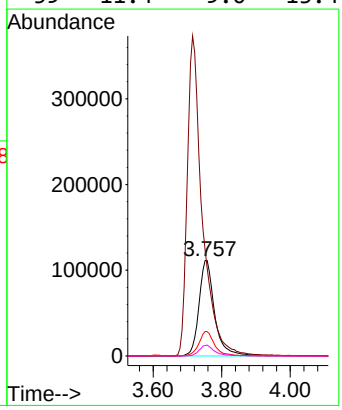
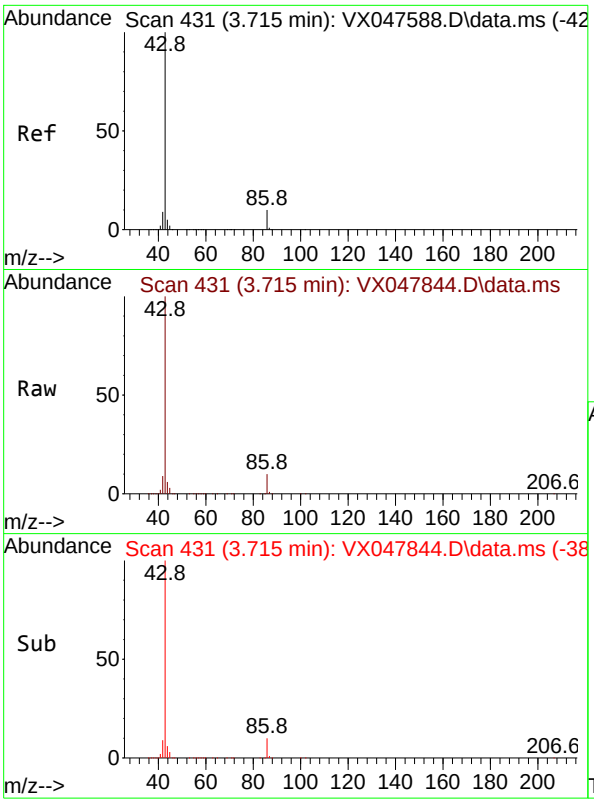


#22
Diisopropyl ether
Concen: 56.306 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 45 Resp: 353333

Ion	Ratio	Lower	Upper
45	100		
43	90.9	81.0	121.4
87	25.4	20.3	30.5
59	11.4	9.0	13.4





#23
Vinyl Acetate
Concen: 227.805 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 43 Resp: 114410

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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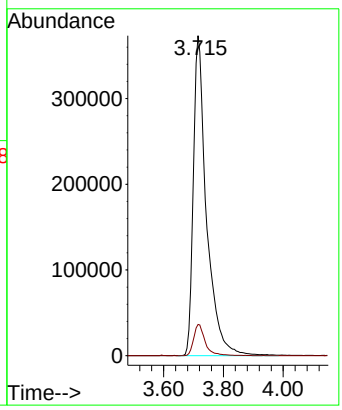
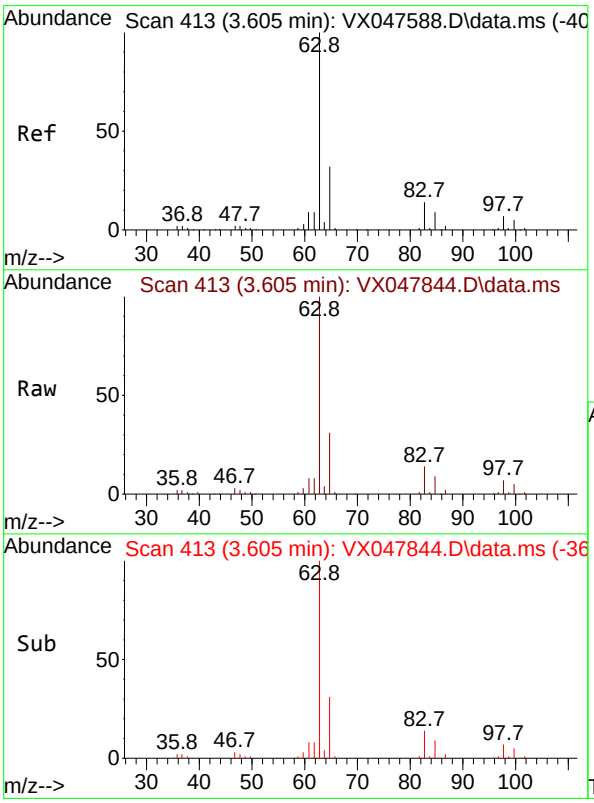
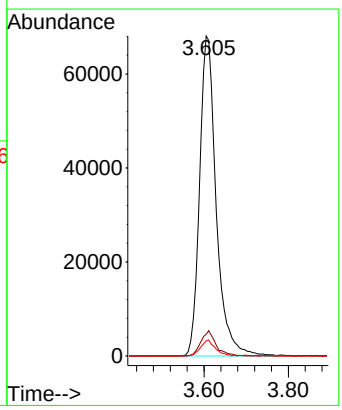


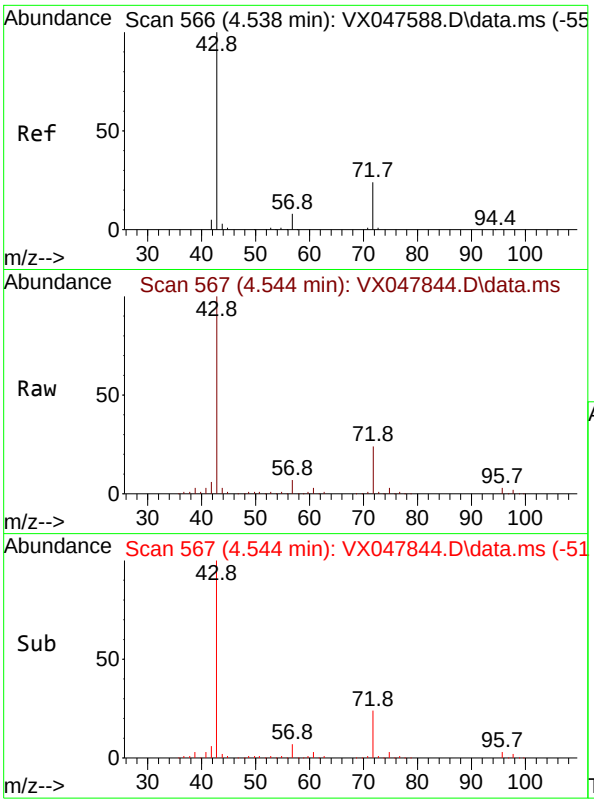


#24
1,1-Dichloroethane
Concen: 55.912 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 63 Resp: 186484

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.7	2.3	6.9





#25
2-Butanone
Concen: 294.295 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 43 Resp: 33554

Ion	Ratio	Lower	Upper
43	100		
72	24.5	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
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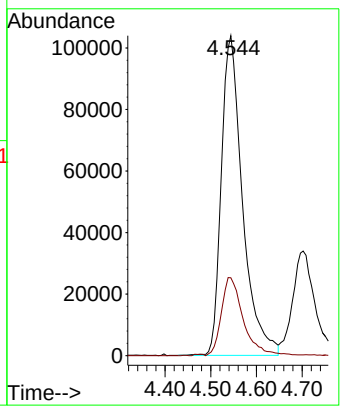
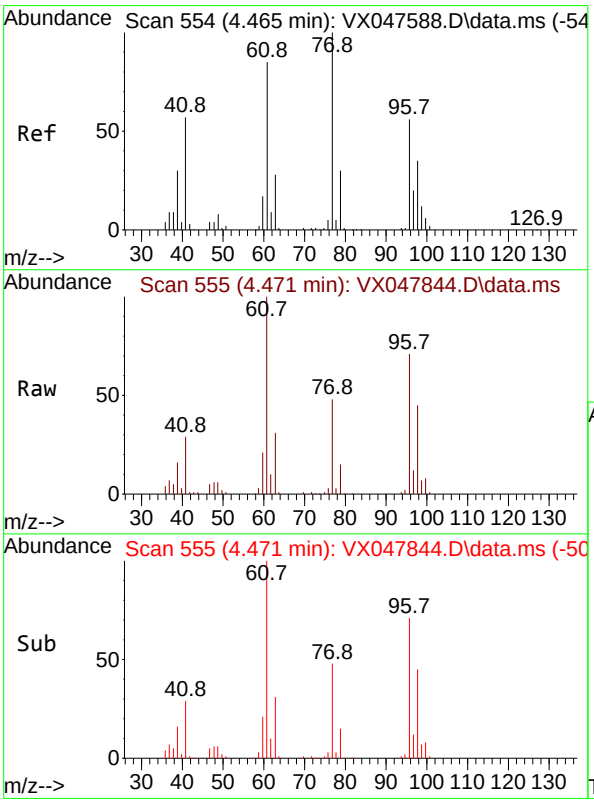
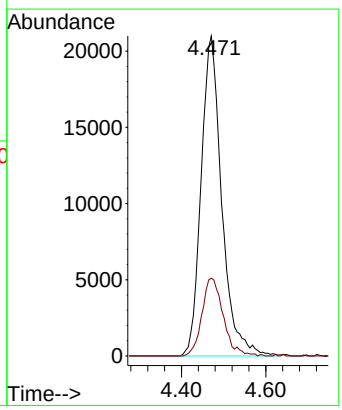


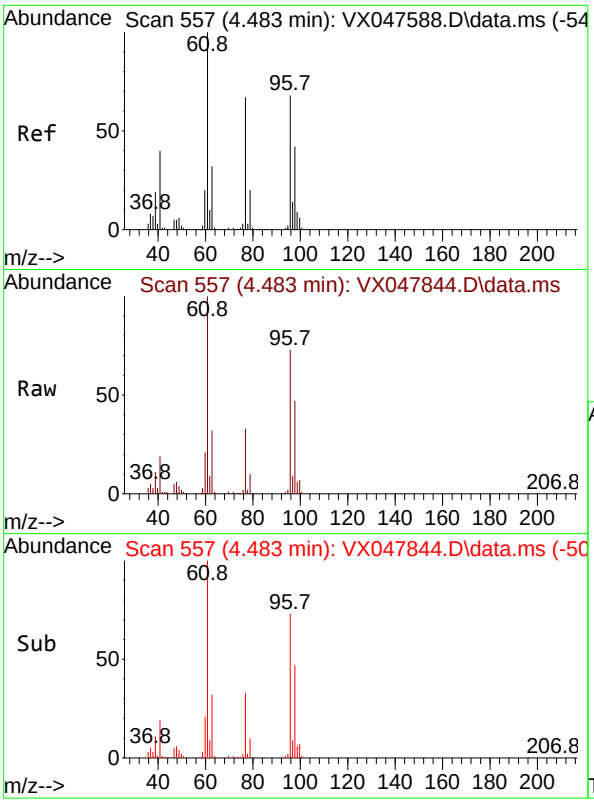


#26
2,2-Dichloropropane
Concen: 25.785 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 77 Resp: 71490

Ion	Ratio	Lower	Upper
77	100		
97	25.0	10.9	32.7





#27
cis-1,2-Dichloroethene
Concen: 55.994 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 96 Resp: 11584

Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	303.2
98	64.2	0.0	127.8

Instrument :
MSVOA_X
ClientSampleId :
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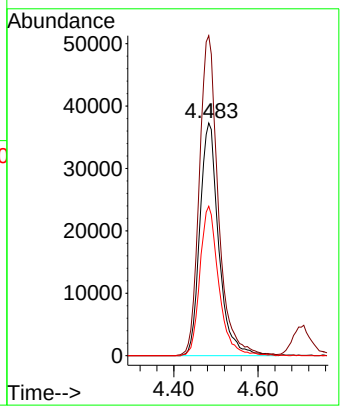
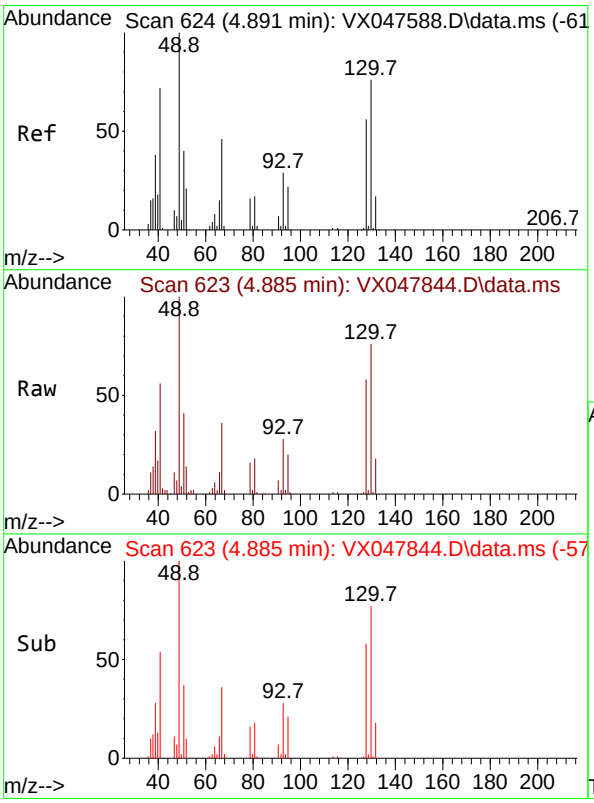
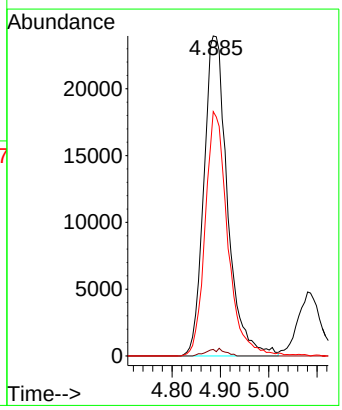


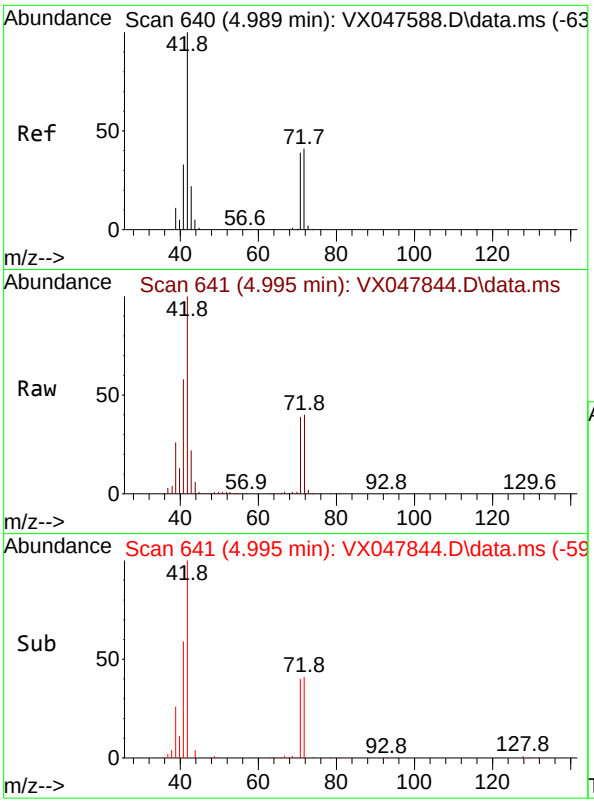


#28
Bromochloromethane
Concen: 55.755 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 49 Resp: 81184

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.2
130	72.9	57.8	86.8





#29
Tetrahydrofuran
Concen: 303.953 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 42 Resp: 20847

Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.2	51.2
71	40.3	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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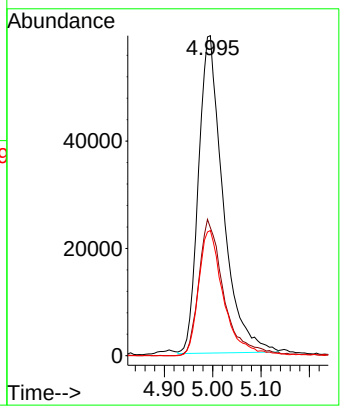
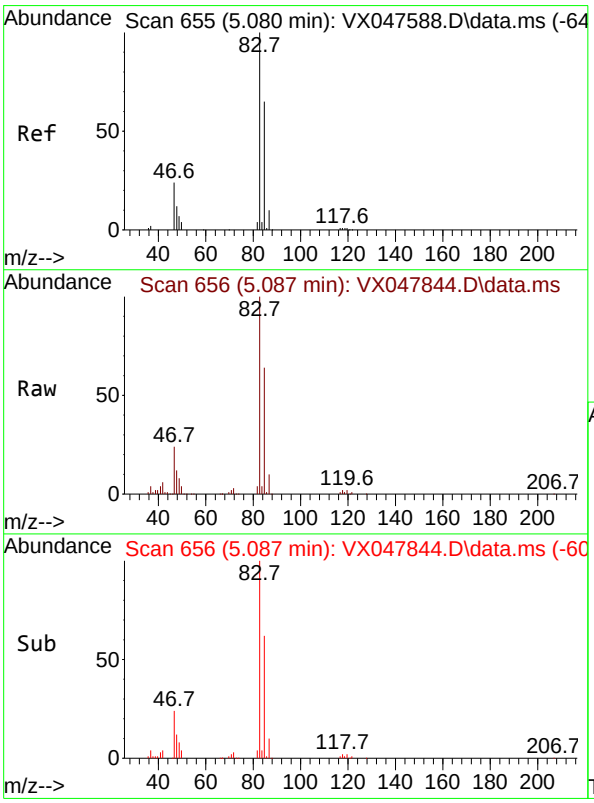
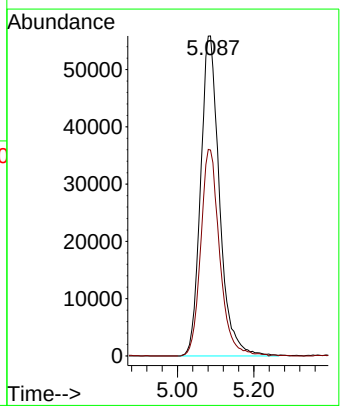


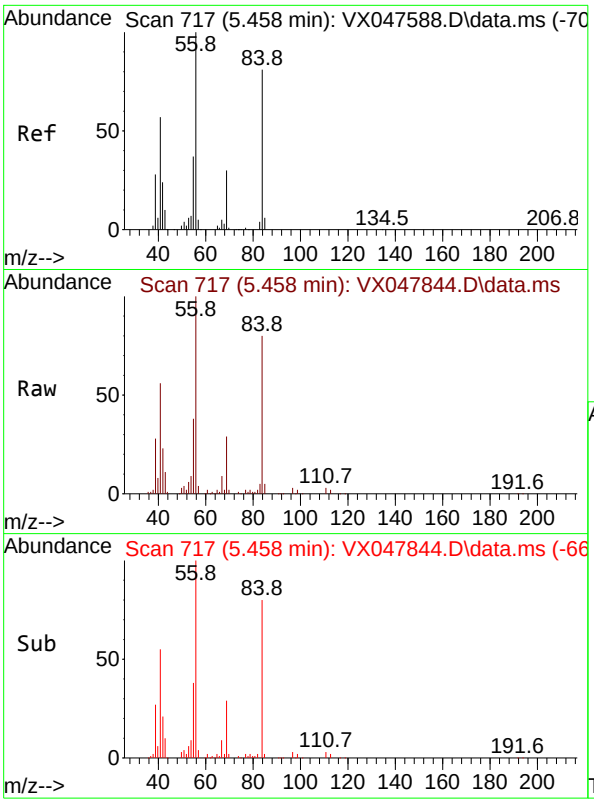


#30
Chloroform
Concen: 56.799 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 83 Resp: 191435

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6





#31
Cyclohexane
Concen: 48.203 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 56 Resp: 13390

Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.8	35.8
84	79.9	64.6	97.0

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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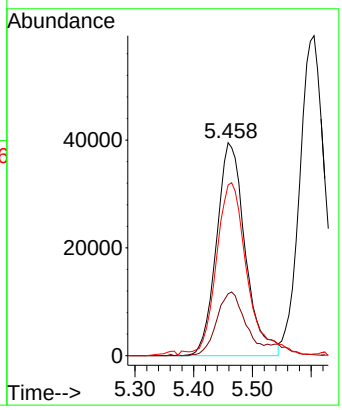
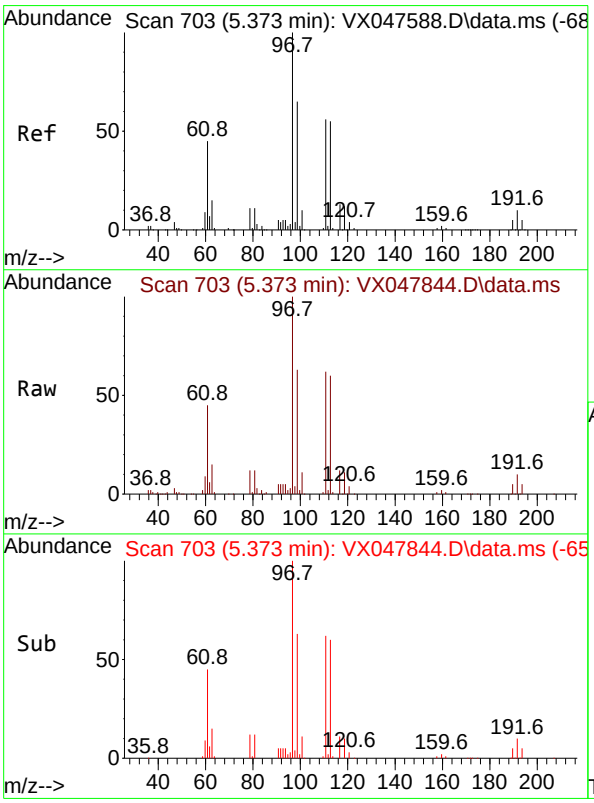
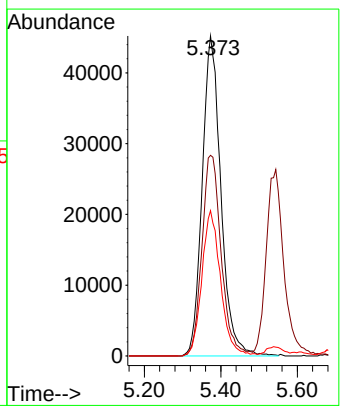


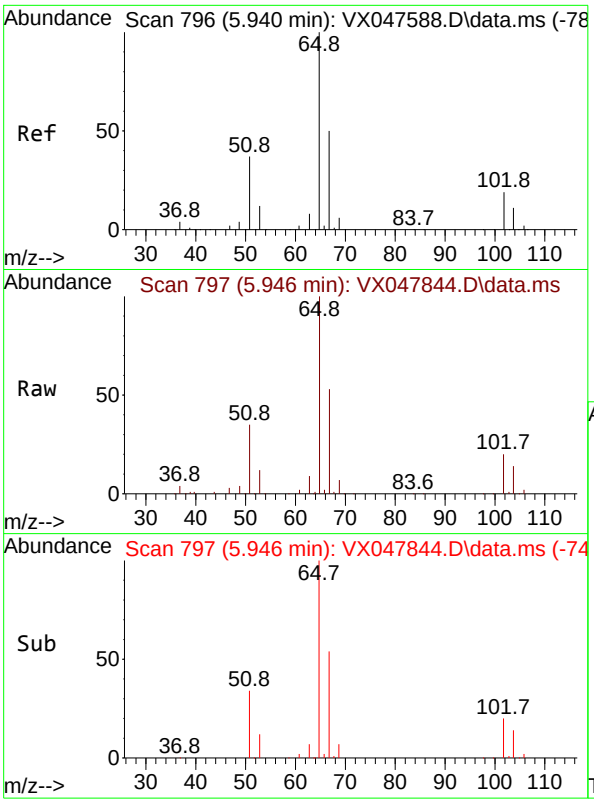


#32
1,1,1-Trichloroethane
Concen: 53.774 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 97 Resp: 153731

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.6	76.0
61	45.5	35.8	53.8





#33
1,2-Dichloroethane-d4
Concen: 55.416 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 65 Resp: 11649

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.0

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
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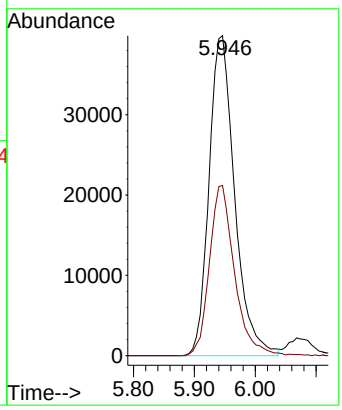
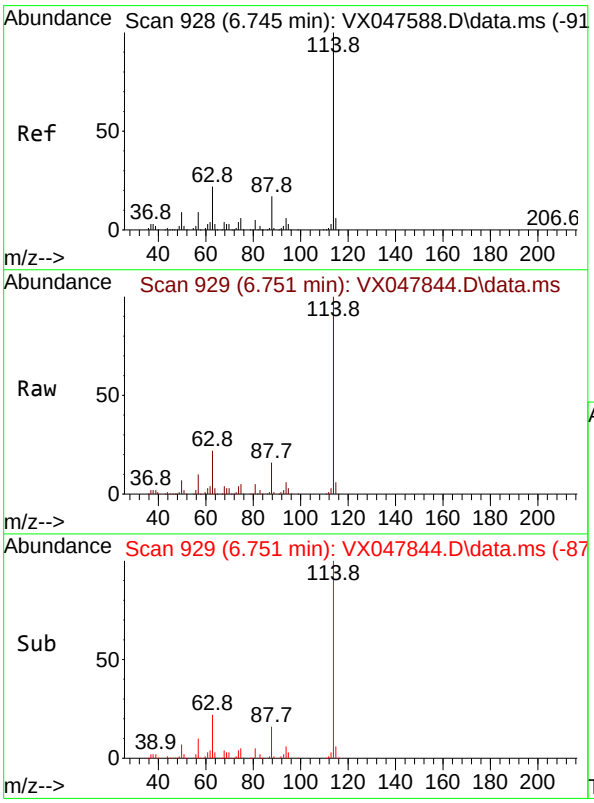
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

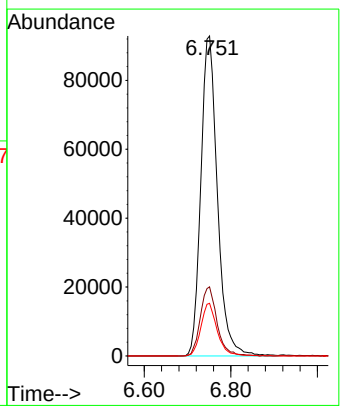


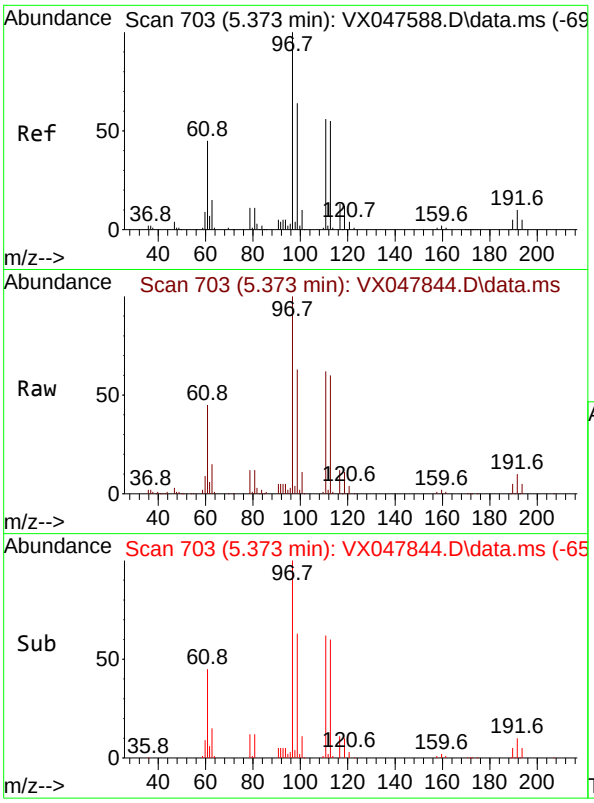


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:114 Resp: 246705

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	16.4	0.0	34.2





#35
Dibromofluoromethane
Concen: 54.086 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:113 Resp: 8948

Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.9	121.3
192	17.8	14.2	21.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
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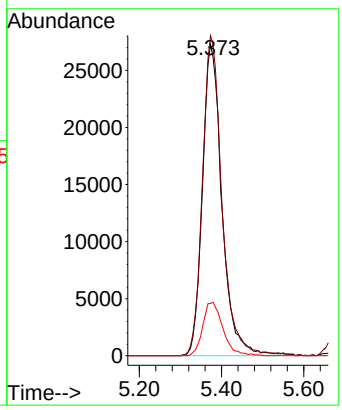
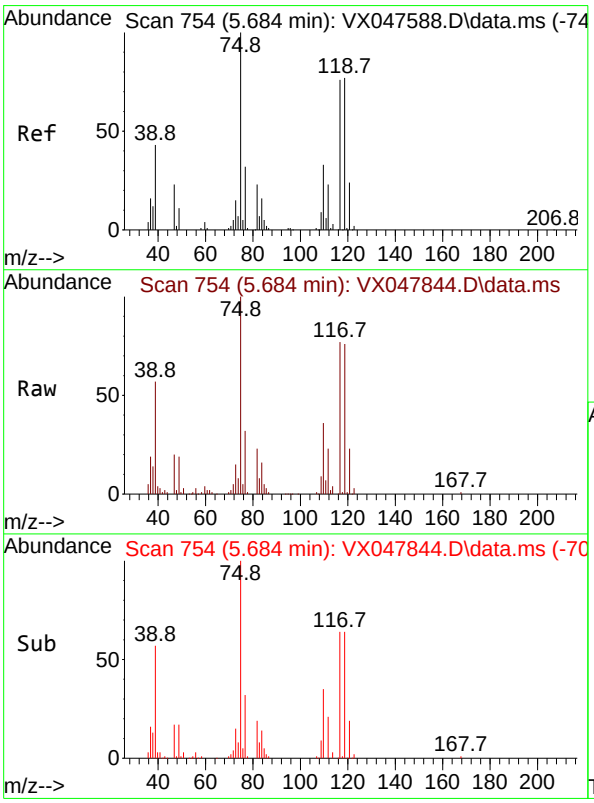
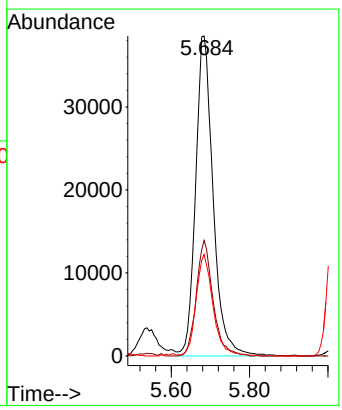


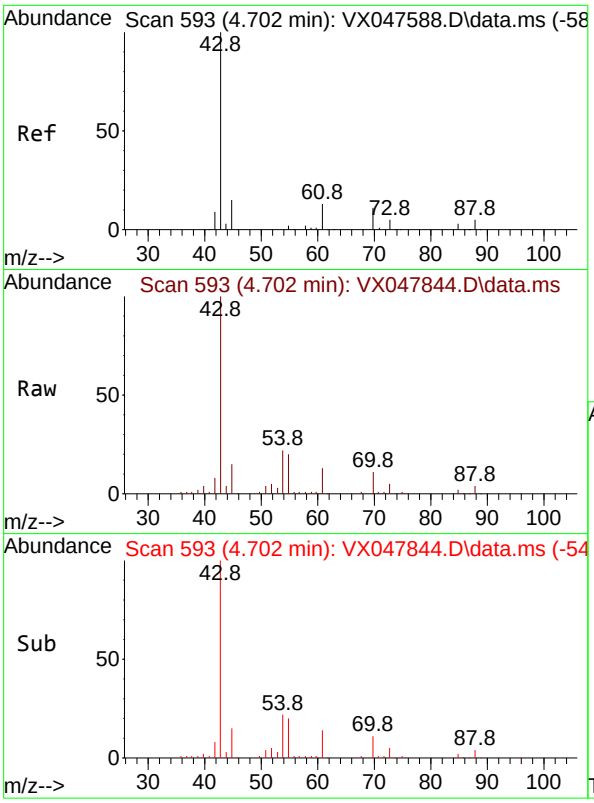


#36
1,1-Dichloropropene
Concen: 49.680 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 75 Resp: 120109

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.7	50.1
77	30.7	24.3	36.5





#37
Ethyl Acetate
Concen: 46.421 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 43 Resp: 12016

Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.8	14.8
70	9.7	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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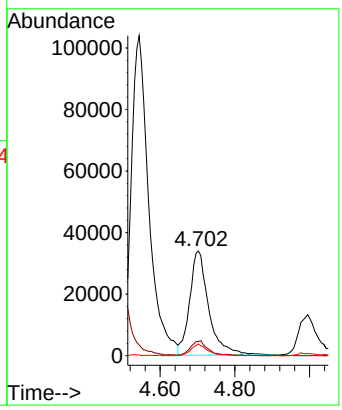
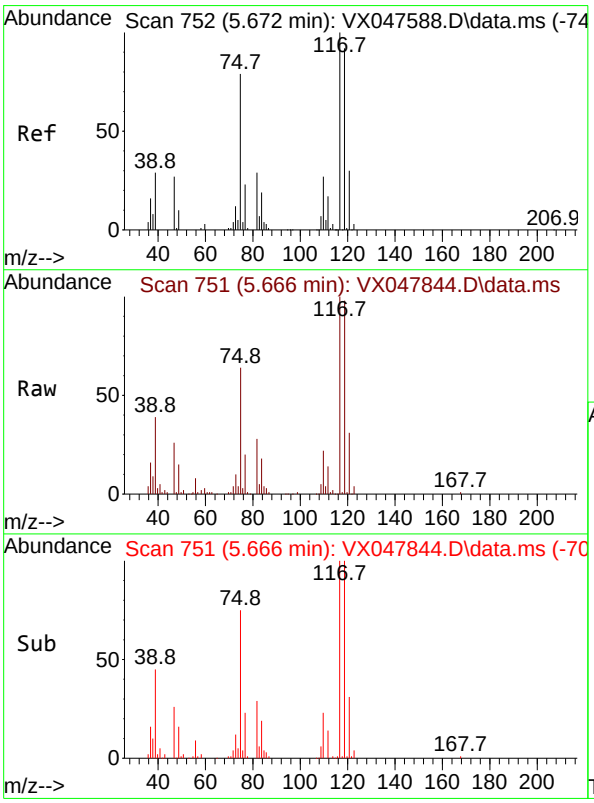
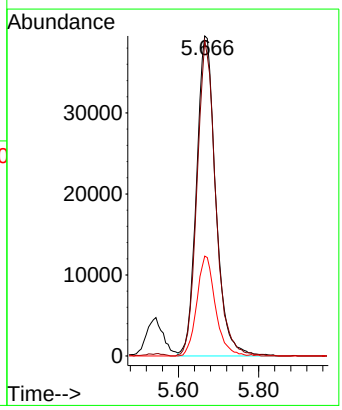


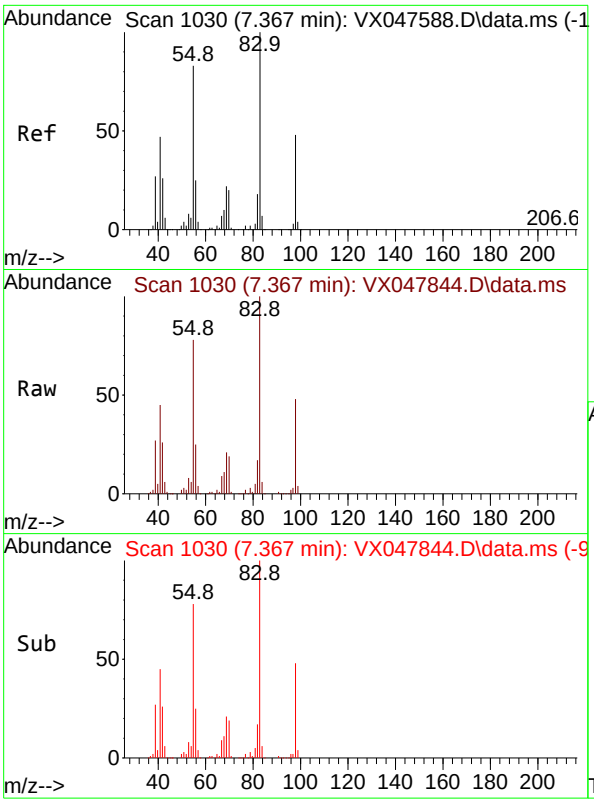


#38
Carbon Tetrachloride
Concen: 49.863 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:117 Resp: 130981

Ion	Ratio	Lower	Upper
117	100		
119	98.4	73.4	110.2
121	31.2	23.8	35.6





#39
Methylcyclohexane
Concen: 43.364 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 83 Resp: 11900

Ion	Ratio	Lower	Upper
83	100		
55	78.3	66.4	99.6
98	47.5	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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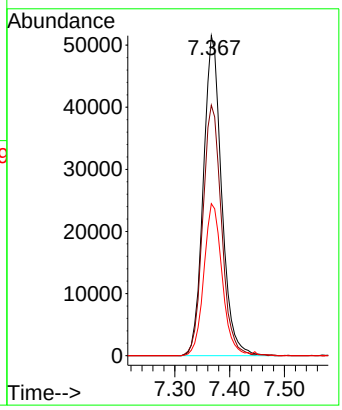
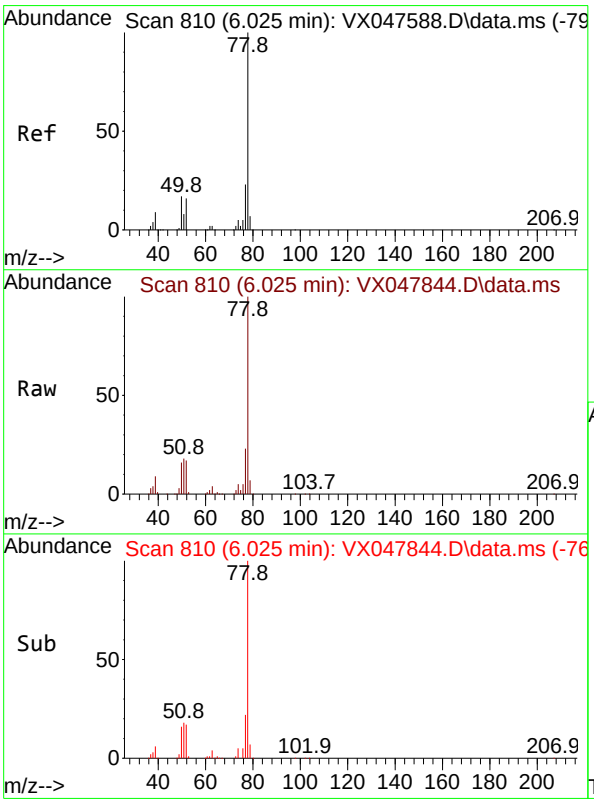
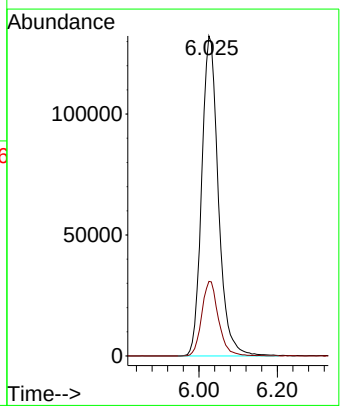


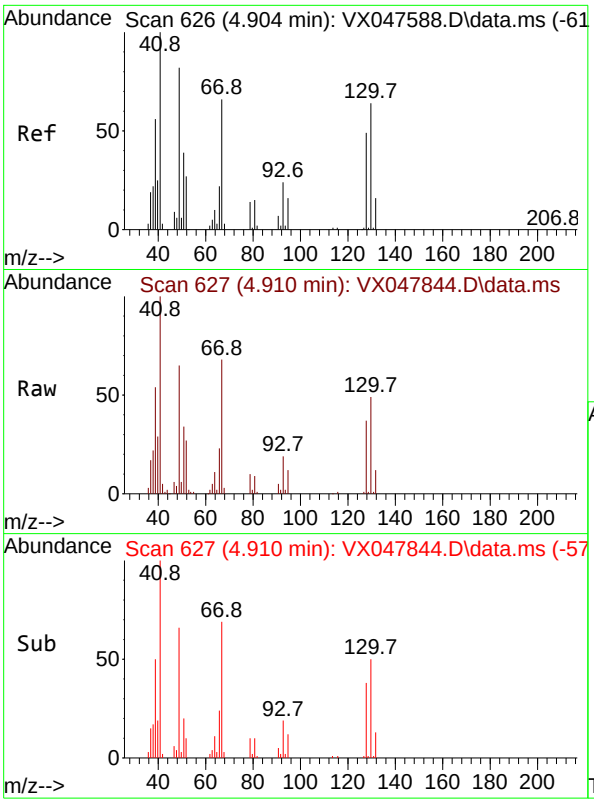


#40
Benzene
Concen: 53.067 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 78 Resp: 389677

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2

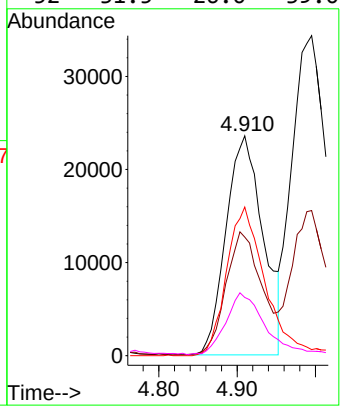




#41
Methacrylonitrile
Concen: 58.128 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 41 Resp: 7768

Ion	Ratio	Lower	Upper
41	100		
39	52.6	43.3	64.9
67	71.6	58.6	87.8
52	31.5	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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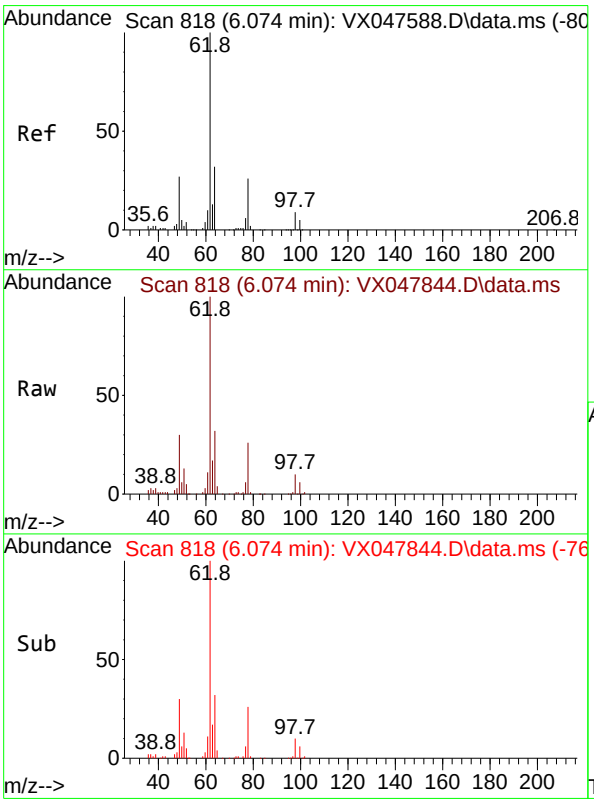
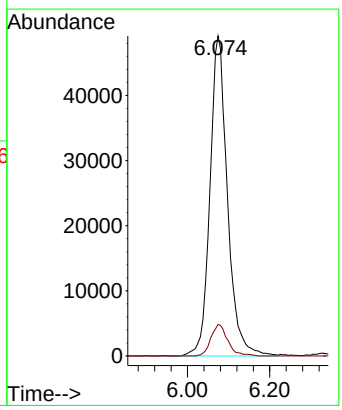
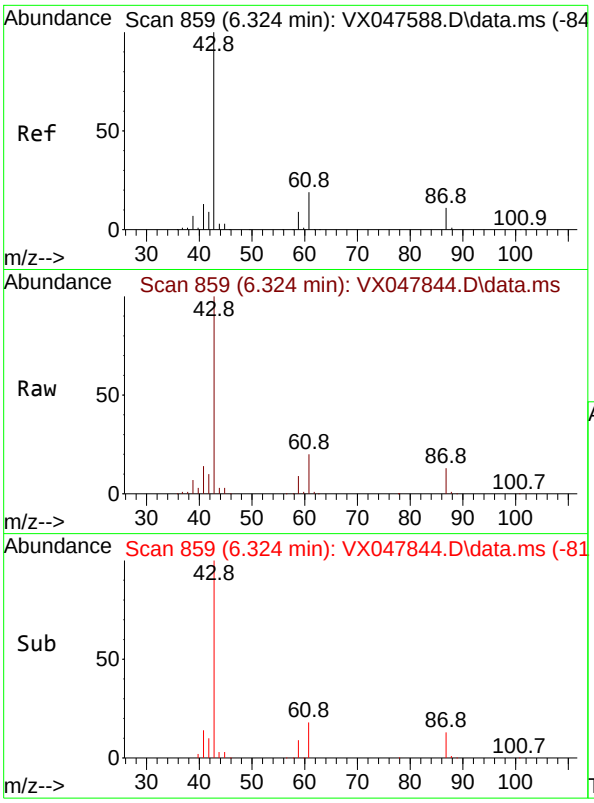


#42
1,2-Dichloroethane
Concen: 51.951 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 62 Resp: 145148

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.0





#43
Isopropyl Acetate
Concen: 48.004 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 43 Resp: 20380

Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.1	9.6	14.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 09/29/2025
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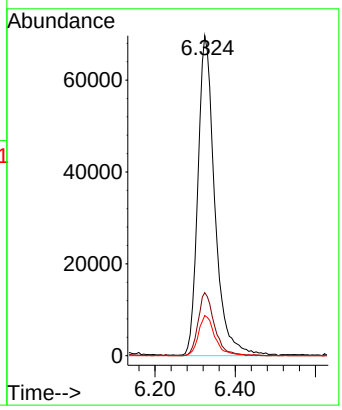
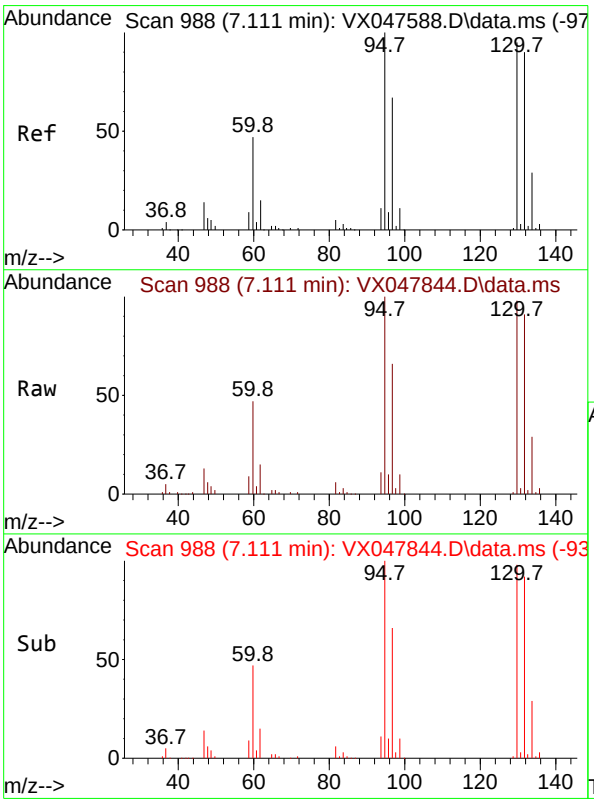
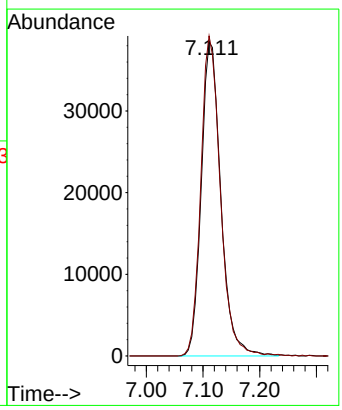


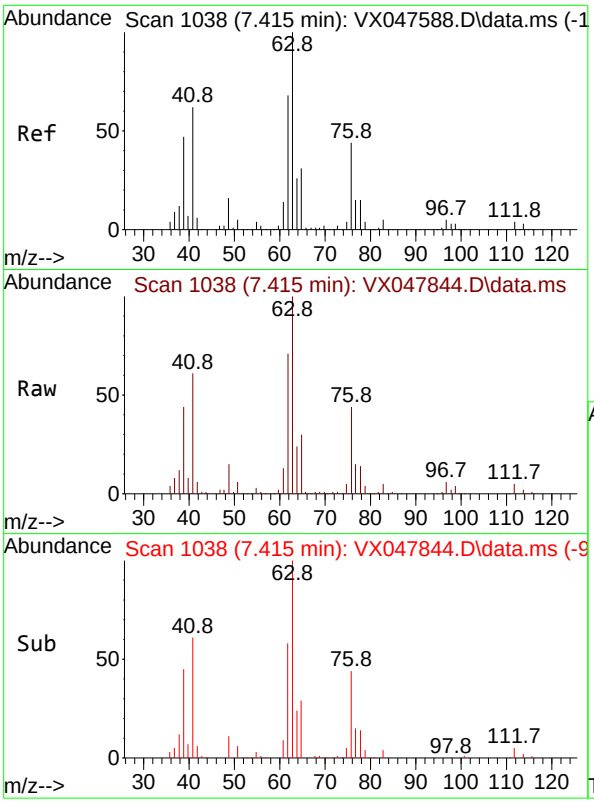


#44
Trichloroethene
Concen: 51.977 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:130 Resp: 92274

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	210.8

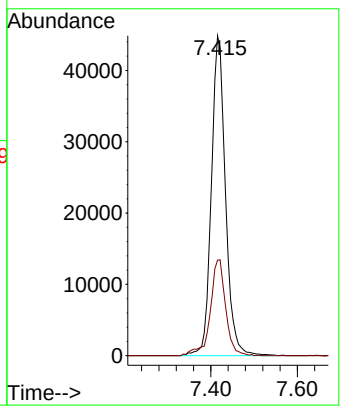




#45
1,2-Dichloropropane
Concen: 54.150 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 63 Resp: 10181

Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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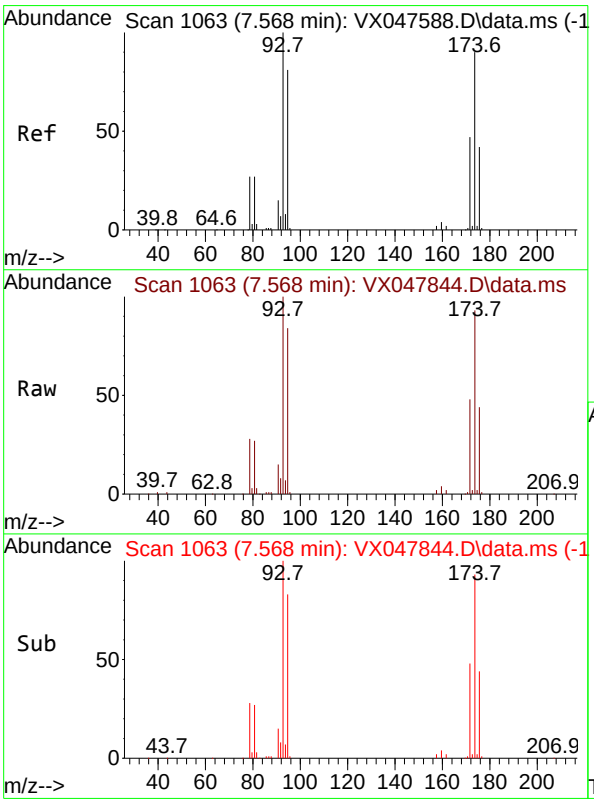
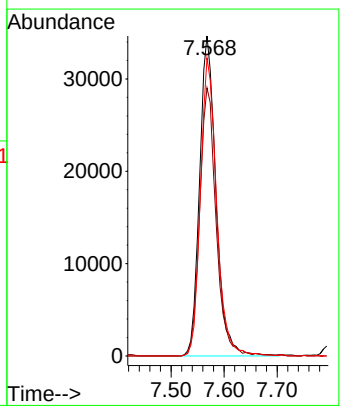
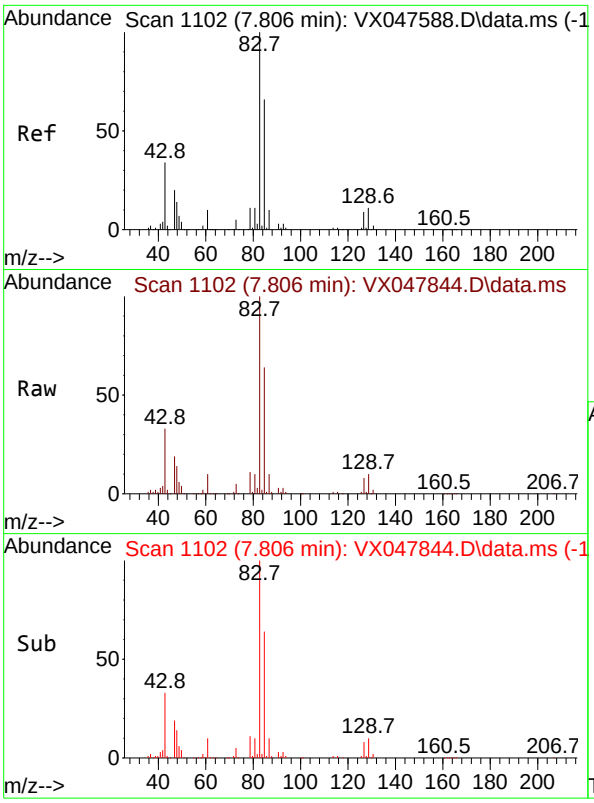


#46
Dibromomethane
Concen: 54.400 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 93 Resp: 74435

Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.0	97.6
174	92.1	71.6	107.4

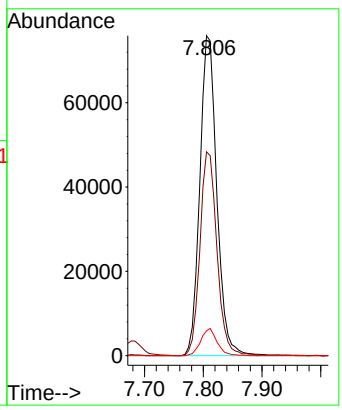




#47
Bromodichloromethane
Concen: 54.162 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 83 Resp: 15292

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7
127	7.7	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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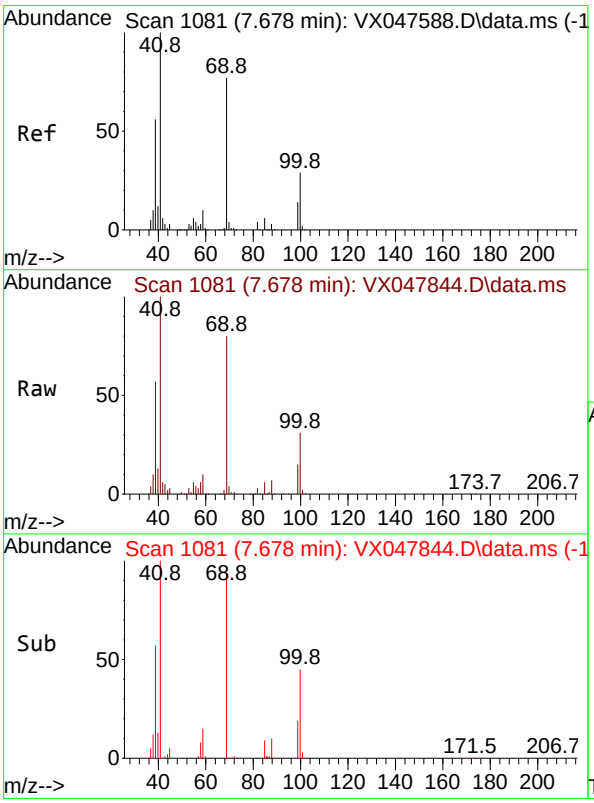
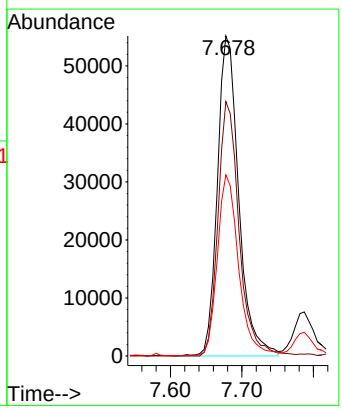
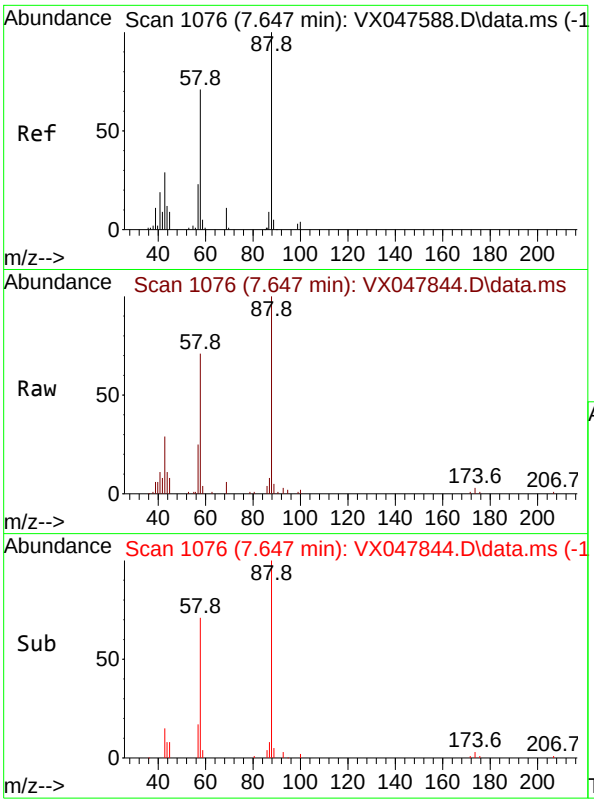


#48
Methyl methacrylate
Concen: 54.077 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 41 Resp: 114358

Ion	Ratio	Lower	Upper
41	100		
69	78.6	61.4	92.2
39	56.5	45.8	68.6





#49
1,4-Dioxane
Concen: 1376.912 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 88 Resp: 2942

Ion	Ratio	Lower	Upper
88	100		
43	39.3	30.2	45.2
58	72.6	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
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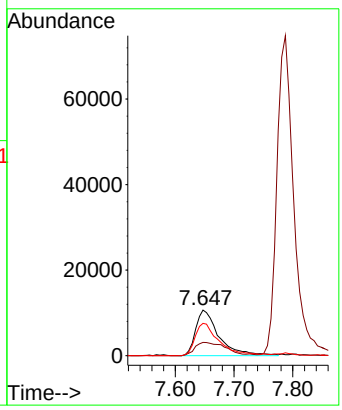
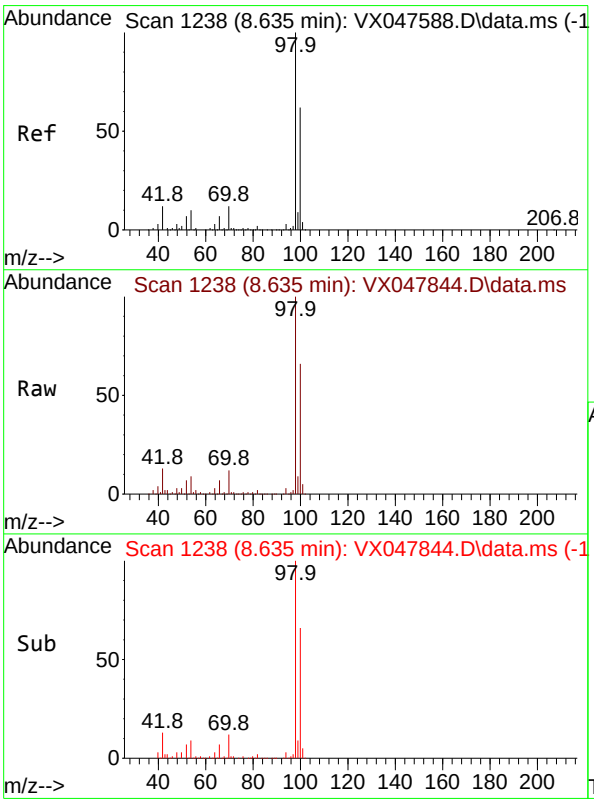
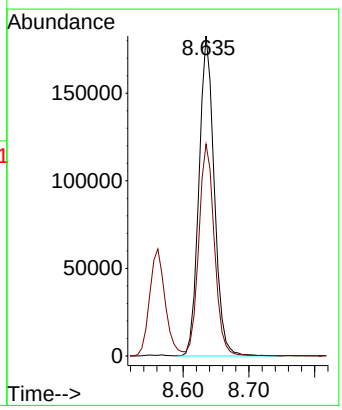


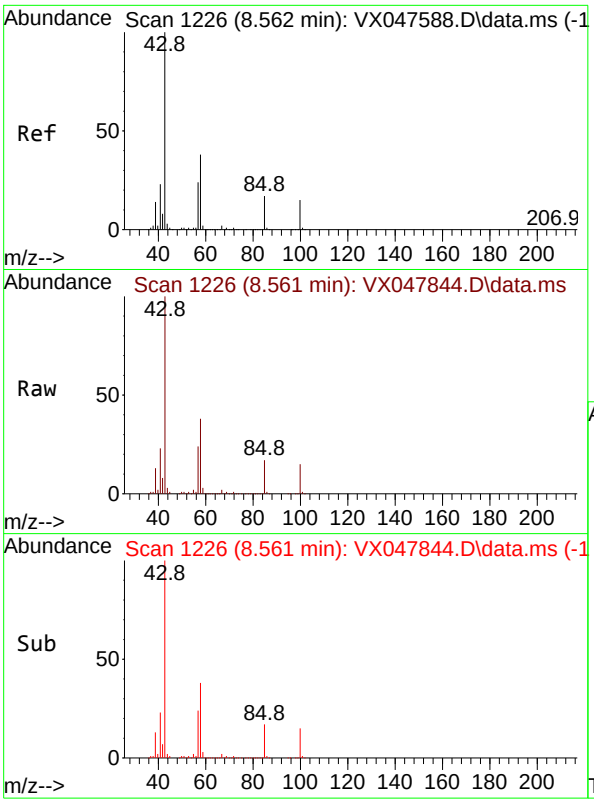


#50
Toluene-d8
Concen: 51.710 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 98 Resp: 296042

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4

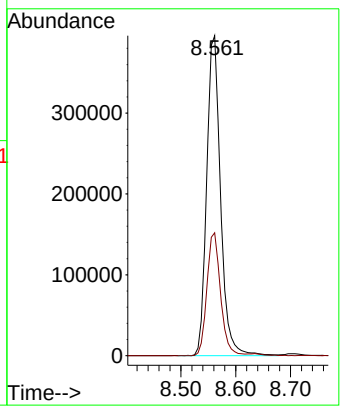




#51
4-Methyl-2-Pentanone
Concen: 294.104 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 43 Resp: 69229

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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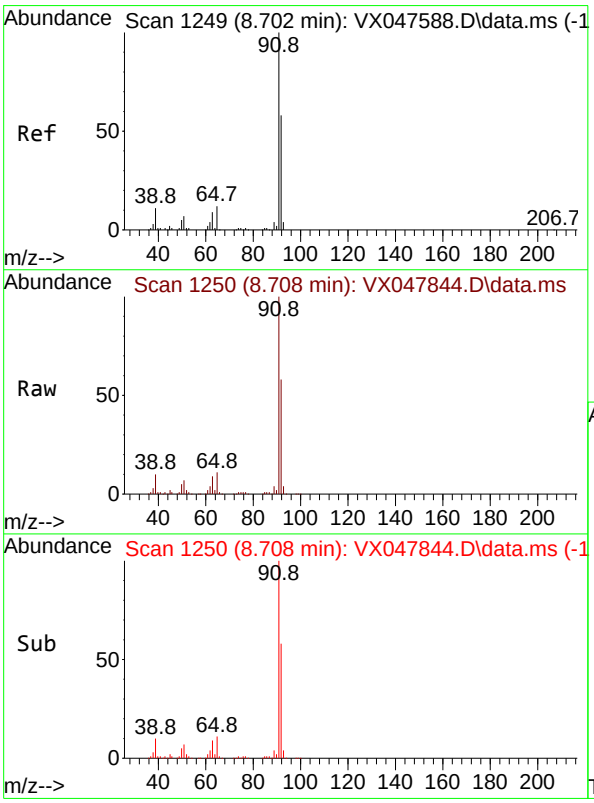
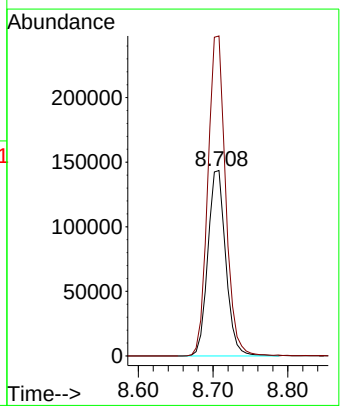
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

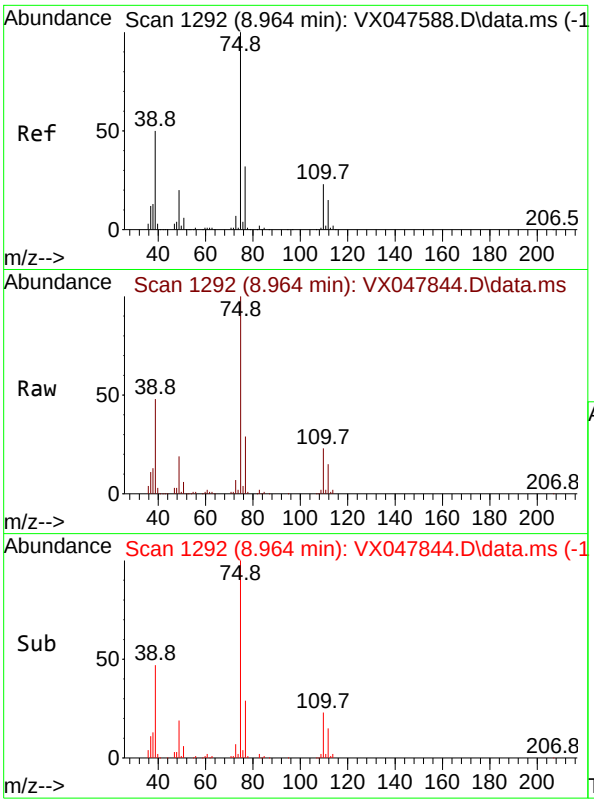


#52
Toluene
Concen: 52.900 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 92 Resp: 239323

Ion	Ratio	Lower	Upper
92	100		
91	171.5	137.1	205.7

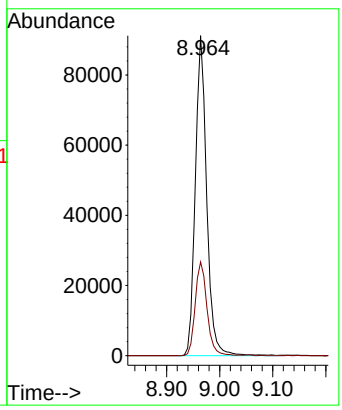




#53
t-1,3-Dichloropropene
Concen: 47.091 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 75 Resp: 13562

Ion	Ratio	Lower	Upper
75	100		
77	29.3	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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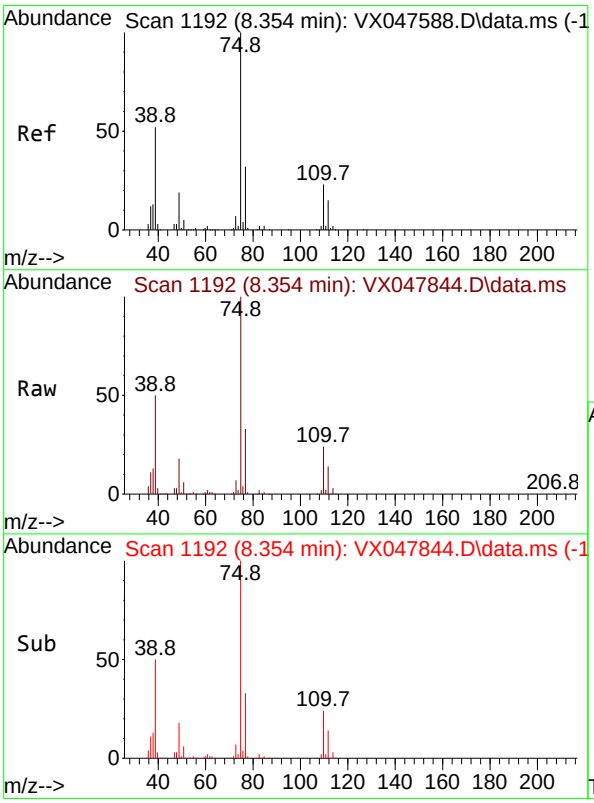
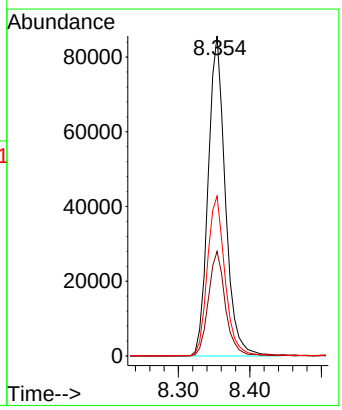
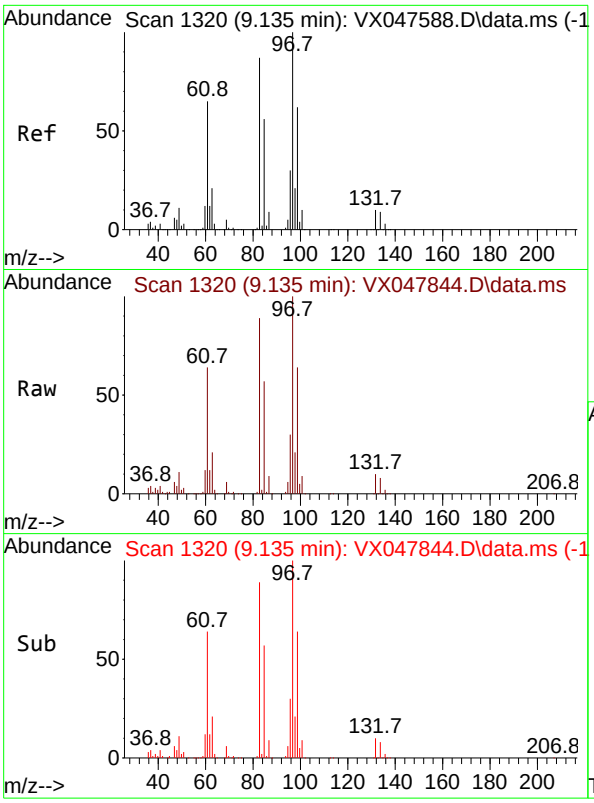


#54
cis-1,3-Dichloropropene
Concen: 46.273 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 75 Resp: 142444

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.8	38.6
39	49.7	41.4	62.2

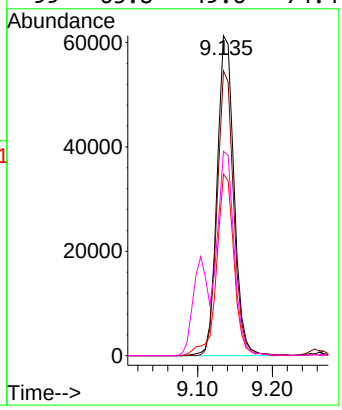




#55
1,1,2-Trichloroethane
Concen: 55.503 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 97 Resp: 9682

Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.6	104.4
85	56.8	45.0	67.6
99	63.8	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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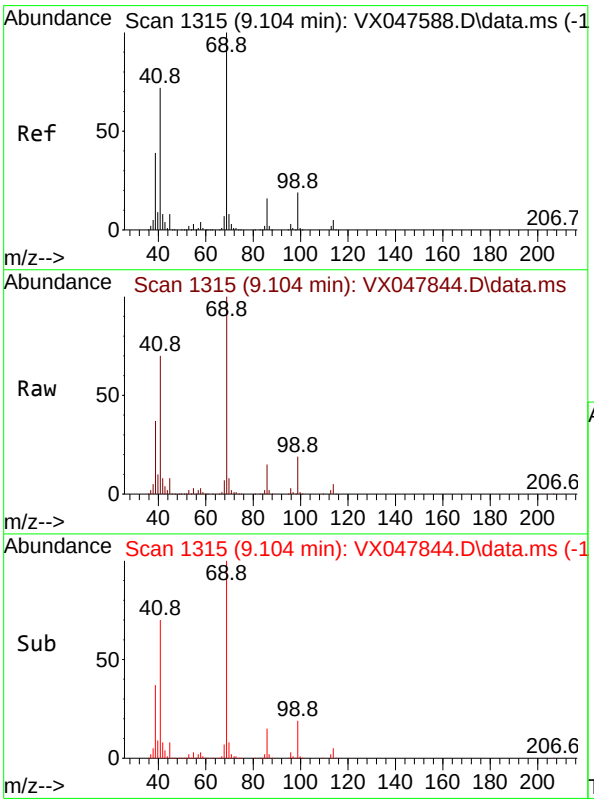
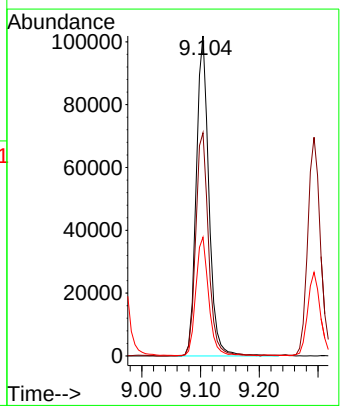
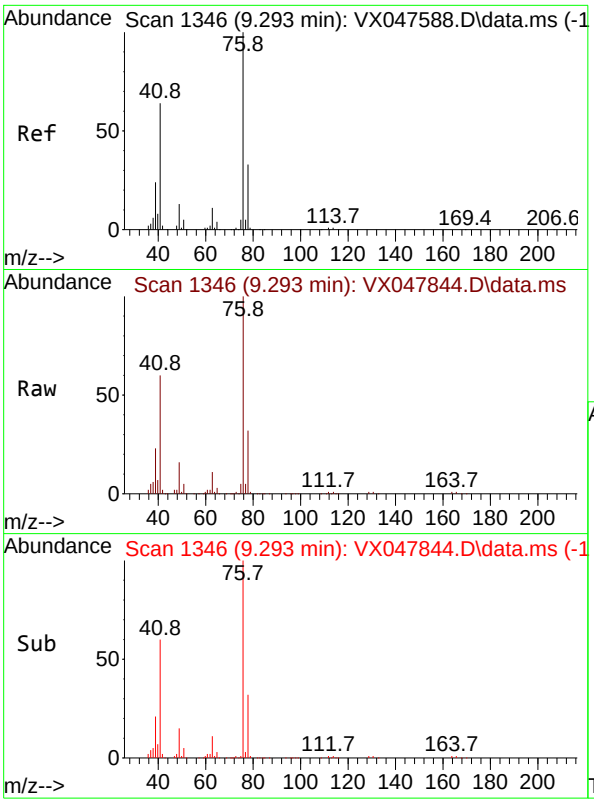


#56
Ethyl methacrylate
Concen: 55.482 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 69 Resp: 151998

Ion	Ratio	Lower	Upper
69	100		
41	70.9	58.6	87.8
39	37.6	31.5	47.3





#57
1,3-Dichloropropane
Concen: 56.337 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 76 Resp: 16882

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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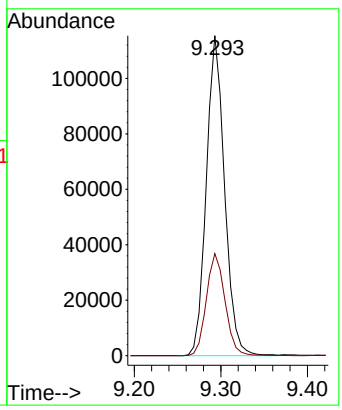
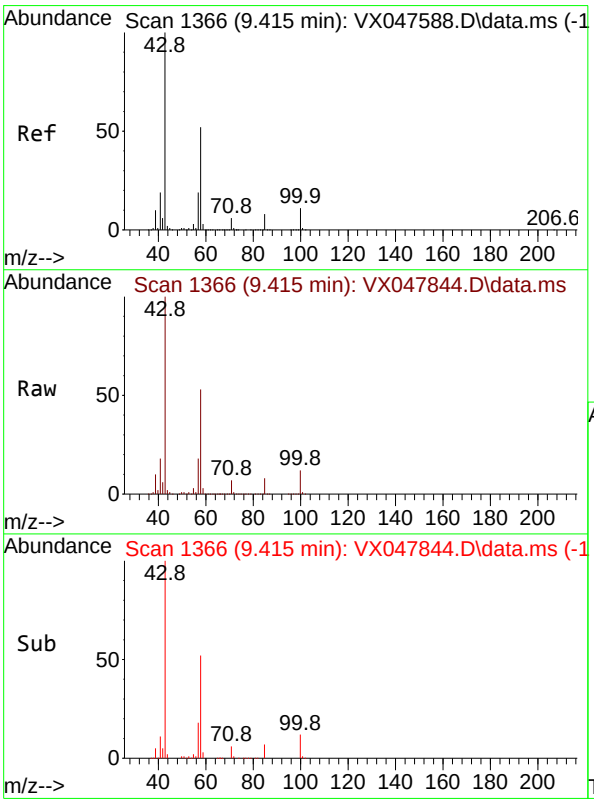
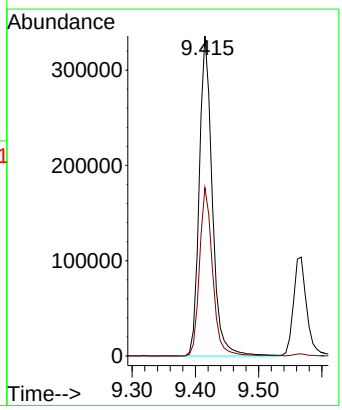


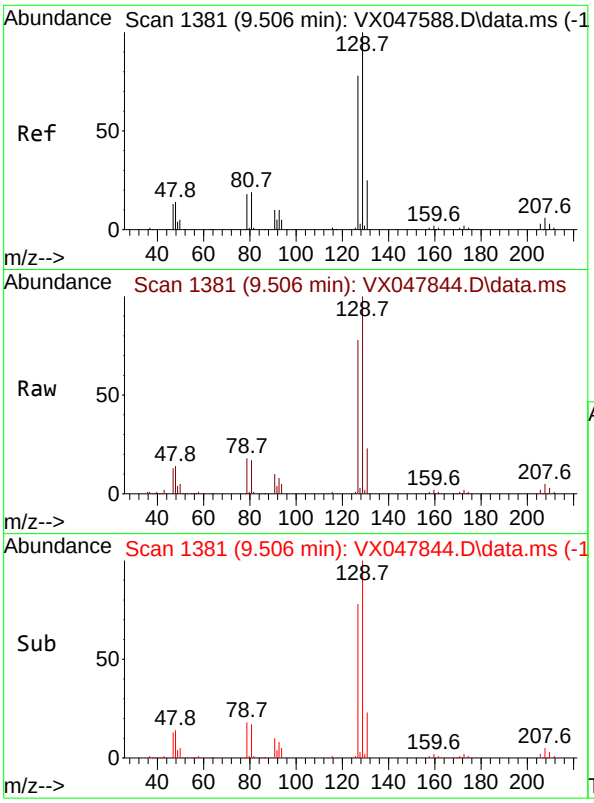


#59
2-Hexanone
Concen: 284.550 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 43 Resp: 481056

Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.1	78.2





#60
Dibromochloromethane
Concen: 55.768 ug/l
RT: 9.506 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:129 Resp: 11209

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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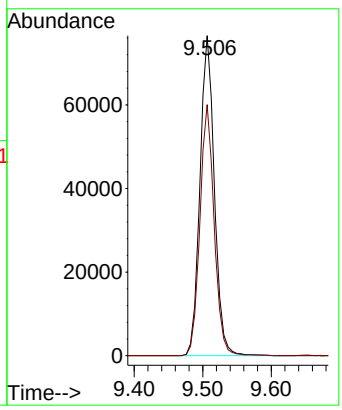
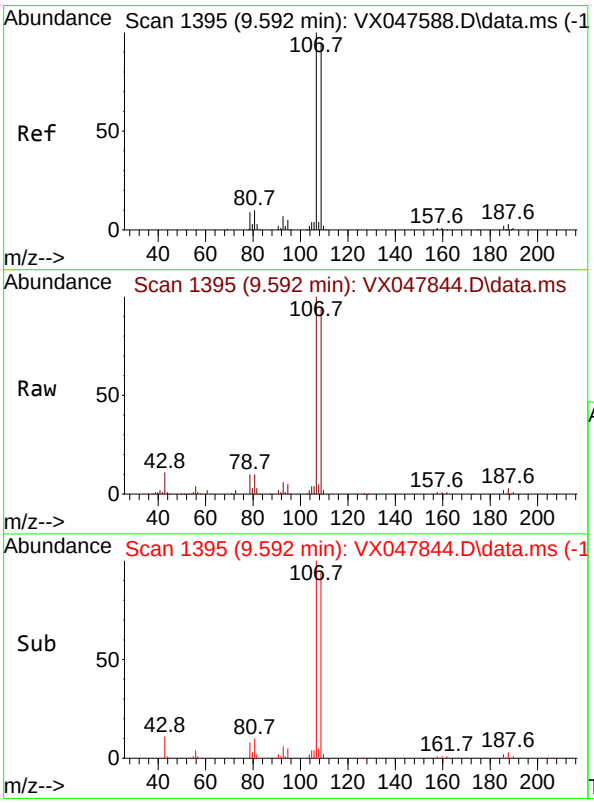
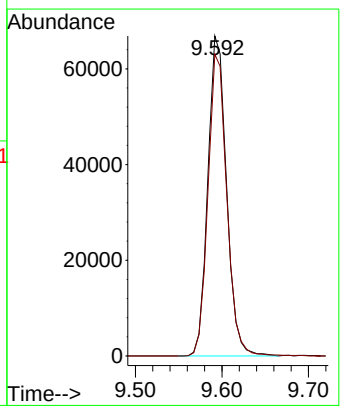


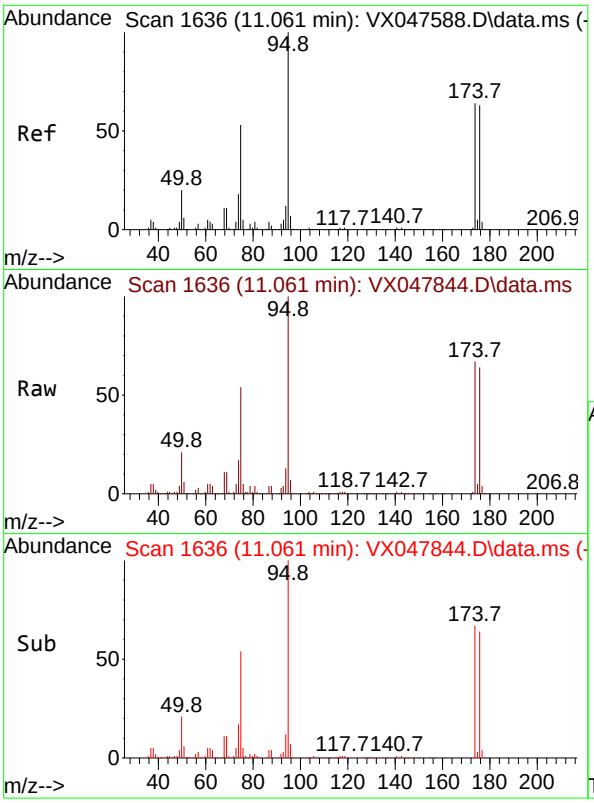


#61
1,2-Dibromoethane
Concen: 56.345 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:107 Resp: 100115

Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.3	112.9





#62
4-Bromofluorobenzene
Concen: 52.851 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 95 Resp: 11483

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	141.6
176	69.7	0.0	138.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
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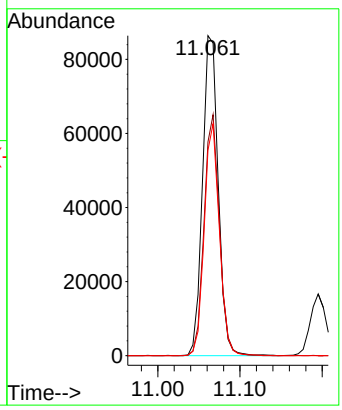
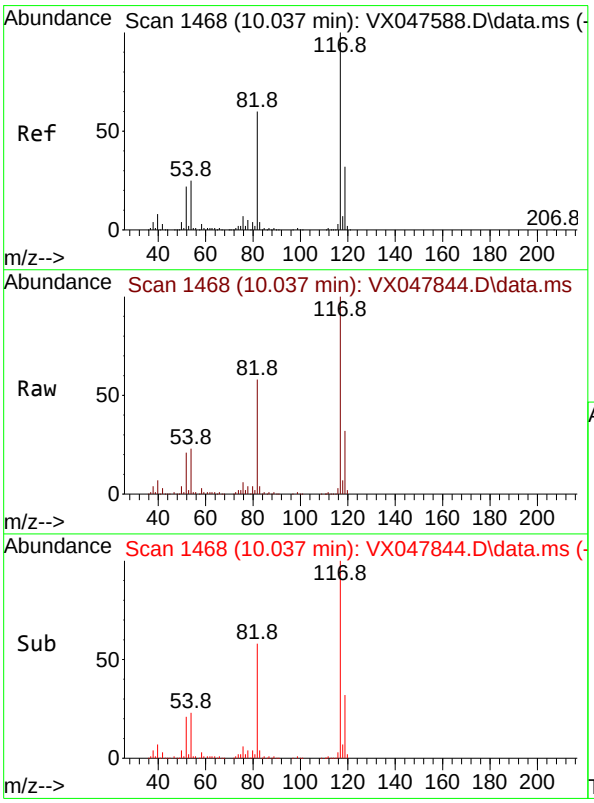
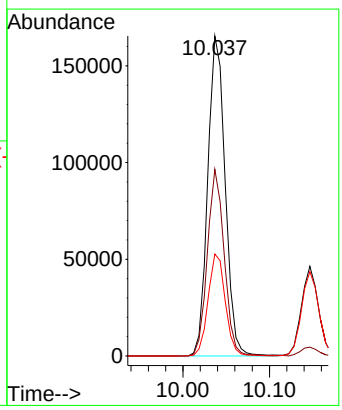


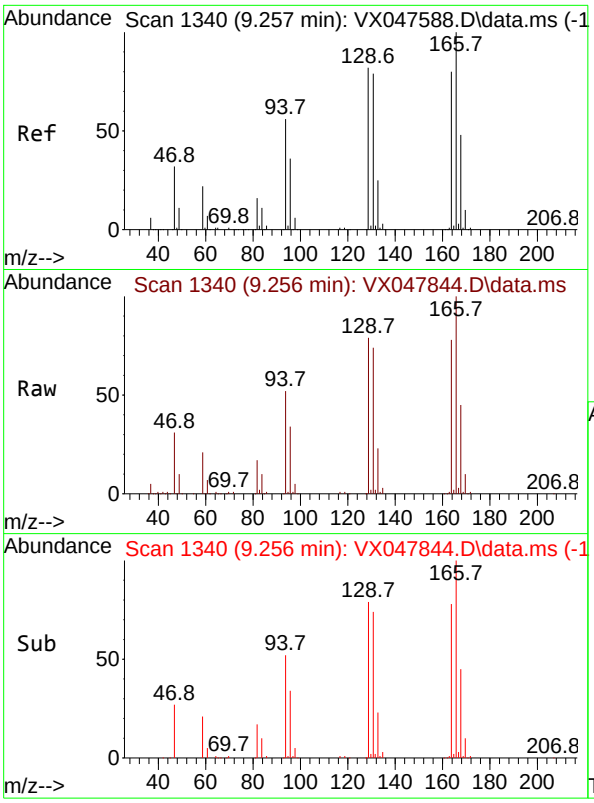


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:117 Resp: 231070

Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.8	71.6
119	31.8	25.2	37.8

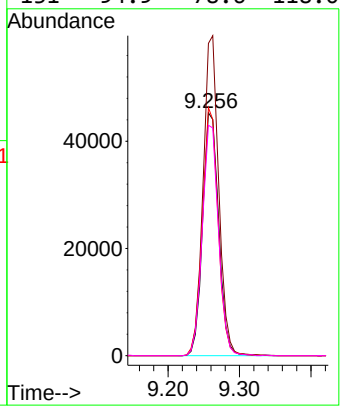




#64
Tetrachloroethene
Concen: 46.899 ug/l
RT: 9.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:164 Resp: 7064

Ion	Ratio	Lower	Upper
164	100		
166	128.6	100.2	150.2
129	102.1	81.8	122.6
131	94.9	78.6	118.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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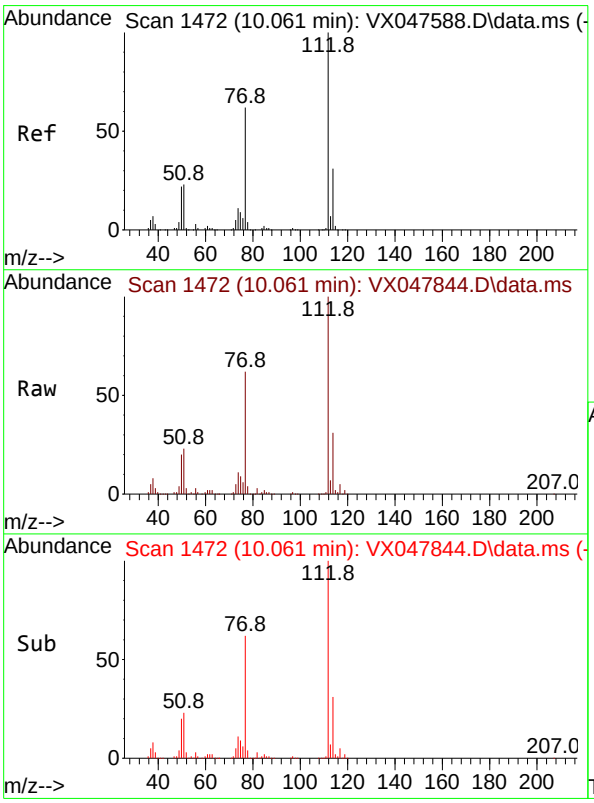
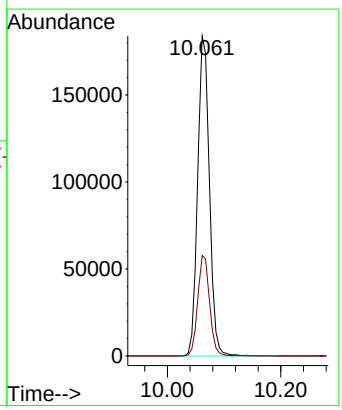
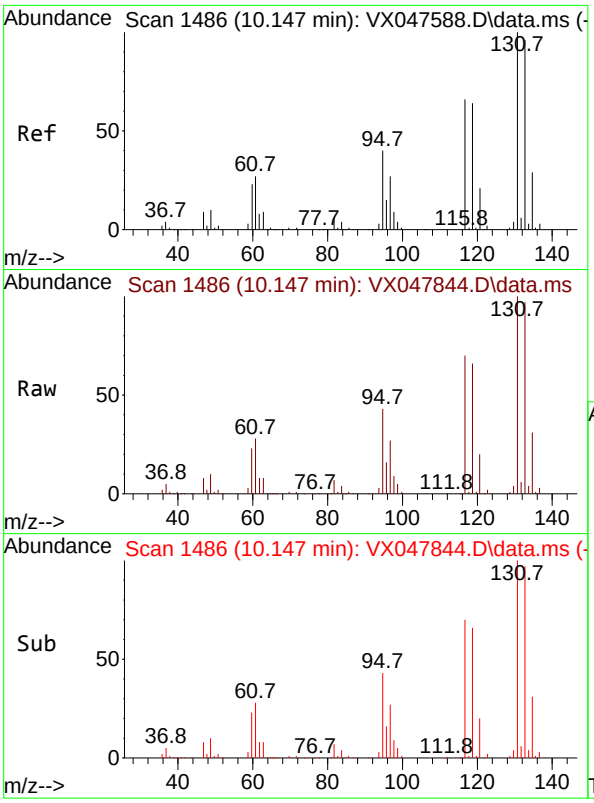


#65
Chlorobenzene
Concen: 50.337 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:112 Resp: 264245

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 50.821 ug/l
RT: 10.147 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:131 Resp: 9206

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.3	142.0
119	65.9	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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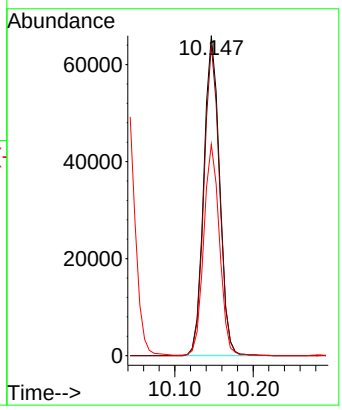
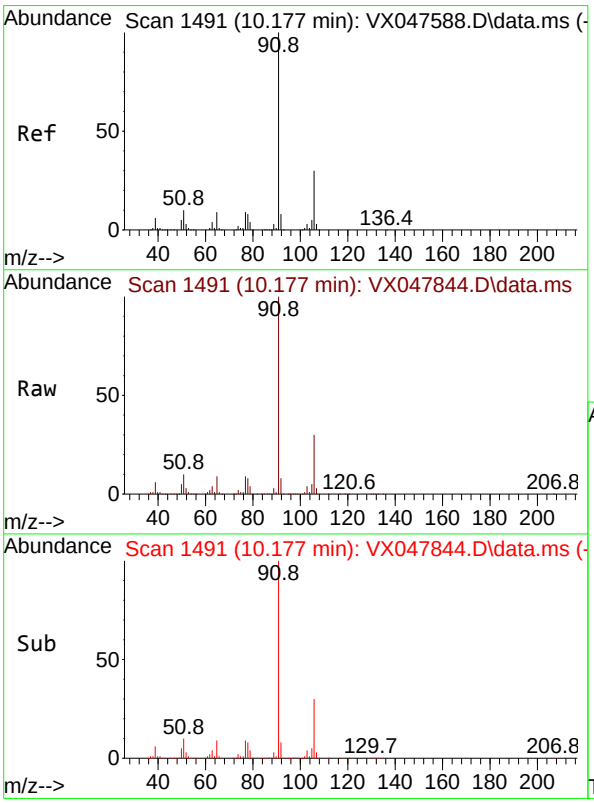
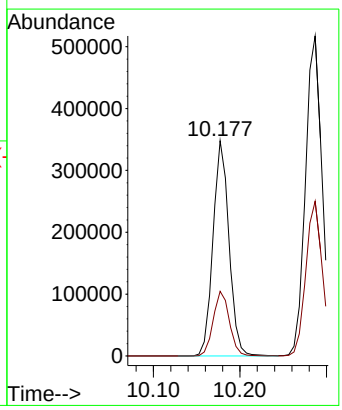


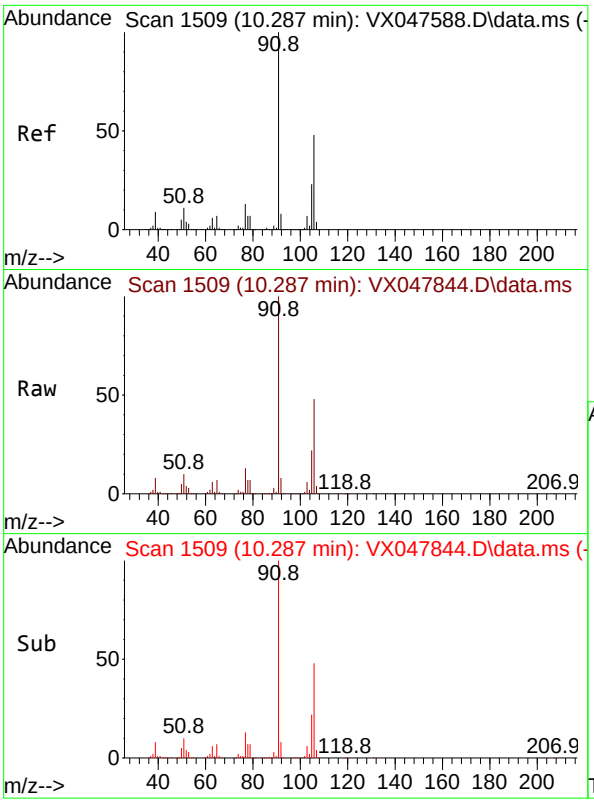


#67
Ethyl Benzene
Concen: 49.248 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 91 Resp: 446063

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.3	36.5





#68
m/p-Xylenes
Concen: 99.632 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:106 Resp: 33588

Ion	Ratio	Lower	Upper
106	100		
91	208.6	167.8	251.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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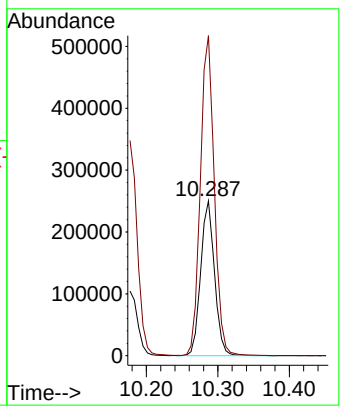
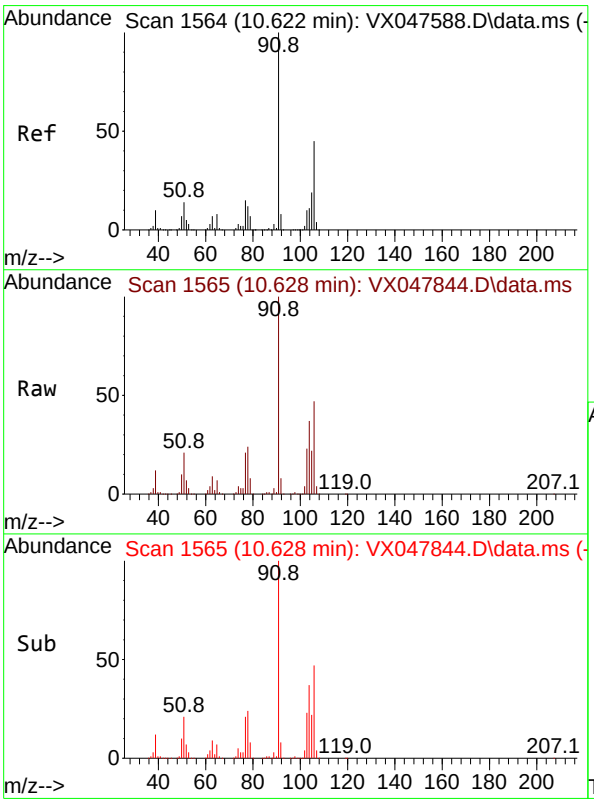
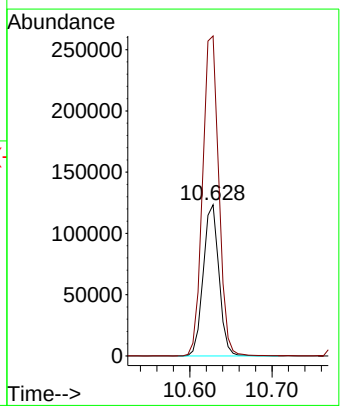


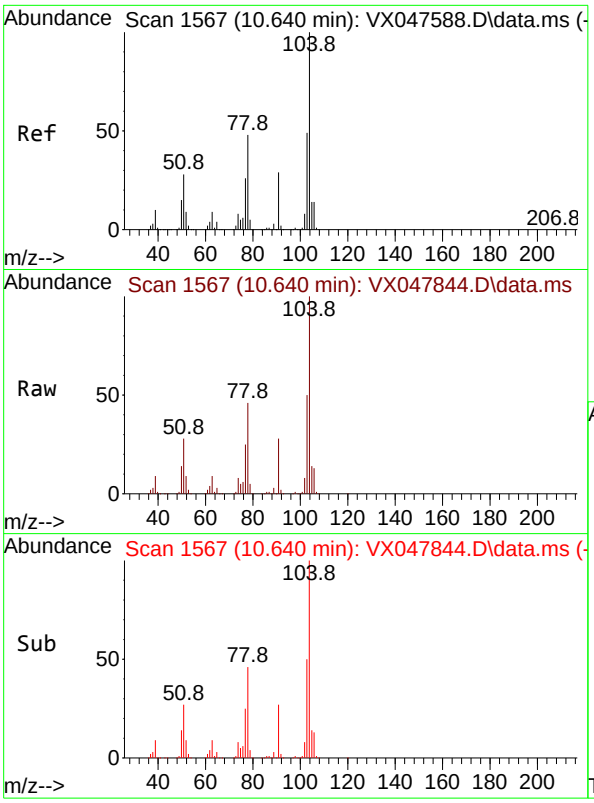


#69
o-Xylene
Concen: 50.244 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:106 Resp: 163837

Ion	Ratio	Lower	Upper
106	100		
91	218.1	111.1	333.4





#70
Styrene
Concen: 49.992 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:104 Resp: 28563

Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.1	64.7
103	54.6	43.1	64.7

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
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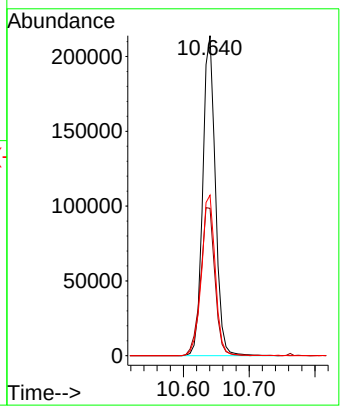
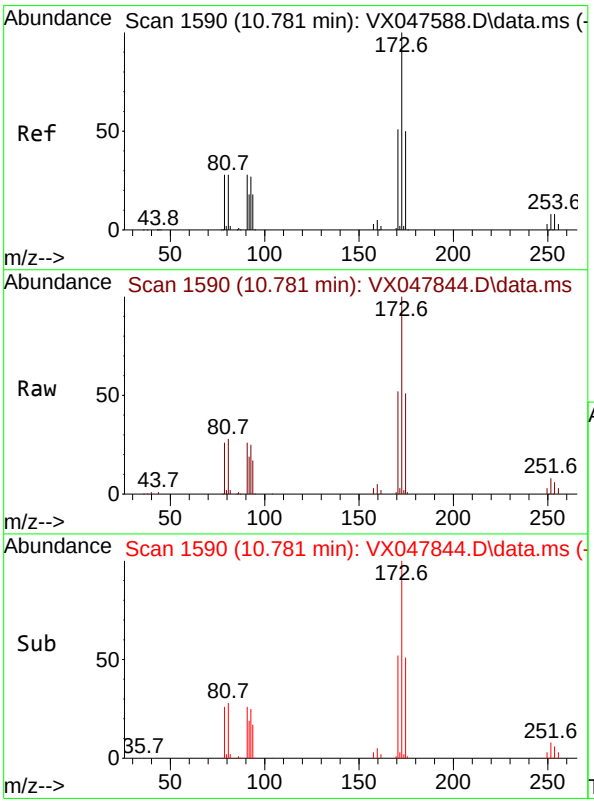
Supervised By :Mahesh Dadoda 09/29/2025

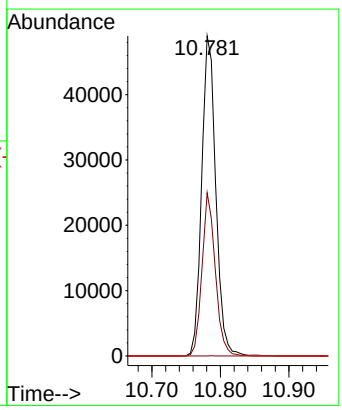


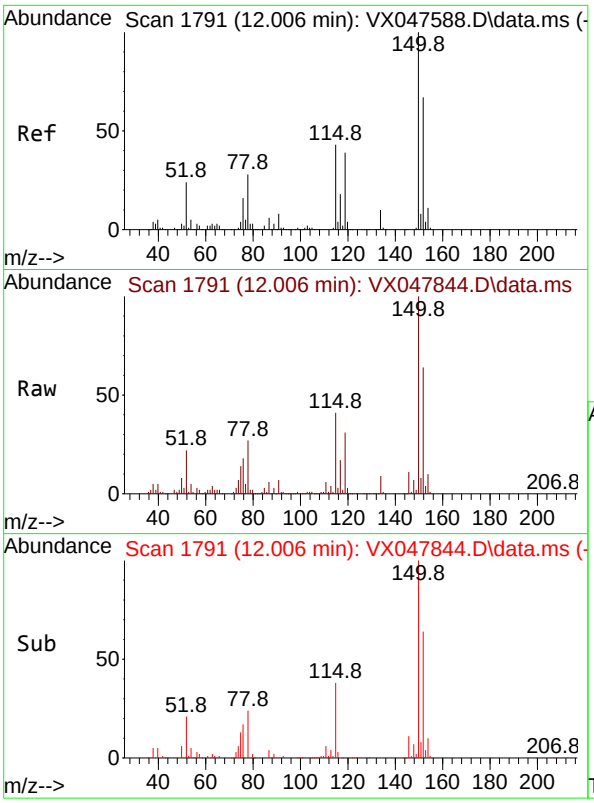


#71
Bromoform
Concen: 52.031 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:173 Resp: 70377

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.9	74.6
254	0.0	0.1	0.1#

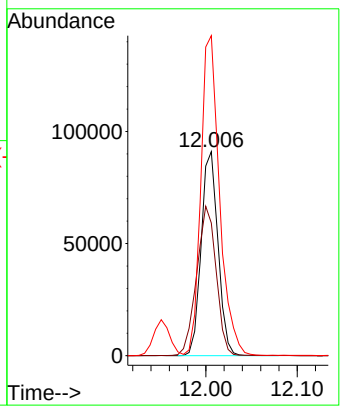




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:152 Resp: 11601

Ion	Ratio	Lower	Upper
152	100		
115	85.0	44.9	134.5
150	174.3	0.0	352.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
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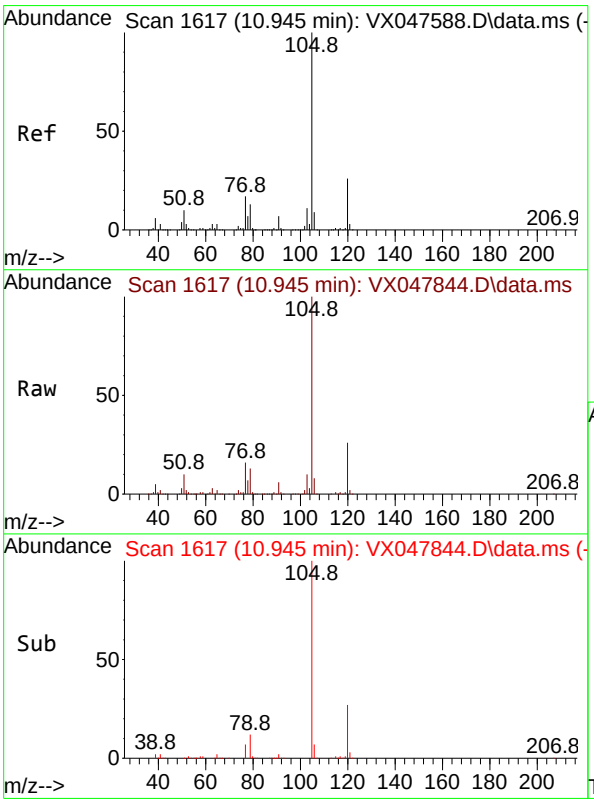
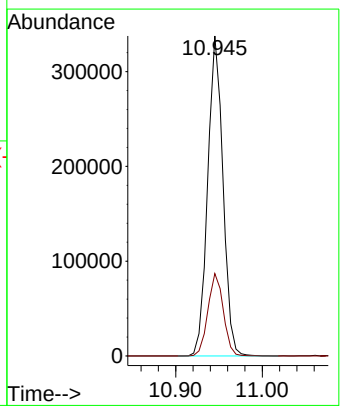
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

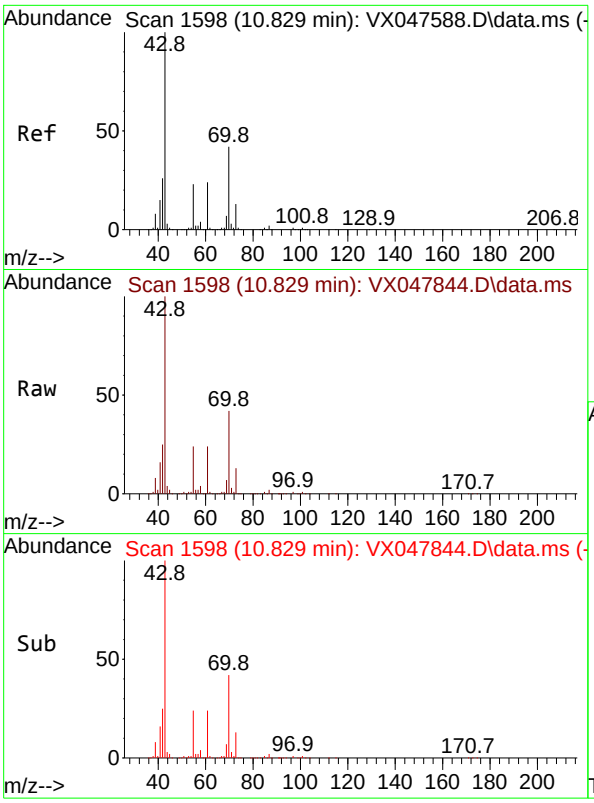


#73
Isopropylbenzene
Concen: 46.783 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:105 Resp: 412643

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4

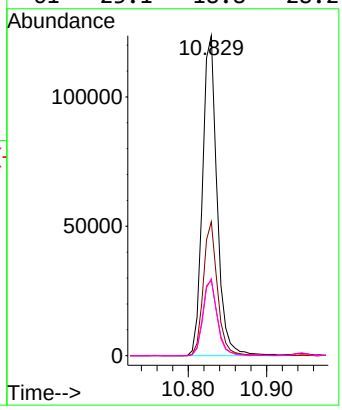




#74
N-amyl acetate
Concen: 39.637 ug/l
RT: 10.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 43 Resp: 15942

Ion	Ratio	Lower	Upper
43	100		
70	40.7	32.0	48.0
55	23.9	18.9	28.3
61	23.1	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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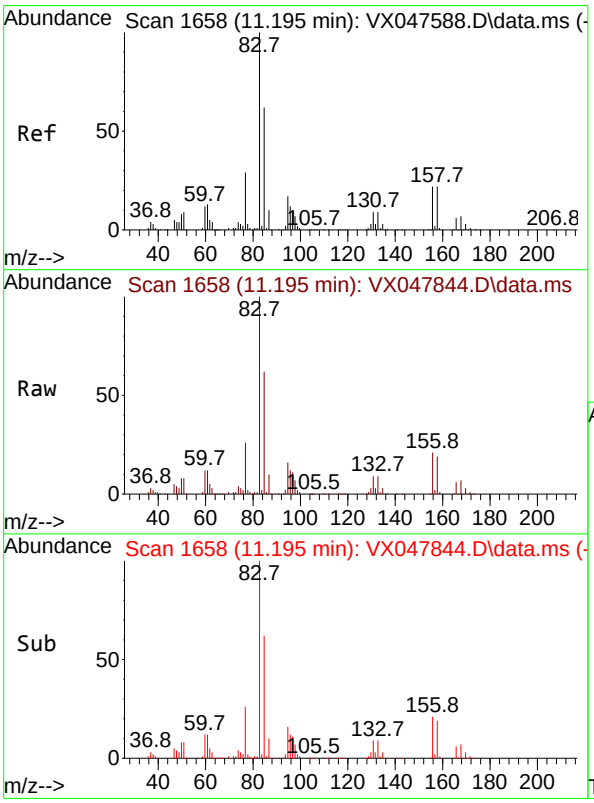
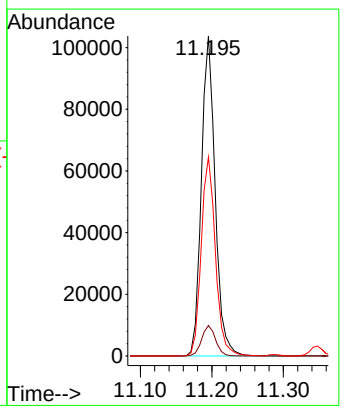
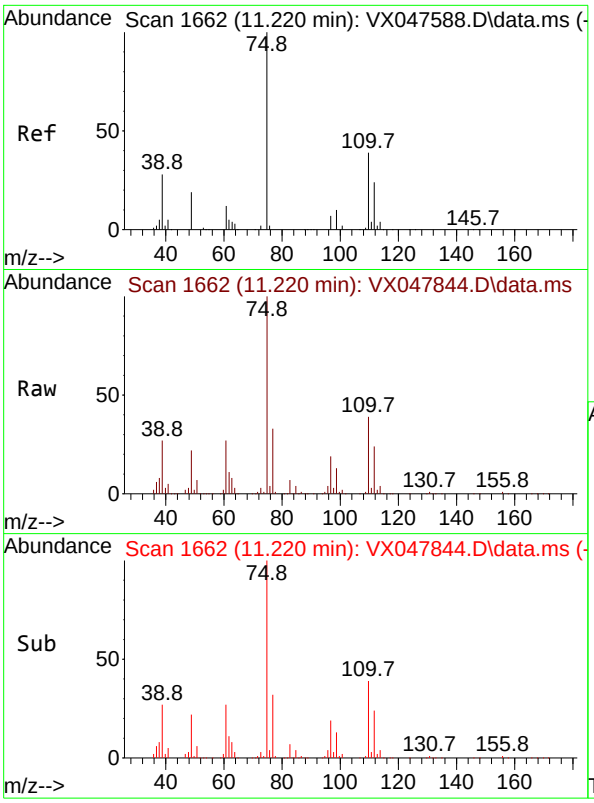


#75
1,1,2,2-Tetrachloroethane
Concen: 51.973 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 83 Resp: 138696

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	64.1	31.6	95.0





#76
1,2,3-Trichloropropane
Concen: 45.323 ug/l m
RT: 11.220 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 75 Resp: 10646

Ion	Ratio	Lower	Upper
75	100		
77	41.6	18.8	56.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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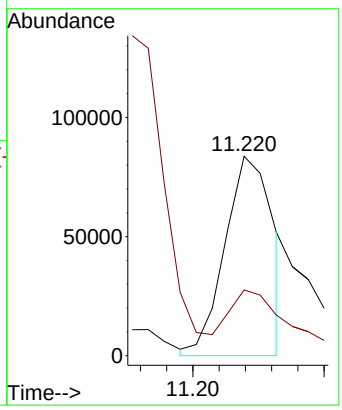
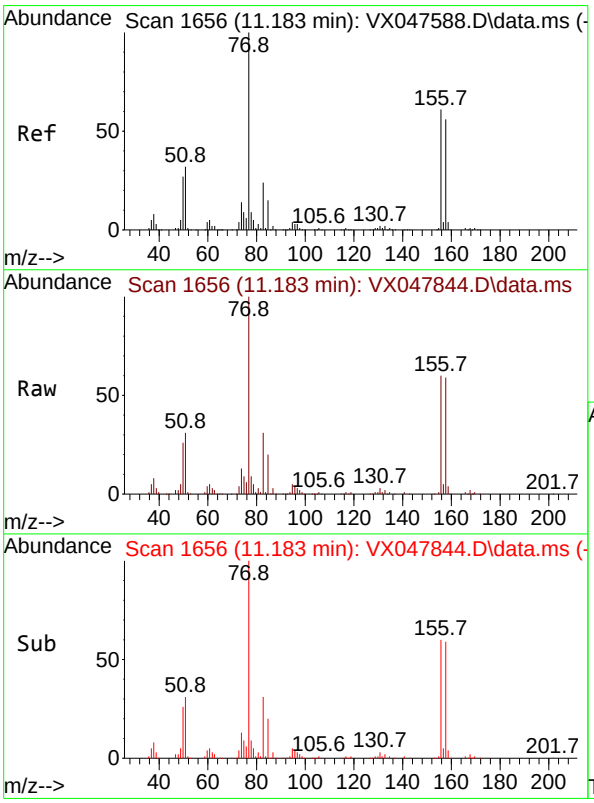
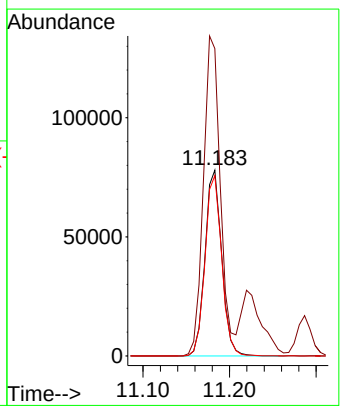


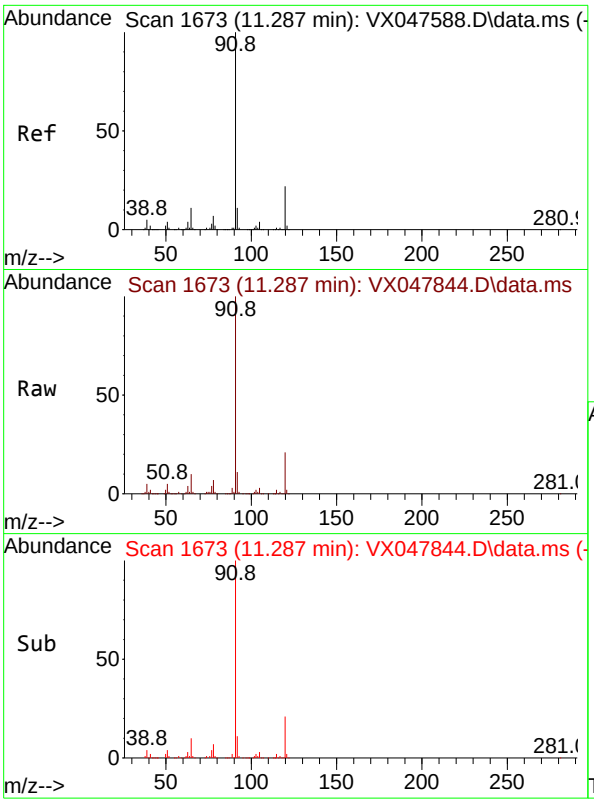


#77
Bromobenzene
Concen: 48.052 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:156 Resp: 104389

Ion	Ratio	Lower	Upper
156	100		
77	175.3	89.7	269.1
158	97.2	47.9	143.6





#78
n-propylbenzene
Concen: 46.453 ug/l
RT: 11.287 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 91 Resp: 48436

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.1	33.1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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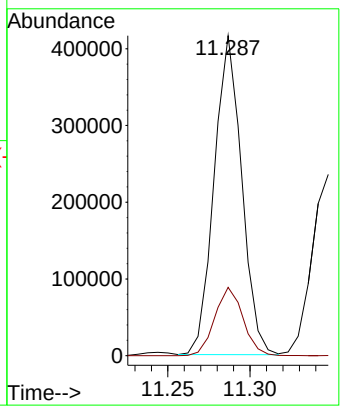
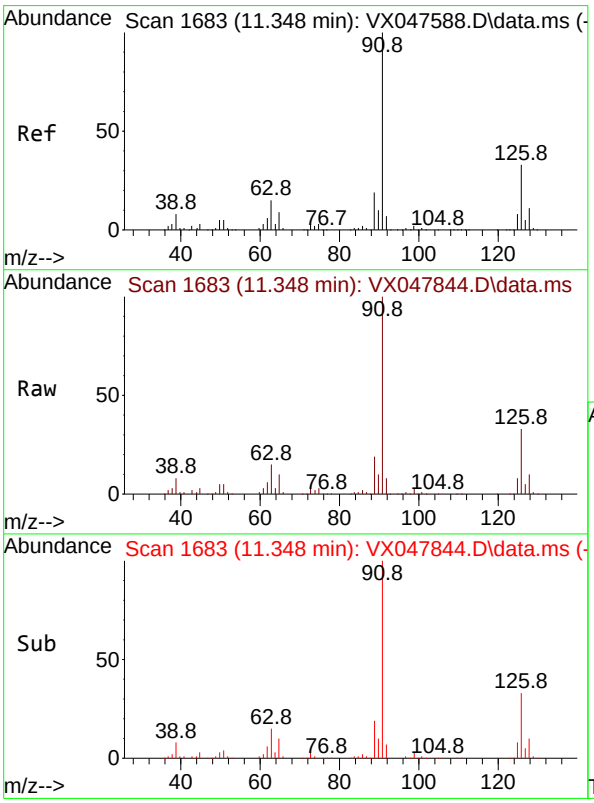
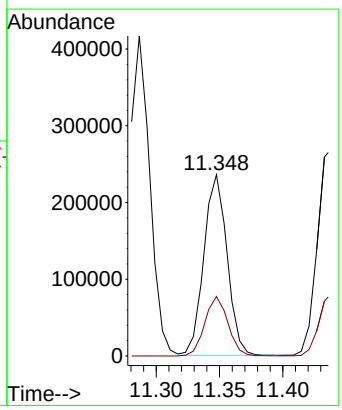


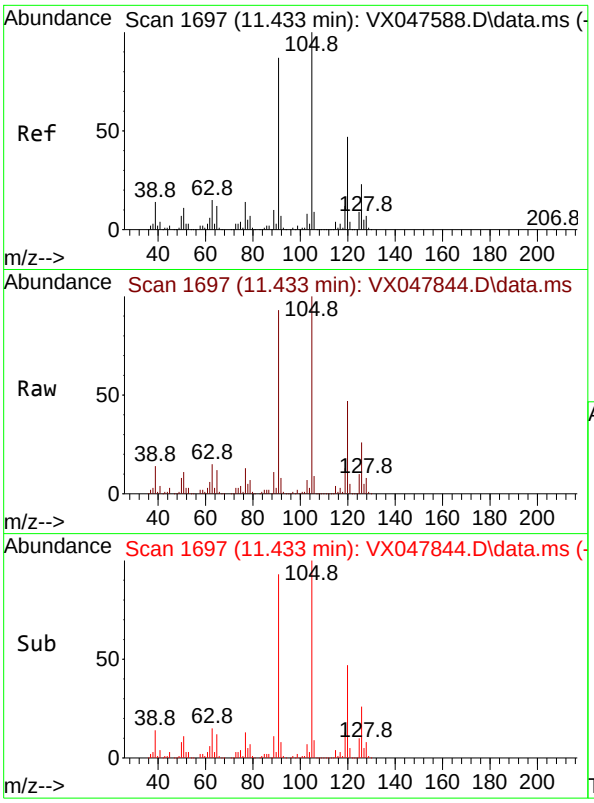


#79
2-Chlorotoluene
Concen: 47.034 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 91 Resp: 300372

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

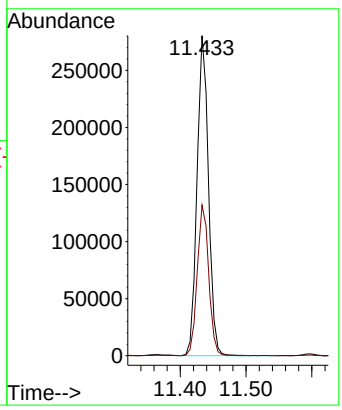




#80
1,3,5-Trimethylbenzene
Concen: 46.644 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:105 Resp: 33801

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.6	70.8



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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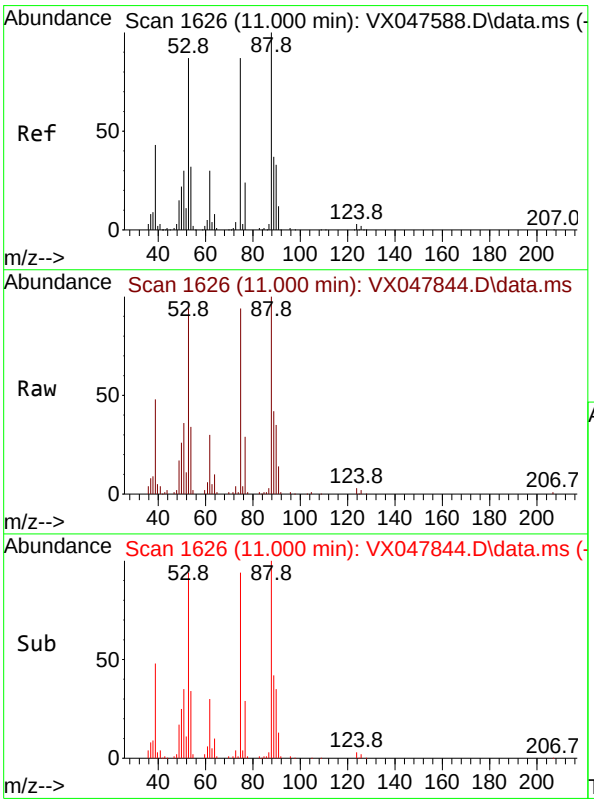
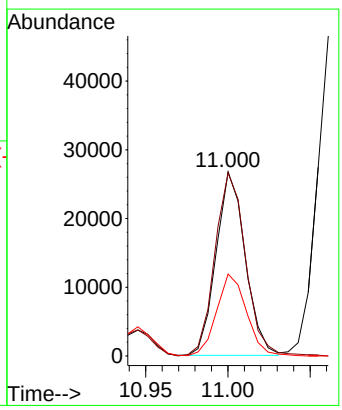
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

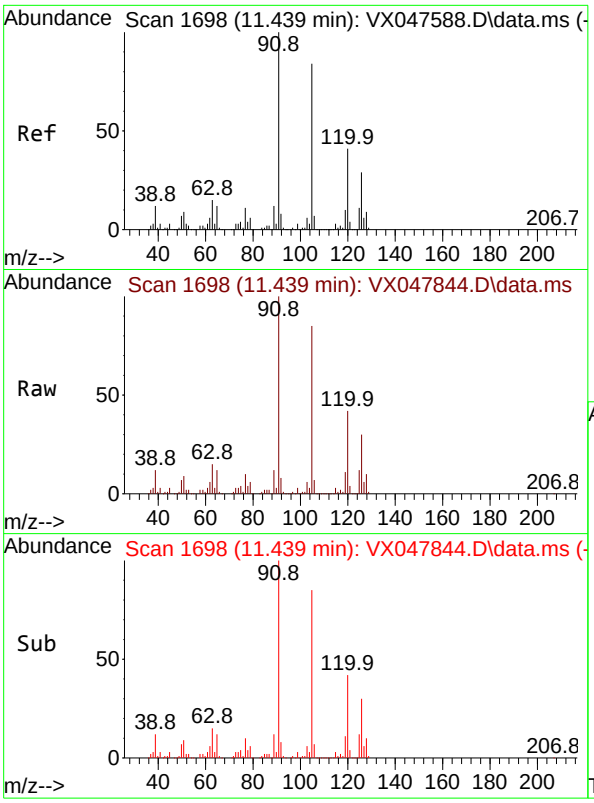


#81
trans-1,4-Dichloro-2-butene
Concen: 35.695 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 75 Resp: 32880

Ion	Ratio	Lower	Upper
75	100		
53	105.2	83.4	125.2
89	45.9	36.3	54.5

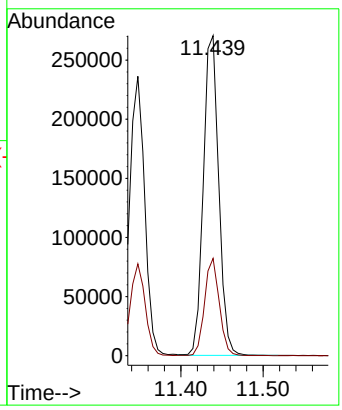




#82
4-Chlorotoluene
Concen: 46.645 ug/l
RT: 11.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 91 Resp: 35181

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.2	42.6



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
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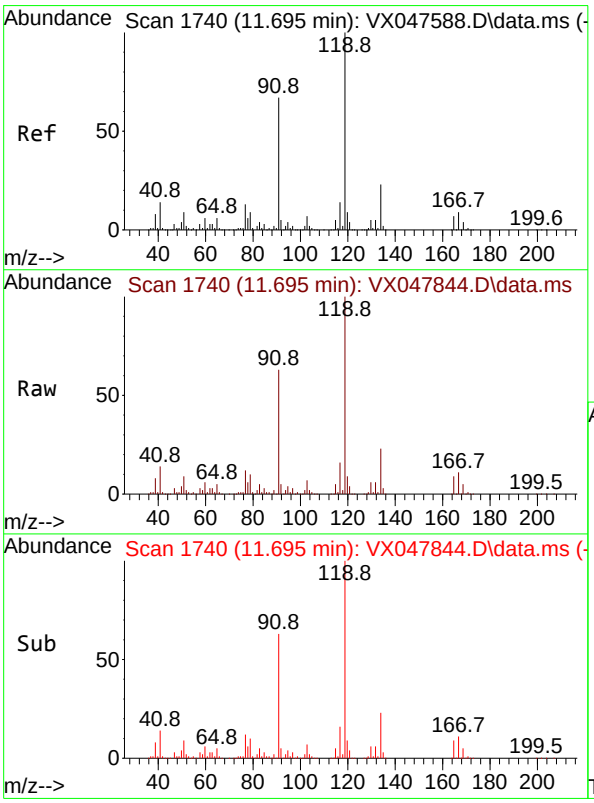
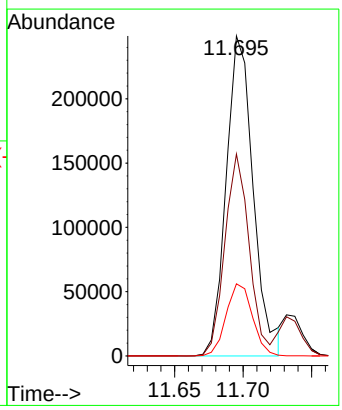
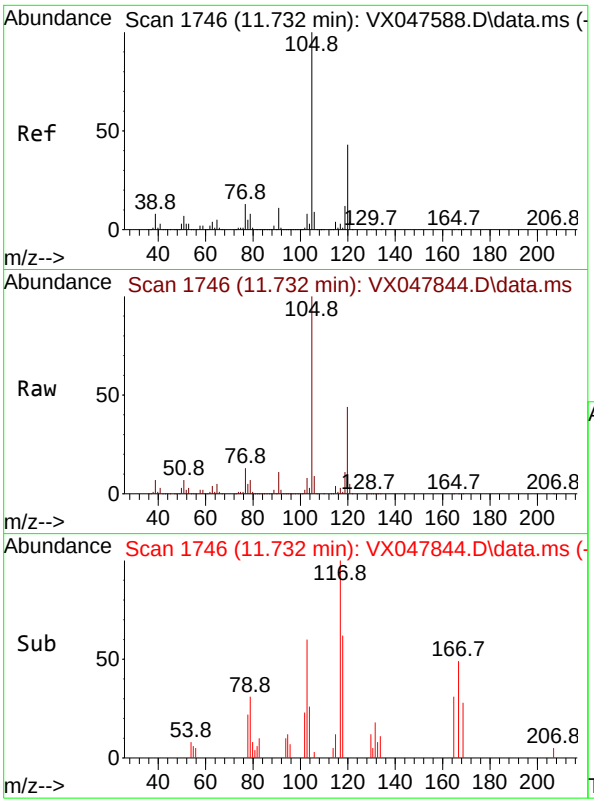


#83
tert-Butylbenzene
Concen: 46.077 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:119 Resp: 341819

Ion	Ratio	Lower	Upper
119	100		
91	57.1	29.6	88.8
134	22.0	11.0	33.0

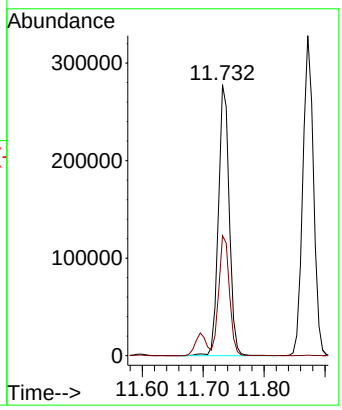




#84
1,2,4-Trimethylbenzene
Concen: 46.668 ug/l
RT: 11.732 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:105 Resp: 34287

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.1



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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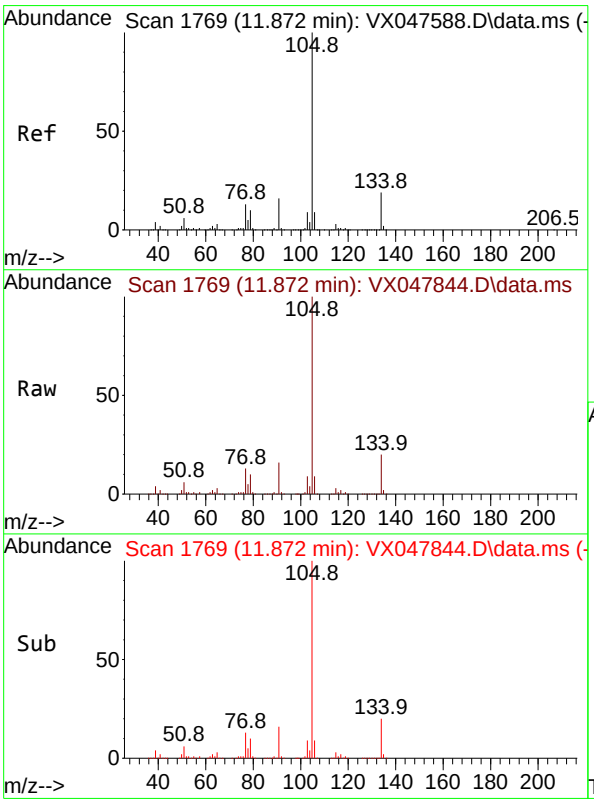
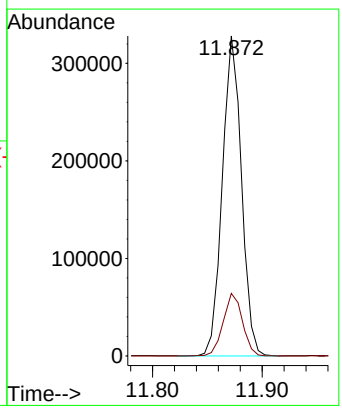
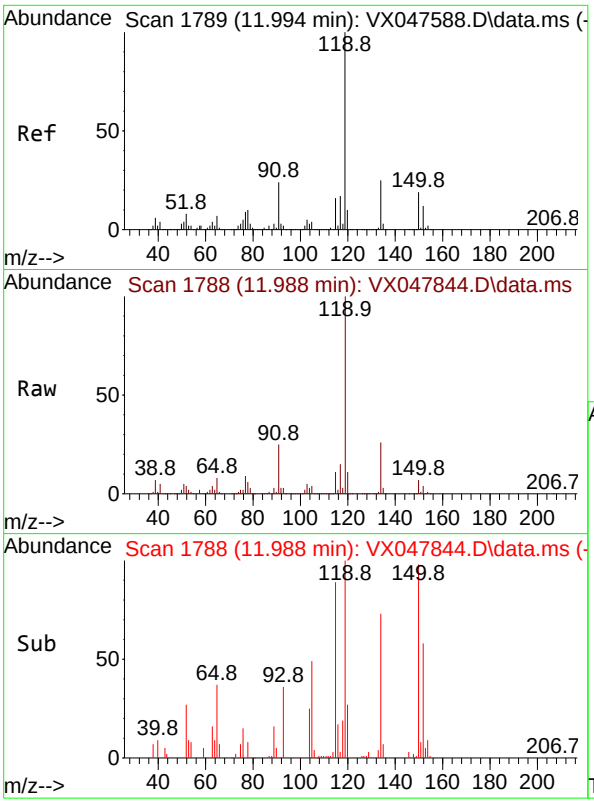


#85
sec-Butylbenzene
Concen: 45.192 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:105 Resp: 398208

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5

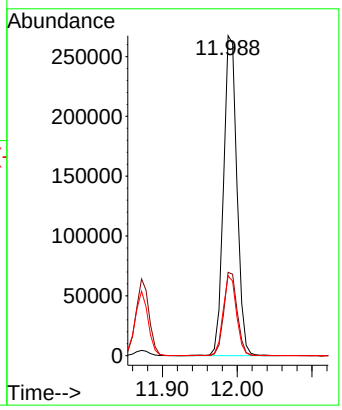




#86
p-Isopropyltoluene
Concen: 44.776 ug/l
RT: 11.988 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:119 Resp: 33402

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.6	37.8
91	24.8	12.6	37.6



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

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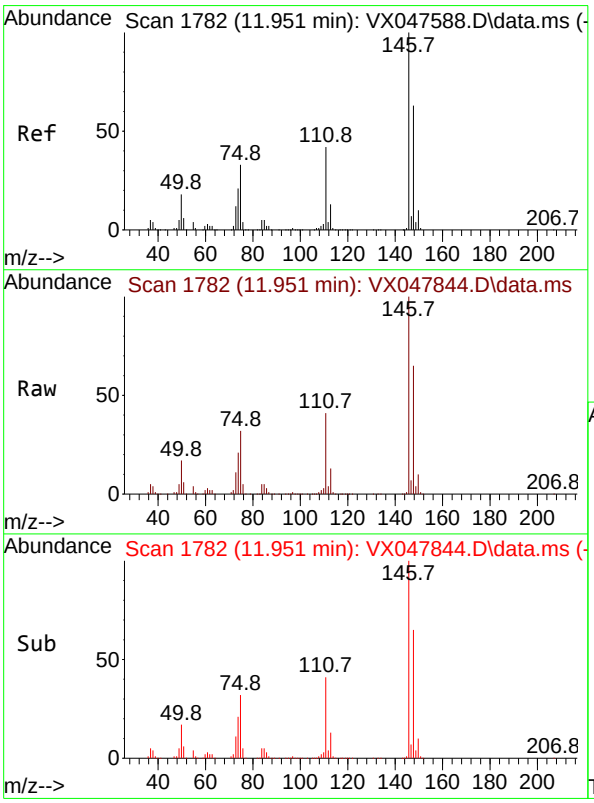
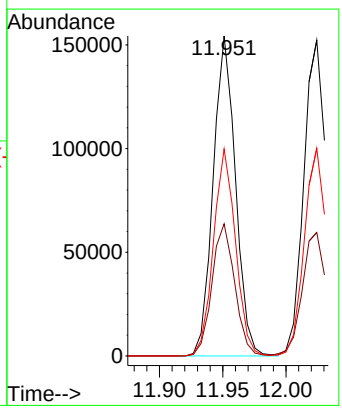
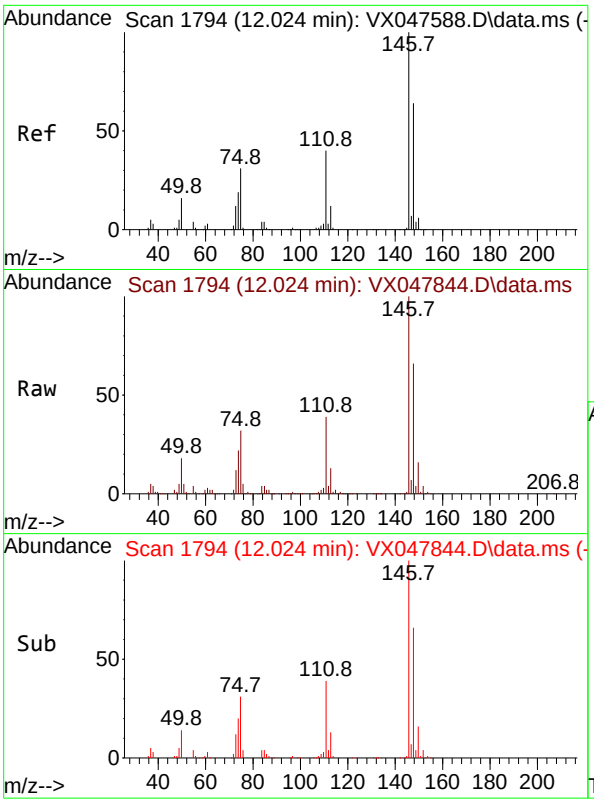


#87
1,3-Dichlorobenzene
Concen: 46.830 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:146 Resp: 188962

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	64.0	32.0	96.0





#88
1,4-Dichlorobenzene
Concen: 46.268 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:146 Resp: 19161

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.8	62.4
148	64.4	31.7	95.1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
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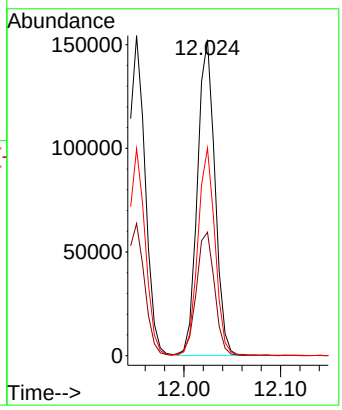
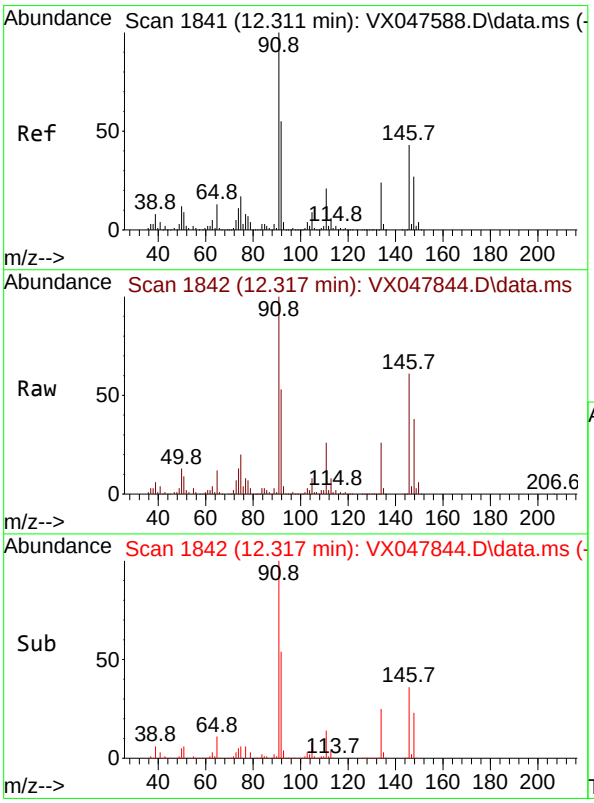
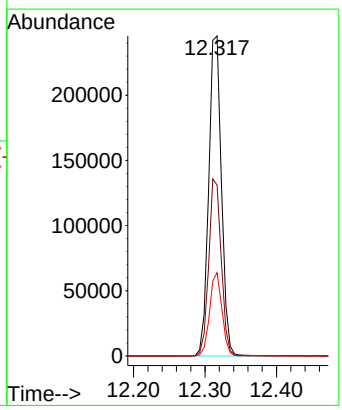


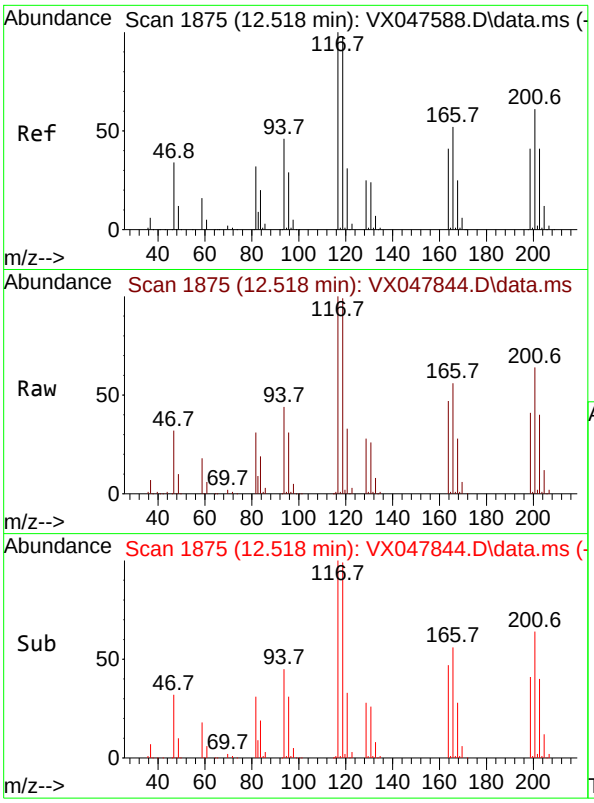


#89
n-Butylbenzene
Concen: 43.932 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 91 Resp: 303246

Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.6	82.7
134	25.1	12.6	37.8





#90
Hexachloroethane
Concen: 45.812 ug/l
RT: 12.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

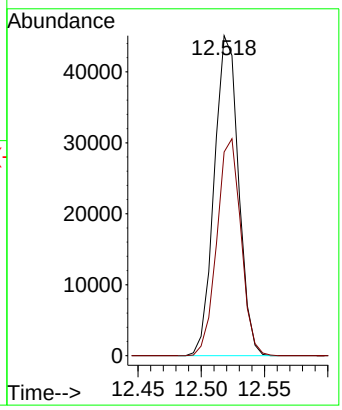
Tgt Ion:117 Resp: 6000

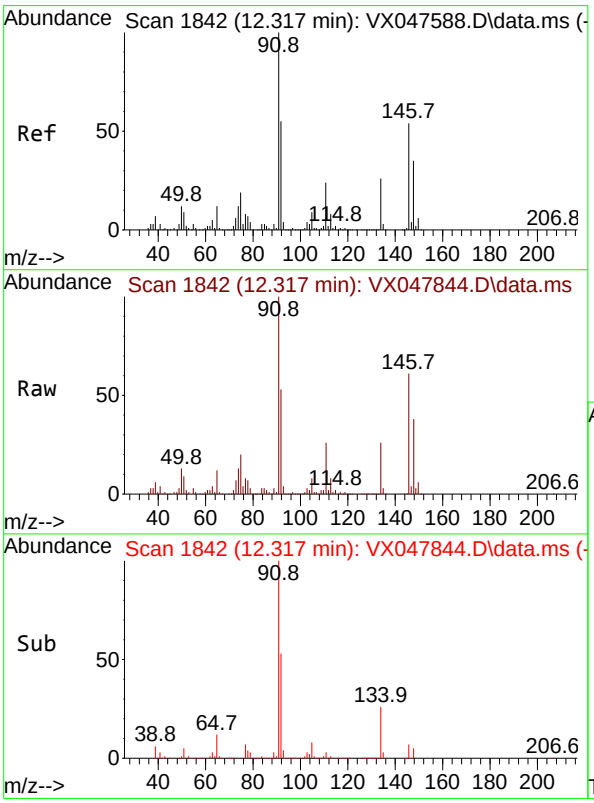
Ion	Ratio	Lower	Upper
117	100		
201	67.4	34.2	102.5

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

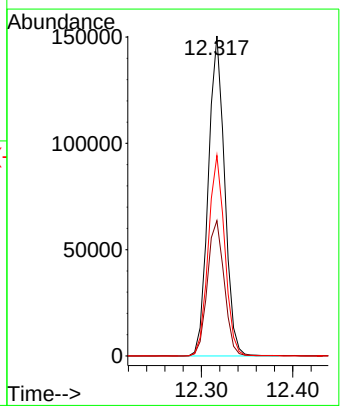


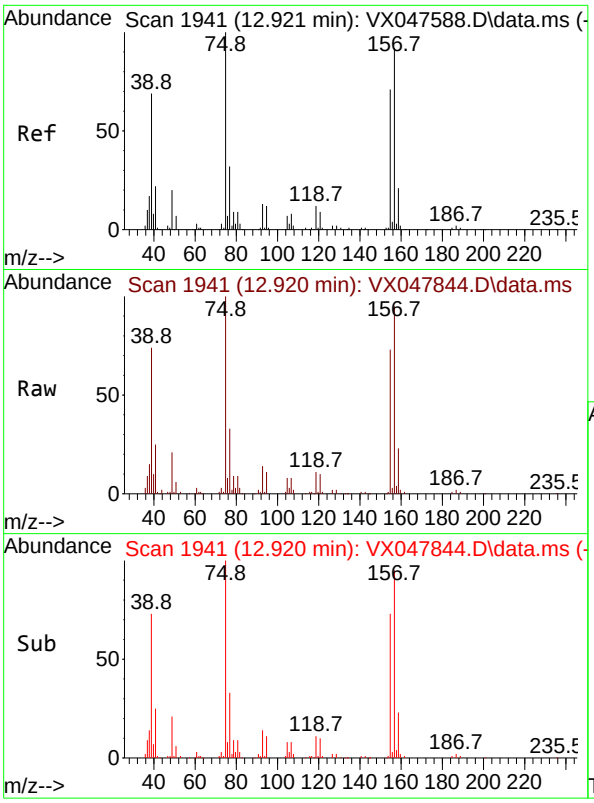


#91
1,2-Dichlorobenzene
Concen: 48.435 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:146 Resp: 186196

Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.2	66.6
148	63.0	31.8	95.4





#92
1,2-Dibromo-3-Chloropropane
Concen: 49.867 ug/l
RT: 12.920 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

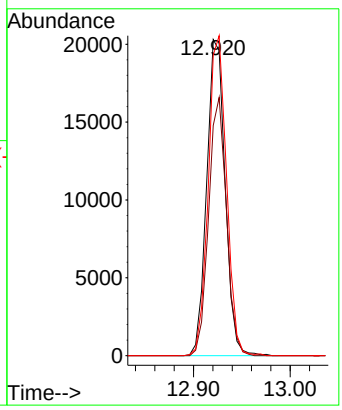
Tgt Ion: 75 Resp: 2694

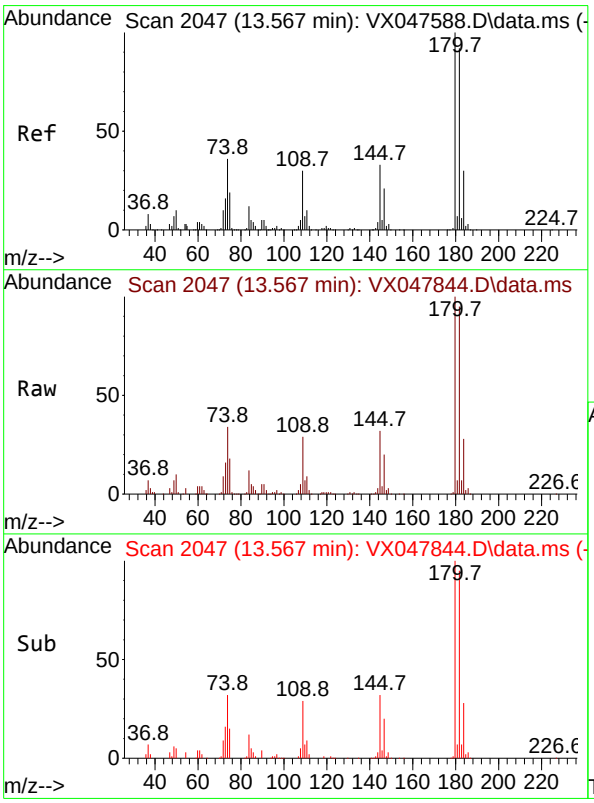
Ion	Ratio	Lower	Upper
75	100		
155	78.7	37.7	113.1
157	100.2	49.8	149.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

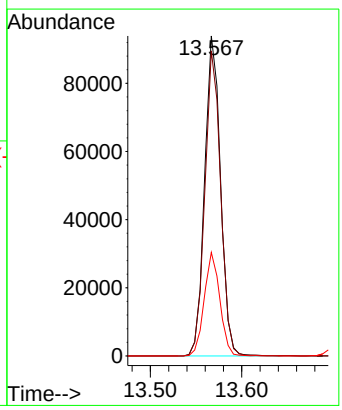


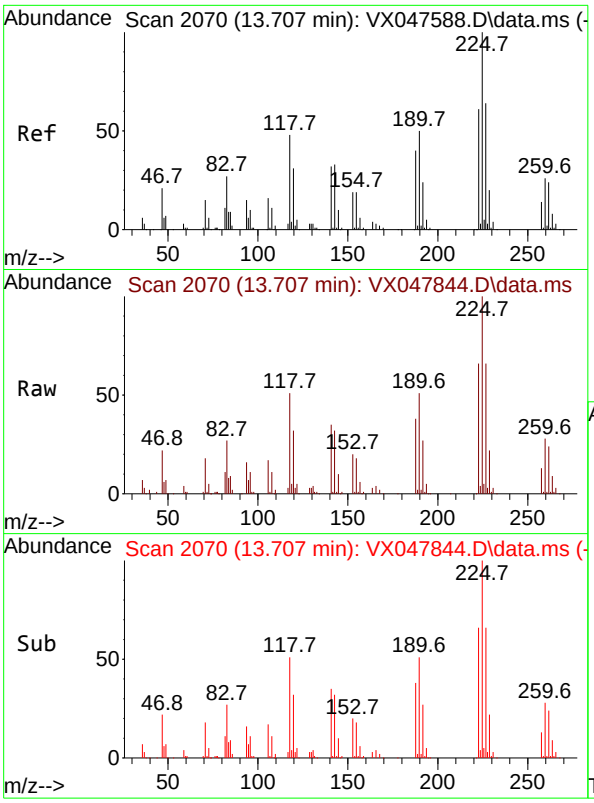


#93
1,2,4-Trichlorobenzene
Concen: 45.241 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:180 Resp: 113030

Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.6	139.8
145	31.8	16.4	49.1

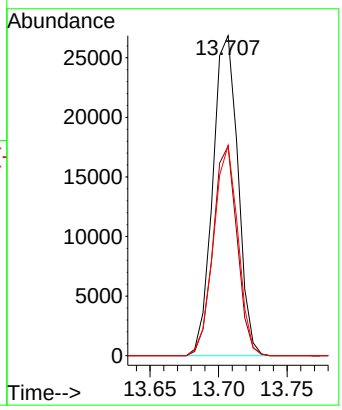




#94
Hexachlorobutadiene
Concen: 40.316 ug/l
RT: 13.707 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:225 Resp: 3421

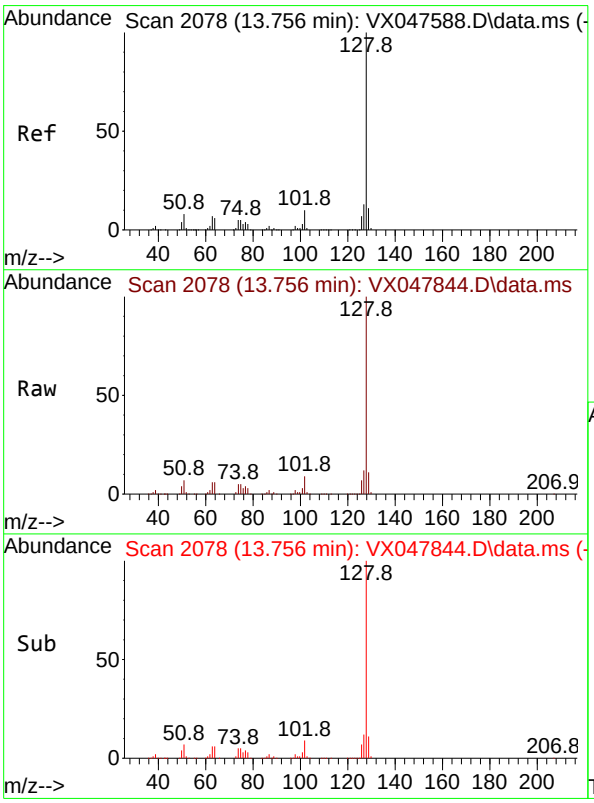
Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.7	95.1
227	63.8	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
APPROVED

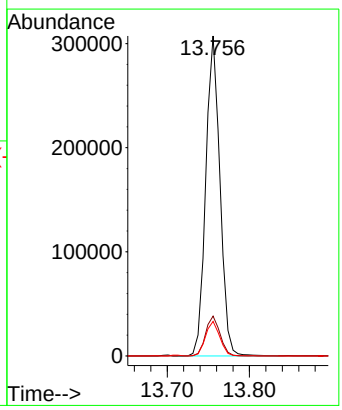
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

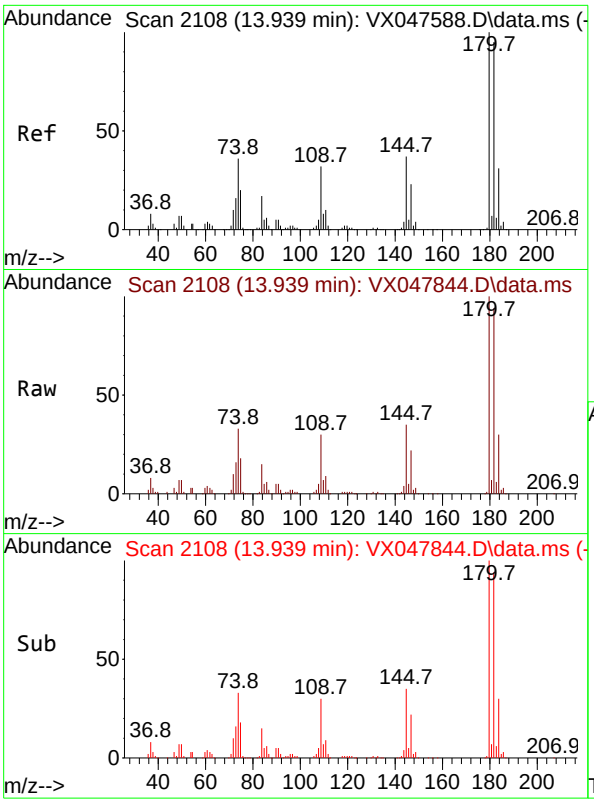


#95
Naphthalene
Concen: 48.482 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:128 Resp: 368844

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.8	13.2

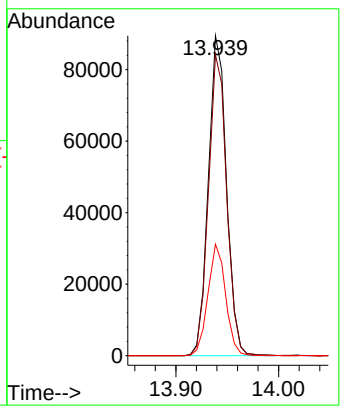




#96
1,2,3-Trichlorobenzene
Concen: 47.338 ug/l
RT: 13.939 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:180 Resp: 11001

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.6	142.8
145	34.1	17.9	53.7



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

Raw Data: **VX047845.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-1-20250916MSD	SDG No.:	Q3128
Lab Sample ID:	Q3128-03MSD	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:	Date Analyzed	Prep Batch ID
VX047845.D	1	09/26/25 09:07	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	51.3		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	50.3		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	51.5		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	48.2		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	50.3		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	49.2		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	47.7		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	50.6		0.23	0.75	1.00	ug/L
67-64-1	Acetone	230		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	50.2		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	52.3		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	47.4		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	51.9		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	51.5		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	51.7		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	45.8		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	280		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	45.9		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	52.3		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	51.9		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	52.8		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	50.4		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	42.0		0.16	0.50	1.00	ug/L
71-43-2	Benzene	50.3		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	49.7		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	50.4		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	51.3		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	51.1		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	280		0.68	2.50	5.00	ug/L
108-88-3	Toluene	50.5		0.14	0.50	1.00	ug/L

Raw Data: **VX047845.D**

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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-1-20250916MSD	SDG No.:	Q3128
Lab Sample ID:	Q3128-03MSD	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:	Date Analyzed	Prep Batch ID
VX047845.D	1	09/26/25 09:07	VX092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	46.0		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	45.2		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	54.1		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	280		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	53.7		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	55.4		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	45.5		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	48.5		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	47.7		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	97.2		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	49.0		0.12	0.50	1.00	ug/L
100-42-5	Styrene	48.5		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	51.0		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	45.6		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	51.6		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	47.2		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	46.1		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	48.3		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	50.6		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.3		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	47.7		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.1		81 - 118		98%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		80 - 119		96%	SPK: 50
2037-26-5	Toluene-d8	47.6		89 - 112		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		85 - 114		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	130000	5.538				
540-36-3	1,4-Difluorobenzene	242000	6.745				
3114-55-4	Chlorobenzene-d5	227000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	113000	12.006				

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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/17/25
Client Sample ID:	BPOW6-1-20250916MSD	SDG No.:	Q3128
Lab Sample ID:	Q3128-03MSD	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:	Date Analyzed	Prep Batch ID
VX047845.D	1	09/26/25 09:07	VX092525

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\VX092525\
Data File : VX047845.D
Acq On : 26 Sep 2025 09:07
Operator : JC/MD
Sample : Q3128-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Sep 26 22:51:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	130228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	242264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	226841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	101864	49.141	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.280%			
35) Dibromofluoromethane	5.379	113	77809	47.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.780%			
50) Toluene-d8	8.635	98	267377	47.559	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.120%			
62) 4-Bromofluorobenzene	11.061	95	102232	47.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	69130	51.263	ug/l	97
3) Chloromethane	1.301	50	89075	50.258	ug/l	99
4) Vinyl Chloride	1.380	62	89367	51.511	ug/l	97
5) Bromomethane	1.611	94	53070	48.239	ug/l	96
6) Chloroethane	1.691	64	58336	50.309	ug/l	100
7) Trichlorofluoromethane	1.892	101	126786	49.218	ug/l	98
8) Diethyl Ether	2.136	74	55446	52.617	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	71830	47.687	ug/l	97
10) Methyl Iodide	2.453	142	106017	45.130	ug/l	99
11) Tert butyl alcohol	2.947	59	61661	267.086	ug/l	99
12) 1,1-Dichloroethene	2.325	96	78307	50.611	ug/l	98
13) Acrolein	2.233	56	50065	235.327	ug/l	97
14) Allyl chloride	2.666	41	144337	45.207	ug/l	97
15) Acrylonitrile	3.056	53	249703	292.002	ug/l	98
16) Acetone	2.374	43	202854	225.067	ug/l	96
17) Carbon Disulfide	2.514	76	212464	50.160	ug/l	99
18) Methyl Acetate	2.697	43	95010	47.367	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	295264	52.276	ug/l	100
20) Methylene Chloride	2.788	84	99078	51.933	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	85725	51.462	ug/l	95
22) Diisopropyl ether	3.751	45	326980	52.843	ug/l	99
23) Vinyl Acetate	3.715	43	1048799	211.780	ug/l	100
24) 1,1-Dichloroethane	3.605	63	170110	51.724	ug/l	99
25) 2-Butanone	4.538	43	309509	275.299	ug/l	99
26) 2,2-Dichloropropane	4.465	77	65559	23.980	ug/l	94
27) cis-1,2-Dichloroethene	4.477	96	106732	52.318	ug/l	93
28) Bromochloromethane	4.885	49	74514	51.898	ug/l	98
29) Tetrahydrofuran	4.989	42	198456	293.430	ug/l	100
30) Chloroform	5.080	83	175569	52.828	ug/l	100
31) Cyclohexane	5.464	56	125386	45.775	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	142040	50.387	ug/l	99
36) 1,1-Dichloropropene	5.684	75	109852	46.270	ug/l	98
37) Ethyl Acetate	4.696	43	105537	41.517	ug/l	99
38) Carbon Tetrachloride	5.672	117	118519	45.946	ug/l	94
39) Methylcyclohexane	7.367	83	113139	41.981	ug/l	99
40) Benzene	6.025	78	362384	50.255	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047845.D
Acq On : 26 Sep 2025 09:07
Operator : JC/MD
Sample : Q3128-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Sep 26 22:51:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	70999	54.101	ug/l		100
42) 1,2-Dichloroethane	6.074	62	136462	49.737	ug/l		97
43) Isopropyl Acetate	6.324	43	190115	45.601	ug/l		98
44) Trichloroethene	7.111	130	87926	50.436	ug/l		95
45) 1,2-Dichloropropane	7.415	63	94712	51.294	ug/l		97
46) Dibromomethane	7.568	93	69973	52.077	ug/l		97
47) Bromodichloromethane	7.806	83	141698	51.105	ug/l		99
48) Methyl methacrylate	7.677	41	108538	52.265	ug/l		97
49) 1,4-Dioxane	7.647	88	27985	1333.443	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	654858	283.300	ug/l		100
52) Toluene	8.702	92	224531	50.540	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	130150	46.019	ug/l		98
54) cis-1,3-Dichloropropene	8.354	75	136755	45.240	ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	92719	54.125	ug/l		97
56) Ethyl methacrylate	9.104	69	144795	53.821	ug/l		96
57) 1,3-Dichloropropane	9.293	76	158722	53.937	ug/l		98
59) 2-Hexanone	9.415	43	457947	275.847	ug/l		99
60) Dibromochloromethane	9.506	129	105945	53.675	ug/l		99
61) 1,2-Dibromoethane	9.592	107	96675	55.407	ug/l		100
64) Tetrachloroethene	9.263	164	67312	45.519	ug/l		95
65) Chlorobenzene	10.061	112	250125	48.536	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.147	131	88489	49.761	ug/l		99
67) Ethyl Benzene	10.177	91	423798	47.662	ug/l		99
68) m/p-Xylenes	10.287	106	321837	97.244	ug/l		98
69) o-Xylene	10.628	106	156719	48.957	ug/l		98
70) Styrene	10.640	104	271926	48.480	ug/l		99
71) Bromoform	10.781	173	67682	50.972	ug/l	#	99
73) Isopropylbenzene	10.945	105	390233	45.559	ug/l		99
74) N-amyl acetate	10.829	43	150836	38.617	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	133696	51.590	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	116508m	51.075	ug/l		
77) Bromobenzene	11.183	156	101534	48.129	ug/l		97
78) n-propylbenzene	11.287	91	461969	45.624	ug/l		99
79) 2-Chlorotoluene	11.348	91	286705	46.230	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	321780	45.725	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	31497	35.212	ug/l		98
82) 4-Chlorotoluene	11.439	91	337335	46.056	ug/l		99
83) tert-Butylbenzene	11.695	119	332310	46.129	ug/l		97
84) 1,2,4-Trimethylbenzene	11.732	105	331594	46.476	ug/l		100
85) sec-Butylbenzene	11.872	105	386510	45.170	ug/l		100
86) p-Isopropyltoluene	11.994	119	325012	44.865	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	184756	47.150	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	185514	46.129	ug/l		99
89) n-Butylbenzene	12.317	91	293775	43.827	ug/l		99
90) Hexachloroethane	12.518	117	58750	46.192	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	180250	48.284	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26557	50.616	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	112364	46.313	ug/l		99
94) Hexachlorobutadiene	13.707	225	34498	41.861	ug/l		99
95) Naphthalene	13.756	128	370629	50.167	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	107581	47.668	ug/l		99

Sample Results: **VX047845.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047845.D
Acq On : 26 Sep 2025 09:07
Operator : JC/MD
Sample : Q3128-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Sep 26 22:51:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

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\VX092525\
Data File : VX047845.D
Acq On : 26 Sep 2025 09:07
Operator : JC/MD
Sample : Q3128-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Sep 26 22:51:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
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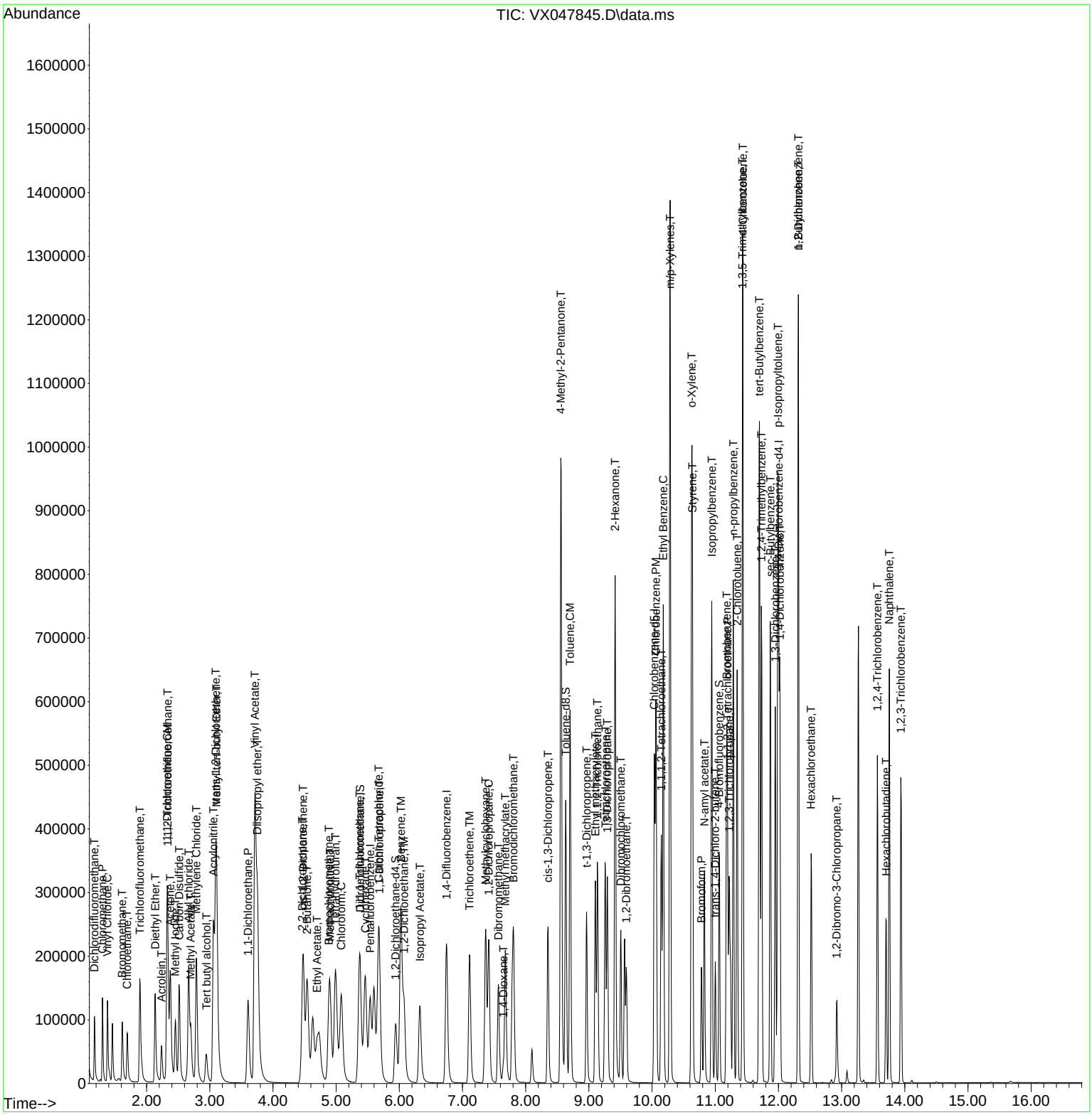
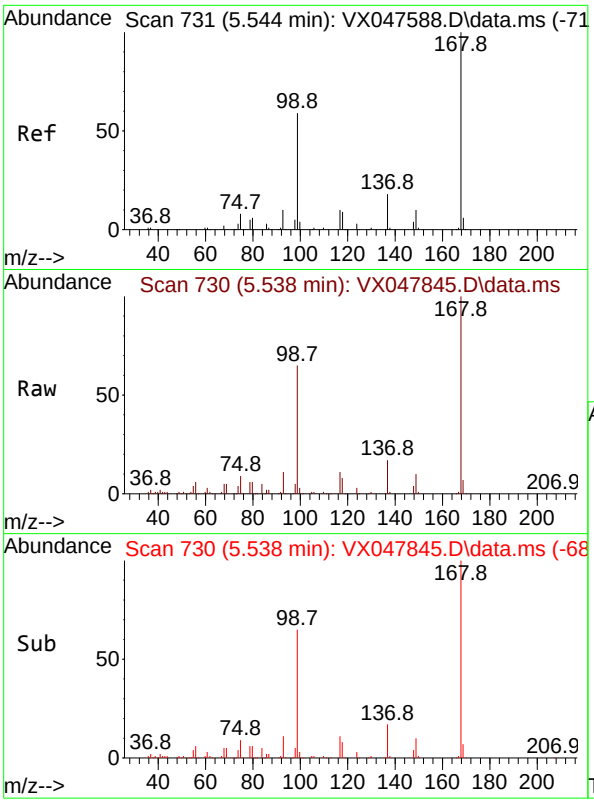
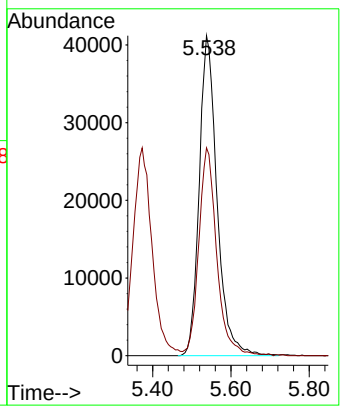




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:168 Resp: 13022

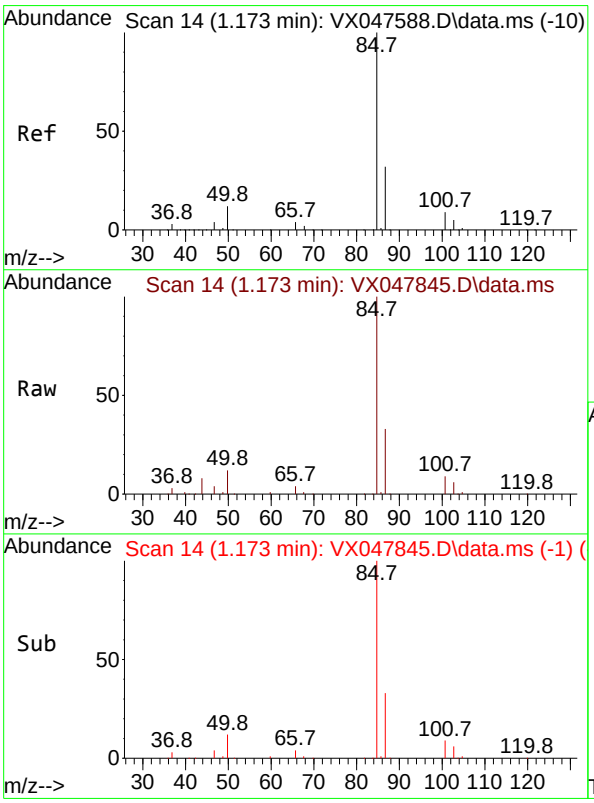
Ion	Ratio	Lower	Upper
168	100		
99	64.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
APPROVED

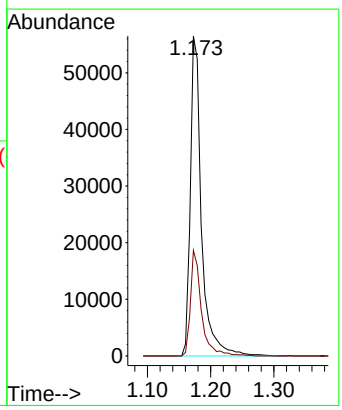
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

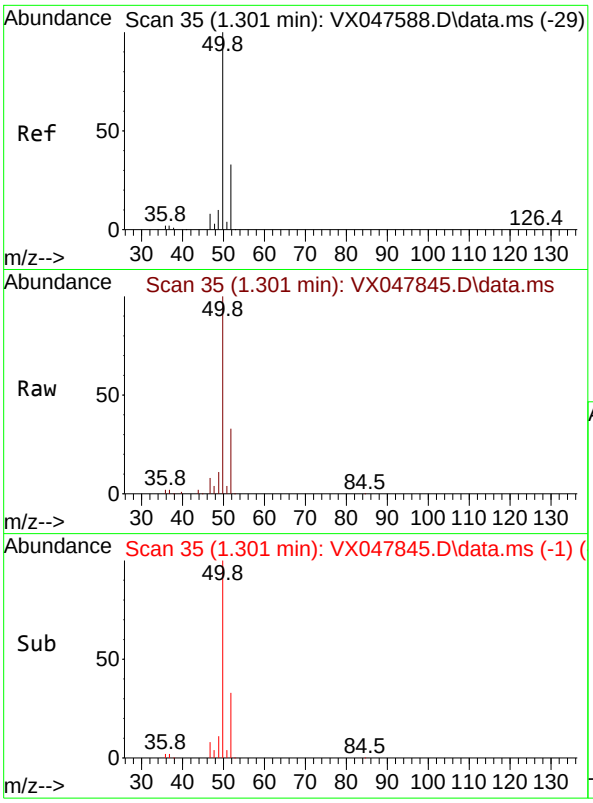


#2
Dichlorodifluoromethane
Concen: 51.263 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 85 Resp: 69130

Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.8	47.3

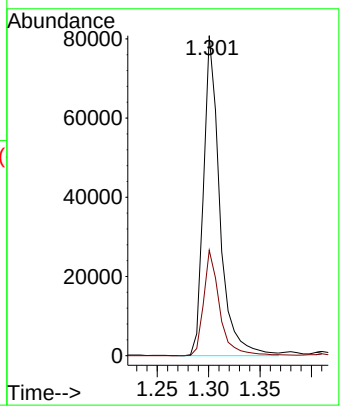




#3
Chloromethane
Concen: 50.258 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 50 Resp: 8907

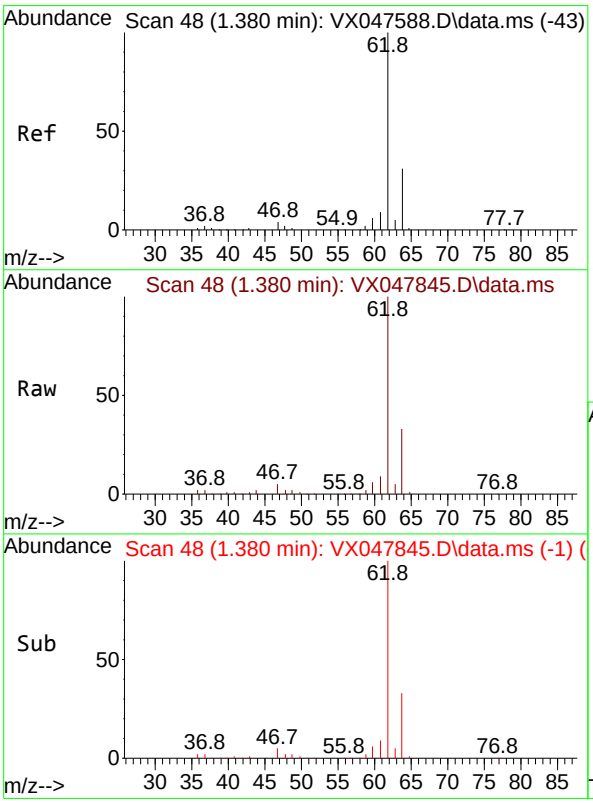
Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
APPROVED

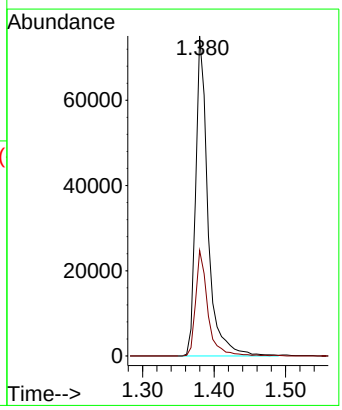
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

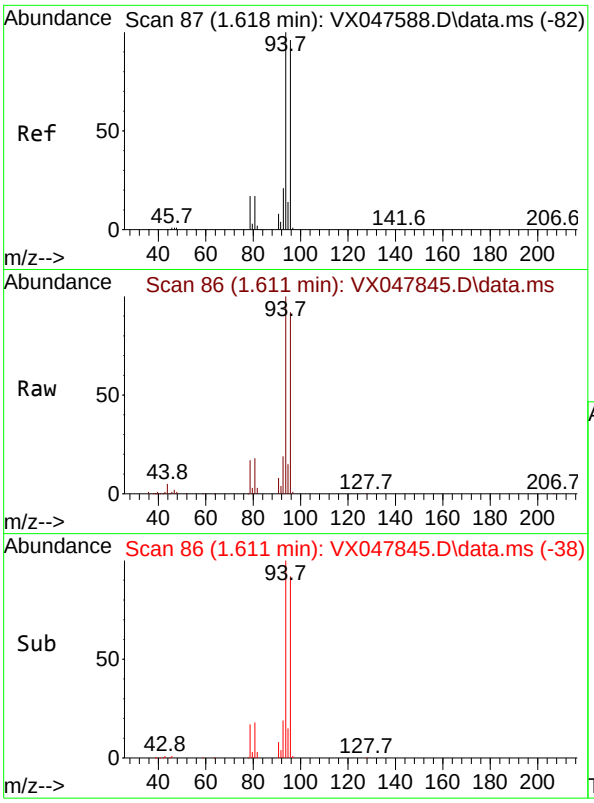


#4
Vinyl Chloride
Concen: 51.511 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 62 Resp: 89367

Ion	Ratio	Lower	Upper
62	100		
64	33.0	24.9	37.3

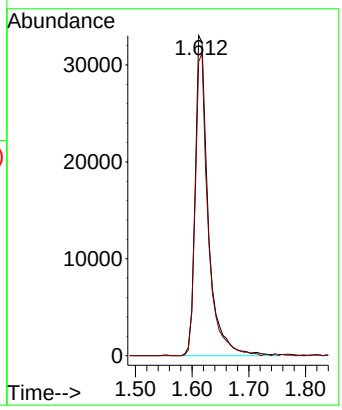




#5
Bromomethane
Concen: 48.239 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 94 Resp: 5307

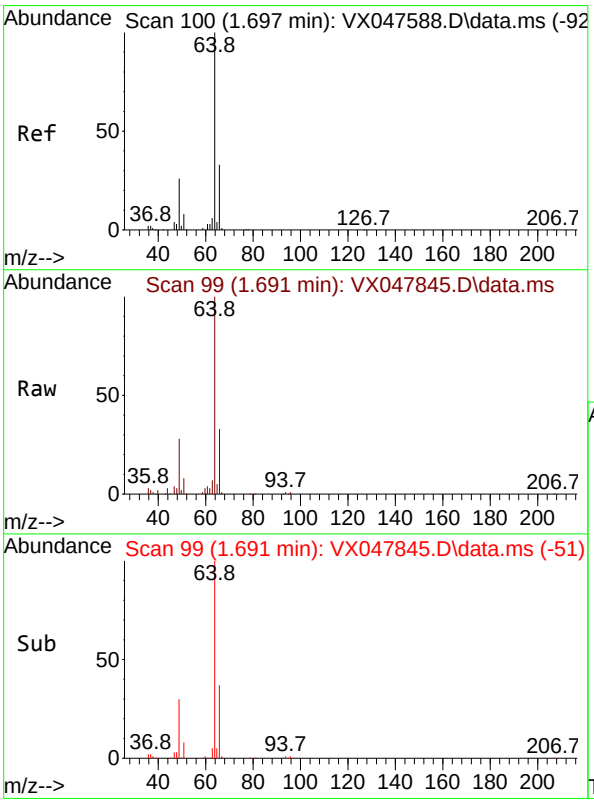
Ion	Ratio	Lower	Upper
94	100		
96	91.9	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
APPROVED

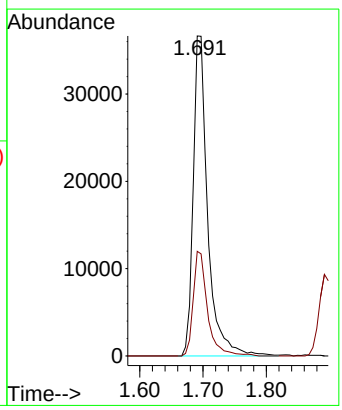
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

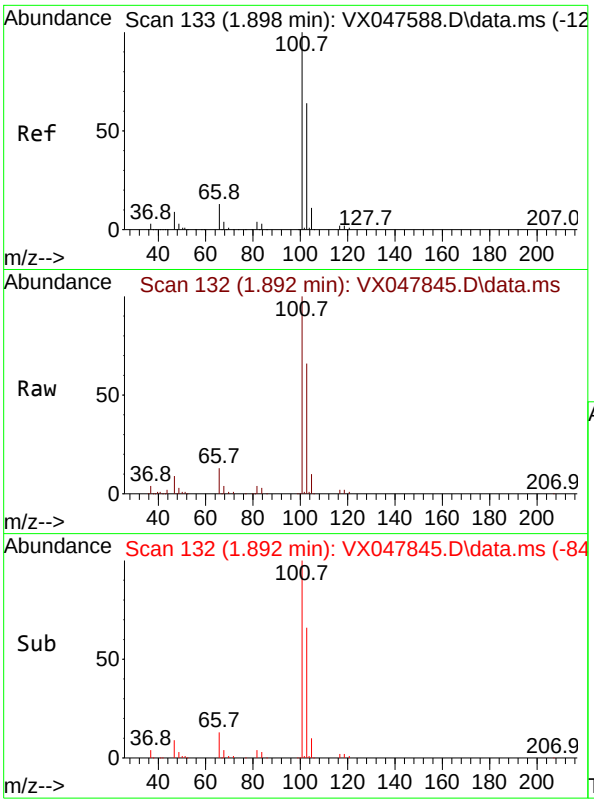


#6
Chloroethane
Concen: 50.309 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 64 Resp: 58336

Ion	Ratio	Lower	Upper
64	100		
66	32.7	26.1	39.1





#7
Trichlorofluoromethane
Concen: 49.218 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:101 Resp: 12678

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
APPROVED

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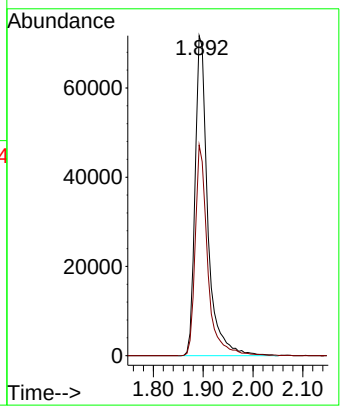
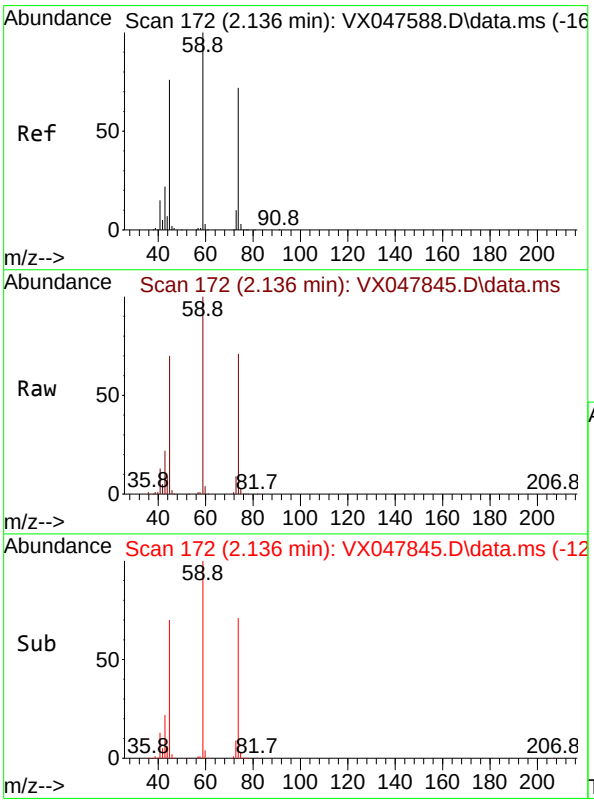
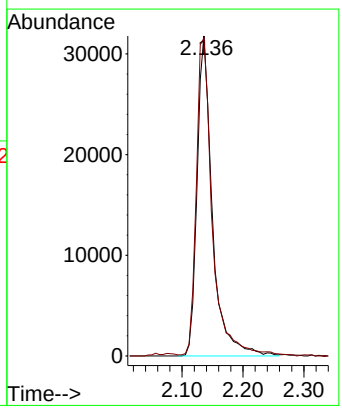


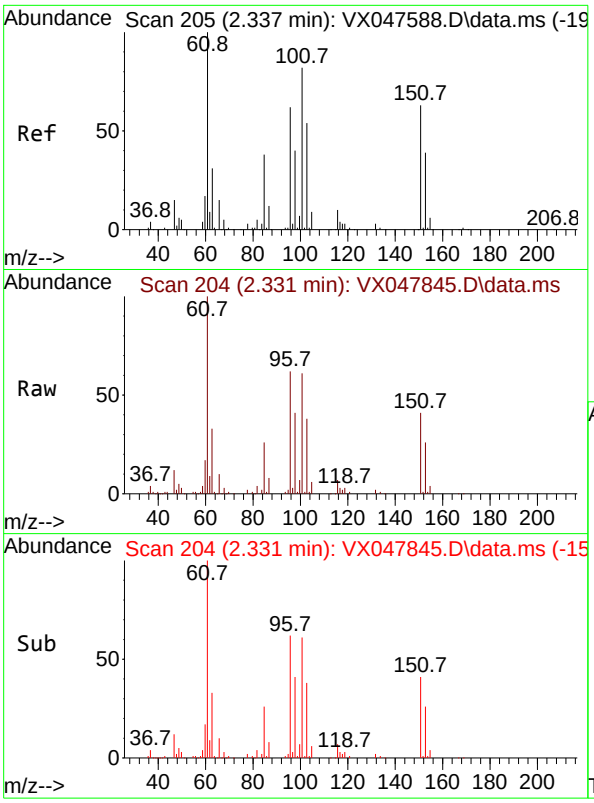


#8
Diethyl Ether
Concen: 52.617 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 74 Resp: 55446

Ion	Ratio	Lower	Upper
74	100		
45	104.1	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.687 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:101 Resp: 7183

Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.5	53.3
151	71.7	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
APPROVED

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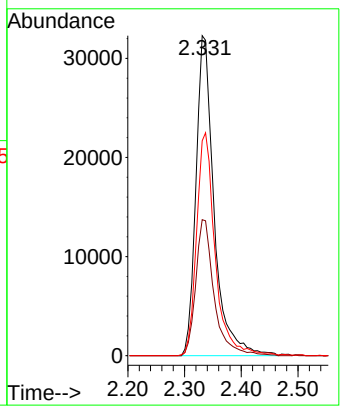
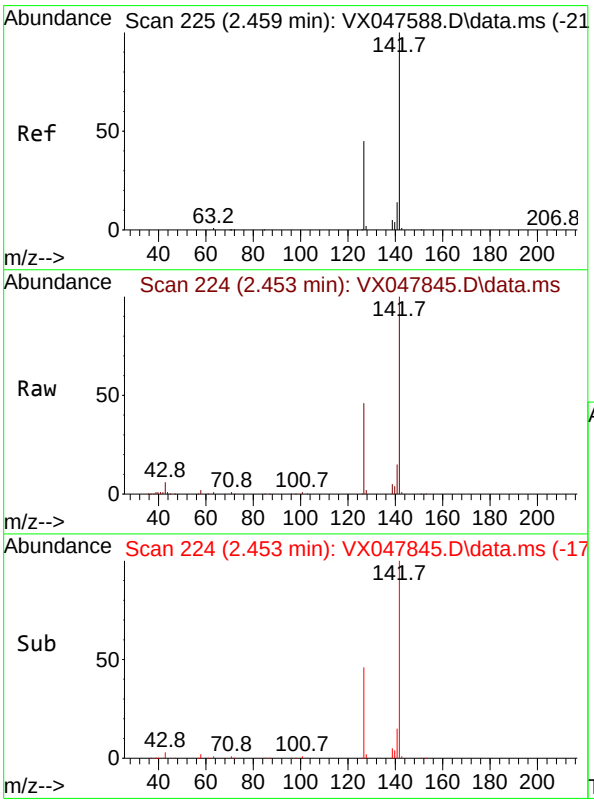
Supervised By :Mahesh Dadoda 09/29/2025

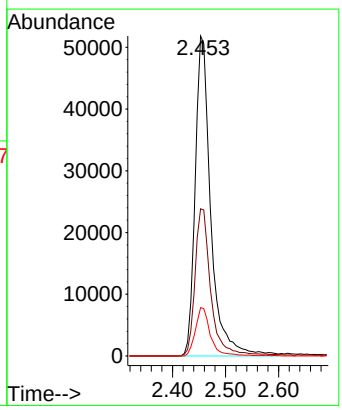


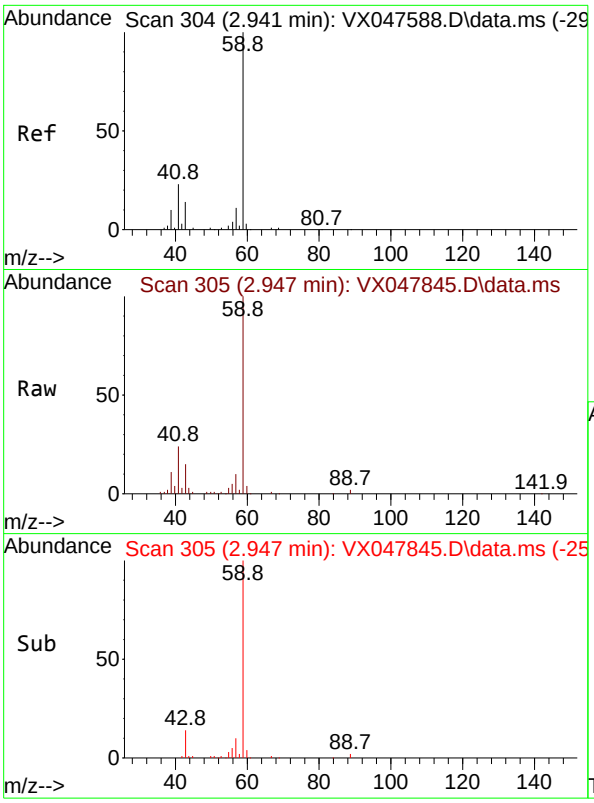


#10
Methyl Iodide
Concen: 45.130 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:142 Resp: 106017

Ion	Ratio	Lower	Upper
142	100		
127	46.8	37.2	55.8
141	14.4	11.4	17.0





#11
Tert butyl alcohol
Concen: 267.086 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 59 Resp: 6166

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
APPROVED

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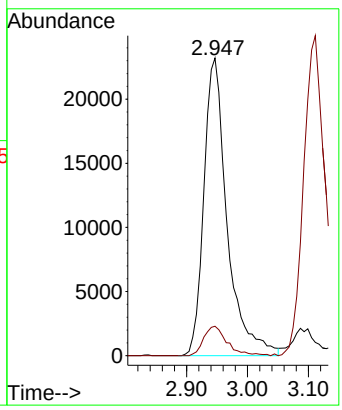
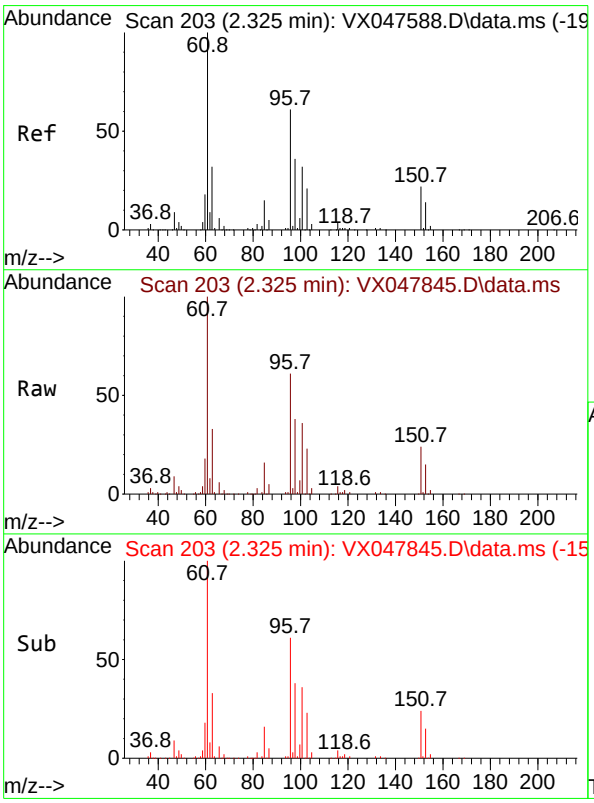
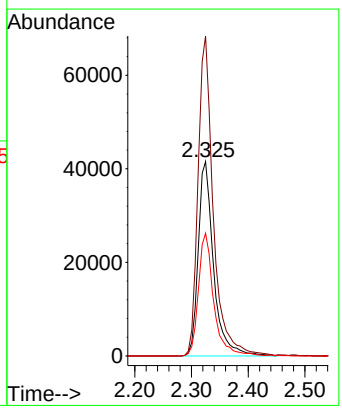


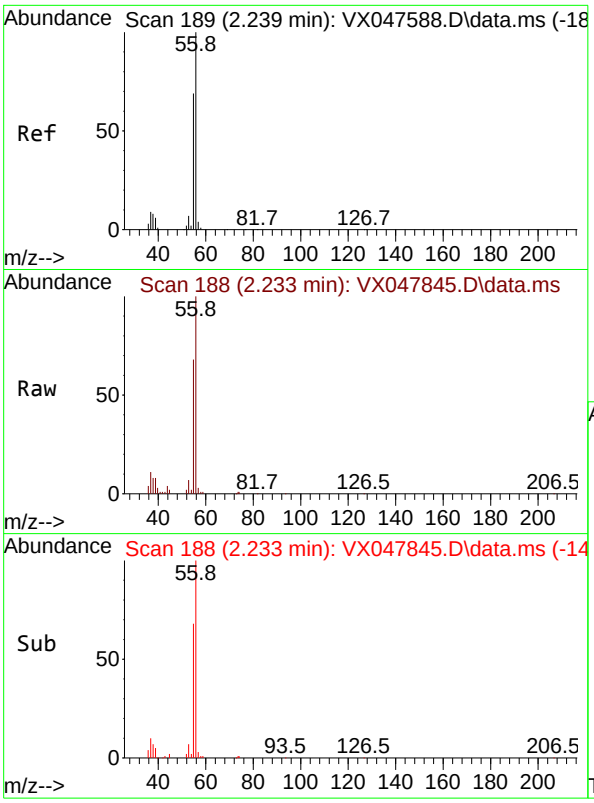


#12
1,1-Dichloroethene
Concen: 50.611 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 96 Resp: 78307

Ion	Ratio	Lower	Upper
96	100		
61	164.6	131.0	196.6
98	63.1	47.7	71.5





#13
Acrolein
Concen: 235.327 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 56 Resp: 5006

Ion	Ratio	Lower	Upper
56	100		
55	68.8	57.2	85.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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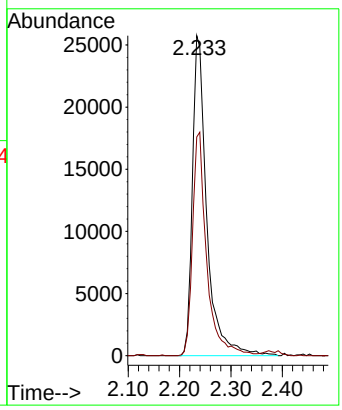
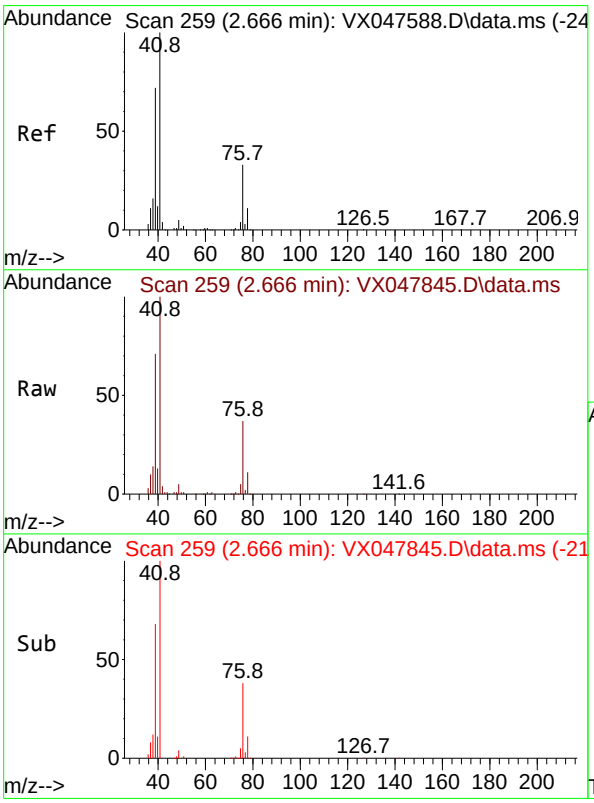
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

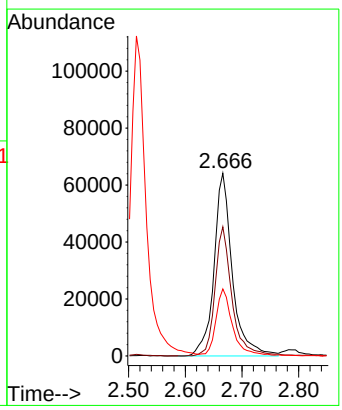


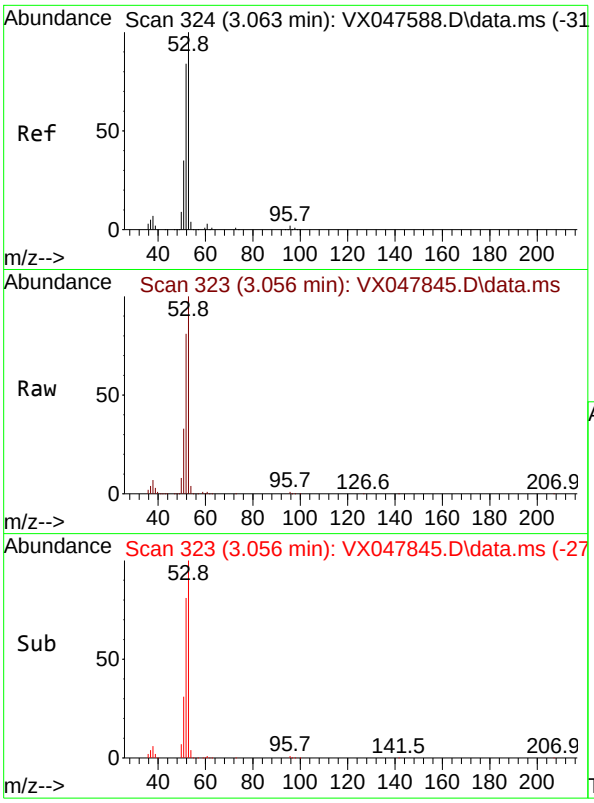


#14
Allyl chloride
Concen: 45.207 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 41 Resp: 144337

Ion	Ratio	Lower	Upper
41	100		
39	65.3	54.7	82.1
76	33.2	25.7	38.5

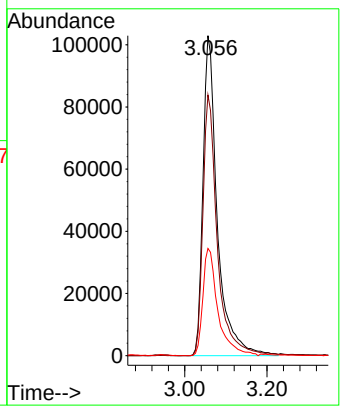




#15
Acrylonitrile
Concen: 292.002 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 53 Resp: 24970

Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.4	99.6
51	35.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
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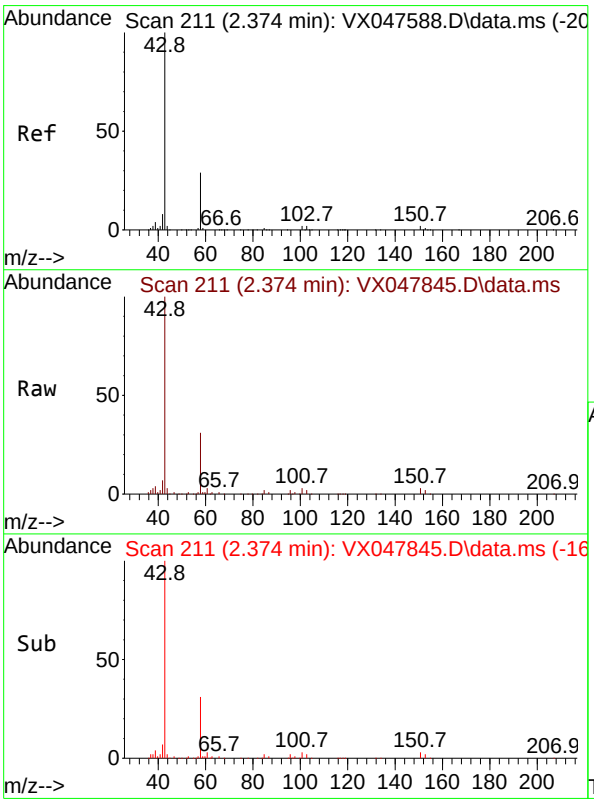
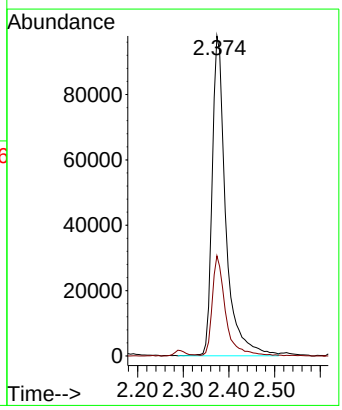
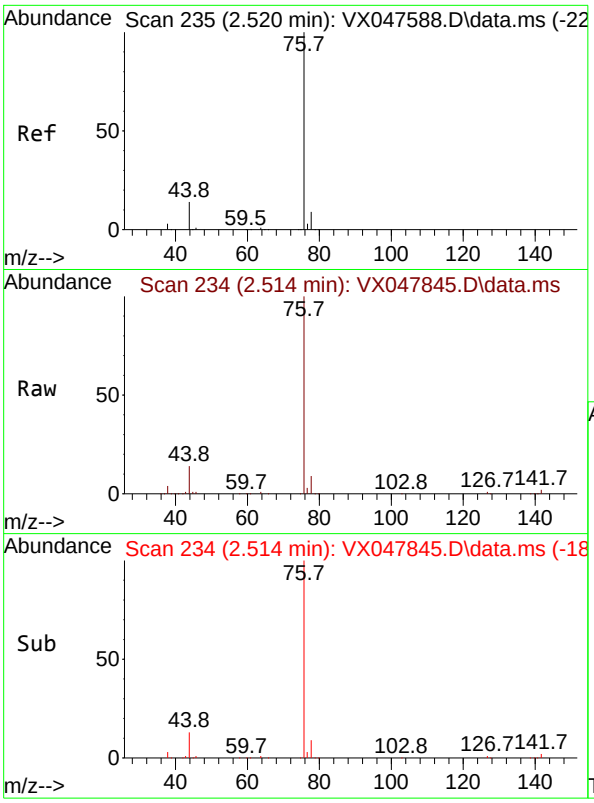


#16
Acetone
Concen: 225.067 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 43 Resp: 202854

Ion	Ratio	Lower	Upper
43	100		
58	31.3	23.4	35.0





#17
Carbon Disulfide
Concen: 50.160 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 76 Resp: 21246

Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.8	10.2

Instrument :
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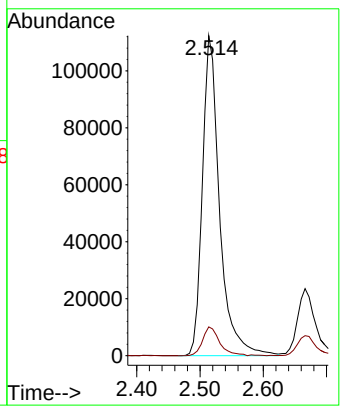
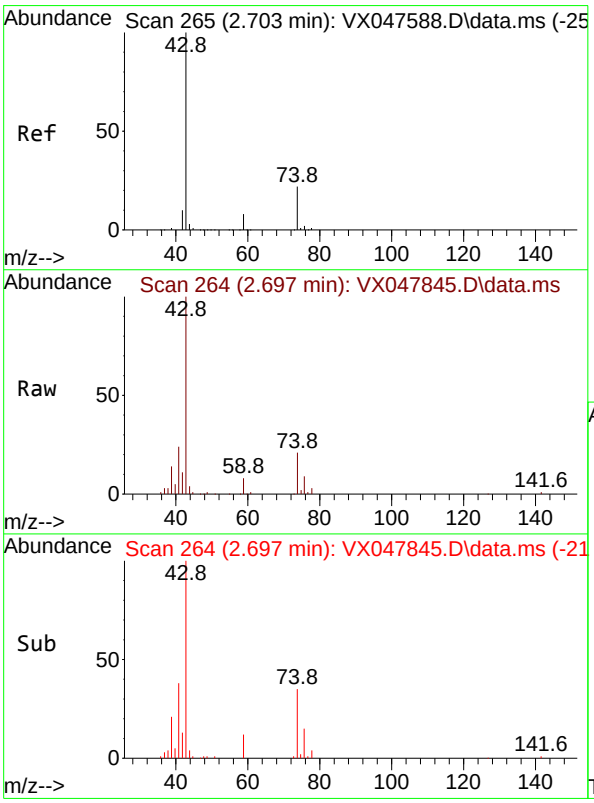
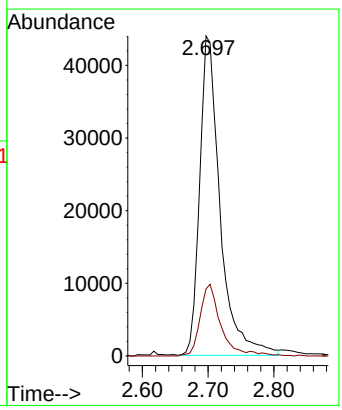


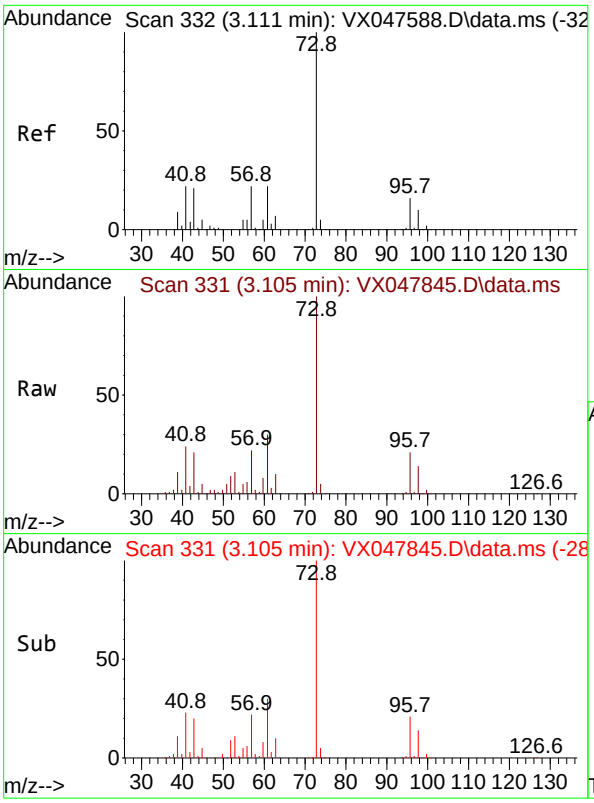


#18
Methyl Acetate
Concen: 47.367 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 43 Resp: 95010

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.4	26.2





#19
Methyl tert-butyl Ether
Concen: 52.276 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 73 Resp: 29526

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.4	26.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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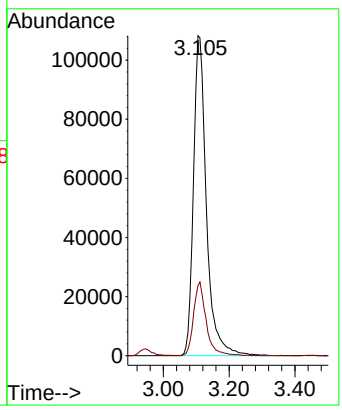
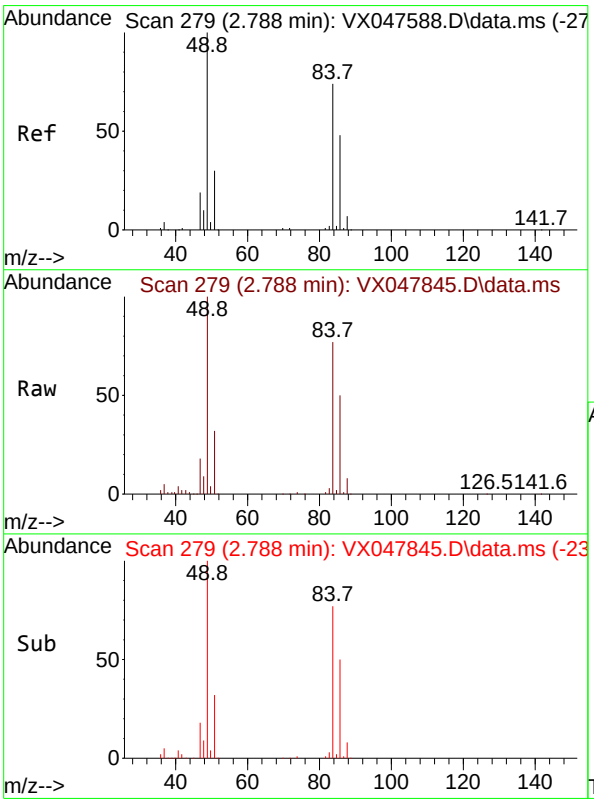
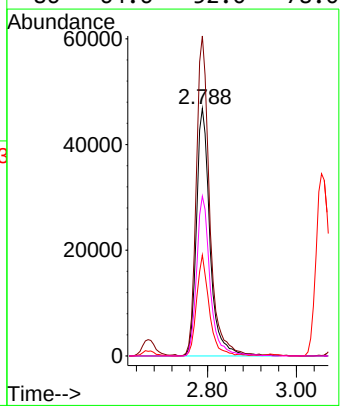


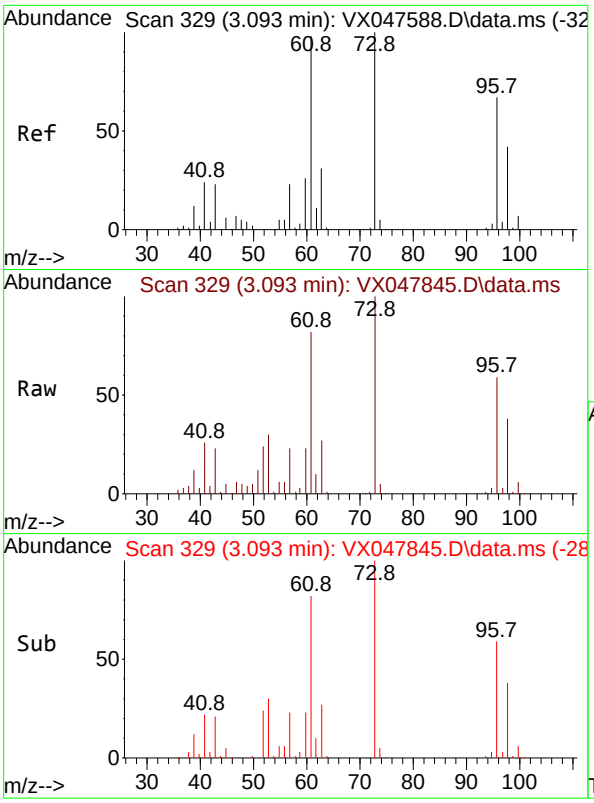


#20
Methylene Chloride
Concen: 51.933 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 84 Resp: 99078

Ion	Ratio	Lower	Upper
84	100		
49	129.2	108.6	162.8
51	40.8	32.6	48.8
86	64.6	52.0	78.0

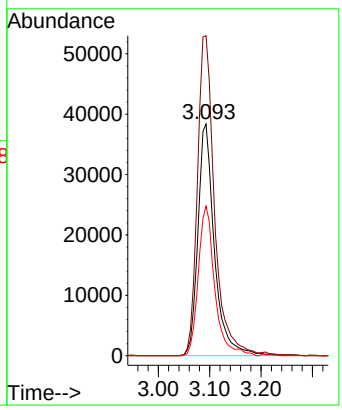




#21
trans-1,2-Dichloroethene
Concen: 51.462 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 96 Resp: 8572

Ion	Ratio	Lower	Upper
96	100		
61	138.2	116.2	174.2
98	64.6	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
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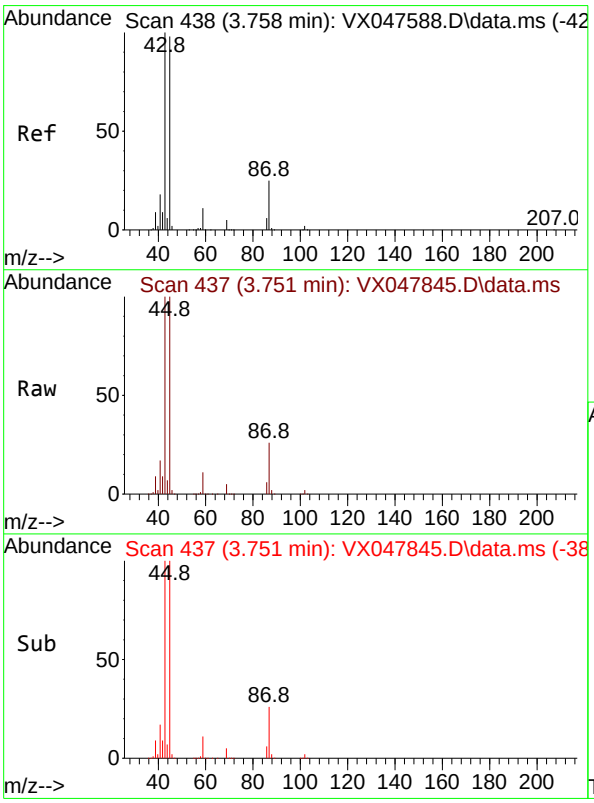
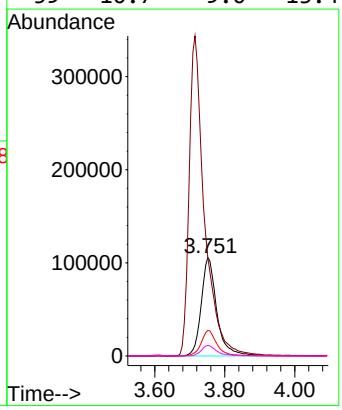
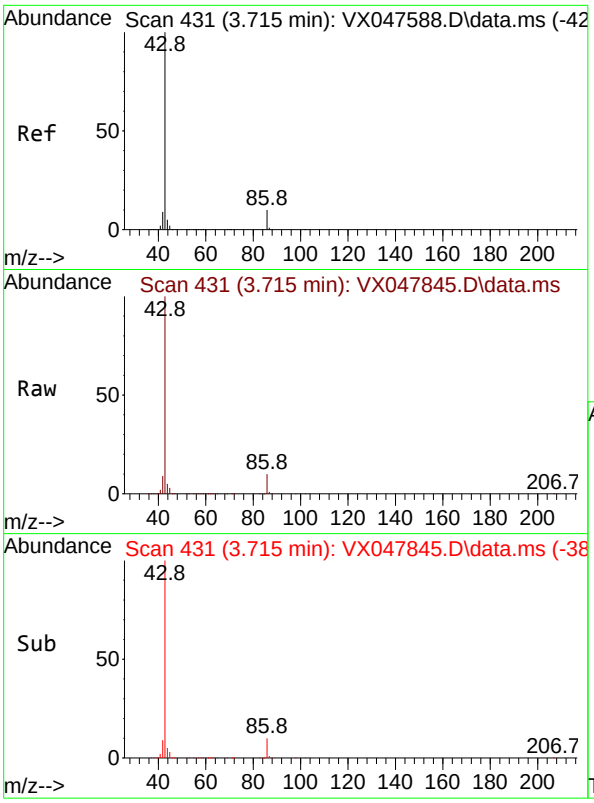


#22
Diisopropyl ether
Concen: 52.843 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 45 Resp: 326980

Ion	Ratio	Lower	Upper
45	100		
43	100.0	81.0	121.4
87	26.0	20.3	30.5
59	10.7	9.0	13.4





#23
Vinyl Acetate
Concen: 211.780 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 43 Resp: 104879

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
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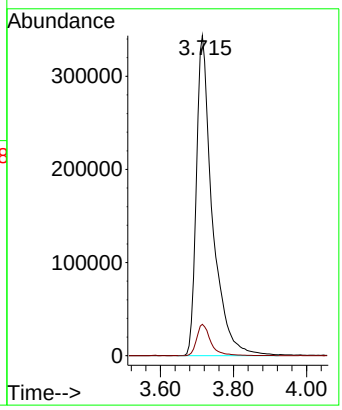
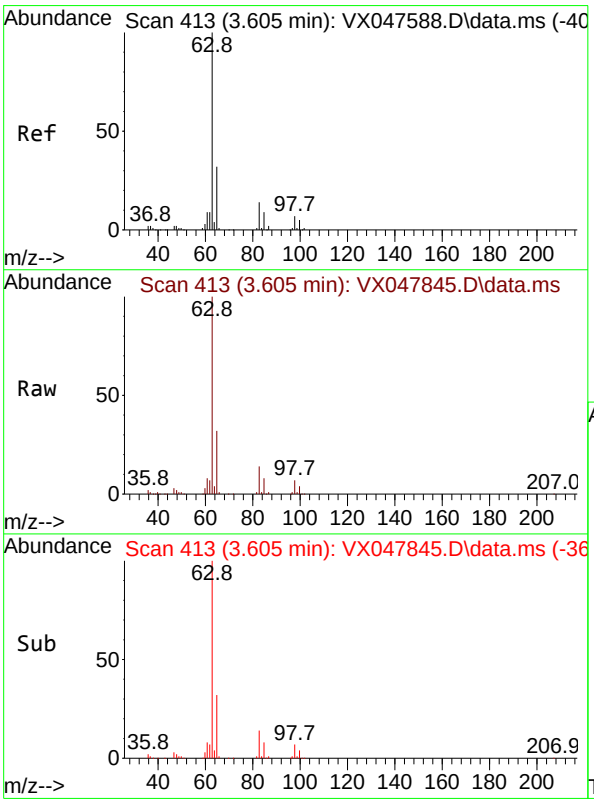
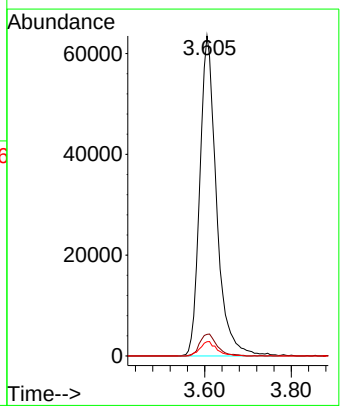


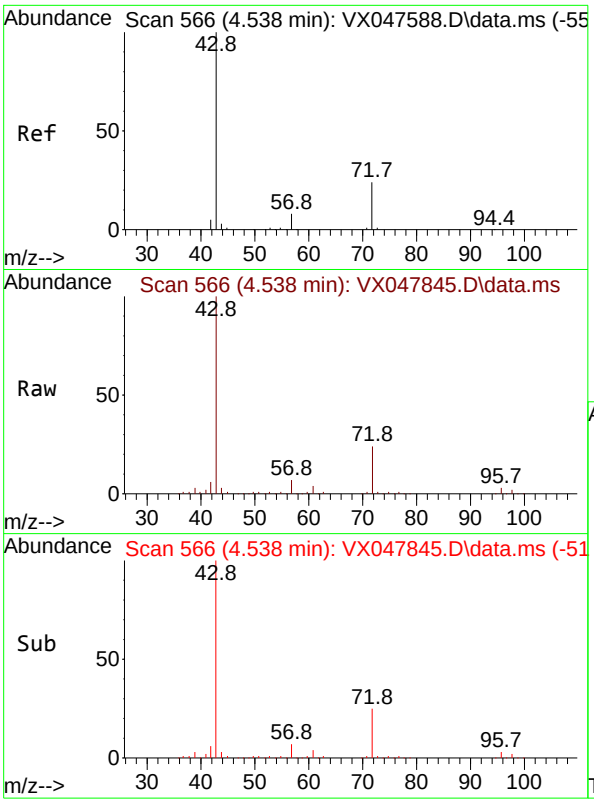


#24
1,1-Dichloroethane
Concen: 51.724 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 63 Resp: 170110

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.7	2.3	6.9





#25
2-Butanone
Concen: 275.299 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 43 Resp: 30950

Ion	Ratio	Lower	Upper
43	100		
72	24.5	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
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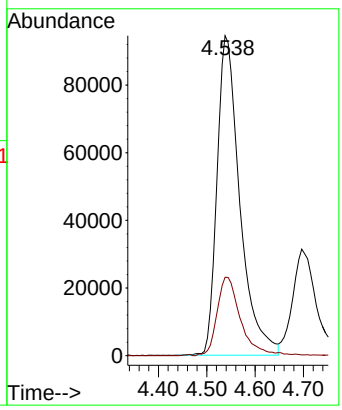
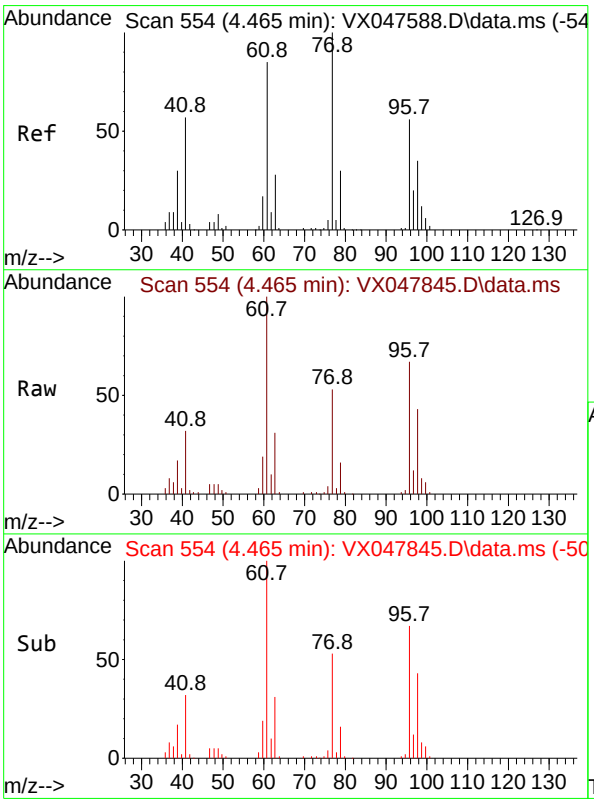
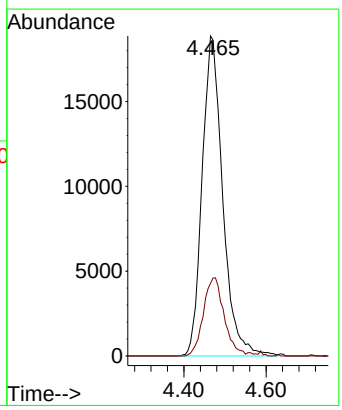


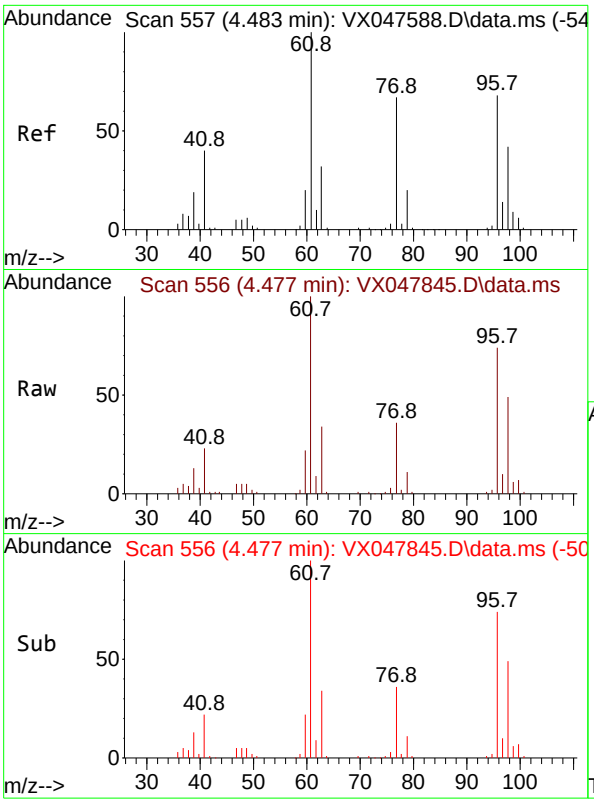


#26
2,2-Dichloropropane
Concen: 23.980 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 77 Resp: 65559

Ion	Ratio	Lower	Upper
77	100		
97	24.8	10.9	32.7





#27
cis-1,2-Dichloroethene
Concen: 52.318 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 96 Resp: 10673

Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	303.2
98	64.6	0.0	127.8

Instrument :
MSVOA_X
ClientSampleId :
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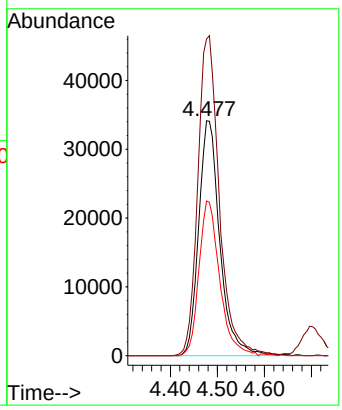
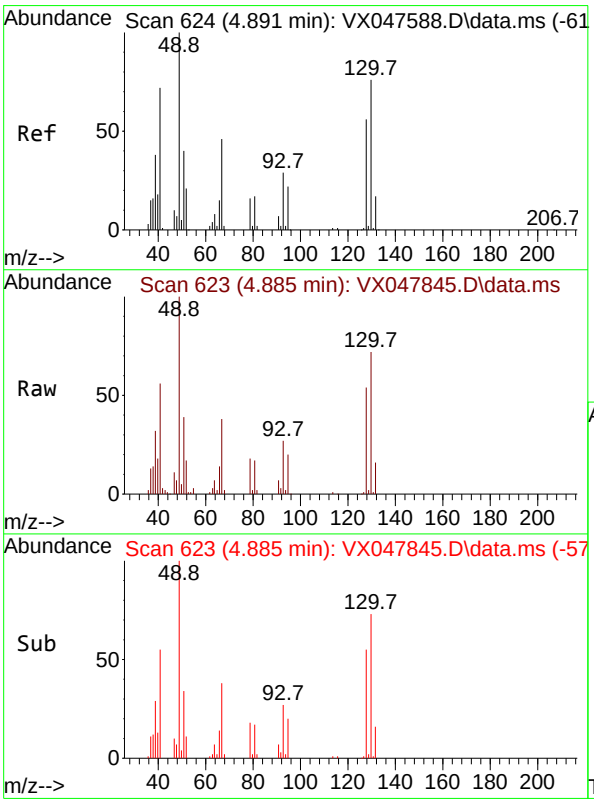
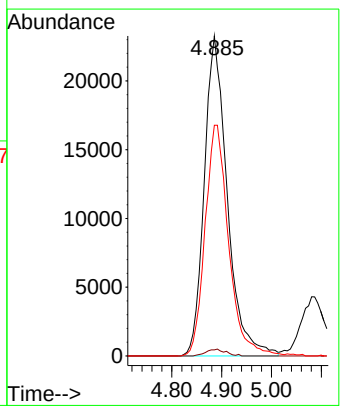


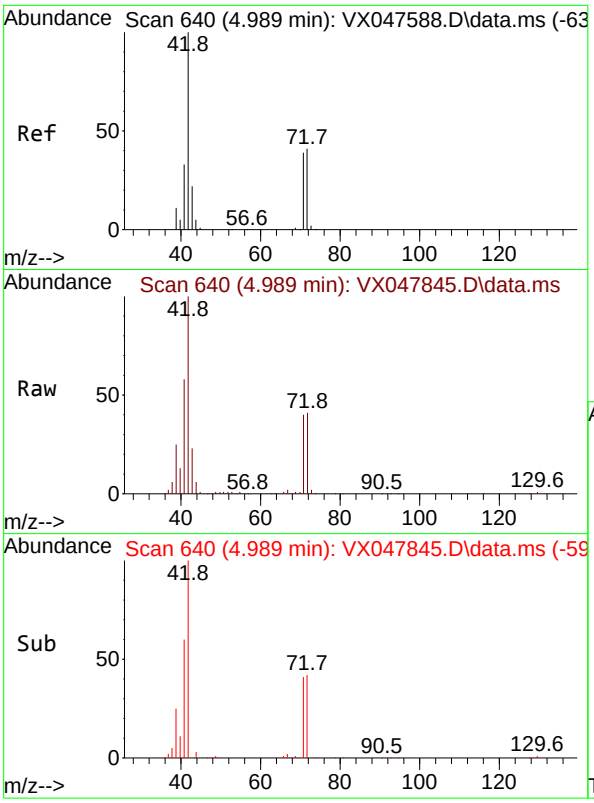


#28
Bromochloromethane
Concen: 51.898 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 49 Resp: 74514

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	73.9	57.8	86.8





#29
Tetrahydrofuran
Concen: 293.430 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 42 Resp: 19845

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	39.7	31.9	47.9

Instrument :
MSVOA_X
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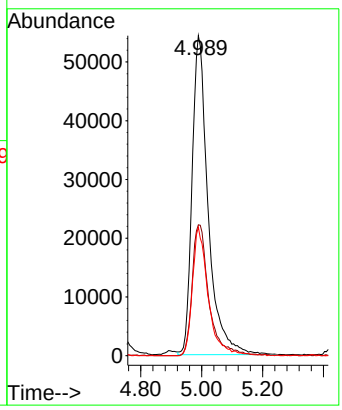
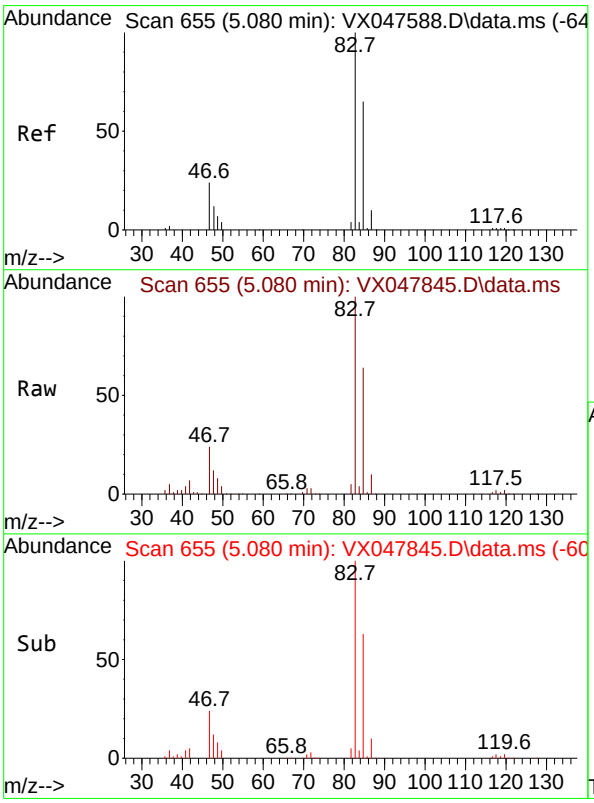
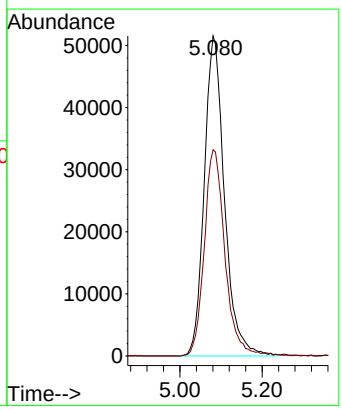


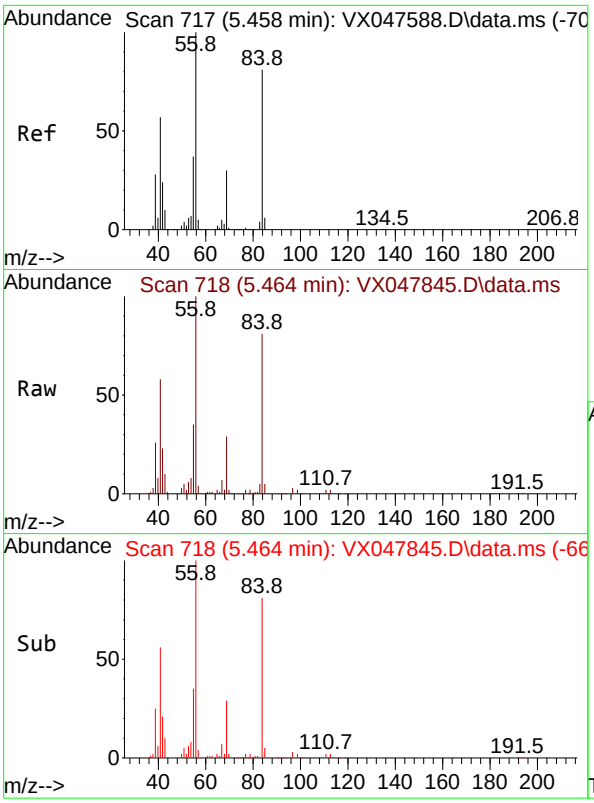


#30
Chloroform
Concen: 52.828 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 83 Resp: 175569

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.6

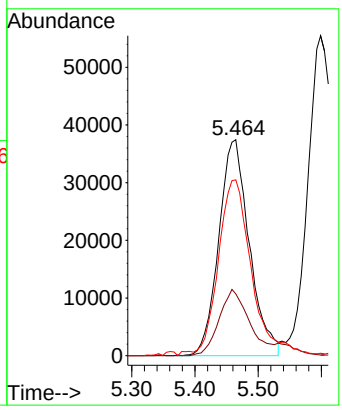




#31
Cyclohexane
Concen: 45.775 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 56 Resp: 12538

Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.8	35.8
84	81.4	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
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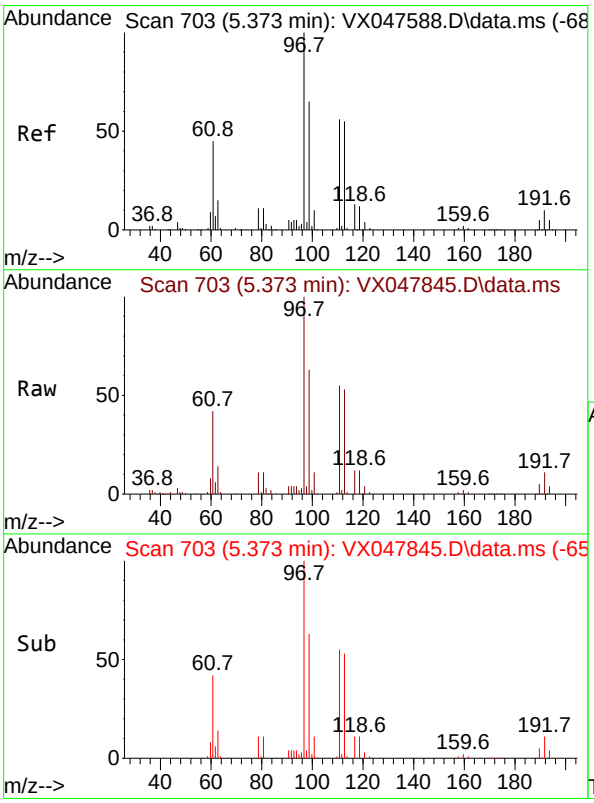
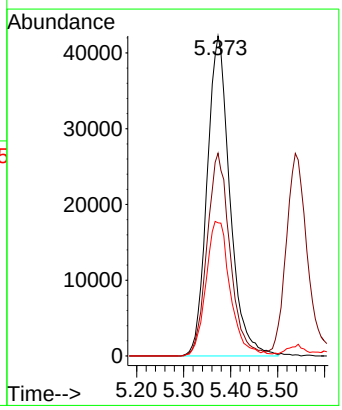
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

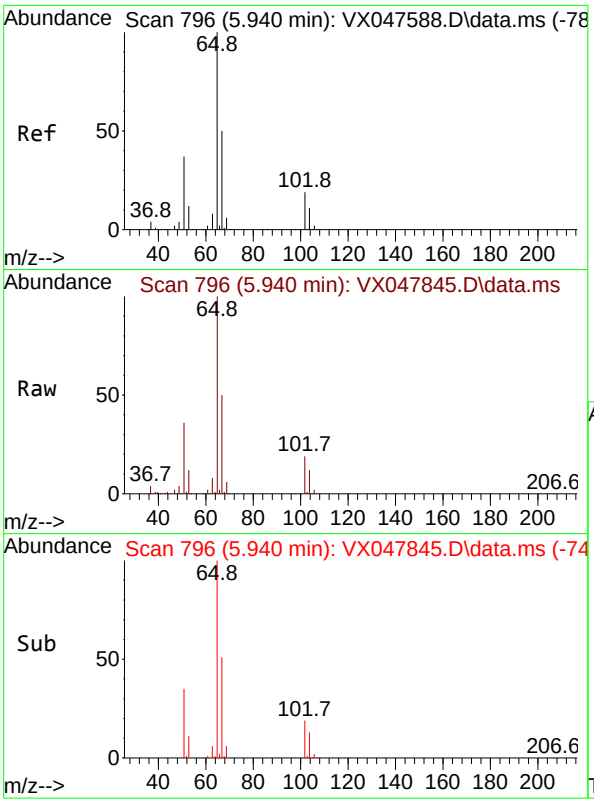


#32
1,1,1-Trichloroethane
Concen: 50.387 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 97 Resp: 142040

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.6	76.0
61	45.0	35.8	53.8





#33
1,2-Dichloroethane-d4
Concen: 49.141 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 65 Resp: 10186

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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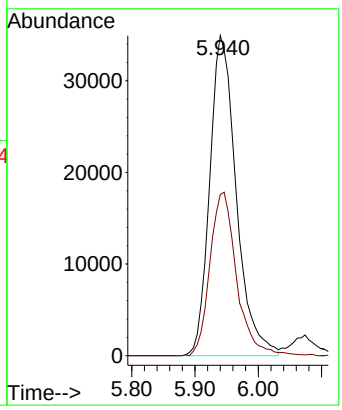
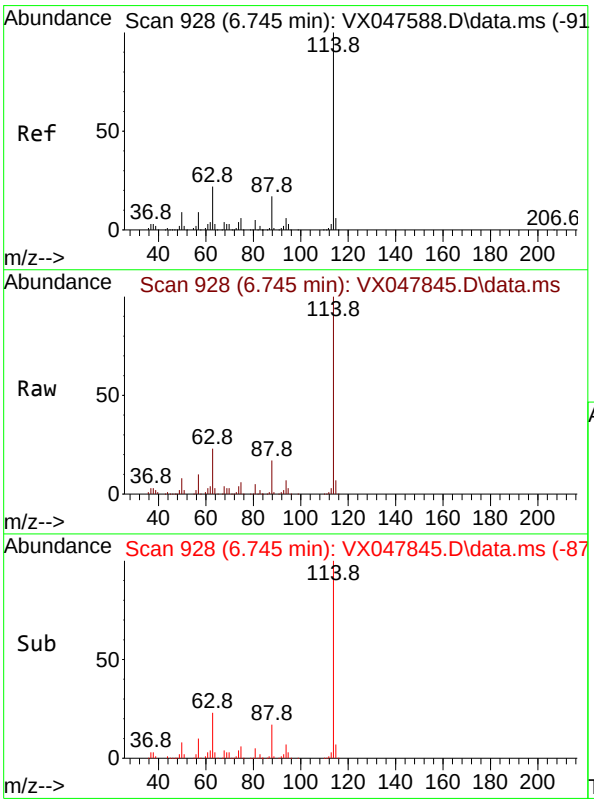
Supervised By :Mahesh Dadoda 09/29/2025

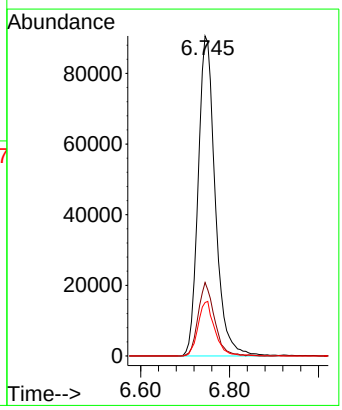


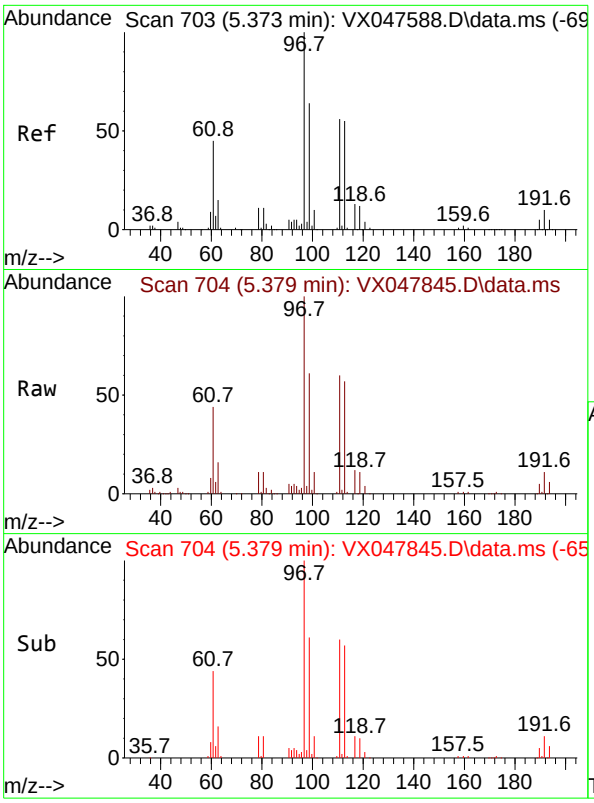


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:114 Resp: 242264

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.0
88	16.7	0.0	34.2

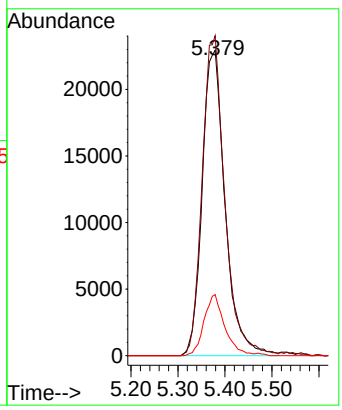




#35
Dibromofluoromethane
Concen: 47.890 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:113 Resp: 7780

Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.9	121.3
192	18.1	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
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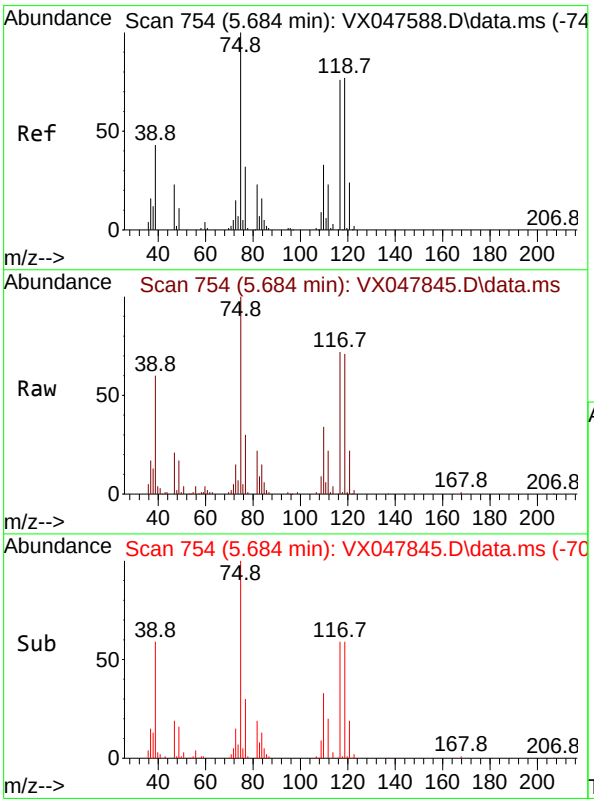
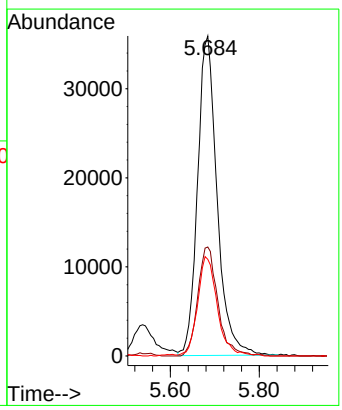
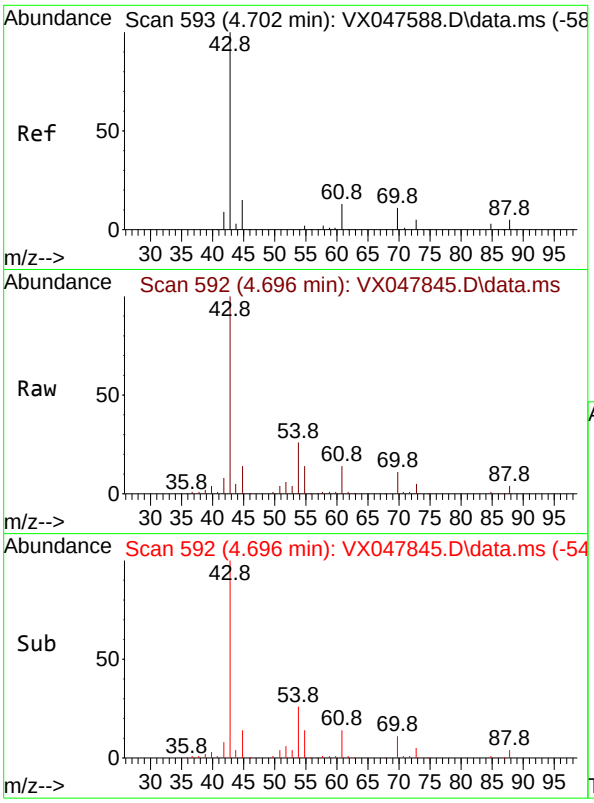


#36
1,1-Dichloropropene
Concen: 46.270 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 75 Resp: 109852

Ion	Ratio	Lower	Upper
75	100		
110	35.1	16.7	50.1
77	30.5	24.3	36.5





#37
Ethyl Acetate
Concen: 41.517 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 43 Resp: 10553

Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.8	14.8
70	10.3	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
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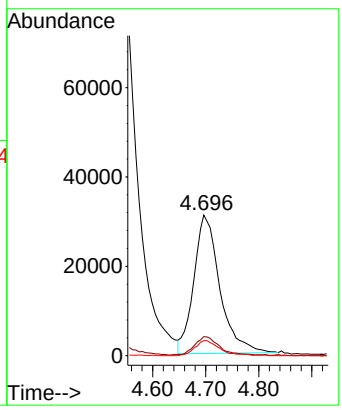
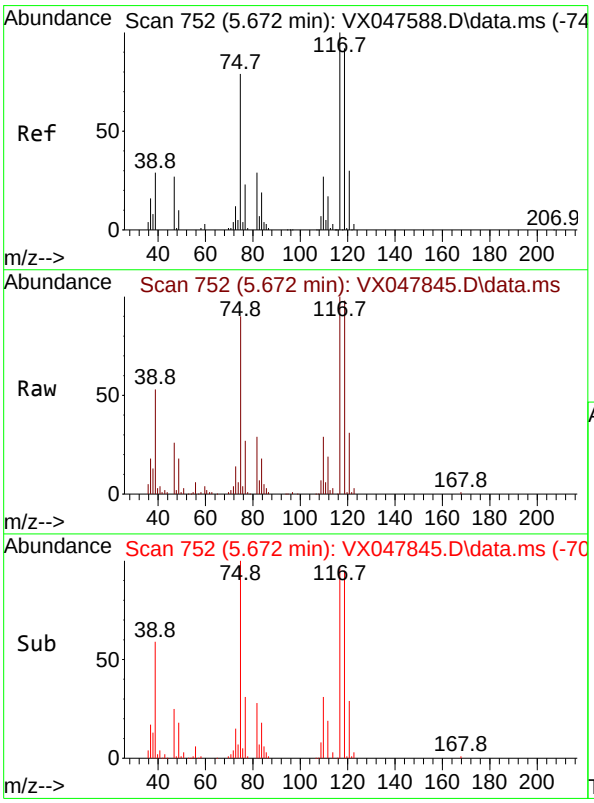
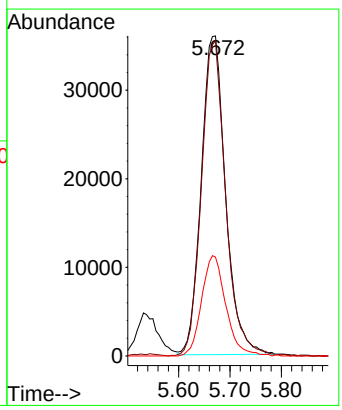


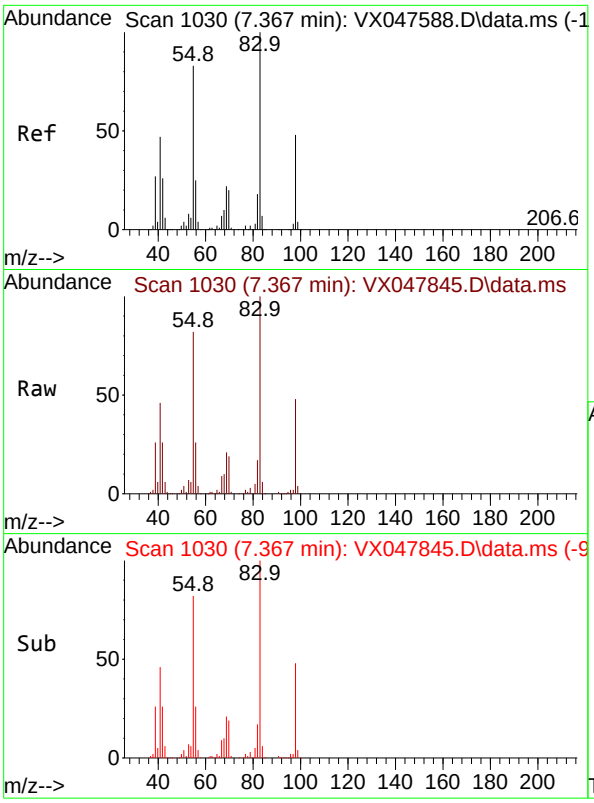


#38
Carbon Tetrachloride
Concen: 45.946 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:117 Resp: 118519

Ion	Ratio	Lower	Upper
117	100		
119	98.5	73.4	110.2
121	31.1	23.8	35.6





#39
Methylcyclohexane
Concen: 41.981 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 83 Resp: 11313

Ion	Ratio	Lower	Upper
83	100		
55	82.4	66.4	99.6
98	48.4	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
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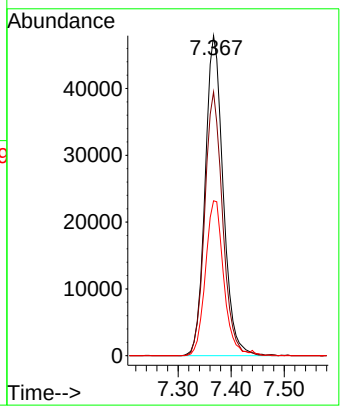
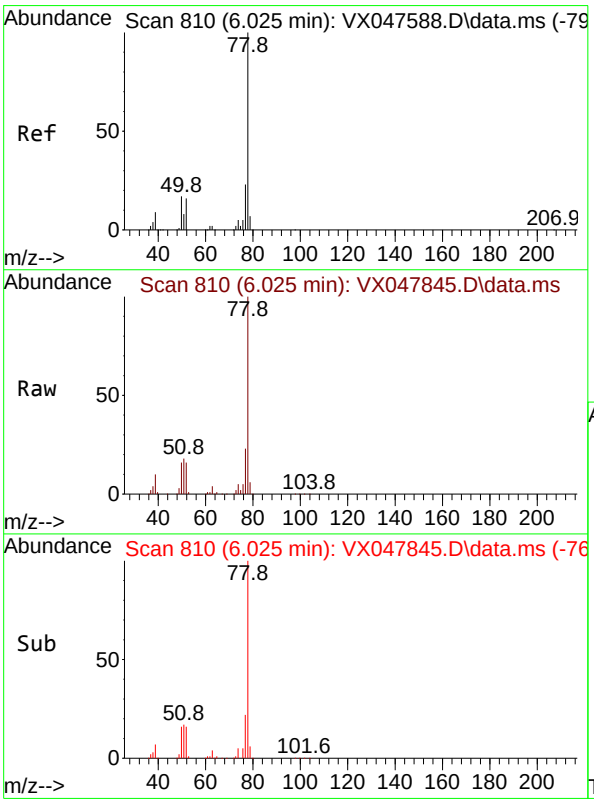
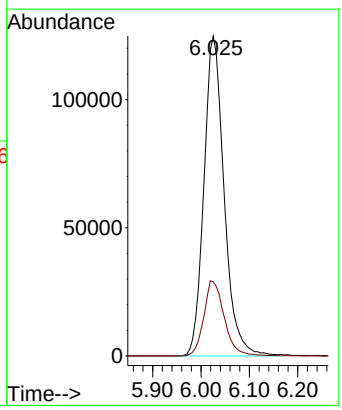


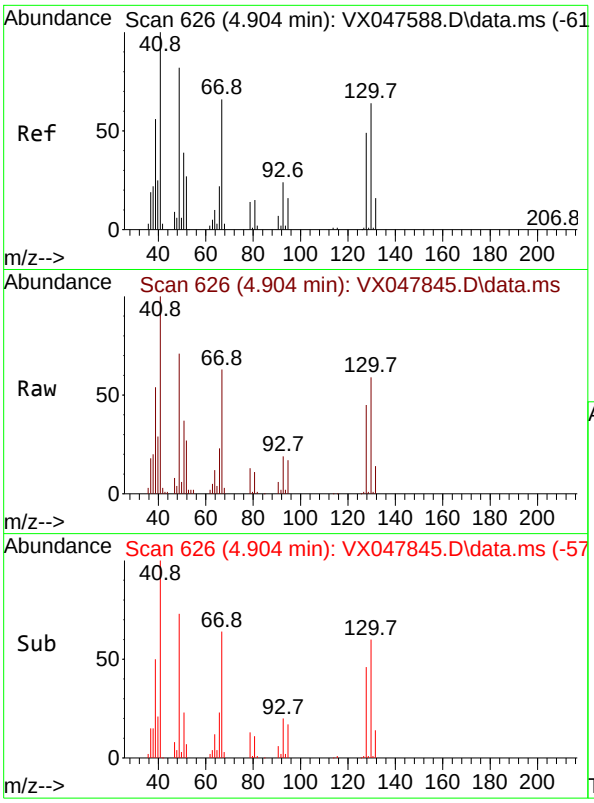


#40
Benzene
Concen: 50.255 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 78 Resp: 362384

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2

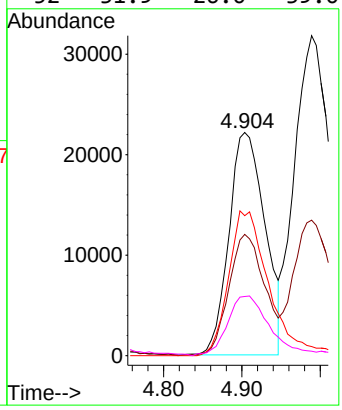




#41
Methacrylonitrile
Concen: 54.101 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 41 Resp: 7099

Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.3	64.9
67	73.4	58.6	87.8
52	31.9	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
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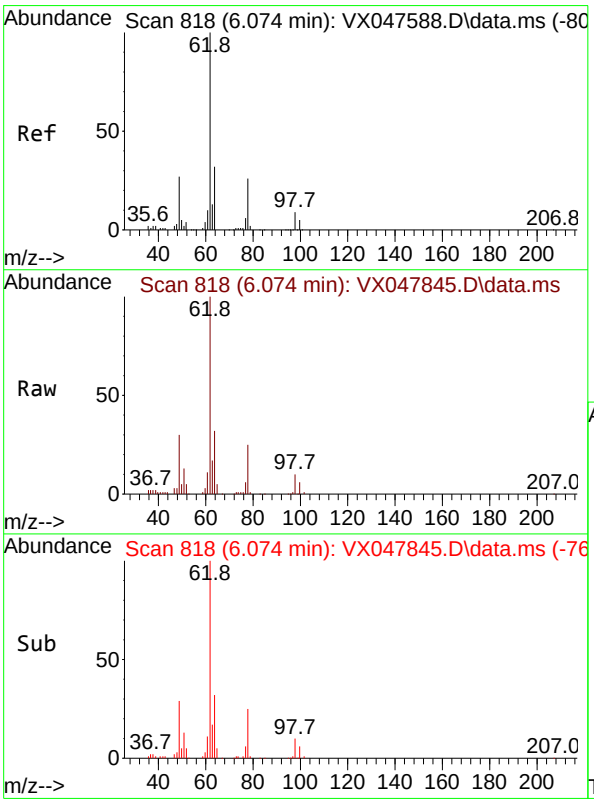
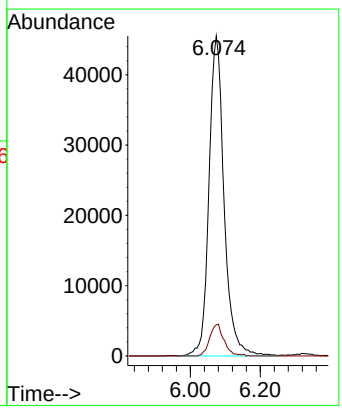
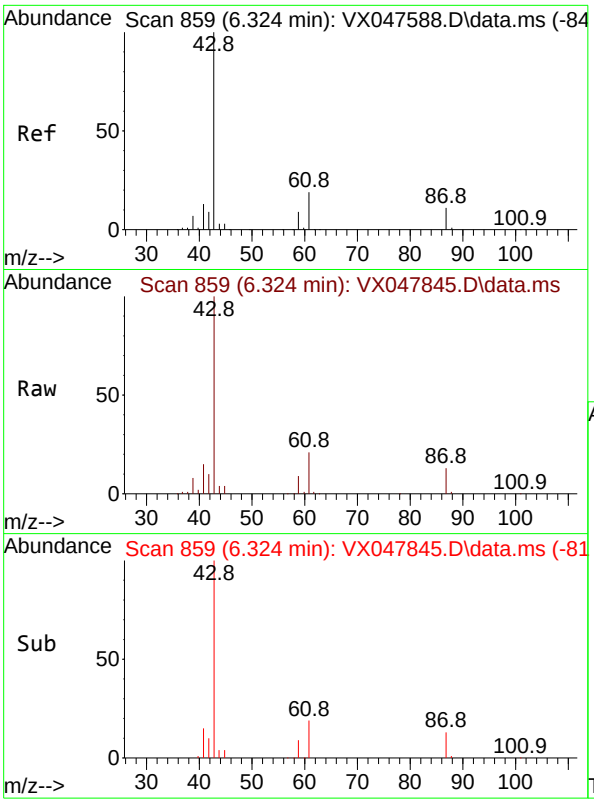


#42
1,2-Dichloroethane
Concen: 49.737 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 62 Resp: 136462

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.0

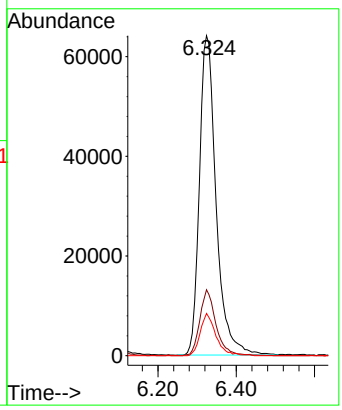




#43
Isopropyl Acetate
Concen: 45.601 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 43 Resp: 19011

Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.2	22.8
87	12.4	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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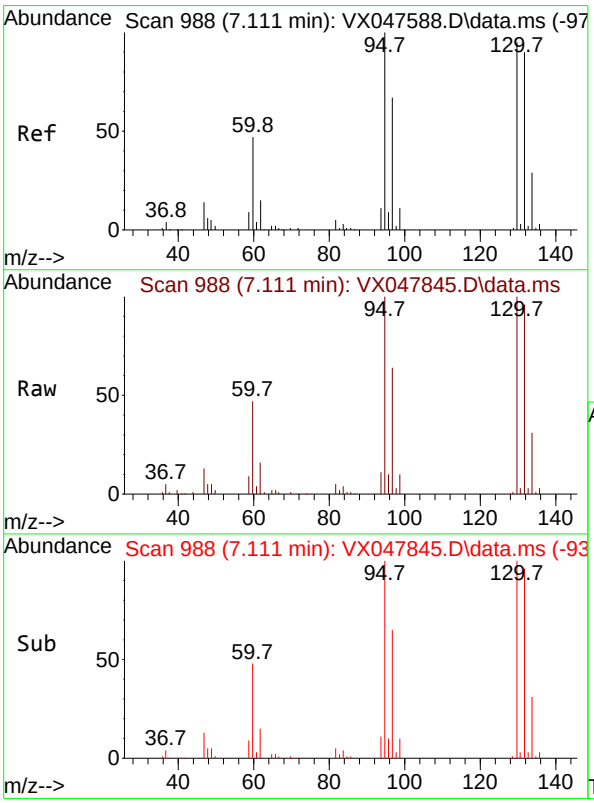
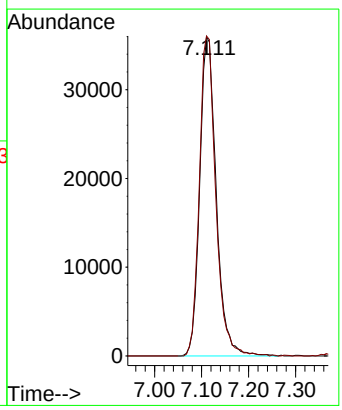
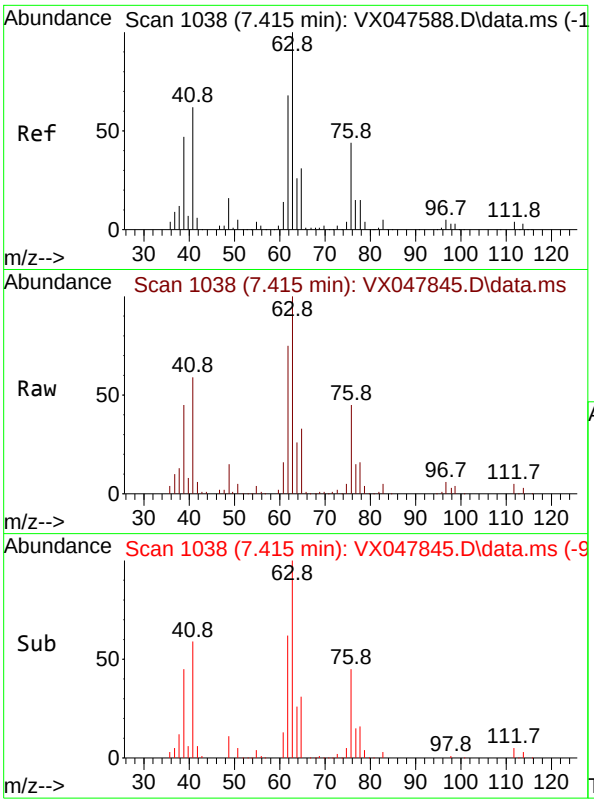


#44
Trichloroethene
Concen: 50.436 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:130 Resp: 87926

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	210.8





#45
1,2-Dichloropropane
Concen: 51.294 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 63 Resp: 9471

Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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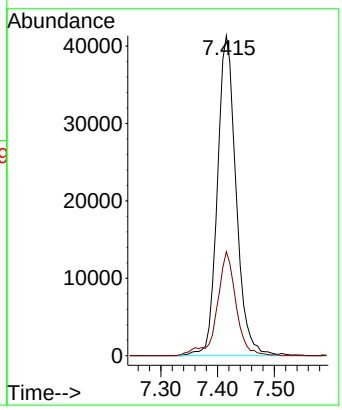
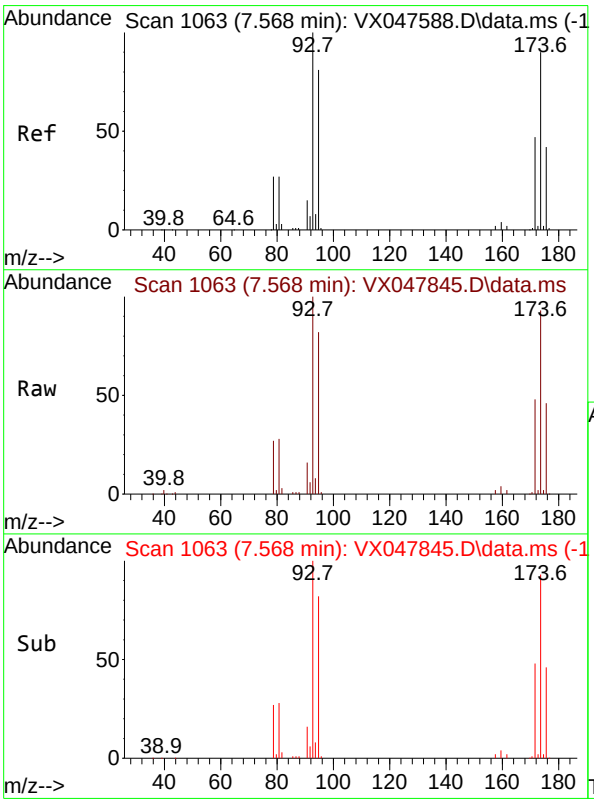
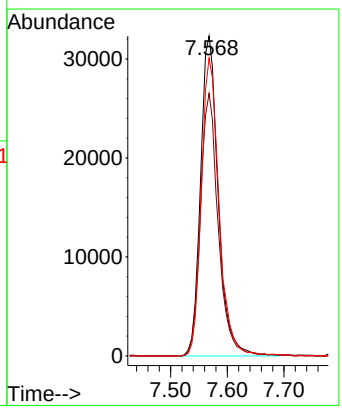


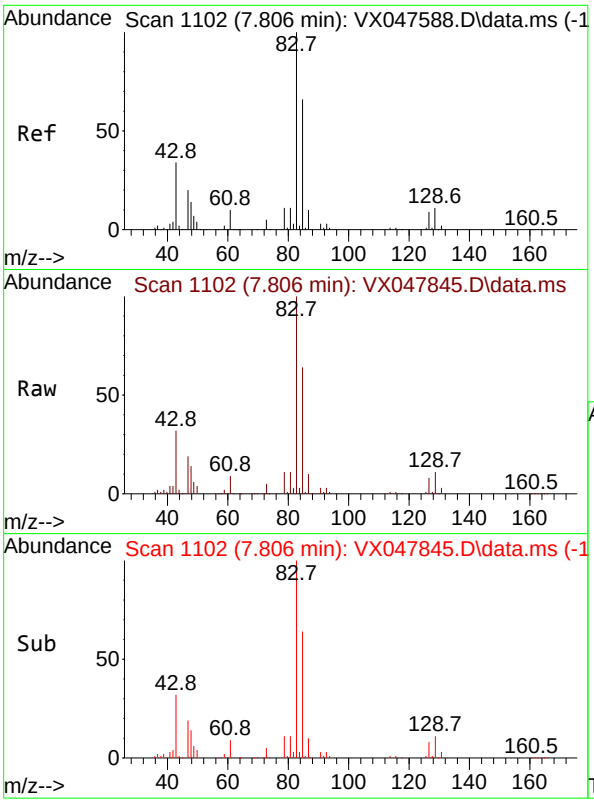


#46
Dibromomethane
Concen: 52.077 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 93 Resp: 69973

Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.0	97.6
174	93.4	71.6	107.4

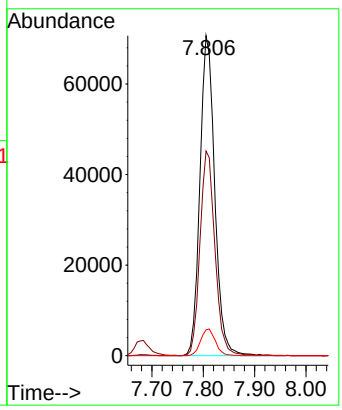




#47
Bromodichloromethane
Concen: 51.105 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 83 Resp: 14169

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.5	78.7
127	8.0	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
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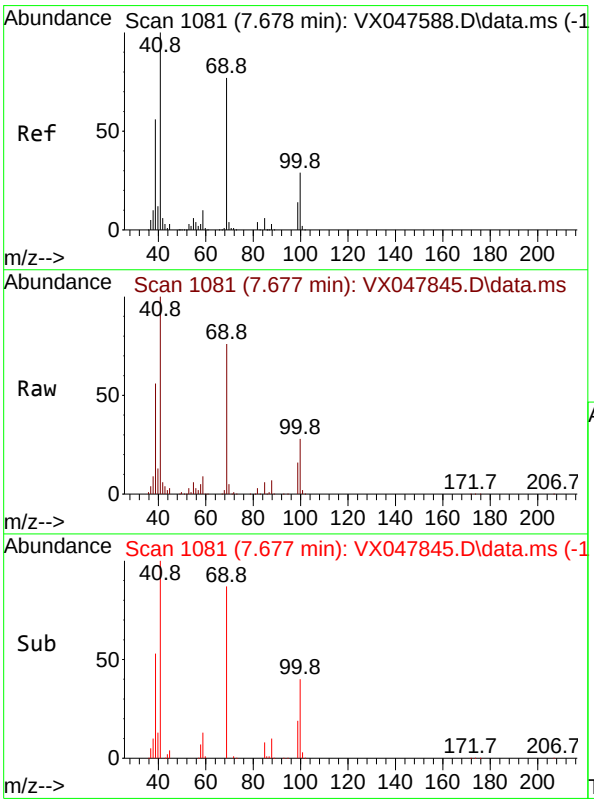
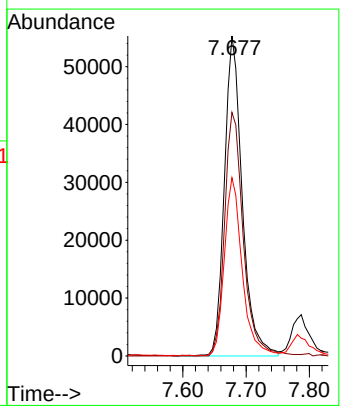
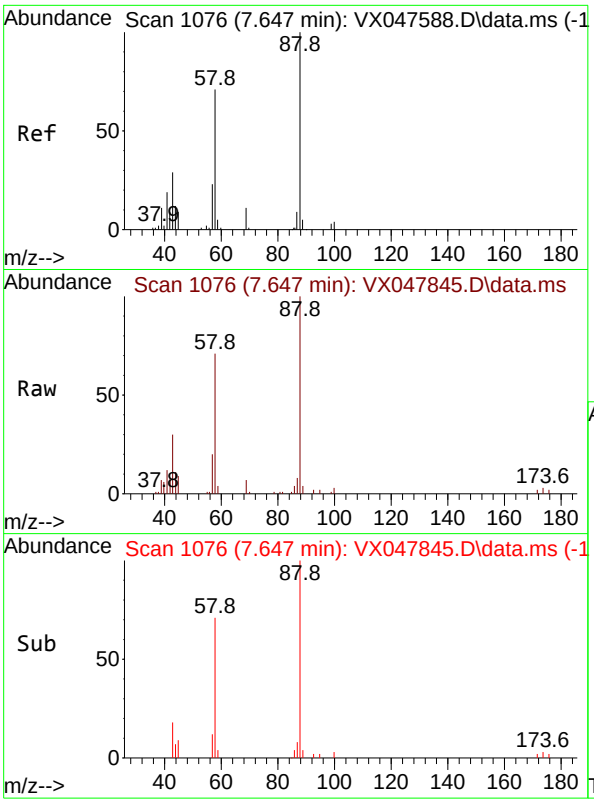


#48
Methyl methacrylate
Concen: 52.265 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 41 Resp: 108538

Ion	Ratio	Lower	Upper
41	100		
69	79.5	61.4	92.2
39	55.8	45.8	68.6





#49
1,4-Dioxane
Concen: 1333.443 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 88 Resp: 2798

Ion	Ratio	Lower	Upper
88	100		
43	39.3	30.2	45.2
58	75.4	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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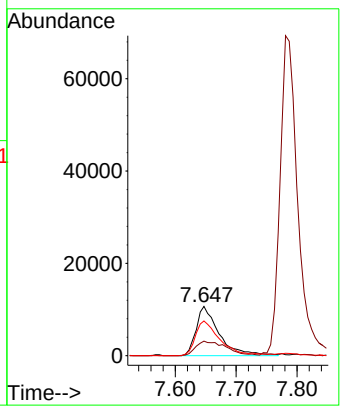
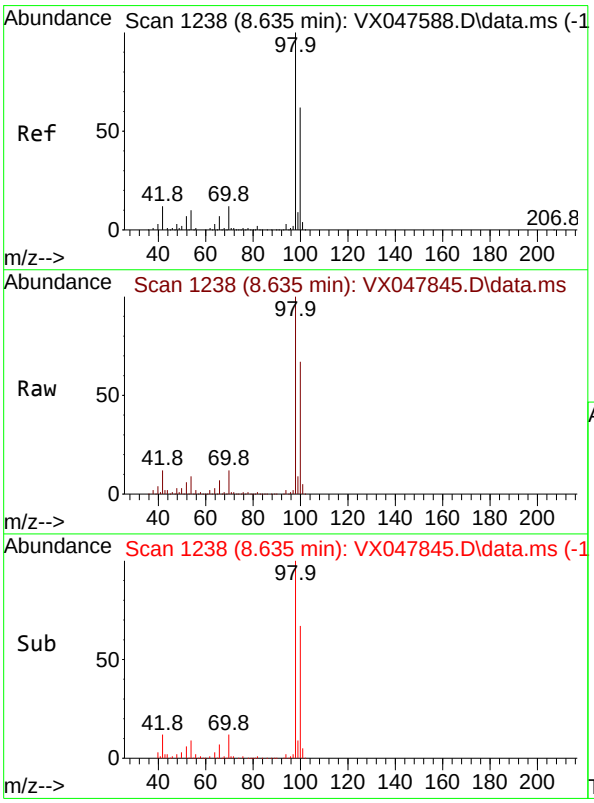
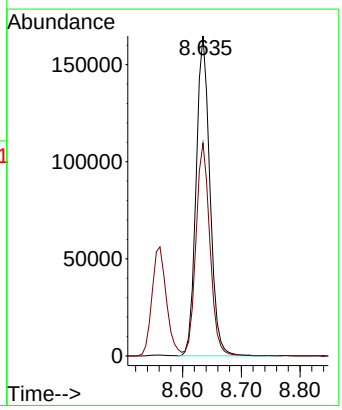


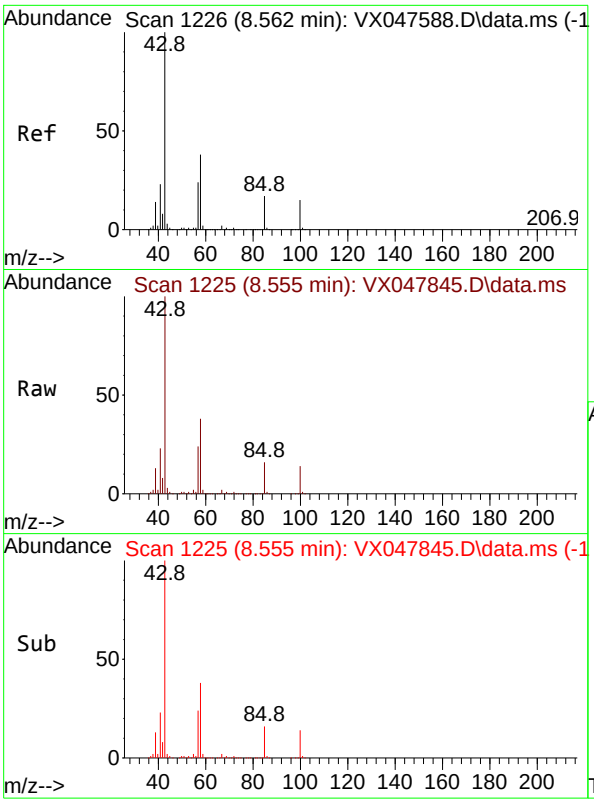


#50
Toluene-d8
Concen: 47.559 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 98 Resp: 267377

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 283.300 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 43 Resp: 65485

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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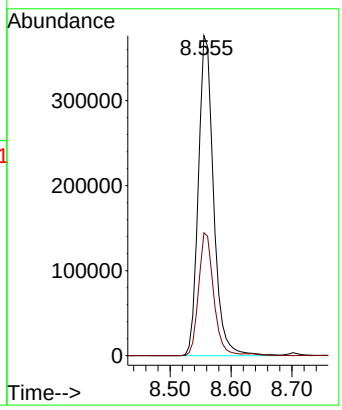
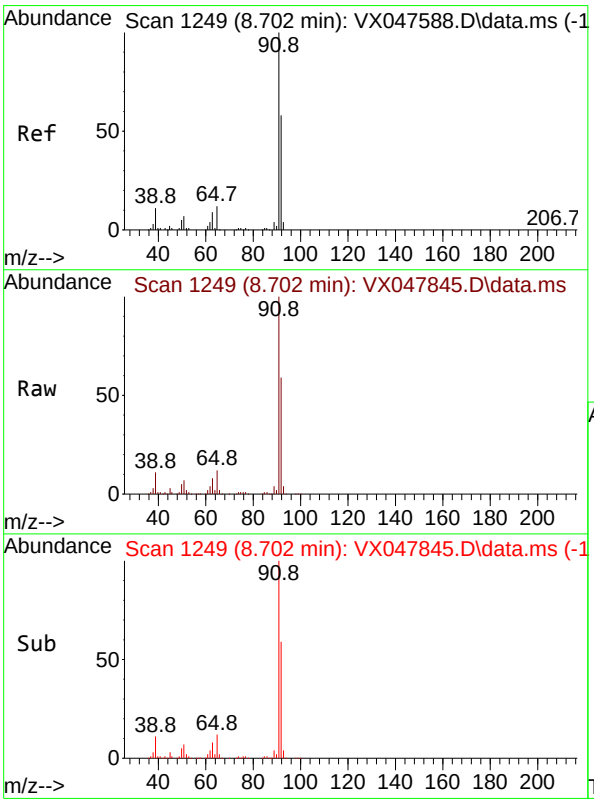
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

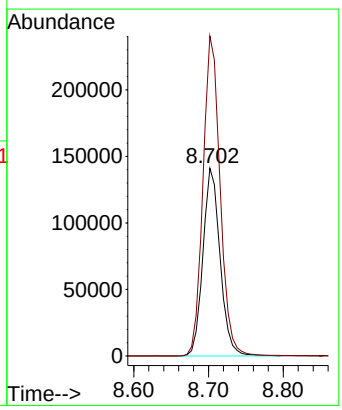


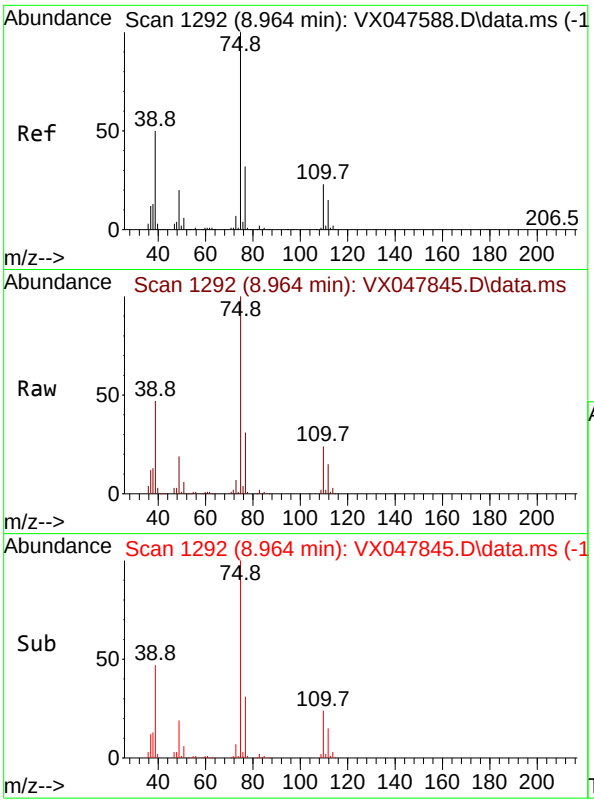


#52
Toluene
Concen: 50.540 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 92 Resp: 224531

Ion	Ratio	Lower	Upper
92	100		
91	171.0	137.1	205.7





#53
t-1,3-Dichloropropene
Concen: 46.019 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 75 Resp: 13015

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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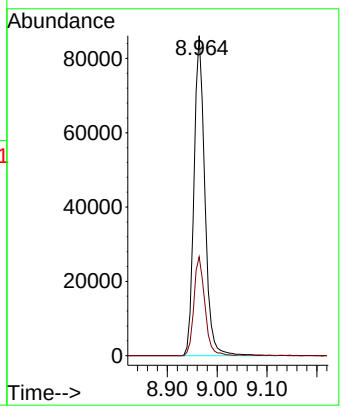
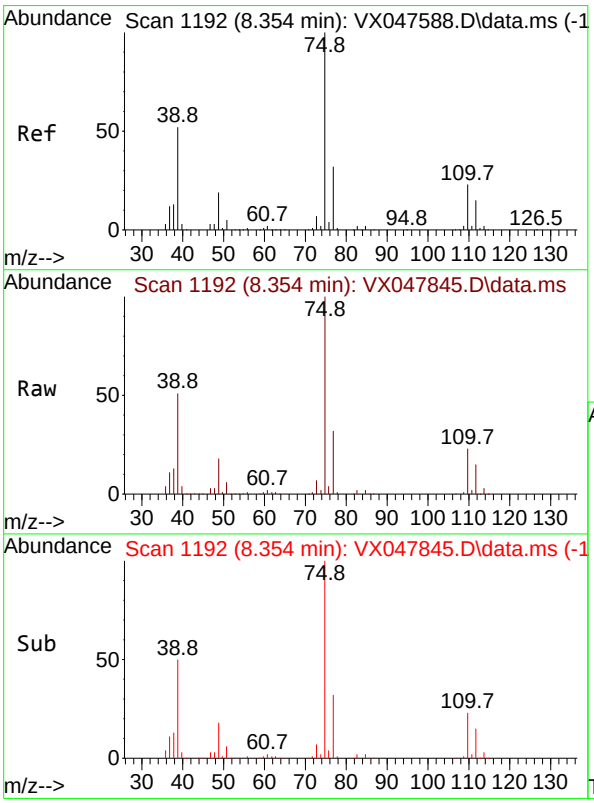
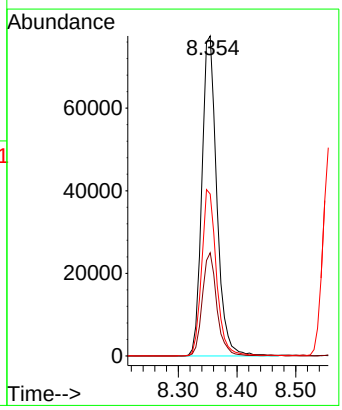


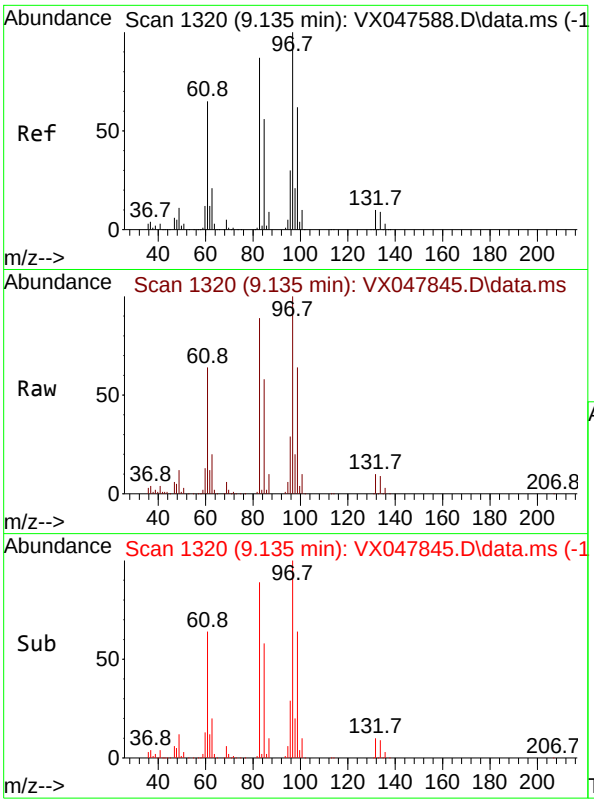


#54
cis-1,3-Dichloropropene
Concen: 45.240 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 75 Resp: 136755

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	50.5	41.4	62.2

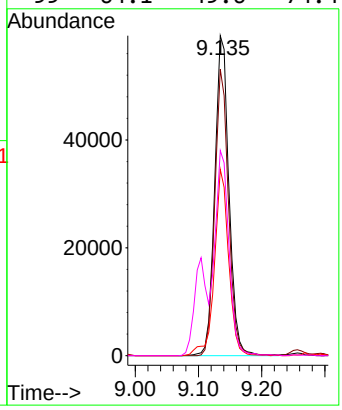




#55
1,1,2-Trichloroethane
Concen: 54.125 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 97 Resp: 9271

Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.6	104.4
85	58.2	45.0	67.6
99	64.1	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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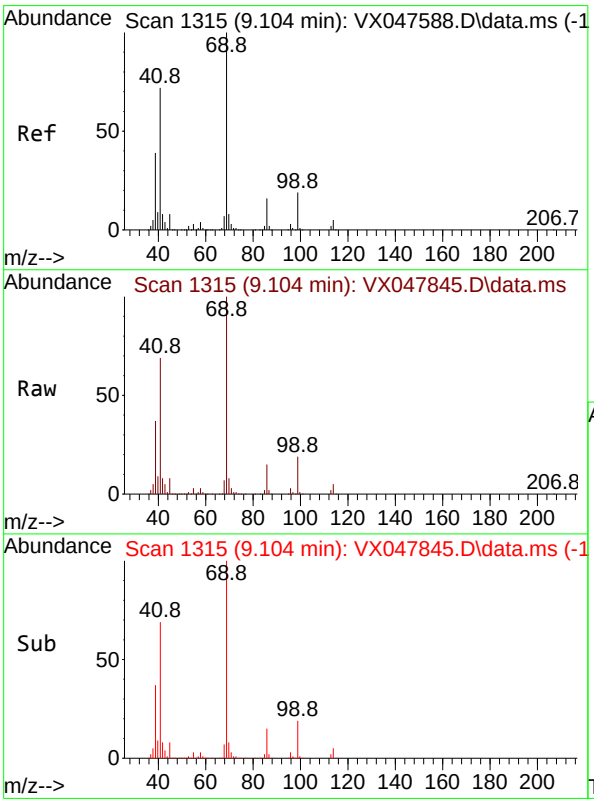
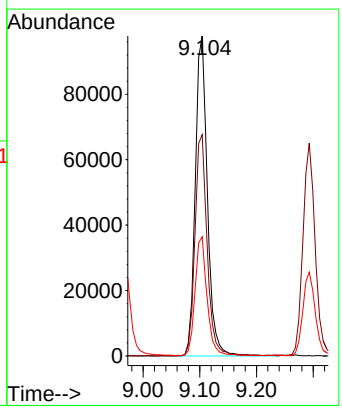
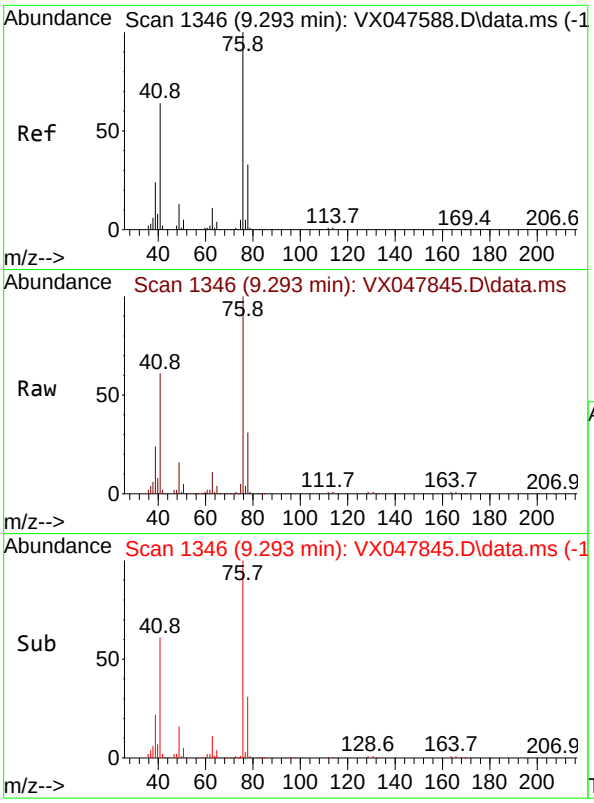


#56
Ethyl methacrylate
Concen: 53.821 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 69 Resp: 144795

Ion	Ratio	Lower	Upper
69	100		
41	69.6	58.6	87.8
39	36.8	31.5	47.3

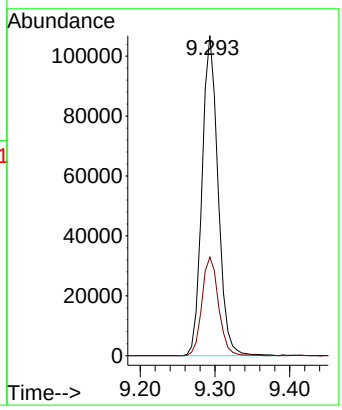




#57
1,3-Dichloropropane
Concen: 53.937 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 76 Resp: 15872

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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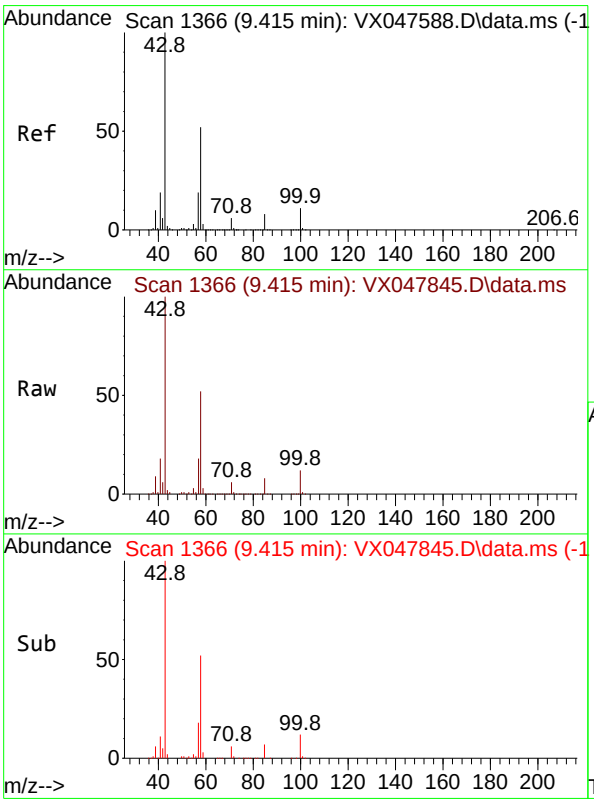
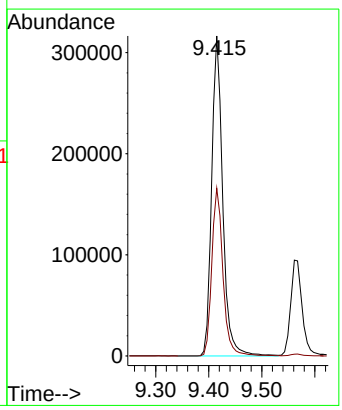
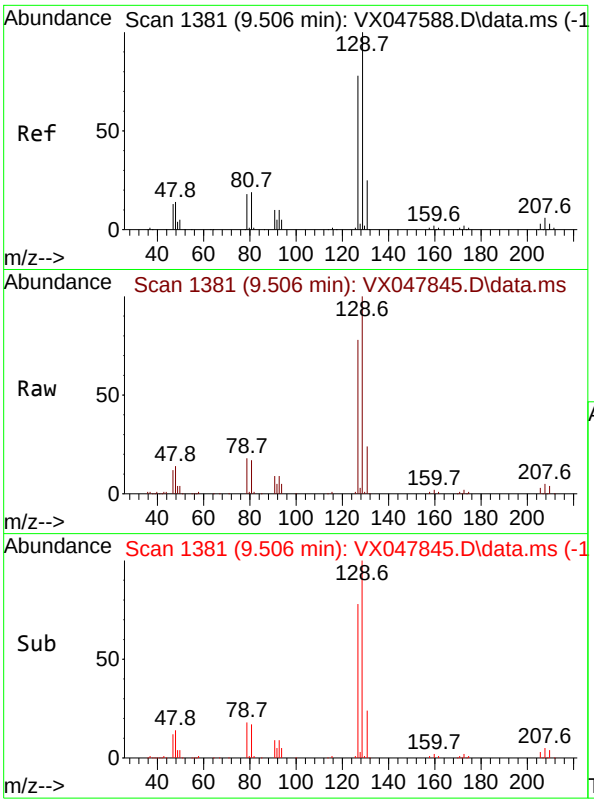


#59
2-Hexanone
Concen: 275.847 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 43 Resp: 457947

Ion	Ratio	Lower	Upper
43	100		
58	53.1	26.1	78.2





#60
Dibromochloromethane
Concen: 53.675 ug/l
RT: 9.506 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:129 Resp: 10594

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.4	115.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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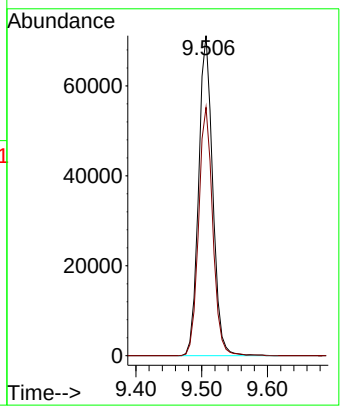
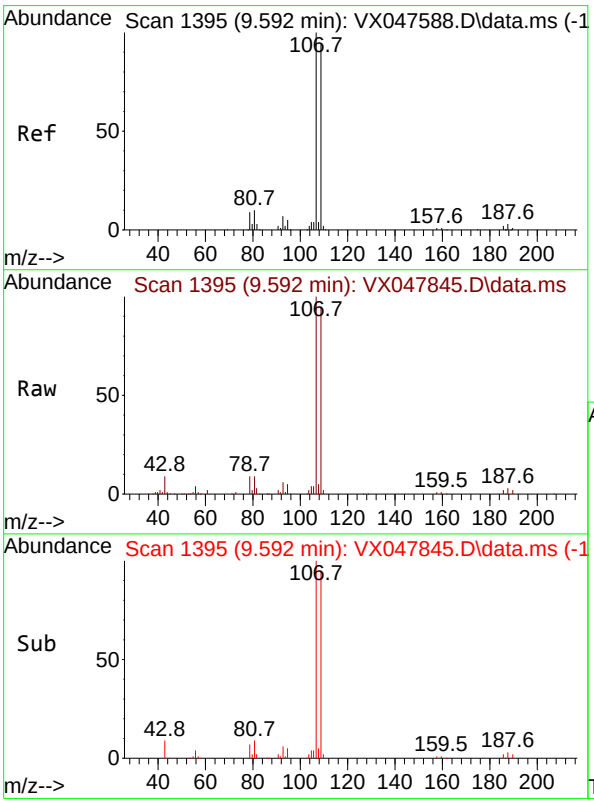
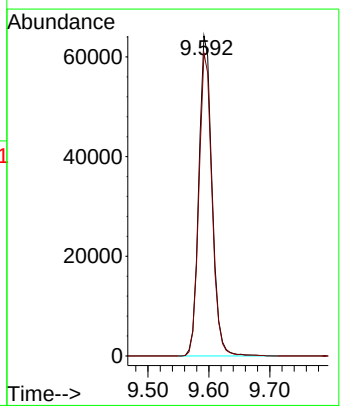


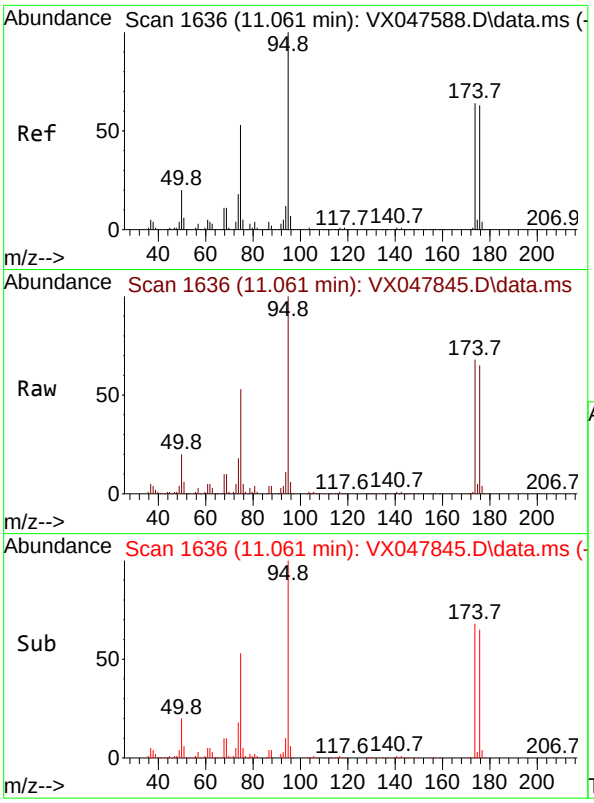


#61
1,2-Dibromoethane
Concen: 55.407 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:107 Resp: 96675

Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.3	112.9





#62
4-Bromofluorobenzene
Concen: 47.914 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 95 Resp: 10223

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	141.6
176	70.1	0.0	138.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
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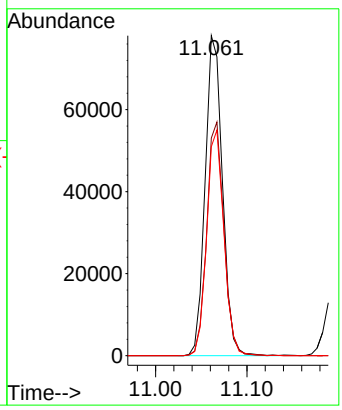
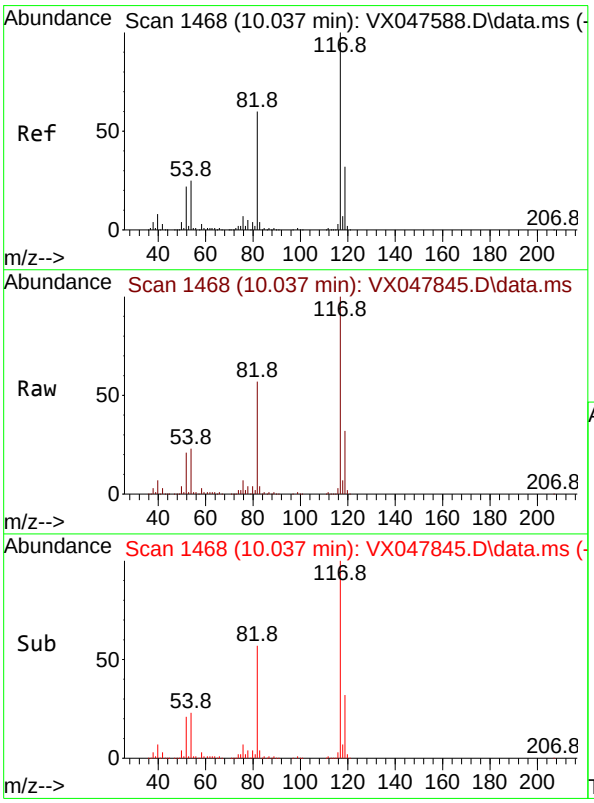
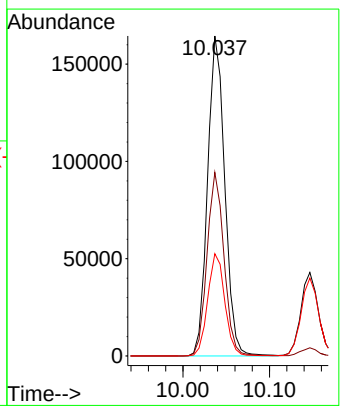


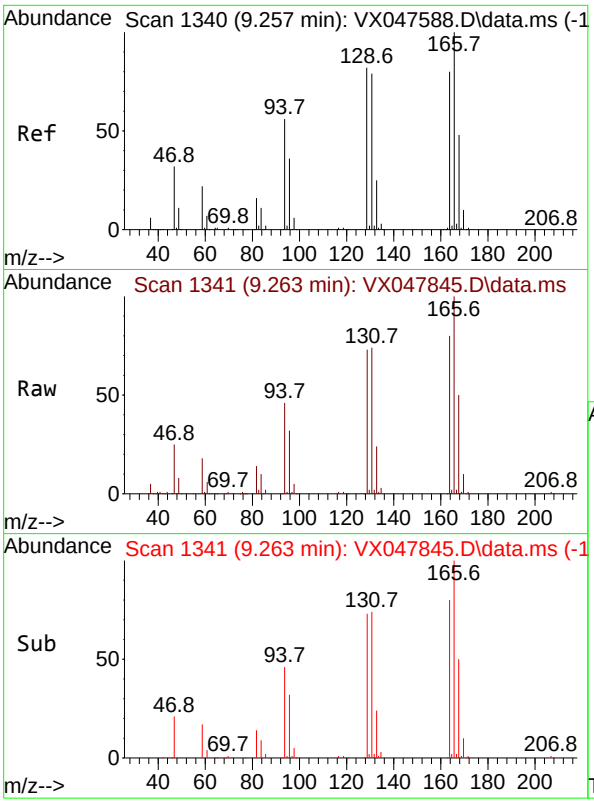


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:117 Resp: 226841

Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.8	71.6
119	31.9	25.2	37.8

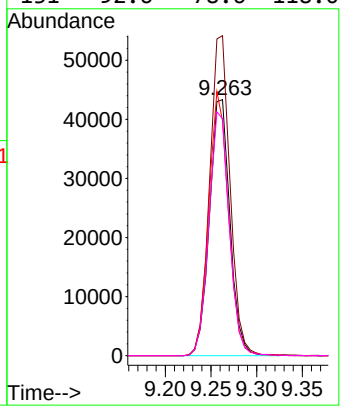




#64
Tetrachloroethene
Concen: 45.519 ug/l
RT: 9.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:164 Resp: 6731

Ion	Ratio	Lower	Upper
164	100		
166	125.0	100.2	150.2
129	91.6	81.8	122.6
131	92.6	78.6	118.0



Instrument :
MSVOA_X
ClientSampleId :
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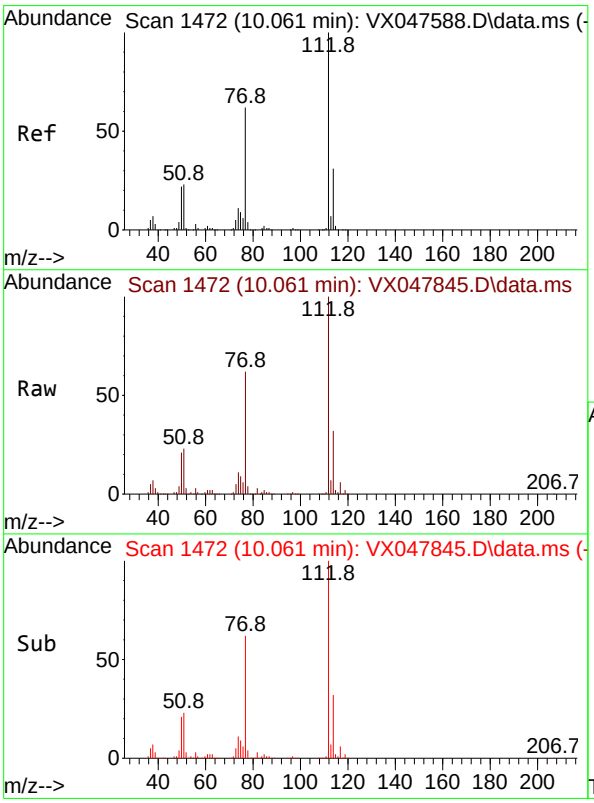
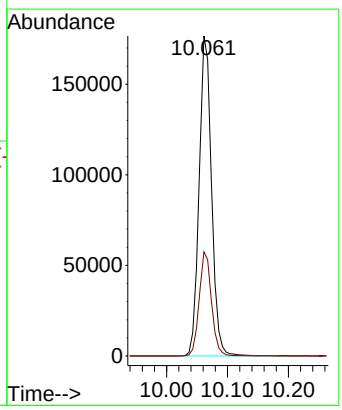
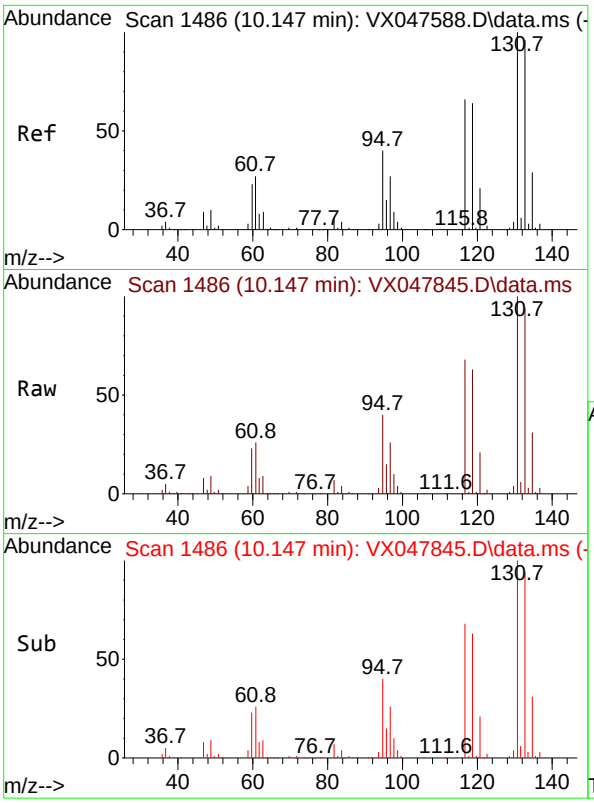


#65
Chlorobenzene
Concen: 48.536 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:112 Resp: 250125

Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.1	37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 49.761 ug/l
RT: 10.147 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:131 Resp: 8848

Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.3	142.0
119	64.4	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
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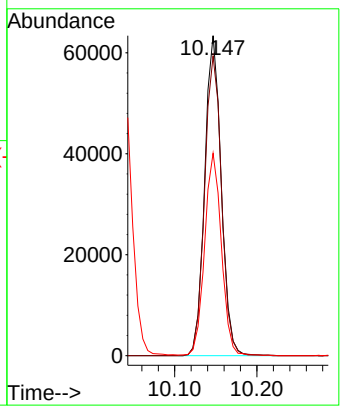
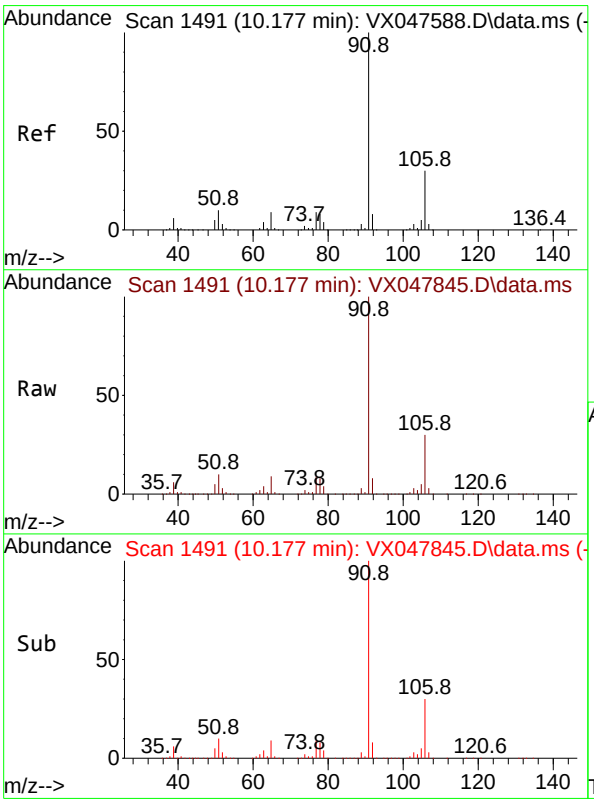
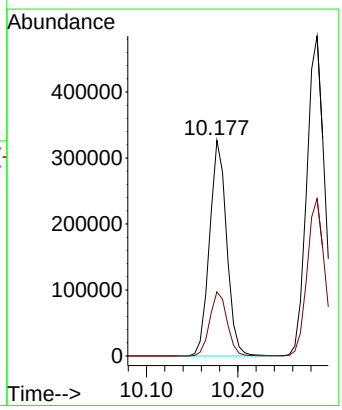


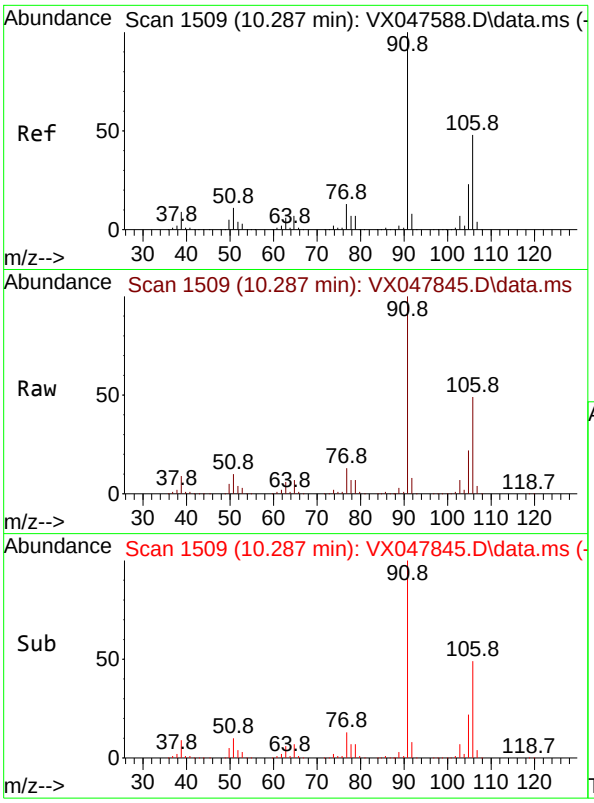


#67
Ethyl Benzene
Concen: 47.662 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 91 Resp: 423798

Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.3	36.5

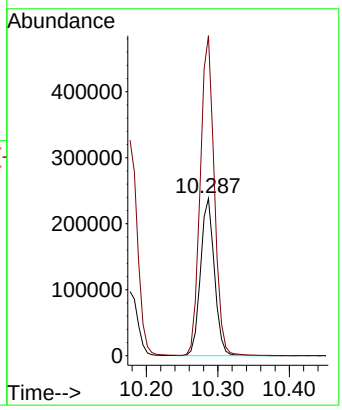




#68
m/p-Xylenes
Concen: 97.244 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:106 Resp: 32183

Ion	Ratio	Lower	Upper
106	100		
91	205.9	167.8	251.8



Instrument :
MSVOA_X
ClientSampleId :
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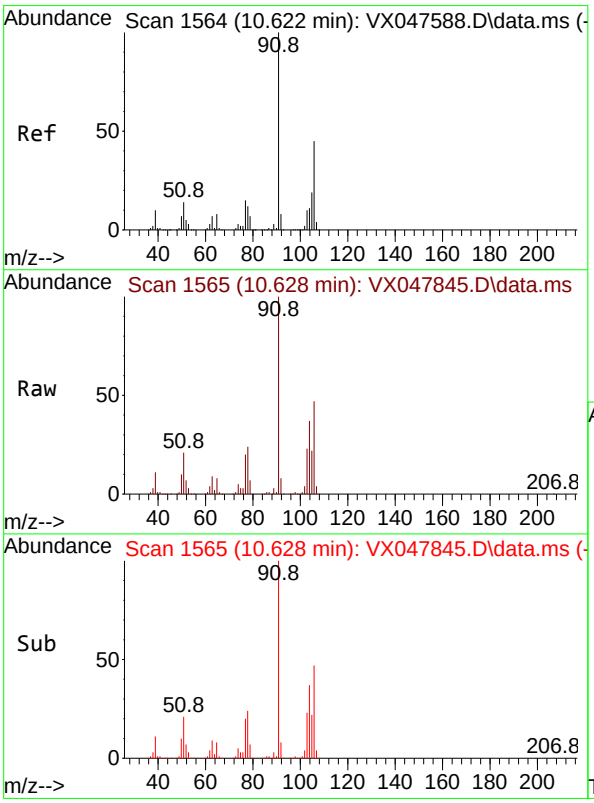
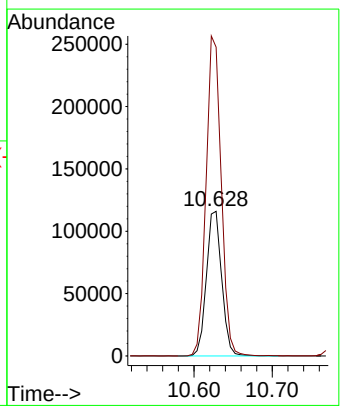
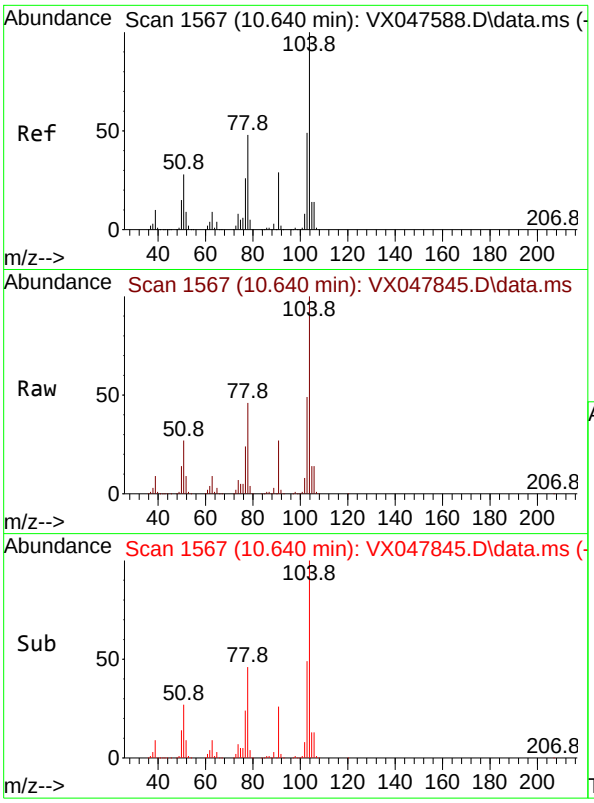


#69
o-Xylene
Concen: 48.957 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:106 Resp: 156719

Ion	Ratio	Lower	Upper
106	100		
91	219.2	111.1	333.4





#70
Styrene
Concen: 48.480 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:104 Resp: 27192

Ion	Ratio	Lower	Upper
104	100		
78	52.2	43.1	64.7
103	54.1	43.1	64.7

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
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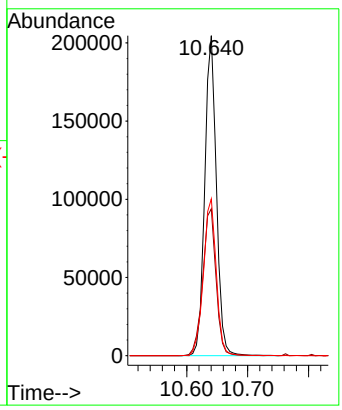
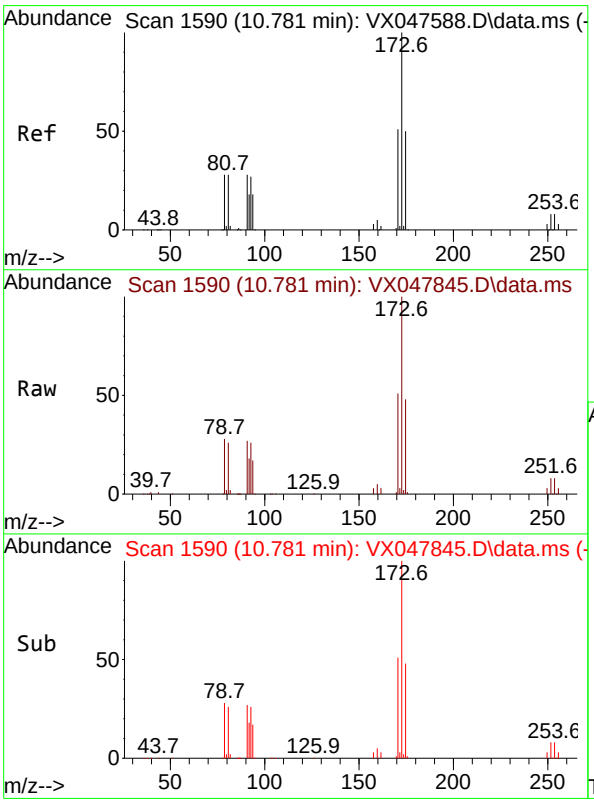
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

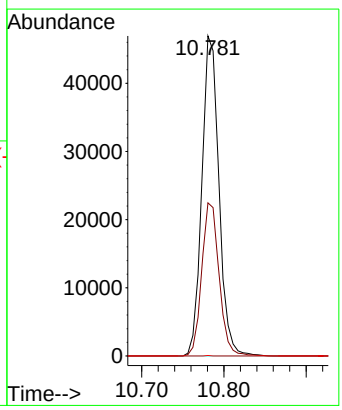


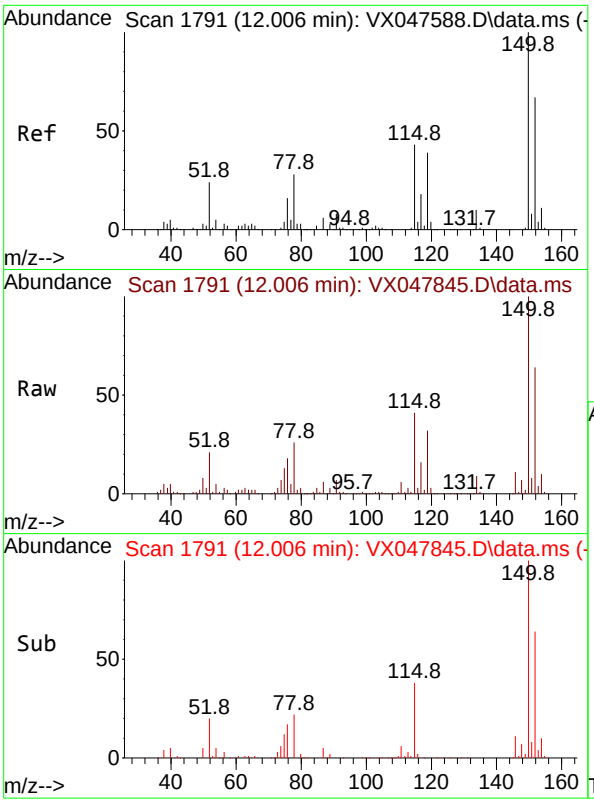


#71
Bromoform
Concen: 50.972 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:173 Resp: 67682

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.0	0.1	0.1#

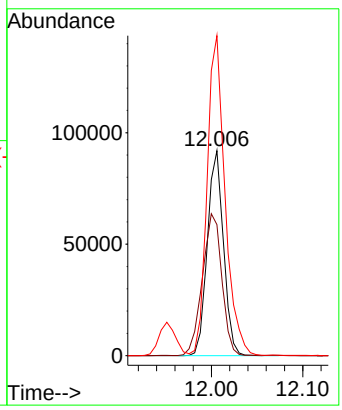




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:152 Resp: 11266

Ion	Ratio	Lower	Upper
152	100		
115	83.8	44.9	134.5
150	172.8	0.0	352.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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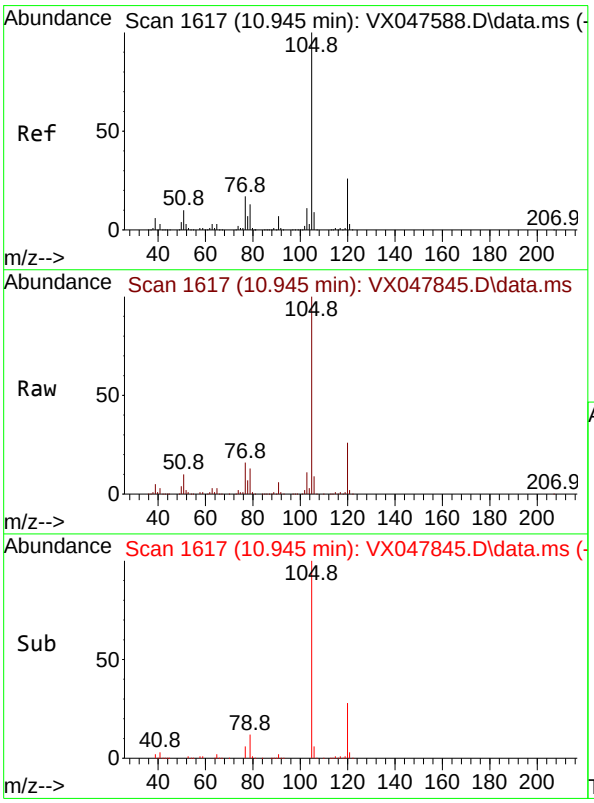
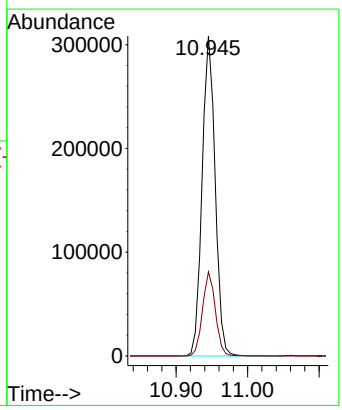
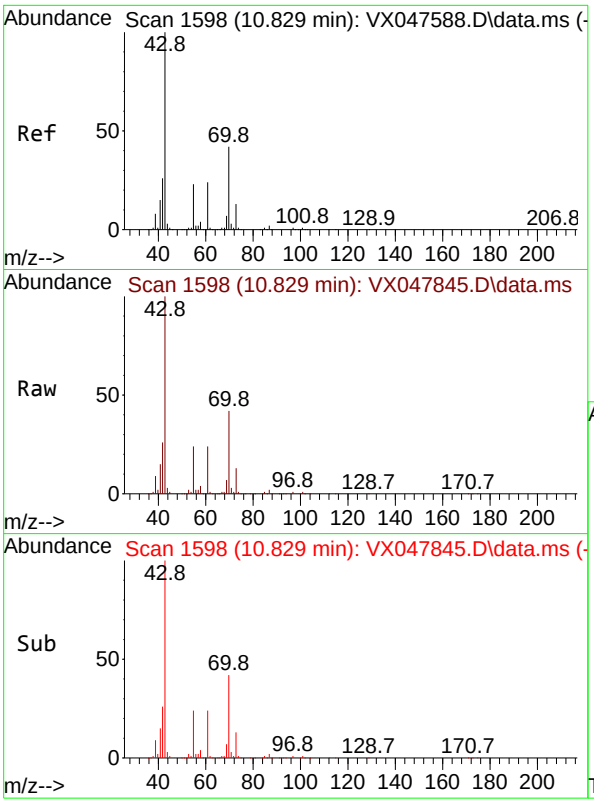


#73
Isopropylbenzene
Concen: 45.559 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:105 Resp: 390233

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.8	38.4

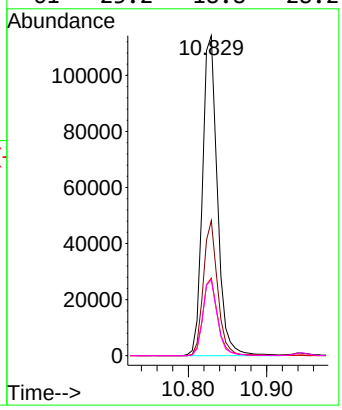




#74
N-amyl acetate
Concen: 38.617 ug/l
RT: 10.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 43 Resp: 15083

Ion	Ratio	Lower	Upper
43	100		
70	40.6	32.0	48.0
55	24.2	18.9	28.3
61	23.2	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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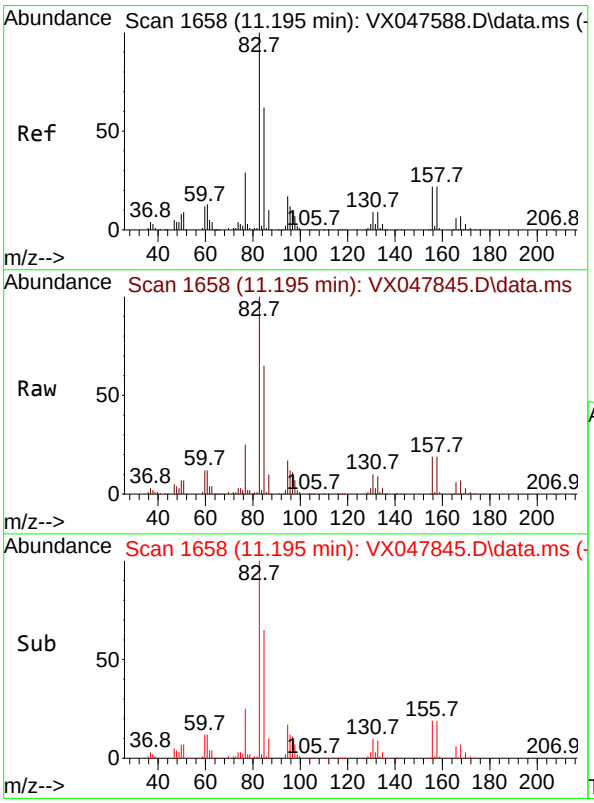
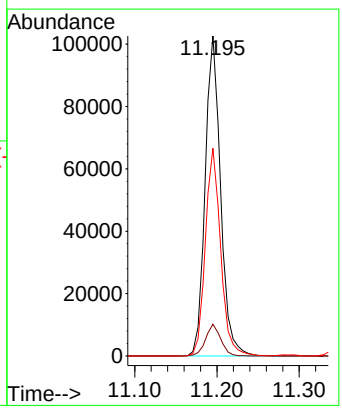
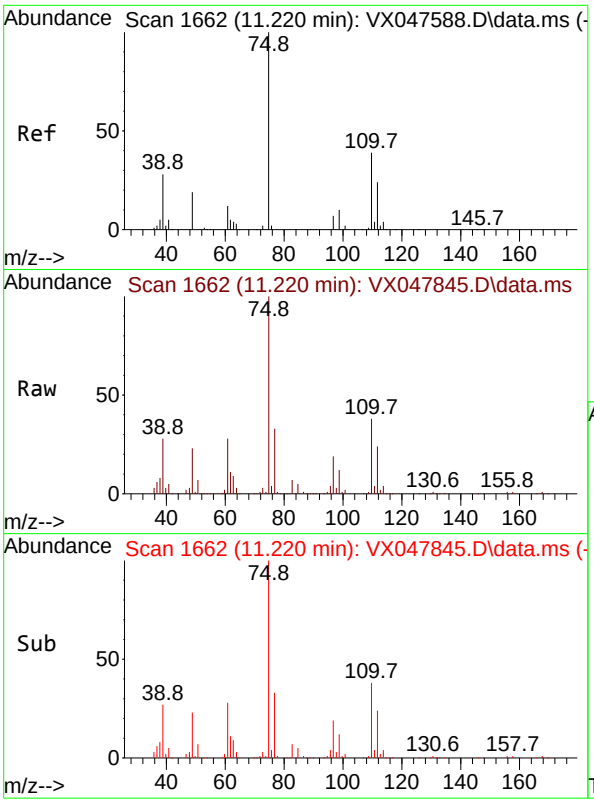


#75
1,1,2,2-Tetrachloroethane
Concen: 51.590 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 83 Resp: 133696

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	64.4	31.6	95.0





#76
1,2,3-Trichloropropane
Concen: 51.075 ug/l m
RT: 11.220 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 75 Resp: 11650

Ion	Ratio	Lower	Upper
75	100		
77	36.8	18.8	56.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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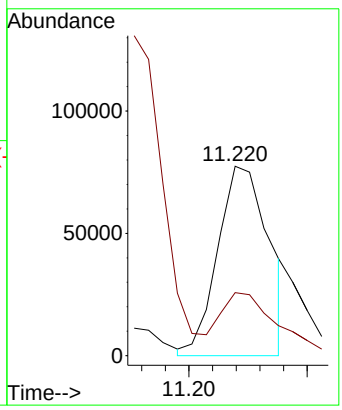
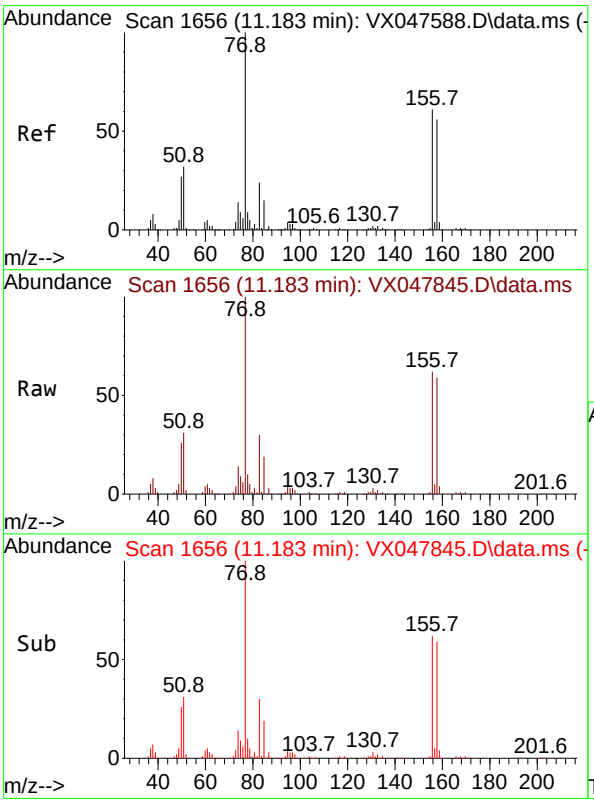
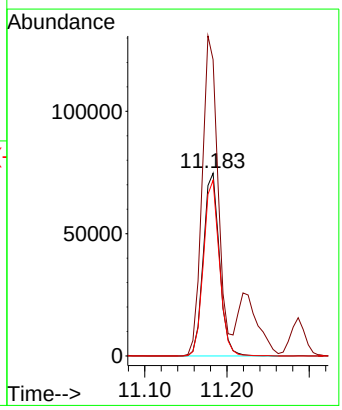


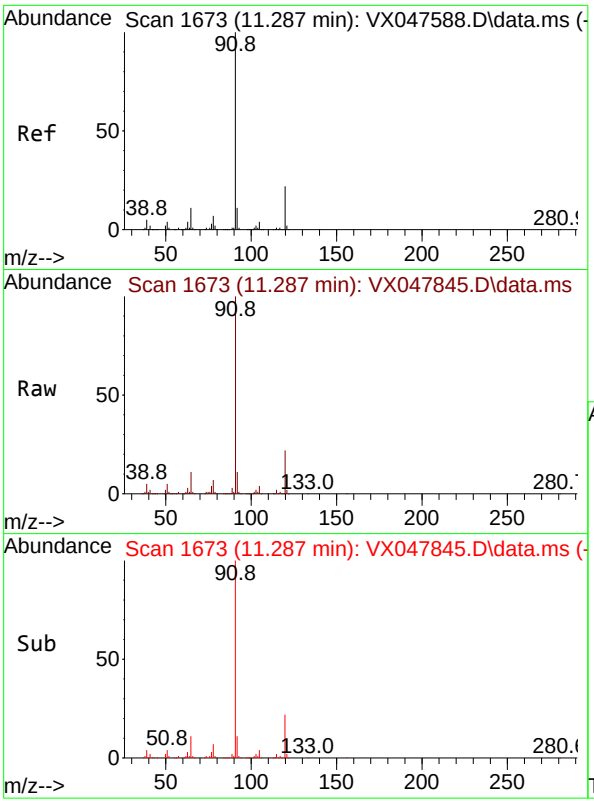


#77
Bromobenzene
Concen: 48.129 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:156 Resp: 101534

Ion	Ratio	Lower	Upper
156	100		
77	174.2	89.7	269.1
158	95.2	47.9	143.6





#78
n-propylbenzene
Concen: 45.624 ug/l
RT: 11.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 91 Resp: 46196

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1

Instrument :
MSVOA_X
ClientSampleId :
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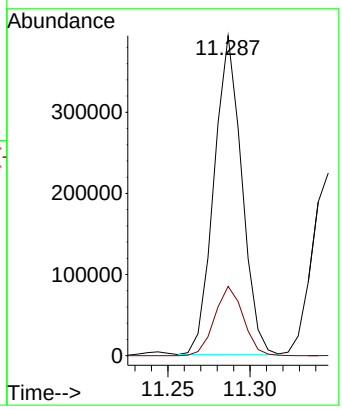
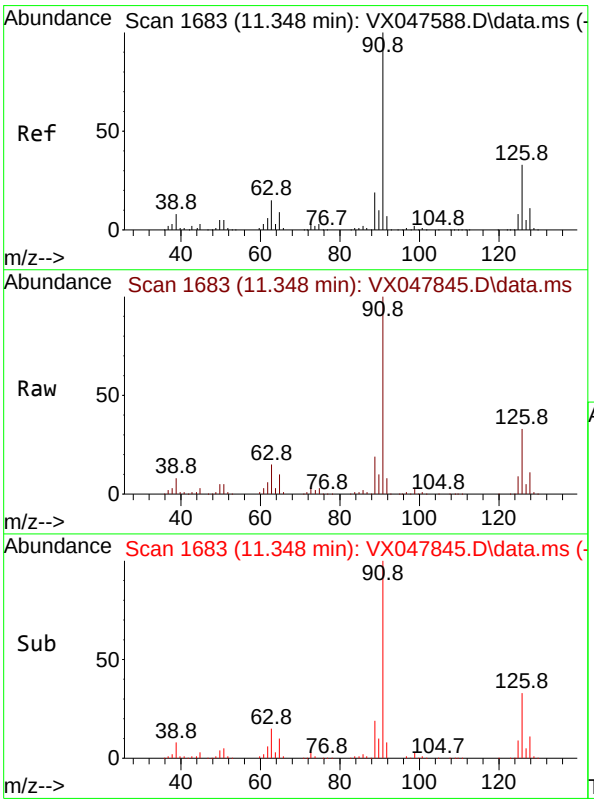
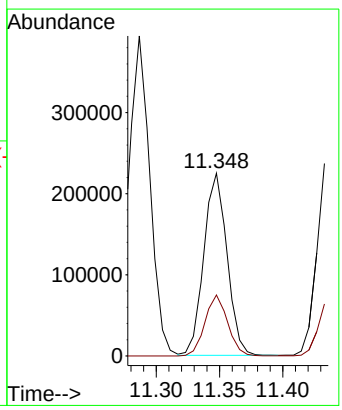


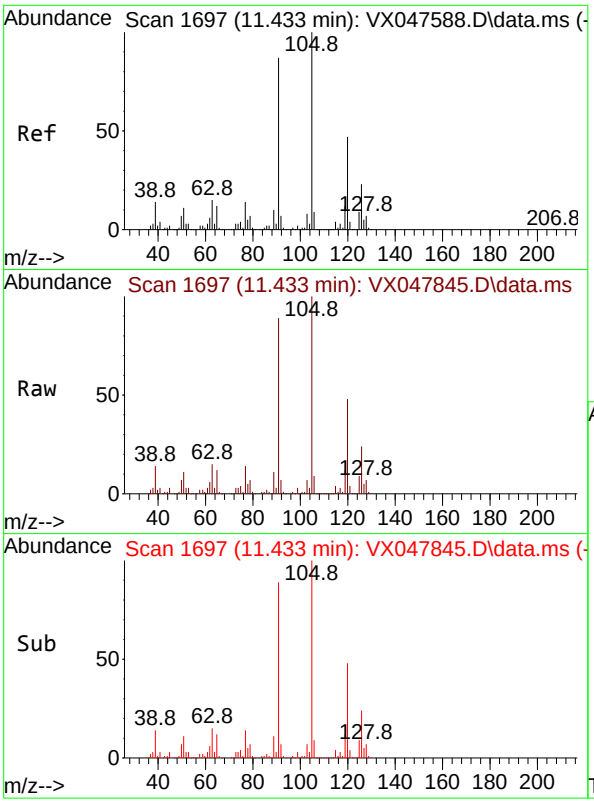


#79
2-Chlorotoluene
Concen: 46.230 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 91 Resp: 286705

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.1	48.3





#80
1,3,5-Trimethylbenzene
Concen: 45.725 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:105 Resp: 32178

Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.6	70.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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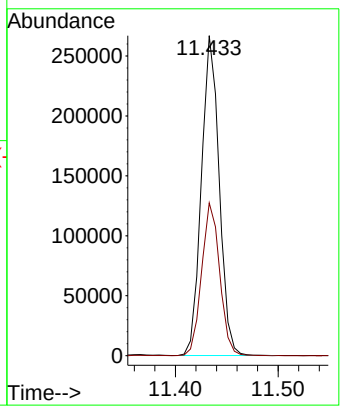
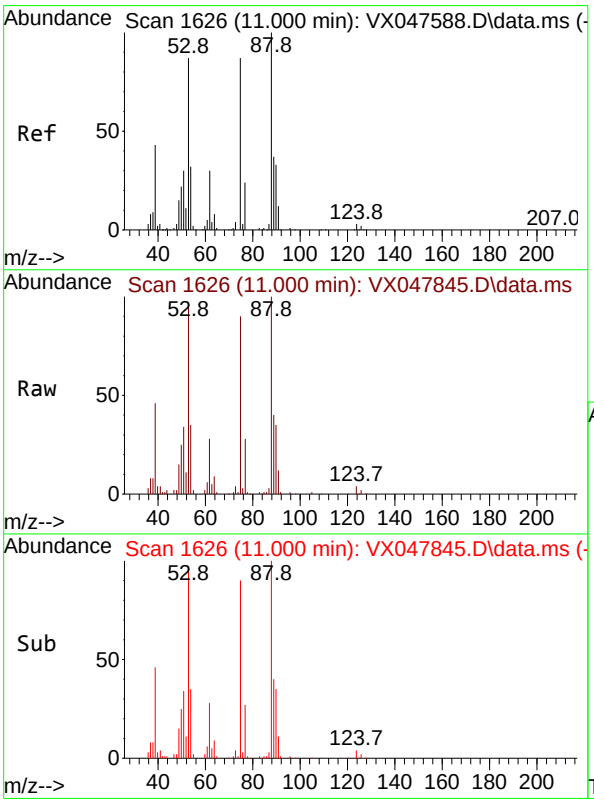
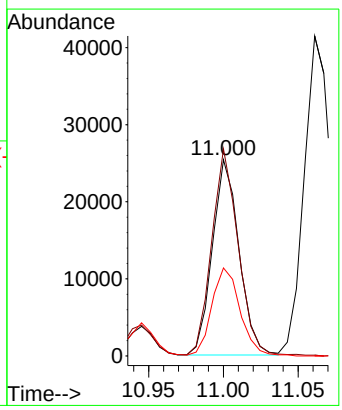


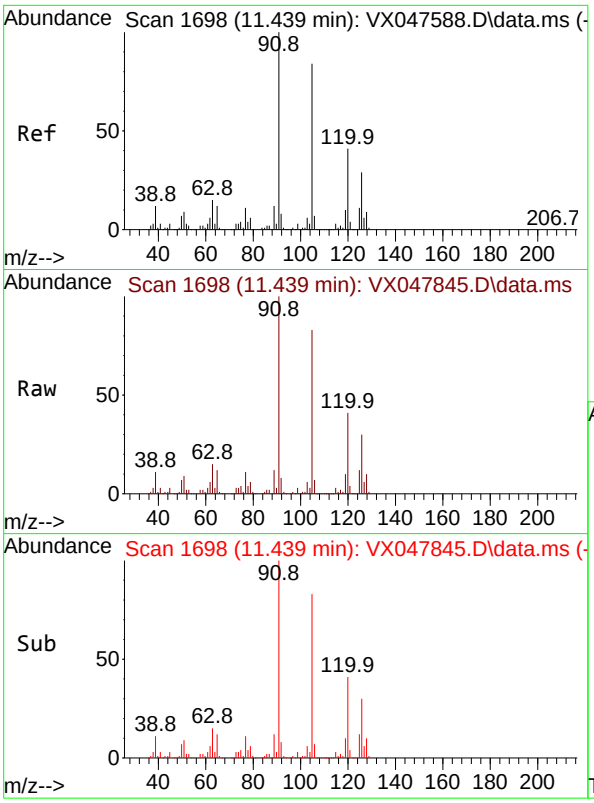


#81
trans-1,4-Dichloro-2-butene
Concen: 35.212 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 75 Resp: 31497

Ion	Ratio	Lower	Upper
75	100		
53	105.7	83.4	125.2
89	47.7	36.3	54.5





#82
4-Chlorotoluene
Concen: 46.056 ug/l
RT: 11.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 91 Resp: 33733

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.2	42.6

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

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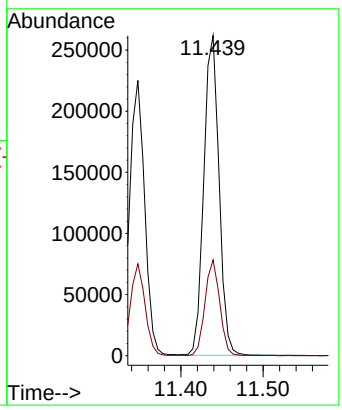
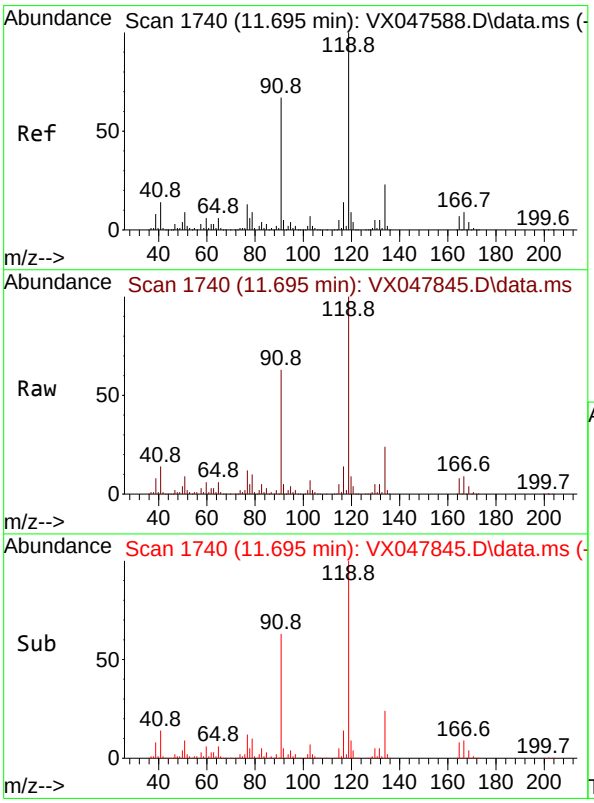
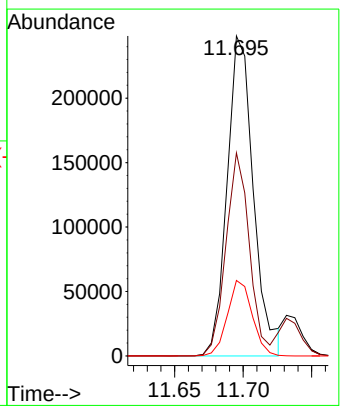


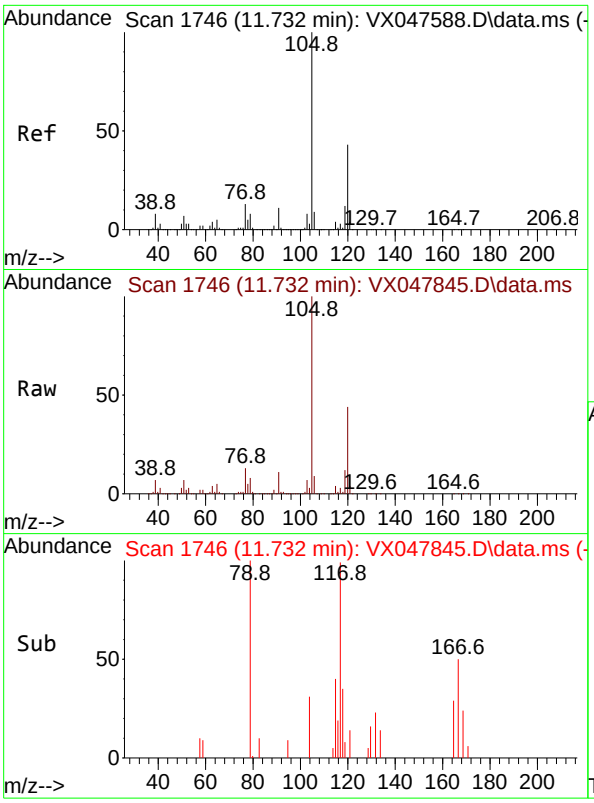


#83
tert-Butylbenzene
Concen: 46.129 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:119 Resp: 332310

Ion	Ratio	Lower	Upper
119	100		
91	56.6	29.6	88.8
134	22.3	11.0	33.0

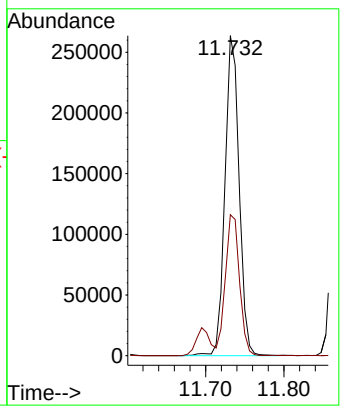




#84
1,2,4-Trimethylbenzene
Concen: 46.476 ug/l
RT: 11.732 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:105 Resp: 33159

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.1



Instrument :
MSVOA_X
ClientSampleId :
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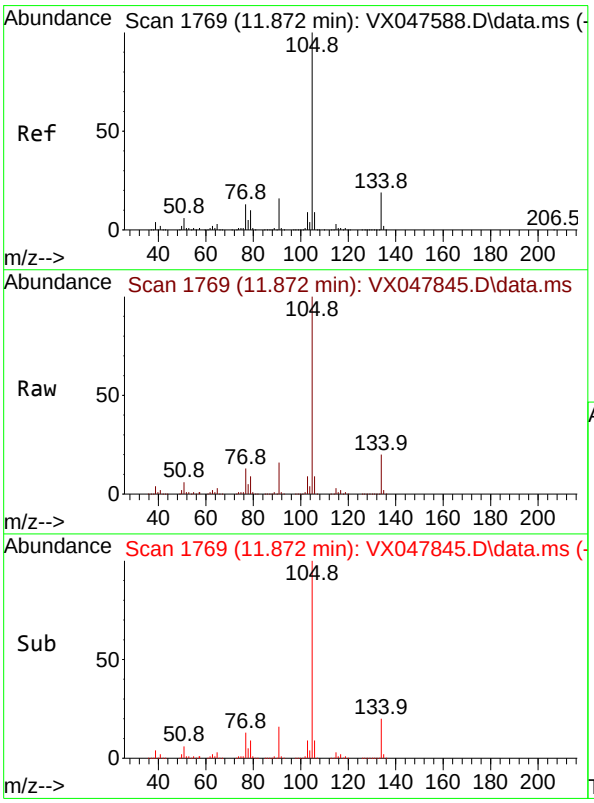
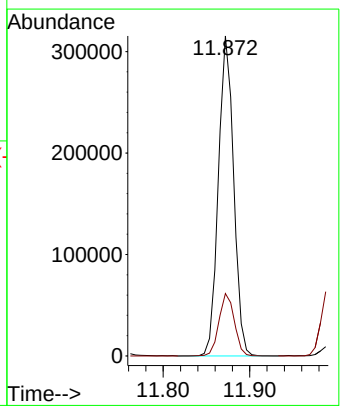
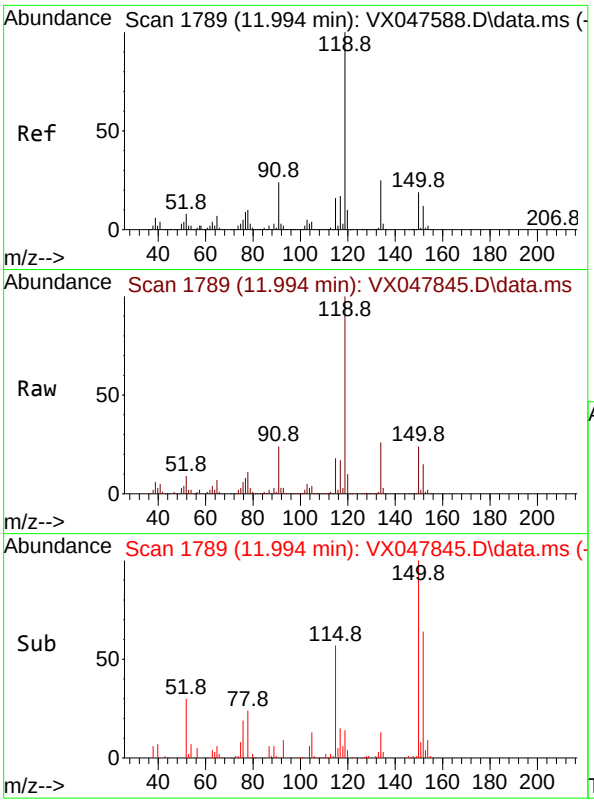


#85
sec-Butylbenzene
Concen: 45.170 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:105 Resp: 386510

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5





#86
p-Isopropyltoluene
Concen: 44.865 ug/l
RT: 11.994 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:119 Resp: 32501

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.8
91	25.1	12.6	37.6

Instrument :
MSVOA_X
ClientSampleId :
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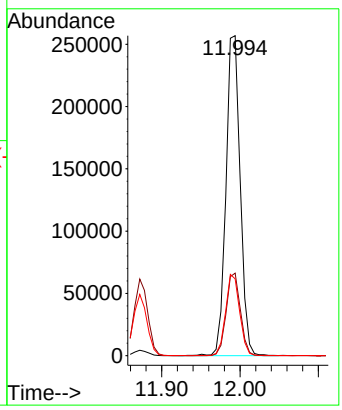
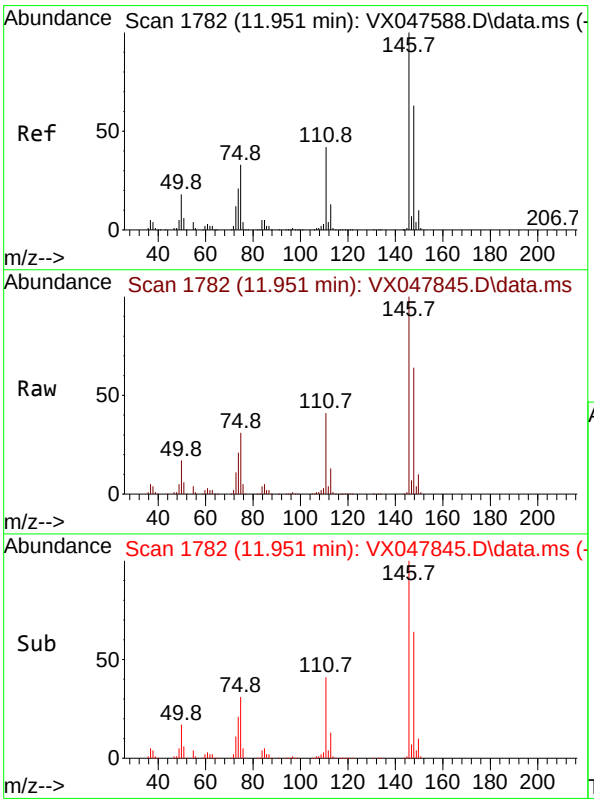
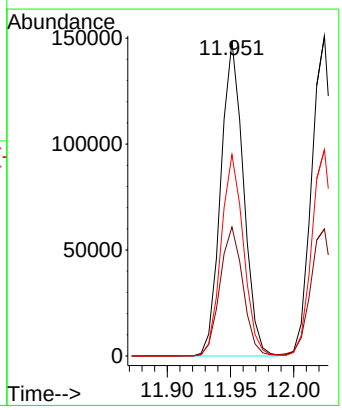


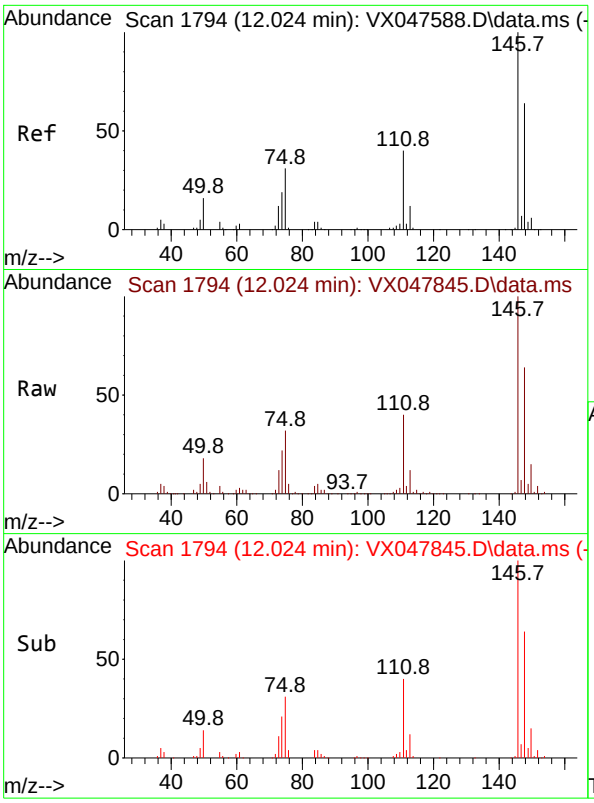


#87
1,3-Dichlorobenzene
Concen: 47.150 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:146 Resp: 184756

Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.5	64.5
148	63.2	32.0	96.0

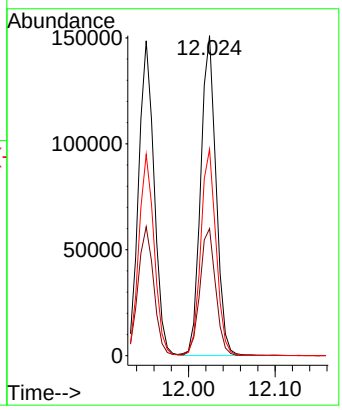




#88
1,4-Dichlorobenzene
Concen: 46.129 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:146 Resp: 18551

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.4
148	64.3	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
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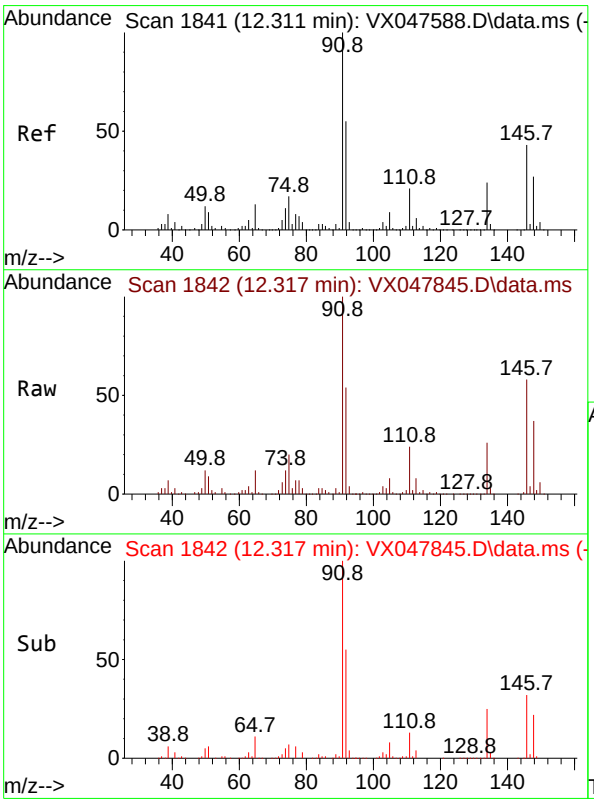
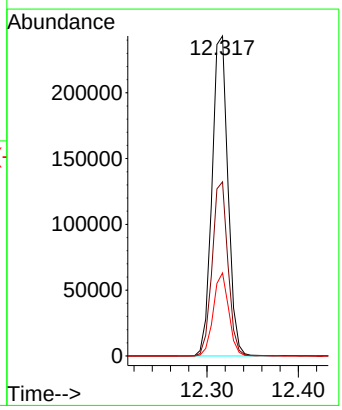
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

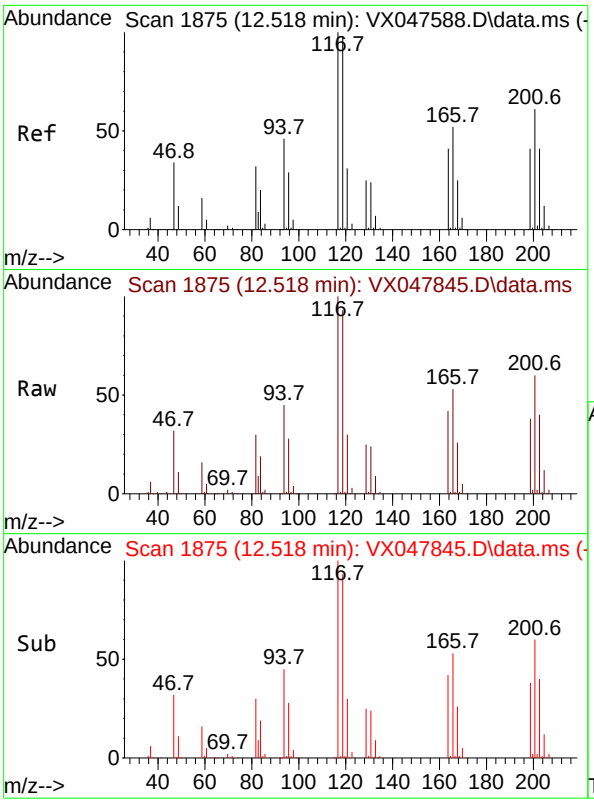


#89
n-Butylbenzene
Concen: 43.827 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 91 Resp: 293775

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.6	82.7
134	25.1	12.6	37.8





#90
Hexachloroethane
Concen: 46.192 ug/l
RT: 12.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

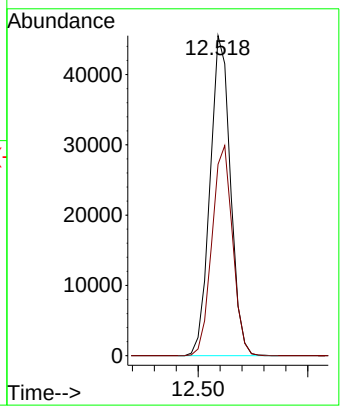
Tgt Ion:117 Resp: 5875

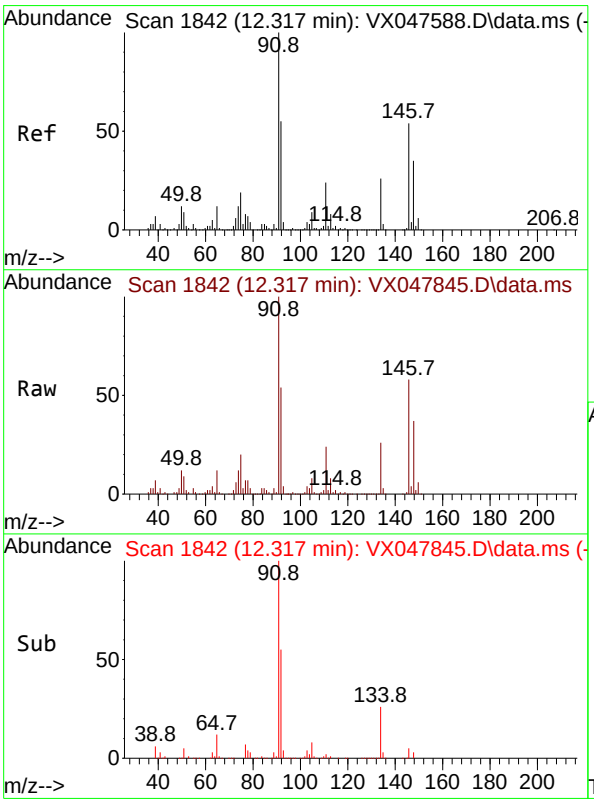
Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

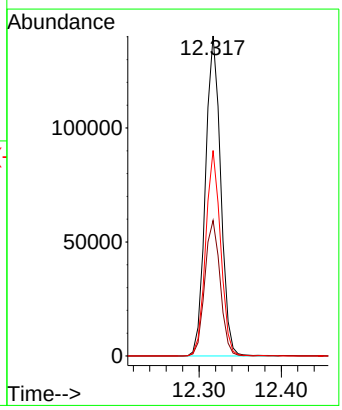


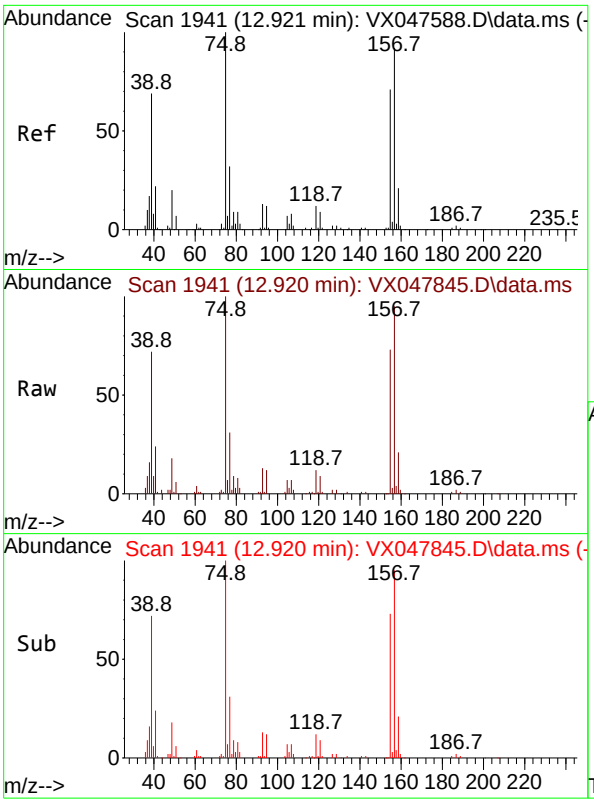


#91
1,2-Dichlorobenzene
Concen: 48.284 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:146 Resp: 180250

Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.2	66.6
148	62.8	31.8	95.4





#92
1,2-Dibromo-3-Chloropropane
Concen: 50.616 ug/l
RT: 12.920 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

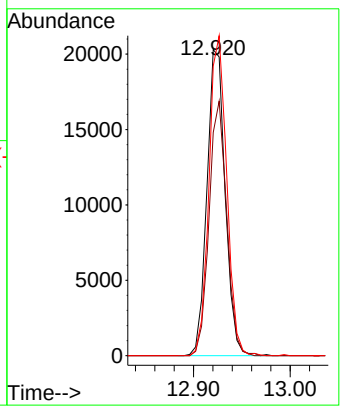
Tgt Ion: 75 Resp: 2655

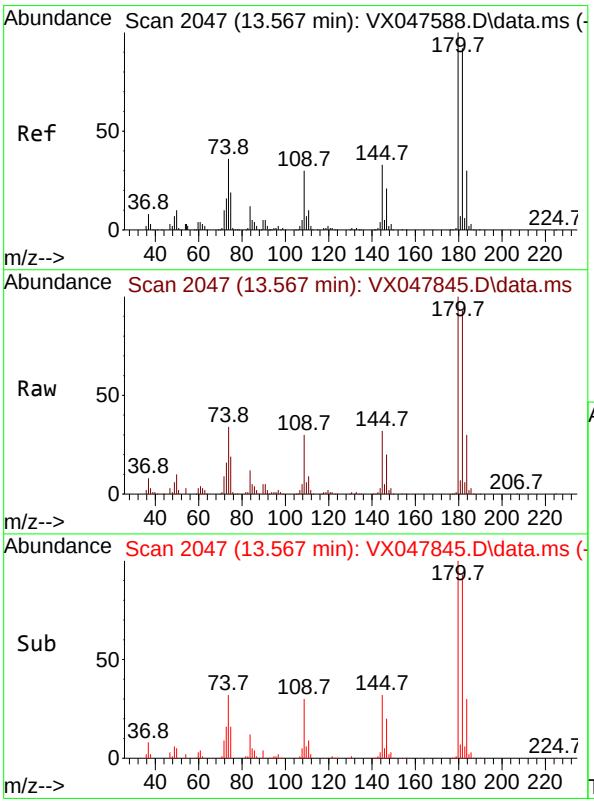
Ion	Ratio	Lower	Upper
75	100		
155	80.4	37.7	113.1
157	101.6	49.8	149.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

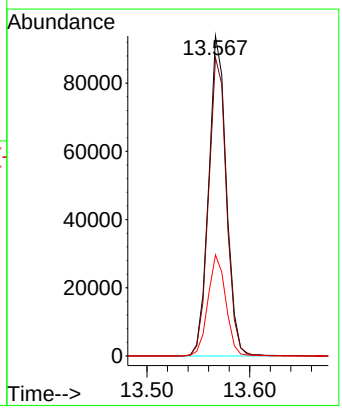


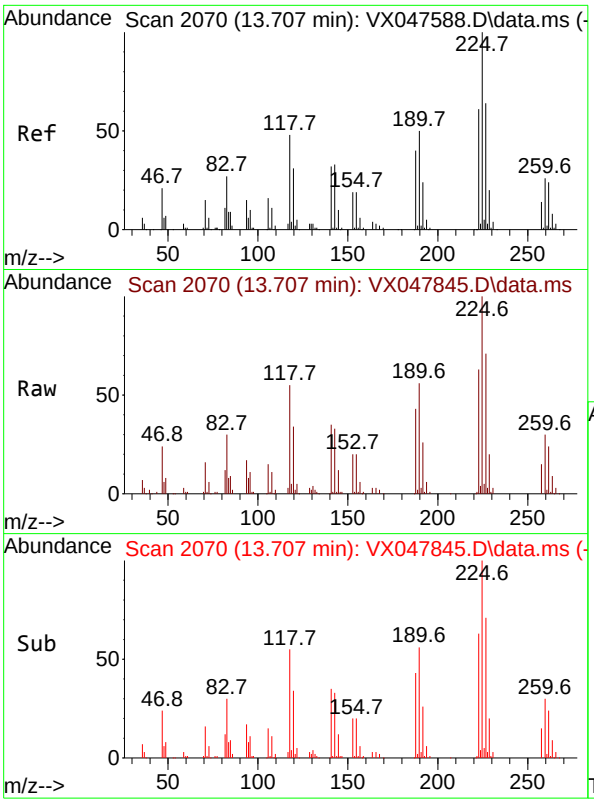


#93
1,2,4-Trichlorobenzene
Concen: 46.313 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:180 Resp: 112364

Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.6	139.8
145	31.8	16.4	49.1

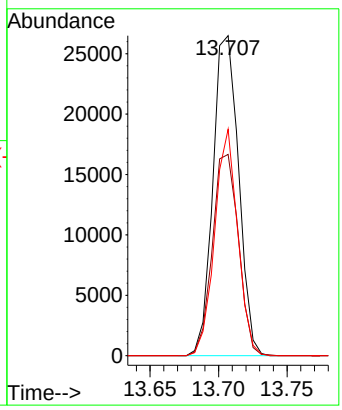




#94
Hexachlorobutadiene
Concen: 41.861 ug/l
RT: 13.707 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:225 Resp: 3449

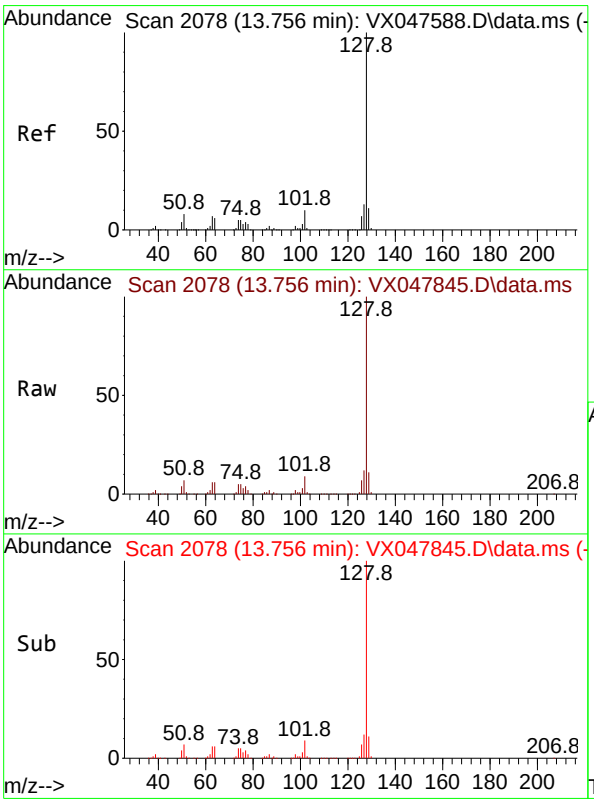
Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.7	95.1
227	63.3	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
APPROVED

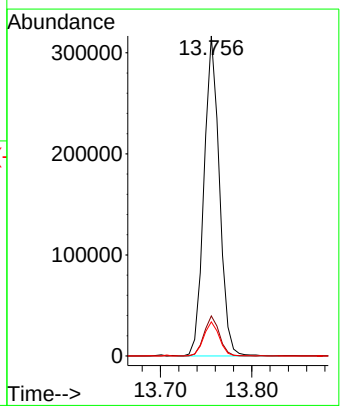
Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

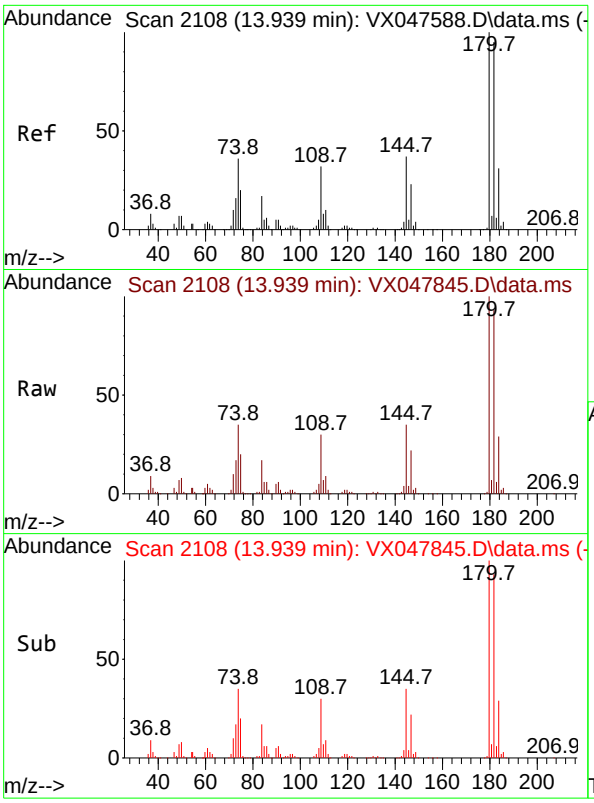


#95
Naphthalene
Concen: 50.167 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:128 Resp: 370629

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.8	8.8	13.2

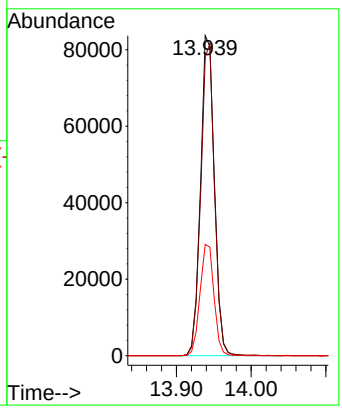




#96
1,2,3-Trichlorobenzene
Concen: 47.668 ug/l
RT: 13.939 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:180 Resp: 10758

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.6	142.8
145	35.1	17.9	53.7



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2025
Supervised By :Mahesh Dadoda 09/29/2025

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

Manual Integration Report

Sequence:	vx091625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047585.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dichlorobenzene	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dioxane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC005	VX047586.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:50 AM	MMDadoda	9/18/2025 3:22:12 PM	Peak Integrated by Software
VSTDICC020	VX047587.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:57 AM	MMDadoda	9/18/2025 3:22:15 PM	Peak Integrated by Software
VSTDICCC050	VX047588.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:01 AM	MMDadoda	9/18/2025 3:22:17 PM	Peak Integrated by Software
VSTDICC100	VX047589.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:06 AM	MMDadoda	9/18/2025 3:22:20 PM	Peak Integrated by Software
VSTDICC150	VX047590.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:11 AM	MMDadoda	9/18/2025 3:22:24 PM	Peak Integrated by Software
VSTDICV050	VX047592.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:15 AM	MMDadoda	9/18/2025 3:22:26 PM	Peak Integrated by Software
VSTDCCC050	VX047599.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:34 AM	MMDadoda	9/18/2025 3:22:31 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX092525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047795.D	1,2,3-Trichloropropane	JOHN	9/26/2025 9:30:06 AM	MMdadoda	9/29/2025 12:59:44 AM	Peak Integrated by Software
VX0925WBS01	VX047798.D	1,2,3-Trichloropropane	JOHN	9/26/2025 9:30:10 AM	MMdadoda	9/29/2025 12:59:49 AM	Peak Integrated by Software
VSTDCCC050	VX047823.D	1,2,3-Trichloropropane	JOHN	9/26/2025 9:30:48 AM	MMdadoda	9/29/2025 1:00:10 AM	Peak Integrated by Software
VSTDCCC050	VX047825.D	1,2,3-Trichloropropane	JOHN	9/26/2025 9:30:56 AM	MMdadoda	9/29/2025 1:00:15 AM	Peak Integrated by Software
VX0925WBS02	VX047827.D	1,2,3-Trichloropropane	JOHN	9/26/2025 9:31:03 AM	MMdadoda	9/29/2025 1:00:20 AM	Peak Integrated by Software
Q3128-02MS	VX047844.D	1,2,3-Trichloropropane	sam	9/29/2025 1:10:40 AM	MMdadoda	9/29/2025 1:11:32 AM	Peak Integrated by Software
Q3128-03MSD	VX047845.D	1,2,3-Trichloropropane	sam	9/29/2025 1:10:44 AM	MMdadoda	9/29/2025 1:11:38 AM	Peak Integrated by Software
VSTDCCC050	VX047846.D	1,2,3-Trichloropropane	sam	9/29/2025 1:10:51 AM	MMdadoda	9/29/2025 1:11:42 AM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047584.D	16 Sep 2025 08:56	JC/MD	Ok
2	VSTDICC001	VX047585.D	16 Sep 2025 09:23	JC/MD	Ok,M
3	VSTDICC005	VX047586.D	16 Sep 2025 10:16	JC/MD	Ok,M
4	VSTDICC020	VX047587.D	16 Sep 2025 10:37	JC/MD	Ok,M
5	VSTDICCC050	VX047588.D	16 Sep 2025 10:58	JC/MD	Ok,M
6	VSTDICC100	VX047589.D	16 Sep 2025 11:40	JC/MD	Ok,M
7	VSTDICC150	VX047590.D	16 Sep 2025 12:01	JC/MD	Ok,M
8	IBLK	VX047591.D	16 Sep 2025 12:22	JC/MD	Ok
9	VSTDICV050	VX047592.D	16 Sep 2025 13:35	JC/MD	Ok,M
10	VX0916MBL01	VX047593.D	16 Sep 2025 14:03	JC/MD	Ok
11	VX0916WBL01	VX047594.D	16 Sep 2025 14:53	JC/MD	Ok
12	VX0916WBS01	VX047595.D	16 Sep 2025 15:21	JC/MD	Ok,M
13	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46	JC/MD	Ok,M
14	Q3015-01	VX047597.D	16 Sep 2025 16:07	JC/MD	Ok,M
15	VIBLK	VX047598.D	16 Sep 2025 16:30	JC/MD	Ok
16	VSTDCCC050	VX047599.D	16 Sep 2025 16:51	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX092525

Review By	Semsettin Yesilyurt	Review On	9/29/2025 1:10:31 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/29/2025 1:11:53 AM		
SubDirectory	VX092525	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135628,VP135646
Initial Calibration Stds	
CCC	VP135629,VP135630,VP135647,VP135648
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047794.D	25 Sep 2025 08:24	JC/MD	Ok
2	VSTDCCC050	VX047795.D	25 Sep 2025 08:56	JC/MD	Ok,M
3	VX0925MBL01	VX047796.D	25 Sep 2025 09:25	JC/MD	Ok
4	VX0925WBL01	VX047797.D	25 Sep 2025 09:46	JC/MD	Ok
5	VX0925WBS01	VX047798.D	25 Sep 2025 10:13	JC/MD	Ok,M
6	VX0925WBSD01	VX047799.D	25 Sep 2025 10:42	JC/MD	Ok,M
7	Q3165-02	VX047800.D	25 Sep 2025 11:03	JC/MD	Ok
8	Q3165-01	VX047801.D	25 Sep 2025 11:24	JC/MD	Ok
9	Q3165-03	VX047802.D	25 Sep 2025 11:46	JC/MD	Ok
10	Q3165-04	VX047803.D	25 Sep 2025 12:07	JC/MD	Ok
11	Q3165-05	VX047804.D	25 Sep 2025 12:28	JC/MD	Ok
12	Q3165-06	VX047805.D	25 Sep 2025 12:49	JC/MD	Ok
13	Q3165-07	VX047806.D	25 Sep 2025 13:10	JC/MD	Ok
14	Q3127-04DL	VX047807.D	25 Sep 2025 13:31	JC/MD	Ok
15	Q3127-17	VX047808.D	25 Sep 2025 13:53	JC/MD	Ok
16	Q3127-13	VX047809.D	25 Sep 2025 14:14	JC/MD	Ok
17	Q3128-07	VX047810.D	25 Sep 2025 14:35	JC/MD	Ok
18	Q3128-08	VX047811.D	25 Sep 2025 14:56	JC/MD	Ok
19	Q3128-09	VX047812.D	25 Sep 2025 15:17	JC/MD	Ok
20	Q3128-10	VX047813.D	25 Sep 2025 15:38	JC/MD	Ok
21	Q3128-11	VX047814.D	25 Sep 2025 15:59	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX092525

Review By	Semsettin Yesilyurt	Review On	9/29/2025 1:10:31 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/29/2025 1:11:53 AM		
SubDirectory	VX092525	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135628,VP135646
Initial Calibration Stds	
CCC	VP135629,VP135630,VP135647,VP135648
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3128-12	VX047815.D	25 Sep 2025 16:21	JC/MD	Ok
23	Q3128-13	VX047816.D	25 Sep 2025 16:42	JC/MD	Ok
24	Q3127-01	VX047817.D	25 Sep 2025 17:03	JC/MD	Ok
25	Q3127-11	VX047818.D	25 Sep 2025 17:24	JC/MD	Ok
26	Q3127-19	VX047819.D	25 Sep 2025 17:45	JC/MD	Ok
27	Q3165-08	VX047820.D	25 Sep 2025 18:06	JC/MD	Ok
28	Q3165-09MS	VX047821.D	25 Sep 2025 18:27	JC/MD	Ok,M
29	Q3165-10MSD	VX047822.D	25 Sep 2025 18:48	JC/MD	Ok,M
30	VSTDCCC050	VX047823.D	25 Sep 2025 19:09	JC/MD	Ok,M
31	BFB	VX047824.D	26 Sep 2025 00:46	JC/MD	Ok
32	VSTDCCC050	VX047825.D	26 Sep 2025 01:28	JC/MD	Ok,M
33	VX0925WBL02	VX047826.D	26 Sep 2025 02:10	JC/MD	Ok
34	VX0925WBS02	VX047827.D	26 Sep 2025 02:31	JC/MD	Ok,M
35	VX0925WBSD02	VX047828.D	26 Sep 2025 02:52	JC/MD	Not Ok
36	Q3156-02	VX047829.D	26 Sep 2025 03:31	JC/MD	Ok
37	Q3156-03	VX047830.D	26 Sep 2025 03:52	JC/MD	Dilution
38	Q3156-04	VX047831.D	26 Sep 2025 04:13	JC/MD	Dilution
39	Q3156-05	VX047832.D	26 Sep 2025 04:34	JC/MD	ReRun
40	Q3156-06	VX047833.D	26 Sep 2025 04:55	JC/MD	Dilution
41	Q3156-07	VX047834.D	26 Sep 2025 05:16	JC/MD	Ok
42	Q3156-08	VX047835.D	26 Sep 2025 05:37	JC/MD	Ok
43	Q3156-09	VX047836.D	26 Sep 2025 05:58	JC/MD	Ok
44	Q3156-11	VX047837.D	26 Sep 2025 06:19	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX092525

Review By	Semsettin Yesilyurt	Review On	9/29/2025 1:10:31 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/29/2025 1:11:53 AM		
SubDirectory	VX092525	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135628,VP135646
Initial Calibration Stds	
CCC	VP135629,VP135630,VP135647,VP135648
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q3156-12	VX047838.D	26 Sep 2025 06:40	JC/MD	Ok
46	Q3128-04	VX047839.D	26 Sep 2025 07:01	JC/MD	Ok
47	Q3128-05	VX047840.D	26 Sep 2025 07:22	JC/MD	Ok
48	Q3128-06	VX047841.D	26 Sep 2025 07:43	JC/MD	Ok
49	Q3128-14	VX047842.D	26 Sep 2025 08:04	JC/MD	Ok
50	Q3128-01	VX047843.D	26 Sep 2025 08:25	JC/MD	Ok
51	Q3128-02MS	VX047844.D	26 Sep 2025 08:46	JC/MD	Ok,M
52	Q3128-03MSD	VX047845.D	26 Sep 2025 09:07	JC/MD	Ok,M
53	VSTDCCC050	VX047846.D	26 Sep 2025 09:28	JC/MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047584.D	16 Sep 2025 08:56		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047585.D	16 Sep 2025 09:23		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX047586.D	16 Sep 2025 10:16	QR-58	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047587.D	16 Sep 2025 10:37		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047588.D	16 Sep 2025 10:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047589.D	16 Sep 2025 11:40		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047590.D	16 Sep 2025 12:01		JC/MD	Ok,M
8	IBLK	IBLK	VX047591.D	16 Sep 2025 12:22		JC/MD	Ok
9	VSTDICV050	ICVVX091625	VX047592.D	16 Sep 2025 13:35		JC/MD	Ok,M
10	VX0916MBL01	VX0916MBL01	VX047593.D	16 Sep 2025 14:03		JC/MD	Ok
11	VX0916WBL01	VX0916WBL01	VX047594.D	16 Sep 2025 14:53		JC/MD	Ok
12	VX0916WBS01	VX0916WBS01	VX047595.D	16 Sep 2025 15:21		JC/MD	Ok,M
13	VX0916WBSD01	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46		JC/MD	Ok,M
14	Q3015-01	WP0925-PT-VOA-WP	VX047597.D	16 Sep 2025 16:07		JC/MD	Ok,M
15	VIBLK	VIBLK	VX047598.D	16 Sep 2025 16:30		JC/MD	Ok
16	VSTDCCC050	VSTDCCC050EC	VX047599.D	16 Sep 2025 16:51		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX092525

Review By	Semsettin Yesilyurt	Review On	9/29/2025 1:10:31 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/29/2025 1:11:53 AM		
SubDirectory	VX092525	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135628,VP135646
Initial Calibration Stds	
CCC	VP135629,VP135630,VP135647,VP135648
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	VX047794.D	25 Sep 2025 08:24		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047795.D	25 Sep 2025 08:56	pH#Lot#V12668	JC/MD	Ok,M
3	VX0925MBL01	VX0925MBL01	VX047796.D	25 Sep 2025 09:25		JC/MD	Ok
4	VX0925WBL01	VX0925WBL01	VX047797.D	25 Sep 2025 09:46		JC/MD	Ok
5	VX0925WBS01	VX0925WBS01	VX047798.D	25 Sep 2025 10:13		JC/MD	Ok,M
6	VX0925WBSD01	VX0925WBSD01	VX047799.D	25 Sep 2025 10:42		JC/MD	Ok,M
7	Q3165-02	VPB184-HYD-2025091	VX047800.D	25 Sep 2025 11:03	vial A pH<2	JC/MD	Ok
8	Q3165-01	BP-VPB-184-TB-20250	VX047801.D	25 Sep 2025 11:24	vial A pH<2 TB	JC/MD	Ok
9	Q3165-03	BP-VPB-184-GW-240-2	VX047802.D	25 Sep 2025 11:46	vial A pH<2	JC/MD	Ok
10	Q3165-04	BP-VPB-184-GW-260-2	VX047803.D	25 Sep 2025 12:07	vial A pH<2	JC/MD	Ok
11	Q3165-05	BP-VPB-184-GW-280-2	VX047804.D	25 Sep 2025 12:28	vial A pH<2	JC/MD	Ok
12	Q3165-06	BP-VPB-184-DUP-2025	VX047805.D	25 Sep 2025 12:49	vial A pH<2	JC/MD	Ok
13	Q3165-07	BP-VPB-184-GW-300-3	VX047806.D	25 Sep 2025 13:10	vial A pH<2	JC/MD	Ok
14	Q3127-04DL	DUP07-20250915DL	VX047807.D	25 Sep 2025 13:31	vial B pH<2	JC/MD	Ok
15	Q3127-17	TB06-20250912	VX047808.D	25 Sep 2025 13:53	vial A pH<2 TB	JC/MD	Ok
16	Q3127-13	TT119S1-20250916	VX047809.D	25 Sep 2025 14:14	vial B pH<2	JC/MD	Ok
17	Q3128-07	BPOW6-2-20250916	VX047810.D	25 Sep 2025 14:35	vial A pH<2	JC/MD	Ok
18	Q3128-08	BPOW6-10-20250916	VX047811.D	25 Sep 2025 14:56	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX092525

Review By	Semsettin Yesilyurt	Review On	9/29/2025 1:10:31 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/29/2025 1:11:53 AM		
SubDirectory	VX092525	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135628,VP135646
Initial Calibration Stds	
CCC	VP135629,VP135630,VP135647,VP135648
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3128-09	BPOW6-11-20250916	VX047812.D	25 Sep 2025 15:17	vial A pH<2	JC/MD	Ok
20	Q3128-10	BPOW6-8-20250916	VX047813.D	25 Sep 2025 15:38	vial A pH<2	JC/MD	Ok
21	Q3128-11	BPOW6-7-20250917	VX047814.D	25 Sep 2025 15:59	vial A pH<2	JC/MD	Ok
22	Q3128-12	BPOW6-6-20250917	VX047815.D	25 Sep 2025 16:21	vial A pH<2	JC/MD	Ok
23	Q3128-13	BPOW6-5-20250917	VX047816.D	25 Sep 2025 16:42	vial A pH<2	JC/MD	Ok
24	Q3127-01	DUP08-20250915	VX047817.D	25 Sep 2025 17:03	vial A pH<2	JC/MD	Ok
25	Q3127-11	RE135D3-20250915	VX047818.D	25 Sep 2025 17:24	vial A pH<2	JC/MD	Ok
26	Q3127-19	BPOW1-7-20250917	VX047819.D	25 Sep 2025 17:45	vial A pH<2	JC/MD	Ok
27	Q3165-08	BP-VPB-184-GW-320-3	VX047820.D	25 Sep 2025 18:06	vial A pH<2	JC/MD	Ok
28	Q3165-09MS	BP-VPB-184-GW-320-3	VX047821.D	25 Sep 2025 18:27	vial A pH<2	JC/MD	Ok,M
29	Q3165-10MSD	BP-VPB-184-GW-320-3	VX047822.D	25 Sep 2025 18:48	vial A pH<2	JC/MD	Ok,M
30	VSTDCCC050	VSTDCCC050EC	VX047823.D	25 Sep 2025 19:09		JC/MD	Ok,M
31	BFB	BFB	VX047824.D	26 Sep 2025 00:46		JC/MD	Ok
32	VSTDCCC050	VSTDCCC050	VX047825.D	26 Sep 2025 01:28		JC/MD	Ok,M
33	VX0925WBL02	VX0925WBL02	VX047826.D	26 Sep 2025 02:10		JC/MD	Ok
34	VX0925WBS02	VX0925WBS02	VX047827.D	26 Sep 2025 02:31		JC/MD	Ok,M
35	VX0925WBSD02	VX0925WBSD02	VX047828.D	26 Sep 2025 02:52	Surrogate Fail	JC/MD	Not Ok
36	Q3156-02	RE10-MW01S-2025091	VX047829.D	26 Sep 2025 03:31	vial A pH<2	JC/MD	Ok
37	Q3156-03	RE131D3-20250918	VX047830.D	26 Sep 2025 03:52	vial A pH<2 Need 10X	JC/MD	Dilution

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX092525

Review By	Semsettin Yesilyurt	Review On	9/29/2025 1:10:31 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/29/2025 1:11:53 AM		
SubDirectory	VX092525	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135628,VP135646
Initial Calibration Stds	
CCC	VP135629,VP135630,VP135647,VP135648
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q3156-04	TT190D1-20250918	VX047831.D	26 Sep 2025 04:13	vial A pH<2 Need 5X	JC/MD	Dilution
39	Q3156-05	RE132D2-20250918	VX047832.D	26 Sep 2025 04:34	vial A pH<2 E flag of previous sample	JC/MD	ReRun
40	Q3156-06	RE132D4-20250918	VX047833.D	26 Sep 2025 04:55	vial A pH<2 Need 5X	JC/MD	Dilution
41	Q3156-07	TT189D2-20250918	VX047834.D	26 Sep 2025 05:16	vial A pH<2	JC/MD	Ok
42	Q3156-08	TT149I1-20250918	VX047835.D	26 Sep 2025 05:37	vial A pH<2	JC/MD	Ok
43	Q3156-09	RE132D3-20250918	VX047836.D	26 Sep 2025 05:58	vial A pH<2	JC/MD	Ok
44	Q3156-11	RE132D1-20250918	VX047837.D	26 Sep 2025 06:19	vial A pH<2	JC/MD	Ok
45	Q3156-12	TT190D2-20250918	VX047838.D	26 Sep 2025 06:40	vial A pH<2	JC/MD	Ok
46	Q3128-04	BPOW6-4-20250916	VX047839.D	26 Sep 2025 07:01	vial A pH<2	JC/MD	Ok
47	Q3128-05	BPOW6-9-20250916	VX047840.D	26 Sep 2025 07:22	vial A pH<2	JC/MD	Ok
48	Q3128-06	BPOW6-3-20250916	VX047841.D	26 Sep 2025 07:43	vial A pH<2	JC/MD	Ok
49	Q3128-14	TB07-20250912	VX047842.D	26 Sep 2025 08:04	vial A pH<2 TB	JC/MD	Ok
50	Q3128-01	BPOW6-1-20250916	VX047843.D	26 Sep 2025 08:25	vial A pH<2	JC/MD	Ok
51	Q3128-02MS	BPOW6-1-20250916MS	VX047844.D	26 Sep 2025 08:46	vial A pH<2	JC/MD	Ok,M
52	Q3128-03MSD	BPOW6-1-20250916MS	VX047845.D	26 Sep 2025 09:07	vial A pH<2	JC/MD	Ok,M
53	VSTDCCC050	VSTDCCC050EC	VX047846.D	26 Sep 2025 09:28		JC/MD	Ok,M

M : Manual Integration

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Prep Standard - Chemical Standard Summary

Order ID : Q3128

Test : VOCMS Group1

Prepbatch ID :

Sequence ID/Qc Batch ID: VX092525,

Standard ID :
VP134142,VP134149,VP134933,VP134956,VP134957,VP135480,VP135552,VP135628,VP135629,VP135630,VP135646,VP135647,VP135648,

Chemical ID :
V13391,V14200,V14204,V14205,V14290,V14509,V14510,V14531,V14532,V14625,V14626,V14636,V14637,V14638,V14639,V14668,V14671,V14673,V14675,V14727,V14728,V14803,V14815,V14844,V14906,V14928,V14929,V14951,V14952,V15066,V15067,V15068,W3112,

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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	VP134142	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14668 + 1.00000ml of V14671 + 1.00000ml of V14673 + 1.00000ml of V14675 + 16.00000ml of V14929 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1810	8260 Working Std(2-CVE)-800ppm	VP134149	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14636 + 1.00000ml of V14637 + 1.00000ml of V14638 + 1.00000ml of V14639 + 46.00000ml of V14929 = Final Quantity: 50.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
617	8260 Surrogate, 400PPM	VP134933	07/29/2025	01/29/2026	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 0.40000ml of V14906 + 24.60000ml of V14625 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
247	8260 Internal Standard, 250PPM	VP134956	08/01/2025	11/09/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.25000ml of V14290 + 24.75000ml of V14626 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
218	BFB, 25PPM	VP134957	08/01/2025	11/22/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.50000ml of V13391 + 49.50000ml of V14625 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP135480	09/16/2025	10/15/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/19/2025

FROM 1.00000ml of V15066 + 1.50000ml of V15067 + 1.50000ml of V15068 + 21.00000ml of V14625 = 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	VP135552	09/22/2025	11/03/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/26/2025

FROM 0.40000ml of V14844 + 1.00000ml of V14200 + 1.00000ml of V14509 + 1.00000ml of V14510 + 1.00000ml of V14531 + 1.00000ml of V14532 + 1.00000ml of V14727 + 1.00000ml of V14728 + 1.00000ml of V14803 + 1.00000ml of V14815 + 1.00000ml of V14951 + 1.00000ml of V14952 + 1.50000ml of V14204 + 1.50000ml of V14205 + 10.60000ml of V14928 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP135628	09/25/2025	09/26/2025	John Carlone	None	None	Mahesh Dadoda 09/29/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP134957 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135629	09/25/2025	09/26/2025	John Carlone	None	None	Mahesh Dadoda 09/29/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = 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	VP135630	09/25/2025	09/26/2025	John Carlone	None	None	Mahesh Dadoda 09/29/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = 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
589	BFB TUNE CHECK	VP135646	09/25/2025	09/26/2025	John Carlone	None	None	Mahesh Dadoda 09/29/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP134957 = 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	VP135647	09/25/2025	09/26/2025	John Carlone	None	None	Mahesh Dadoda 09/29/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = 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	VP135648	09/25/2025	09/26/2025	John Carlone	None	None	Mahesh Dadoda 09/29/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = Final Quantity: 40.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30067 / BFB tuneing solution	A0191805	11/22/2025	11/22/2024 / SAM	01/13/2023 / SAM	V13391

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14200

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14204

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14205

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555581 / Custom Standard, 8260 Internal Std [CS 5179-1]	A0210184	12/12/2025	12/12/2024 / SAM	04/15/2024 / SAM	V14290

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	03/22/2026	09/22/2025 / sam	09/17/2024 / SAM	V14509

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	03/22/2026	09/22/2025 / sam	09/17/2024 / SAM	V14510

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	03/22/2026	09/22/2025 / sam	09/18/2024 / SAM	V14531

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	03/22/2026	09/22/2025 / sam	09/18/2024 / SAM	V14532

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	01/29/2026	07/29/2025 / SAM	11/26/2024 / SAM	V14625

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	11/09/2025	05/09/2025 / SAM	11/26/2024 / SAM	V14626

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14636

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14637

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14638

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14639

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14668

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14671

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14673

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14675

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	03/22/2026	09/22/2025 / sam	12/17/2024 / SAM	V14727

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	03/22/2026	09/22/2025 / sam	12/17/2024 / SAM	V14728

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	03/22/2026	09/22/2025 / sam	01/08/2025 / SAM	V14803

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	03/22/2026	09/22/2025 / sam	01/08/2025 / SAM	V14815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30470 / VOA Stock Solution, tert-butanol std, 1mL, P&TM	A0217535	03/22/2026	09/22/2025 / sam	01/21/2025 / SAM	V14844

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0223904	07/29/2026	07/29/2025 / SAM	03/24/2025 / SAM	V14906

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	03/22/2026	09/22/2025 / sam	05/09/2025 / SAM	V14928

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	12/06/2025	06/06/2025 / SAM	05/09/2025 / SAM	V14929

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0222076	03/22/2026	09/22/2025 / sam	05/19/2025 / SAM	V14951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0222076	03/22/2026	09/22/2025 / sam	05/19/2025 / SAM	V14952

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15066

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15067

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15068

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
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avantor™ | J.T.Baker®

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For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
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Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2. Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3. Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4. cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5. trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6. Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7. Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8. Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9. 2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10. Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11. Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12. Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13. Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14. 2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15. Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16. 1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17. Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18. Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 846mg/kg
19. cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20. trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21. Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22. 1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23. Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24. Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25. Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26. Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27. 1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28. 2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29. Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.6	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30. 1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31. 1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32. 1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33. 1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34. 1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35. 1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36. 1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37. cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38. trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39. Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40. 1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41. 1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42. 1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43. Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44. 1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45. Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46. Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47. n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48. Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49. p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50. Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51. Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52. Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53. 1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54. 1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55. 1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56. 1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57. m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58. tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59. sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60. Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61. 2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62. 4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63. 1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64. 1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65. 1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66. Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67. n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68. o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69. p-Xylene	35163	101923	0.05	5.00	40000.6	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

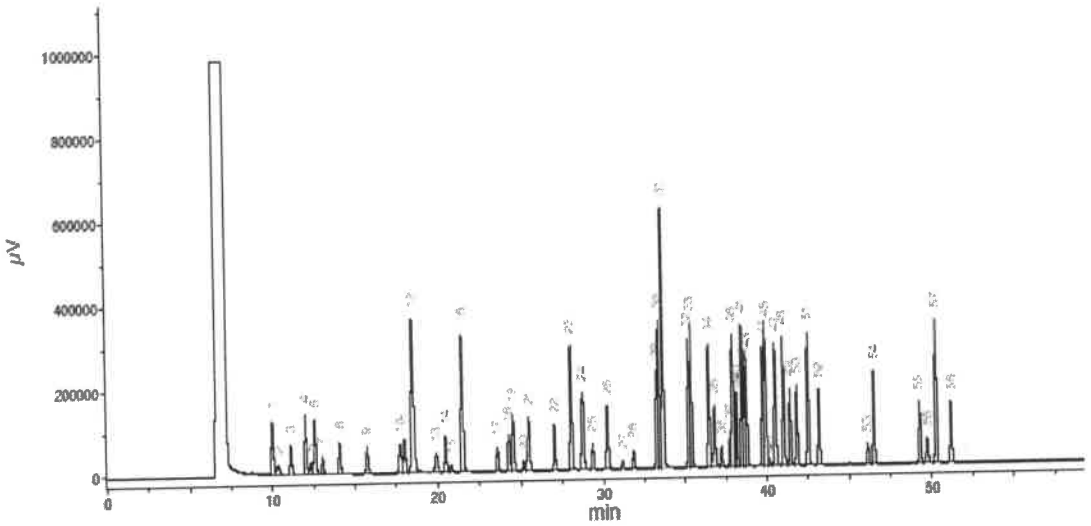
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, 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	27.07
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	41.63
51	n-Butylbenzene	42.52
52	1,2-Dichlorobenzene	42.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.46
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. 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))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2. Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3. Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4. cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5. trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6. Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7. Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8. Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9. 2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10. Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11. Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12. Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13. Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14. 2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15. Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16. 1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17. Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18. Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 846mg/kg
19. cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20. trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21. Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22. 1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23. Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24. Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25. Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26. Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27. 1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28. 2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29. Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.6	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30. 1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31. 1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32. 1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33. 1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34. 1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35. 1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36. 1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37. cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38. trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39. Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40. 1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41. 1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42. 1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43. Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44. 1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45. Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46. Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47. n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48. Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49. p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50. Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51. Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52. Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53. 1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54. 1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55. 1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56. 1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57. m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58. tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59. sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60. Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61. 2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62. 4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63. 1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64. 1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65. 1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66. Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67. n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68. o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69. p-Xylene	35163	101923	0.05	5.00	40000.6	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

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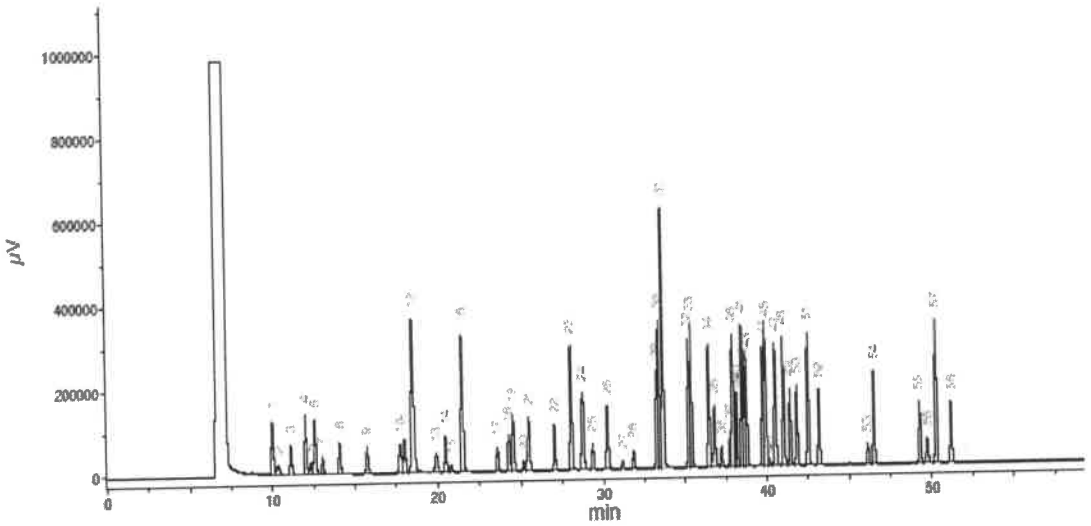
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the 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	27.07
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	41.63
51	n-Butylbenzene	42.52
52	1,2-Dichlorobenzene	42.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.46
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. 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))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/24 2 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Water 072324Q

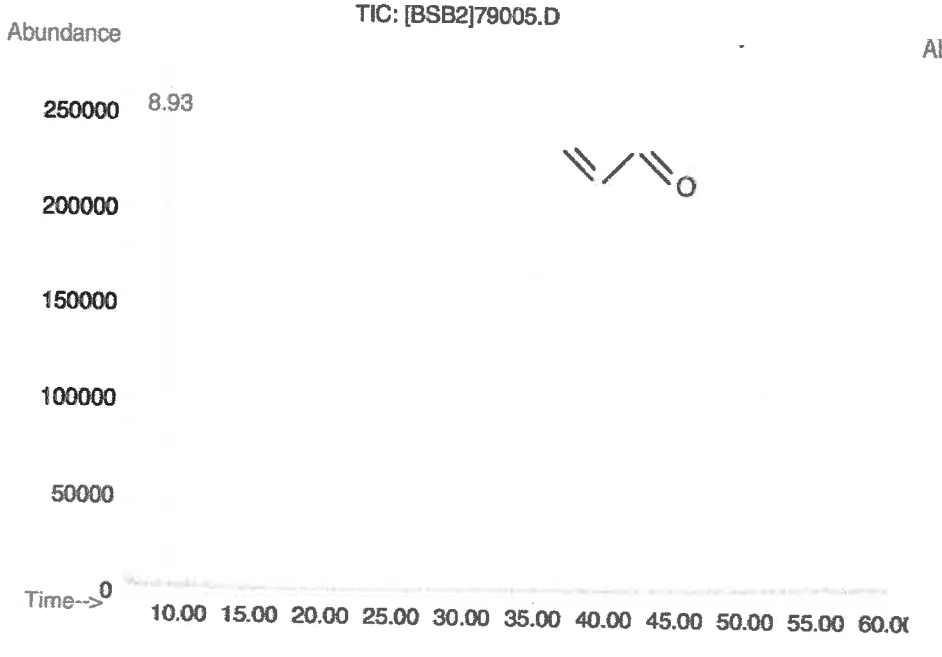
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

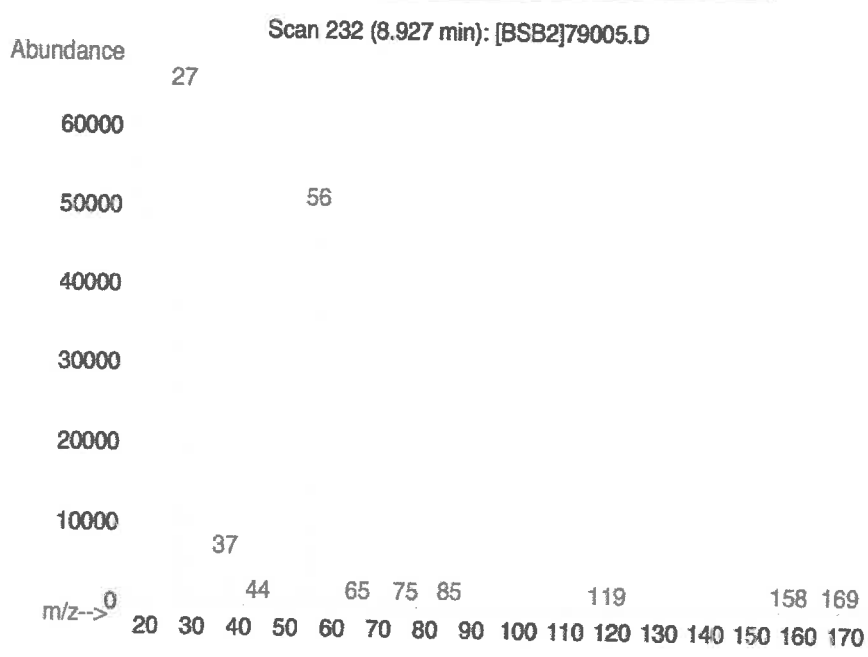
Formulated By: Justin Dippold 091424 DATE

Reviewed By: Pedro L. Rentas 091424 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.
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Absolute Standards, Inc.
800-368-1131
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Certified Reference Material CRM

Rec 09/16/24 2 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Water 072324Q

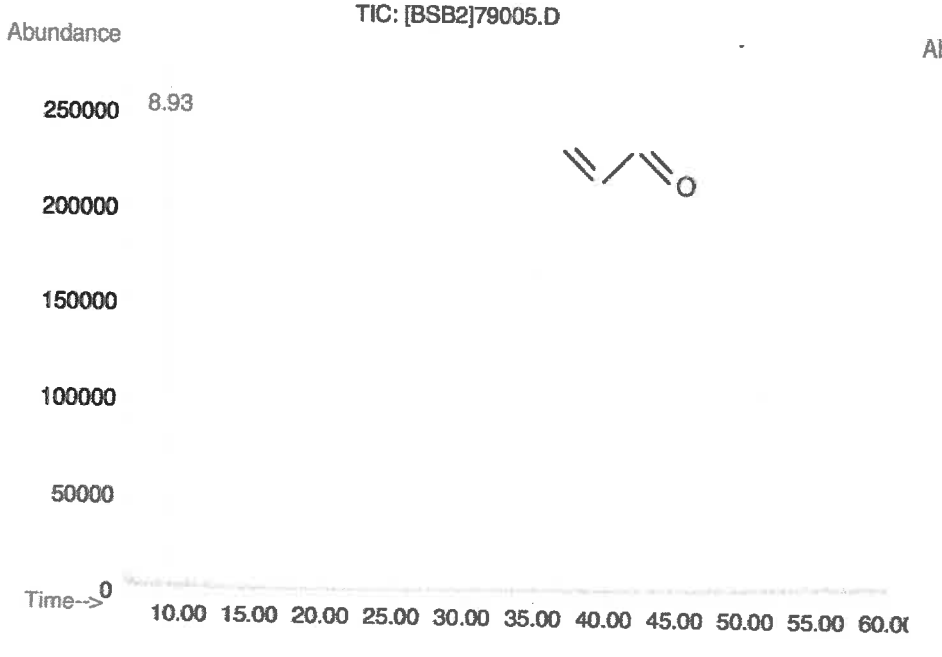
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

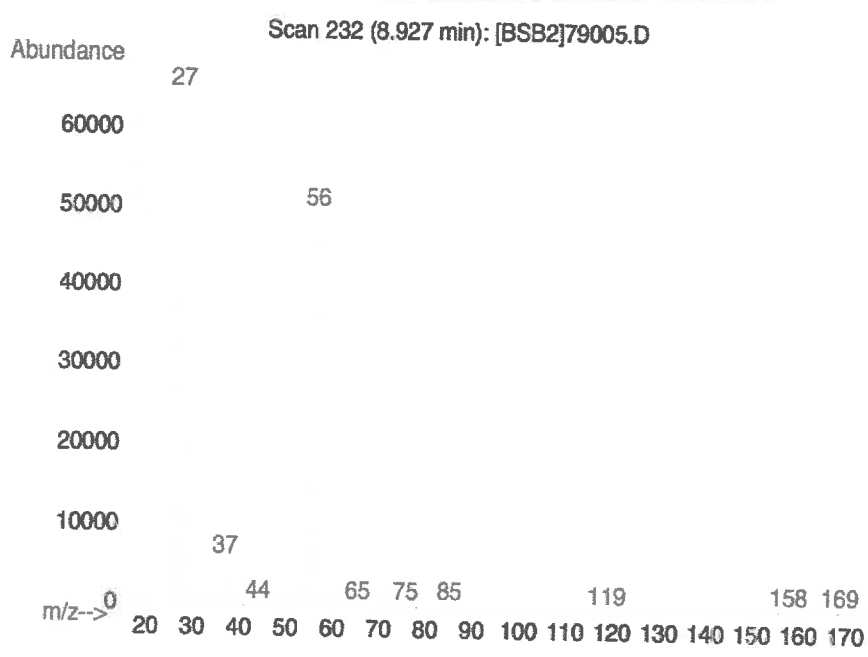
Formulated By: Justin Dippold 091424 DATE

Reviewed By: Pedro L. Rentas 091424 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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Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 12/6/24
20 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

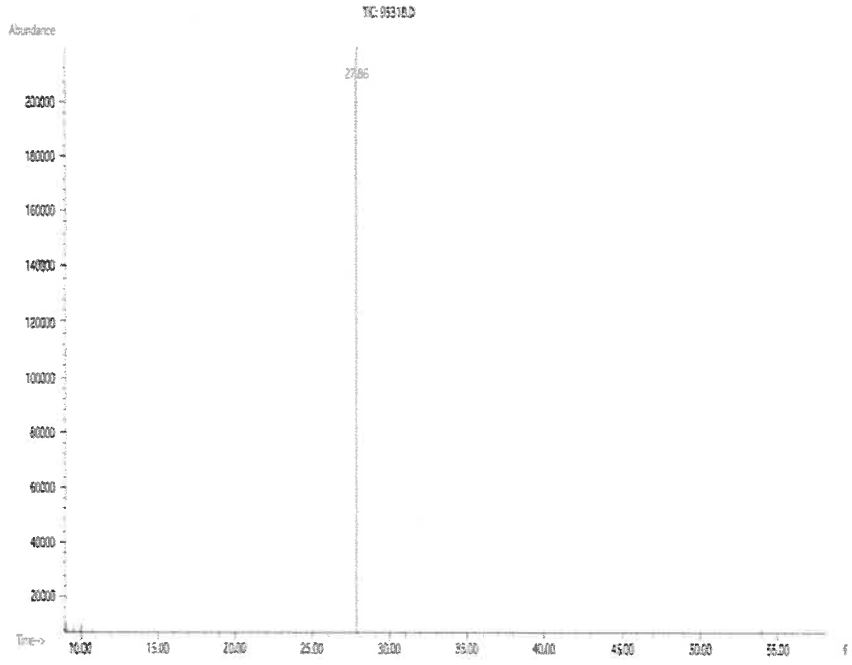
V14630 to V14649

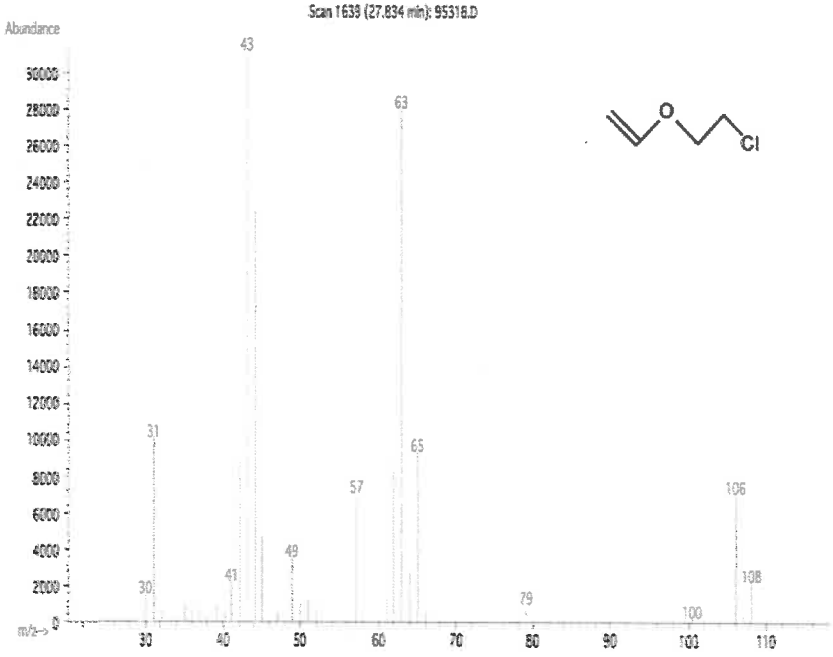
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Formulated By:	Prashant Chauhan	120524 DATE
Reviewed By:	Pedro L. Rentas	120524 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
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Certified Reference Material CRM

Rec 12/6/24
20 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

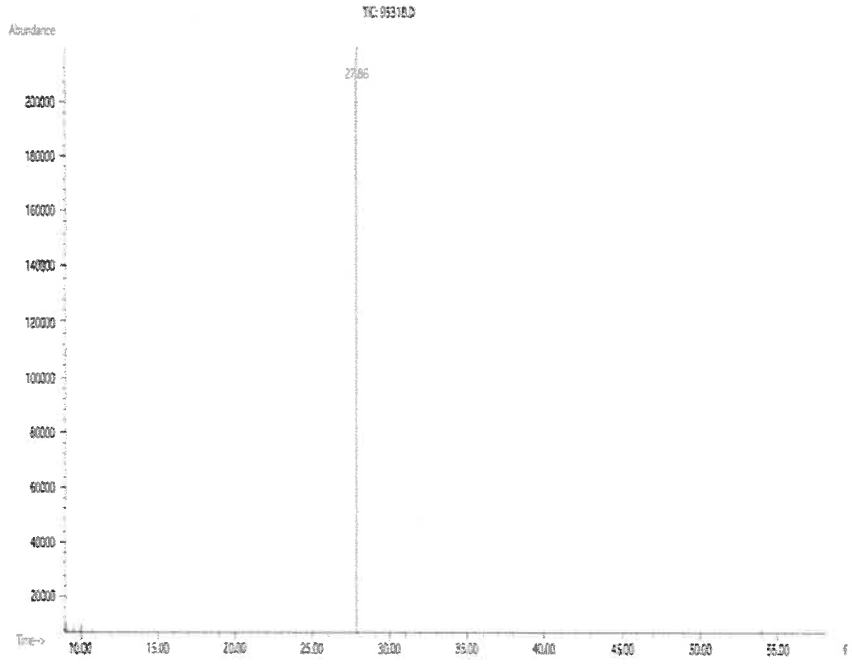
V14630 to V14649

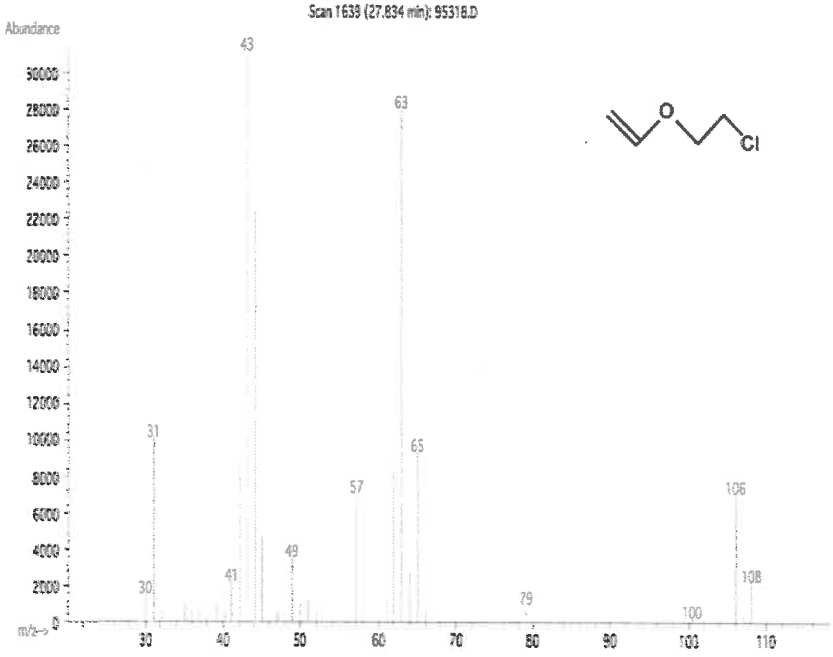
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro L. Rentas	120524
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
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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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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

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CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

V14630 to V14649

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

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Formulated By: Prashant Chauhan	DATE
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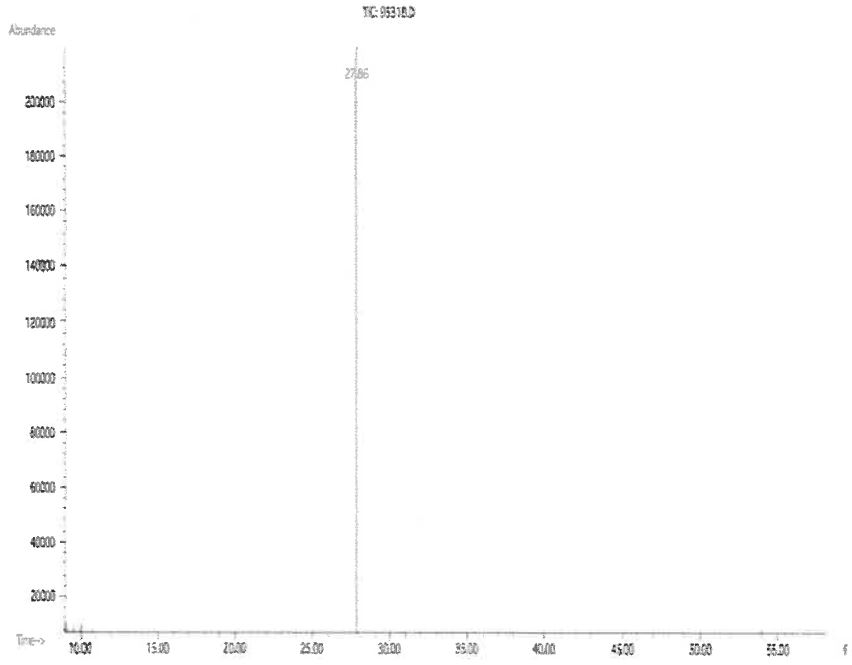
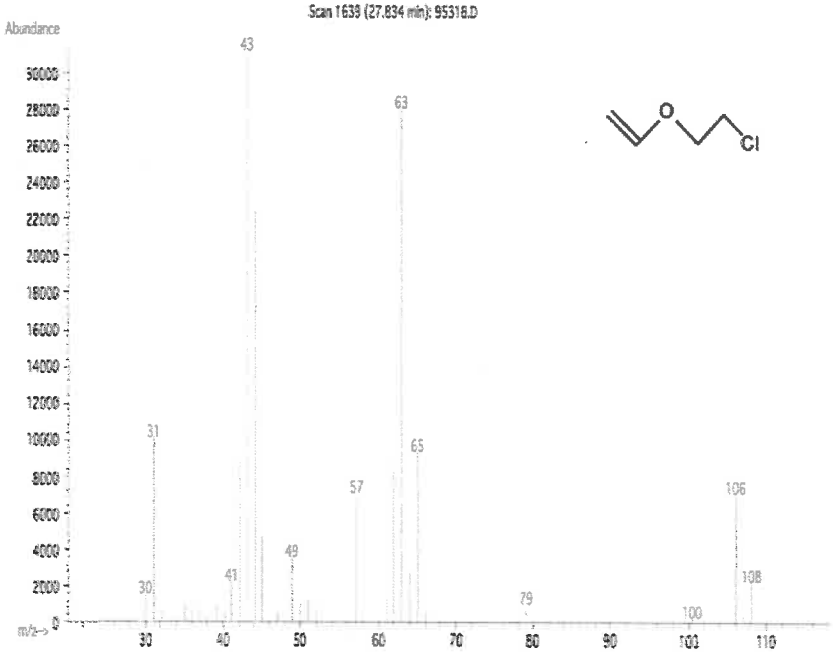
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	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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Signal Word: DANGER

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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

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CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

V14630 to V14649

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro L. Rentas	120524
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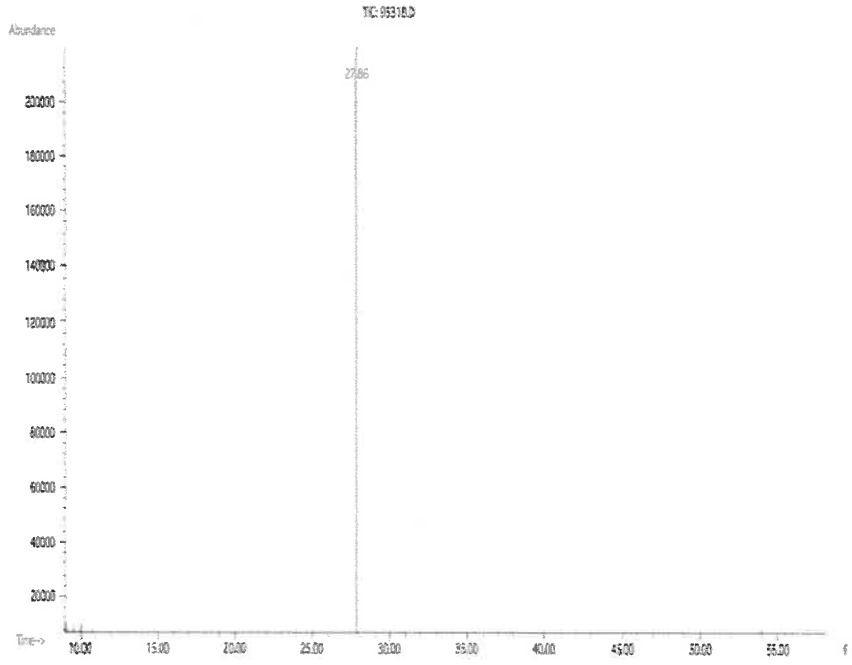
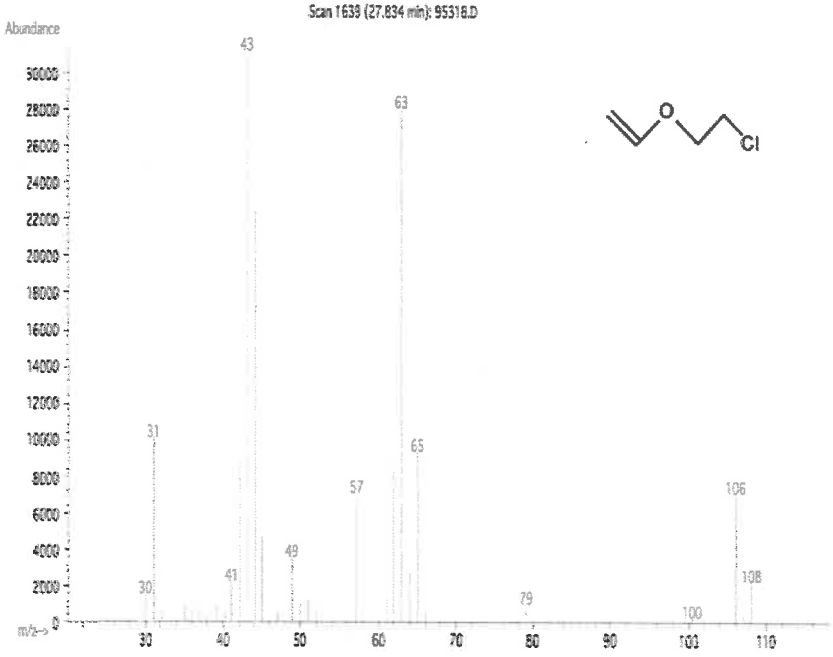
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	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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- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
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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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

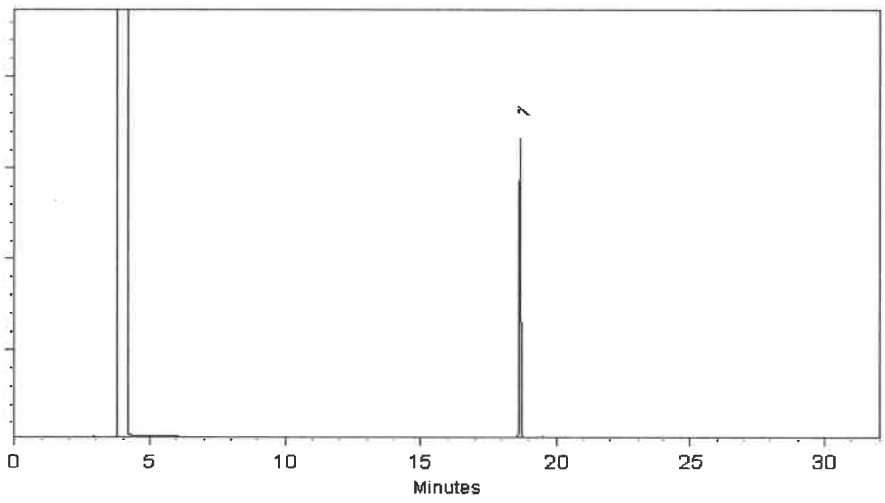
Inj. Temp:
200°C

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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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0200785

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

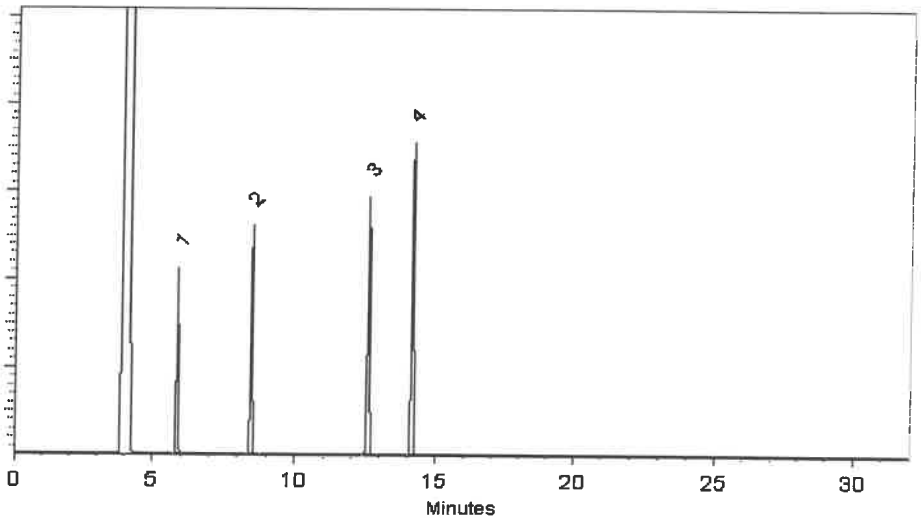
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 16-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0200785

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

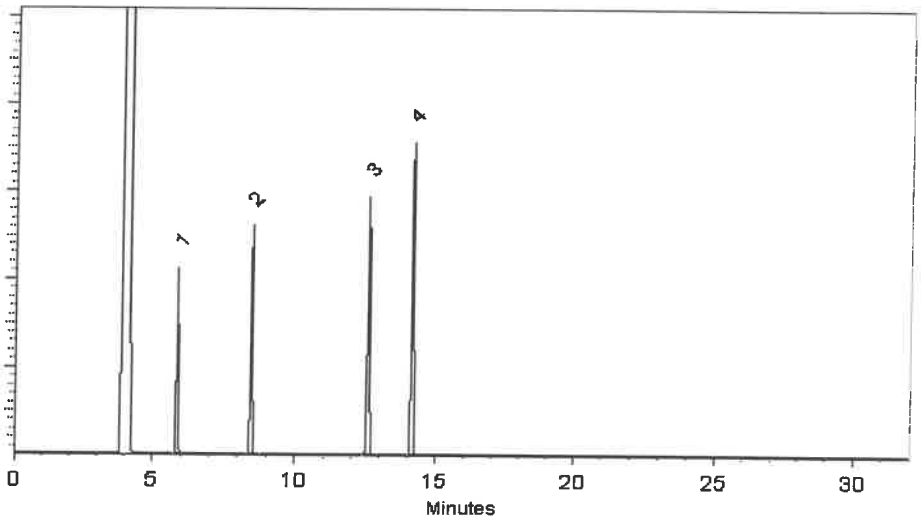
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Laith Clemente - Operations Technician I

Date Mixed: 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 16-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0200785

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
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4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

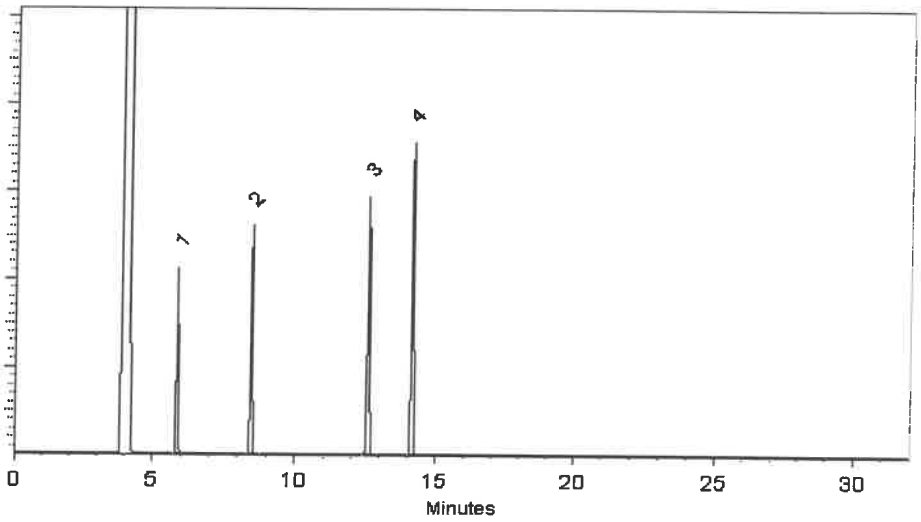
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Laith Clemente - Operations Technician I

Date Mixed: 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 16-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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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. : 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

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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Dec: 12/09/24

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V14667 to
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Testing Laboratory
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

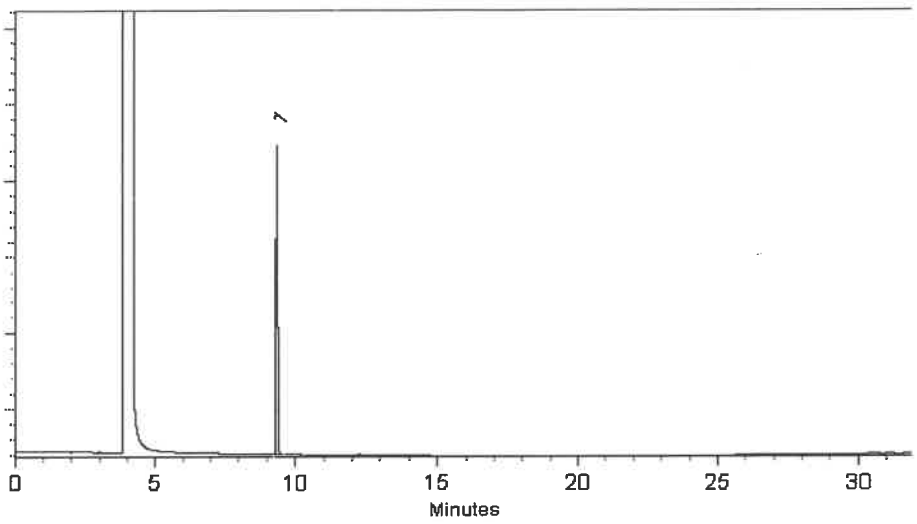
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

Dec: 12/09/24

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

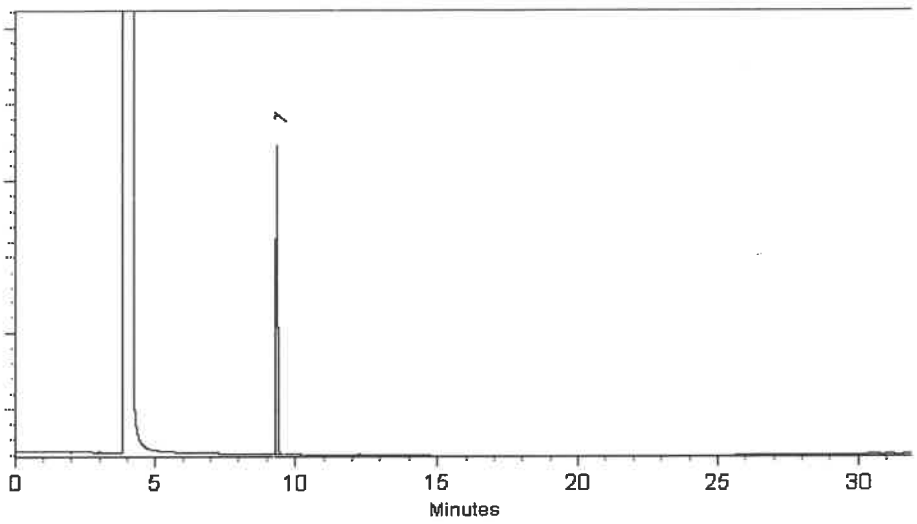
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- 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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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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Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

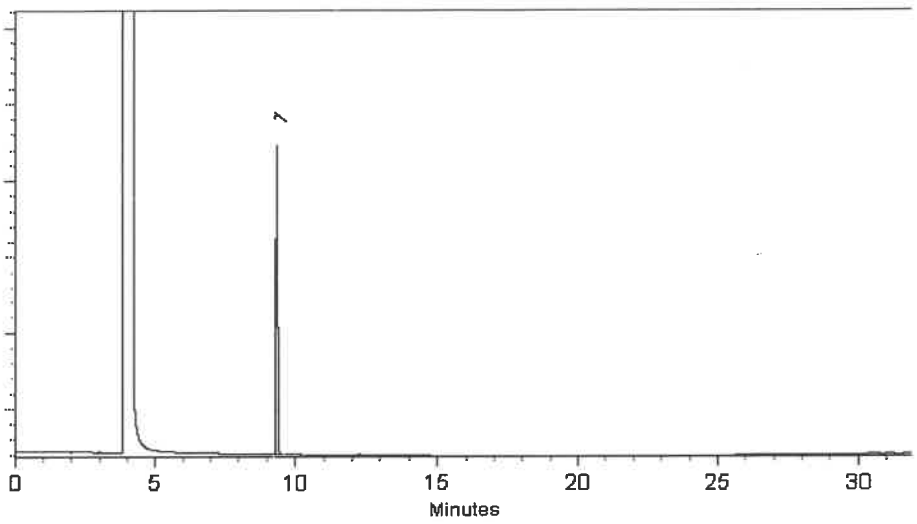
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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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.

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Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

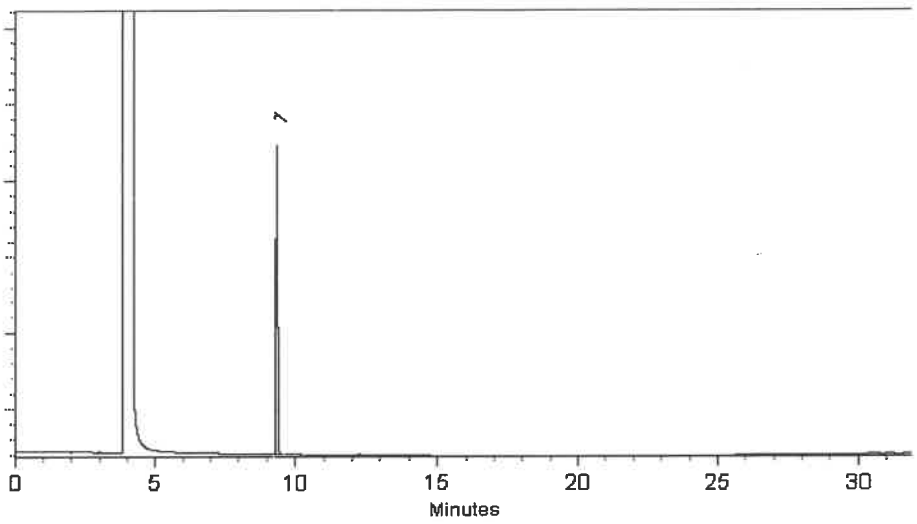
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Purity Notes:

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- 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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CERTIFIED REFERENCE MATERIAL

30 Vial

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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.

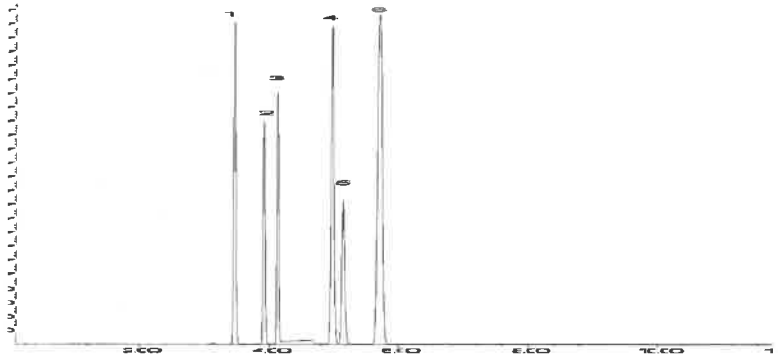
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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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:

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Purity Notes:

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$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Rec 12/17/24

CERTIFIED REFERENCE MATERIAL

30 Vial

Certificate of Analysis

chromatographic plus

V14727 to
V14756

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ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
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.

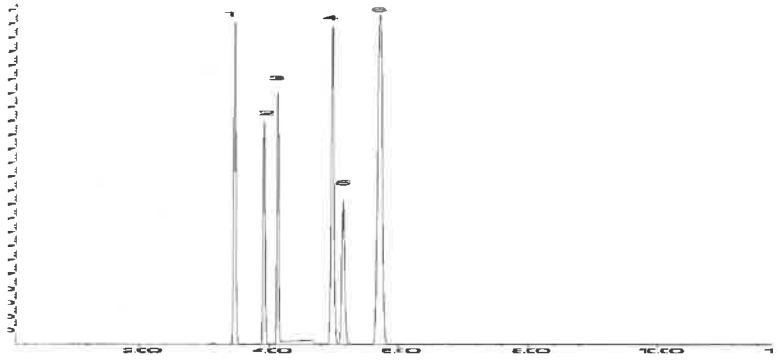
Inj. Temp:
200°C

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:

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J14842 to 14846

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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. : 30470 **Lot No.:** A0217535

Description : tert-Butanol Standard

tert-Butanol Std 50,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butanol (TBA)	75-65-0	SHBQ8002-1	99%	50,007.5 µg/mL	+/- 717.6137

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

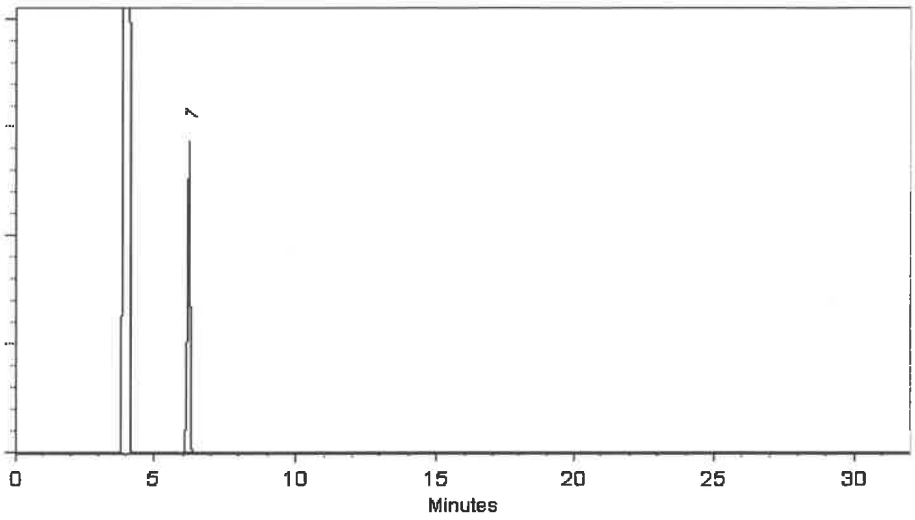
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Aaron Enyart - Operations Tech I

Date Mixed: 07-Oct-2024 **Balance Serial #** B251644995

Brittany Federinko - Operations Tech I

Date Passed: 09-Oct-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Zoviny 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.)

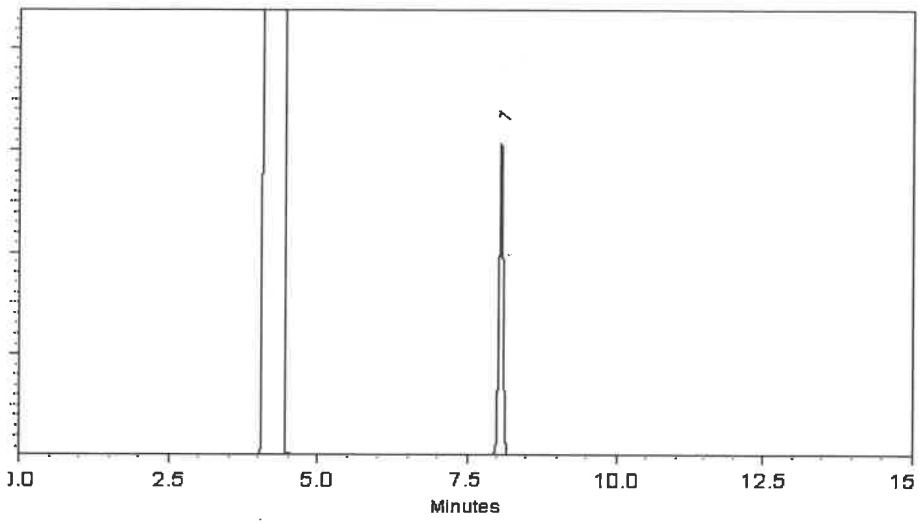
Inj. Temp:
200°C

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:

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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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Zoviny 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.)

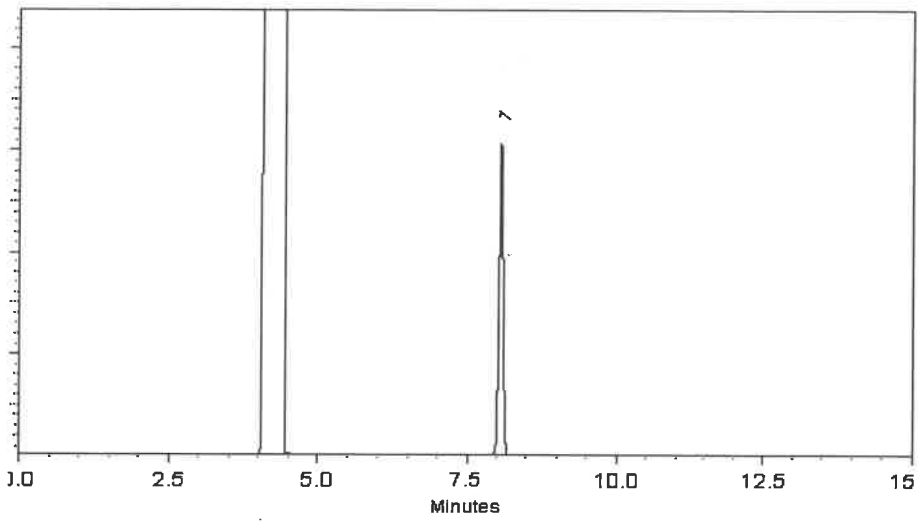
Inj. Temp:
200°C

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.
- 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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10 vial

CERTIFIED REFERENCE MATERIAL

Lee 03/31/25

Certificate of Analysis

gravimetric

V14904 to V14913

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ilac-MRA
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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.:** A0223904

Description : Custom 8260A/B Surrogate Mix

Custom 8260A/B Surrogate Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	25,108.0 µg/mL	+/- 1,421.9957
2	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	25,108.0 µg/mL	+/- 1,421.9957
3	Dibromofluoromethane	1868-53-7	VENKAT02	99%	25,232.0 µg/mL	+/- 1,429.0184
4	Toluene-d8	2037-26-5	PR-34141	99%	25,156.0 µg/mL	+/- 1,424.7141

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 27-Mar-2025 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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Certified Uncertainty Value Notes:

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- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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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

avantor™ | J.T.Baker®

V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

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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

Rec 05/19/25

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL
20 Vial

Certificate of Analysis

chromatographic plus

VJ14951 to VJ14970

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0222076

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBR1889	99%	2,004.0 µg/mL	+/- 69.2674
2	Vinyl acetate	108-05-4	RD240423RSR	99%	2,010.0 µg/mL	+/- 69.4748
3	Ethyl acetate	141-78-6	SHBS3323	99%	2,019.3 µg/mL	+/- 69.7974
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,008.0 µg/mL	+/- 69.4057
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBR2024	99%	2,008.0 µg/mL	+/- 69.4057
7	Amyl acetate	628-63-7	BCBT7442	99%	2,006.7 µg/mL	+/- 69.3596

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

Rec 05/19/25

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL
20 Vial

Certificate of Analysis

chromatographic plus

VJ14951 to VJ14970

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0222076

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBR1889	99%	2,004.0 µg/mL	+/- 69.2674
2	Vinyl acetate	108-05-4	RD240423RSR	99%	2,010.0 µg/mL	+/- 69.4748
3	Ethyl acetate	141-78-6	SHBS3323	99%	2,019.3 µg/mL	+/- 69.7974
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,008.0 µg/mL	+/- 69.4057
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6	Butyl acetate	123-86-4	SHBR2024	99%	2,008.0 µg/mL	+/- 69.4057
7	Amyl acetate	628-63-7	BCBT7442	99%	2,006.7 µg/mL	+/- 69.3596

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

Absolute Standards, Inc.
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Certified Reference Material CRM

Rec 09/16/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	91980
Lot Number:	091525
Description:	Acrolein
Expiration Date:	101525
Recommended Storage:	Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

V15064 to V15068

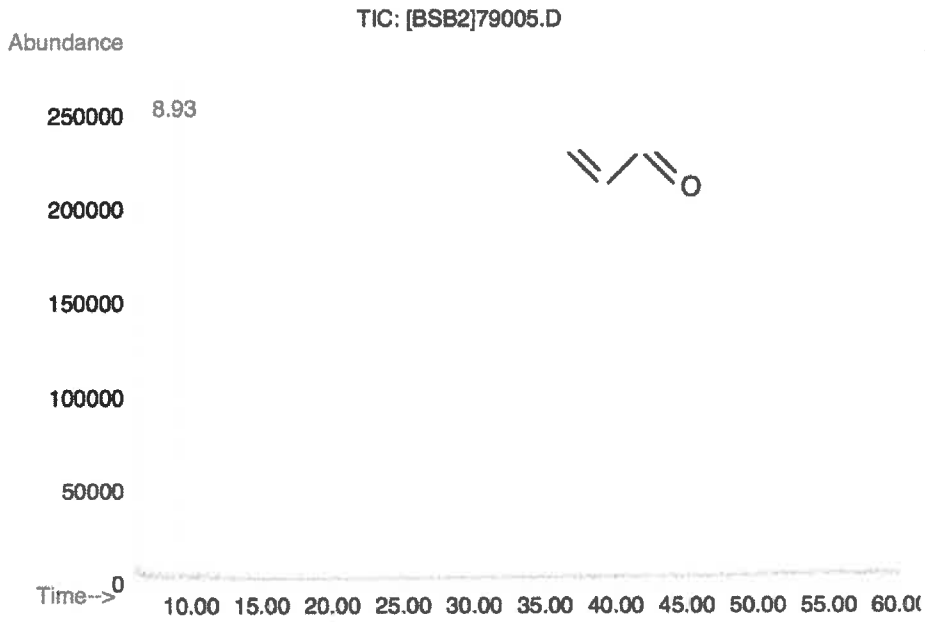
5E-05 Balance Uncertainty

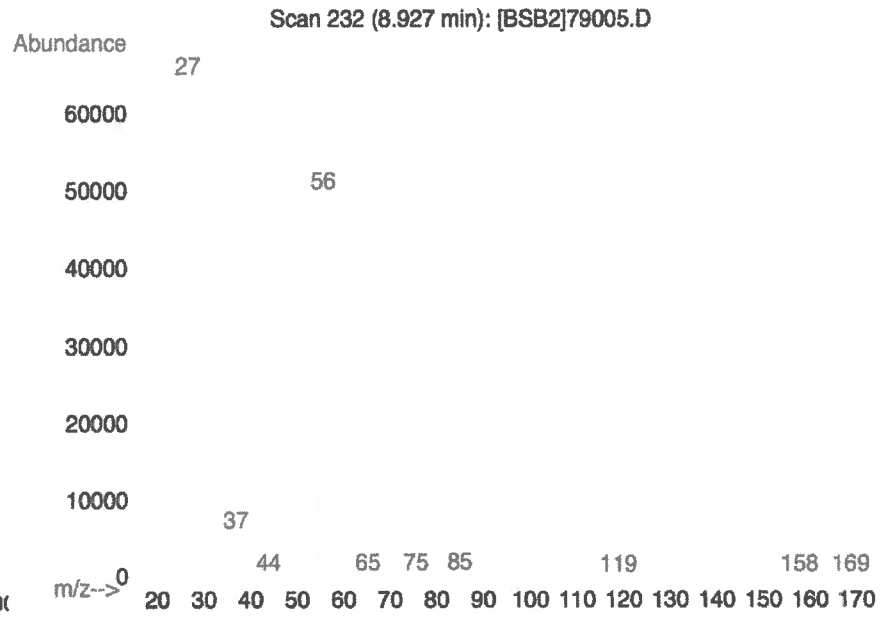
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

	091525
Formulated By: Anthony Mahoney	DATE
	091525
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	0.05176	5009.9	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).**
- **Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Rev 1.0, 2/25/2025

Absolute Standards, Inc.
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www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	91980
Lot Number:	091525
Description:	Acrolein
Expiration Date:	101525
Recommended Storage:	Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

V15064 to V15068

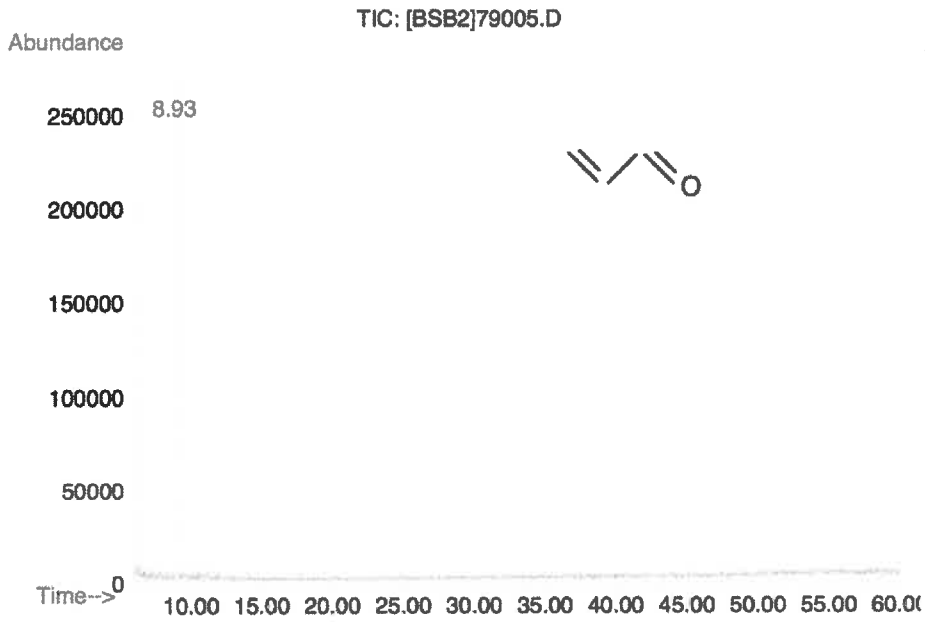
5E-05 Balance Uncertainty

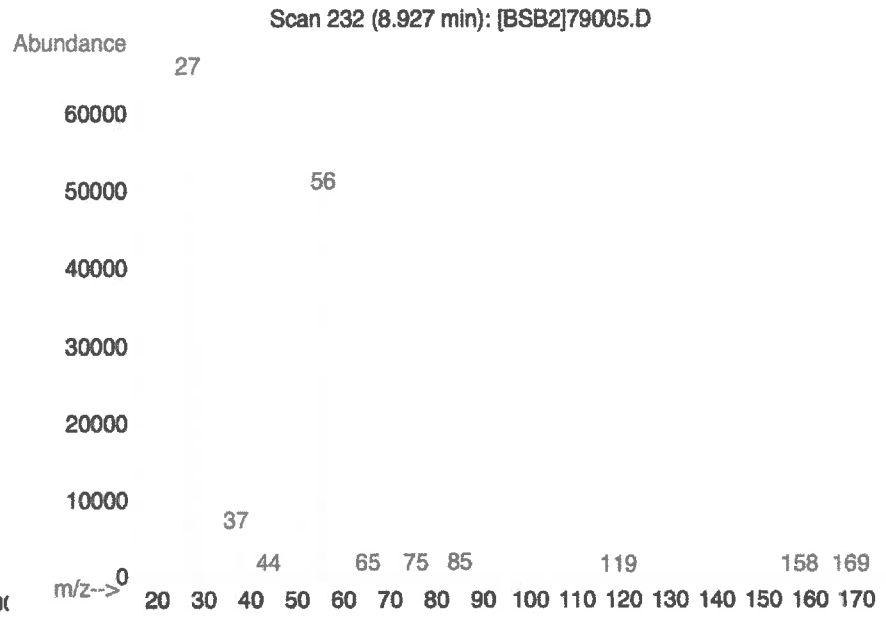
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

	091525
Formulated By: Anthony Mahoney	DATE
	091525
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	0.05176	5009.9	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Certified Reference Material CRM

Rec 09/16/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	91980
Lot Number:	091525
Description:	Acrolein
Expiration Date:	101525
Recommended Storage:	Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

V15064 to V15068

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

	091525
Formulated By: Anthony Mahoney	DATE
	091525
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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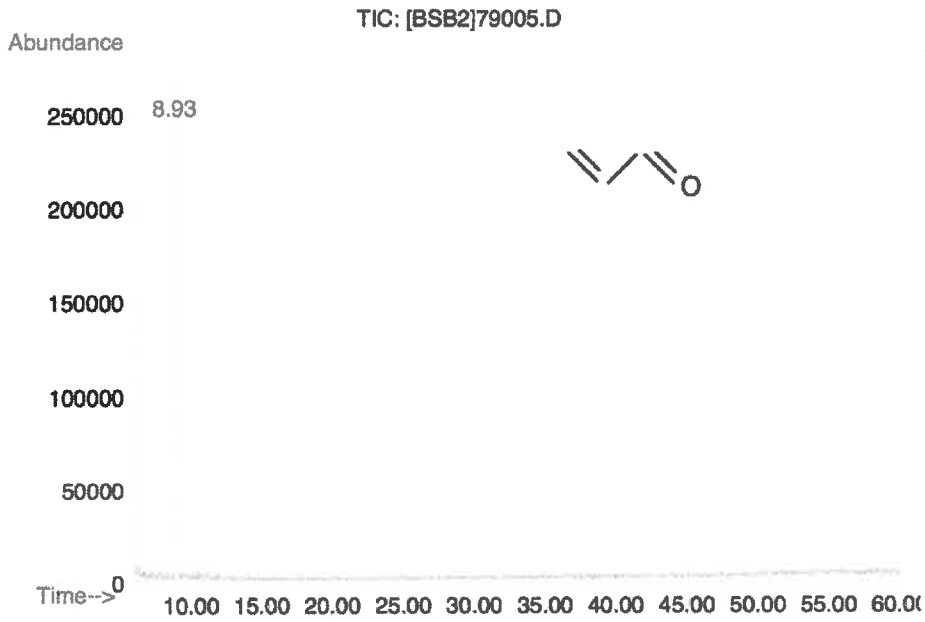

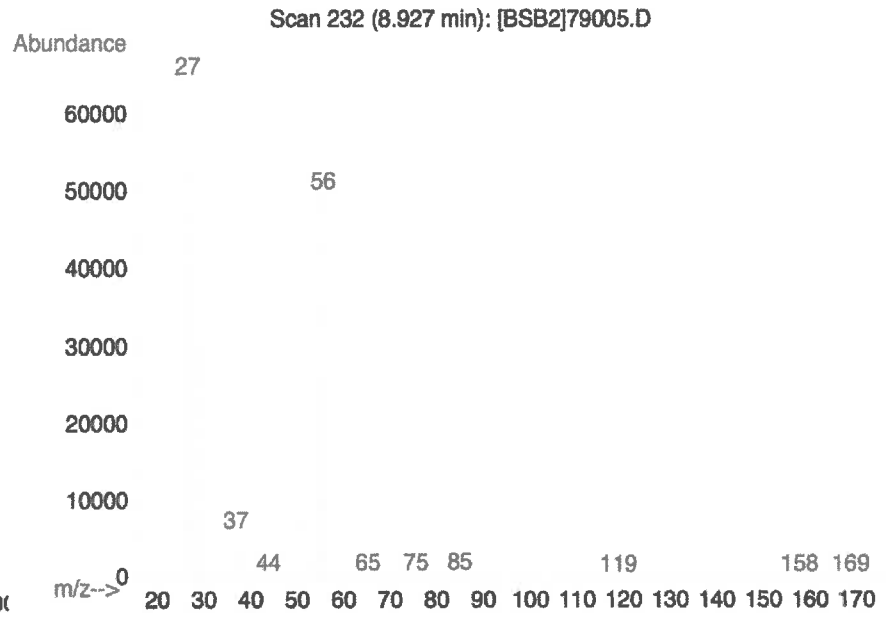

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SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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ALLIANCE PROJECT NO.
QUOTE NO. Q3127
COC Number 2045029 Q3128

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Resolution Consultants
ADDRESS:
CITY STATE: ZIP:
ATTENTION: Eleanor Vivadou
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: NWIRP Bethpage
PROJECT NO.: 60731872 LOCATION: Bethpage, NY
PROJECT MANAGER: Eleanor Vivadou
e-mail: eleanor.vivadou@aecom.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Eleanor Vivadou PO#:
ADDRESS: 27 Ellis Place
CITY Ossining STATE: NY ZIP: 10563
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): standard DAYS*
EDD: standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1: VOCs 8260
2: 1,4 dioxane 8270 SIM
3.
4.
5.
6.
7.
8.
9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (A)	2 (F)	3	4	5	6	7	8	9	COMMENTS
1.	RE135D3-20250915	GW		X	9/15	1435	3	2	1								
2.	RE132D7-20250916	GW		X	9/16	1500	3	2	1								
3.	TT11951-20250916	GW		X	9/16	1510	9	6	3								MS/MSD
4.	TT161D1-20250915	GW		X	9/15	1125	3	2	1								
5.	TB06-20250912	AQ			9/12	N/A	2	2									QA/QC TBs
6.	TB07-20250912	AQ			9/12	N/A	2	2									QA/QC TBs
7.	BPOW1-8-20250917	GW		X	9/17	1200	3	2	1								
8.	BPOW1-7-20250917	GW		X	9/17	1055	3	2	1								
9.																	
10.																	

PRESERVATIVES: A-HCl B-HN03 C-H2SO4 D-NaOH E-ICE F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1. Josh Lawton	9-17-25 1300	1.	9-17-25 1360
2.		2.	
3.	9-17-25 1622	3.	

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8 °C
Comments:

Page 2 of 4

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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ALLIANCE PROJECT NO. Q3129
QUOTE NO.
COC Number 2045031 Q3128

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: Resolution Consultants
ADDRESS:
CITY STATE: ZIP:
ATTENTION: Eleanor Vivadou
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: NWIRP Bethpage
PROJECT NO.: 60731872 LOCATION: Bethpage, NY
PROJECT MANAGER: Eleanor Vivadou
e-mail: eleanor.vivadou@aecom.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Eleanor Vivadou PO#:
ADDRESS: 27 Ellis Place
CITY Ossining STATE: NY ZIP: 10562
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other _____
- ☐ EDD FORMAT _____

ANALYSIS

1: VOCs 8260
2: 522-PREC-140 (1,4-Dioxane)
3: 4: 5: 6: 7: 8: 9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES A (1)	PRESERVATIVES F (2)	3	4	5	6	7	8	9	COMMENTS
								A	F								← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER
1.	BPOW6-1-20250916	GW		X	9/16	1010	12	6	6								MS/MSD
2.	BPOW6-4-20250916	GW		X	9/16	1225	4	2	2								
3.	BPOW6-9-20250916	GW		X	9/16	1145	4	2	2								
4.	BPOW6-3-20250916	GW		X	9/16	1240	4	2	2								
5.	BPOW6-2-20250916	GW		X	9/16	1000	4	2	2								
6.	BPOW6-10-20250916	GW		X	9/16	1310	4	2	2								
7.	BPOW6-11-20250916	GW		X	9/16	1015	4	2	2								
8.	BPOW6-8-20250916	GW		X	9/16	1005	4	2	2								
9.	BPOW6-7-20250917	GW		X	9/17	0950	4	2	2								
10.	BPOW6-6-20250917	GW		X	9/17	1035	4	2	2								

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1. Josh Lowton	9-17-25 1300	1.	9-17-25 1300
2.		2.	
3.	9-17-25 1622	3.	

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8 °C
Comments: E-OTHER: Na2S03/NaHS04

Page 3 of 4

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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ALLIANCE PROJECT NO. / QUOTE NO. Q3129
COC Number 2045030 Q3128

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Resolution Consultants
ADDRESS:
CITY STATE: ZIP:
ATTENTION: Eleanor Vivadou
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: NWIRP Bethpage
PROJECT NO.: 60731872 LOCATION: Bethpage NY
PROJECT MANAGER: Eleanor Vivadou
e-mail: eleanor.vivadou@aecom.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Eleanor Vivadou PO#:
ADDRESS: 27 Ellis Place
CITY Ossining STATE: NY ZIP: 10563
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

ANALYSIS

1: VOCs 8260
2: 522-PFAC-1,4 Dioxane
3:
4:
5:
6:
7:
8:
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								A	F								← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	BPOW6-5-20250917	GW		X	9/17	1040	4	2	2								
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Josh Lawton	9-17-25 1300	1. 9-17-25
2.		2.
3.	9-17-25 1620	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 23 °C
Comments: F-OTHER: NaSO3 / NaHSO4

Page 4 of 4

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3128 AECO15
Client Name : AECOM Technical Services
Client Contact : Eleanor Vivadou
Invoice Name : AECOM Technical Services
Invoice Contact : Eleanor Vivadou

Order Date : 9/17/2025 1:13:00 PM
Project Name : NAVFAC NWIRP Bethpage
Receive DateTime : 9/17/2025 ~~12:00:00 AM~~ 4:22 PM
Purchase Order :

Project Mgr :
Report Type : ~~Results Only~~ NYS ASP B/ DoD
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3128-01	BPOW6-1-20250916	Water	09/16/2025	10:10					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3128-02	Q3128-01MS	Water	09/16/2025	10:10					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3128-03	Q3128-01MSD	Water	09/16/2025	10:10					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3128-04	BPOW6-4-20250916	Water	09/16/2025	12:25					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3128-05	BPOW6-9-20250916	Water	09/16/2025	11:45					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3128-06	BPOW6-3-20250916	Water	09/16/2025	12:40					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3128-07	BPOW6-2-20250916	Water	09/16/2025	10:00					
					VOCMS Group1		8260-Low		10 Bus. Days
Q3128-08	BPOW6-10-20250916	Water	09/16/2025	13:10					

Alliance TECHNICAL
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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		
Q3128-09	BPOW6-11-20250916	Water	09/16/2025	10:15						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q3128-10	BPOW6-8-20250916	Water	09/16/2025	10:05						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q3128-11	BPOW6-7-20250917	Water	09/17/2025	09:50						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q3128-12	BPOW6-6-20250917	Water	09/17/2025	10:35						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q3128-13	BPOW6-~~4~~5-20250917	Water	09/17/2025	10:40						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q3128-14	TB07-20250912	Water	09/12/2025	00:00						
					VOCMS Group1		8260-Low	10 Bus. Days		

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LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinguished By :
Date / Time : 9/18/25 0825

Received By :
Date / Time : 09/18/25 8:45

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICC001

Quant Time: Sep 22 01:44:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.537	168	246348	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.745	114	451502	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	410953	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	201976	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.934	65	41500	10.583	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 21.160%#				
35) Dibromofluoromethane	5.367	113	31188	10.300	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 20.600%#				
50) Toluene-d8	8.628	98	103865	9.913	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 19.820%#				
62) 4-Bromofluorobenzene	11.061	95	47321	11.900	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 23.800%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	2201	0.863	ug/l		96
3) Chloromethane	1.300	50	3006	0.897	ug/l	#	82
4) Vinyl Chloride	1.386	62	2818	0.859	ug/l		95
5) Bromomethane	1.624	94	2304	1.107	ug/l		99
6) Chloroethane	1.697	64	2134	0.973	ug/l		95
7) Trichlorofluoromethane	1.898	101	4261	0.874	ug/l		88
8) Diethyl Ether	2.130	74	1831	0.919	ug/l		98
9) 1,1,2-Trichlorotrifluo...	2.337	101	2555	0.897	ug/l		93
10) Methyl Iodide	2.459	142	3509	0.790	ug/l	#	86
11) Tert butyl alcohol	2.934	59	1850	4.236	ug/l	#	72
12) 1,1-Dichloroethene	2.325	96	2594	0.886	ug/l	#	80
13) Acrolein	2.239	56	1440	3.578	ug/l	#	65
14) Allyl chloride	2.666	41	5885	0.974	ug/l		94
15) Acrylonitrile	3.062	53	6500	4.018	ug/l		97
16) Acetone	2.380	43	8444	4.953	ug/l		99
17) Carbon Disulfide	2.520	76	7662	0.956	ug/l	#	91
18) Methyl Acetate	2.703	43	3013	0.794	ug/l		98
19) Methyl tert-butyl Ether	3.111	73	9281	0.869	ug/l	#	89
20) Methylene Chloride	2.788	84	3540	0.981	ug/l		93
21) trans-1,2-Dichloroethene	3.099	96	2676	0.849	ug/l		95
22) Diisopropyl ether	3.751	45	9738	0.832	ug/l	#	87
23) Vinyl Acetate	3.715	43	37962	4.052	ug/l		97
24) 1,1-Dichloroethane	3.611	63	5372	0.863	ug/l		95
25) 2-Butanone	4.550	43	9105	4.281	ug/l	#	83
26) 2,2-Dichloropropane	4.477	77	4657	0.901	ug/l		77
27) cis-1,2-Dichloroethene	4.477	96	3440	0.891	ug/l		96
28) Bromochloromethane	4.879	49	2251	0.829	ug/l	#	93
29) Tetrahydrofuran	4.995	42	5210	4.072	ug/l		98
30) Chloroform	5.074	83	5093	0.810	ug/l		86
31) Cyclohexane	5.458	56	4668	0.901	ug/l		90
32) 1,1,1-Trichloroethane	5.373	97	4439	0.832	ug/l	#	47
36) 1,1-Dichloropropene	5.672	75	4373	0.988	ug/l	#	69
37) Ethyl Acetate	4.702	43	3873	0.818	ug/l	#	91
38) Carbon Tetrachloride	5.659	117	4349	0.905	ug/l		95
39) Methylcyclohexane	7.360	83	4428	0.882	ug/l		94
40) Benzene	6.025	78	12012	0.894	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Sep 22 01:44:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	2128	0.870	ug/l	#	63
42) 1,2-Dichloroethane	6.062	62	4634	0.906	ug/l		80
43) Isopropyl Acetate	6.318	43	6784	0.873	ug/l		94
44) Trichloroethene	7.110	130	2677	0.824	ug/l		78
45) 1,2-Dichloropropane	7.415	63	2945	0.856	ug/l		100
46) Dibromomethane	7.574	93	2240	0.895	ug/l		94
47) Bromodichloromethane	7.805	83	4167	0.806	ug/l	#	92
48) Methyl methacrylate	7.683	41	3355	0.867	ug/l	#	87
49) 1,4-Dioxane	7.653	88	404	10.329	ug/l	#	52
51) 4-Methyl-2-Pentanone	8.555	43	17596	4.085	ug/l		95
52) Toluene	8.708	92	7595	0.917	ug/l		92
53) t-1,3-Dichloropropene	8.964	75	4398	0.834	ug/l	#	82
54) cis-1,3-Dichloropropene	8.354	75	4635	0.823	ug/l	#	76
55) 1,1,2-Trichloroethane	9.134	97	2918	0.914	ug/l		95
56) Ethyl methacrylate	9.104	69	3679	0.734	ug/l	#	84
57) 1,3-Dichloropropane	9.293	76	4580	0.835	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	4222	9.665	ug/l		99
59) 2-Hexanone	9.415	43	12385	4.003	ug/l		98
60) Dibromochloromethane	9.506	129	2903	0.789	ug/l		87
61) 1,2-Dibromoethane	9.592	107	2596	0.798	ug/l		96
64) Tetrachloroethene	9.256	164	2457	0.917	ug/l		83
65) Chlorobenzene	10.061	112	8202	0.879	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.140	131	2684	0.833	ug/l	#	66
67) Ethyl Benzene	10.177	91	13360	0.829	ug/l		98
68) m/p-Xylenes	10.287	106	9922	1.655	ug/l		99
69) o-Xylene	10.622	106	4734	0.816	ug/l		94
70) Styrene	10.640	104	8377	0.824	ug/l		96
71) Bromoform	10.787	173	1816	0.755	ug/l	#	94
73) Isopropylbenzene	10.945	105	12618	0.822	ug/l		96
74) N-amyl acetate	10.829	43	5159	0.737	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	3900	0.839	ug/l		96
76) 1,2,3-Trichloropropane	11.225	75	4568	1.117	ug/l		80
77) Bromobenzene	11.183	156	3069	0.811	ug/l		98
78) n-propylbenzene	11.286	91	14866	0.819	ug/l		99
79) 2-Chlorotoluene	11.347	91	9195	0.827	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	9929	0.787	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.006	75	960	0.599	ug/l	#	95
82) 4-Chlorotoluene	11.439	91	11123	0.847	ug/l		95
83) tert-Butylbenzene	11.695	119	11311	0.876	ug/l		97
84) 1,2,4-Trimethylbenzene	11.731	105	10187	0.796	ug/l		100
85) sec-Butylbenzene	11.872	105	12561	0.819	ug/l		99
86) p-Isopropyltoluene	11.994	119	10744	0.827	ug/l		92
87) 1,3-Dichlorobenzene	11.951	146	5907	0.841	ug/l		98
88) 1,4-Dichlorobenzene	11.951	146	5907	0.819	ug/l		98
89) n-Butylbenzene	12.317	91	9811	0.816	ug/l		97
90) Hexachloroethane	12.524	117	1752	0.768	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	5491	0.820	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	698	0.742	ug/l		93
93) 1,2,4-Trichlorobenzene	13.567	180	3358	0.772	ug/l		95
94) Hexachlorobutadiene	13.707	225	1378	0.933	ug/l		93
95) Naphthalene	13.756	128	10112	0.763	ug/l		98
96) 1,2,3-Trichlorobenzene	13.944	180	3043	0.752	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Sep 22 01:44:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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)

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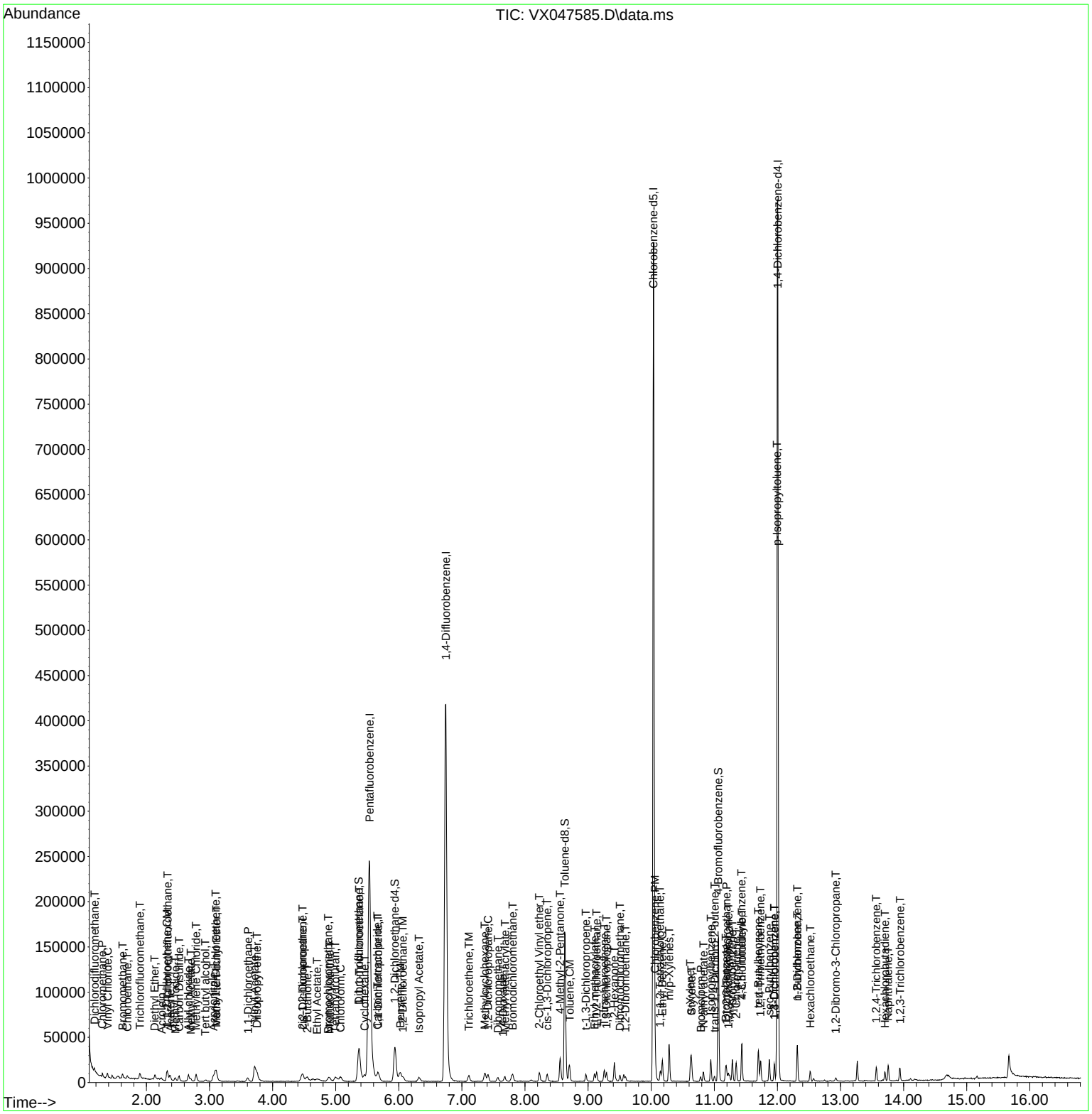
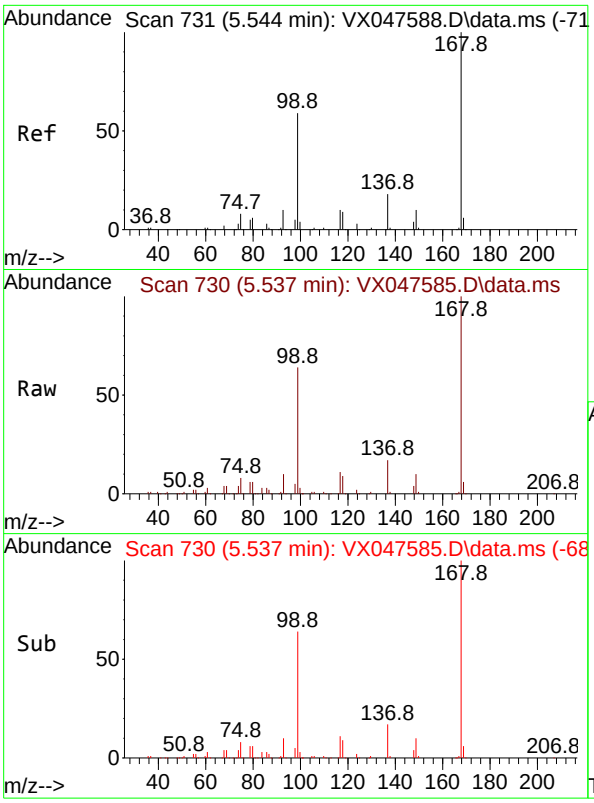
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Sep 22 01:44:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



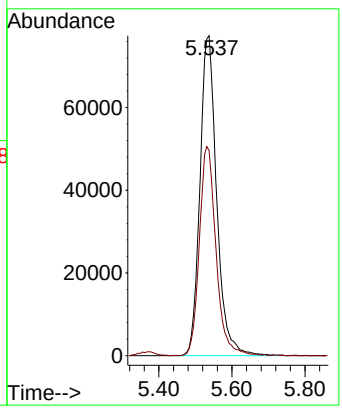


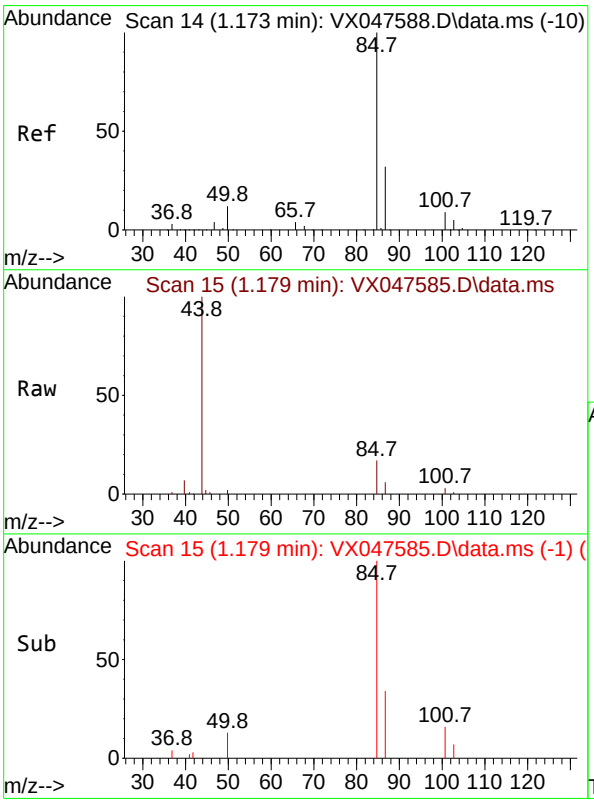
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:168 Resp: 246348

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2

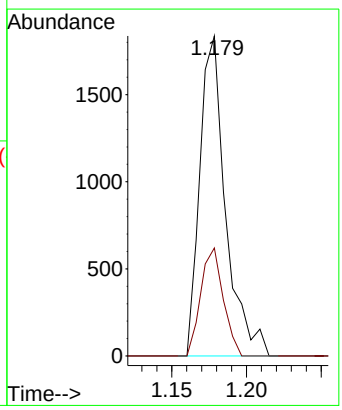


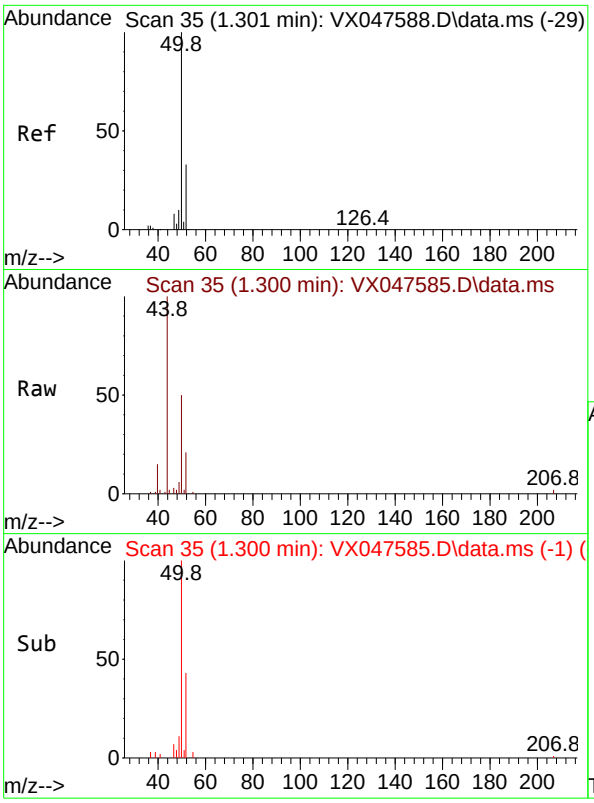


#2
Dichlorodifluoromethane
Concen: 0.863 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 85 Resp: 2201

Ion	Ratio	Lower	Upper
85	100		
87	33.8	15.8	47.3



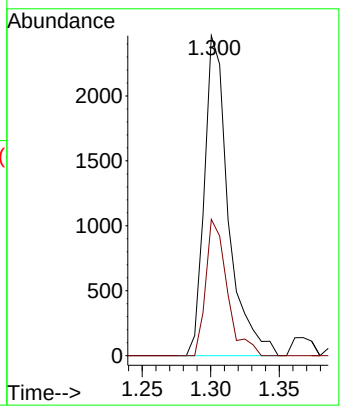


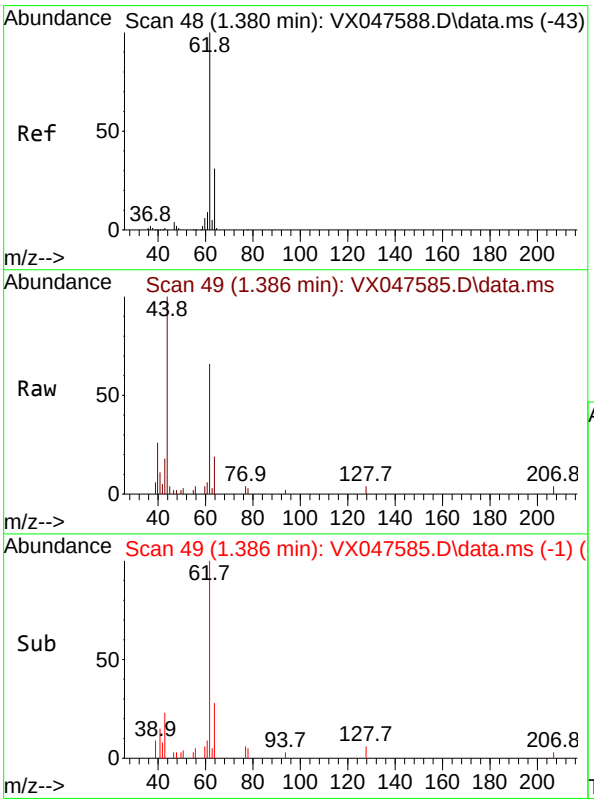
#3
Chloromethane
Concen: 0.897 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 3006

Ion	Ratio	Lower	Upper
50	100		
52	42.6	26.1	39.1#

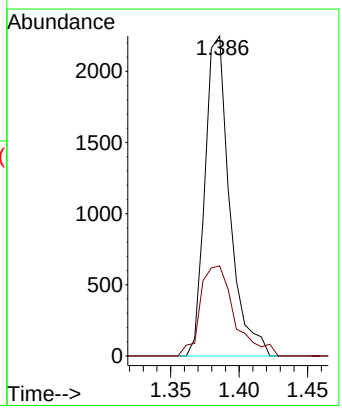


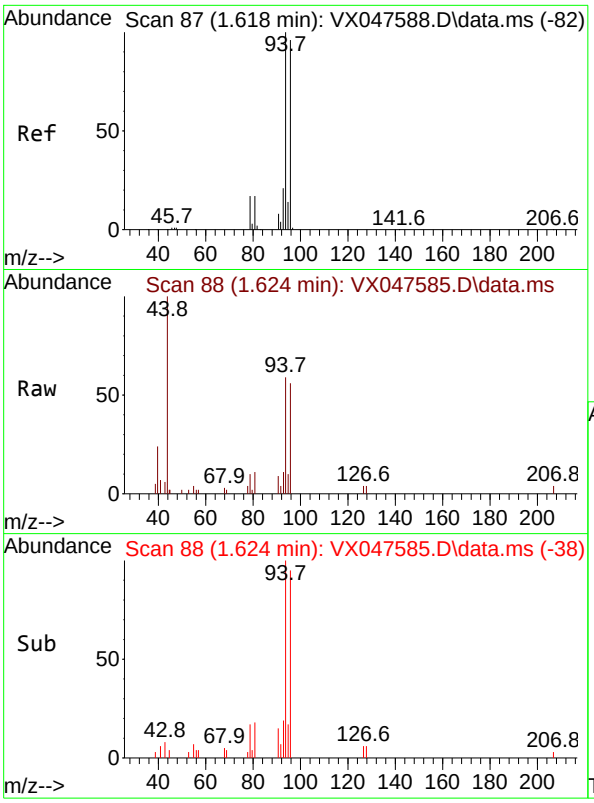


#4
Vinyl Chloride
Concen: 0.859 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 2818

Ion	Ratio	Lower	Upper
62	100		
64	28.2	24.9	37.3



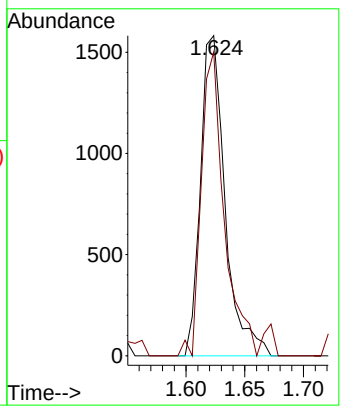


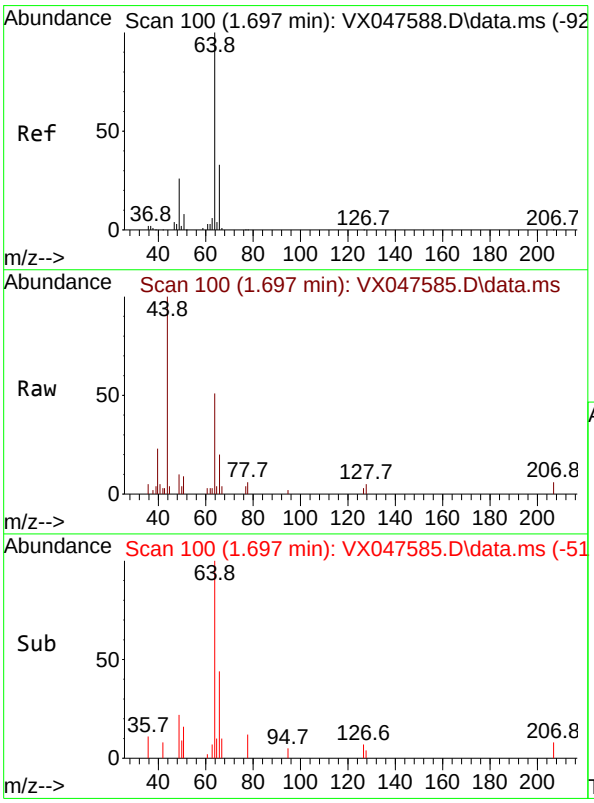
#5
Bromomethane
Concen: 1.107 ug/l
RT: 1.624 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 2304

Ion	Ratio	Lower	Upper
94	100		
96	94.9	76.6	115.0

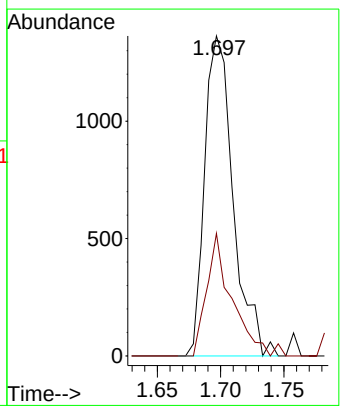


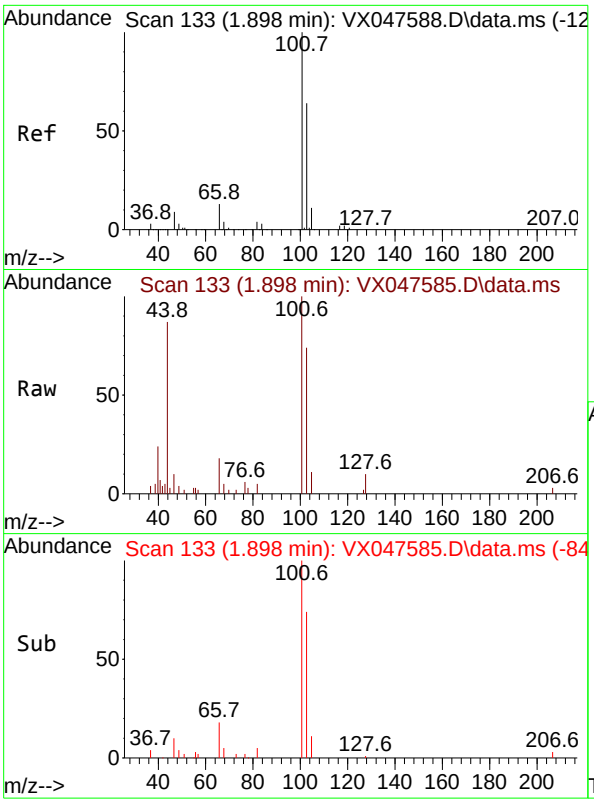


#6
Chloroethane
Concen: 0.973 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 64 Resp: 2134

Ion	Ratio	Lower	Upper
64	100		
66	35.4	26.1	39.1



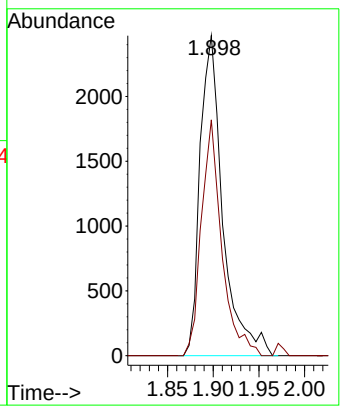


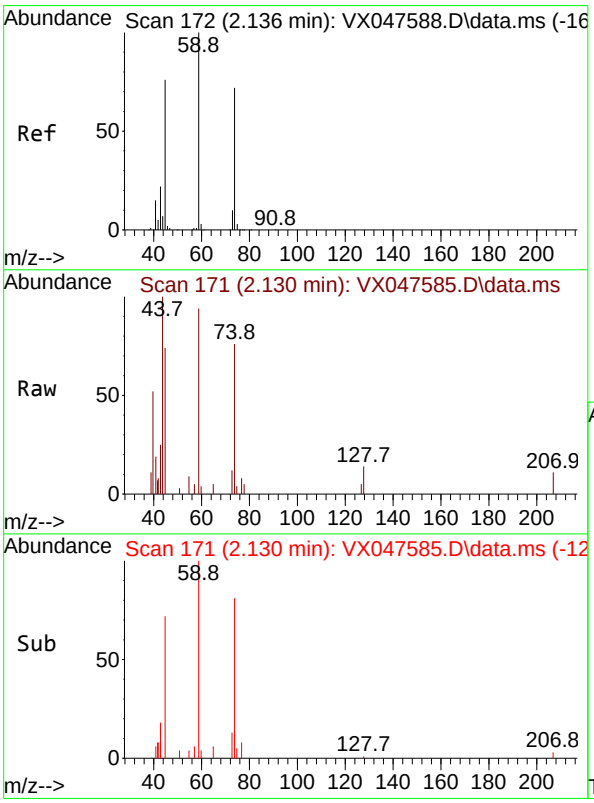
#7
Trichlorofluoromethane
Concen: 0.874 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 4261

Ion	Ratio	Lower	Upper
101	100		
103	73.7	51.4	77.2

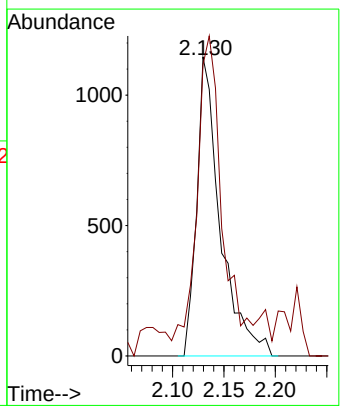


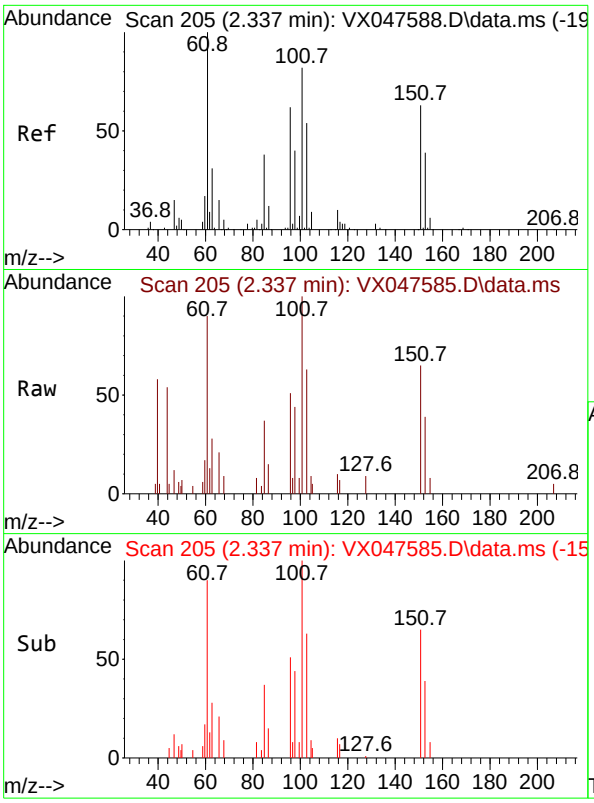


#8
Diethyl Ether
Concen: 0.919 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 74 Resp: 1831

Ion	Ratio	Lower	Upper
74	100		
45	102.2	52.3	156.8



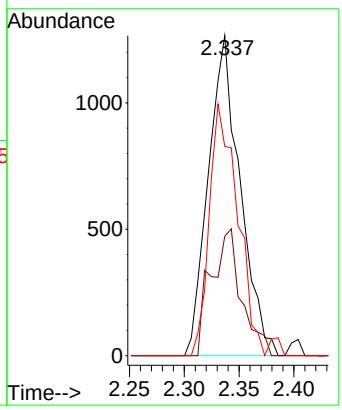


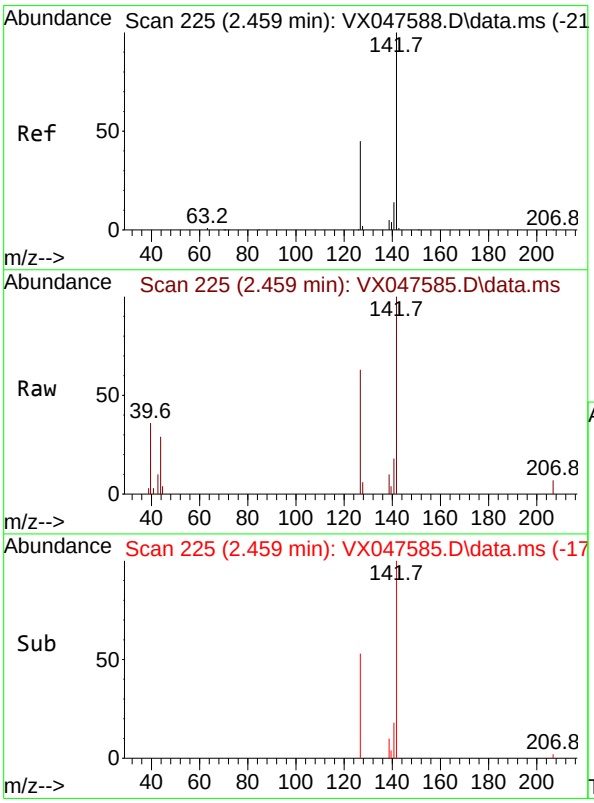
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.897 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 2555

Ion	Ratio	Lower	Upper
101	100		
85	37.8	35.5	53.3
151	69.9	59.4	89.0

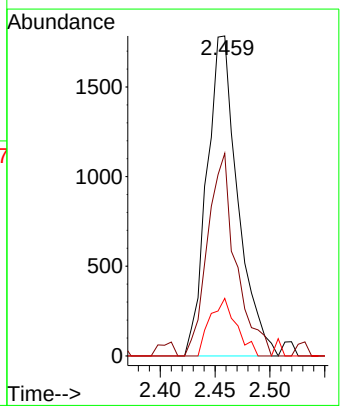


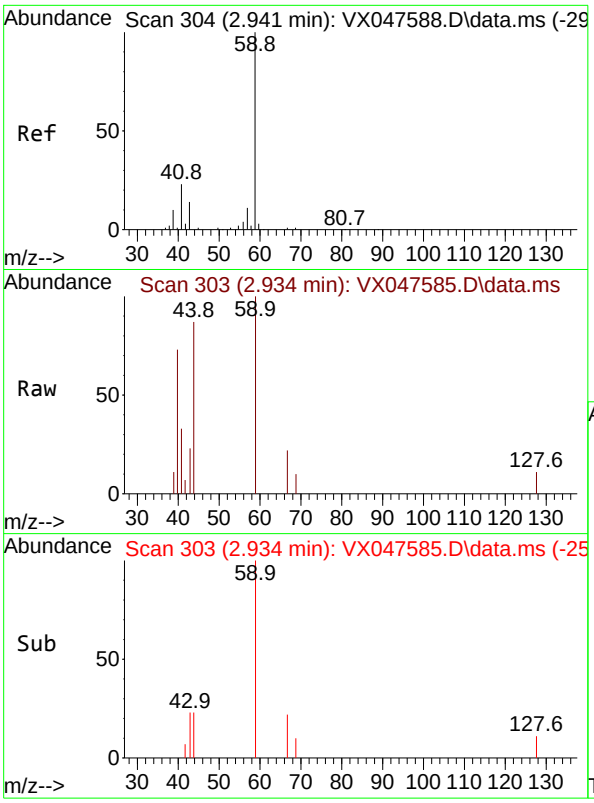


#10
Methyl Iodide
Concen: 0.790 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:142 Resp: 3509

Ion	Ratio	Lower	Upper
142	100		
127	57.7	37.2	55.8#
141	15.3	11.4	17.0



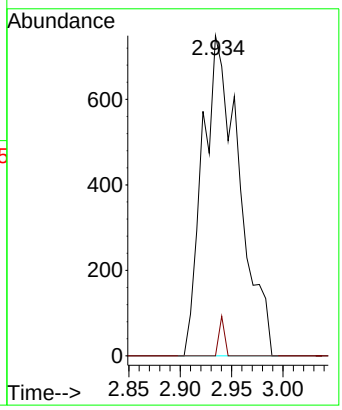


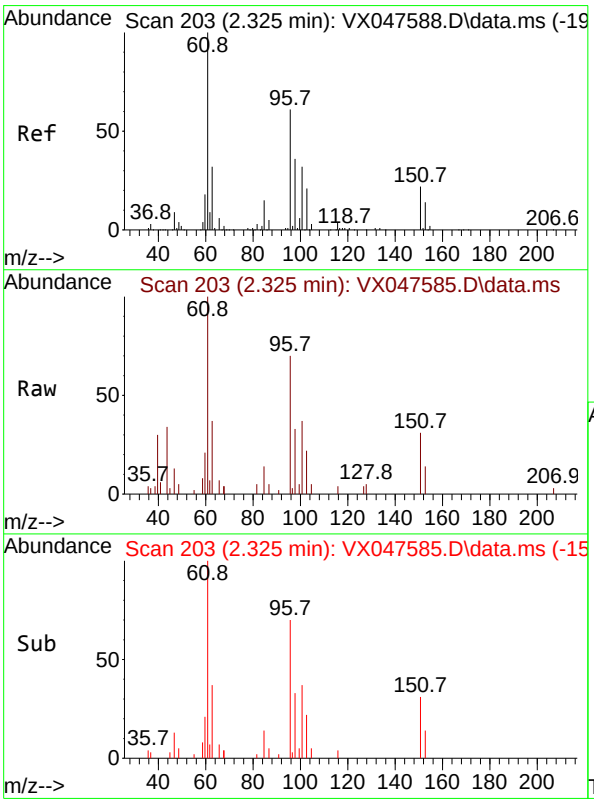
#11
Tert butyl alcohol
Concen: 4.236 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 1850

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

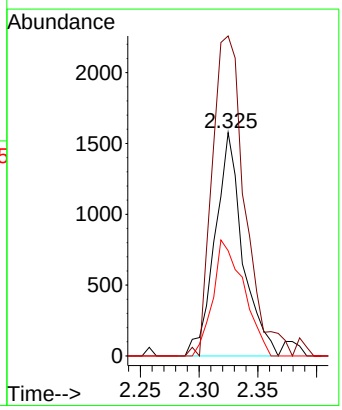


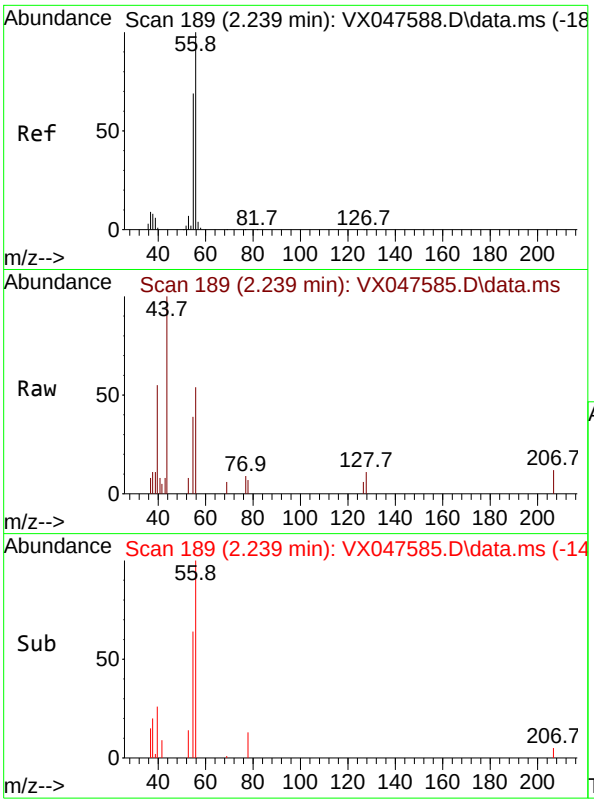


#12
1,1-Dichloroethene
Concen: 0.886 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 96 Resp: 2594

Ion	Ratio	Lower	Upper
96	100		
61	137.3	131.0	196.6
98	45.2	47.7	71.5#



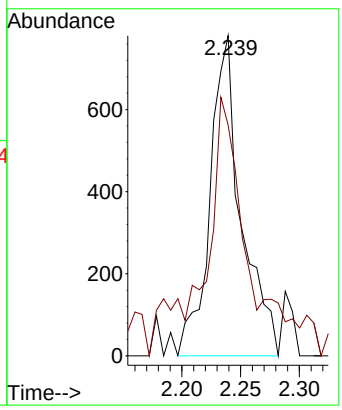


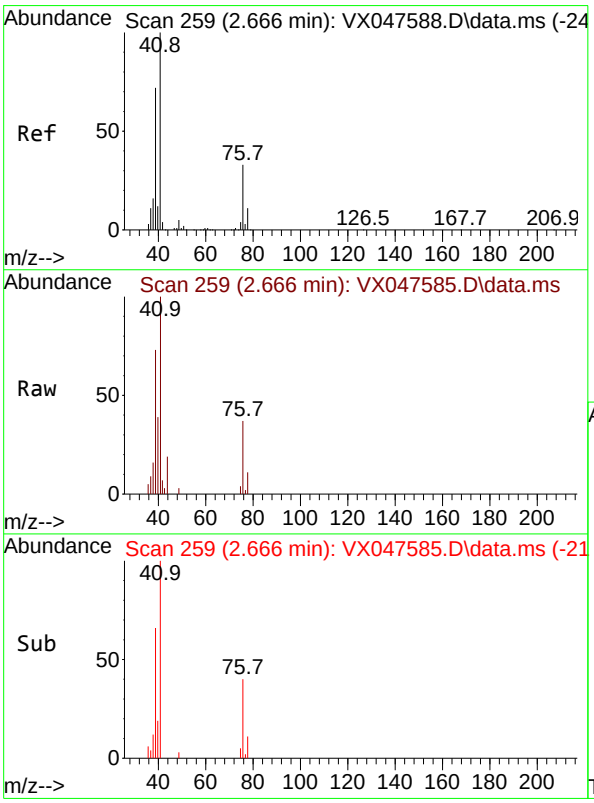
#13
Acrolein
Concen: 3.578 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 1440

Ion	Ratio	Lower	Upper
56	100		
55	100.3	57.2	85.8#

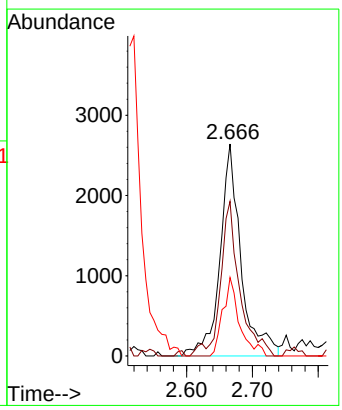


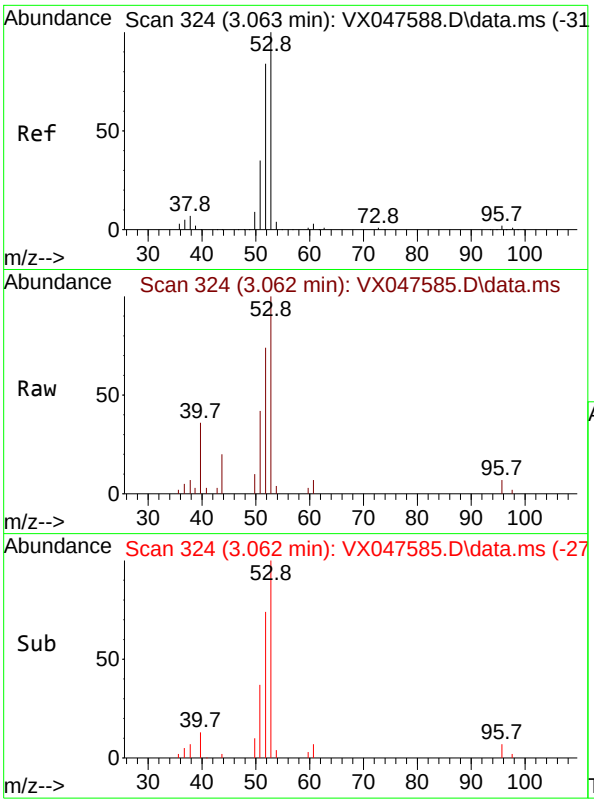


#14
Allyl chloride
Concen: 0.974 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 5885

Ion	Ratio	Lower	Upper
41	100		
39	63.3	54.7	82.1
76	29.3	25.7	38.5



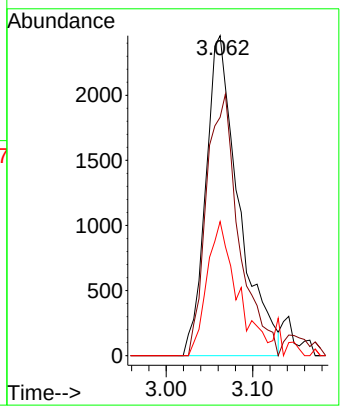


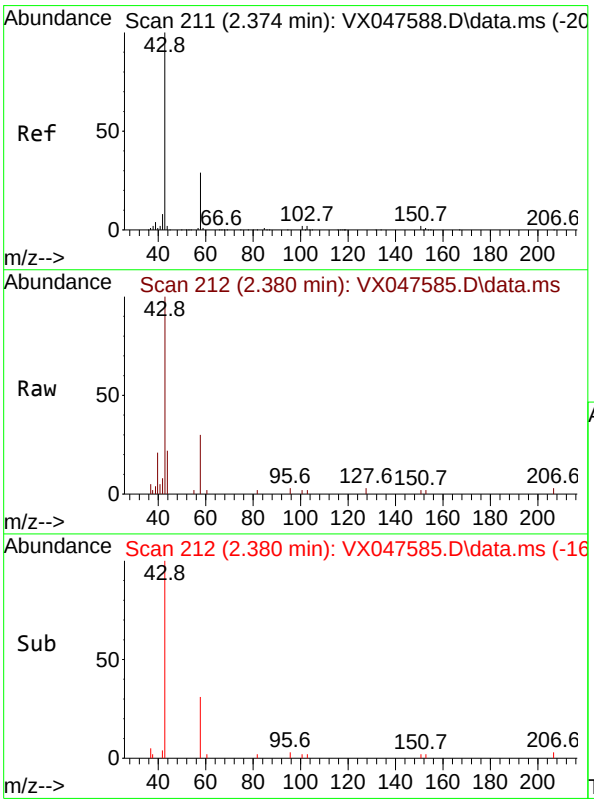
#15
Acrylonitrile
Concen: 4.018 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 6500

Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.4	99.6
51	38.7	29.5	44.3

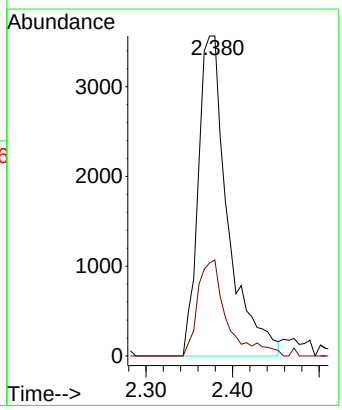


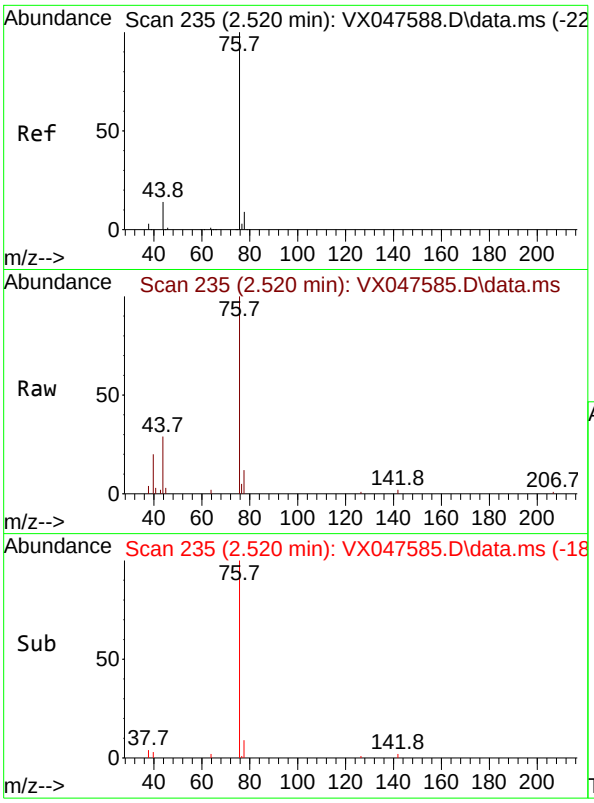


#16
Acetone
Concen: 4.953 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 8444

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0



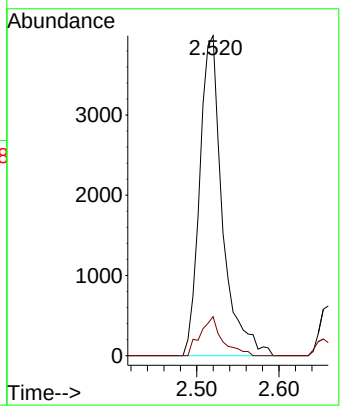


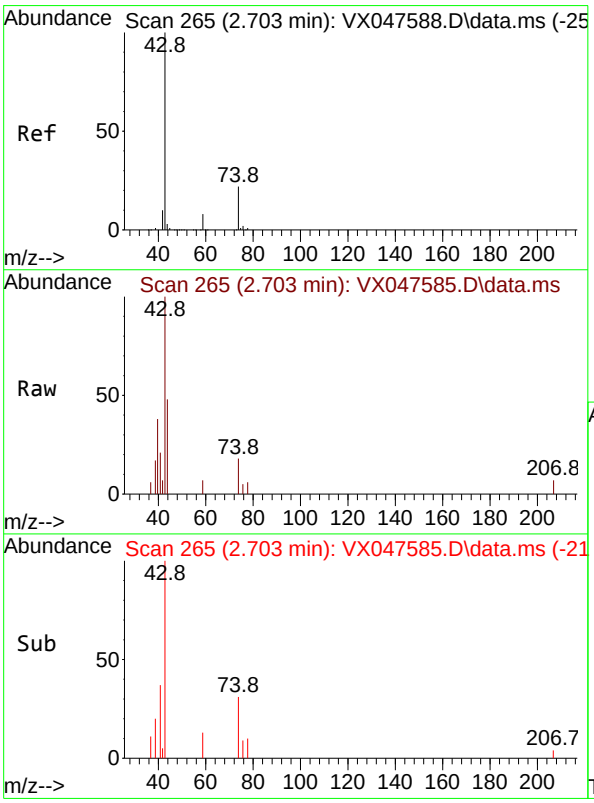
#17
Carbon Disulfide
Concen: 0.956 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 7662

Ion	Ratio	Lower	Upper
76	100		
78	11.6	6.8	10.2#

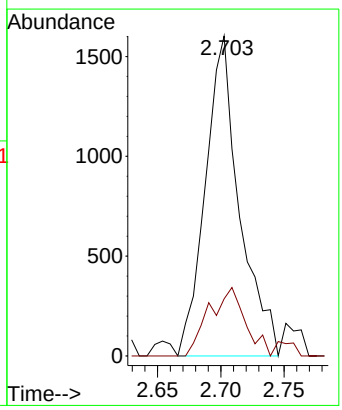


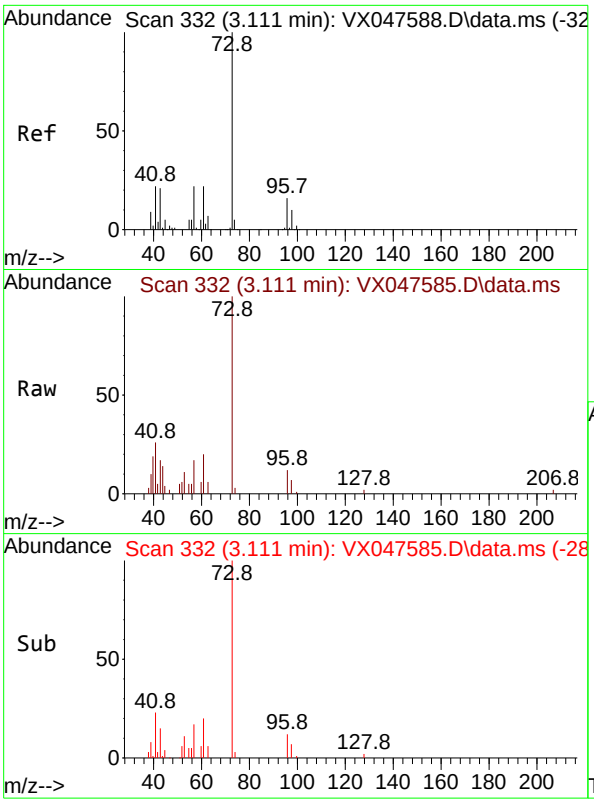


#18
Methyl Acetate
Concen: 0.794 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 3013

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2



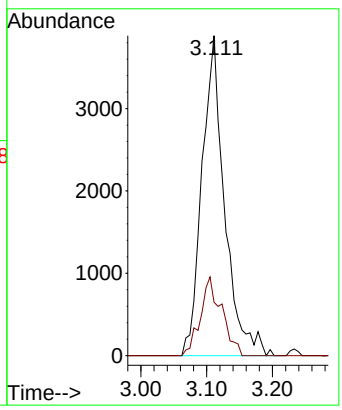


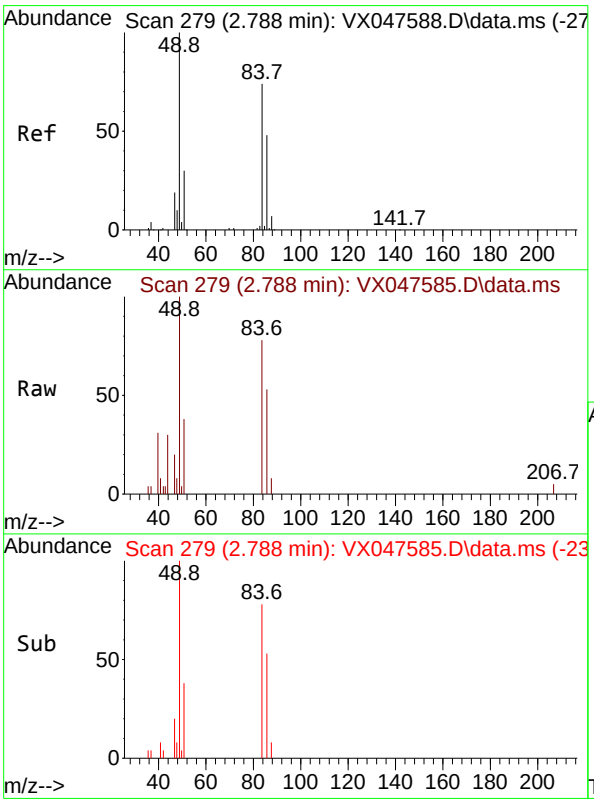
#19
Methyl tert-butyl Ether
Concen: 0.869 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 9281

Ion	Ratio	Lower	Upper
73	100		
57	16.7	17.4	26.2#

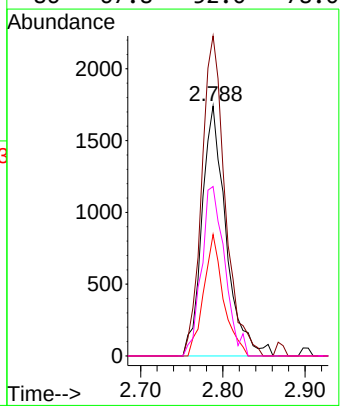


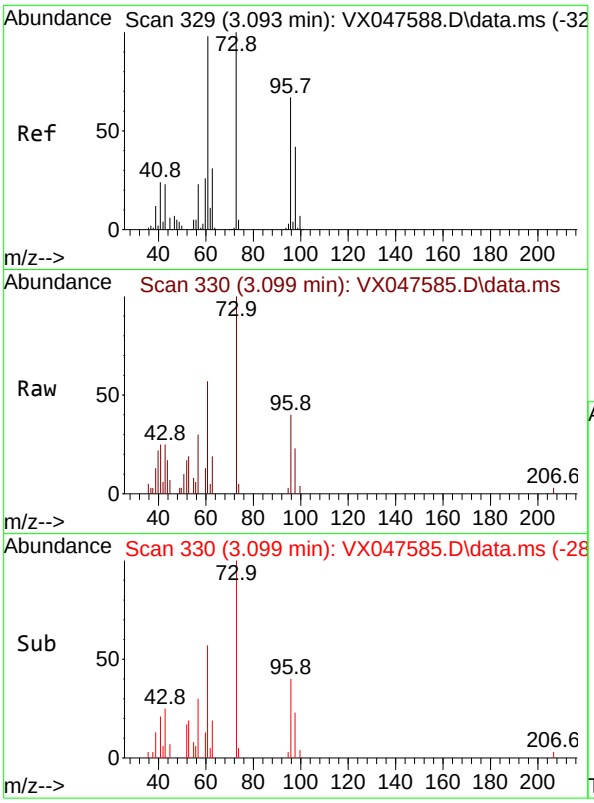


#20
Methylene Chloride
Concen: 0.981 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 84 Resp: 3540

Ion	Ratio	Lower	Upper
84	100		
49	128.0	108.6	162.8
51	48.6	32.6	48.8
86	67.8	52.0	78.0



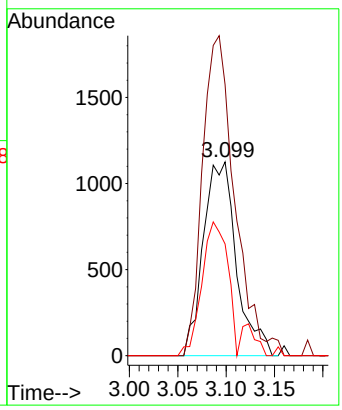


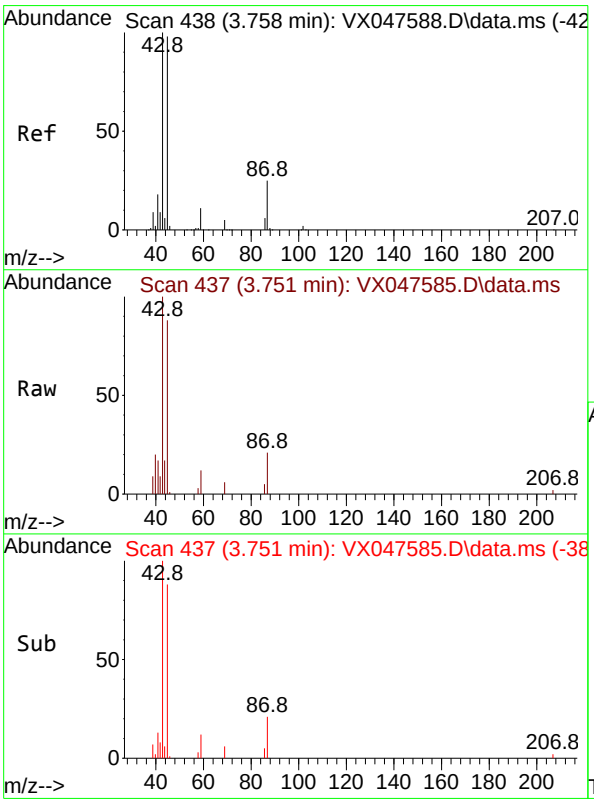
#21
trans-1,2-Dichloroethene
Concen: 0.849 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 2676

Ion	Ratio	Lower	Upper
96	100		
61	139.9	116.2	174.2
98	57.6	49.3	73.9

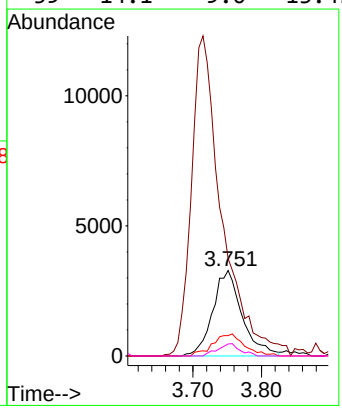


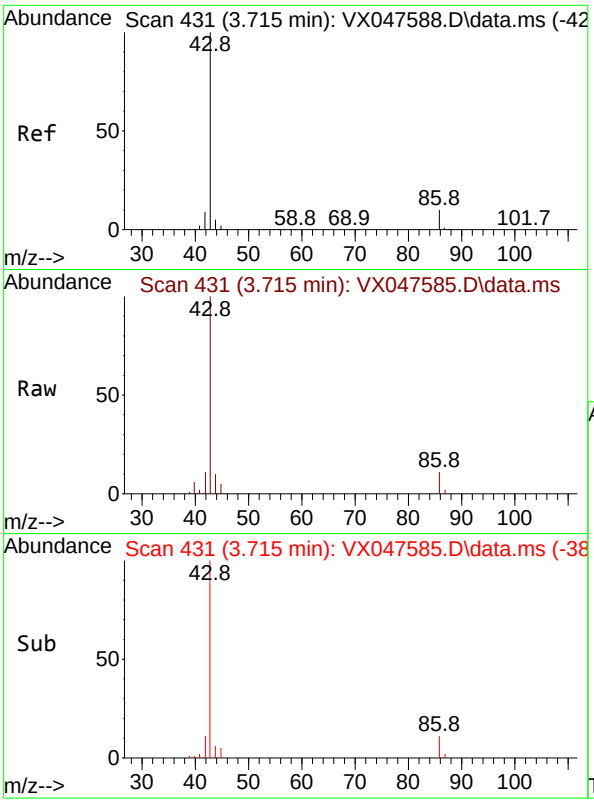


#22
Diisopropyl ether
Concen: 0.832 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 45 Resp: 9738

Ion	Ratio	Lower	Upper
45	100		
43	117.9	81.0	121.4
87	23.7	20.3	30.5
59	14.1	9.0	13.4#



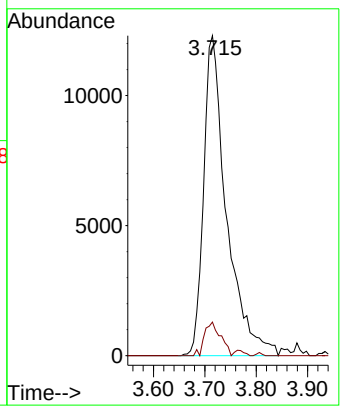


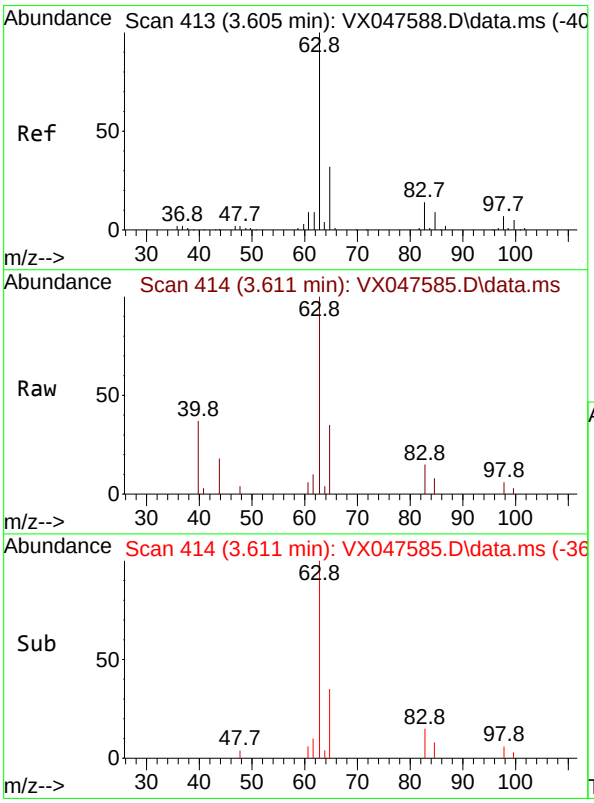
#23
Vinyl Acetate
Concen: 4.052 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 37962

Ion	Ratio	Lower	Upper
43	100		
86	10.9	7.8	11.8

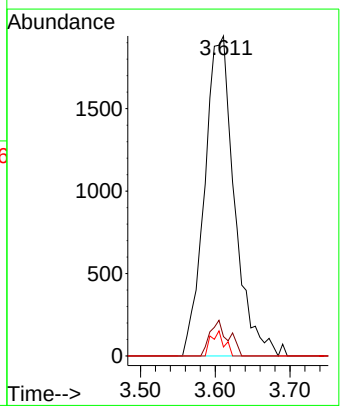


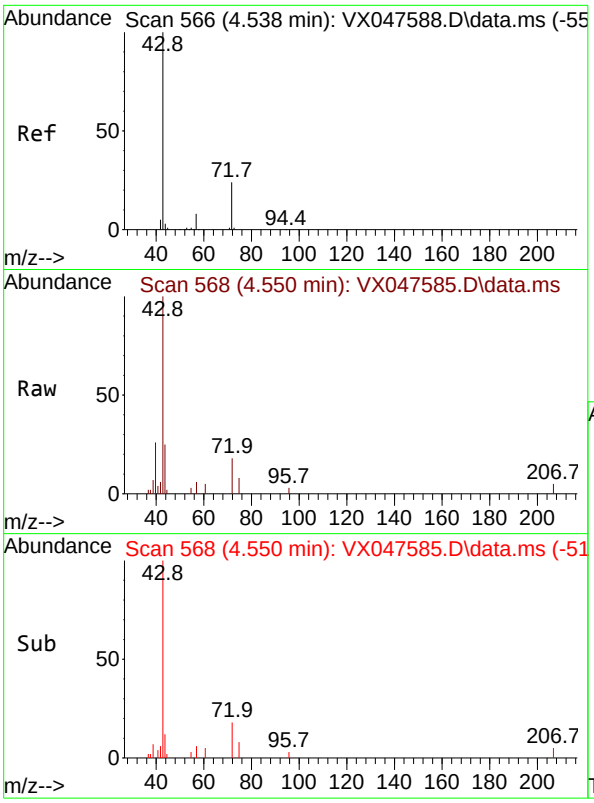


#24
1,1-Dichloroethane
Concen: 0.863 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 5372

Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.8	11.2
100	2.8	2.3	6.9



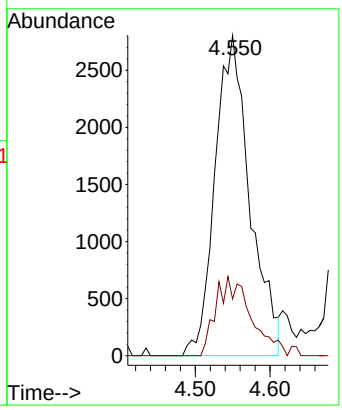


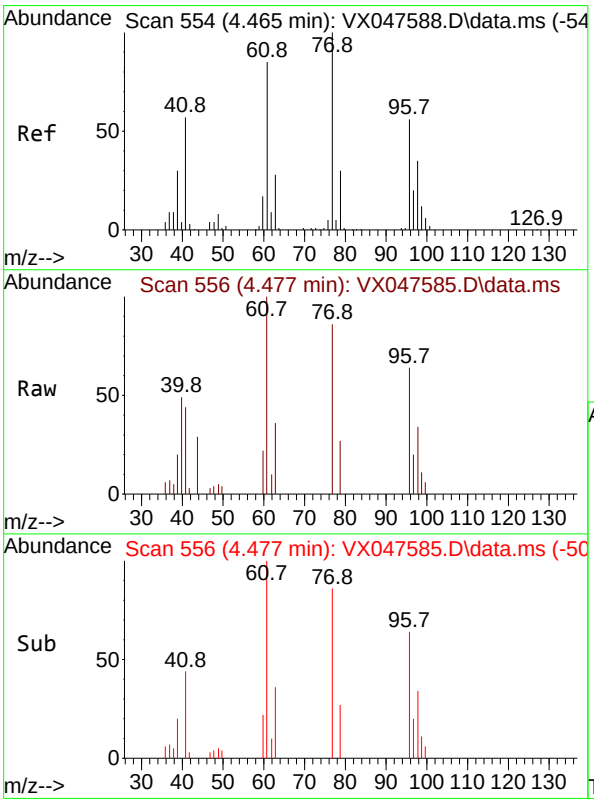
#25
2-Butanone
Concen: 4.281 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 9105

Ion	Ratio	Lower	Upper
43	100		
72	16.3	20.1	30.1#

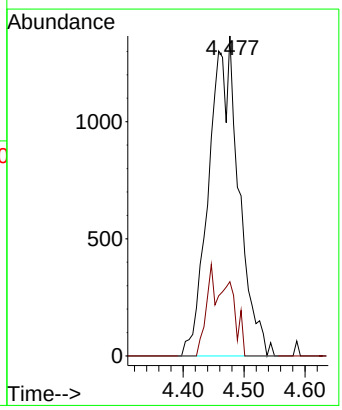


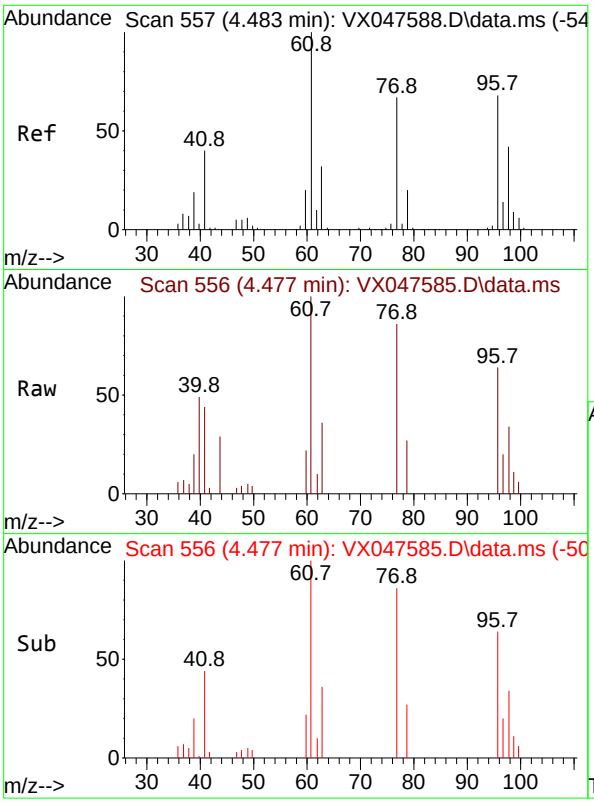


#26
2,2-Dichloropropane
Concen: 0.901 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 77 Resp: 4657

Ion	Ratio	Lower	Upper
77	100		
97	11.0	10.9	32.7



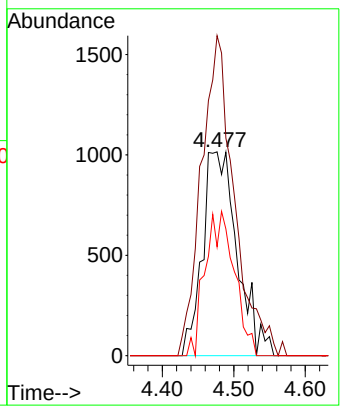


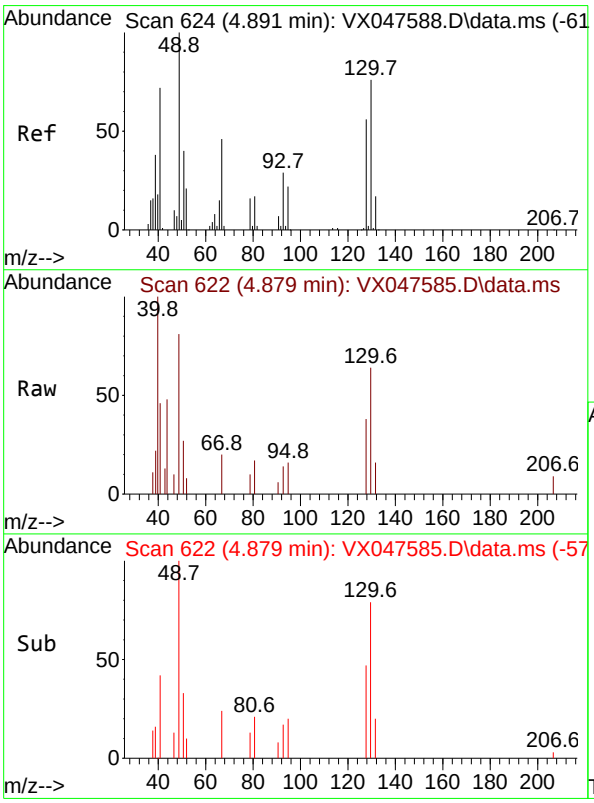
#27
cis-1,2-Dichloroethene
Concen: 0.891 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 3440

Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	303.2
98	59.4	0.0	127.8

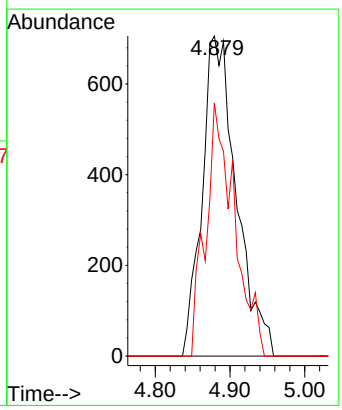


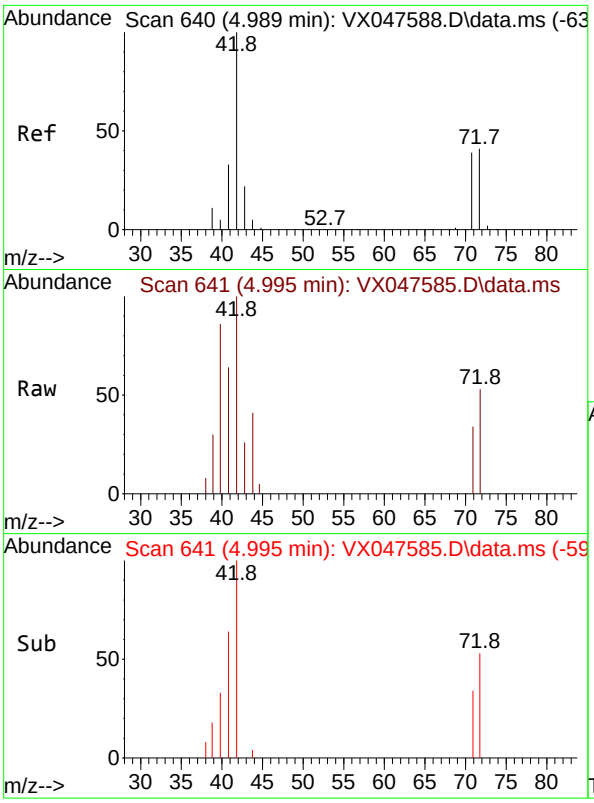


#28
Bromochloromethane
Concen: 0.829 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 49 Resp: 2251

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.2
130	66.2	57.8	86.8



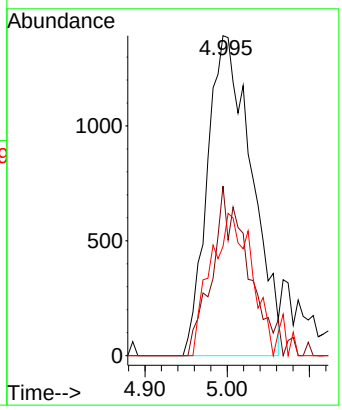


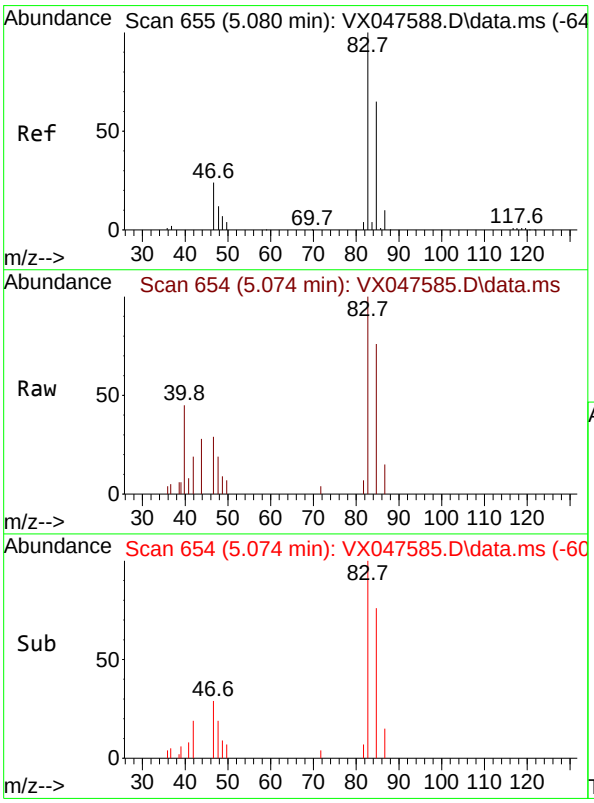
#29
Tetrahydrofuran
Concen: 4.072 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 5210

Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.2	51.2
71	41.3	31.9	47.9

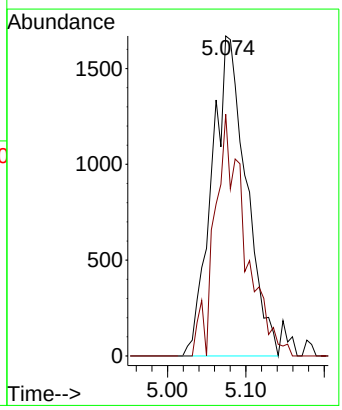


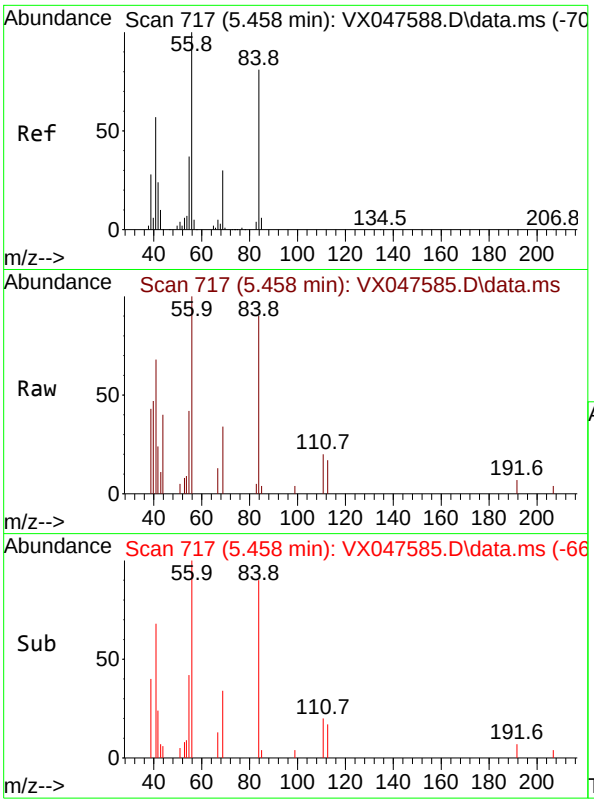


#30
Chloroform
Concen: 0.810 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 5093

Ion	Ratio	Lower	Upper
83	100		
85	75.6	51.8	77.6



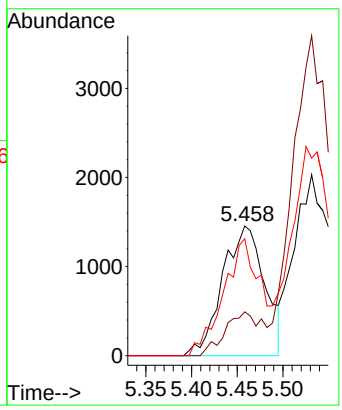


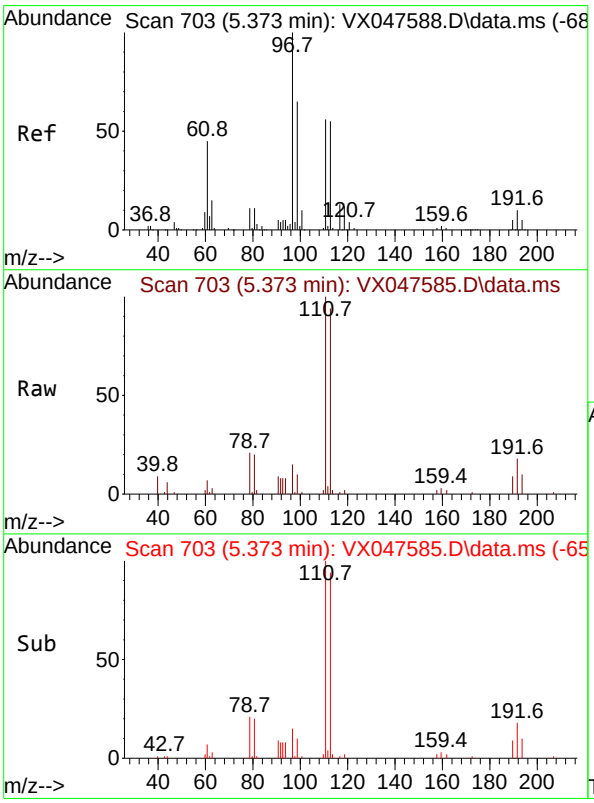
#31
Cyclohexane
Concen: 0.901 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 4668

Ion	Ratio	Lower	Upper
56	100		
69	33.8	23.8	35.8
84	90.0	64.6	97.0

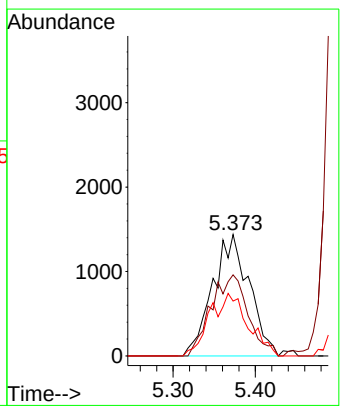


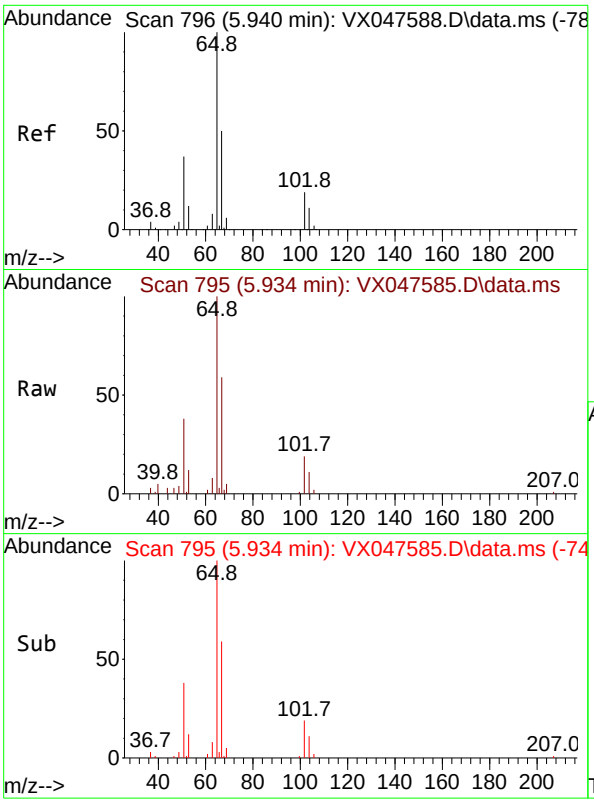


#32
1,1,1-Trichloroethane
Concen: 0.832 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 97 Resp: 4439

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0#
61	36.2	35.8	53.8



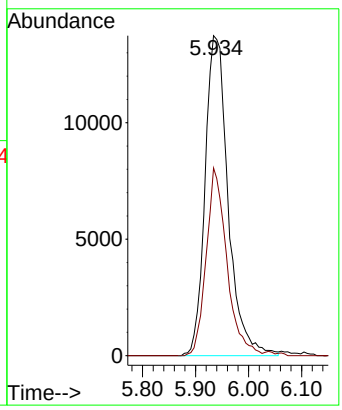


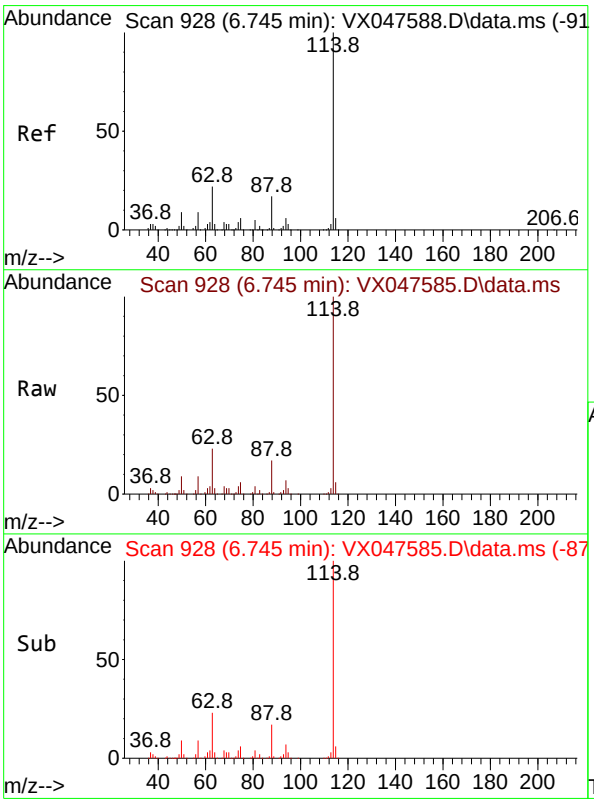
#33
1,2-Dichloroethane-d4
Concen: 10.583 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 65 Resp: 41500

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.0

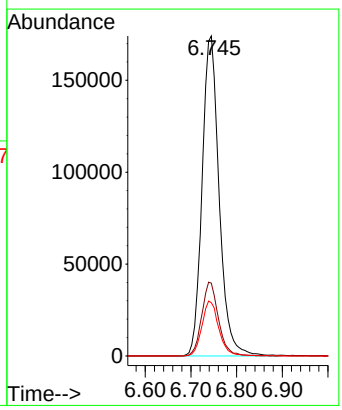


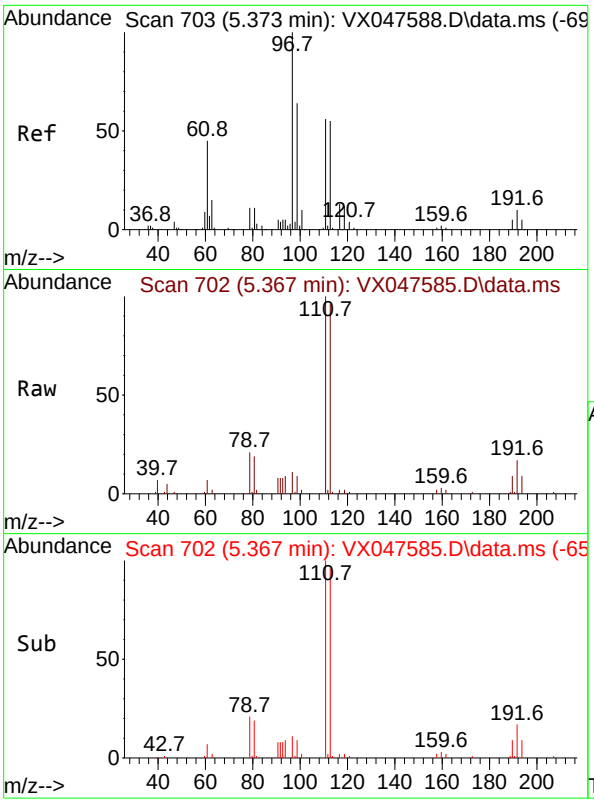


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:114 Resp: 451502

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	16.6	0.0	34.2



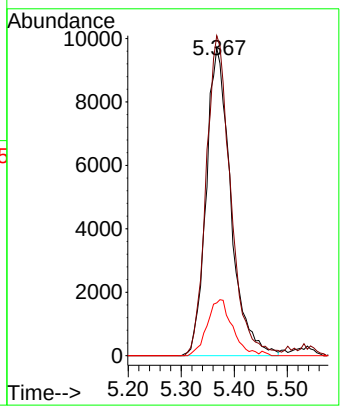


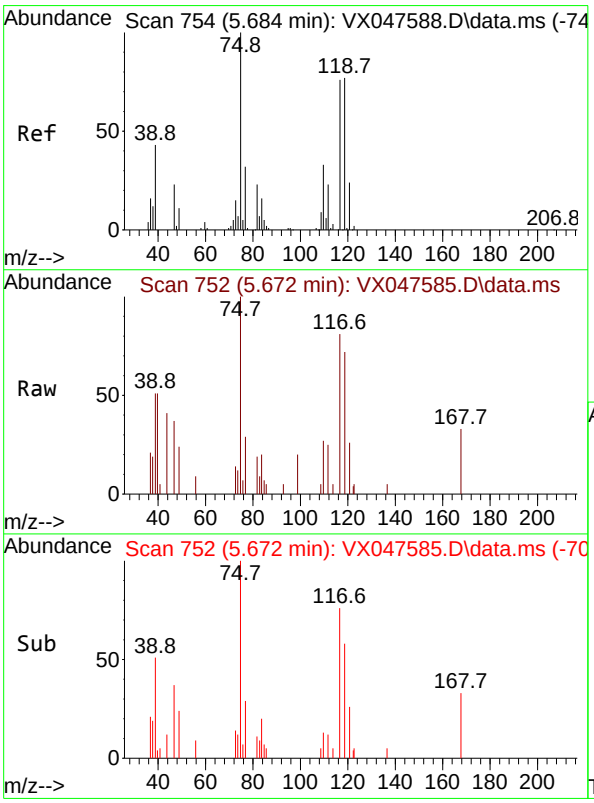
#35
Dibromofluoromethane
Concen: 10.300 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:113 Resp: 31188

Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.9	121.3
192	18.6	14.2	21.4

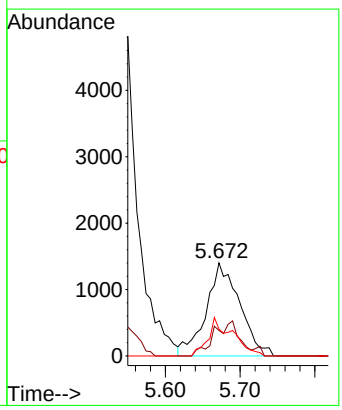


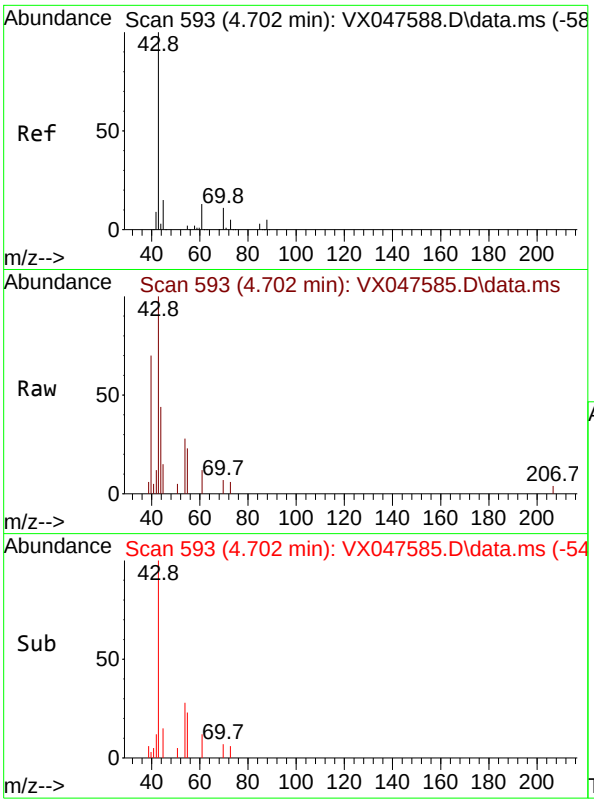


#36
1,1-Dichloropropene
Concen: 0.988 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4373

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.7	50.1#
77	30.0	24.3	36.5



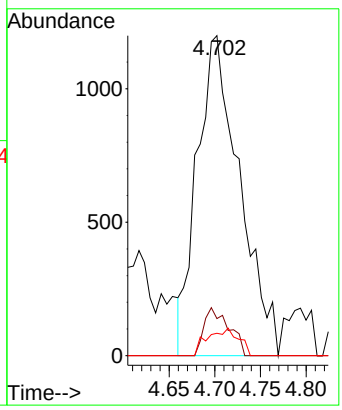


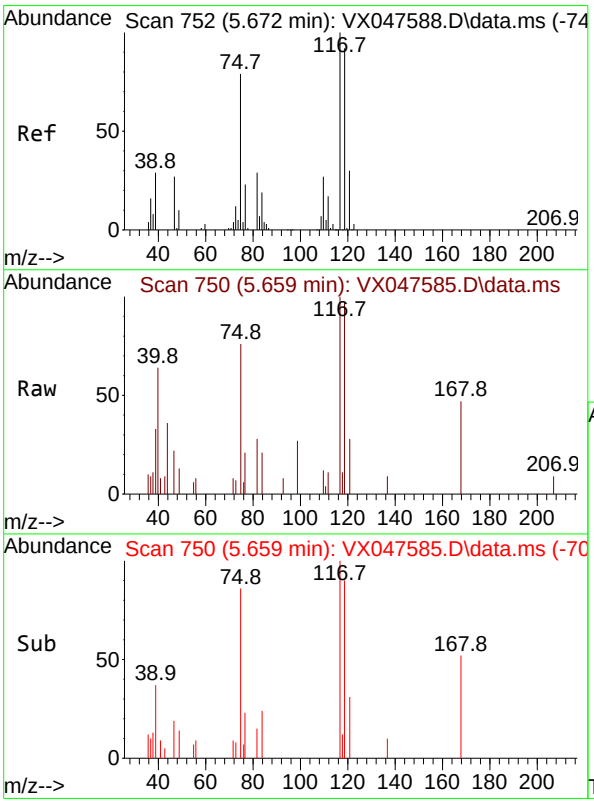
#37
Ethyl Acetate
Concen: 0.818 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 3873

Ion	Ratio	Lower	Upper
43	100		
61	8.9	9.8	14.8#
70	6.2	7.9	11.9#

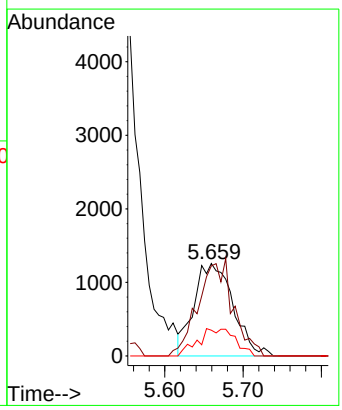


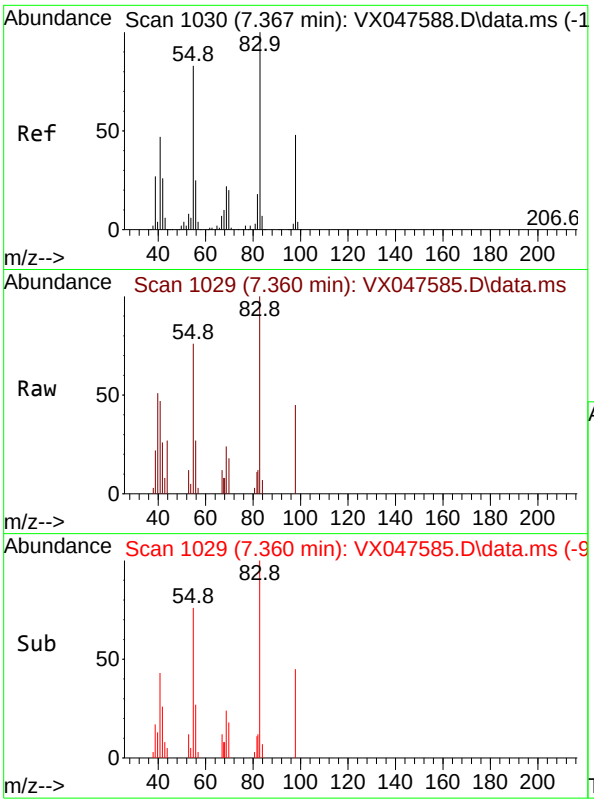


#38
Carbon Tetrachloride
Concen: 0.905 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 4349

Ion	Ratio	Lower	Upper
117	100		
119	97.3	73.4	110.2
121	27.8	23.8	35.6



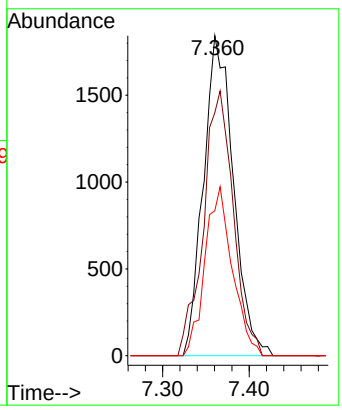


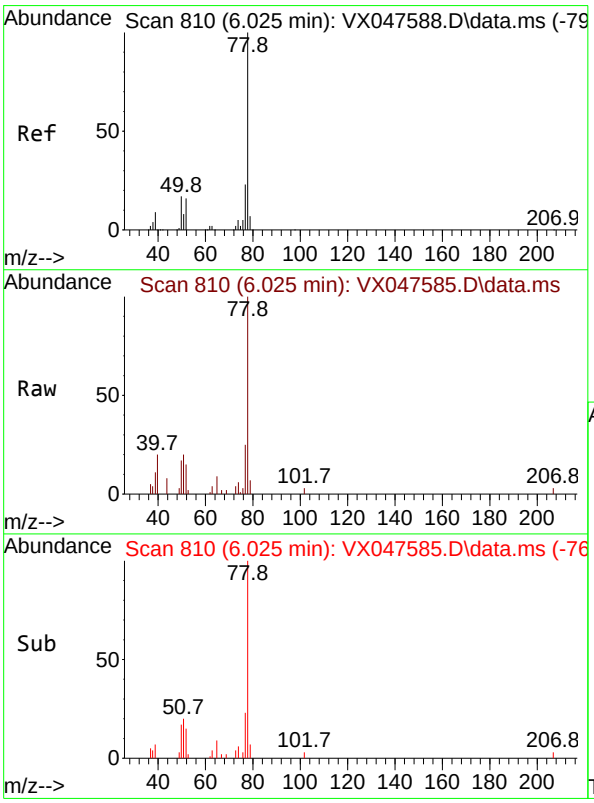
#39
Methylcyclohexane
Concen: 0.882 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 4428

Ion	Ratio	Lower	Upper
83	100		
55	76.0	66.4	99.6
98	45.3	38.1	57.1

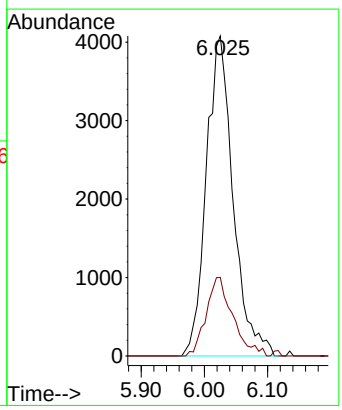


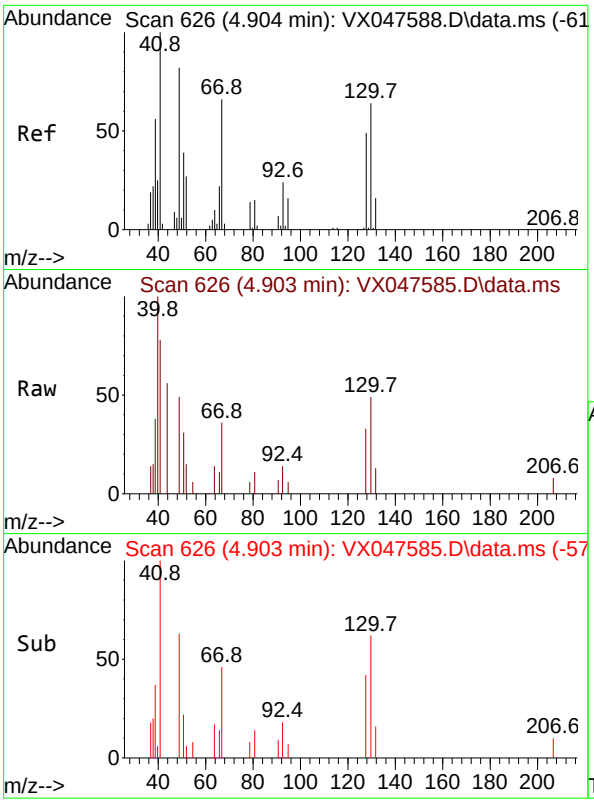


#40
Benzene
Concen: 0.894 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 78 Resp: 12012

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2



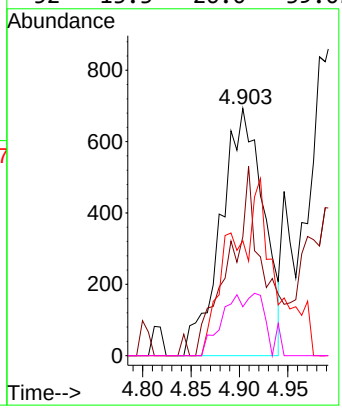


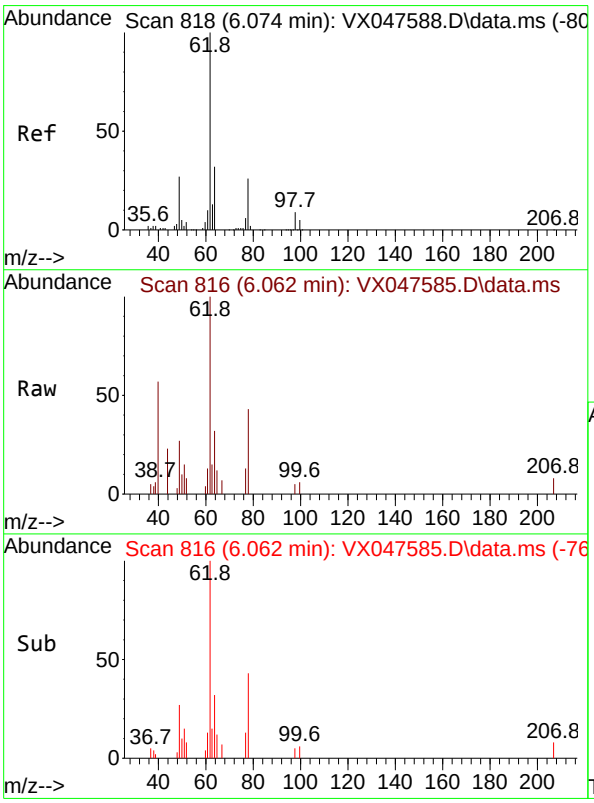
#41
Methacrylonitrile
Concen: 0.870 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 2128

Ion	Ratio	Lower	Upper
41	100		
39	60.3	43.3	64.9
67	23.5	58.6	87.8#
52	13.3	26.0	39.0#

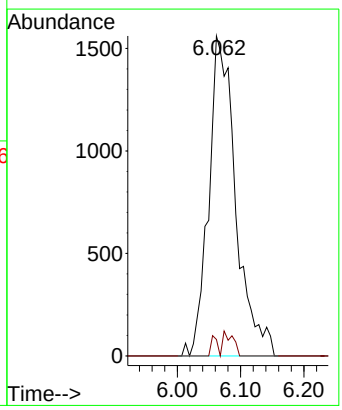


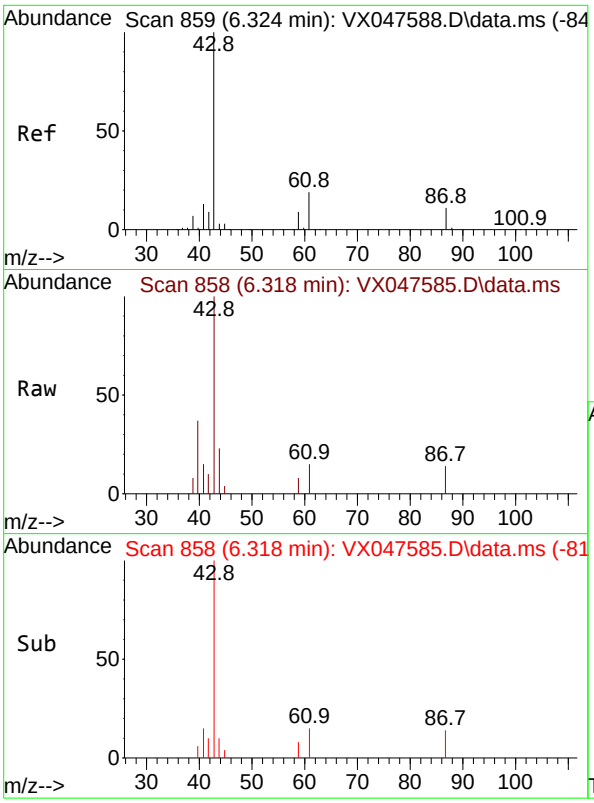


#42
1,2-Dichloroethane
Concen: 0.906 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 4634

Ion	Ratio	Lower	Upper
62	100		
98	1.4	0.0	17.0



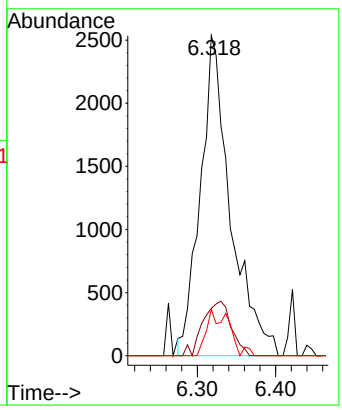


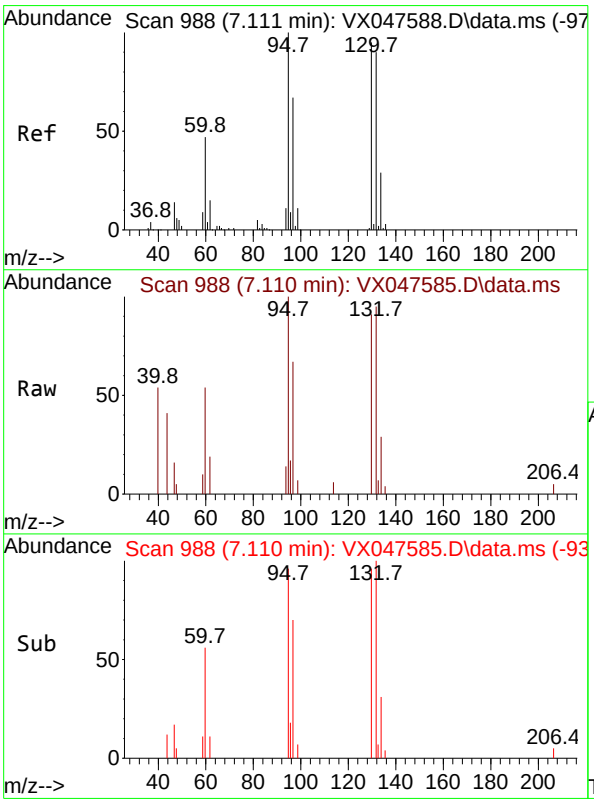
#43
Isopropyl Acetate
Concen: 0.873 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 6784

Ion	Ratio	Lower	Upper
43	100		
61	15.9	15.2	22.8
87	10.1	9.6	14.4

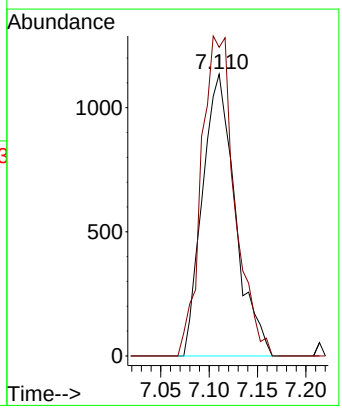


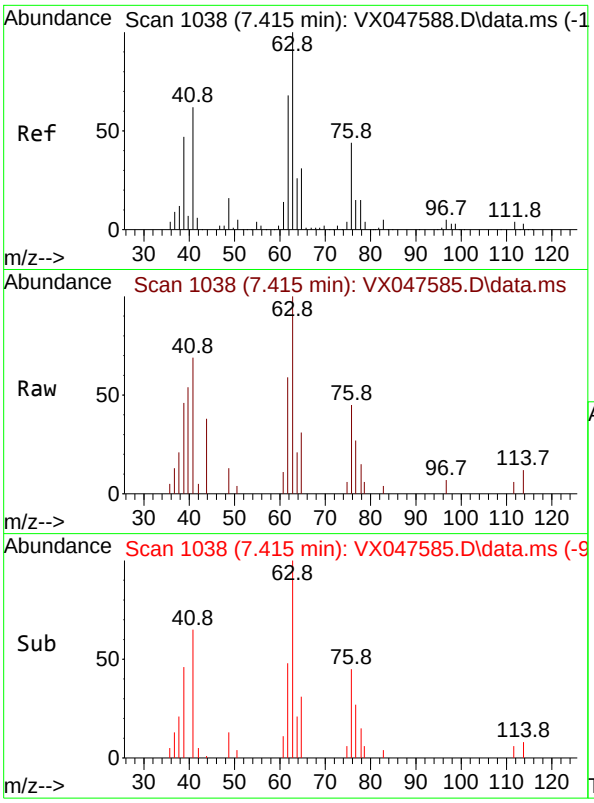


#44
Trichloroethene
Concen: 0.824 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:130 Resp: 2677

Ion	Ratio	Lower	Upper
130	100		
95	127.9	0.0	210.8



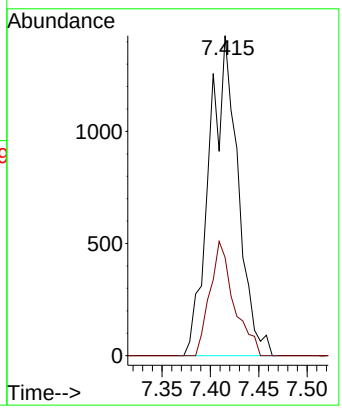


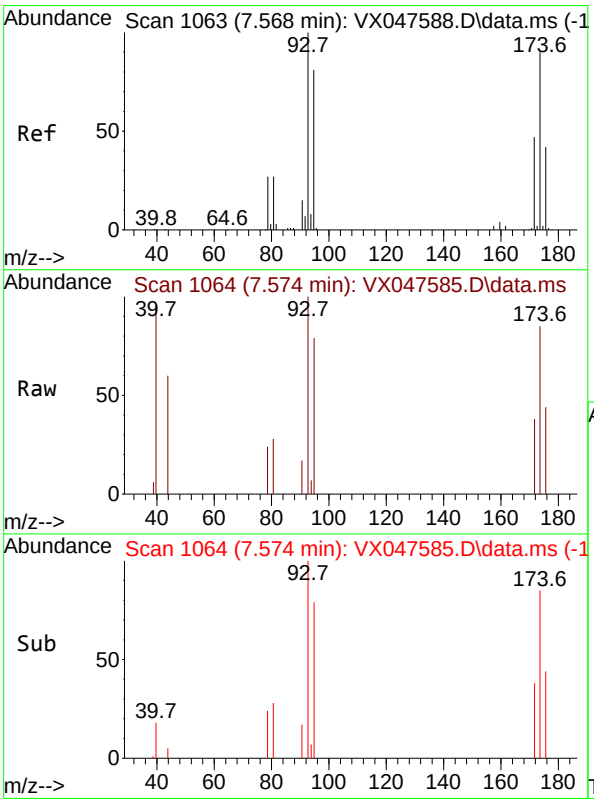
#45
1,2-Dichloropropane
Concen: 0.856 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 2945

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1

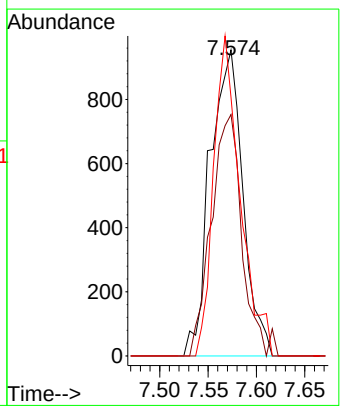


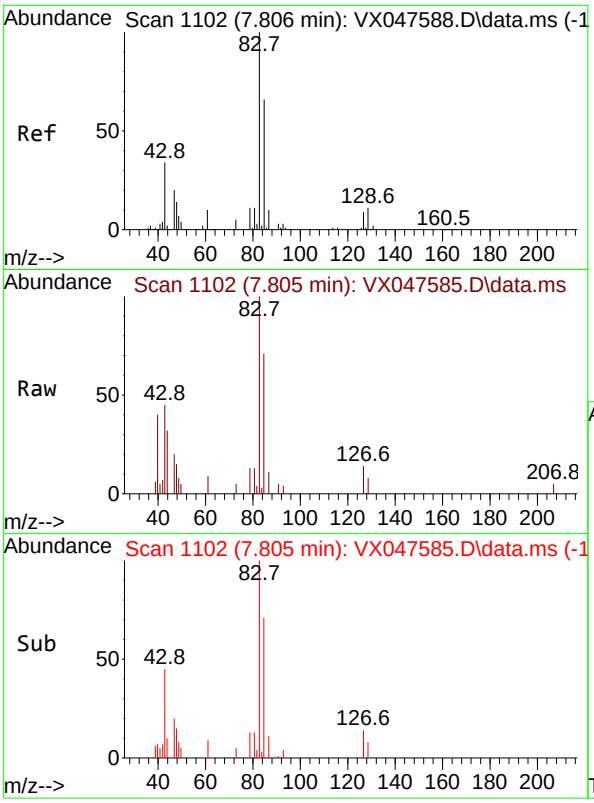


#46
Dibromomethane
Concen: 0.895 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 93 Resp: 2240

Ion	Ratio	Lower	Upper
93	100		
95	74.4	65.0	97.6
174	85.1	71.6	107.4



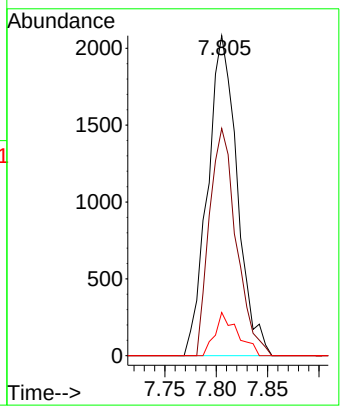


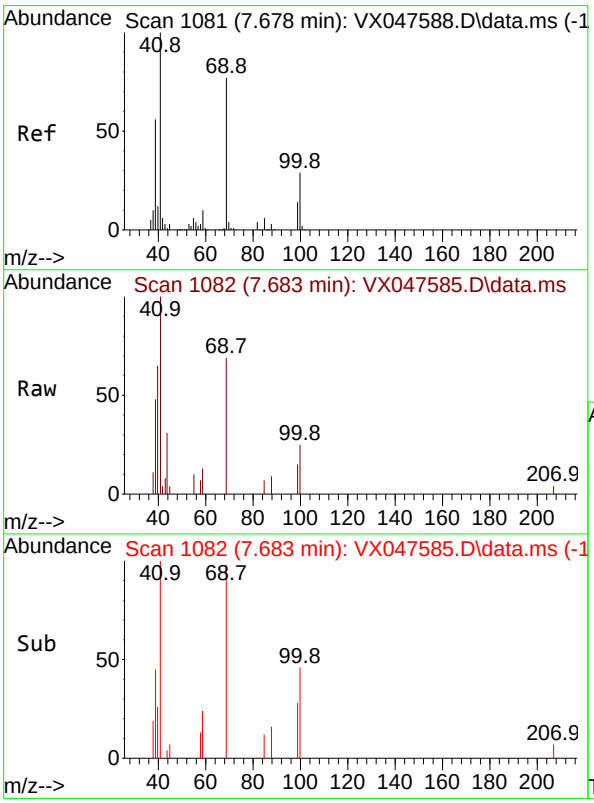
#47
Bromodichloromethane
Concen: 0.806 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 4167

Ion	Ratio	Lower	Upper
83	100		
85	71.0	52.5	78.7
127	13.5	6.9	10.3#

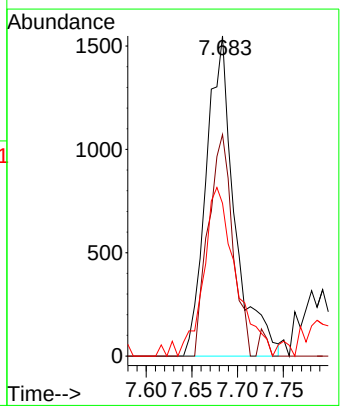


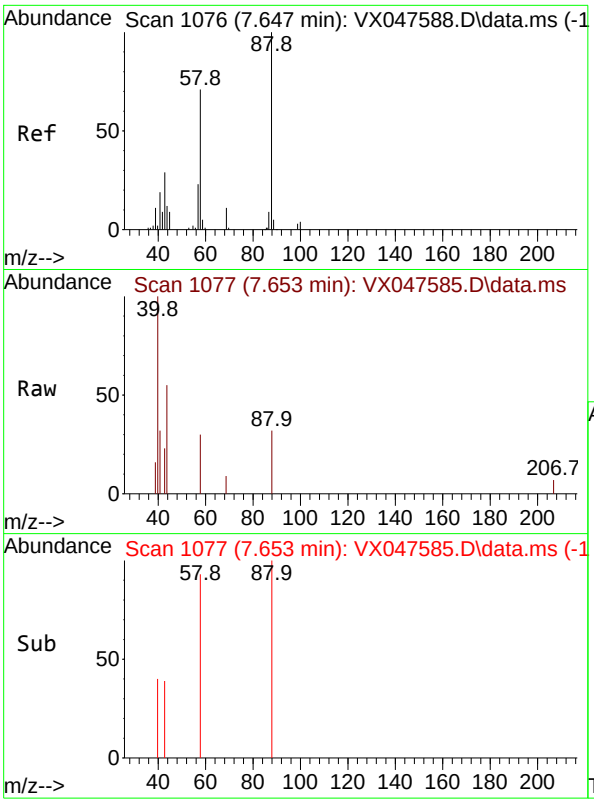


#48
Methyl methacrylate
Concen: 0.867 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 3355

Ion	Ratio	Lower	Upper
41	100		
69	59.3	61.4	92.2#
39	59.5	45.8	68.6



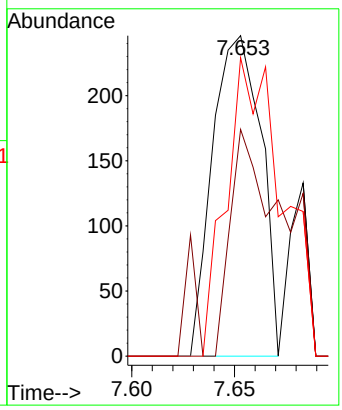


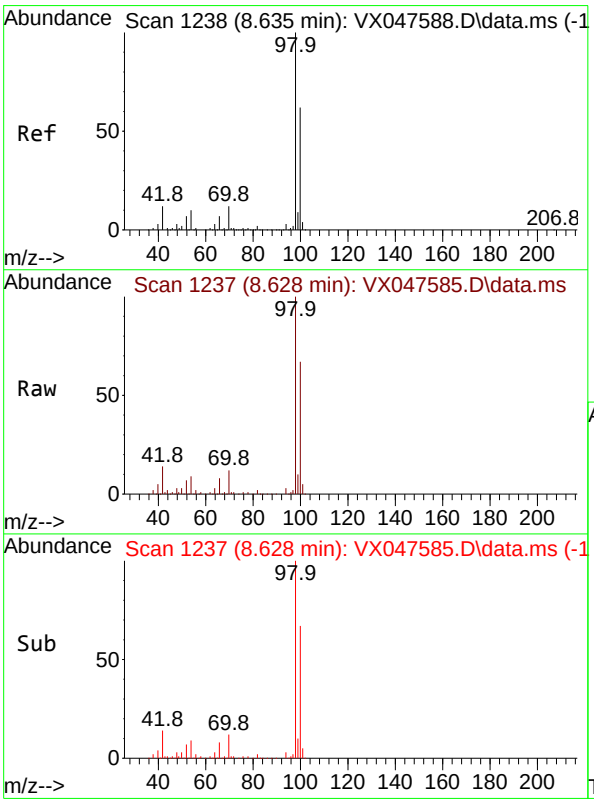
#49
1,4-Dioxane
Concen: 10.329 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 88 Resp: 404

Ion	Ratio	Lower	Upper
88	100		
43	77.5	30.2	45.2#
58	107.4	59.5	89.3#

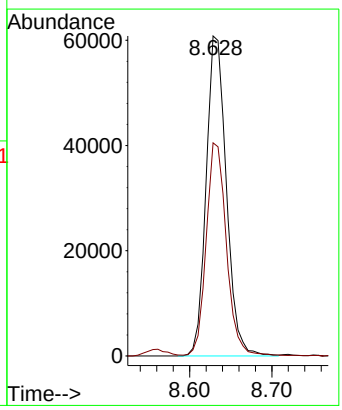


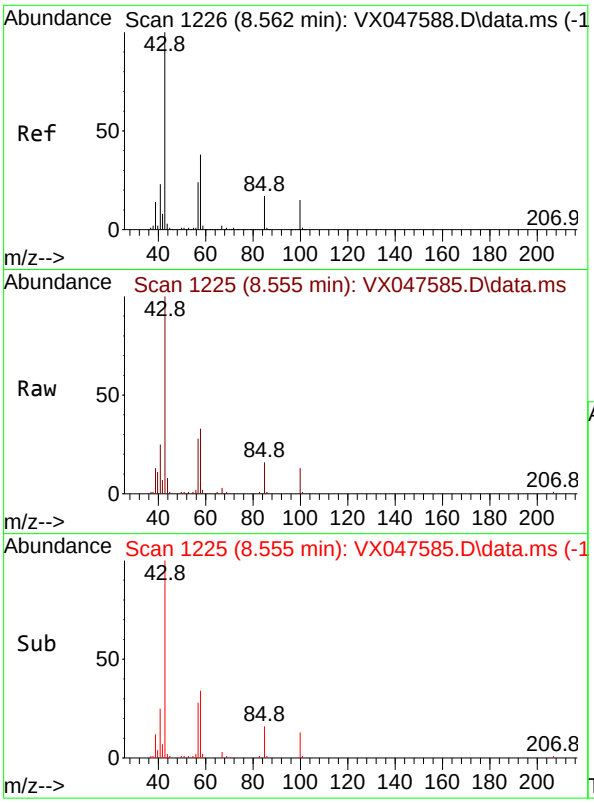


#50
Toluene-d8
Concen: 9.913 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 98 Resp: 103865

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



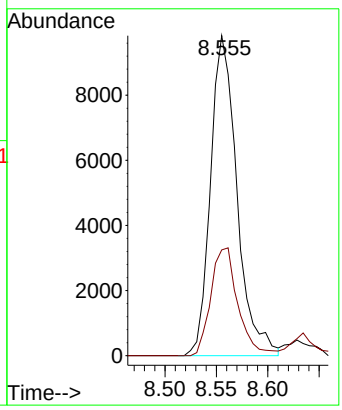


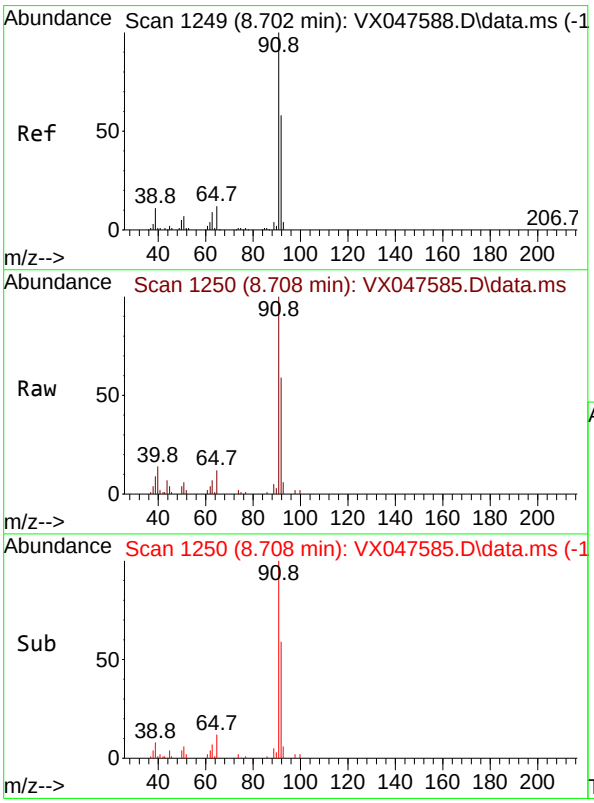
#51
4-Methyl-2-Pentanone
Concen: 4.085 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 17596

Ion	Ratio	Lower	Upper
43	100		
58	34.7	30.3	45.5

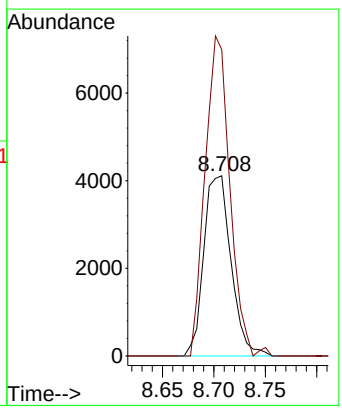


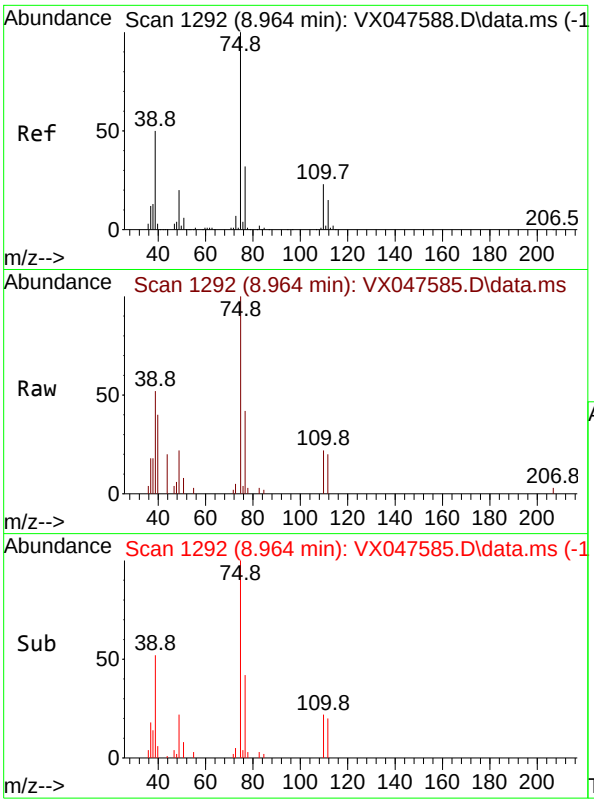


#52
Toluene
Concen: 0.917 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 92 Resp: 7595

Ion	Ratio	Lower	Upper
92	100		
91	160.7	137.1	205.7



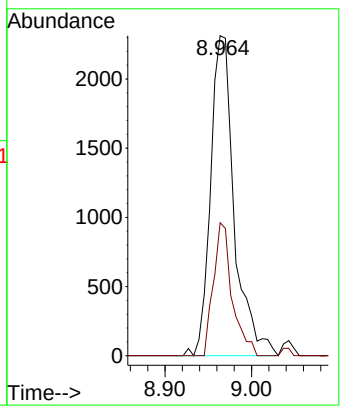


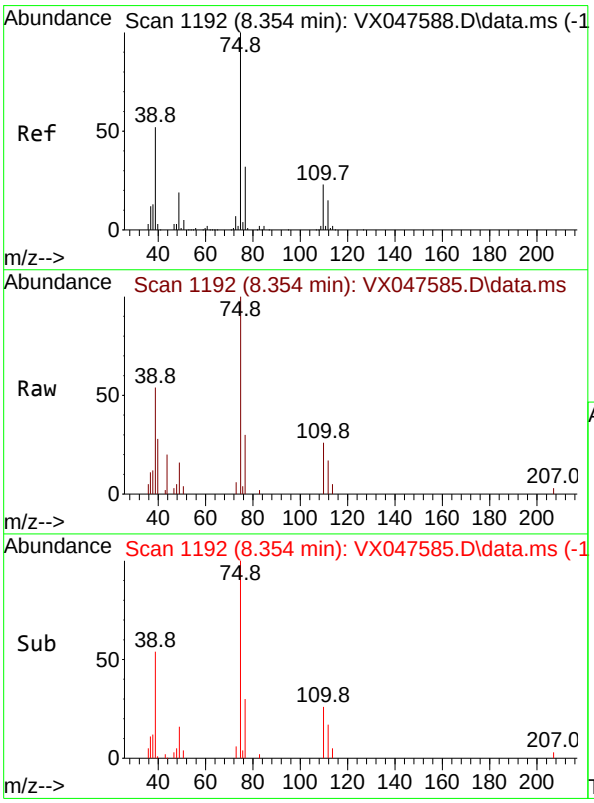
#53
t-1,3-Dichloropropene
Concen: 0.834 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 4398

Ion	Ratio	Lower	Upper
75	100		
77	41.5	25.4	38.2#

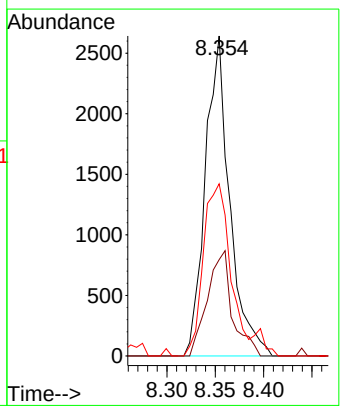


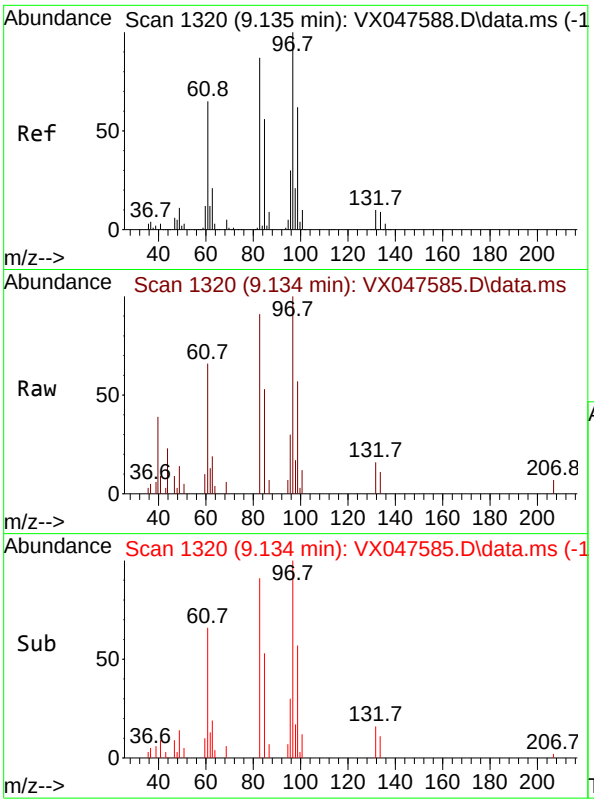


#54
cis-1,3-Dichloropropene
Concen: 0.823 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4635

Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.8	38.6
39	25.6	41.4	62.2#



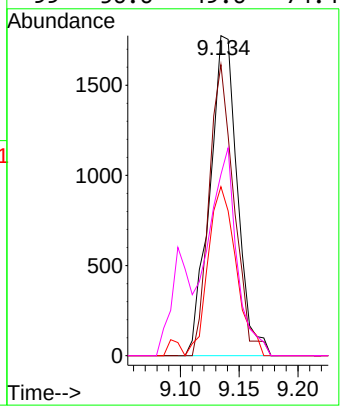


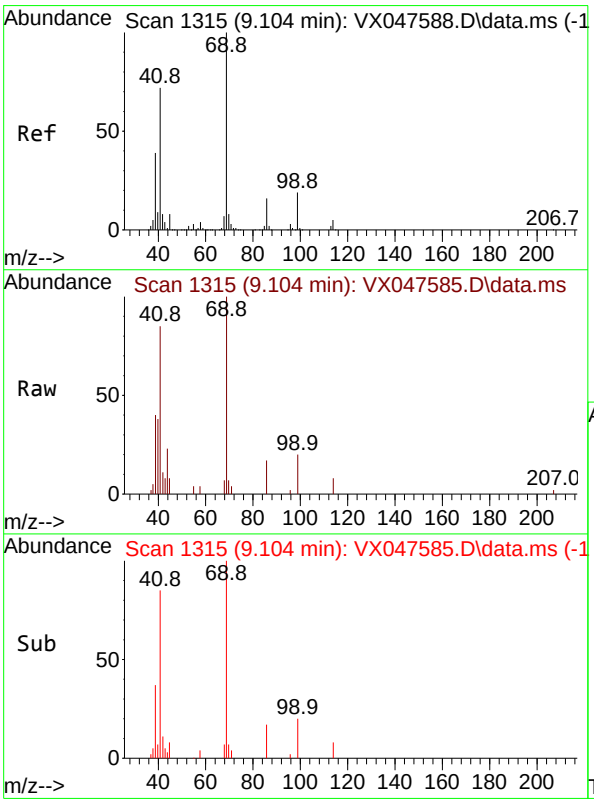
#55
1,1,2-Trichloroethane
Concen: 0.914 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 2918

Ion	Ratio	Lower	Upper
97	100		
83	90.9	69.6	104.4
85	52.8	45.0	67.6
99	56.6	49.6	74.4

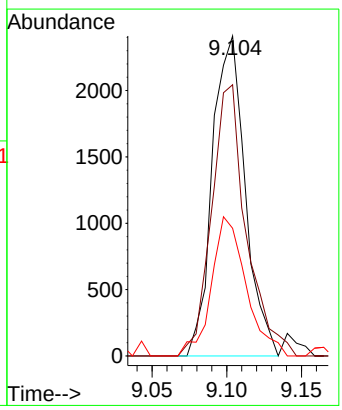


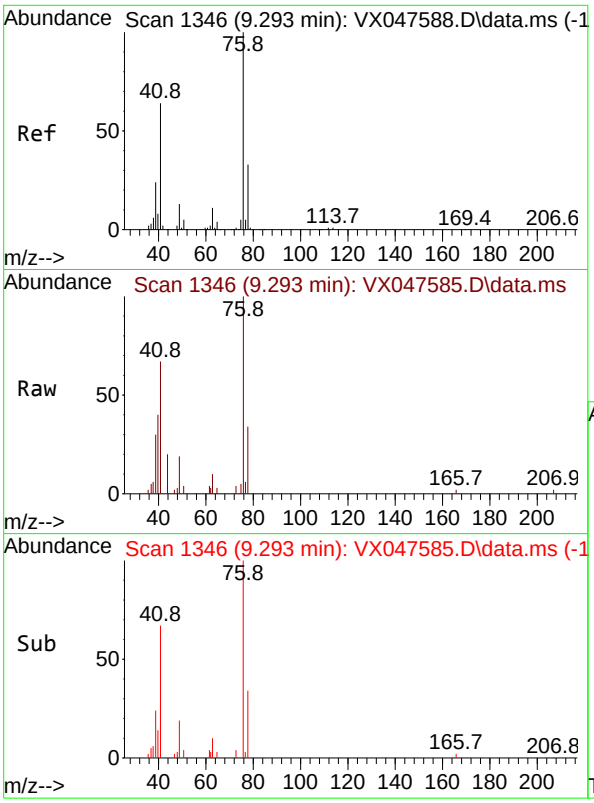


#56
Ethyl methacrylate
Concen: 0.734 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 69 Resp: 3679

Ion	Ratio	Lower	Upper
69	100		
41	89.4	58.6	87.8#
39	46.0	31.5	47.3



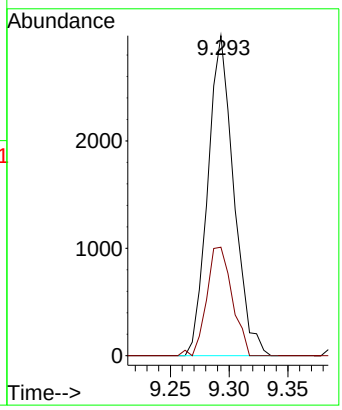


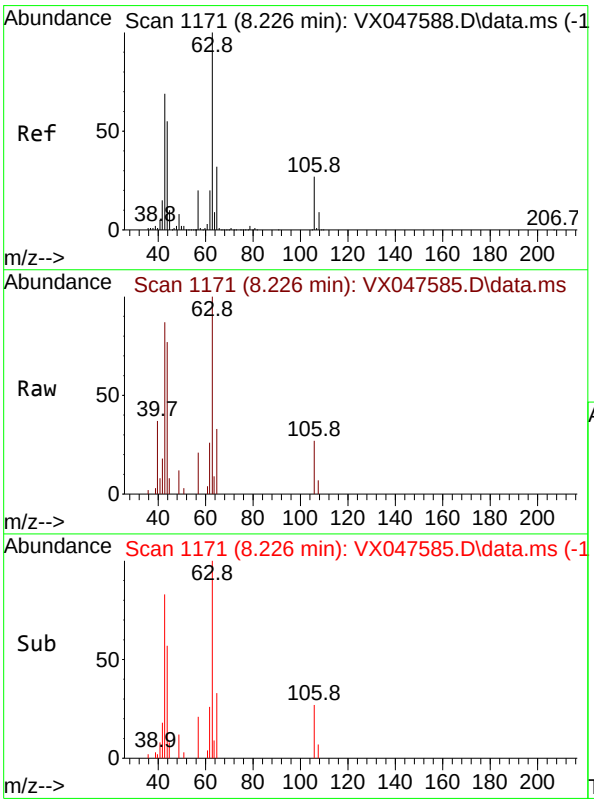
#57
1,3-Dichloropropane
Concen: 0.835 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 4580

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.4

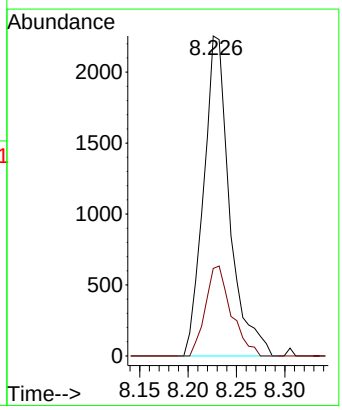


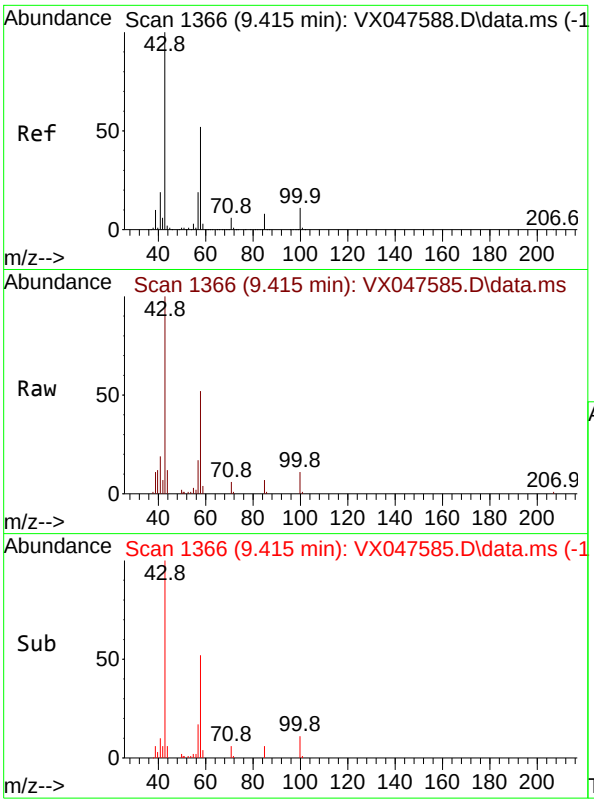


#58
2-Chloroethyl Vinyl ether
Concen: 9.665 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 4222

Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.9	32.9



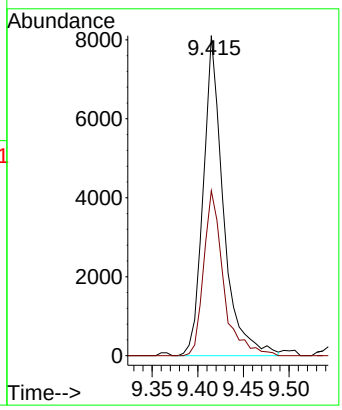


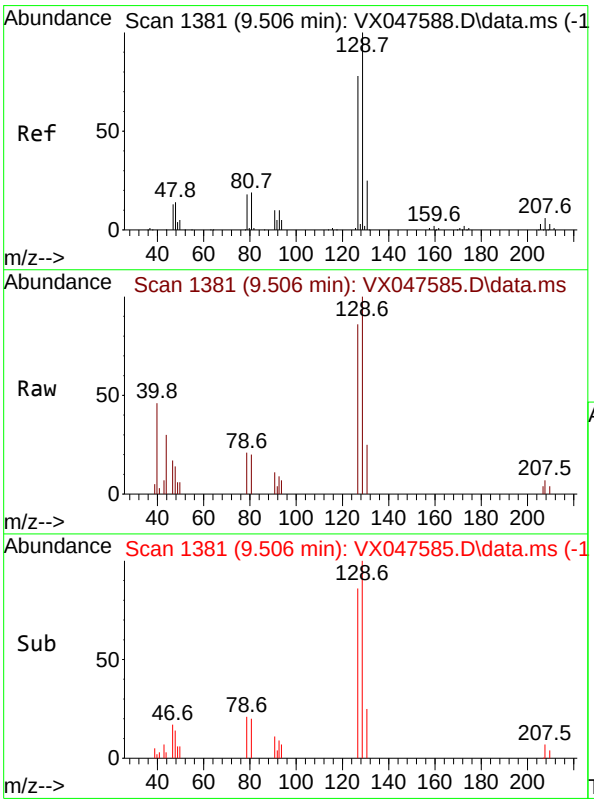
#59
2-Hexanone
Concen: 4.003 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 12385

Ion	Ratio	Lower	Upper
43	100		
58	50.7	26.1	78.2

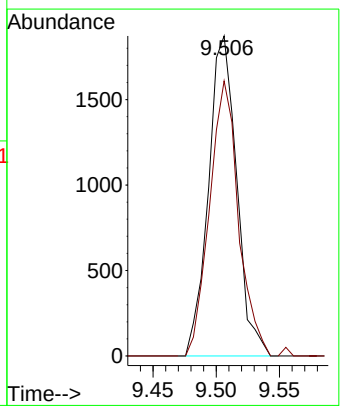


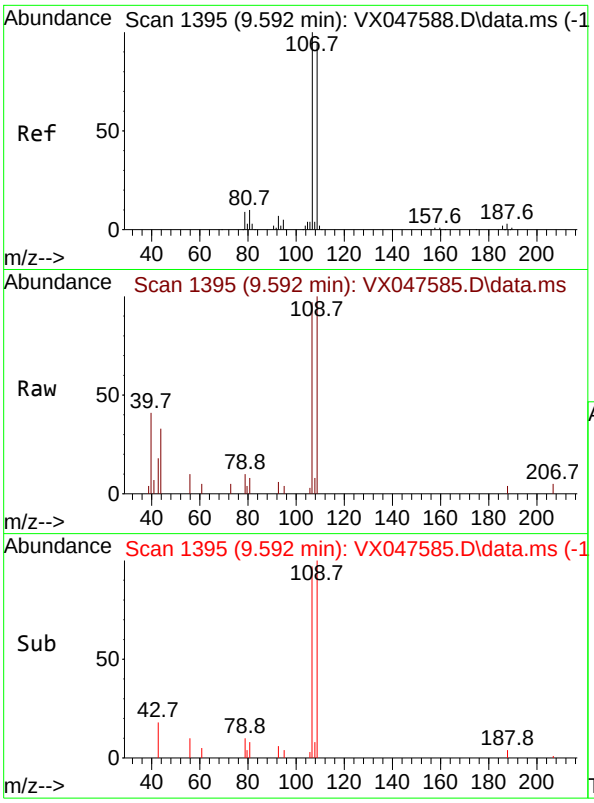


#60
Dibromochloromethane
Concen: 0.789 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:129 Resp: 2903

Ion	Ratio	Lower	Upper
129	100		
127	88.2	38.4	115.2



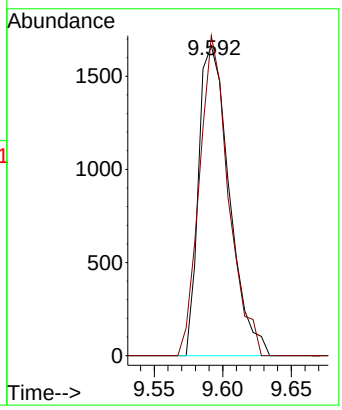


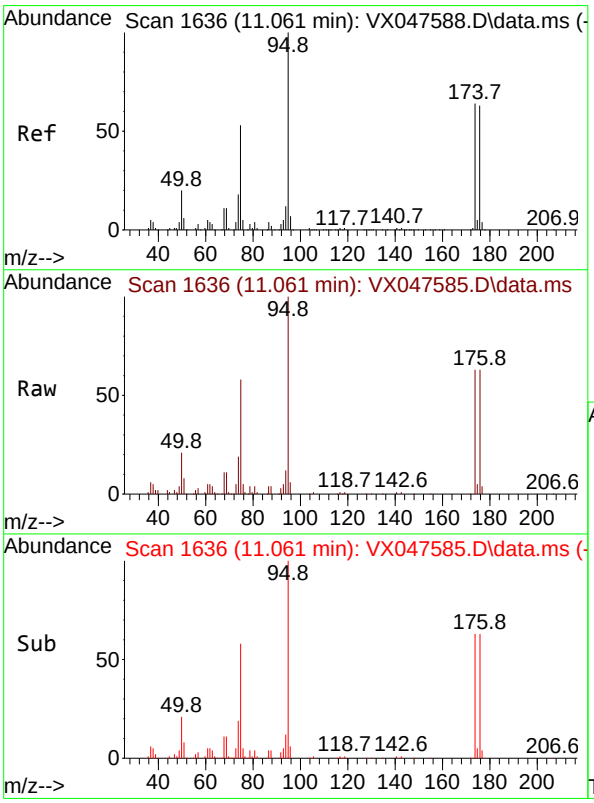
#61
1,2-Dibromoethane
Concen: 0.798 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 2596

Ion	Ratio	Lower	Upper
107	100		
109	97.7	75.3	112.9

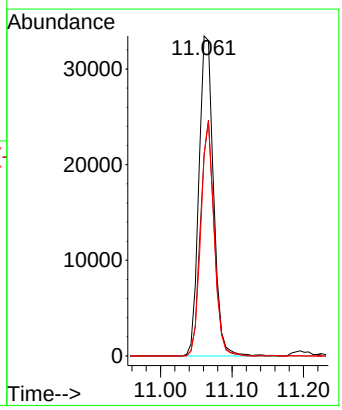


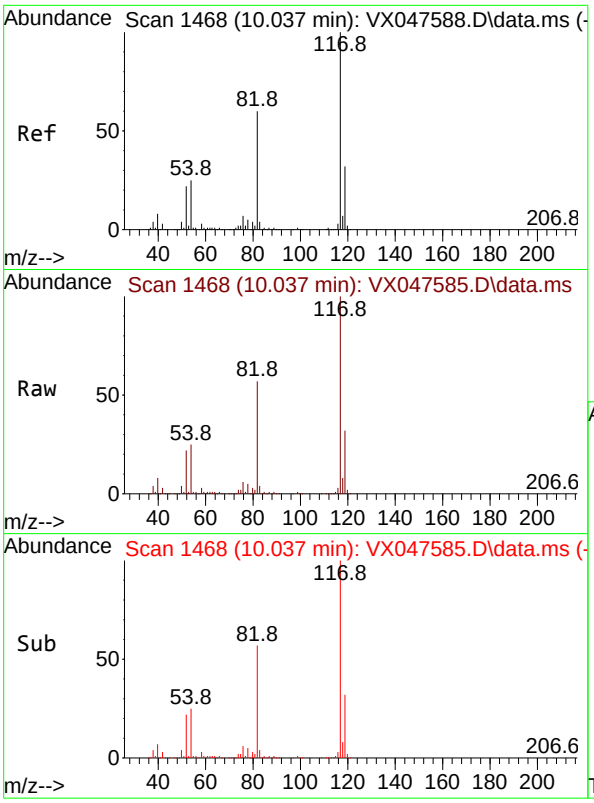


#62
4-Bromofluorobenzene
Concen: 11.900 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 95 Resp: 47321

Ion	Ratio	Lower	Upper
95	100		
174	68.9	0.0	141.6
176	67.0	0.0	138.4



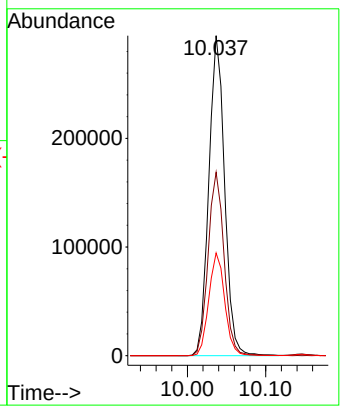


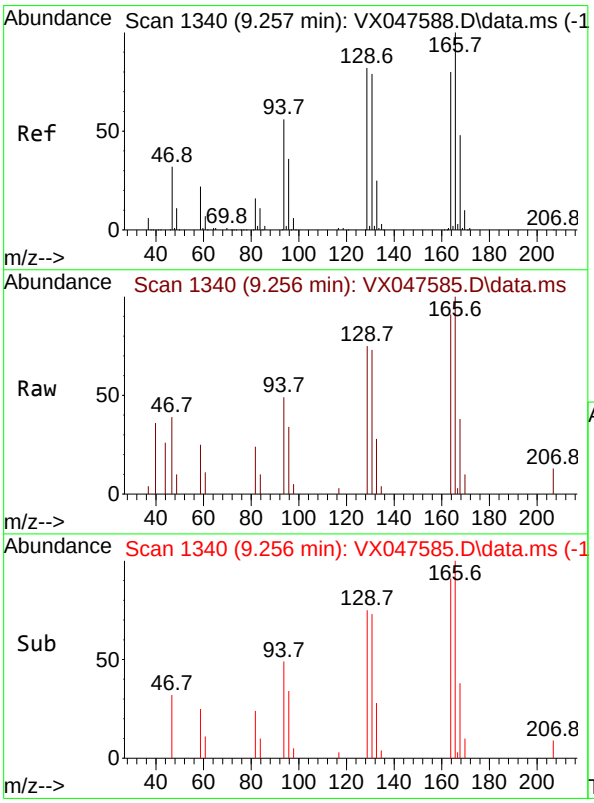
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 410953

Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.8	71.6
119	32.1	25.2	37.8

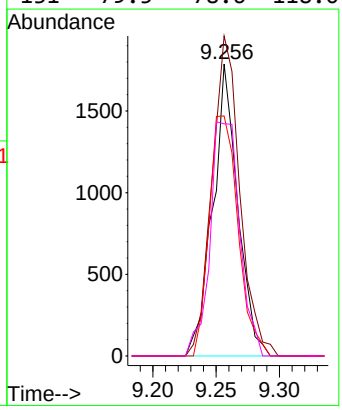


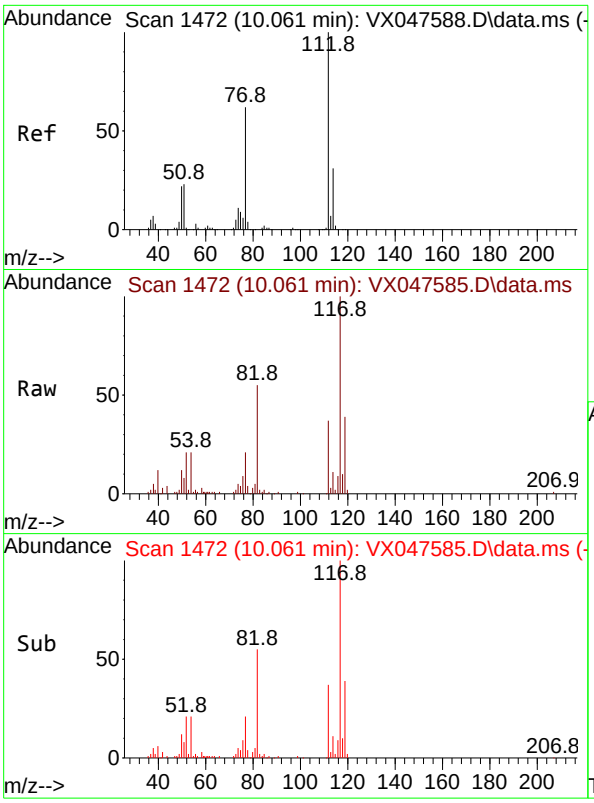


#64
Tetrachloroethene
Concen: 0.917 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:164 Resp: 2457

Ion	Ratio	Lower	Upper
164	100		
166	109.6	100.2	150.2
129	82.2	81.8	122.6
131	79.5	78.6	118.0



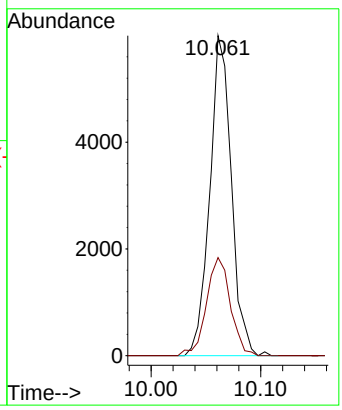


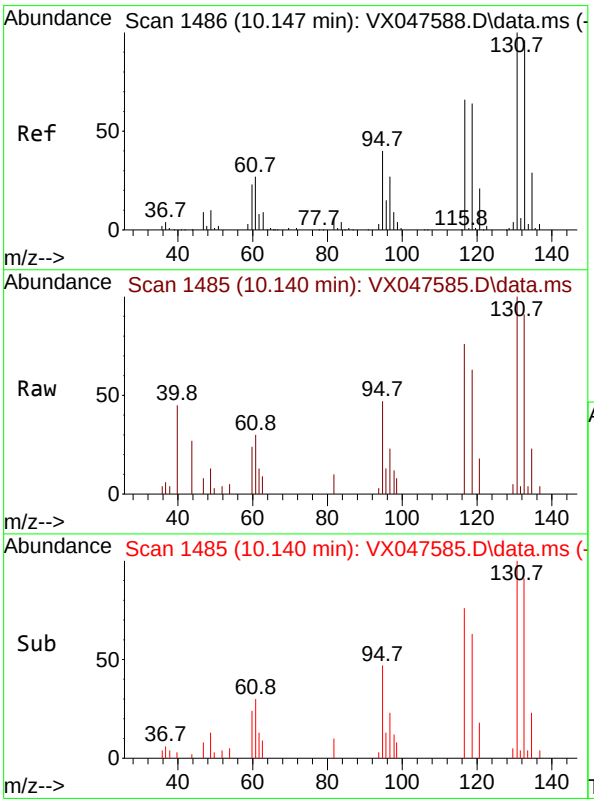
#65
Chlorobenzene
Concen: 0.879 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 8202

Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.1	37.7

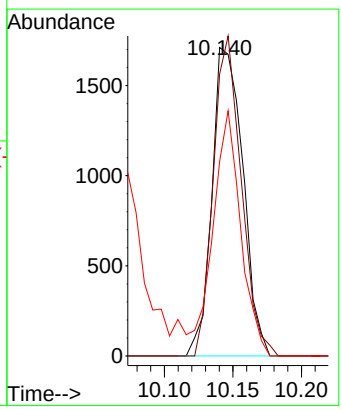


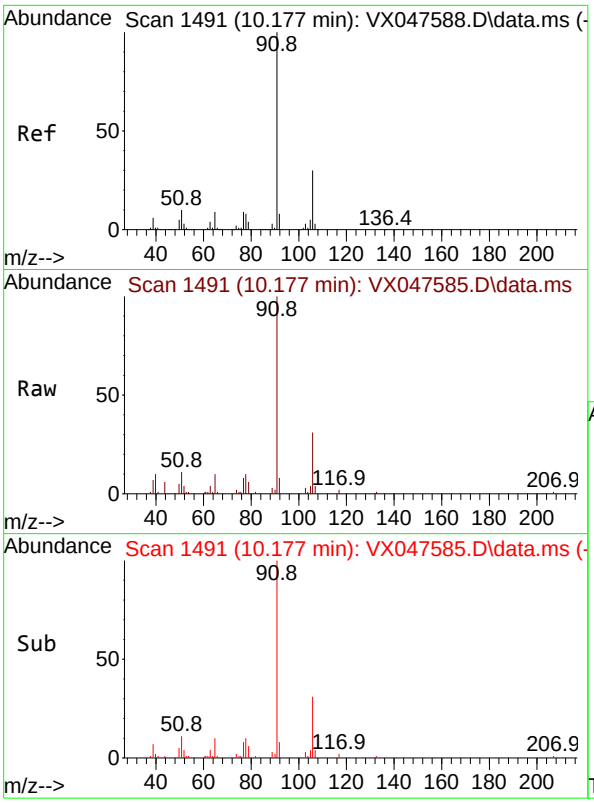


#66
1,1,1,2-Tetrachloroethane
Concen: 0.833 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:131 Resp: 2684

Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.3	142.0
119	0.0	32.0	96.0#



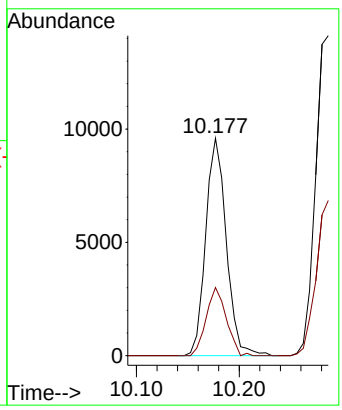


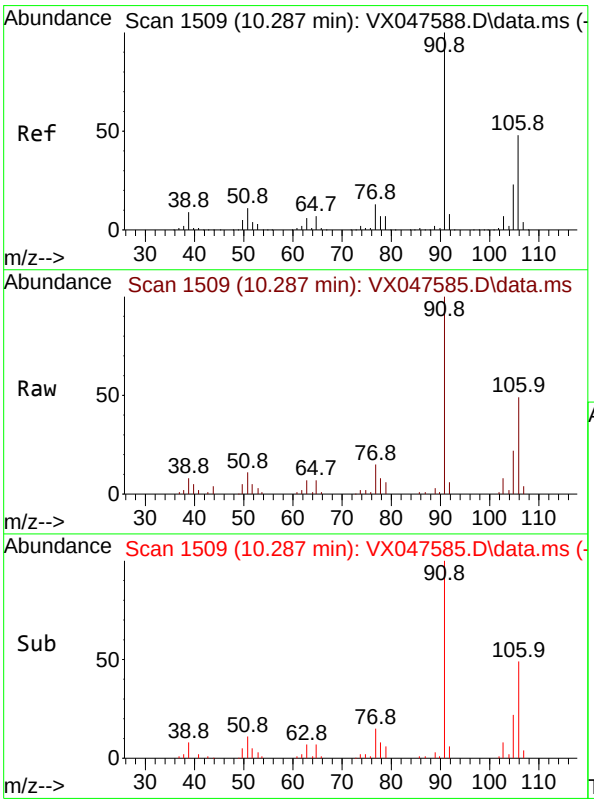
#67
Ethyl Benzene
Concen: 0.829 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 13360

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.3	36.5

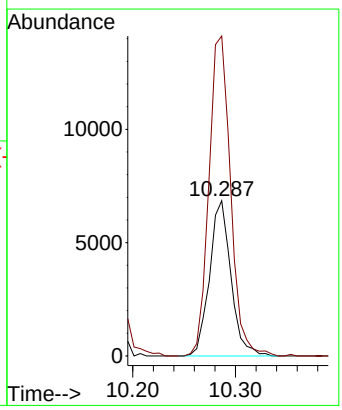


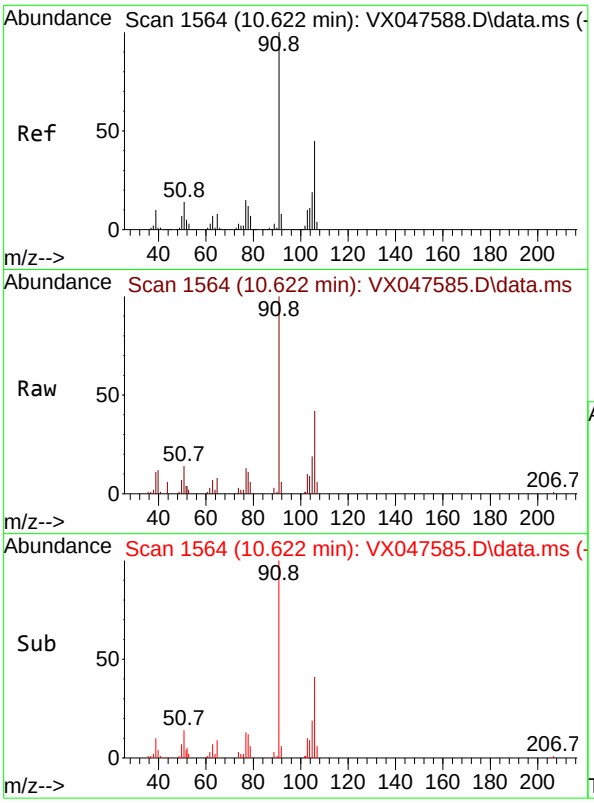


#68
m/p-Xylenes
Concen: 1.655 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:106 Resp: 9922

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8



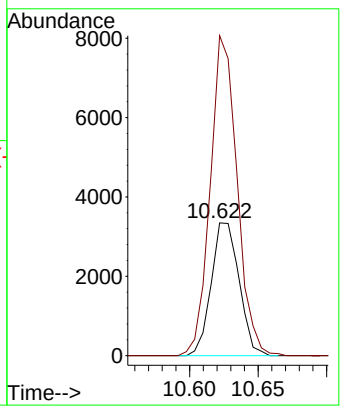


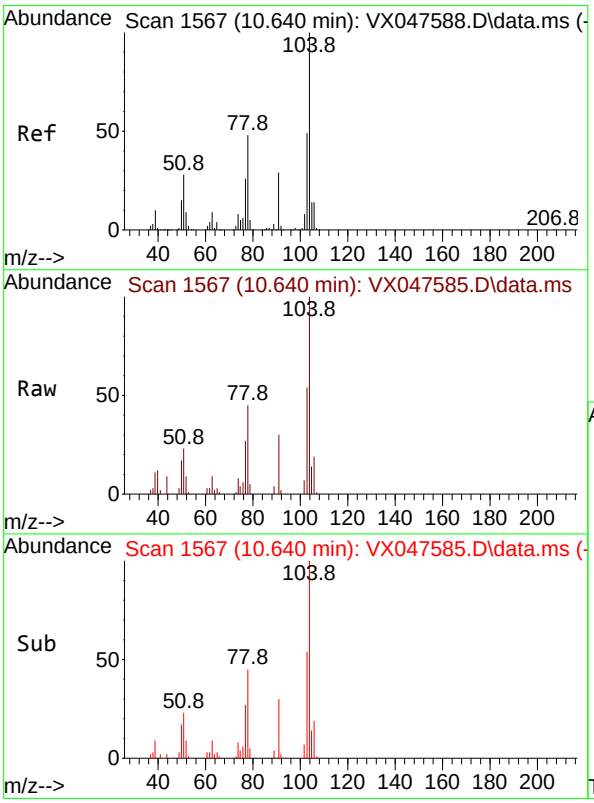
#69
o-Xylene
Concen: 0.816 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 4734

Ion	Ratio	Lower	Upper
106	100		
91	232.4	111.1	333.4

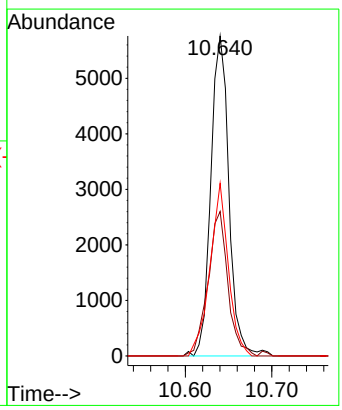


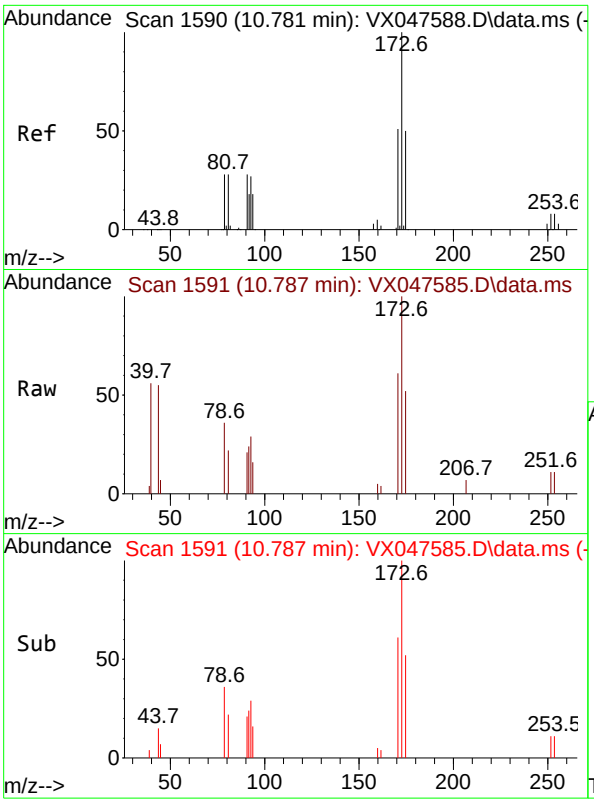


#70
Styrene
Concen: 0.824 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:104 Resp: 8377

Ion	Ratio	Lower	Upper
104	100		
78	49.5	43.1	64.7
103	55.0	43.1	64.7



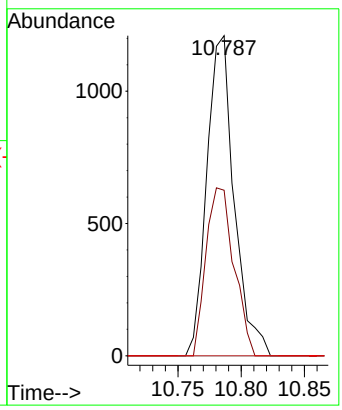


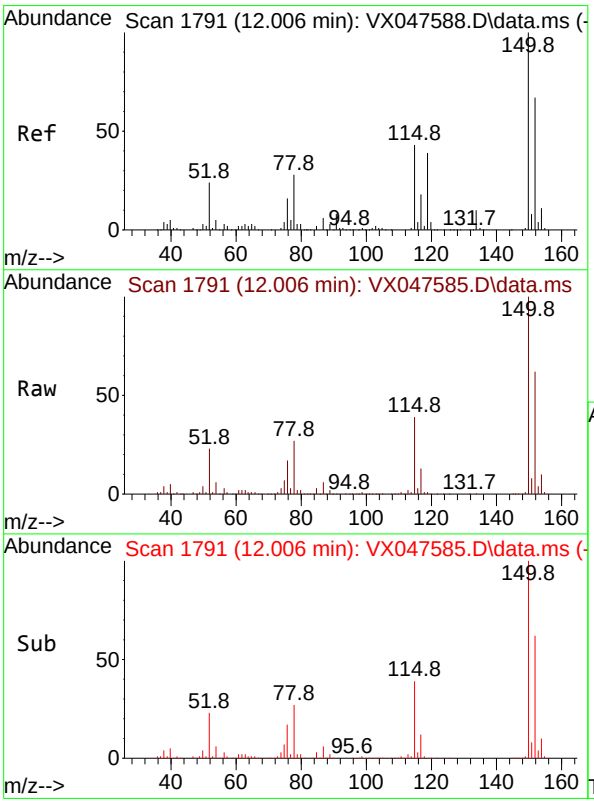
#71
Bromoform
Concen: 0.755 ug/l
RT: 10.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 1816

Ion	Ratio	Lower	Upper
173	100		
175	53.8	24.9	74.6
254	0.0	0.1	0.1#

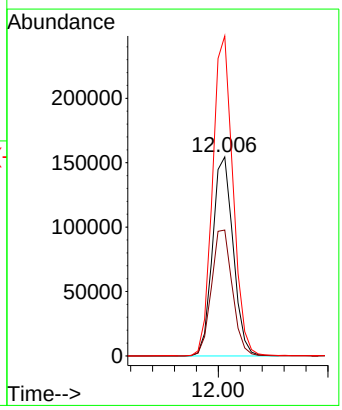


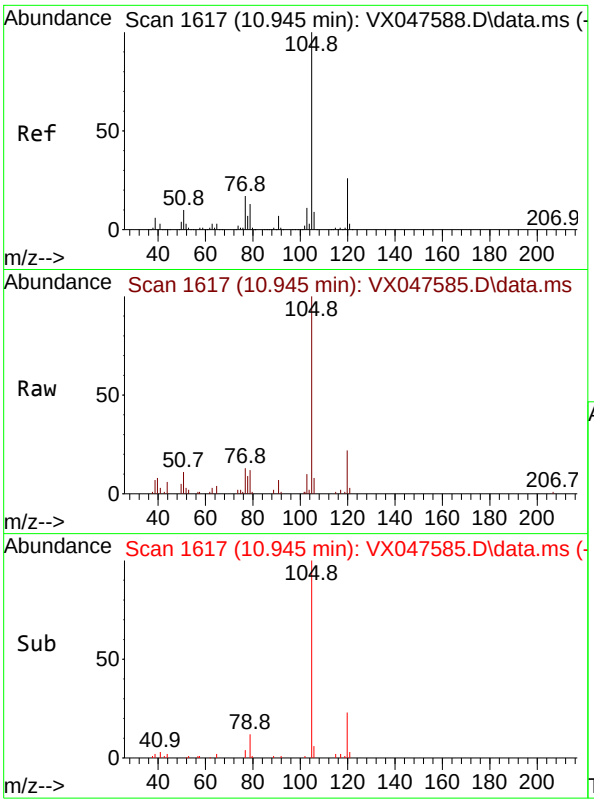


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:152 Resp: 201976

Ion	Ratio	Lower	Upper
152	100		
115	64.2	44.9	134.5
150	158.7	0.0	352.0



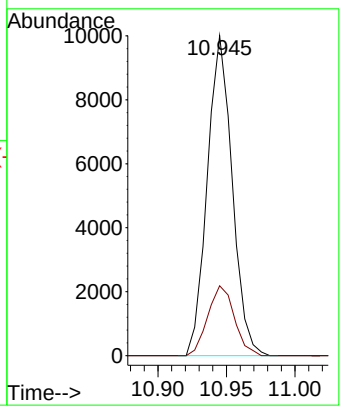


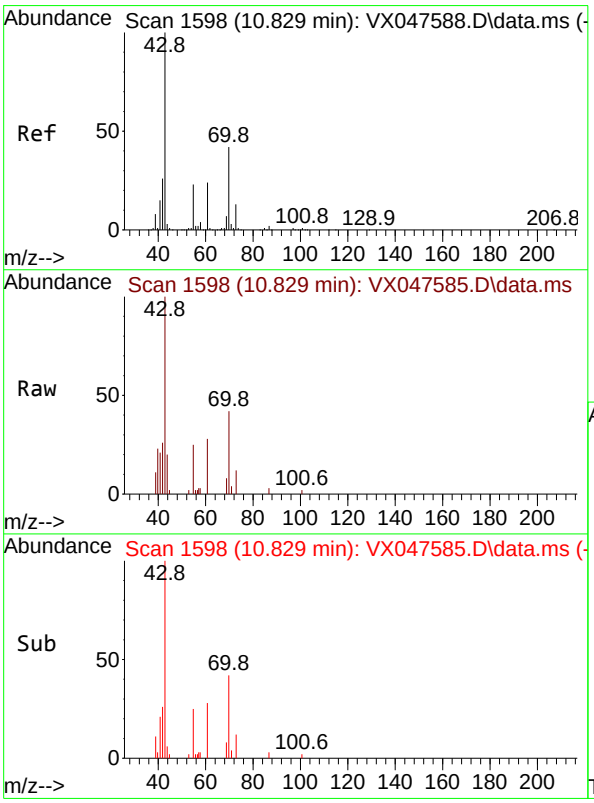
#73
Isopropylbenzene
Concen: 0.822 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 12618

Ion	Ratio	Lower	Upper
105	100		
120	23.4	12.8	38.4

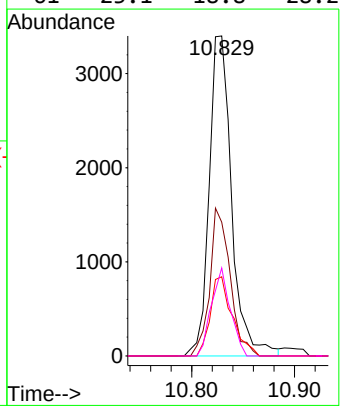


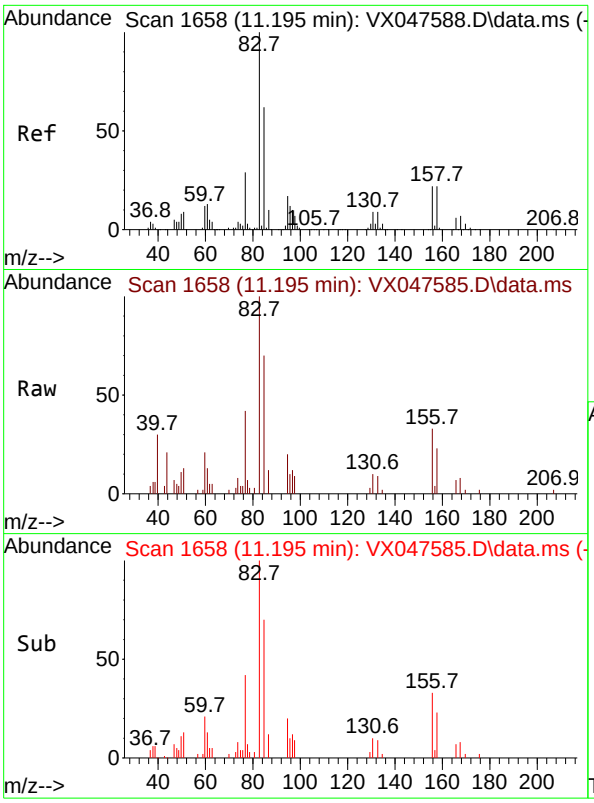


#74
N-amyl acetate
Concen: 0.737 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 5159

Ion	Ratio	Lower	Upper
43	100		
70	41.7	32.0	48.0
55	24.3	18.9	28.3
61	23.1	18.8	28.2



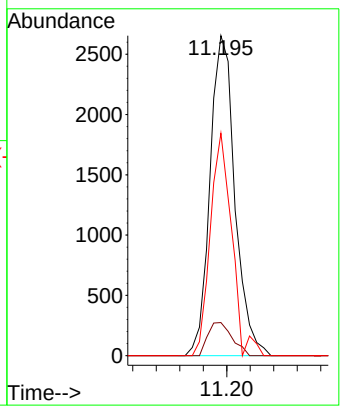


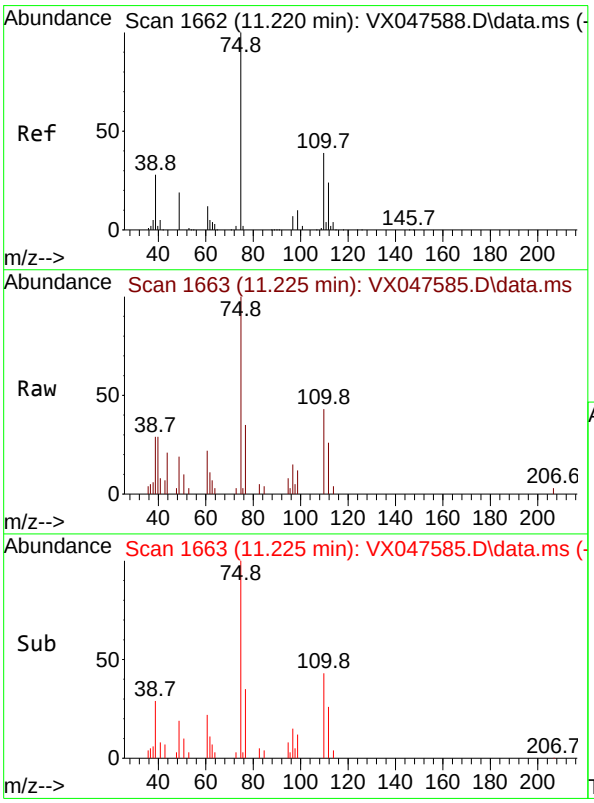
#75
1,1,2,2-Tetrachloroethane
Concen: 0.839 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 3900

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	59.8	31.6	95.0

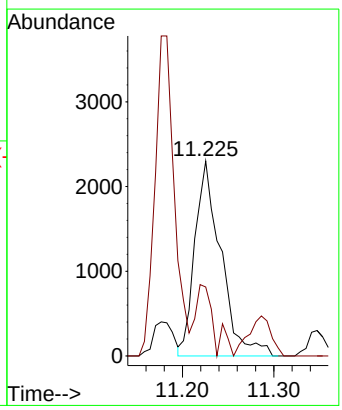


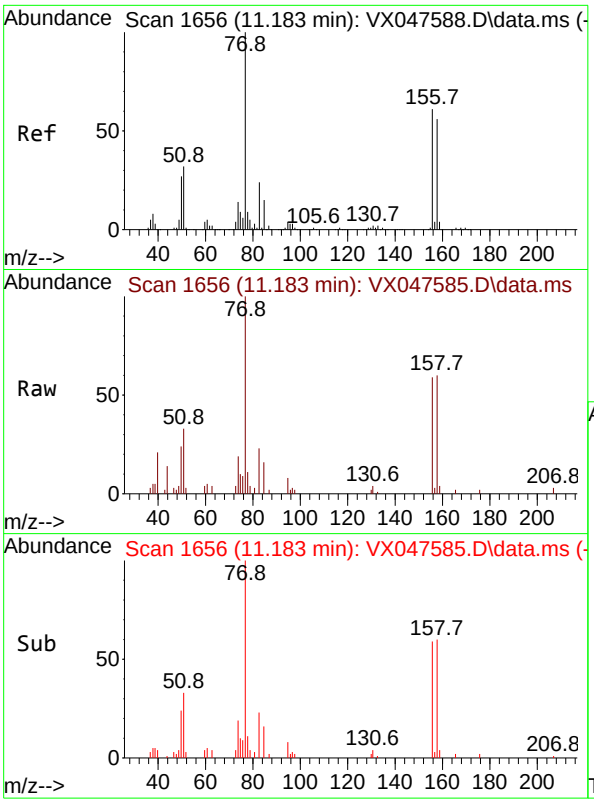


#76
1,2,3-Trichloropropane
Concen: 1.117 ug/l
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4568

Ion	Ratio	Lower	Upper
75	100		
77	25.9	18.8	56.4



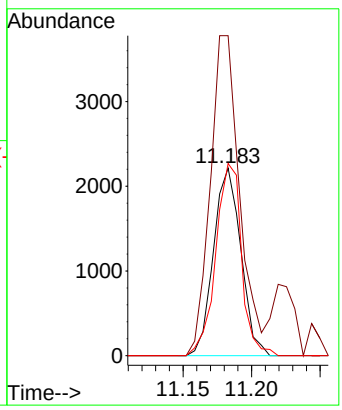


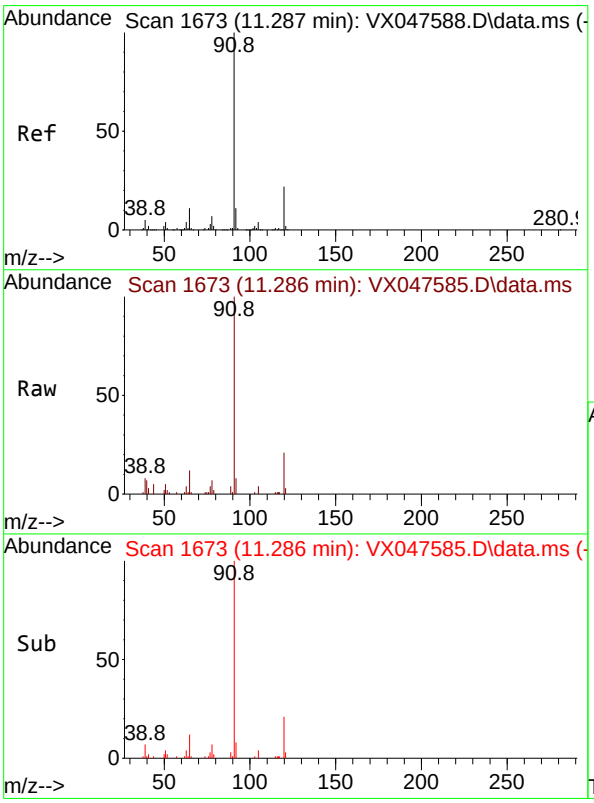
#77
Bromobenzene
Concen: 0.811 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:156 Resp: 3069

Ion	Ratio	Lower	Upper
156	100		
77	182.3	89.7	269.1
158	96.6	47.9	143.6

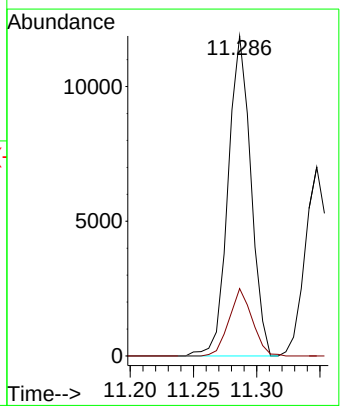


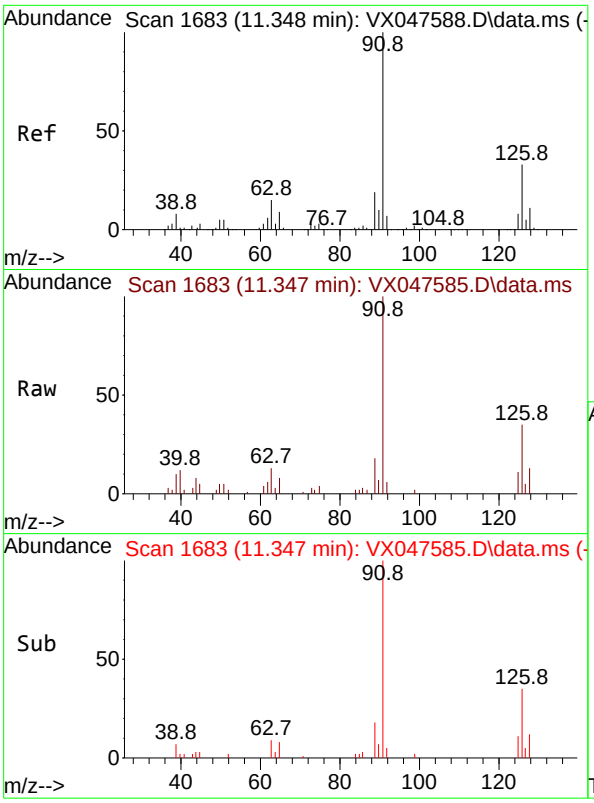


#78
n-propylbenzene
Concen: 0.819 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 14866

Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.1	33.1



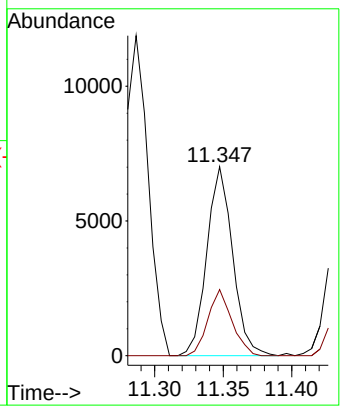


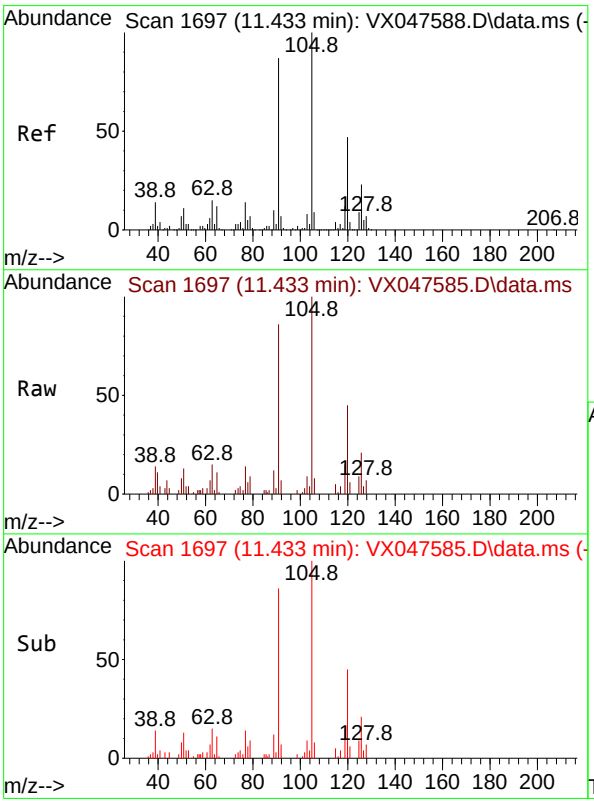
#79
2-Chlorotoluene
Concen: 0.827 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 9195

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.3

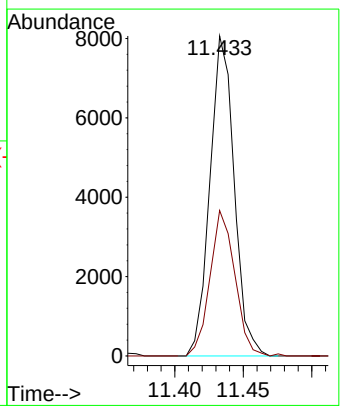


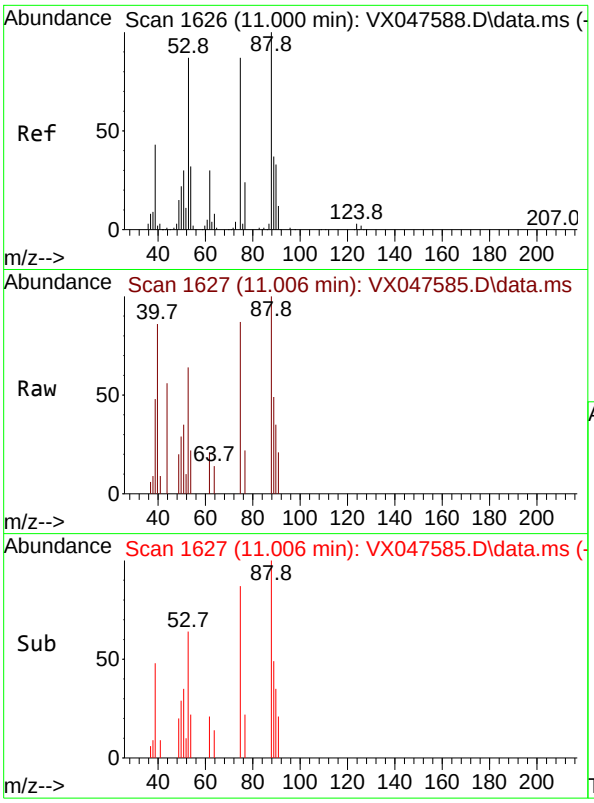


#80
1,3,5-Trimethylbenzene
Concen: 0.787 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 9929

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.6	70.8



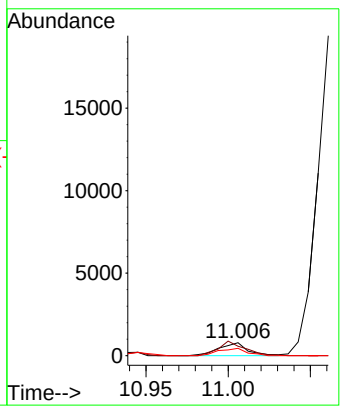


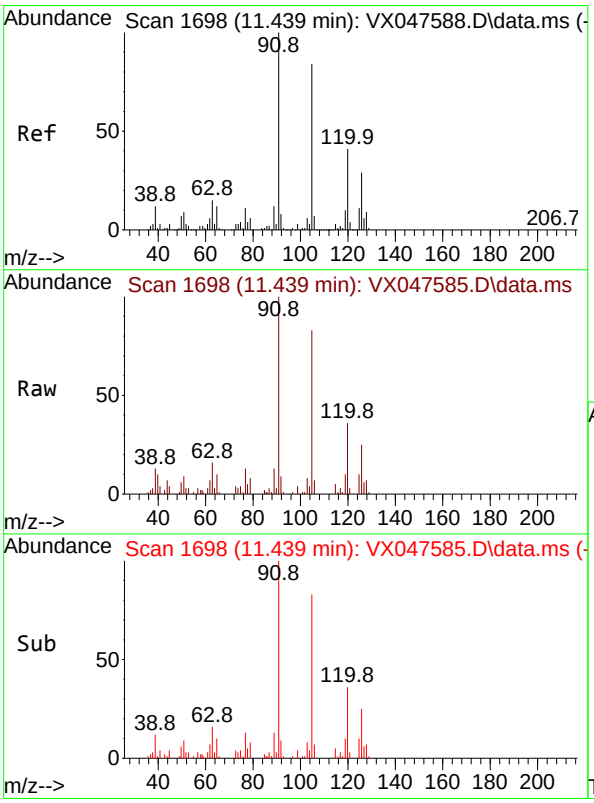
#81
trans-1,4-Dichloro-2-butene
Concen: 0.599 ug/l
RT: 11.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 960

Ion	Ratio	Lower	Upper
75	100		
53	103.2	83.4	125.2
89	55.2	36.3	54.5#

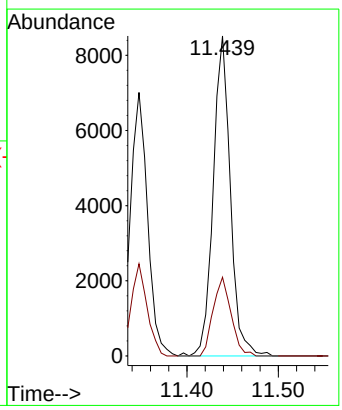


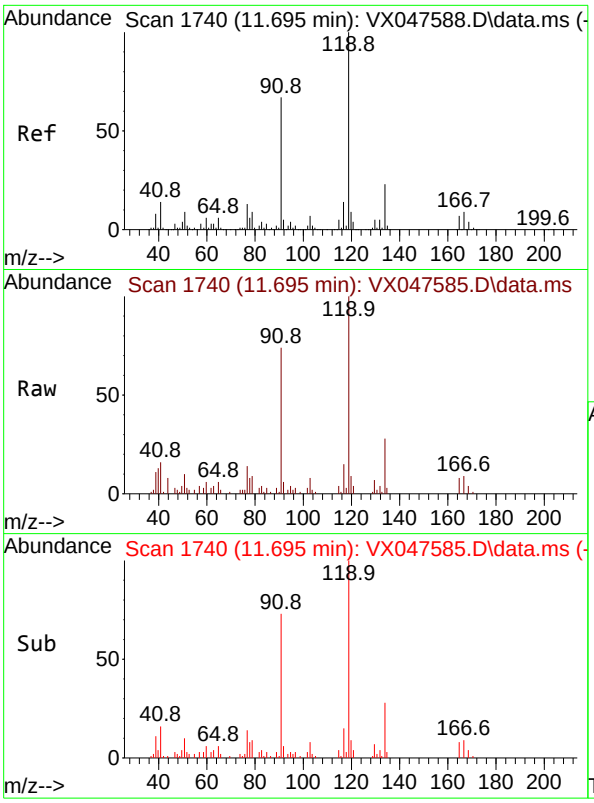


#82
4-Chlorotoluene
Concen: 0.847 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 11123

Ion	Ratio	Lower	Upper
91	100		
126	25.8	14.2	42.6



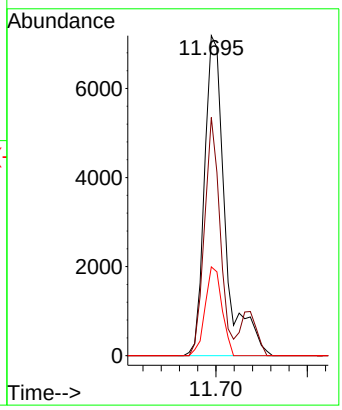


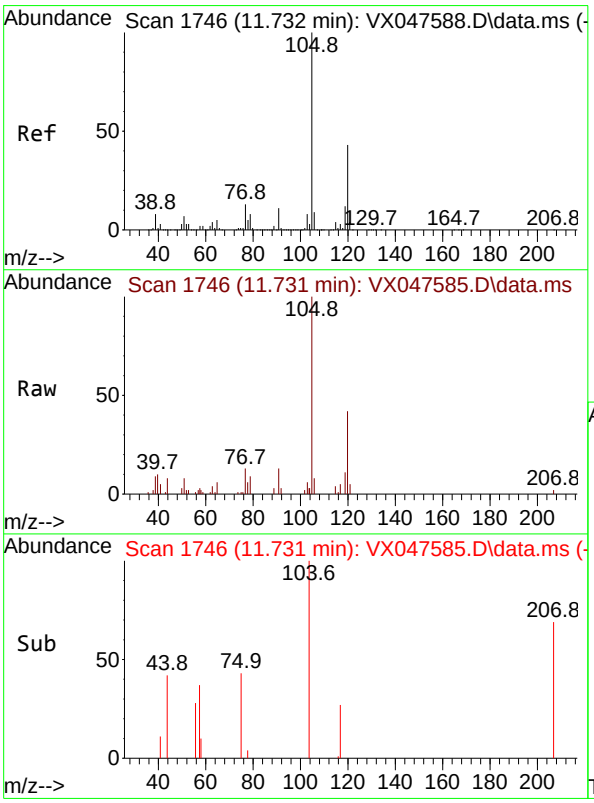
#83
tert-Butylbenzene
Concen: 0.876 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 11311

Ion	Ratio	Lower	Upper
119	100		
91	56.1	29.6	88.8
134	22.5	11.0	33.0

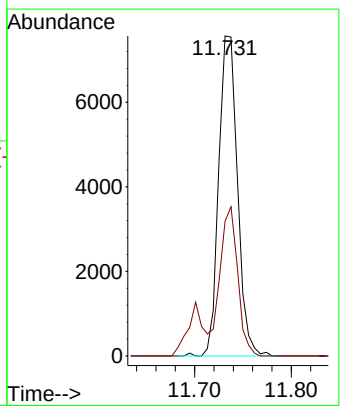


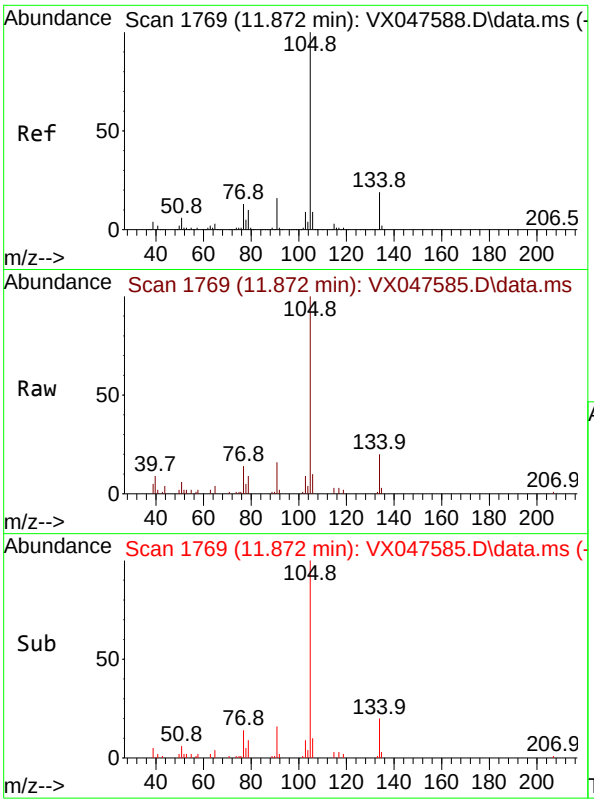


#84
1,2,4-Trimethylbenzene
Concen: 0.796 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 10187

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.1



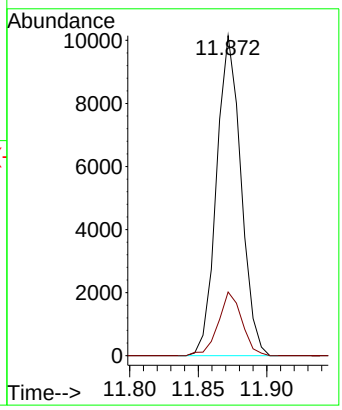


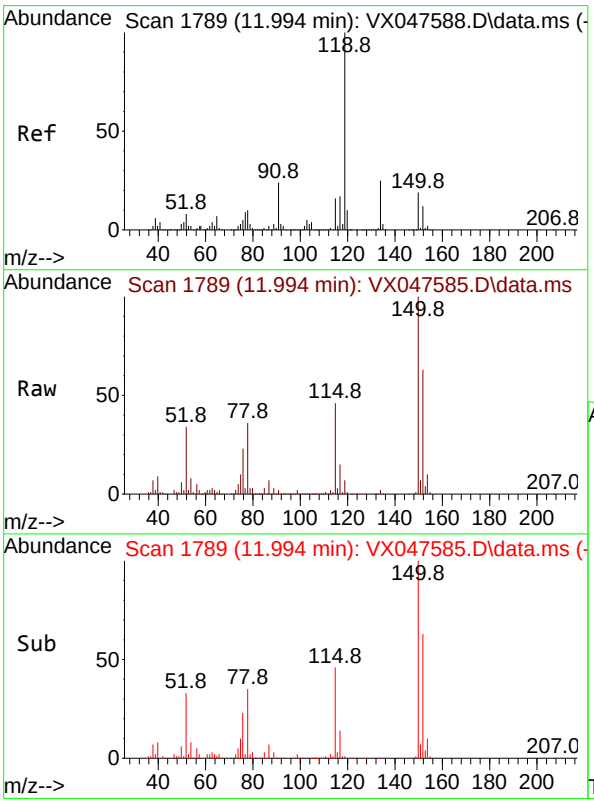
#85
sec-Butylbenzene
Concen: 0.819 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 12561

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5

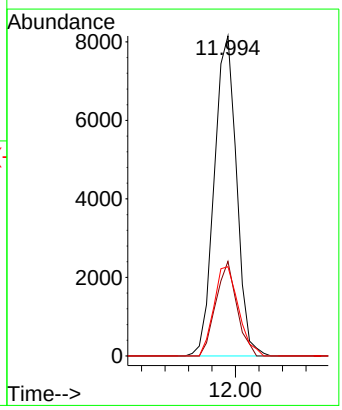


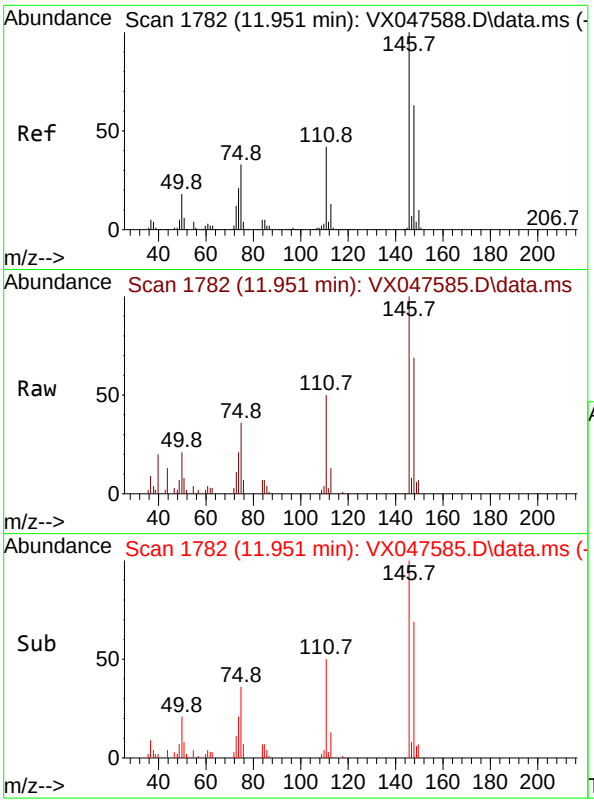


#86
p-Isopropyltoluene
Concen: 0.827 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:119 Resp: 10744

Ion	Ratio	Lower	Upper
119	100		
134	27.9	12.6	37.8
91	30.8	12.6	37.6



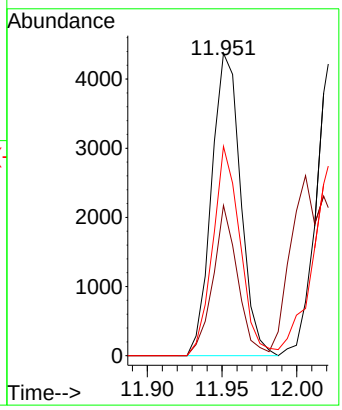


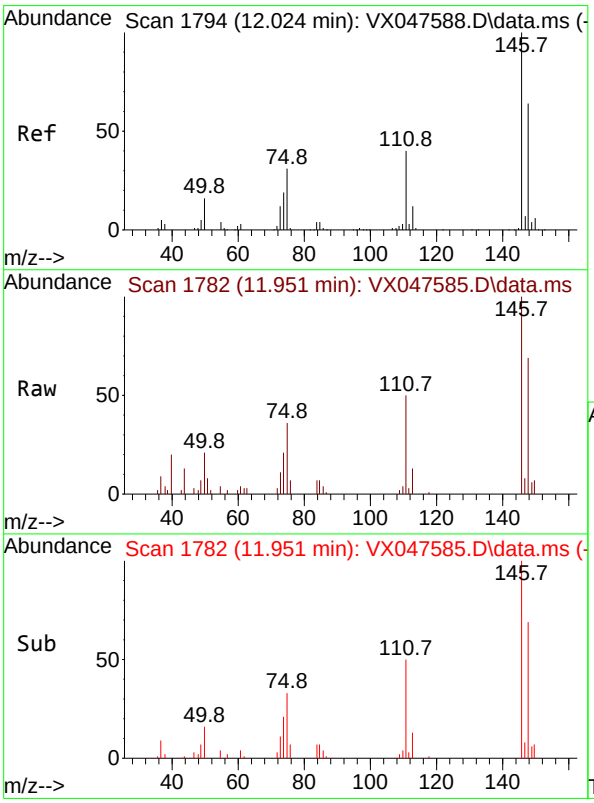
#87
1,3-Dichlorobenzene
Concen: 0.841 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 5907

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	65.5	32.0	96.0

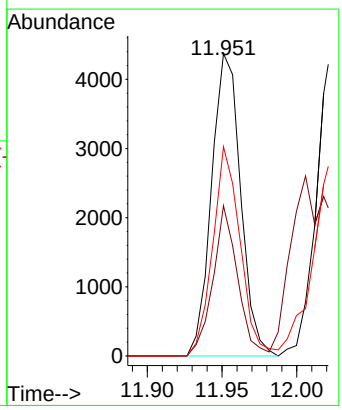


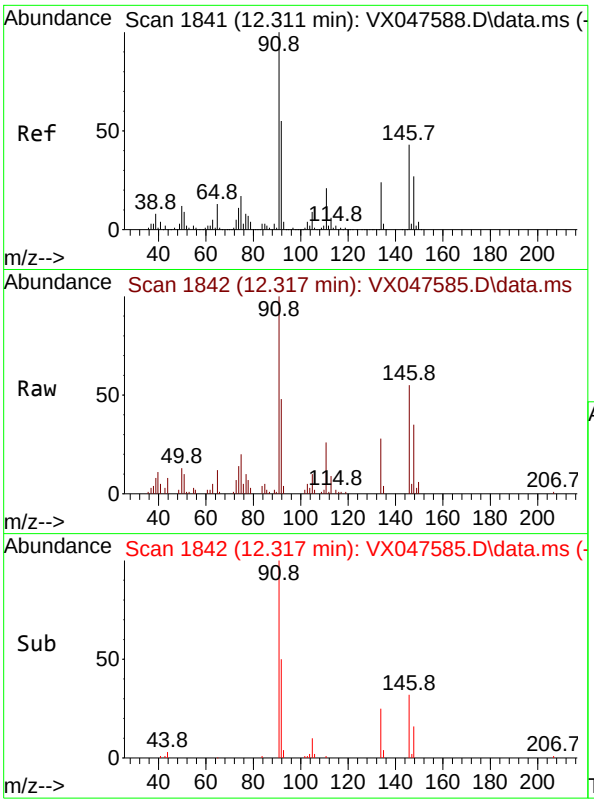


#88
1,4-Dichlorobenzene
Concen: 0.819 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.073 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 5907

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.4
148	65.5	31.7	95.1



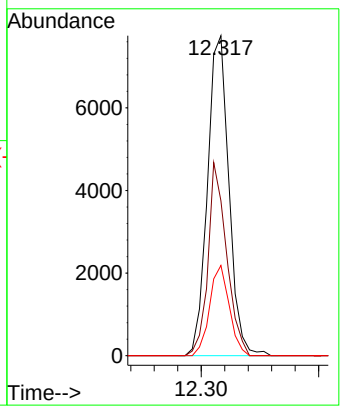


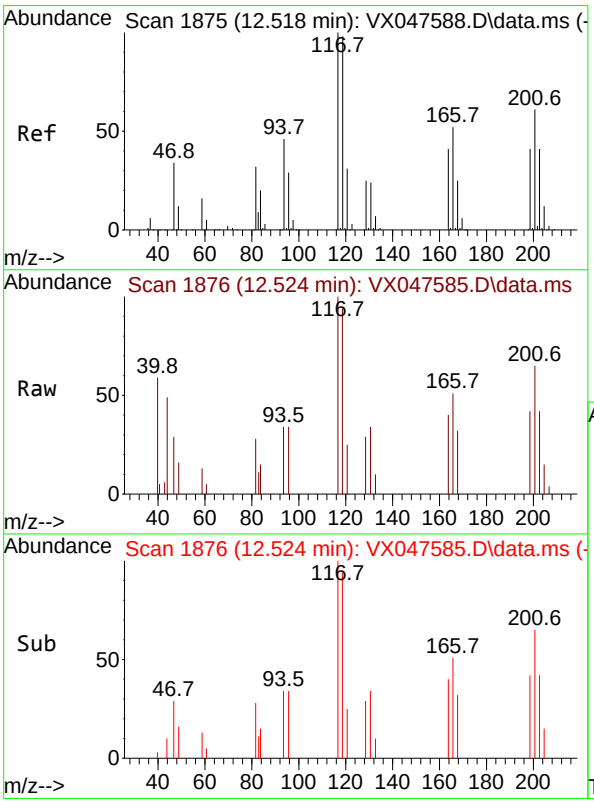
#89
n-Butylbenzene
Concen: 0.816 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 9811

Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.6	82.7
134	25.9	12.6	37.8

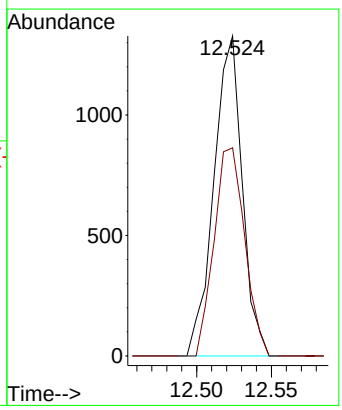


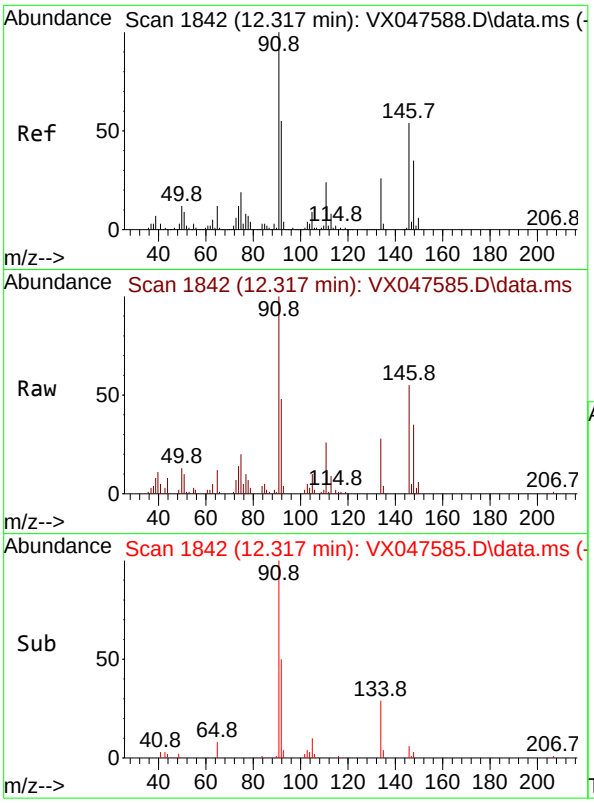


#90
Hexachloroethane
Concen: 0.768 ug/l
RT: 12.524 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 1752

Ion	Ratio	Lower	Upper
117	100		
201	70.4	34.2	102.5



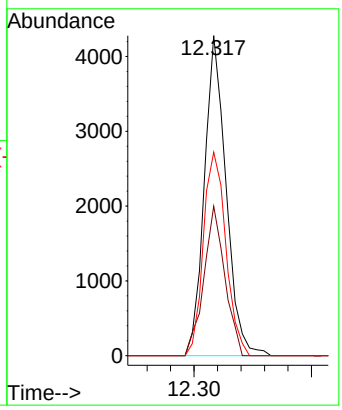


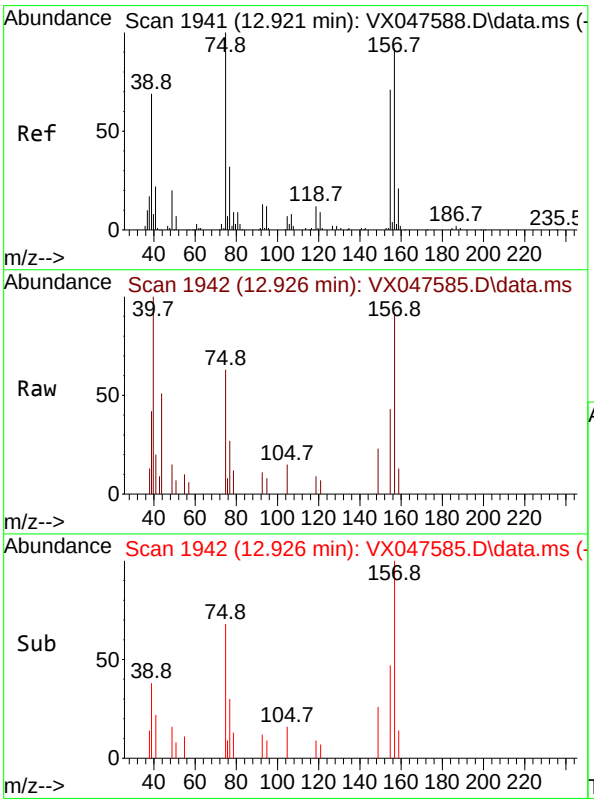
#91
1,2-Dichlorobenzene
Concen: 0.820 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 5491

Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.2	66.6
148	65.8	31.8	95.4

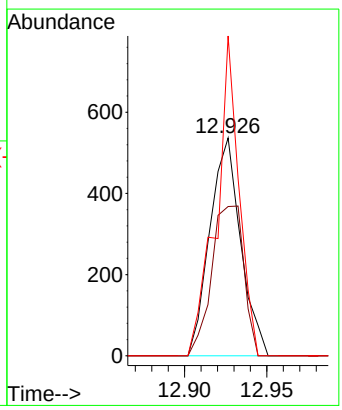


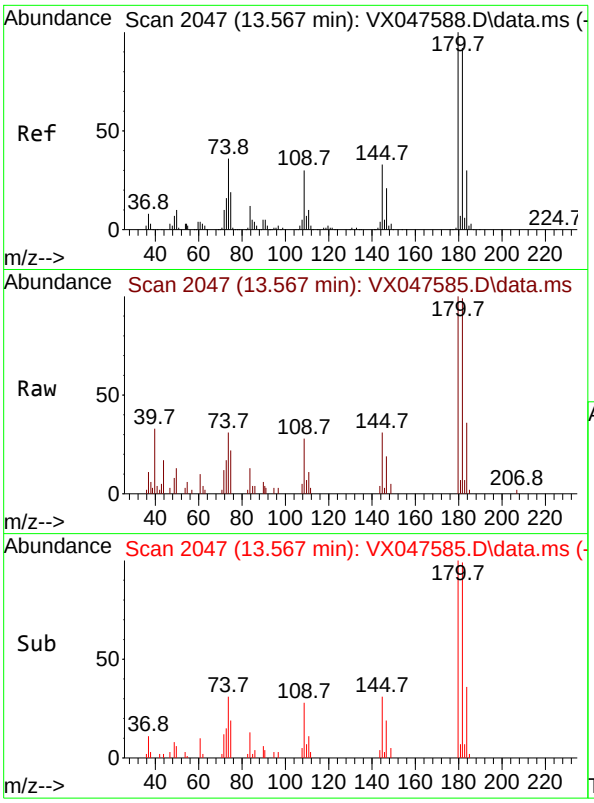


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.742 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 698

Ion	Ratio	Lower	Upper
75	100		
155	72.1	37.7	113.1
157	108.7	49.8	149.4



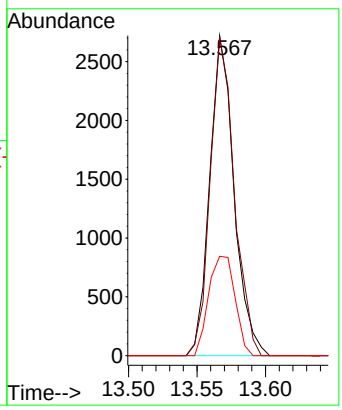


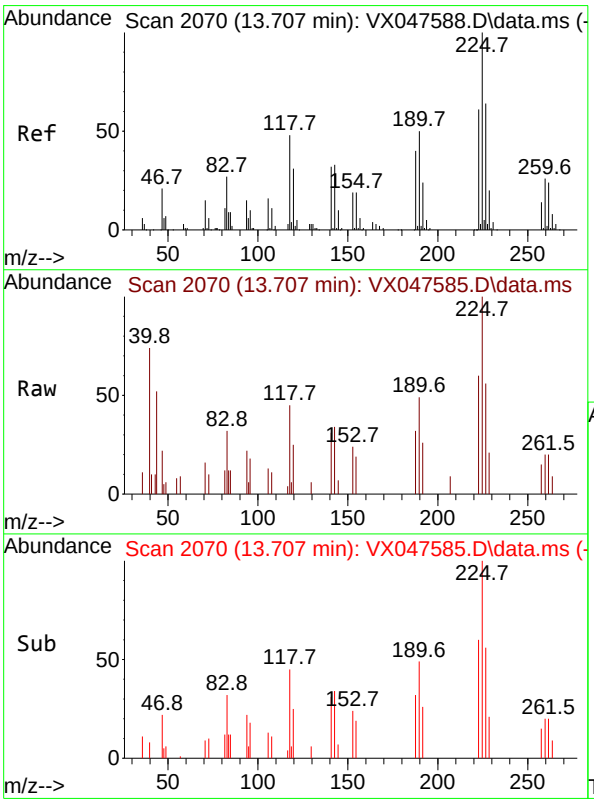
#93
1,2,4-Trichlorobenzene
Concen: 0.772 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 3358

Ion	Ratio	Lower	Upper
180	100		
182	98.6	46.6	139.8
145	33.7	16.4	49.1

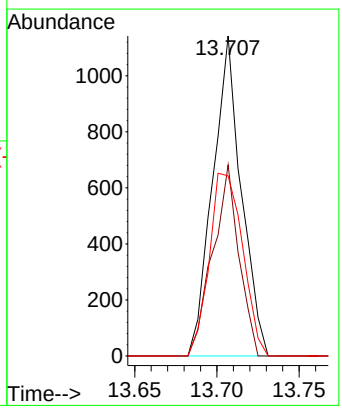


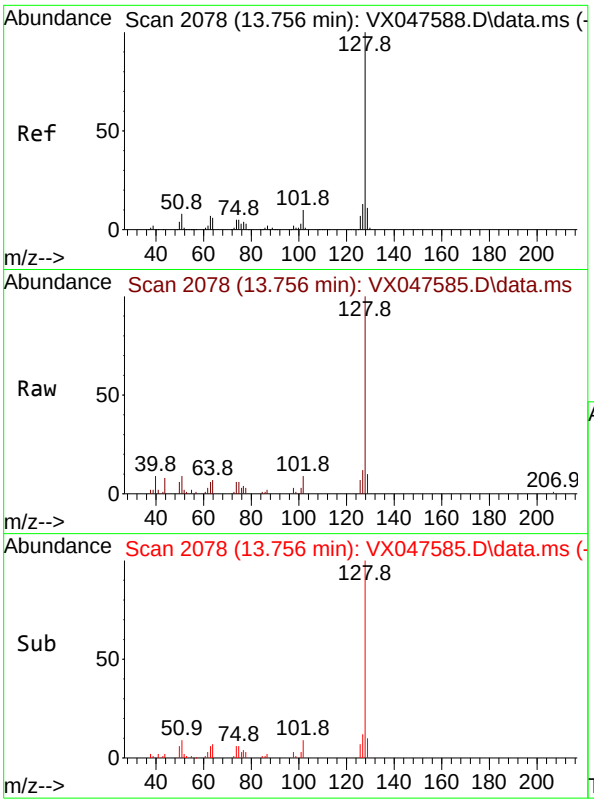


#94
Hexachlorobutadiene
Concen: 0.933 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:225 Resp: 1378

Ion	Ratio	Lower	Upper
225	100		
223	54.8	31.7	95.1
227	66.7	32.0	96.0



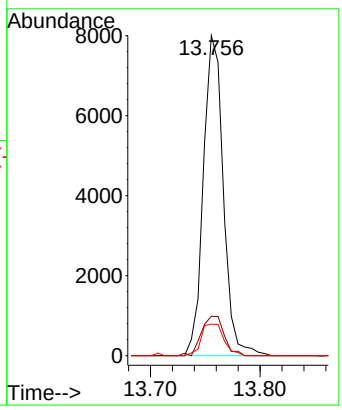


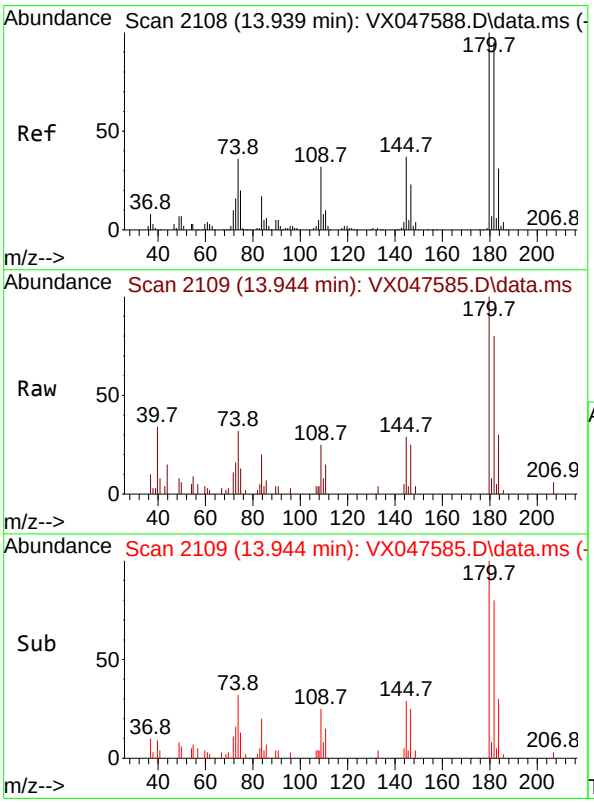
#95
Naphthalene
Concen: 0.763 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 10112

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	11.2	8.8	13.2

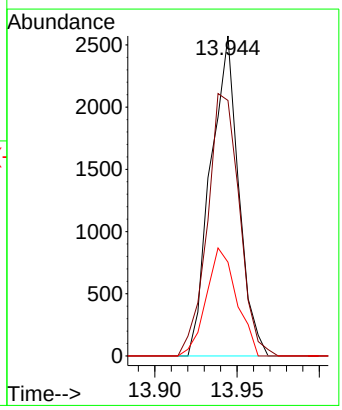




#96
1,2,3-Trichlorobenzene
Concen: 0.752 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:180 Resp: 3043

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.6	142.8
145	36.6	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICC005

Quant Time: Sep 22 01:48:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	198376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	355026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	317288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	156219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	17538	5.554	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.100%#		
35) Dibromofluoromethane	5.373	113	12647	5.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.620%#		
50) Toluene-d8	8.635	98	43926	5.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.061	95	16974	5.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.860%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	11403	5.551	ug/l	93
3) Chloromethane	1.301	50	14854	5.502	ug/l	99
4) Vinyl Chloride	1.380	62	14147	5.353	ug/l	97
5) Bromomethane	1.618	94	9780	5.836	ug/l	87
6) Chloroethane	1.697	64	8926	5.053	ug/l	96
7) Trichlorofluoromethane	1.898	101	20497	5.223	ug/l	100
8) Diethyl Ether	2.136	74	8039	5.008	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	11729	5.112	ug/l	98
10) Methyl Iodide	2.453	142	17159	4.795	ug/l	98
11) Tert butyl alcohol	2.947	59	8399	23.883	ug/l	99
12) 1,1-Dichloroethene	2.325	96	12131	5.147	ug/l	91
13) Acrolein	2.239	56	7080	21.847	ug/l	95
14) Allyl chloride	2.666	41	25135	5.168	ug/l	99
15) Acrylonitrile	3.062	53	32587	25.016	ug/l	99
16) Acetone	2.374	43	41297	30.079	ug/l	97
17) Carbon Disulfide	2.514	76	34426	5.335	ug/l	100
18) Methyl Acetate	2.703	43	13357	4.371	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	44396	5.160	ug/l	98
20) Methylene Chloride	2.788	84	15307	5.267	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	13937	5.492	ug/l	97
22) Diisopropyl ether	3.757	45	50213	5.327	ug/l	98
23) Vinyl Acetate	3.715	43	192175	25.474	ug/l	99
24) 1,1-Dichloroethane	3.611	63	26292	5.248	ug/l	97
25) 2-Butanone	4.544	43	46651	27.240	ug/l	92
26) 2,2-Dichloropropane	4.465	77	21738	5.220	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	15996	5.147	ug/l	98
28) Bromochloromethane	4.891	49	12047	5.508	ug/l	95
29) Tetrahydrofuran	4.995	42	26729	25.944	ug/l	92
30) Chloroform	5.080	83	27054	5.344	ug/l	99
31) Cyclohexane	5.458	56	23032	5.520	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	22279	5.188	ug/l	96
36) 1,1-Dichloropropene	5.684	75	18455	5.304	ug/l	98
37) Ethyl Acetate	4.708	43	19913	5.345	ug/l #	97
38) Carbon Tetrachloride	5.666	117	20376	5.390	ug/l	96
39) Methylcyclohexane	7.367	83	20900	5.292	ug/l	97
40) Benzene	6.019	78	55996	5.299	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 22 01:48:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	9390	4.883	ug/l		95
42) 1,2-Dichloroethane	6.074	62	21117	5.252	ug/l		99
43) Isopropyl Acetate	6.324	43	31304	5.124	ug/l		99
44) Trichloroethene	7.111	130	13576	5.314	ug/l		97
45) 1,2-Dichloropropane	7.415	63	14305	5.287	ug/l		99
46) Dibromomethane	7.568	93	10133	5.146	ug/l		99
47) Bromodichloromethane	7.806	83	21270	5.235	ug/l		99
48) Methyl methacrylate	7.677	41	14959	4.915	ug/l		99
49) 1,4-Dioxane	7.653	88	3017	98.096	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.555	43	87492	25.828	ug/l		100
52) Toluene	8.702	92	34314	5.271	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	20863	5.034	ug/l		97
54) cis-1,3-Dichloropropene	8.354	75	23157	5.227	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	12968	5.166	ug/l		91
56) Ethyl methacrylate	9.104	69	19980	5.068	ug/l		97
57) 1,3-Dichloropropane	9.293	76	22989	5.331	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	37585	27.899	ug/l		98
59) 2-Hexanone	9.415	43	66356	27.275	ug/l		99
60) Dibromochloromethane	9.506	129	14705	5.084	ug/l		95
61) 1,2-Dibromoethane	9.592	107	13461	5.264	ug/l		98
64) Tetrachloroethene	9.256	164	11228	5.428	ug/l		97
65) Chlorobenzene	10.061	112	37507	5.203	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.147	131	12807	5.149	ug/l		99
67) Ethyl Benzene	10.177	91	65908	5.299	ug/l		100
68) m/p-Xylenes	10.287	106	49132	10.613	ug/l		99
69) o-Xylene	10.628	106	23300	5.204	ug/l		98
70) Styrene	10.640	104	40872	5.210	ug/l		99
71) Bromoform	10.781	173	9298	5.006	ug/l	#	97
73) Isopropylbenzene	10.945	105	61029	5.139	ug/l		100
74) N-amyl acetate	10.823	43	26969	4.980	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	18462	5.138	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	18494	5.847	ug/l		96
77) Bromobenzene	11.183	156	15066	5.150	ug/l		99
78) n-propylbenzene	11.287	91	72900	5.192	ug/l		100
79) 2-Chlorotoluene	11.348	91	44663	5.194	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	50535	5.179	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	5413	4.364	ug/l		91
82) 4-Chlorotoluene	11.439	91	52294	5.149	ug/l		100
83) tert-Butylbenzene	11.695	119	50350	5.041	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	51583	5.214	ug/l		100
85) sec-Butylbenzene	11.872	105	62507	5.268	ug/l		99
86) p-Isopropyltoluene	11.994	119	52674	5.244	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	28116	5.175	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	29519	5.294	ug/l		93
89) n-Butylbenzene	12.317	91	47953	5.159	ug/l		99
90) Hexachloroethane	12.518	117	8830	5.007	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	26409	5.102	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3412	4.690	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	17167	5.103	ug/l		98
94) Hexachlorobutadiene	13.707	225	5894	5.158	ug/l		99
95) Naphthalene	13.756	128	49257	4.808	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	15400	4.921	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 22 01:48:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

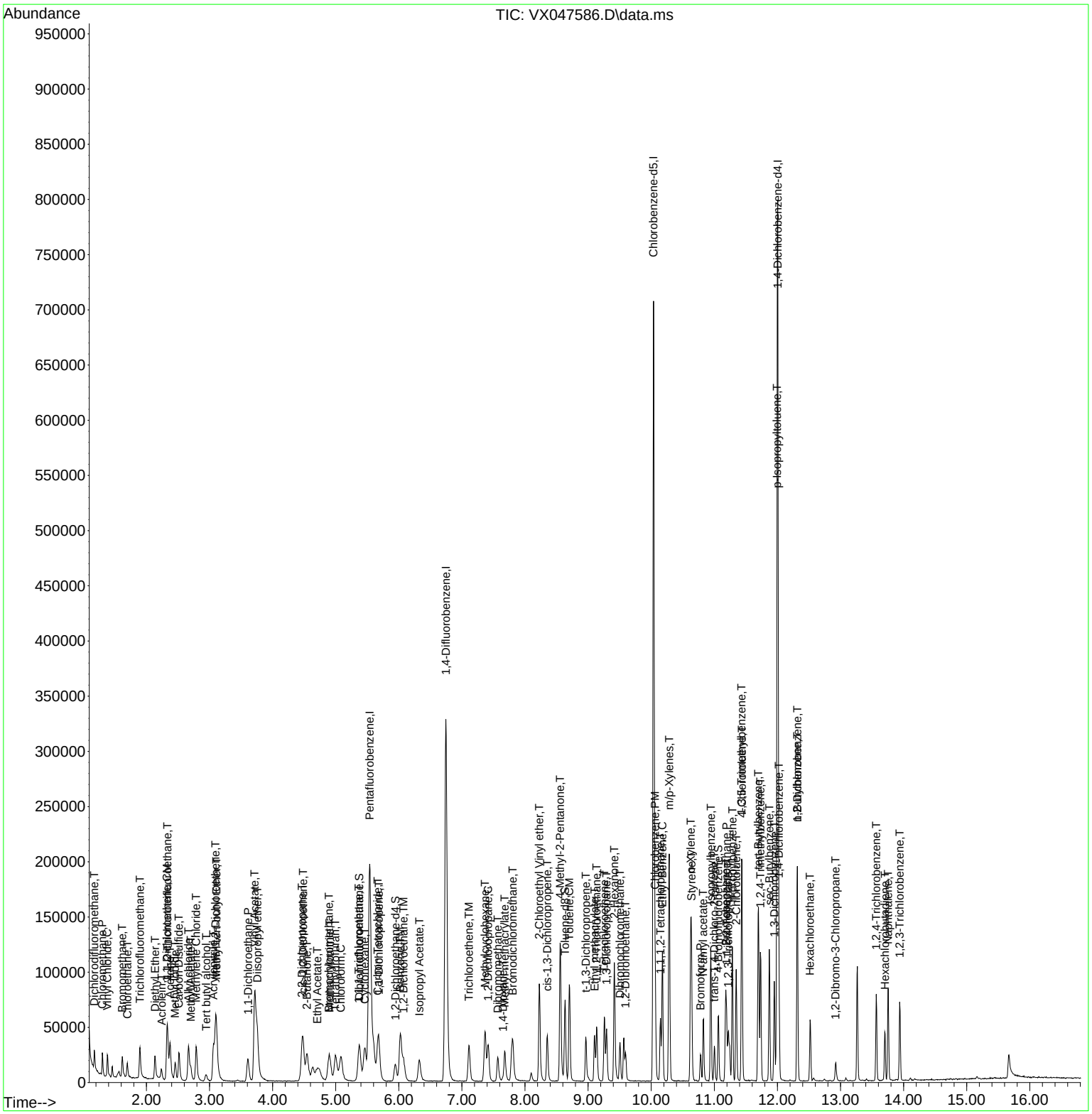
(#) = qualifier out of range (m) = manual integration (+) = signals summed

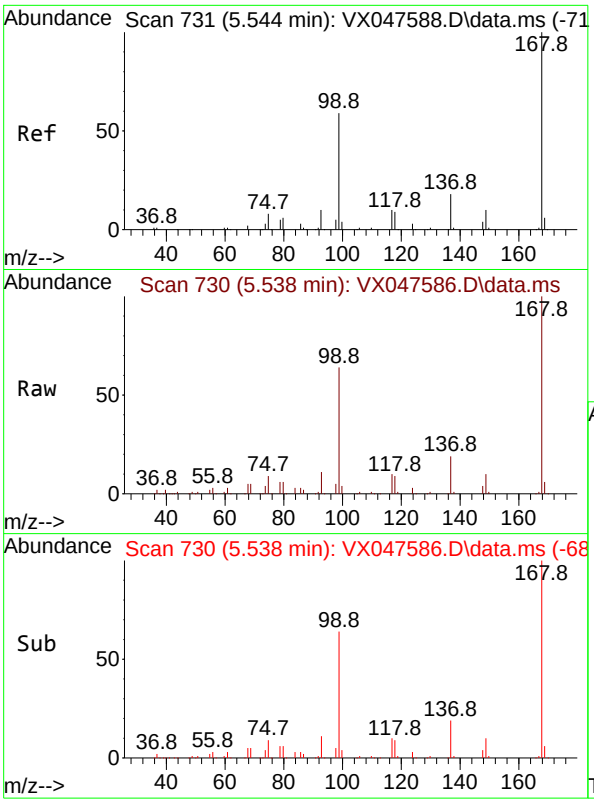
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 22 01:48:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



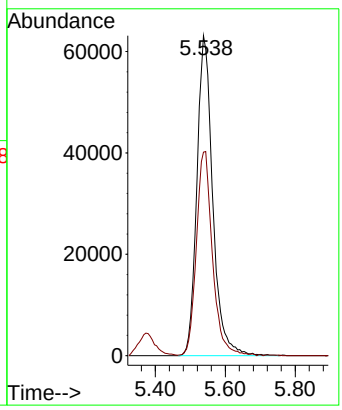


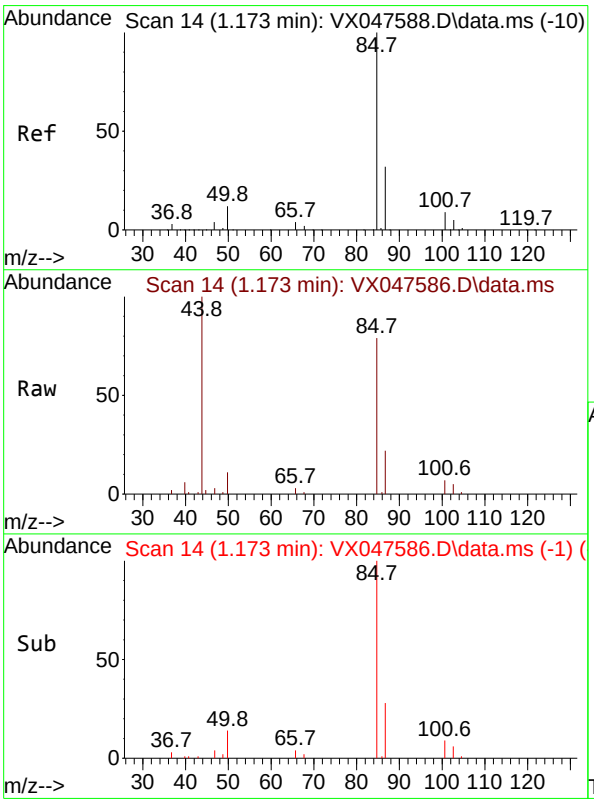
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 198376

Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.8	73.2

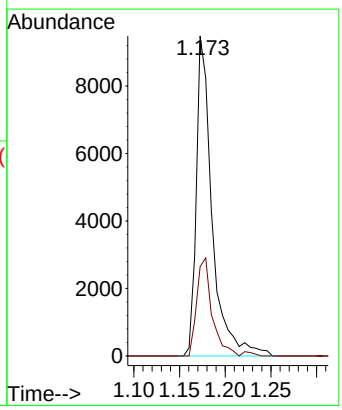


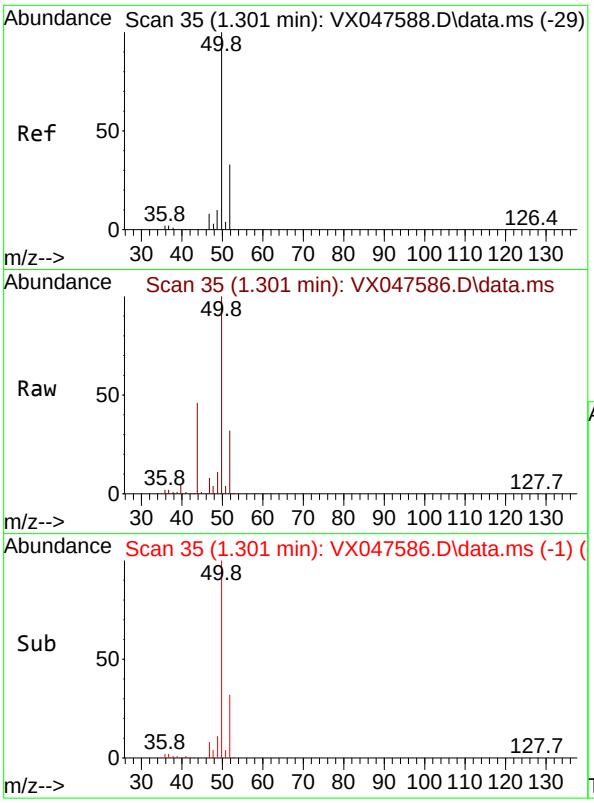


#2
Dichlorodifluoromethane
Concen: 5.551 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 85 Resp: 11403

Ion	Ratio	Lower	Upper
85	100		
87	27.9	15.8	47.3



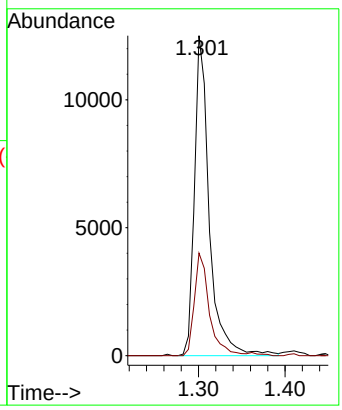


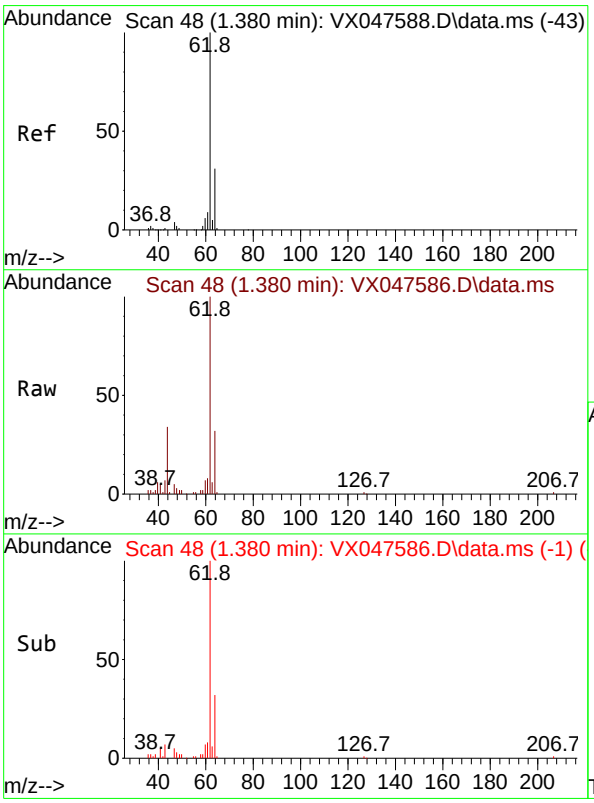
#3
Chloromethane
Concen: 5.502 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 14854

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.1	39.1

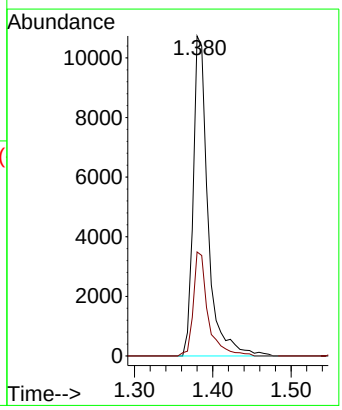


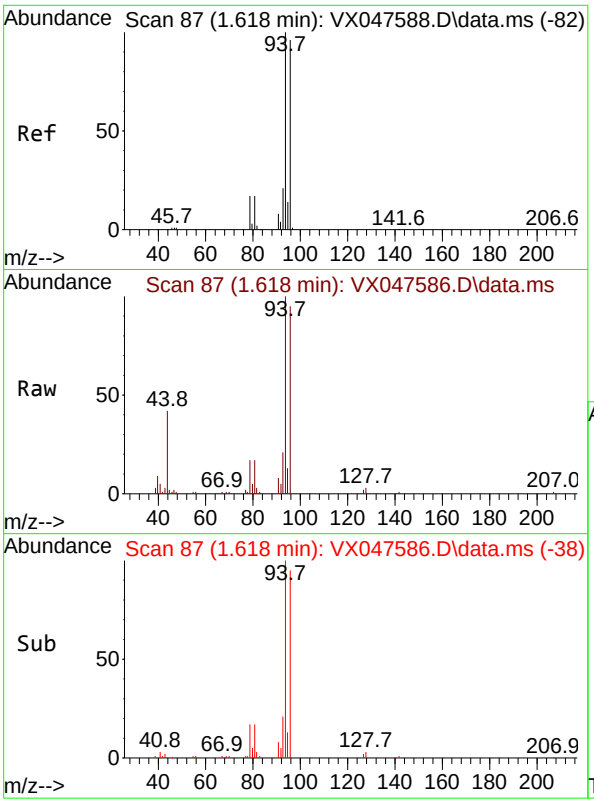


#4
Vinyl Chloride
Concen: 5.353 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 14147

Ion	Ratio	Lower	Upper
62	100		
64	32.5	24.9	37.3



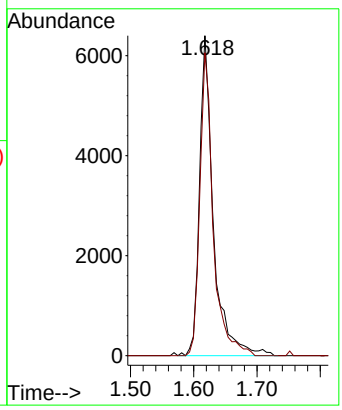


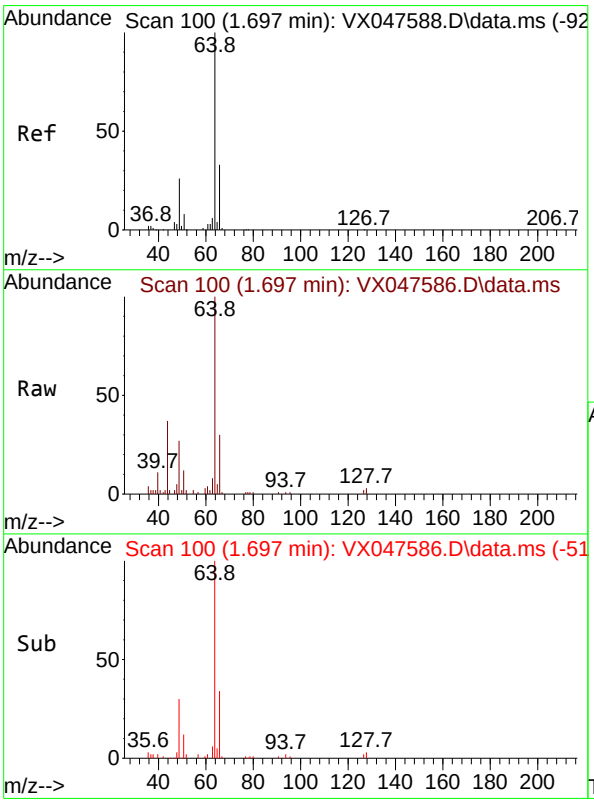
#5
Bromomethane
Concen: 5.836 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 9780

Ion	Ratio	Lower	Upper
94	100		
96	83.6	76.6	115.0

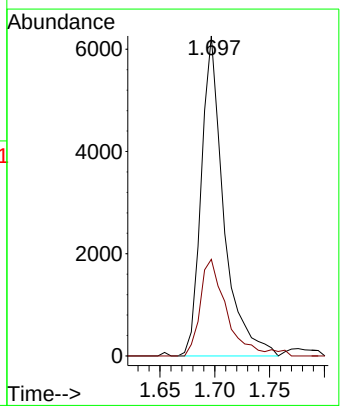


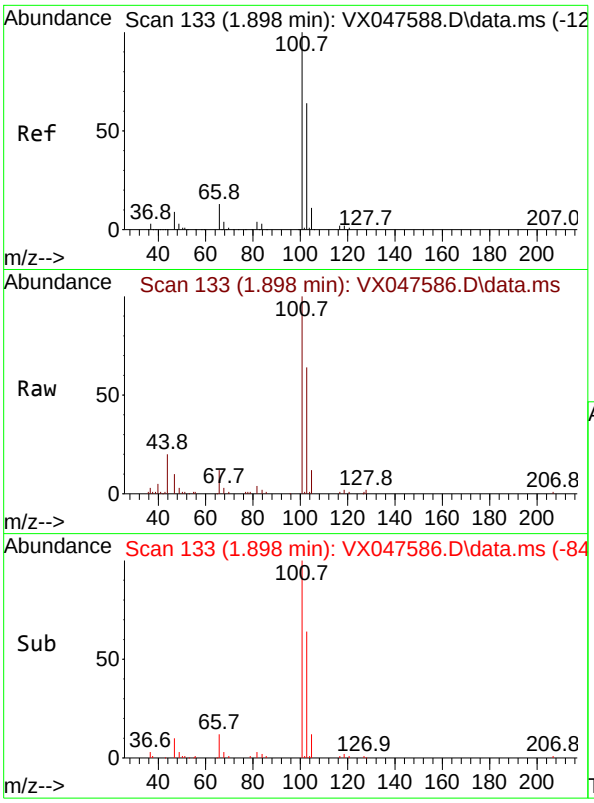


#6
Chloroethane
Concen: 5.053 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 64 Resp: 8926

Ion	Ratio	Lower	Upper
64	100		
66	30.2	26.1	39.1



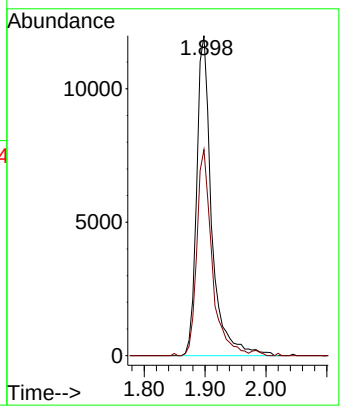


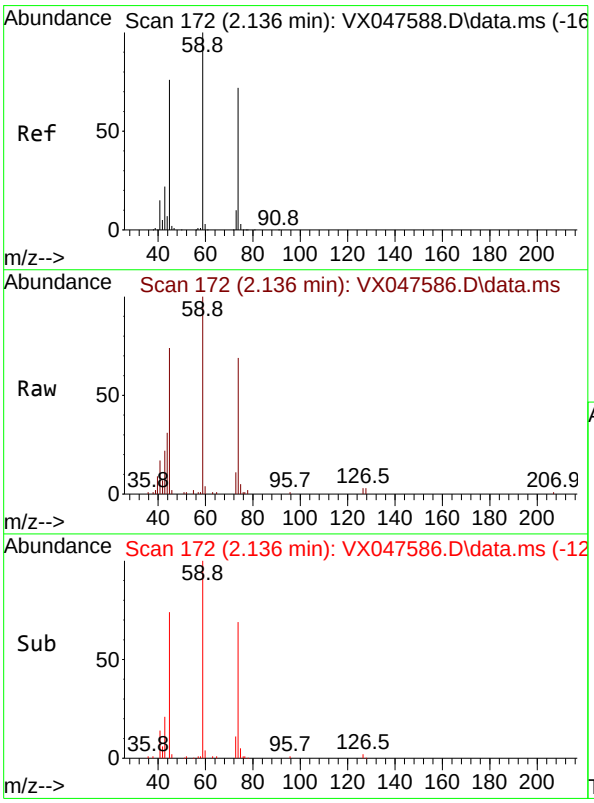
#7
Trichlorofluoromethane
Concen: 5.223 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 20497

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2

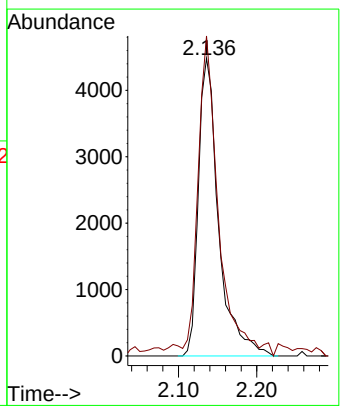


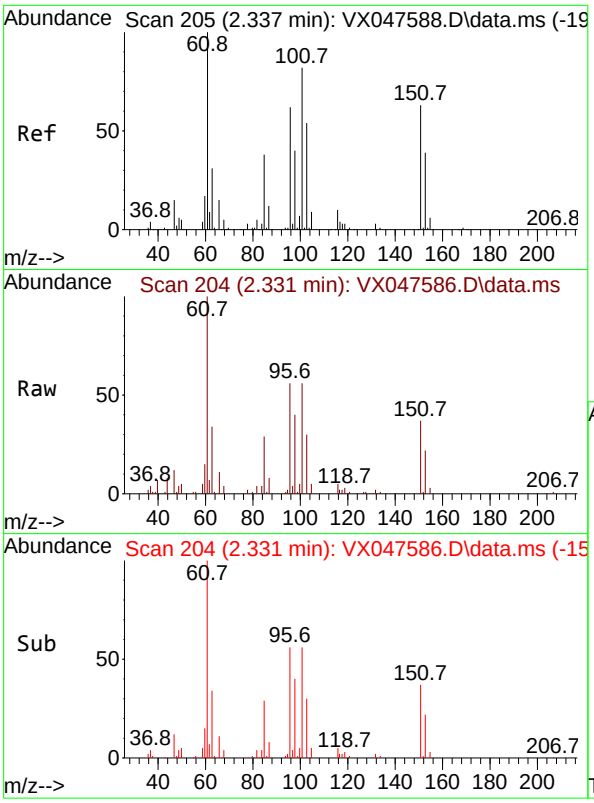


#8
Diethyl Ether
Concen: 5.008 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 74 Resp: 8039

Ion	Ratio	Lower	Upper
74	100		
45	111.7	52.3	156.8



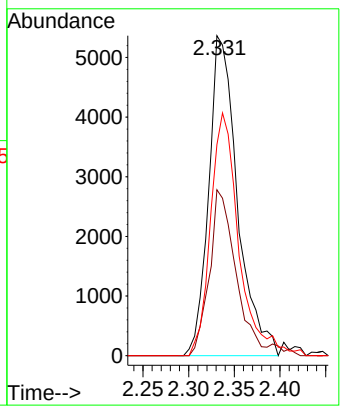


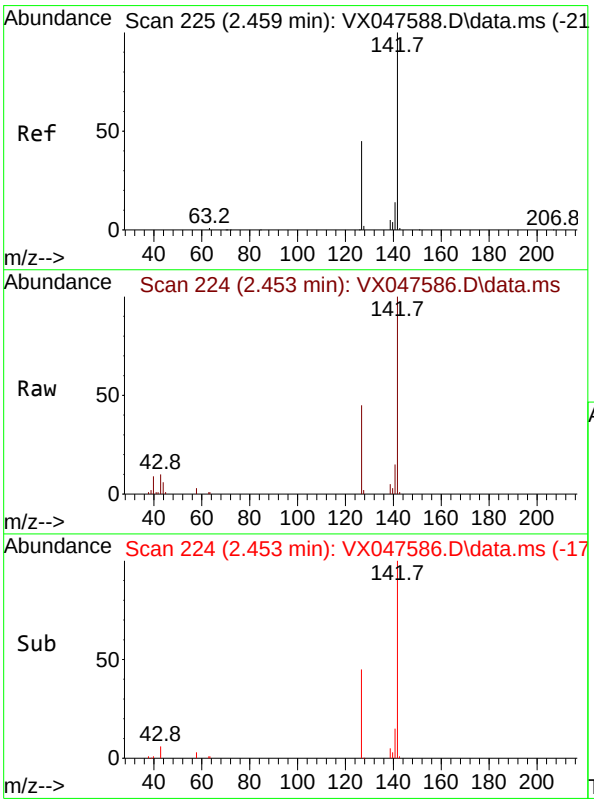
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.112 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 11729

Ion	Ratio	Lower	Upper
101	100		
85	47.5	35.5	53.3
151	75.0	59.4	89.0

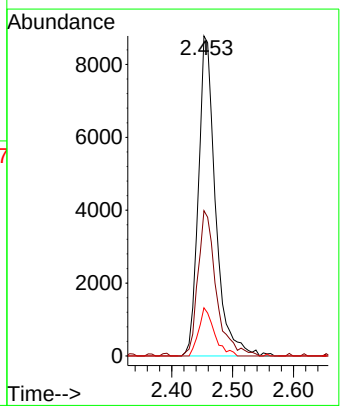


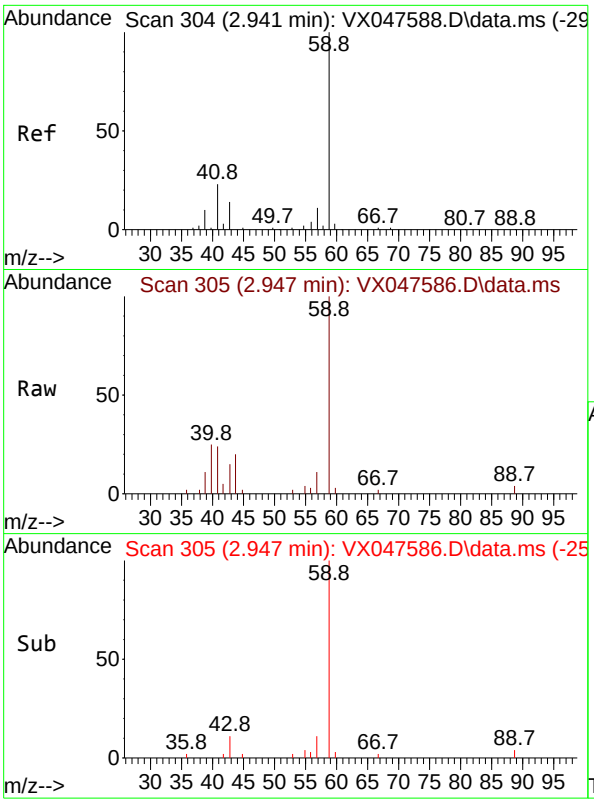


#10
Methyl Iodide
Concen: 4.795 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:142 Resp: 17159

Ion	Ratio	Lower	Upper
142	100		
127	48.4	37.2	55.8
141	13.8	11.4	17.0



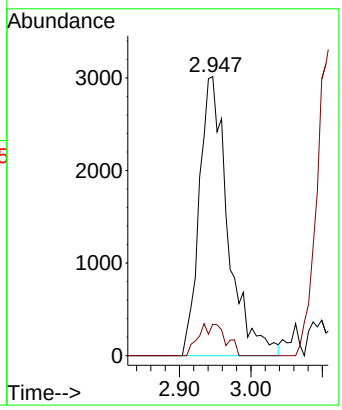


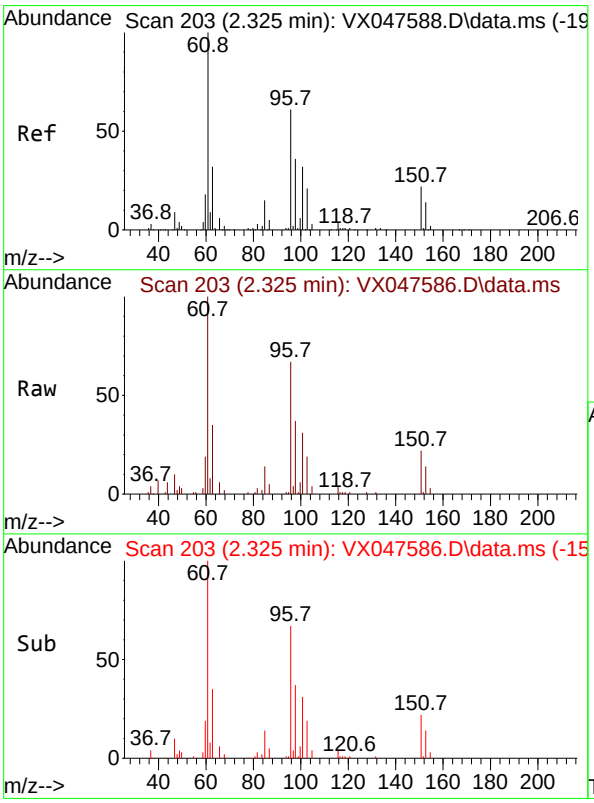
#11
Tert butyl alcohol
Concen: 23.883 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 8399

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5

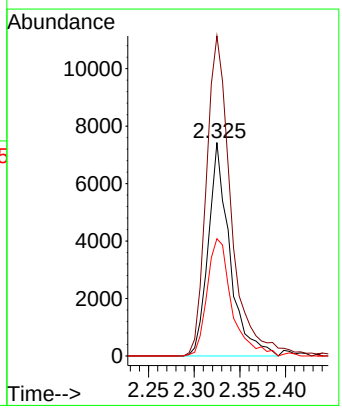


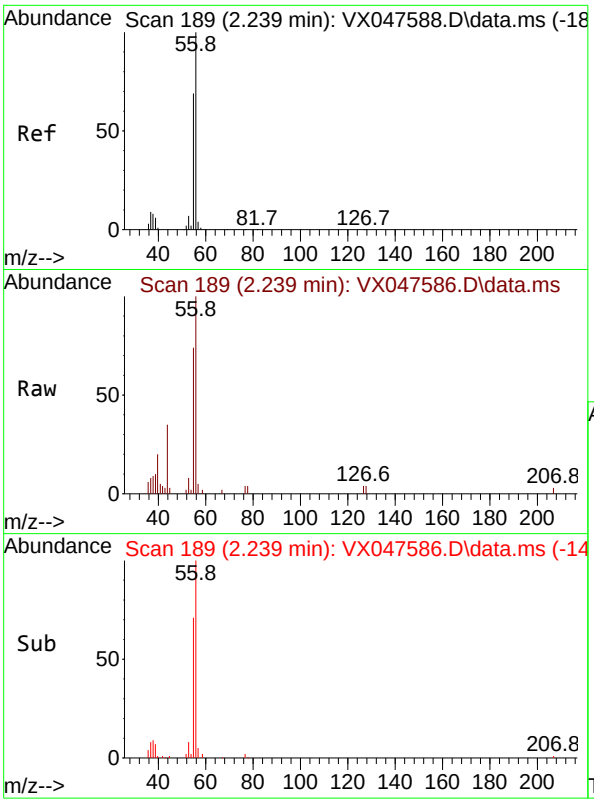


#12
1,1-Dichloroethene
Concen: 5.147 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 96 Resp: 12131

Ion	Ratio	Lower	Upper
96	100		
61	149.9	131.0	196.6
98	54.9	47.7	71.5



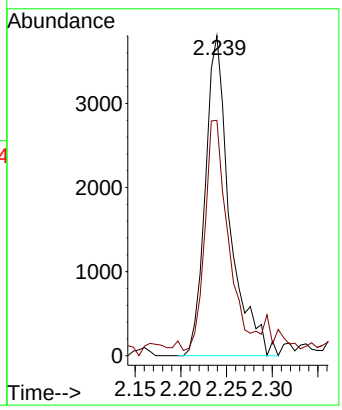


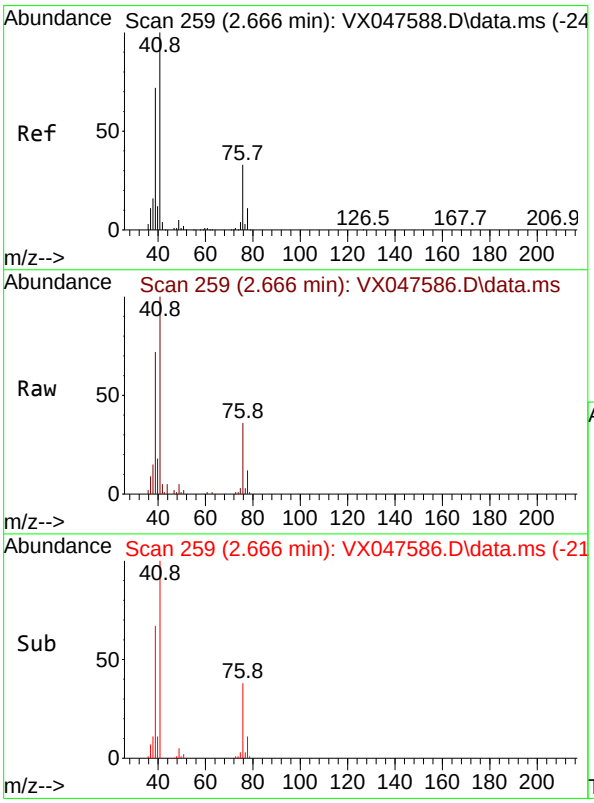
#13
Acrolein
Concen: 21.847 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 7080

Ion	Ratio	Lower	Upper
56	100		
55	67.1	57.2	85.8

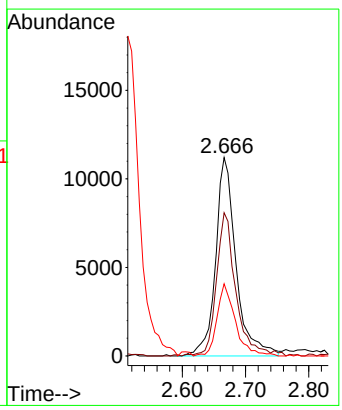


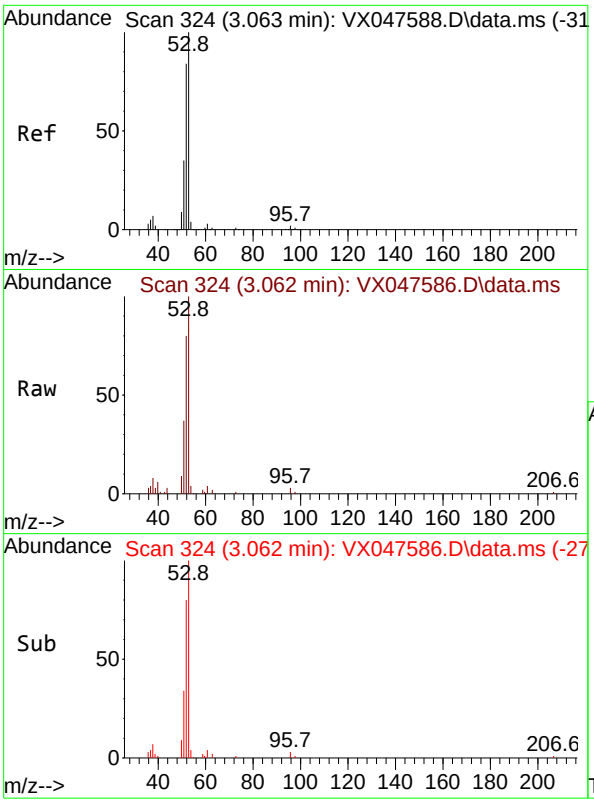


#14
Allyl chloride
Concen: 5.168 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 25135

Ion	Ratio	Lower	Upper
41	100		
39	69.1	54.7	82.1
76	32.4	25.7	38.5



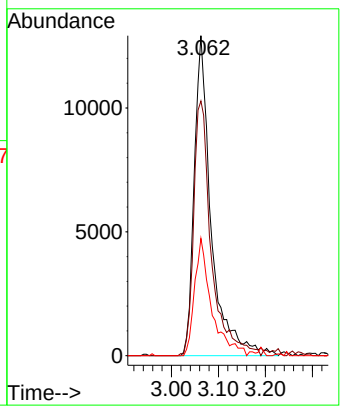


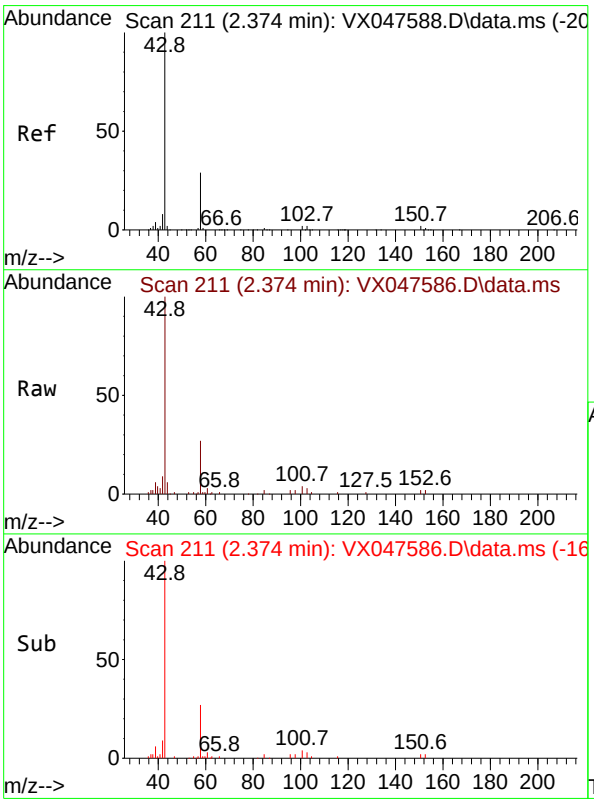
#15
Acrylonitrile
Concen: 25.016 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 32587

Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.4	99.6
51	36.5	29.5	44.3

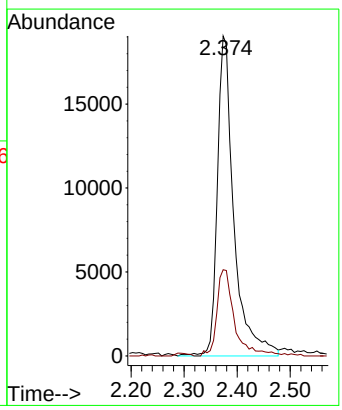


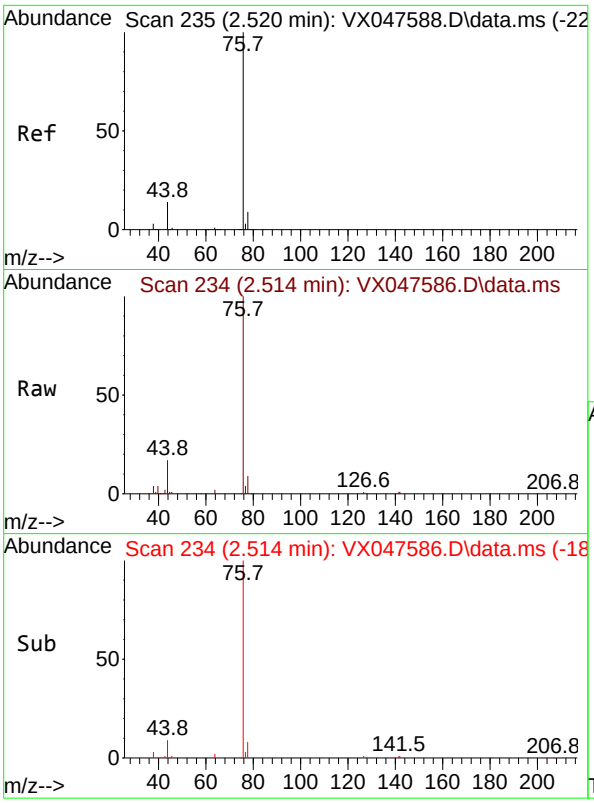


#16
Acetone
Concen: 30.079 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 41297

Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.4	35.0



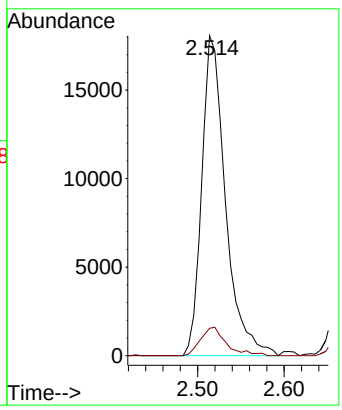


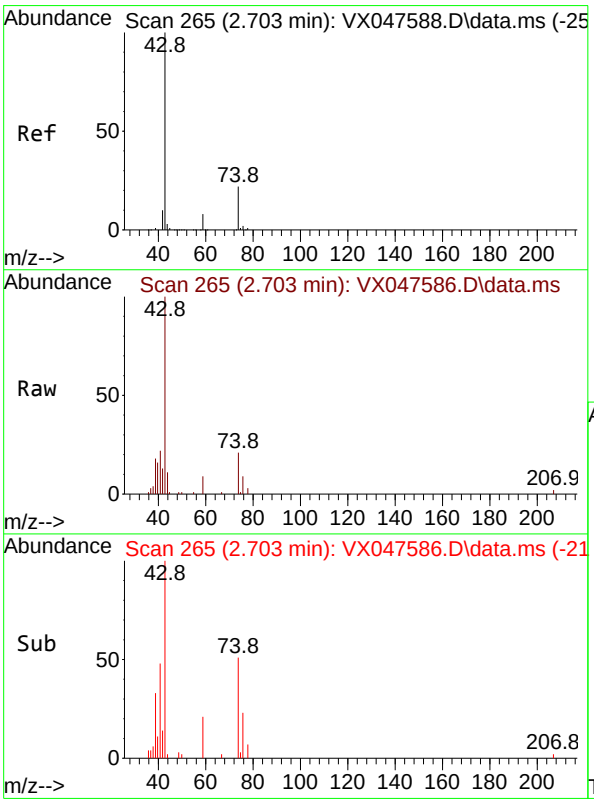
#17
Carbon Disulfide
Concen: 5.335 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 34426

Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.8	10.2

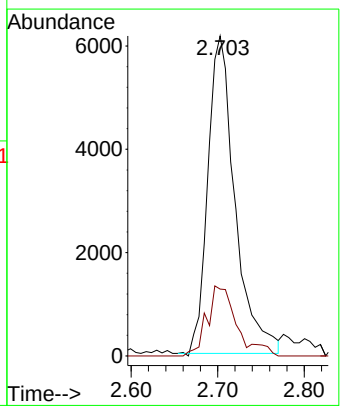


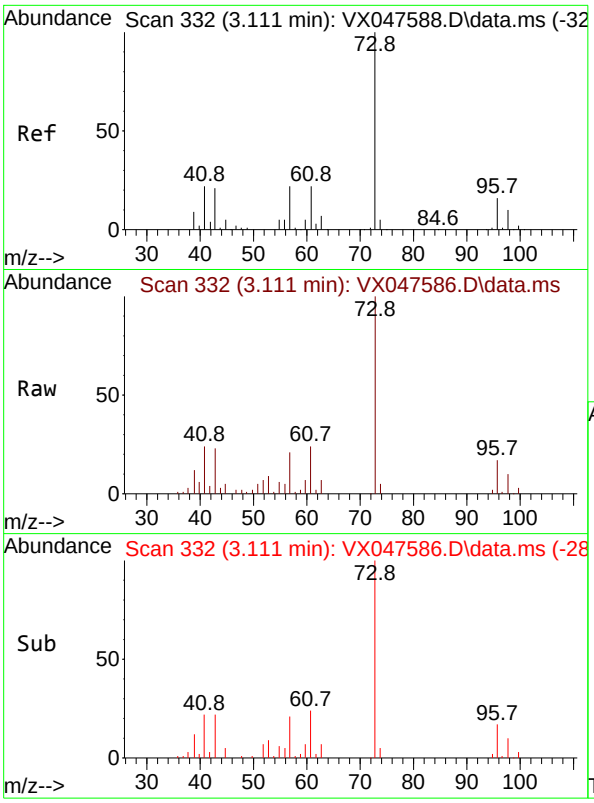


#18
Methyl Acetate
Concen: 4.371 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 13357

Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.4	26.2



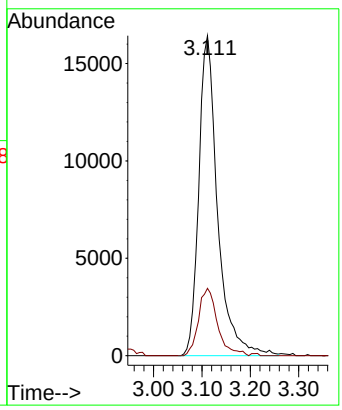


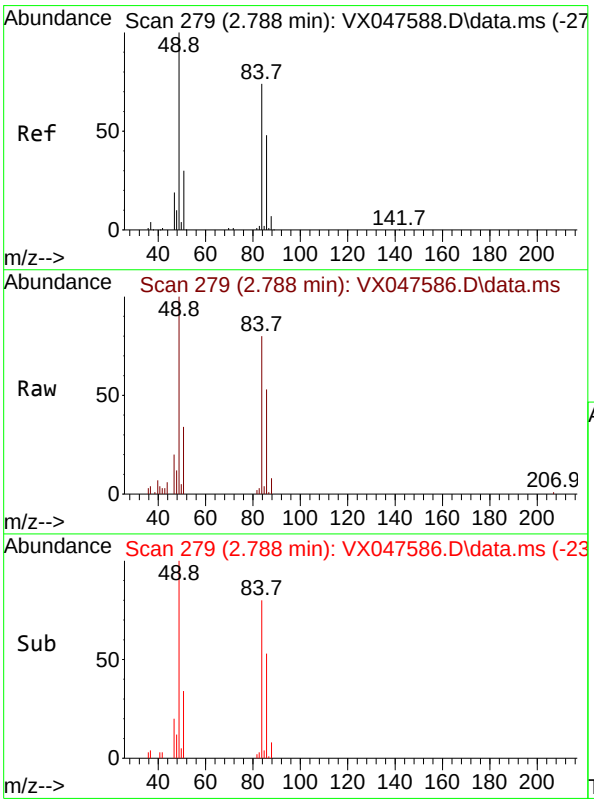
#19
Methyl tert-butyl Ether
Concen: 5.160 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 44396

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2

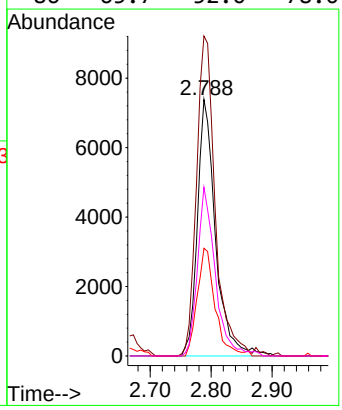


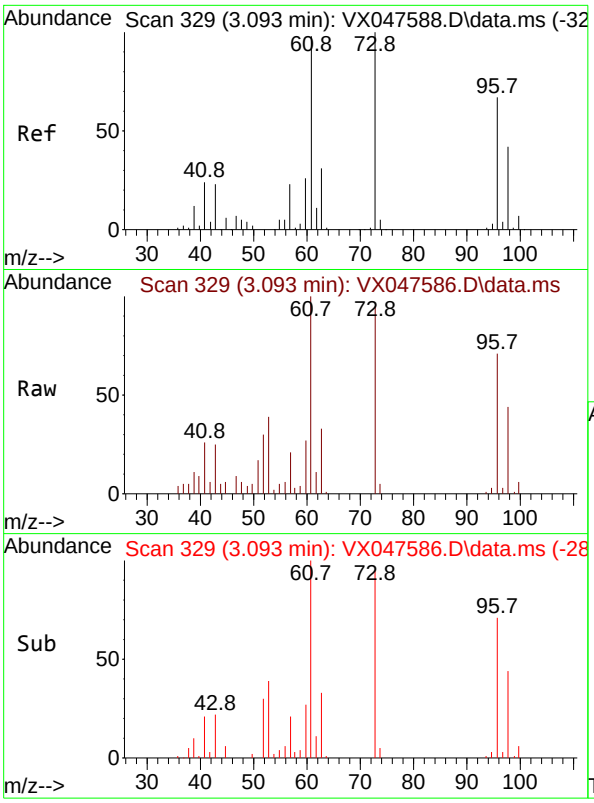


#20
Methylene Chloride
Concen: 5.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 84 Resp: 15307

Ion	Ratio	Lower	Upper
84	100		
49	124.7	108.6	162.8
51	42.0	32.6	48.8
86	65.7	52.0	78.0



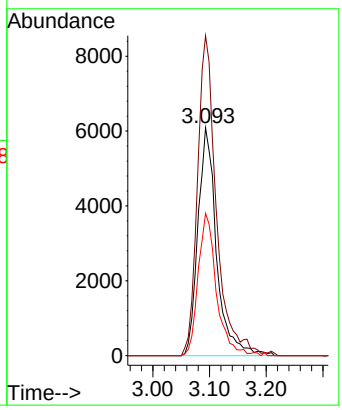


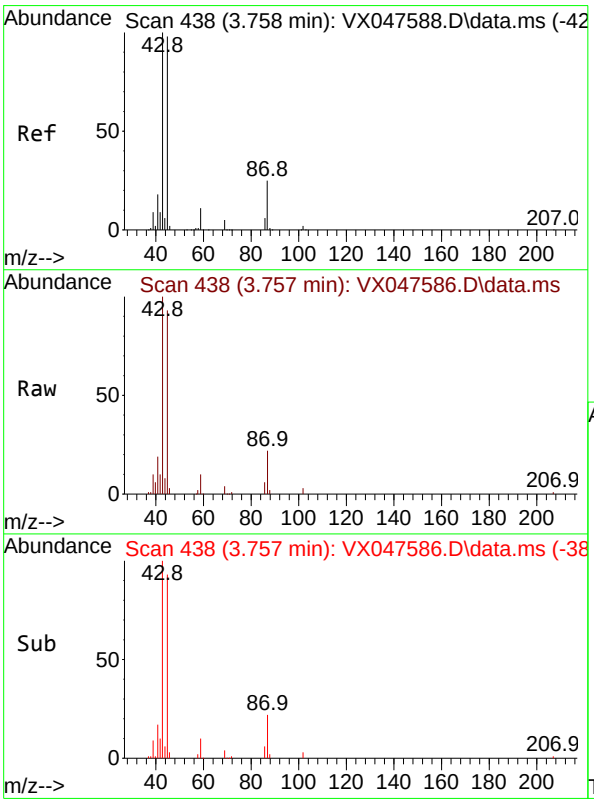
#21
trans-1,2-Dichloroethene
Concen: 5.492 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 13937

Ion	Ratio	Lower	Upper
96	100		
61	140.4	116.2	174.2
98	62.4	49.3	73.9

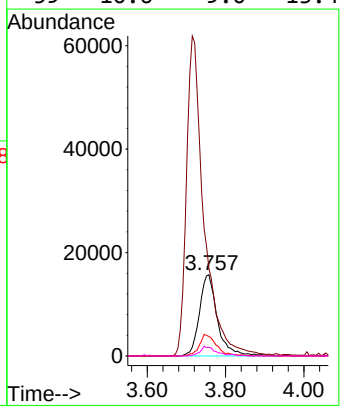


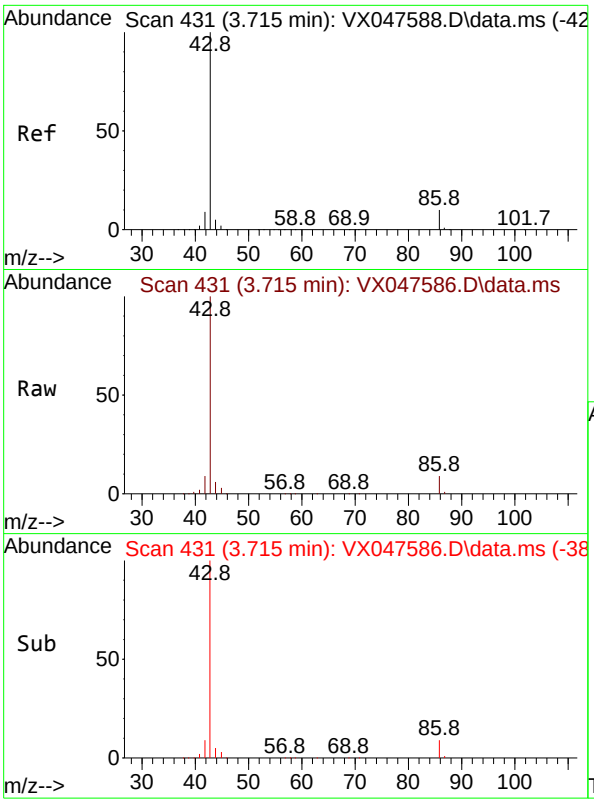


#22
Diisopropyl ether
Concen: 5.327 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 45 Resp: 50213

Ion	Ratio	Lower	Upper
45	100		
43	102.8	81.0	121.4
87	23.3	20.3	30.5
59	10.6	9.0	13.4



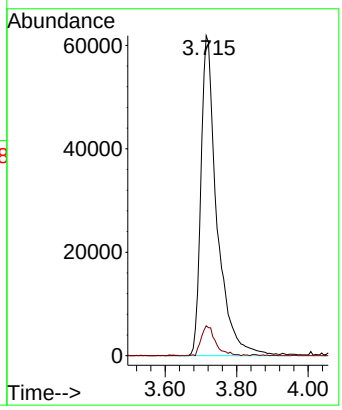


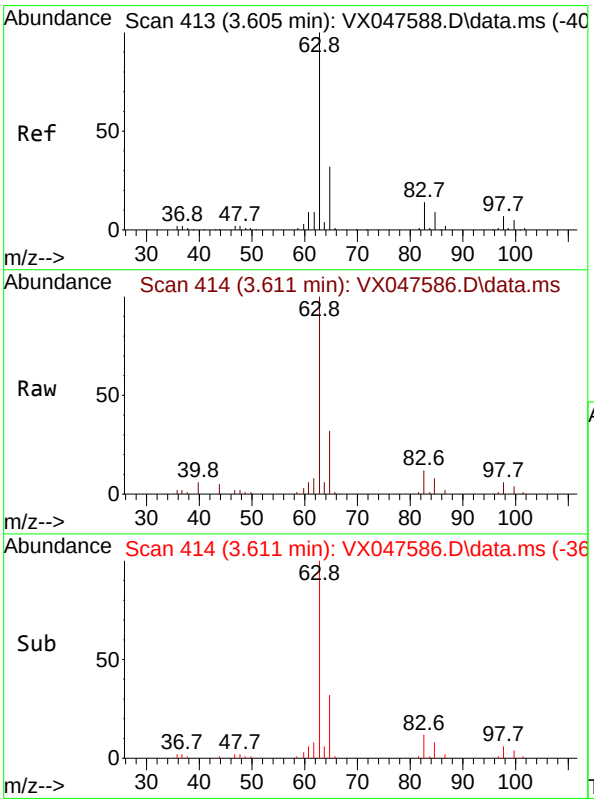
#23
Vinyl Acetate
Concen: 25.474 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 192175

Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.8	11.8

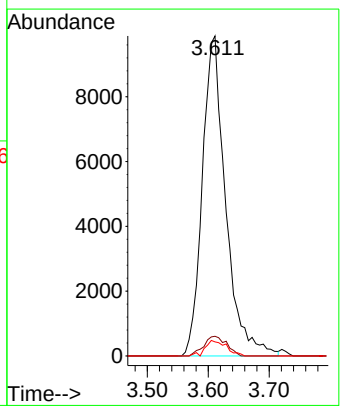


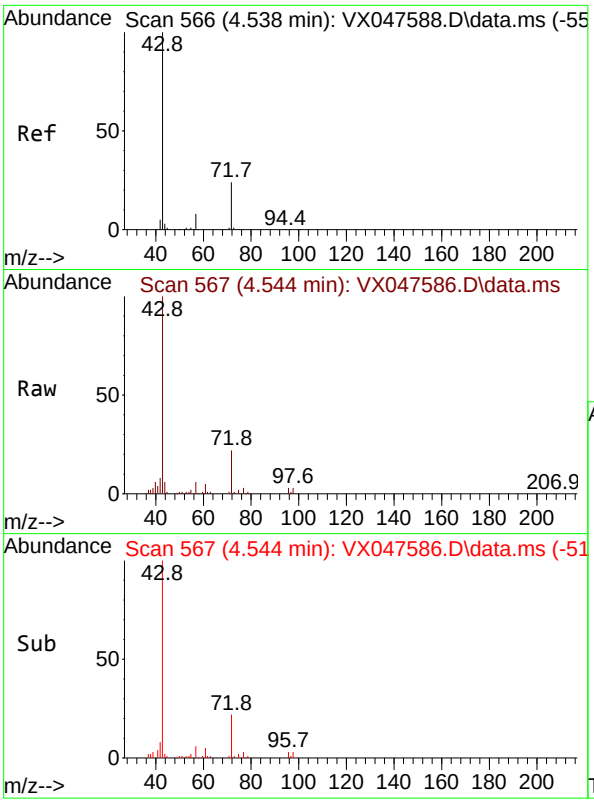


#24
1,1-Dichloroethane
Concen: 5.248 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 26292

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.8	11.2
100	4.4	2.3	6.9



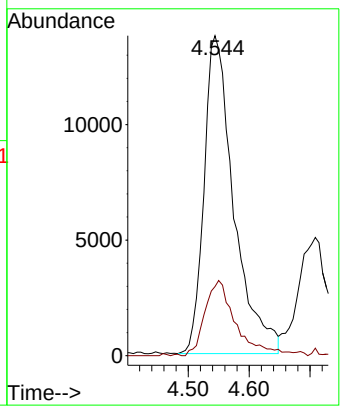


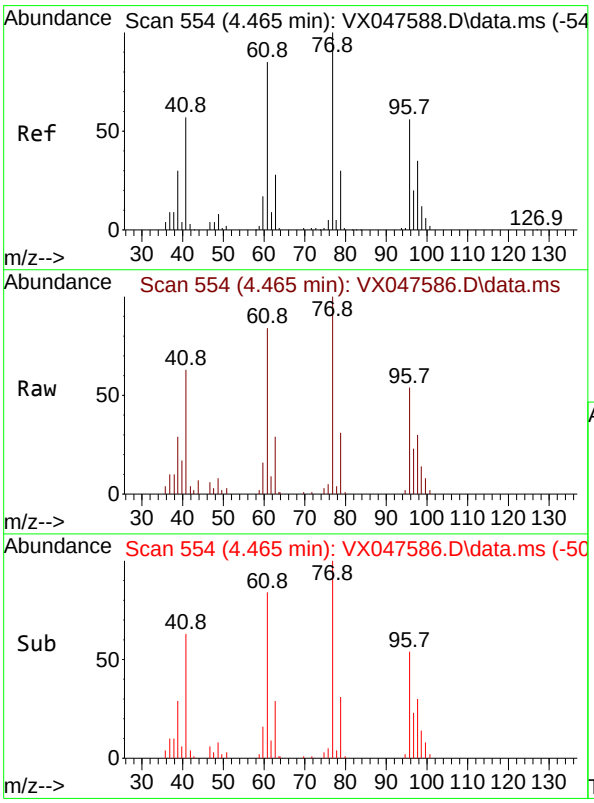
#25
2-Butanone
Concen: 27.240 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 46651

Ion	Ratio	Lower	Upper
43	100		
72	21.3	20.1	30.1

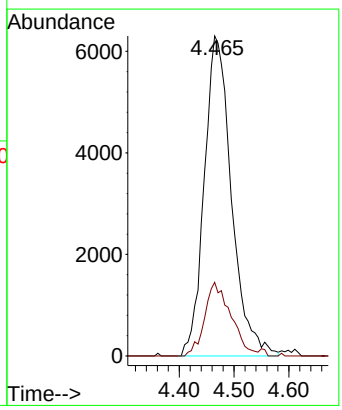


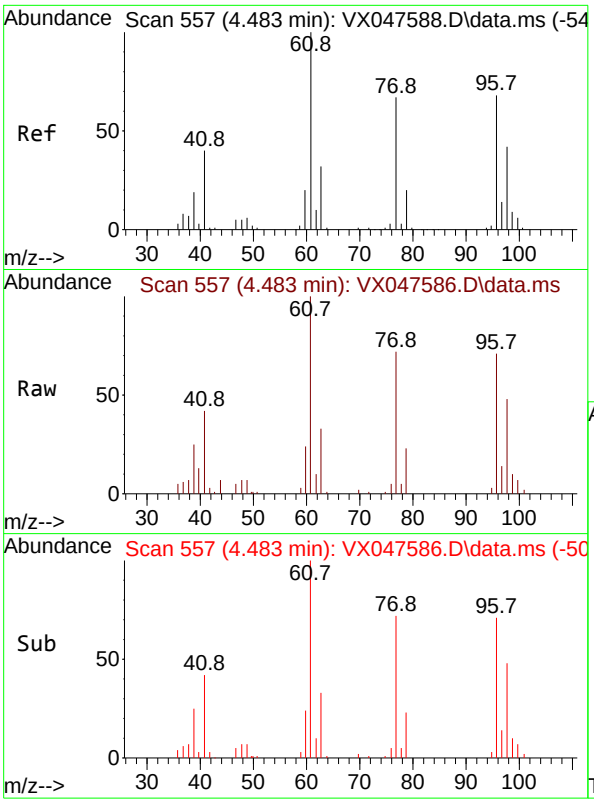


#26
2,2-Dichloropropane
Concen: 5.220 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 77 Resp: 21738

Ion	Ratio	Lower	Upper
77	100		
97	22.2	10.9	32.7



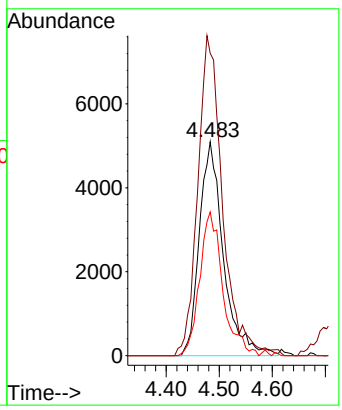


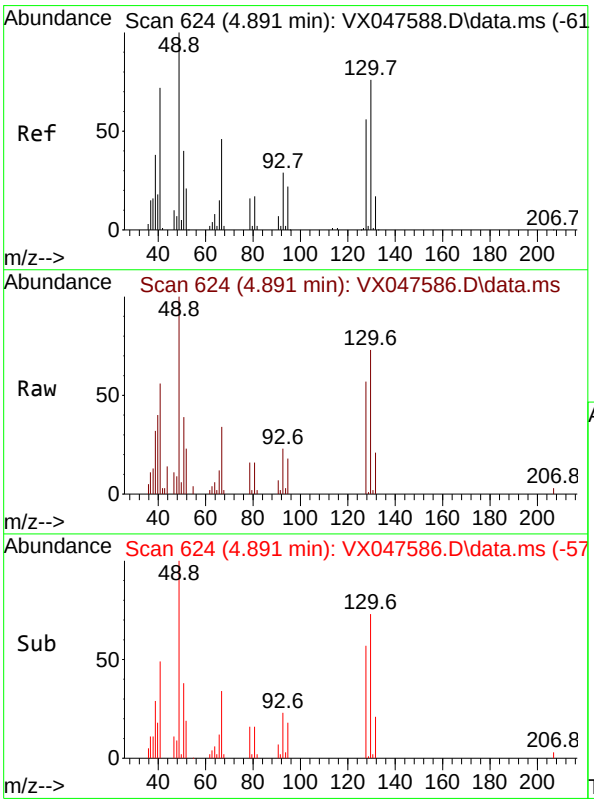
#27
cis-1,2-Dichloroethene
Concen: 5.147 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 15996

Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	303.2
98	64.8	0.0	127.8

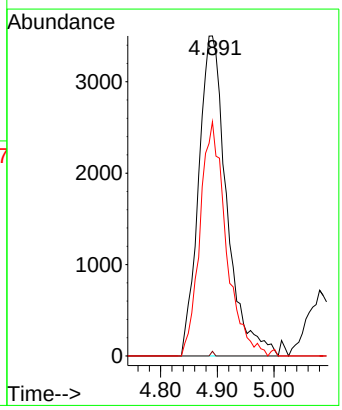


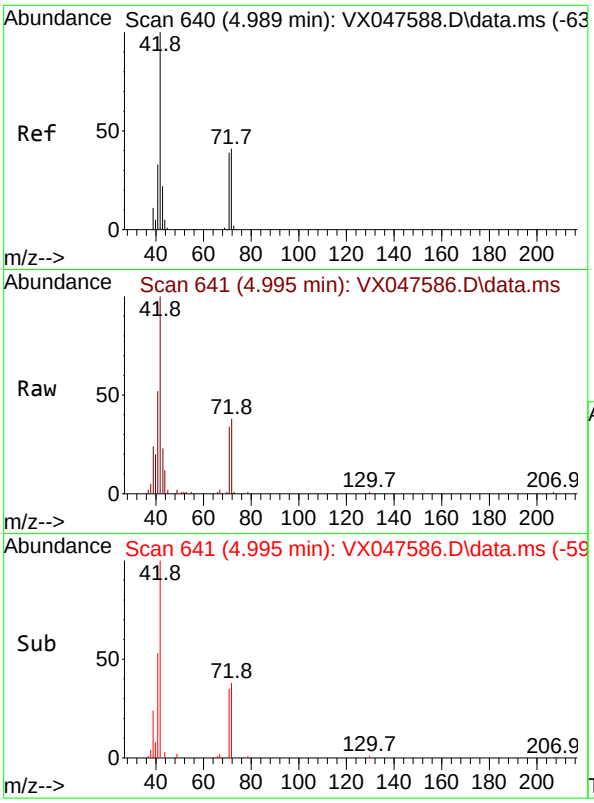


#28
Bromochloromethane
Concen: 5.508 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 49 Resp: 12047

Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	3.2
130	68.0	57.8	86.8



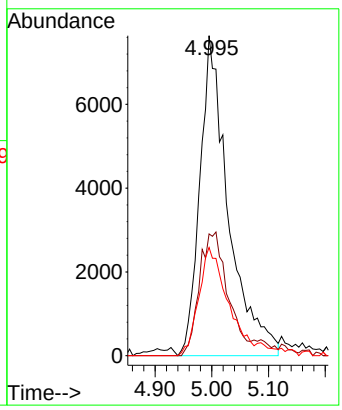


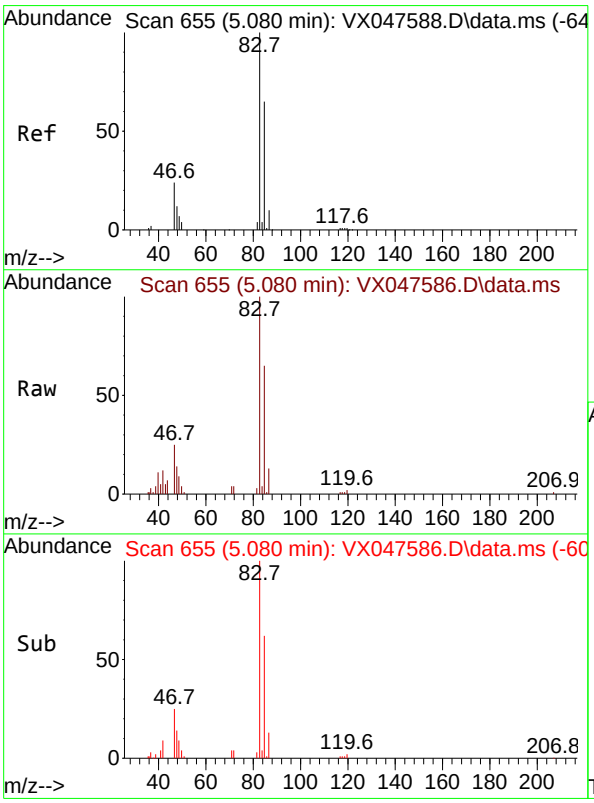
#29
Tetrahydrofuran
Concen: 25.944 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 26729

Ion	Ratio	Lower	Upper
42	100		
72	38.7	34.2	51.2
71	34.1	31.9	47.9

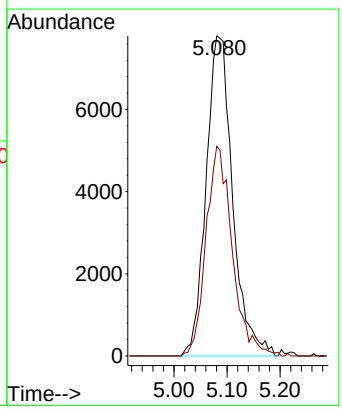


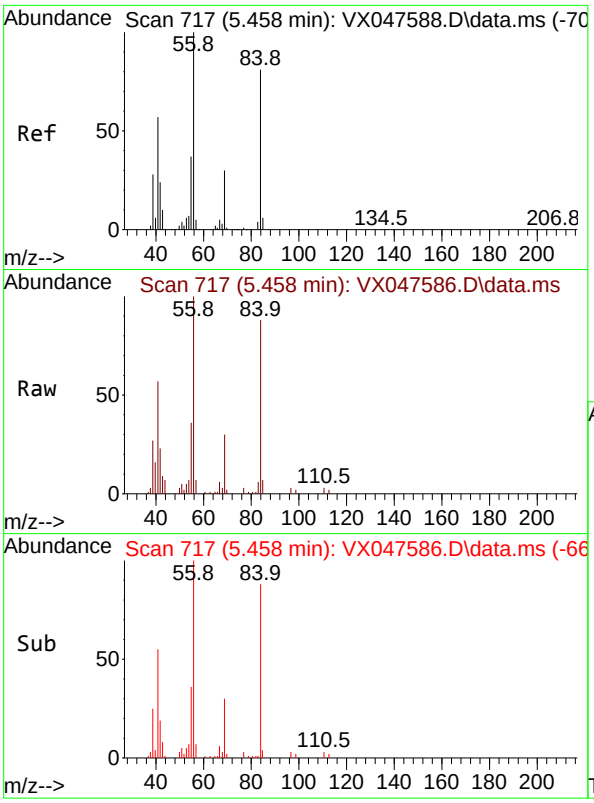


#30
Chloroform
Concen: 5.344 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 27054

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.6



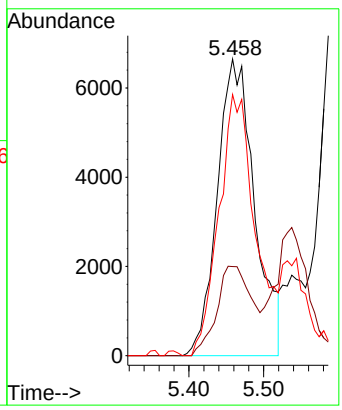


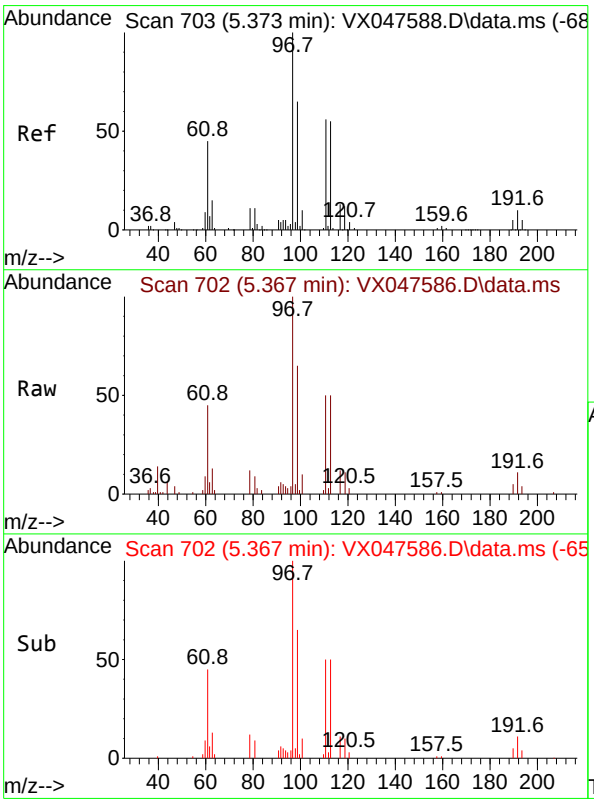
#31
Cyclohexane
Concen: 5.520 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 23032

Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.8	35.8
84	87.1	64.6	97.0

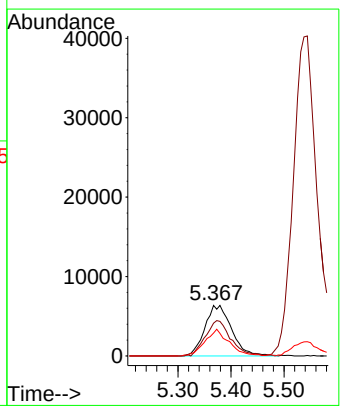


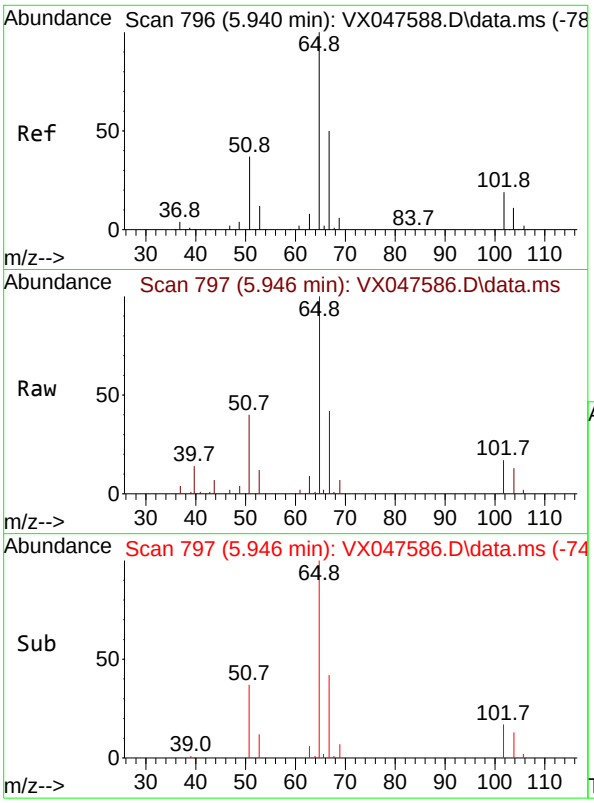


#32
1,1,1-Trichloroethane
Concen: 5.188 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 97 Resp: 22279

Ion	Ratio	Lower	Upper
97	100		
99	66.4	50.6	76.0
61	47.4	35.8	53.8



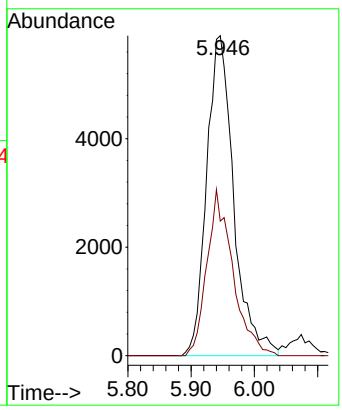


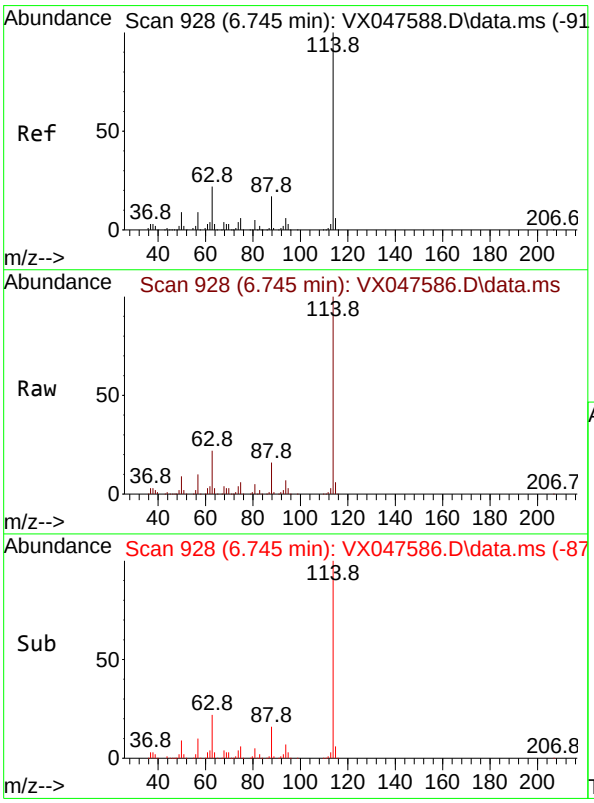
#33
1,2-Dichloroethane-d4
Concen: 5.554 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 17538

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	103.0

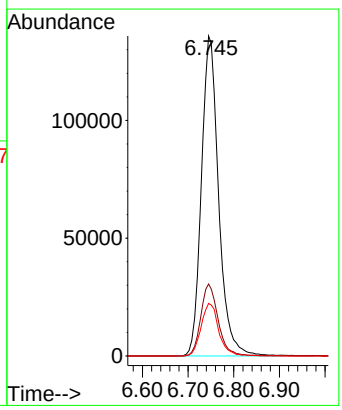


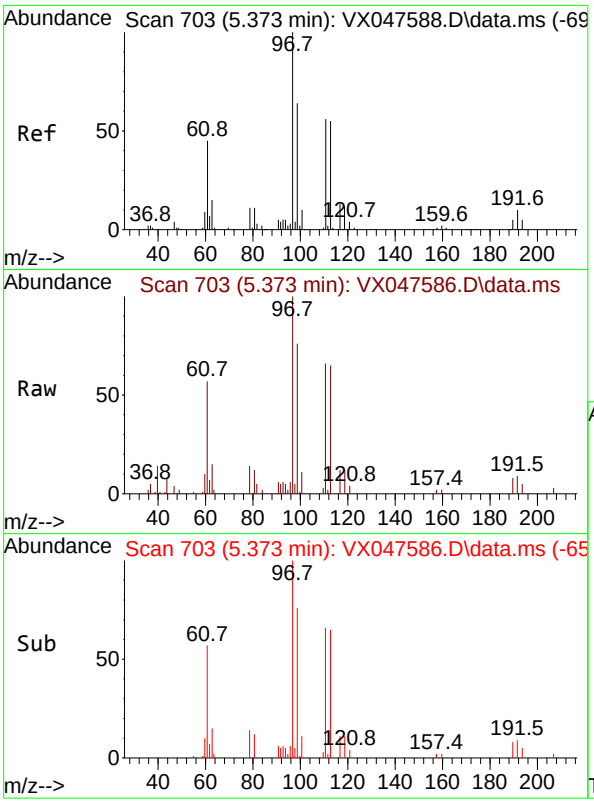


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:114 Resp: 355026

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	16.4	0.0	34.2



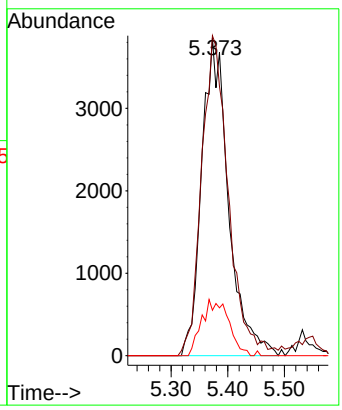


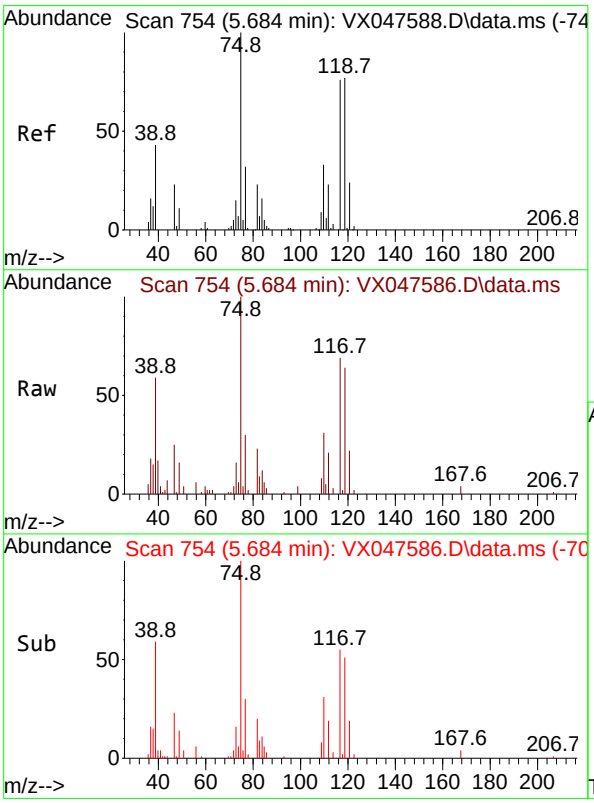
#35
Dibromofluoromethane
Concen: 5.312 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 12647

Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.9	121.3
192	17.8	14.2	21.4

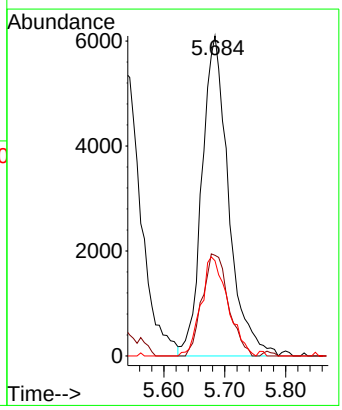


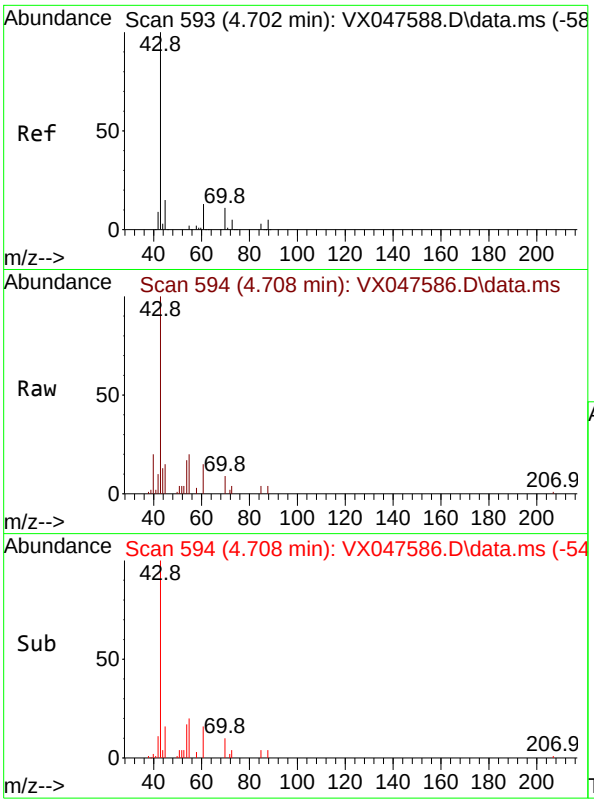


#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 18455

Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.7	50.1
77	31.0	24.3	36.5



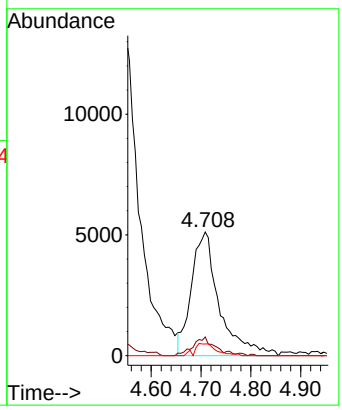


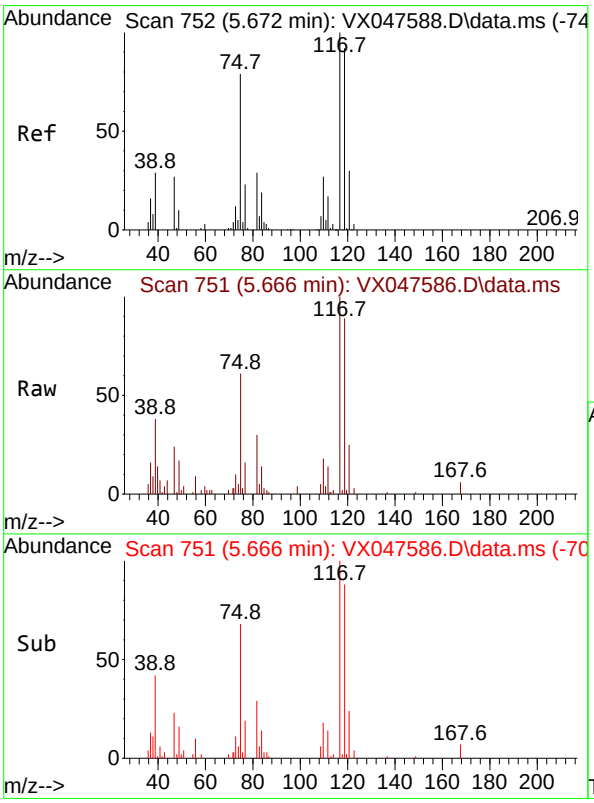
#37
Ethyl Acetate
Concen: 5.345 ug/l
RT: 4.708 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 19913

Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.8	14.8
70	7.6	7.9	11.9#

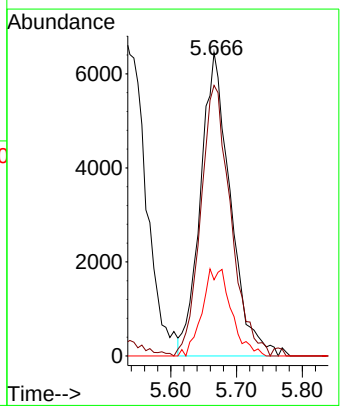


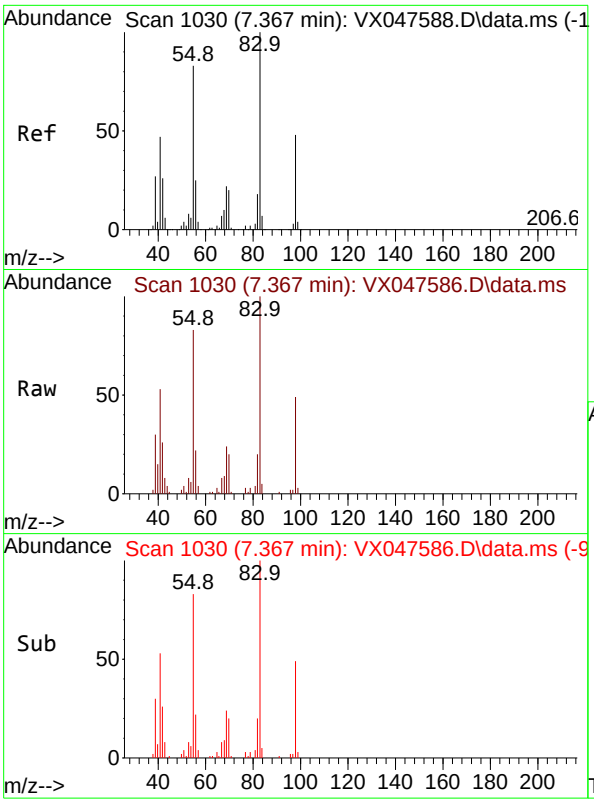


#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 20376

Ion	Ratio	Lower	Upper
117	100		
119	88.9	73.4	110.2
121	25.1	23.8	35.6



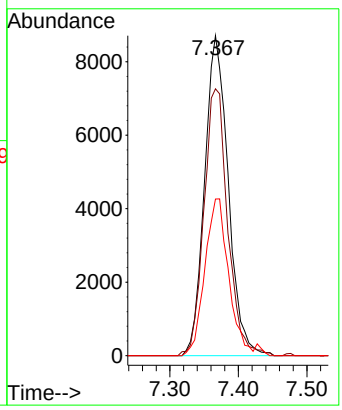


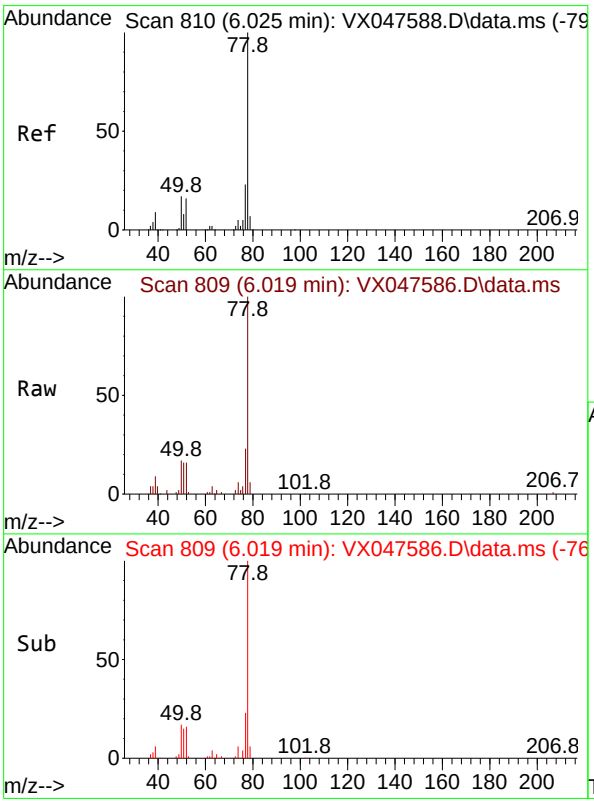
#39
Methylcyclohexane
Concen: 5.292 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 20900

Ion	Ratio	Lower	Upper
83	100		
55	79.1	66.4	99.6
98	46.4	38.1	57.1

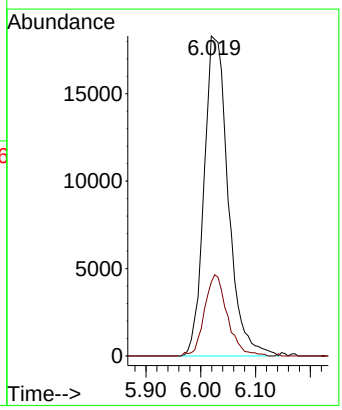


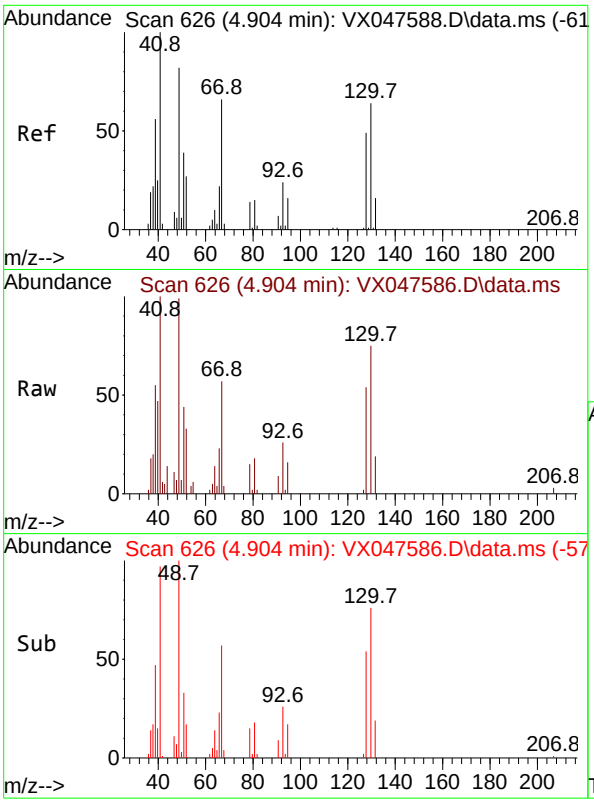


#40
Benzene
Concen: 5.299 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 78 Resp: 55996

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2



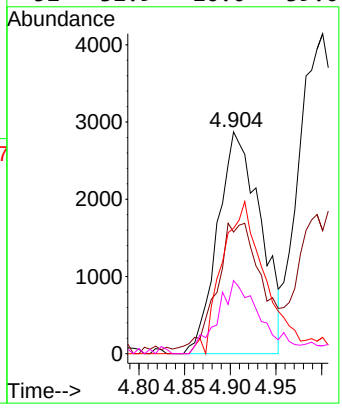


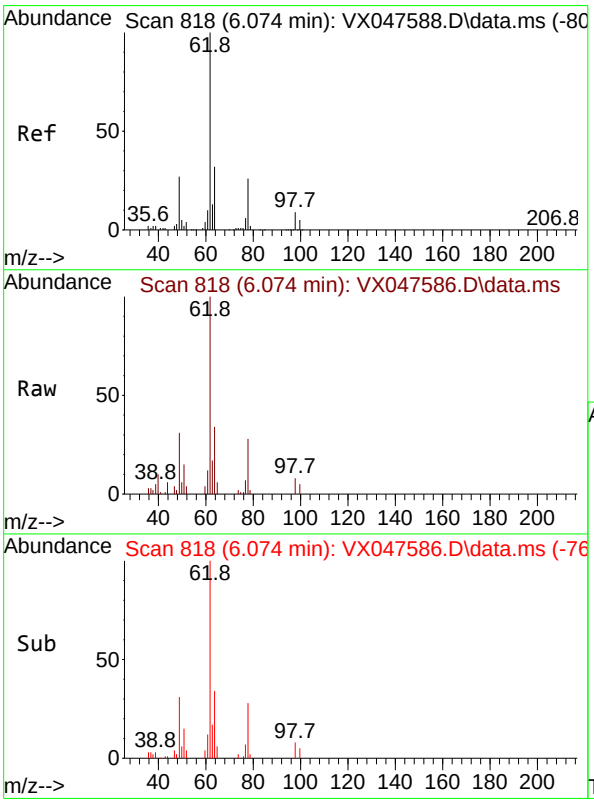
#41
Methacrylonitrile
Concen: 4.883 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 9390

Ion	Ratio	Lower	Upper
41	100		
39	58.3	43.3	64.9
67	68.7	58.6	87.8
52	32.9	26.0	39.0

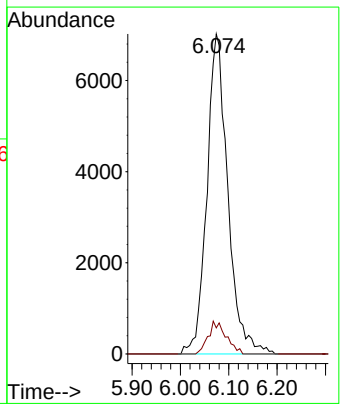


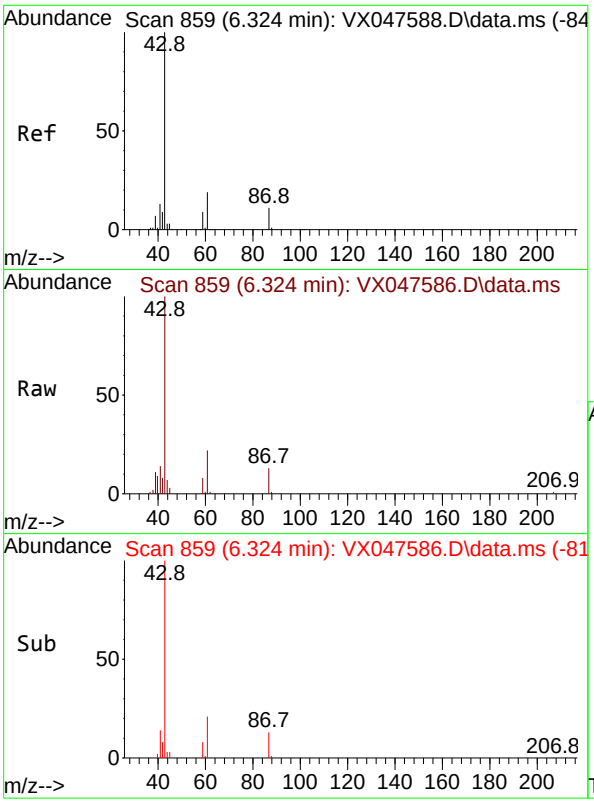


#42
1,2-Dichloroethane
Concen: 5.252 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 21117

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



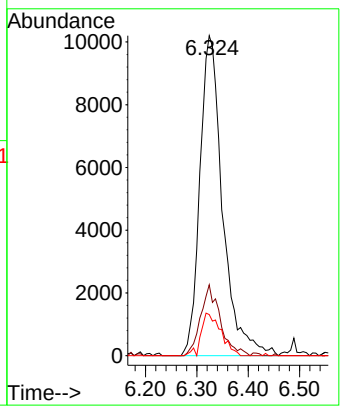


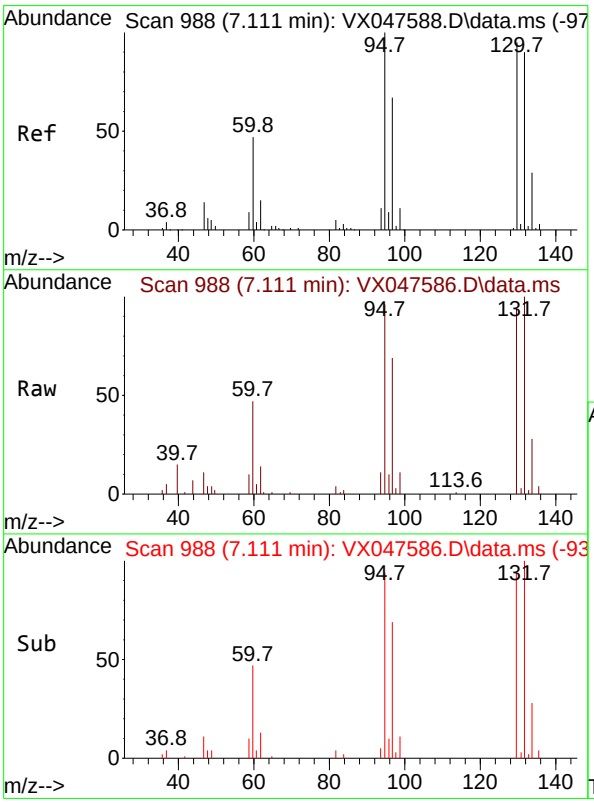
#43
Isopropyl Acetate
Concen: 5.124 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 31304

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	11.6	9.6	14.4

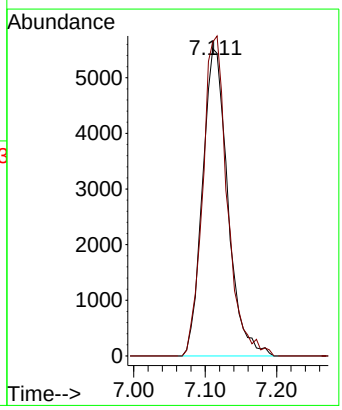


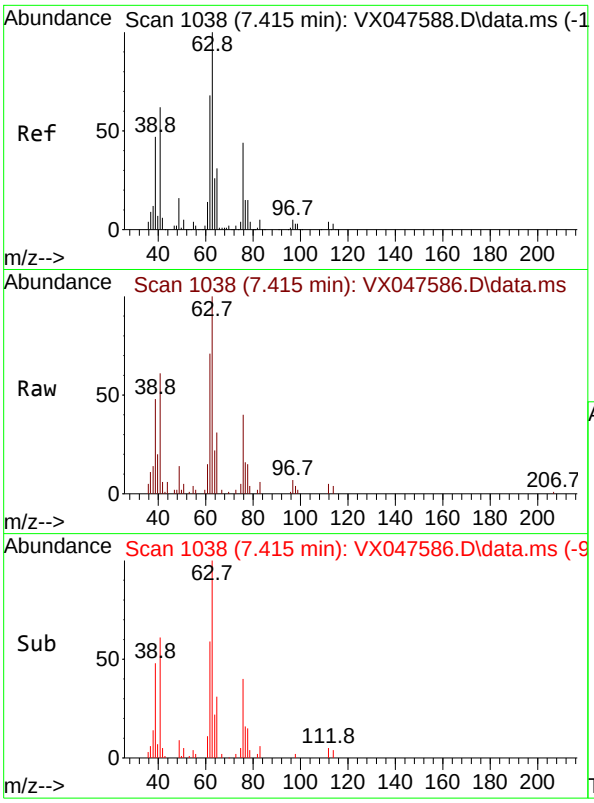


#44
Trichloroethene
Concen: 5.314 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:130 Resp: 13576

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	210.8



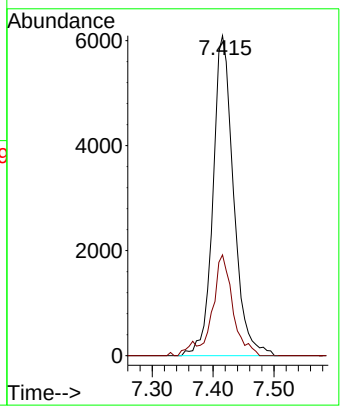


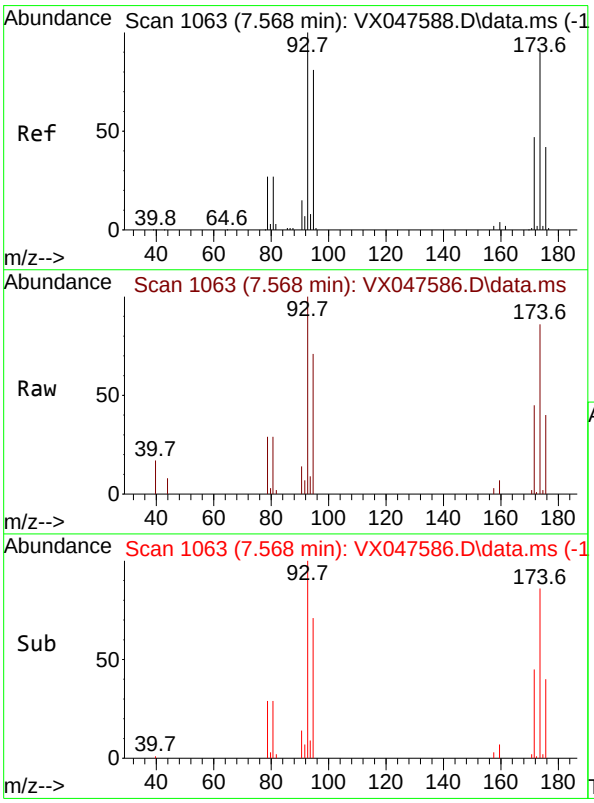
#45
1,2-Dichloropropane
Concen: 5.287 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 14305

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1

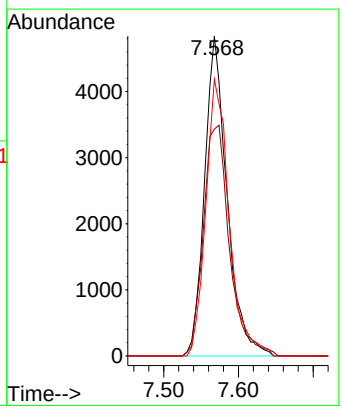


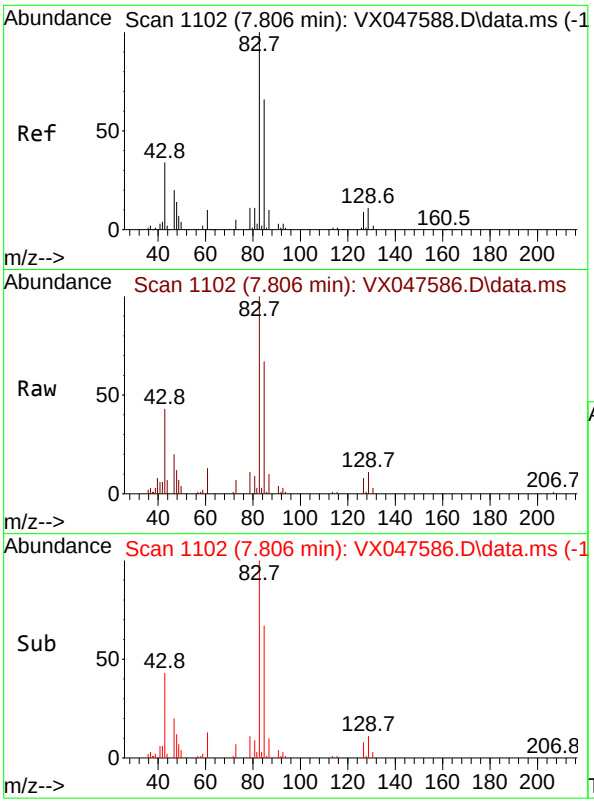


#46
Dibromomethane
Concen: 5.146 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 93 Resp: 10133

Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.0	97.6
174	90.0	71.6	107.4



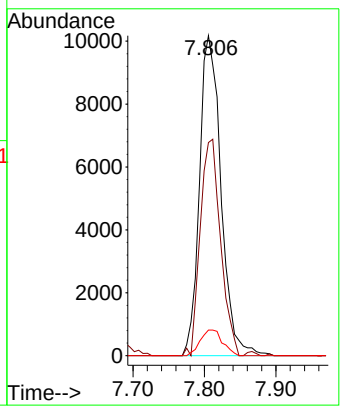


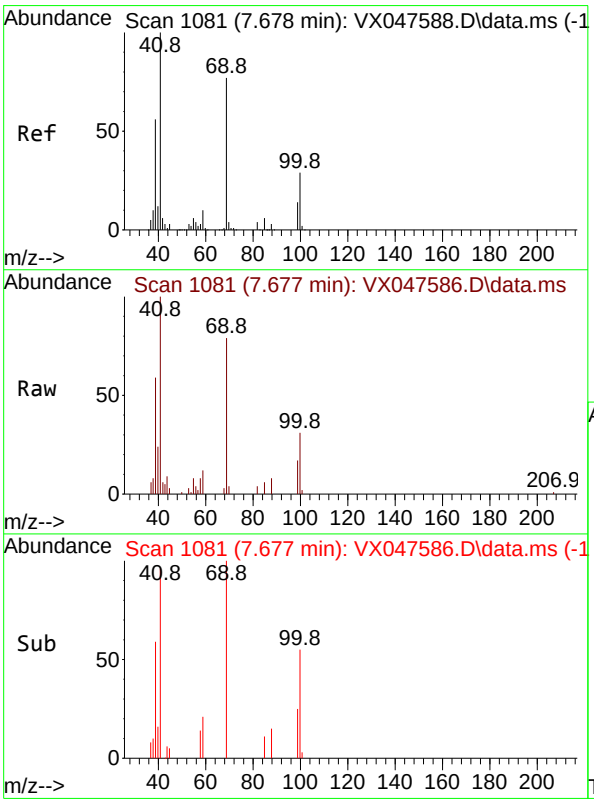
#47
Bromodichloromethane
Concen: 5.235 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 21270

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7
127	7.8	6.9	10.3

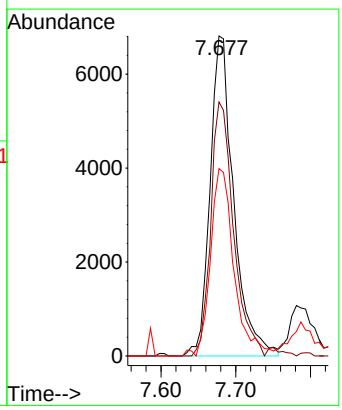


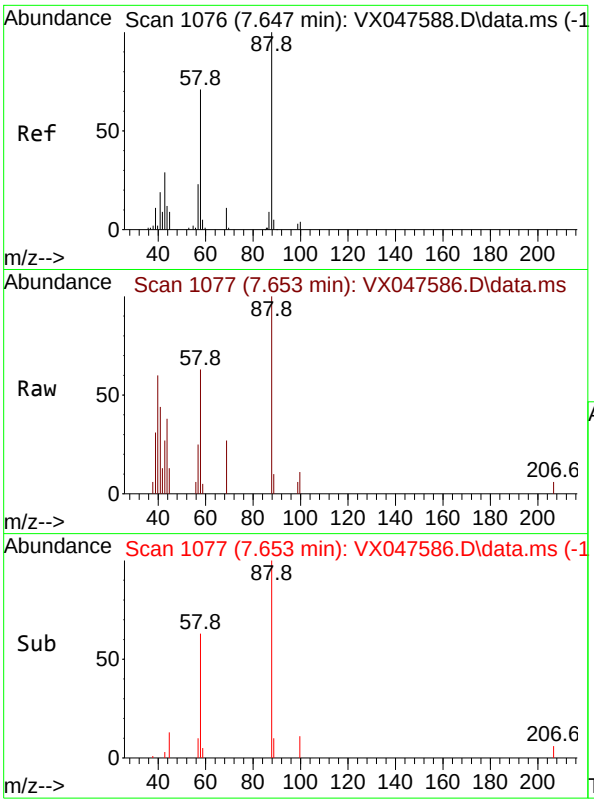


#48
Methyl methacrylate
Concen: 4.915 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 14959

Ion	Ratio	Lower	Upper
41	100		
69	76.4	61.4	92.2
39	58.2	45.8	68.6



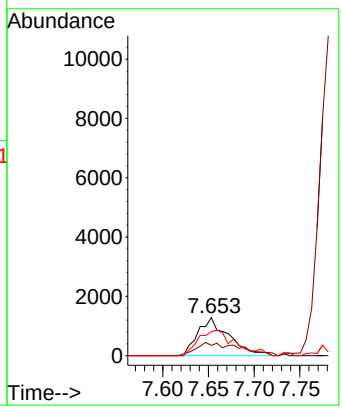


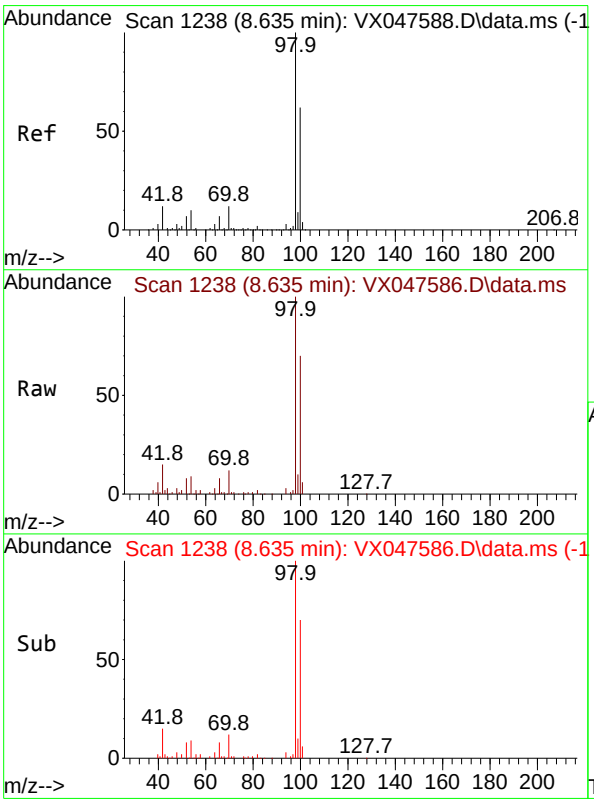
#49
1,4-Dioxane
Concen: 98.096 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 3017

Ion	Ratio	Lower	Upper
88	100		
43	48.3	30.2	45.2#
58	79.1	59.5	89.3

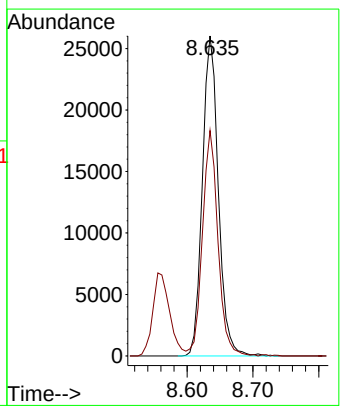


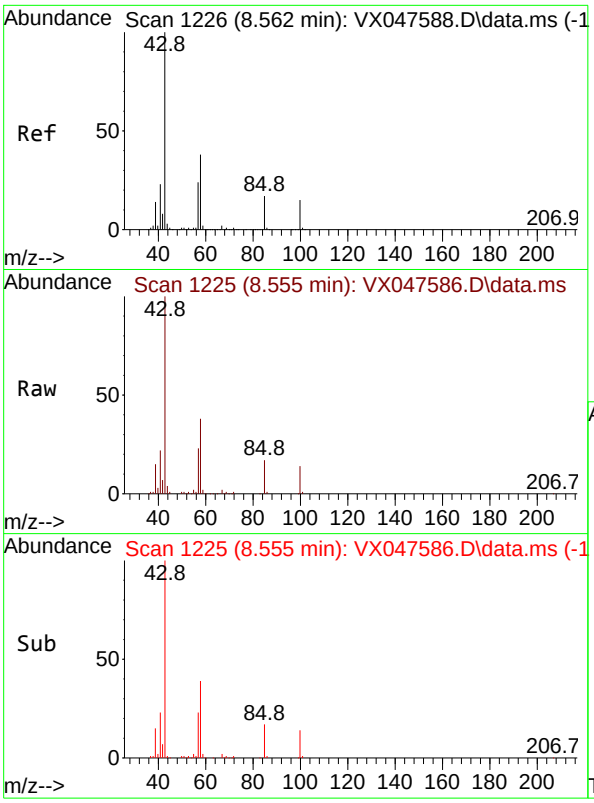


#50
Toluene-d8
Concen: 5.332 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 98 Resp: 43926

Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.0	79.4



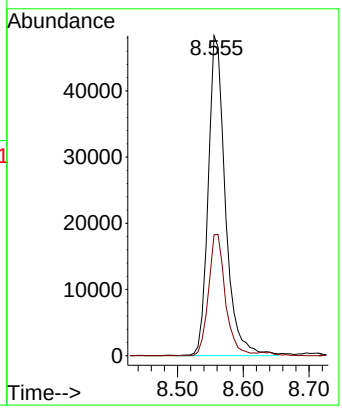


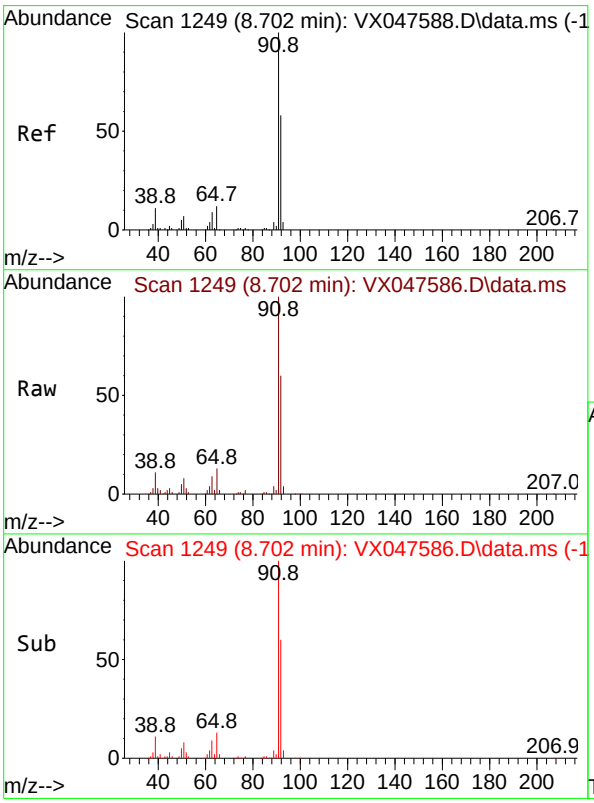
#51
4-Methyl-2-Pentanone
Concen: 25.828 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 87492

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5

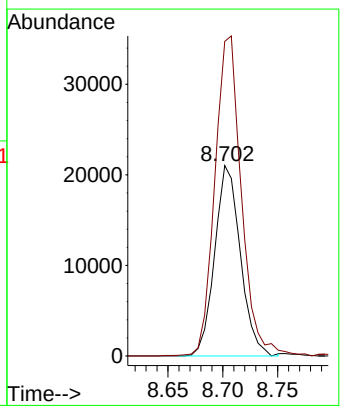


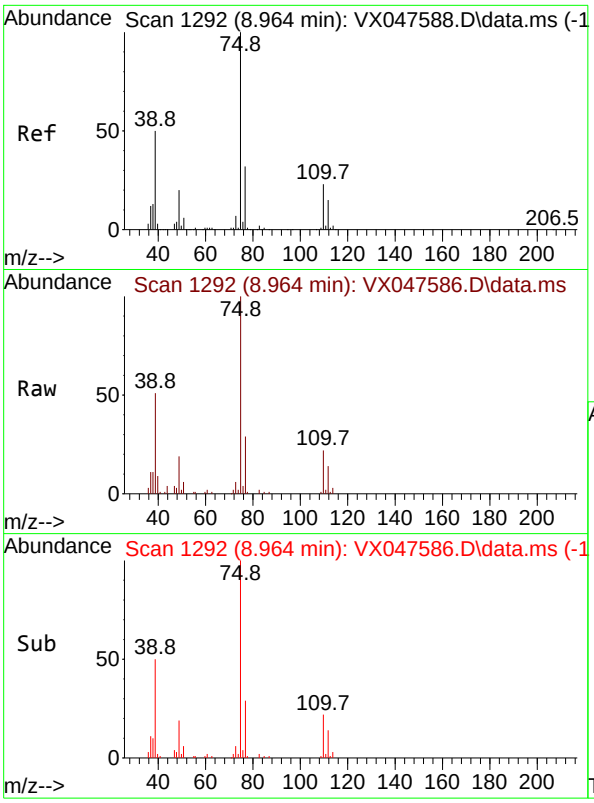


#52
Toluene
Concen: 5.271 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 92 Resp: 34314

Ion	Ratio	Lower	Upper
92	100		
91	173.8	137.1	205.7



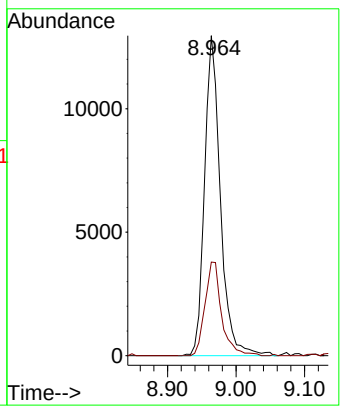


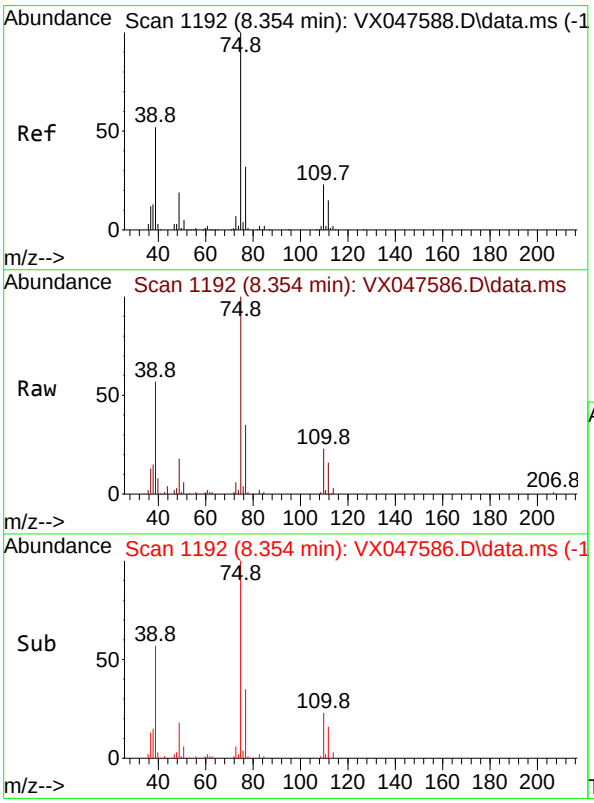
#53
t-1,3-Dichloropropene
Concen: 5.034 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 20863

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.2

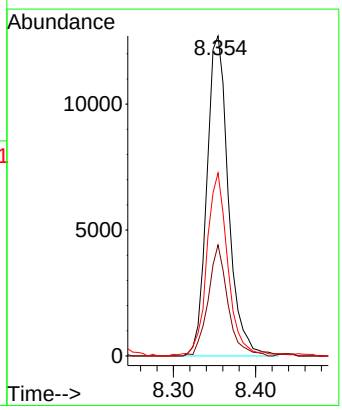


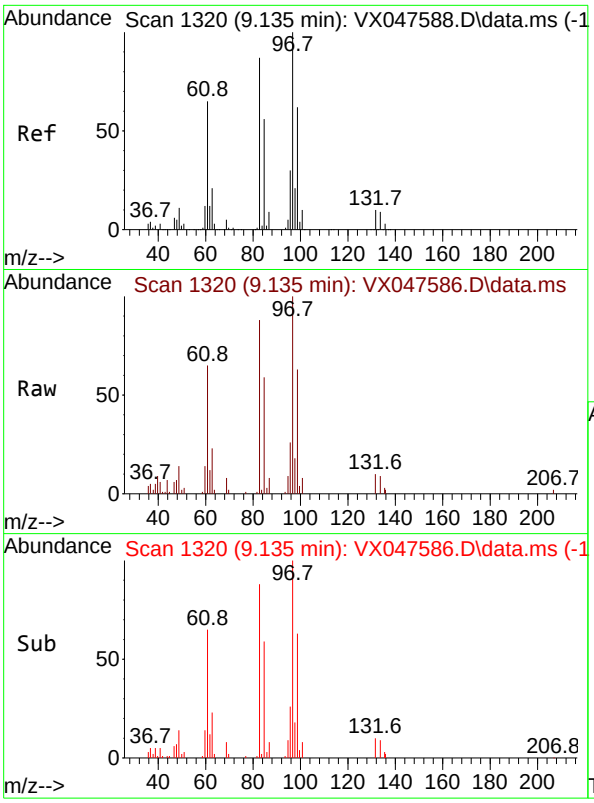


#54
cis-1,3-Dichloropropene
Concen: 5.227 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 23157

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.8	38.6
39	51.7	41.4	62.2



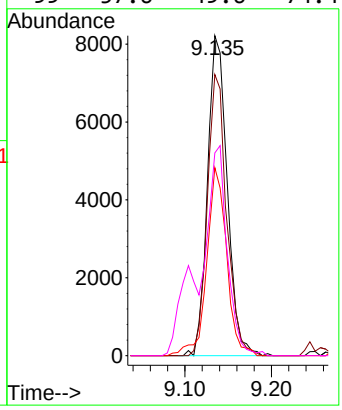


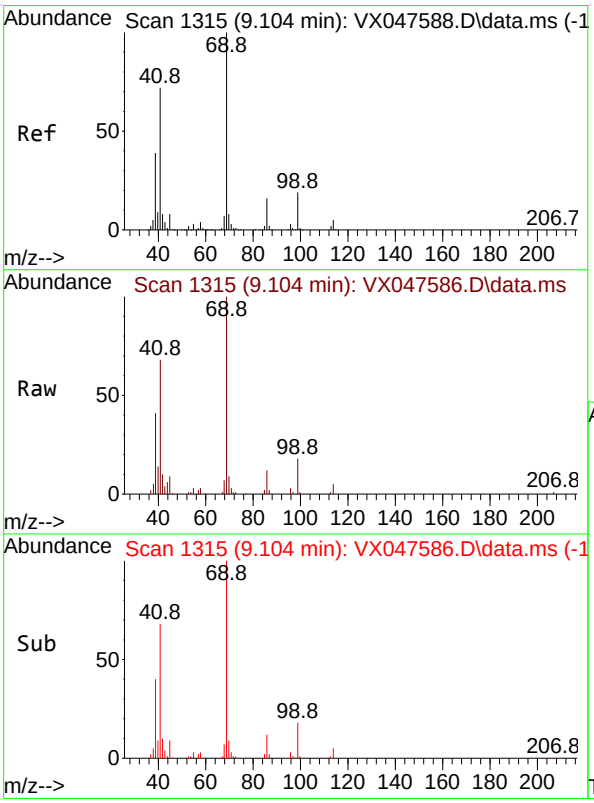
#55
1,1,2-Trichloroethane
Concen: 5.166 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 12968

Ion	Ratio	Lower	Upper
97	100		
83	76.7	69.6	104.4
85	49.9	45.0	67.6
99	57.6	49.6	74.4

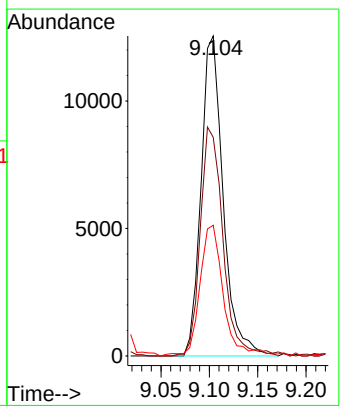


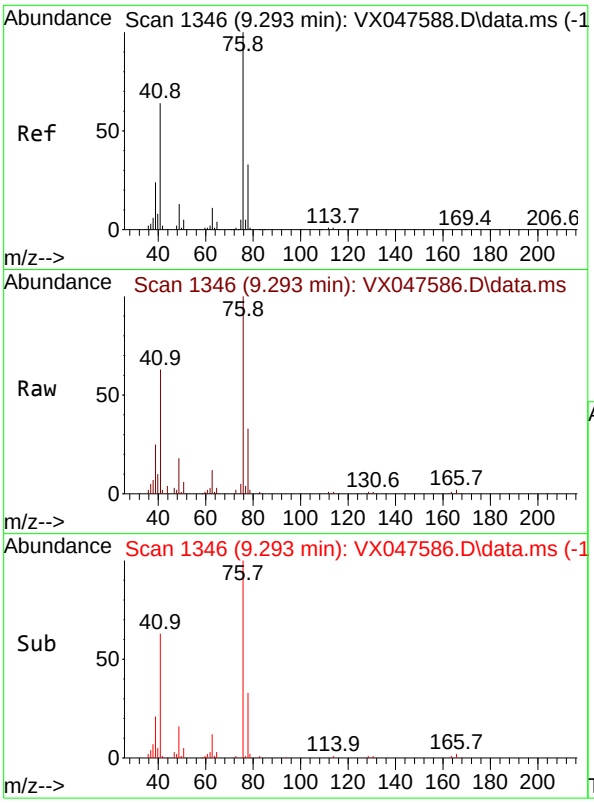


#56
Ethyl methacrylate
Concen: 5.068 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 69 Resp: 19980

Ion	Ratio	Lower	Upper
69	100		
41	73.9	58.6	87.8
39	43.7	31.5	47.3



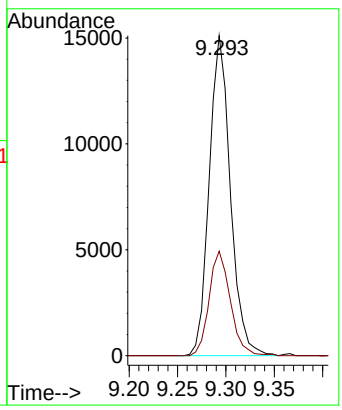


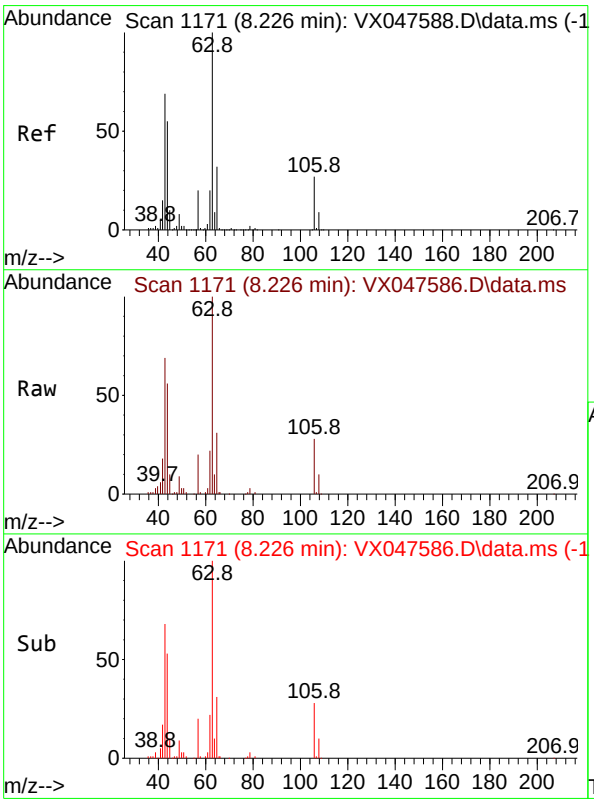
#57
1,3-Dichloropropane
Concen: 5.331 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 22989

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4

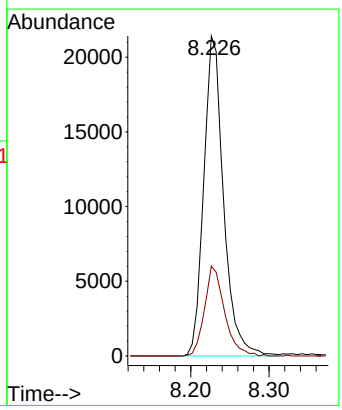


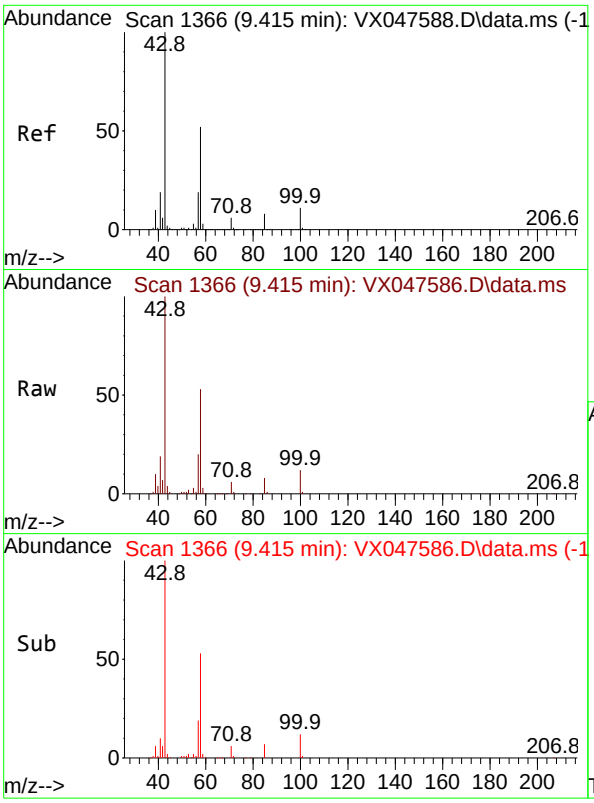


#58
2-Chloroethyl Vinyl ether
Concen: 27.899 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 37585

Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.9	32.9



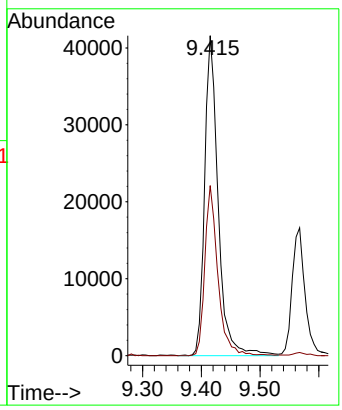


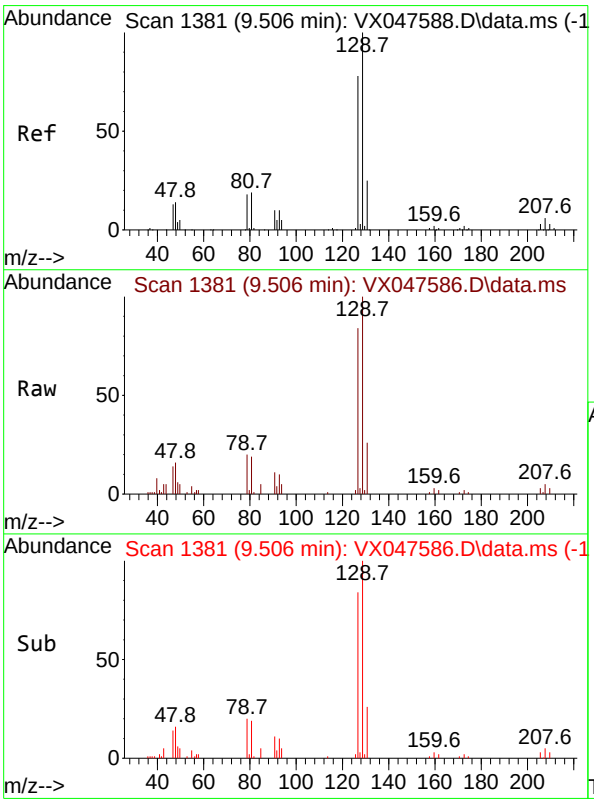
#59
2-Hexanone
Concen: 27.275 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 66356

Ion	Ratio	Lower	Upper
43	100		
58	51.1	26.1	78.2

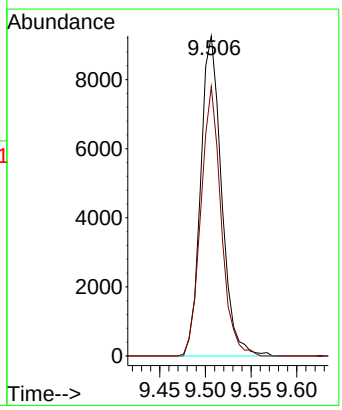


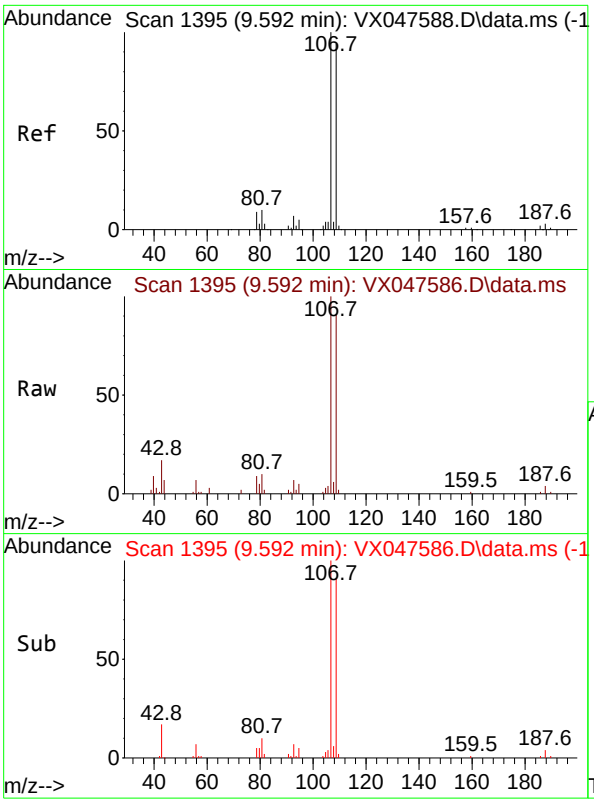


#60
Dibromochloromethane
Concen: 5.084 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:129 Resp: 14705

Ion	Ratio	Lower	Upper
129	100		
127	81.4	38.4	115.2



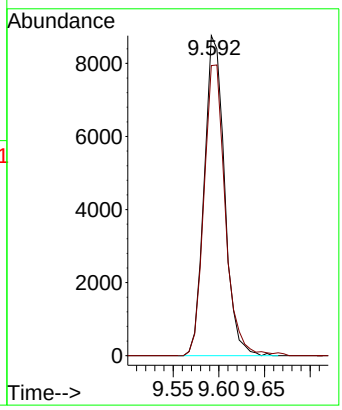


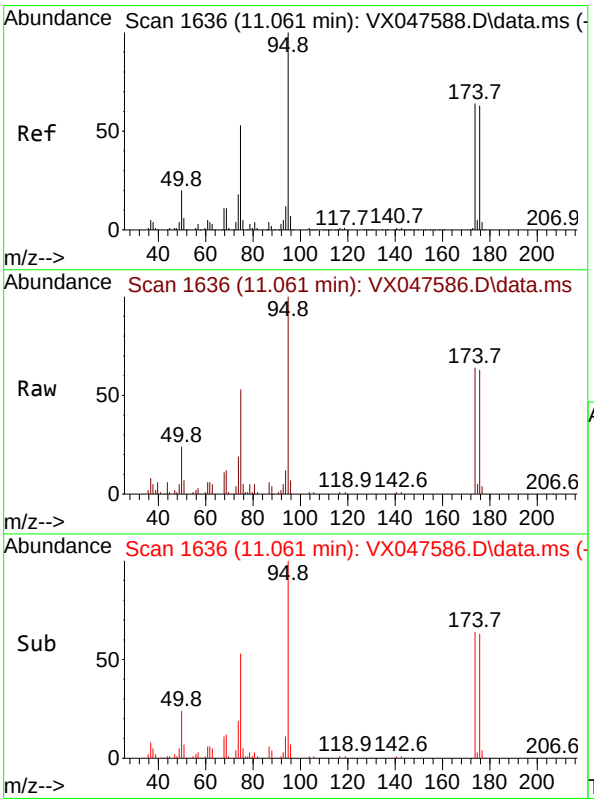
#61
1,2-Dibromoethane
Concen: 5.264 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 13461

Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.3	112.9

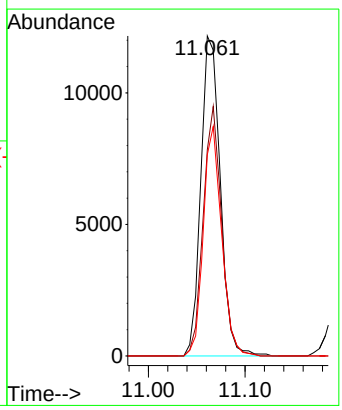


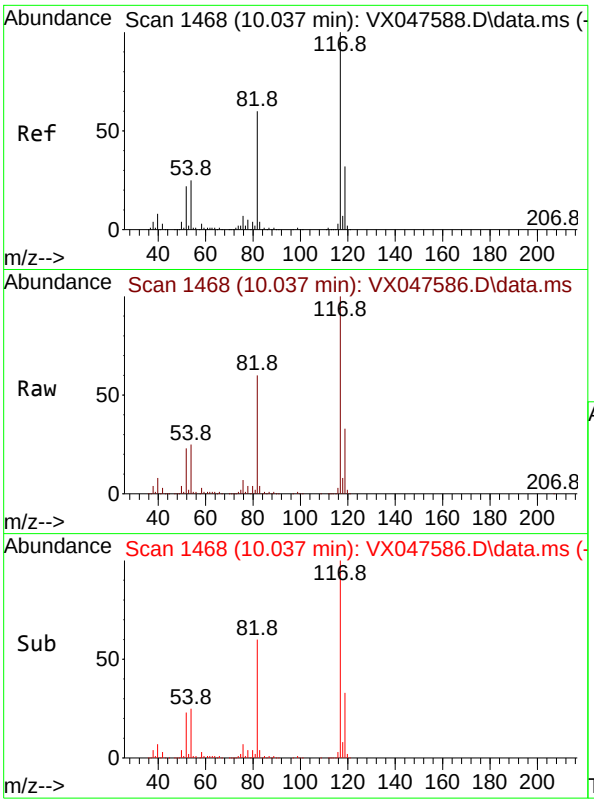


#62
4-Bromofluorobenzene
Concen: 5.429 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 95 Resp: 16974

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	141.6
176	67.9	0.0	138.4



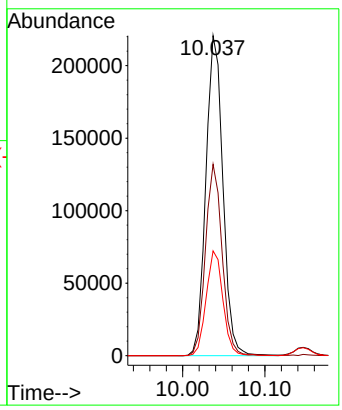


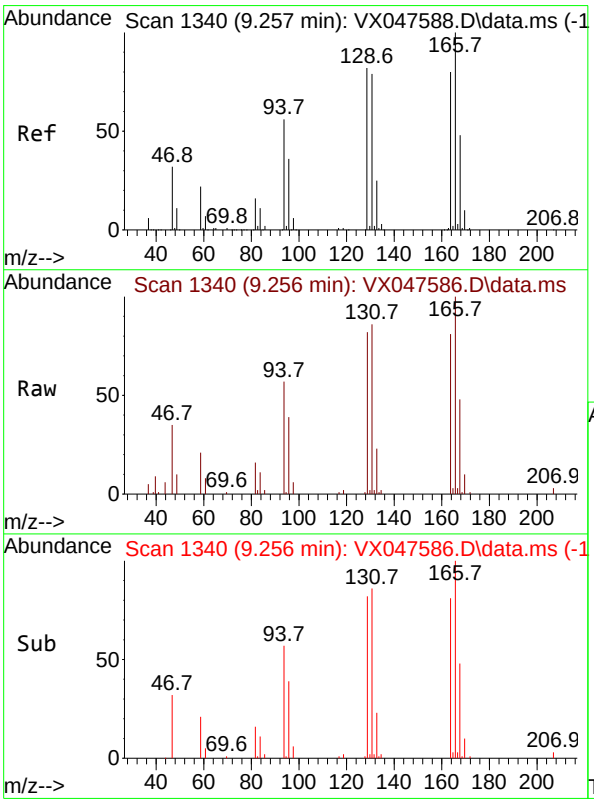
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 317288

Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.8	71.6
119	32.8	25.2	37.8

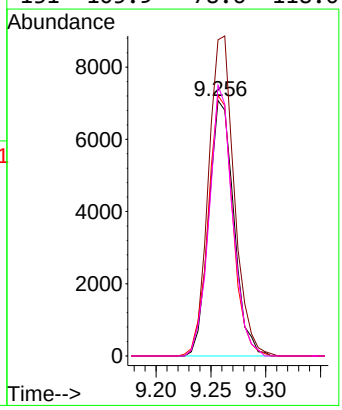


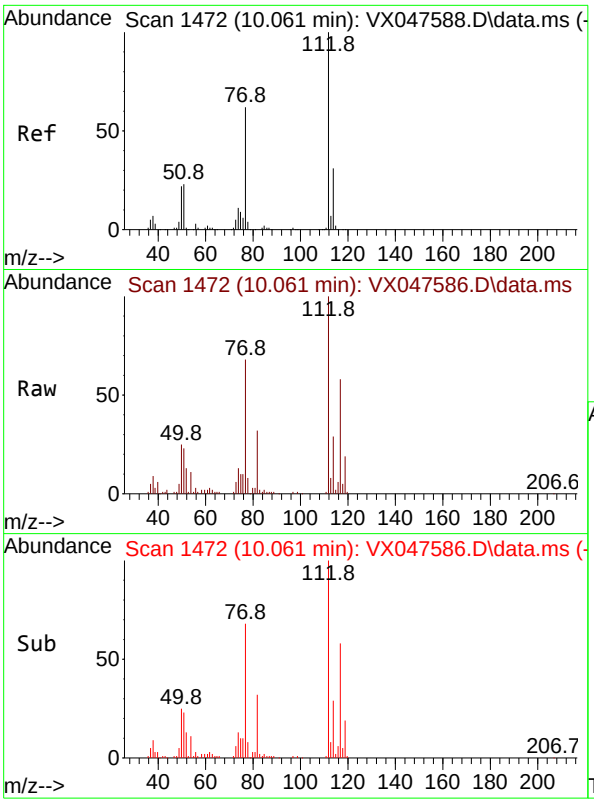


#64
Tetrachloroethene
Concen: 5.428 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:164 Resp: 11228

Ion	Ratio	Lower	Upper
164	100		
166	123.8	100.2	150.2
129	102.0	81.8	122.6
131	105.9	78.6	118.0



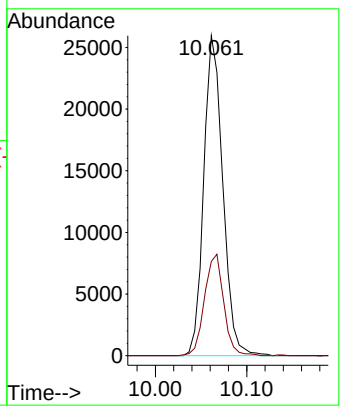


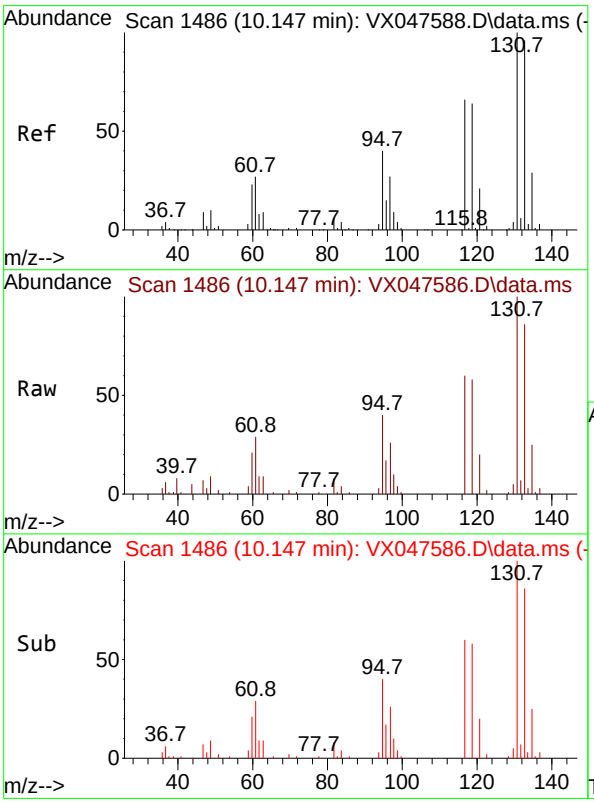
#65
Chlorobenzene
Concen: 5.203 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 37507

Ion	Ratio	Lower	Upper
112	100		
114	29.2	25.1	37.7

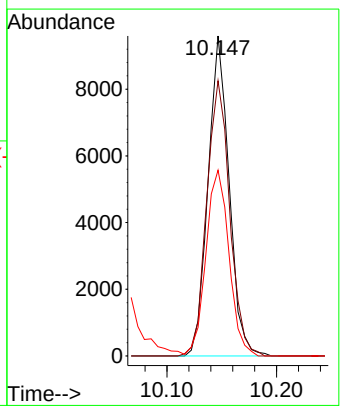


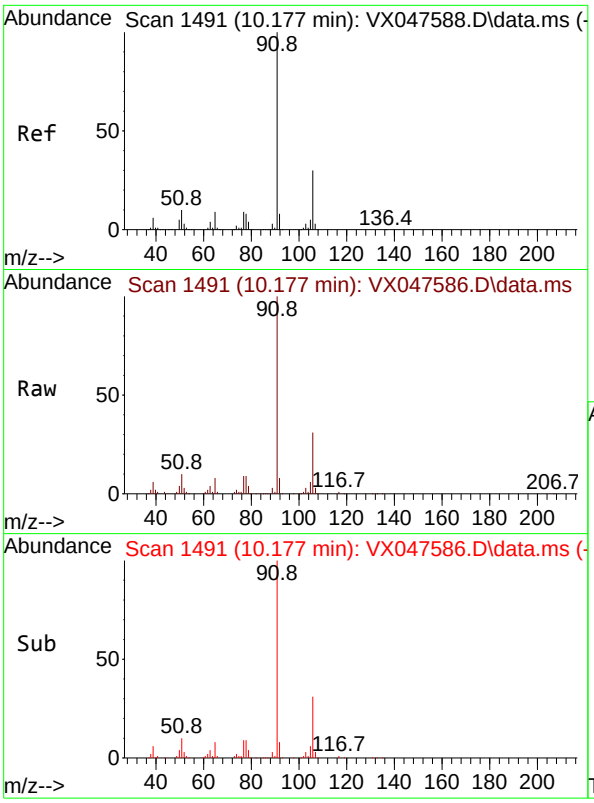


#66
1,1,1,2-Tetrachloroethane
Concen: 5.149 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:131 Resp: 12807

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.3	142.0
119	63.5	32.0	96.0



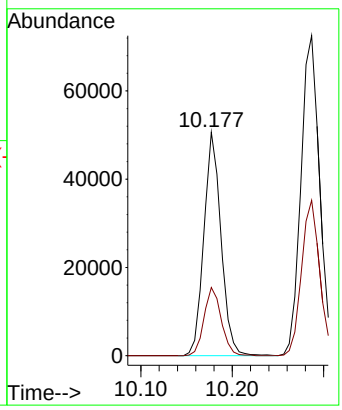


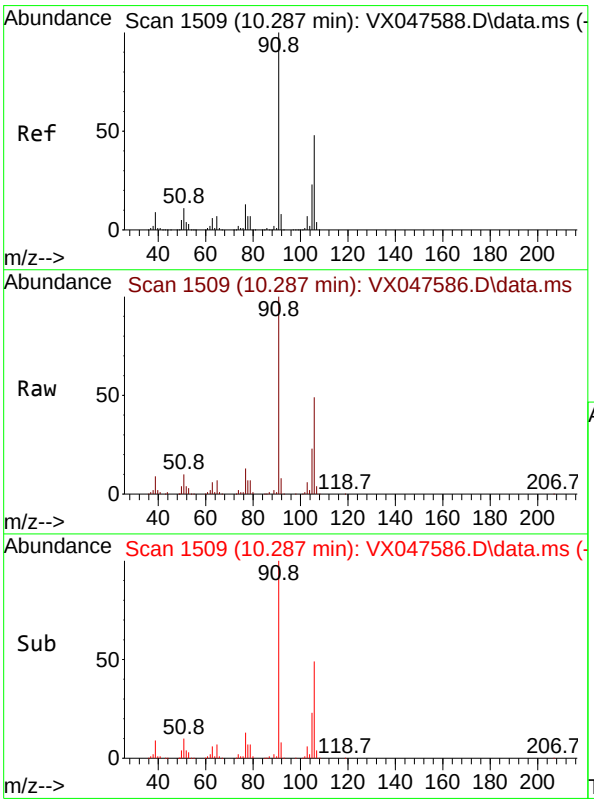
#67
Ethyl Benzene
Concen: 5.299 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 65908

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5

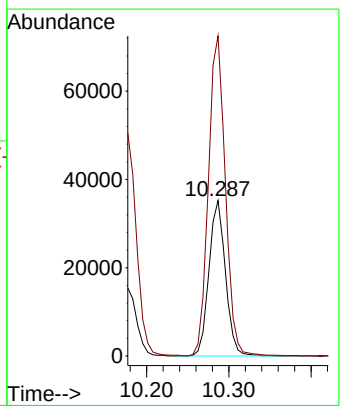


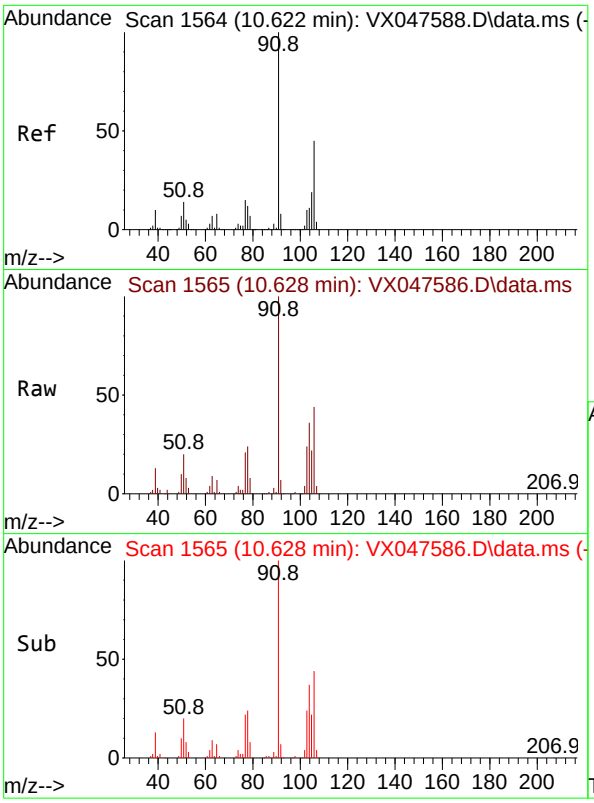


#68
m/p-Xylenes
Concen: 10.613 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:106 Resp: 49132

Ion	Ratio	Lower	Upper
106	100		
91	211.6	167.8	251.8



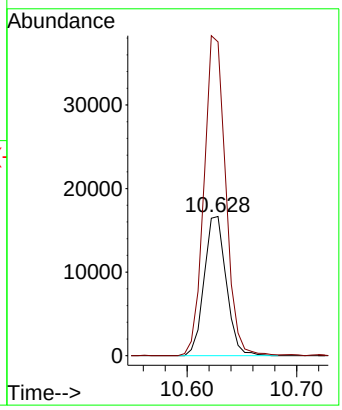


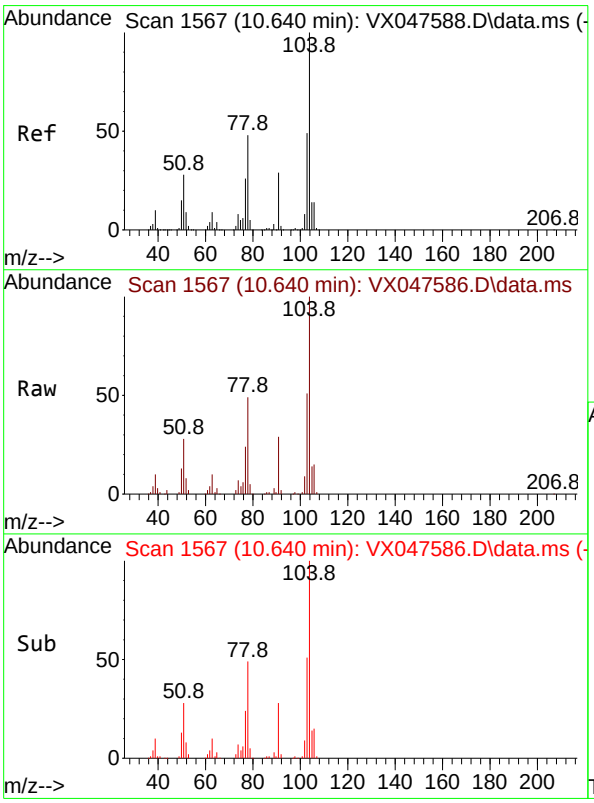
#69
o-Xylene
Concen: 5.204 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 23300

Ion	Ratio	Lower	Upper
106	100		
91	226.3	111.1	333.4

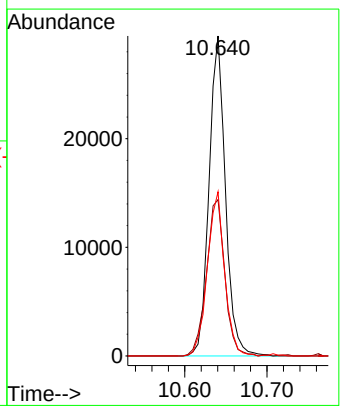


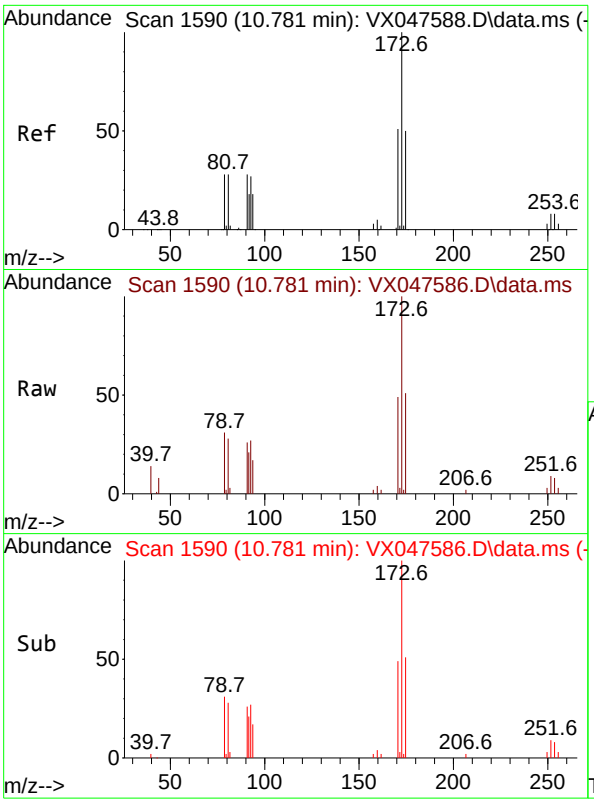


#70
Styrene
Concen: 5.210 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:104 Resp: 40872

Ion	Ratio	Lower	Upper
104	100		
78	54.8	43.1	64.7
103	53.7	43.1	64.7



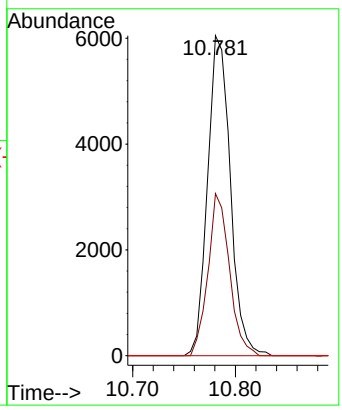


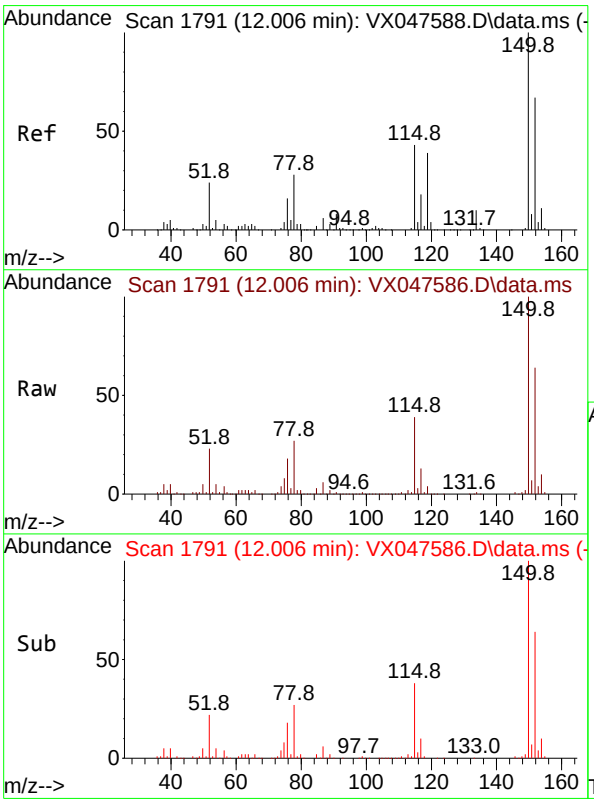
#71
Bromoform
Concen: 5.006 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 9298

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.6
254	0.0	0.1	0.1#

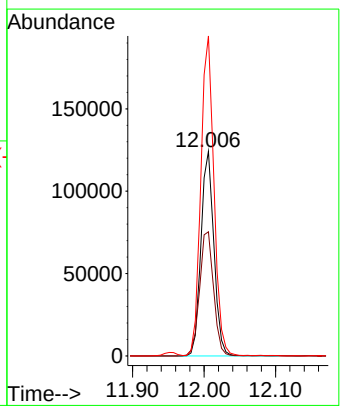


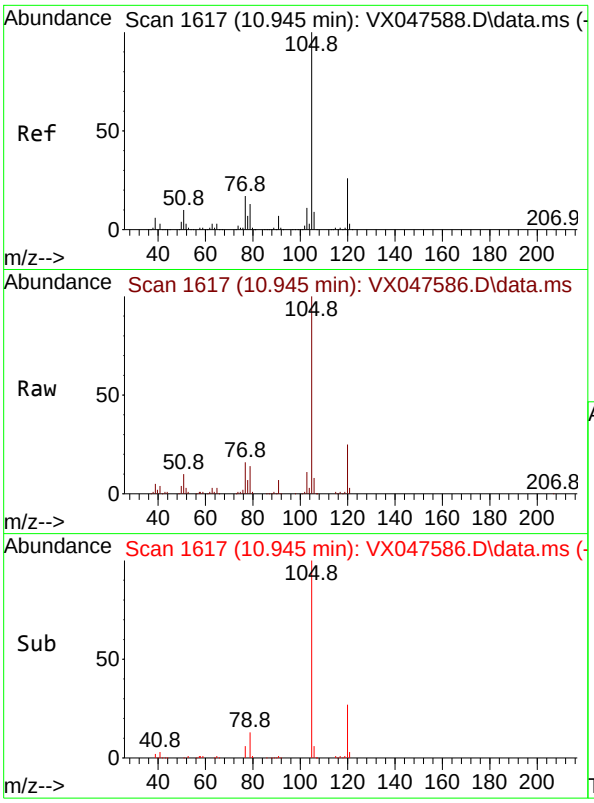


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:152 Resp: 156219

Ion	Ratio	Lower	Upper
152	100		
115	65.6	44.9	134.5
150	157.8	0.0	352.0



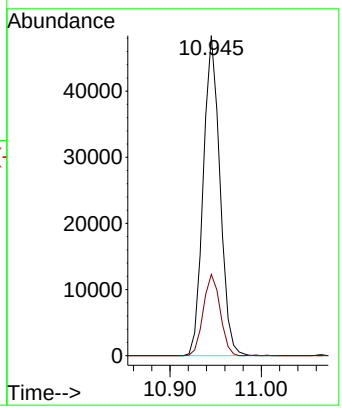


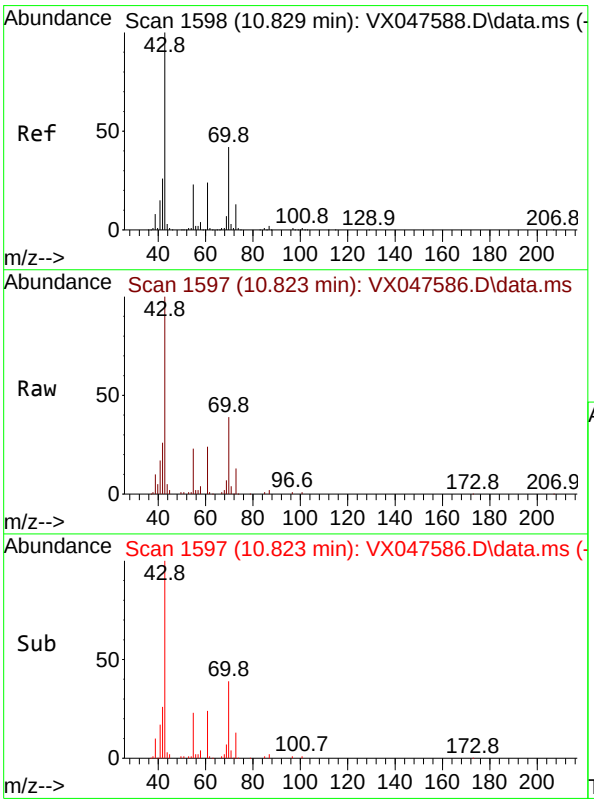
#73
Isopropylbenzene
Concen: 5.139 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 61029

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4

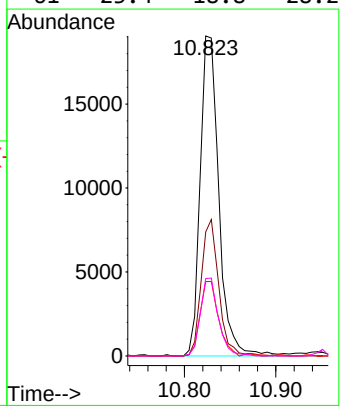


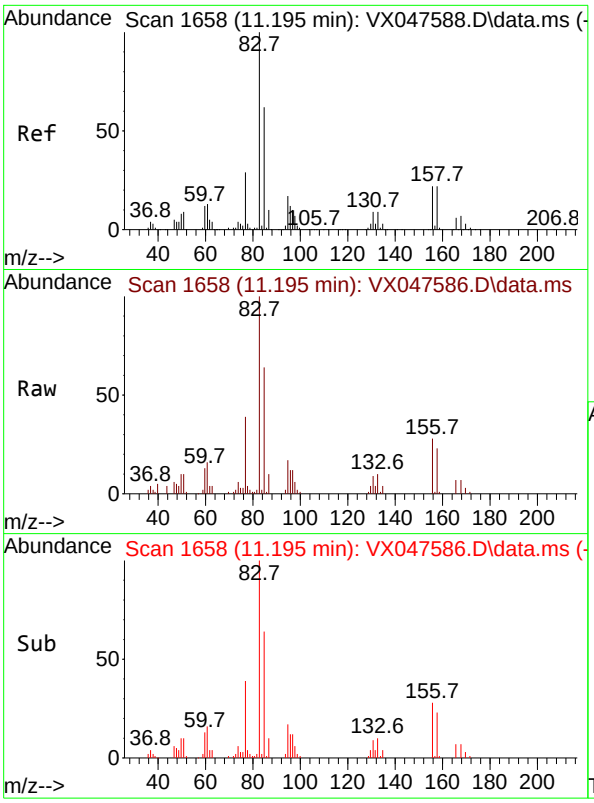


#74
N-amyl acetate
Concen: 4.980 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 26969

Ion	Ratio	Lower	Upper
43	100		
70	39.9	32.0	48.0
55	23.1	18.9	28.3
61	23.4	18.8	28.2



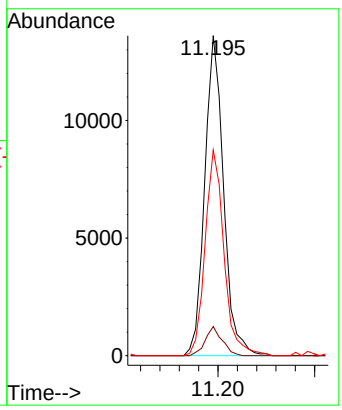


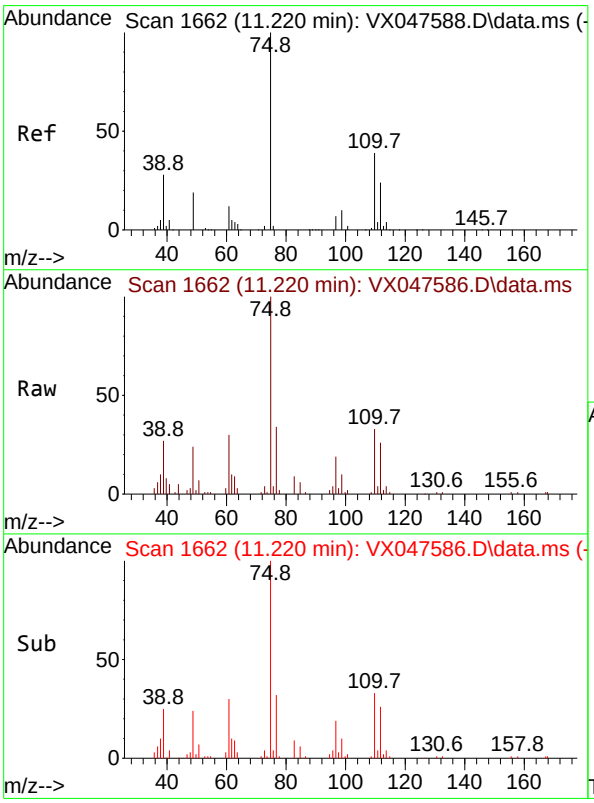
#75
1,1,2,2-Tetrachloroethane
Concen: 5.138 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 18462

Ion	Ratio	Lower	Upper
83	100		
131	8.2	5.0	14.9
85	64.4	31.6	95.0

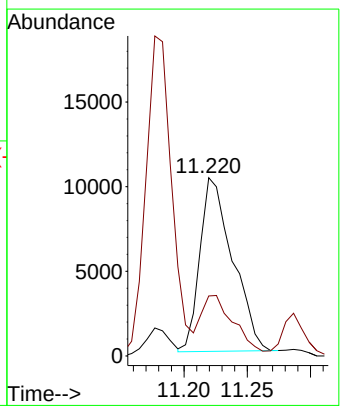


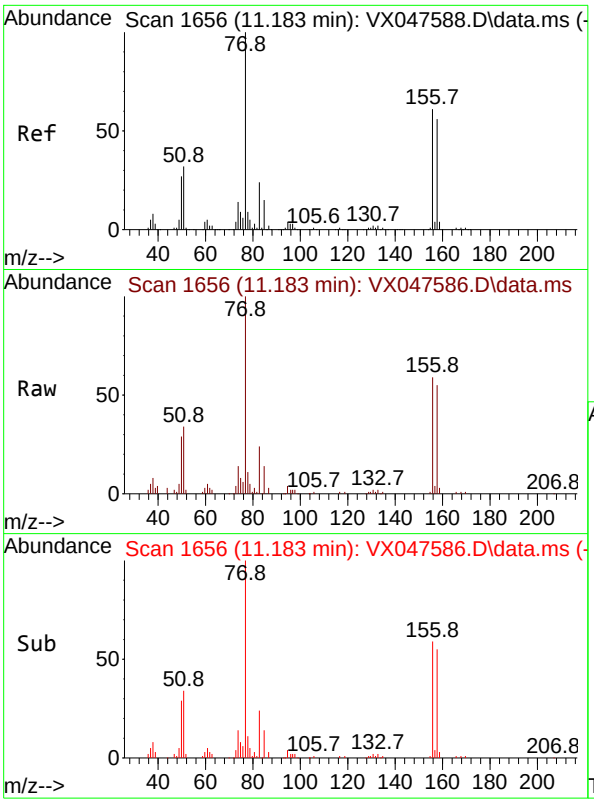


#76
1,2,3-Trichloropropane
Concen: 5.847 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 18494

Ion	Ratio	Lower	Upper
75	100		
77	35.0	18.8	56.4



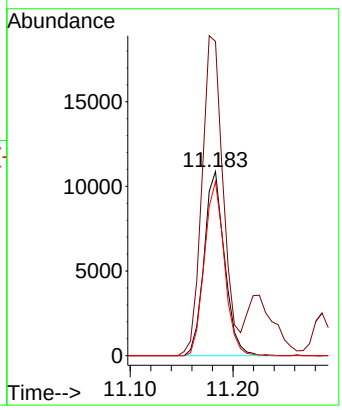


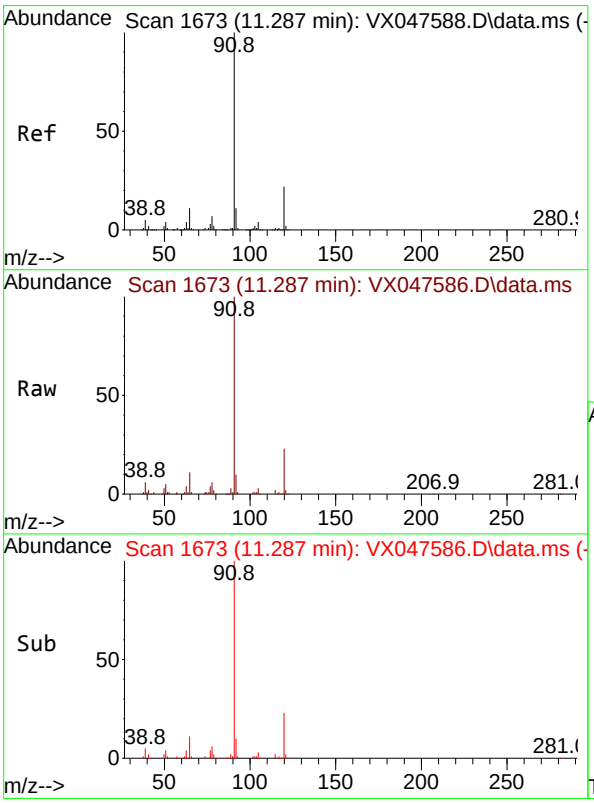
#77
Bromobenzene
Concen: 5.150 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 15066

Ion	Ratio	Lower	Upper
156	100		
77	180.3	89.7	269.1
158	92.6	47.9	143.6

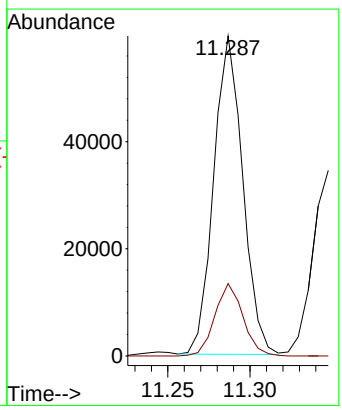


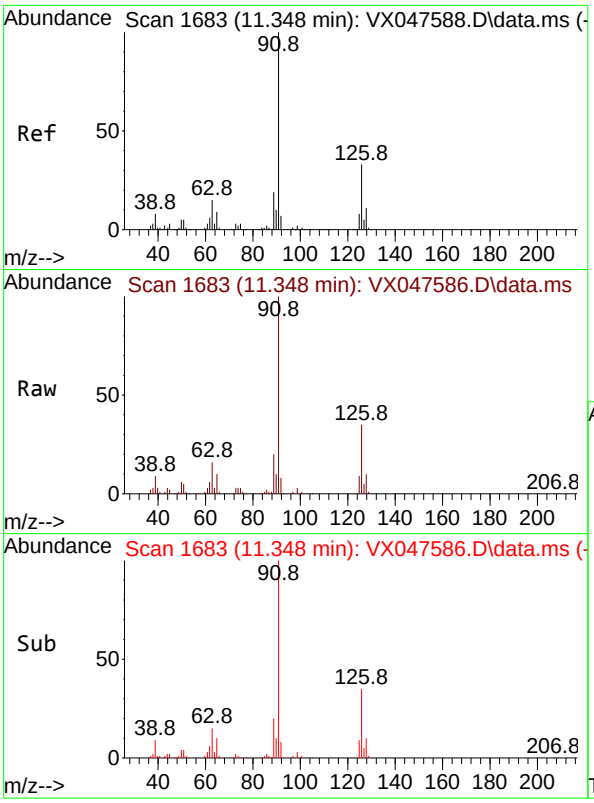


#78
n-propylbenzene
Concen: 5.192 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 72900

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1



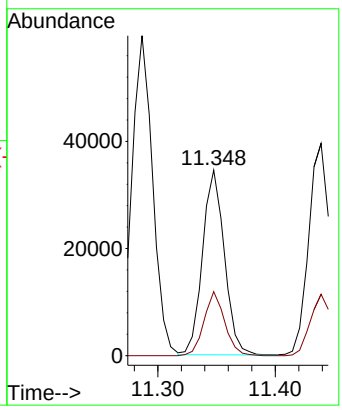


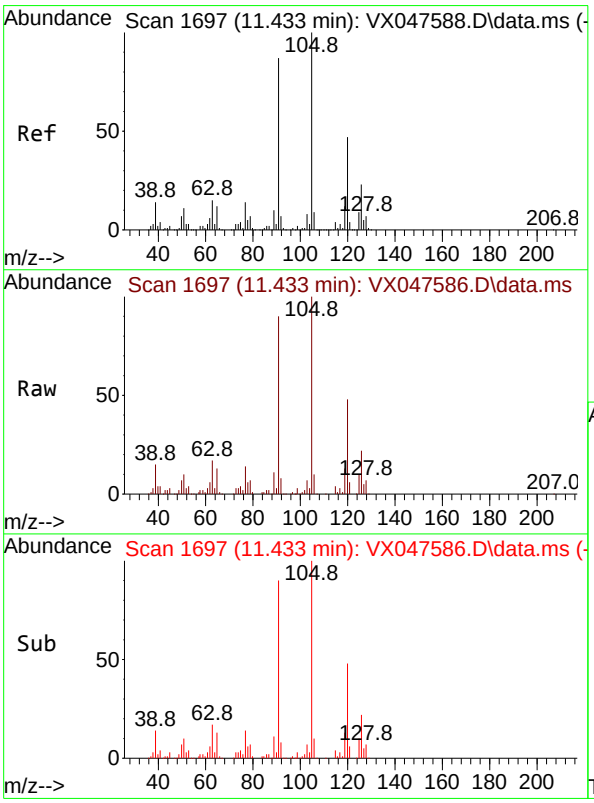
#79
2-Chlorotoluene
Concen: 5.194 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 44663

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

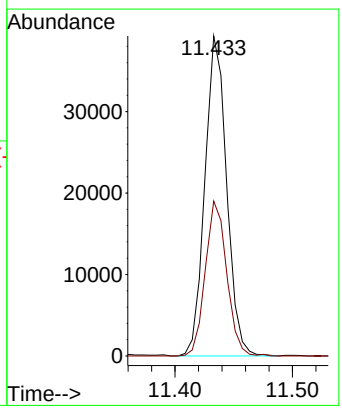


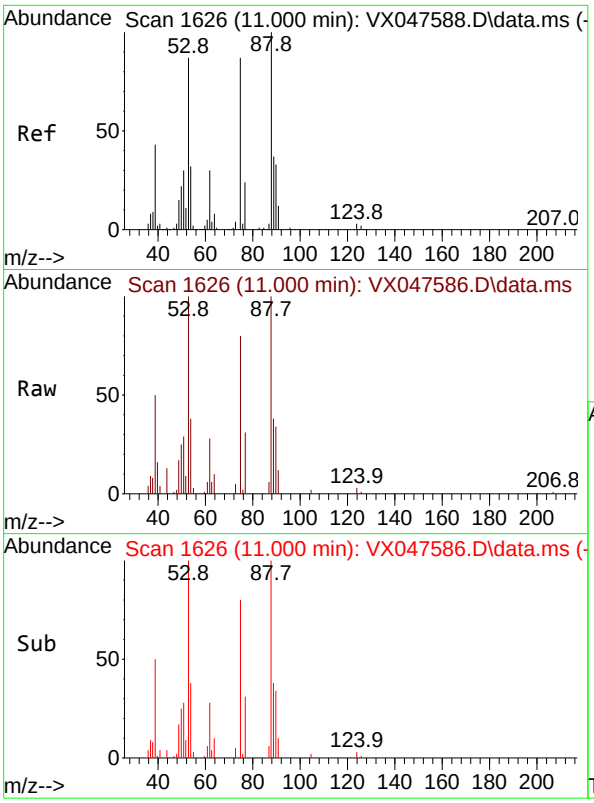


#80
1,3,5-Trimethylbenzene
Concen: 5.179 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 50535

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.6	70.8



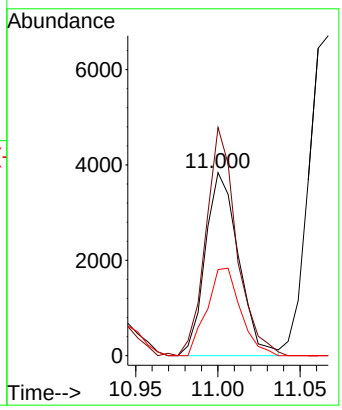


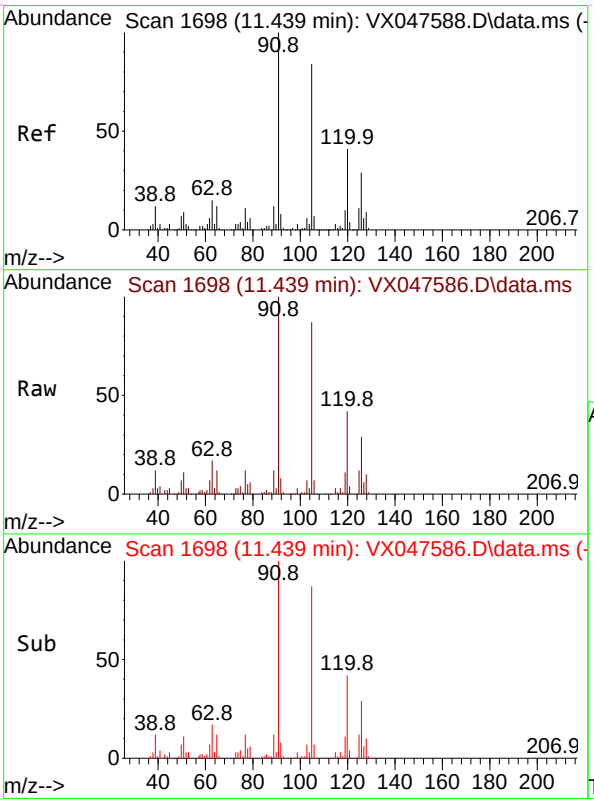
#81
trans-1,4-Dichloro-2-butene
Concen: 4.364 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 5413

Ion	Ratio	Lower	Upper
75	100		
53	114.9	83.4	125.2
89	48.3	36.3	54.5

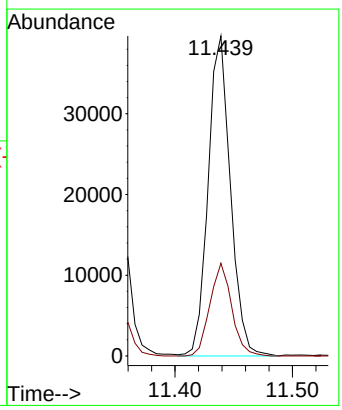


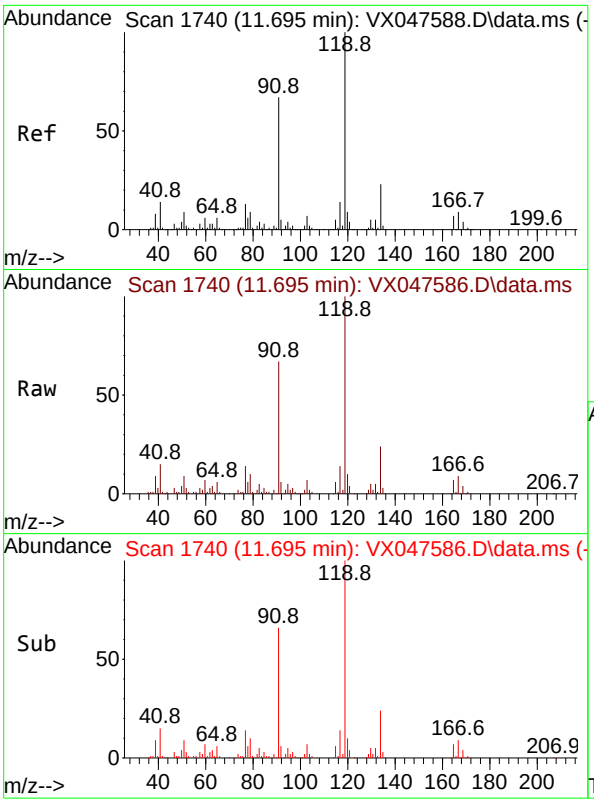


#82
4-Chlorotoluene
Concen: 5.149 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 52294

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.2	42.6



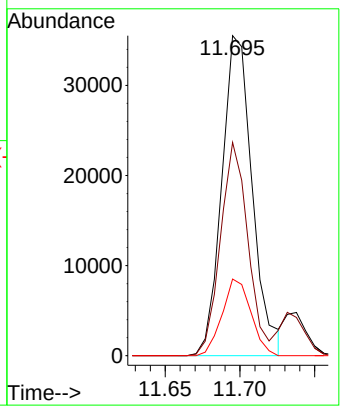


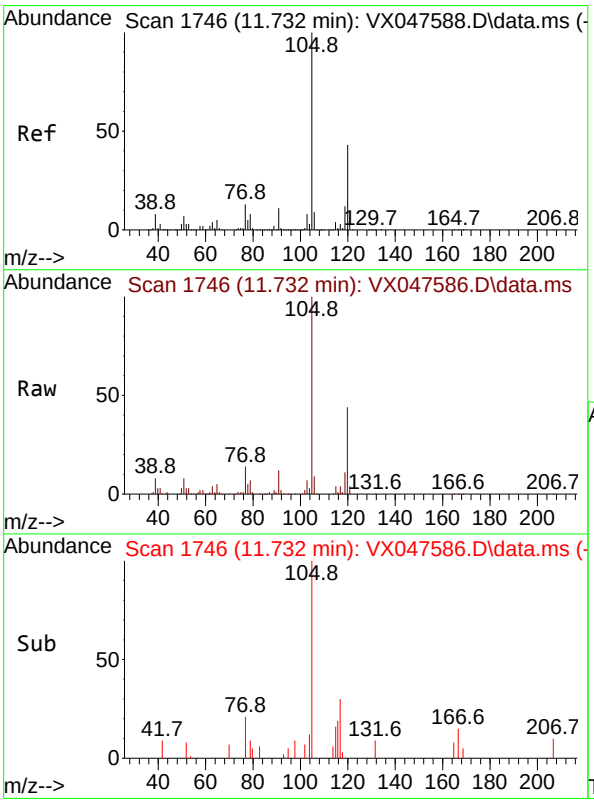
#83
tert-Butylbenzene
Concen: 5.041 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 50350

Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.6	88.8
134	22.7	11.0	33.0

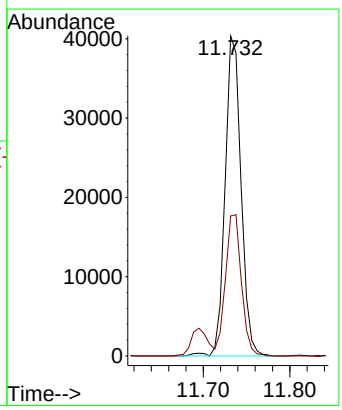


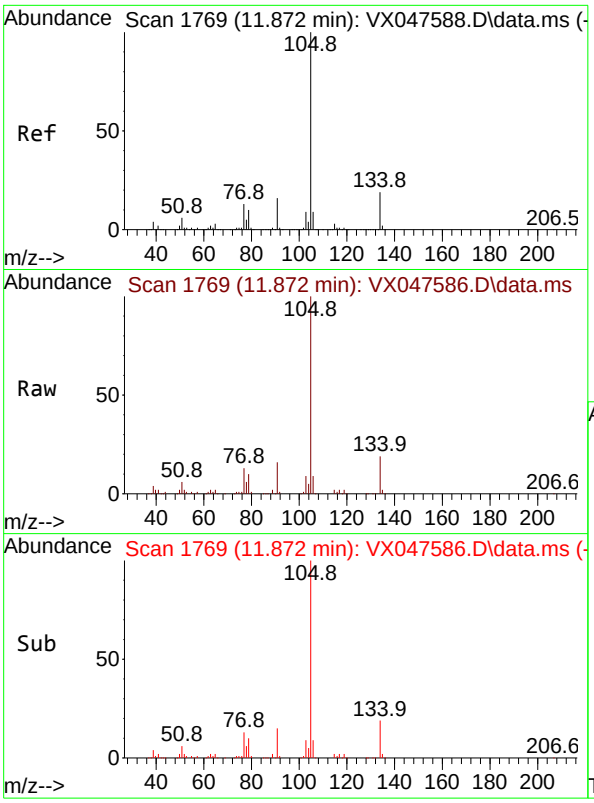


#84
1,2,4-Trimethylbenzene
Concen: 5.214 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 51583

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1



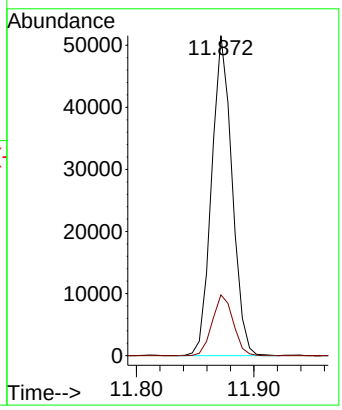


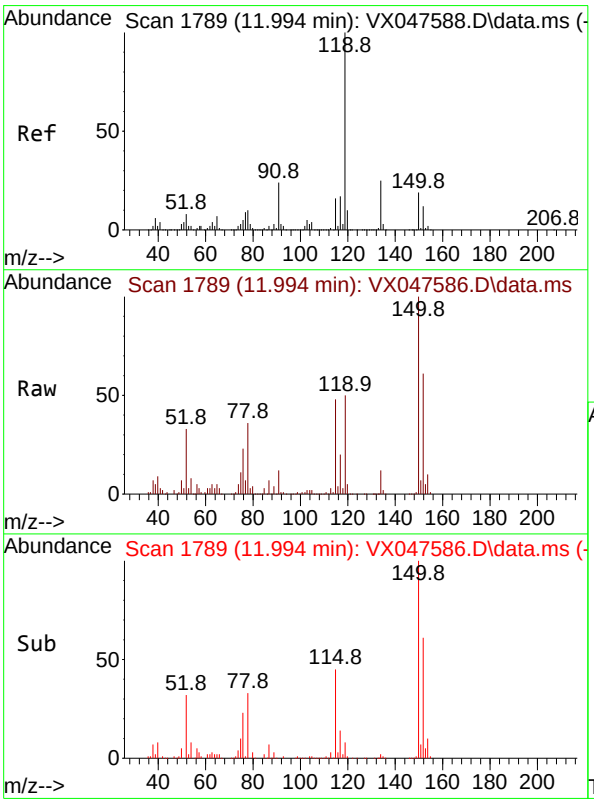
#85
sec-Butylbenzene
Concen: 5.268 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 62507

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

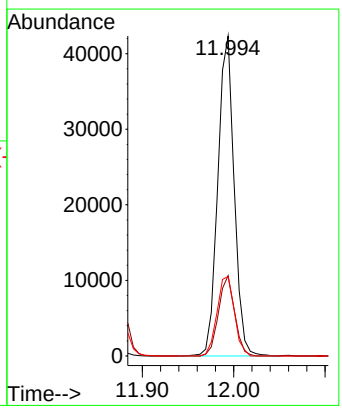


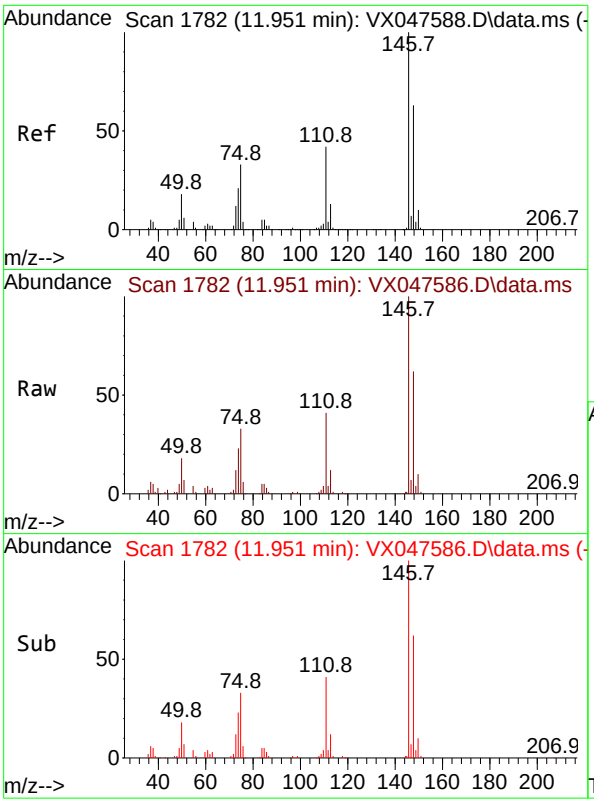


#86
p-Isopropyltoluene
Concen: 5.244 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:119 Resp: 52674

Ion	Ratio	Lower	Upper
119	100		
134	24.7	12.6	37.8
91	26.2	12.6	37.6



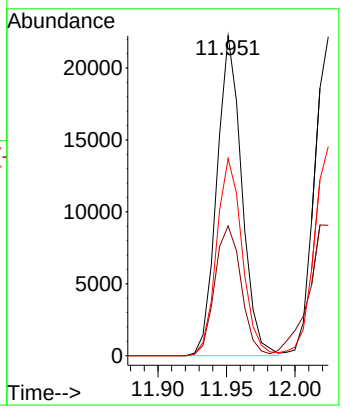


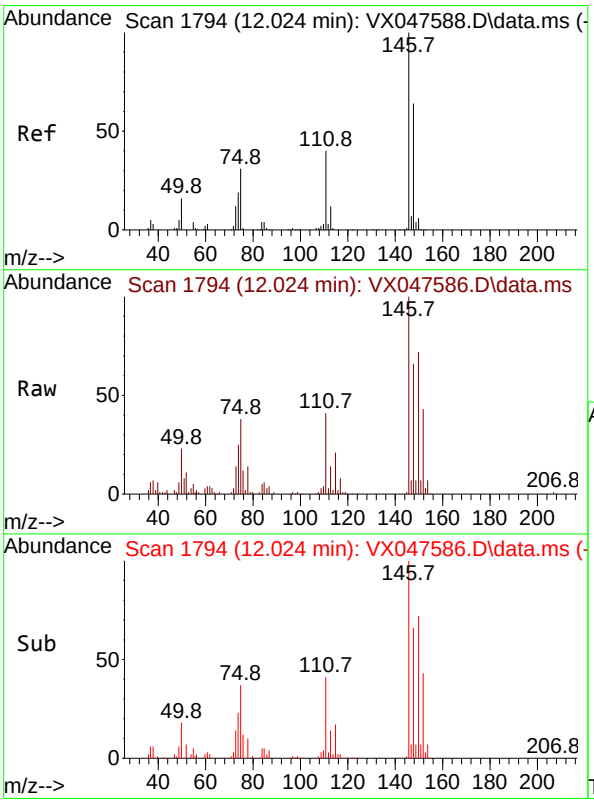
#87
1,3-Dichlorobenzene
Concen: 5.175 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 28116

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	63.4	32.0	96.0

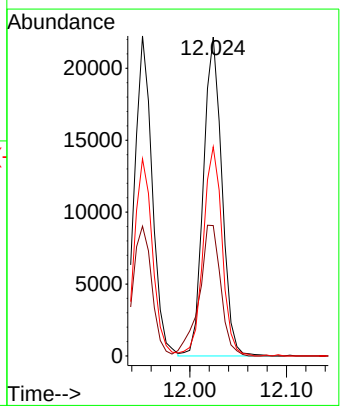


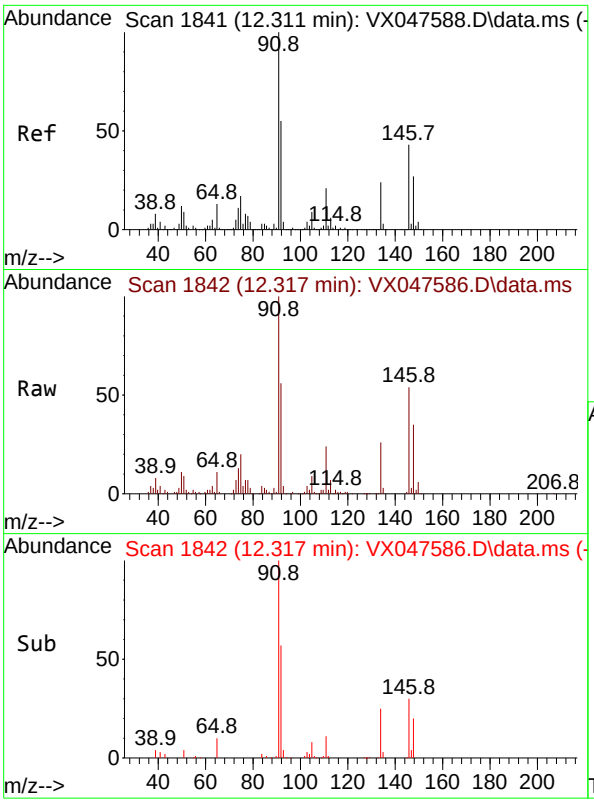


#88
1,4-Dichlorobenzene
Concen: 5.294 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:146 Resp: 29519

Ion	Ratio	Lower	Upper
146	100		
111	47.8	20.8	62.4
148	66.9	31.7	95.1



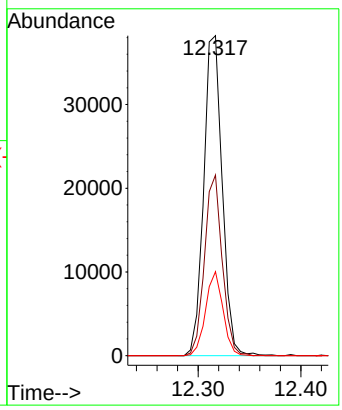


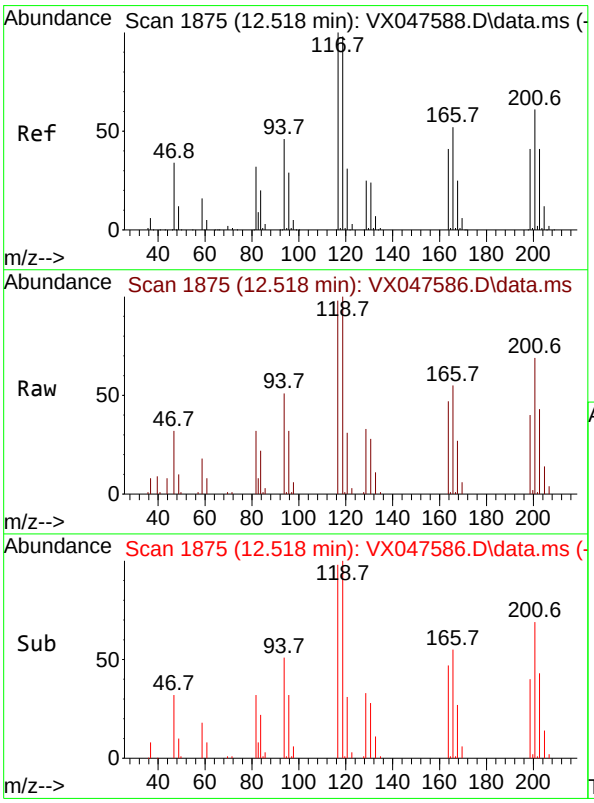
#89
n-Butylbenzene
Concen: 5.159 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 47953

Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.6	82.7
134	24.6	12.6	37.8

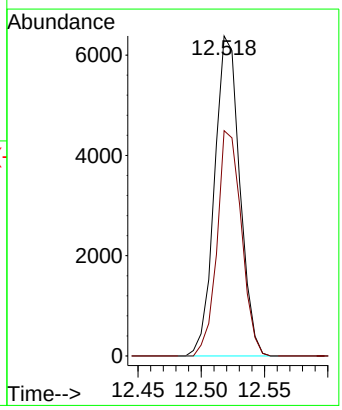


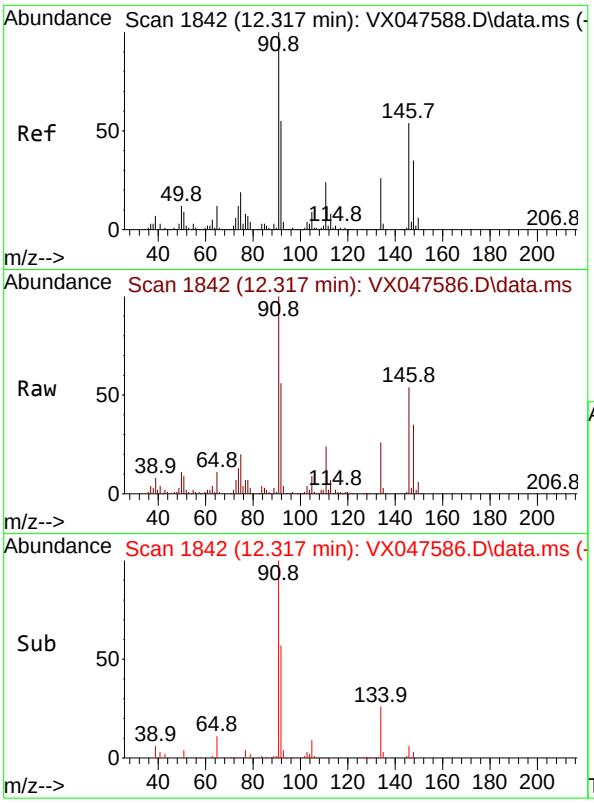


#90
Hexachloroethane
Concen: 5.007 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 8830

Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.2	102.5



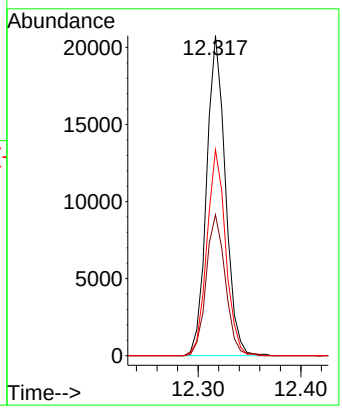


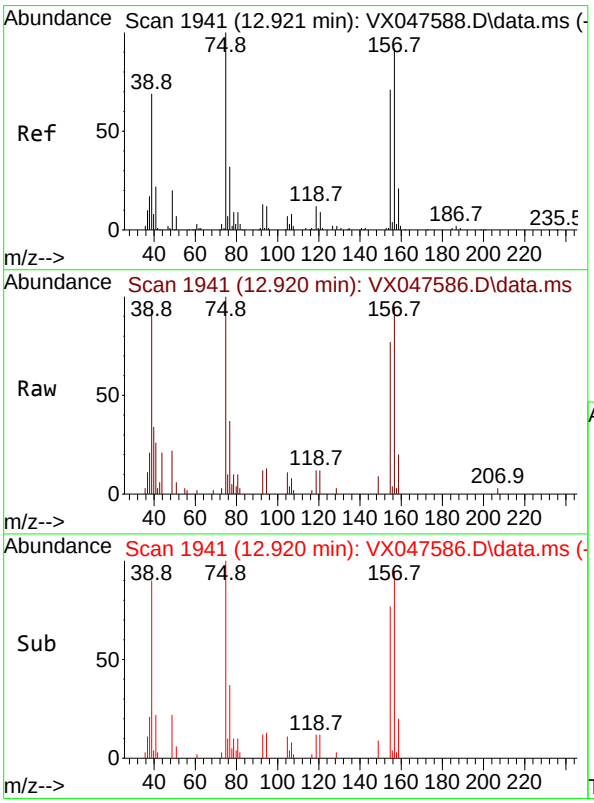
#91
1,2-Dichlorobenzene
Concen: 5.102 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 26409

Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.2	66.6
148	64.2	31.8	95.4

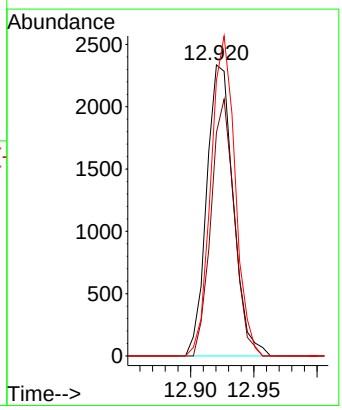


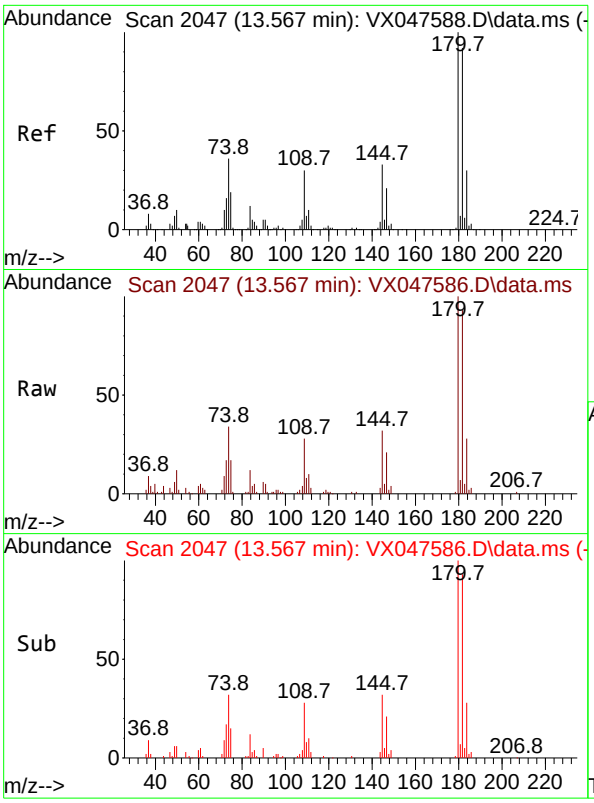


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.690 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 3412

Ion	Ratio	Lower	Upper
75	100		
155	77.4	37.7	113.1
157	100.1	49.8	149.4



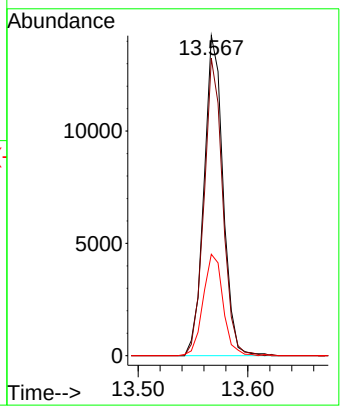


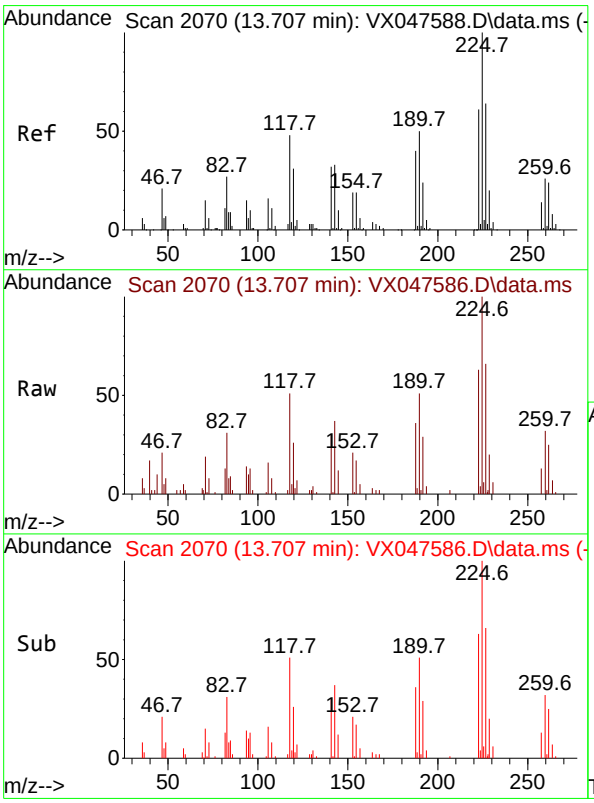
#93
1,2,4-Trichlorobenzene
Concen: 5.103 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 17167

Ion	Ratio	Lower	Upper
180	100		
182	91.2	46.6	139.8
145	33.2	16.4	49.1

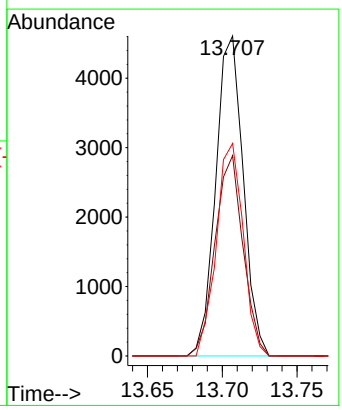


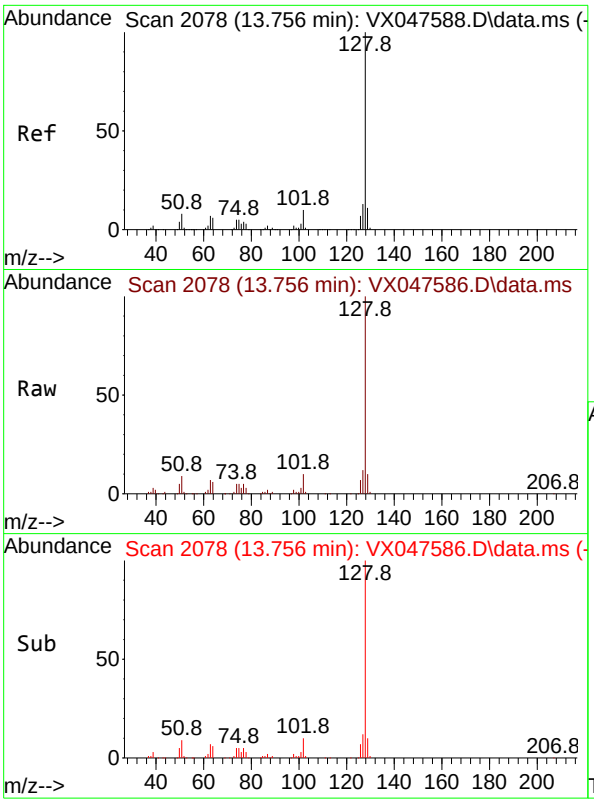


#94
Hexachlorobutadiene
Concen: 5.158 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:225 Resp: 5894

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.7	95.1
227	64.7	32.0	96.0



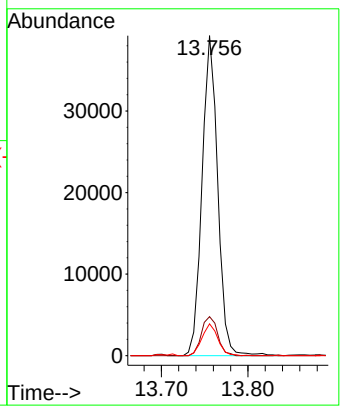


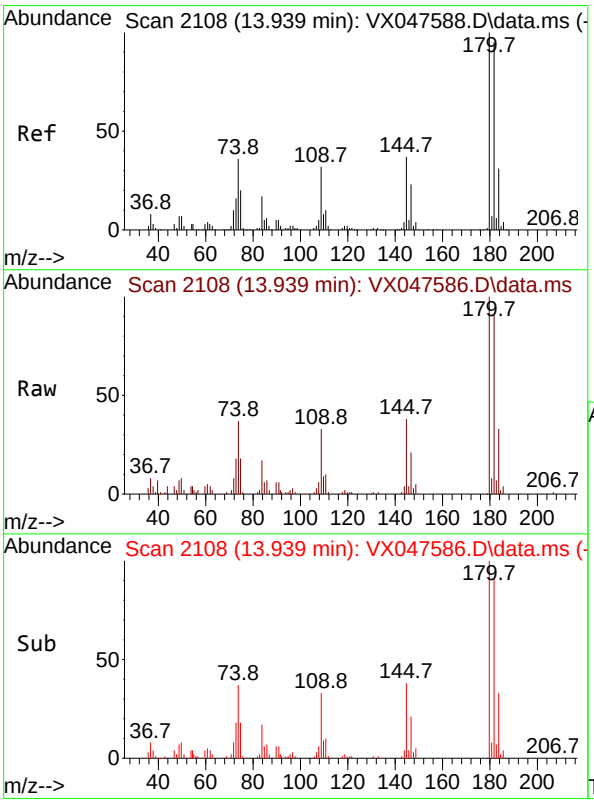
#95
Naphthalene
Concen: 4.808 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 49257

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.1	8.8	13.2

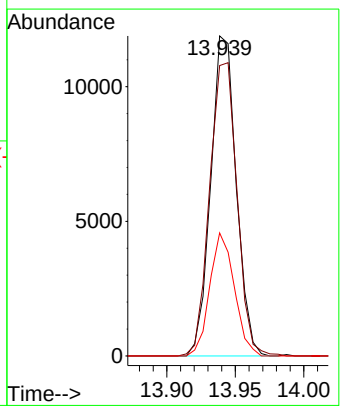




#96
1,2,3-Trichlorobenzene
Concen: 4.921 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:180 Resp: 15400

Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.6	142.8
145	37.1	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Sep 22 01:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	189559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	336287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	298629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	49073	16.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 32.520%#			
35) Dibromofluoromethane	5.379	113	35788	15.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 31.740%#			
50) Toluene-d8	8.634	98	126875	16.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 32.520%#			
62) 4-Bromofluorobenzene	11.067	95	48454	16.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 32.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	44126	22.480	ug/l	100
3) Chloromethane	1.300	50	56023	21.716	ug/l	96
4) Vinyl Chloride	1.386	62	54256	21.485	ug/l	96
5) Bromomethane	1.617	94	34193	21.353	ug/l	100
6) Chloroethane	1.697	64	35551	21.063	ug/l	97
7) Trichlorofluoromethane	1.898	101	78667	20.980	ug/l	100
8) Diethyl Ether	2.136	74	31335	20.429	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	45733	20.859	ug/l	98
10) Methyl Iodide	2.459	142	69935	20.452	ug/l	99
11) Tert butyl alcohol	2.946	59	32456	96.582	ug/l	98
12) 1,1-Dichloroethene	2.325	96	46863	20.808	ug/l	96
13) Acrolein	2.239	56	26159	84.473	ug/l	100
14) Allyl chloride	2.666	41	94710	20.379	ug/l	97
15) Acrylonitrile	3.062	53	130143	104.554	ug/l	99
16) Acetone	2.373	43	151538	115.507	ug/l	100
17) Carbon Disulfide	2.520	76	133296	21.620	ug/l	98
18) Methyl Acetate	2.703	43	54120	18.536	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	168426	20.486	ug/l	98
20) Methylene Chloride	2.788	84	57153	20.581	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	50413	20.791	ug/l	94
22) Diisopropyl ether	3.757	45	188598	20.940	ug/l	96
23) Vinyl Acetate	3.715	43	765675	106.218	ug/l	100
24) 1,1-Dichloroethane	3.605	63	98509	20.578	ug/l	99
25) 2-Butanone	4.538	43	179487	109.679	ug/l	94
26) 2,2-Dichloropropane	4.471	77	81413	20.459	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	60865	20.497	ug/l	98
28) Bromochloromethane	4.891	49	34085	16.309	ug/l	100
29) Tetrahydrofuran	4.995	42	102935	104.560	ug/l	97
30) Chloroform	5.080	83	103586	21.413	ug/l	99
31) Cyclohexane	5.464	56	82770	20.759	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	86500	21.081	ug/l	99
36) 1,1-Dichloropropene	5.684	75	68395	20.754	ug/l	99
37) Ethyl Acetate	4.702	43	74499	21.113	ug/l	96
38) Carbon Tetrachloride	5.665	117	74636	20.844	ug/l	95
39) Methylcyclohexane	7.366	83	79499	21.251	ug/l	98
40) Benzene	6.025	78	210711	21.051	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Sep 22 01:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	38525	21.148	ug/l		99
42) 1,2-Dichloroethane	6.074	62	80646	21.175	ug/l		99
43) Isopropyl Acetate	6.324	43	119623	20.670	ug/l		100
44) Trichloroethene	7.110	130	51369	21.228	ug/l		97
45) 1,2-Dichloropropane	7.415	63	53046	20.697	ug/l		97
46) Dibromomethane	7.568	93	38910	20.862	ug/l		99
47) Bromodichloromethane	7.805	83	80831	21.002	ug/l		98
48) Methyl methacrylate	7.677	41	60182	20.877	ug/l		98
49) 1,4-Dioxane	7.647	88	12047	413.530	ug/l		95
51) 4-Methyl-2-Pentanone	8.561	43	338370	105.456	ug/l		100
52) Toluene	8.708	92	129193	20.950	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	80972	20.625	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	86648	20.650	ug/l		99
55) 1,1,2-Trichloroethane	9.140	97	49857	20.967	ug/l		98
56) Ethyl methacrylate	9.104	69	79011	21.158	ug/l		99
57) 1,3-Dichloropropane	9.293	76	85511	20.934	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	141395	86.617	ug/l		100
59) 2-Hexanone	9.415	43	250007	108.488	ug/l		99
60) Dibromochloromethane	9.506	129	57994	21.167	ug/l		99
61) 1,2-Dibromoethane	9.598	107	51614	21.310	ug/l		99
64) Tetrachloroethene	9.262	164	40840	20.979	ug/l		95
65) Chlorobenzene	10.061	112	140642	20.731	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	48022	20.513	ug/l		99
67) Ethyl Benzene	10.177	91	244737	20.907	ug/l		98
68) m/p-Xylenes	10.287	106	182778	41.951	ug/l		100
69) o-Xylene	10.628	106	87651	20.799	ug/l		98
70) Styrene	10.640	104	154077	20.866	ug/l		99
71) Bromoform	10.780	173	35922	20.550	ug/l	#	98
73) Isopropylbenzene	10.945	105	225730	20.970	ug/l		99
74) N-amyl acetate	10.829	43	104823	21.354	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	68132	20.920	ug/l		99
76) 1,2,3-Trichloropropane	11.225	75	76996	26.858	ug/l		89
77) Bromobenzene	11.183	156	56161	21.183	ug/l		99
78) n-propylbenzene	11.286	91	268399	21.092	ug/l		100
79) 2-Chlorotoluene	11.347	91	166237	21.329	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	187513	21.202	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	21553	19.173	ug/l		96
82) 4-Chlorotoluene	11.439	91	193122	20.980	ug/l		100
83) tert-Butylbenzene	11.695	119	189484	20.929	ug/l		100
84) 1,2,4-Trimethylbenzene	11.738	105	191477	21.355	ug/l		98
85) sec-Butylbenzene	11.872	105	223434	20.777	ug/l		100
86) p-Isopropyltoluene	11.994	119	190931	20.972	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	103584	21.035	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	105819	20.937	ug/l		99
89) n-Butylbenzene	12.317	91	176373	20.937	ug/l		99
90) Hexachloroethane	12.518	117	32526	20.349	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	99493	21.207	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	13729	20.821	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	62722	20.571	ug/l		96
94) Hexachlorobutadiene	13.707	225	20456	19.751	ug/l		98
95) Naphthalene	13.756	128	193134	20.801	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	58409	20.593	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Sep 22 01:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

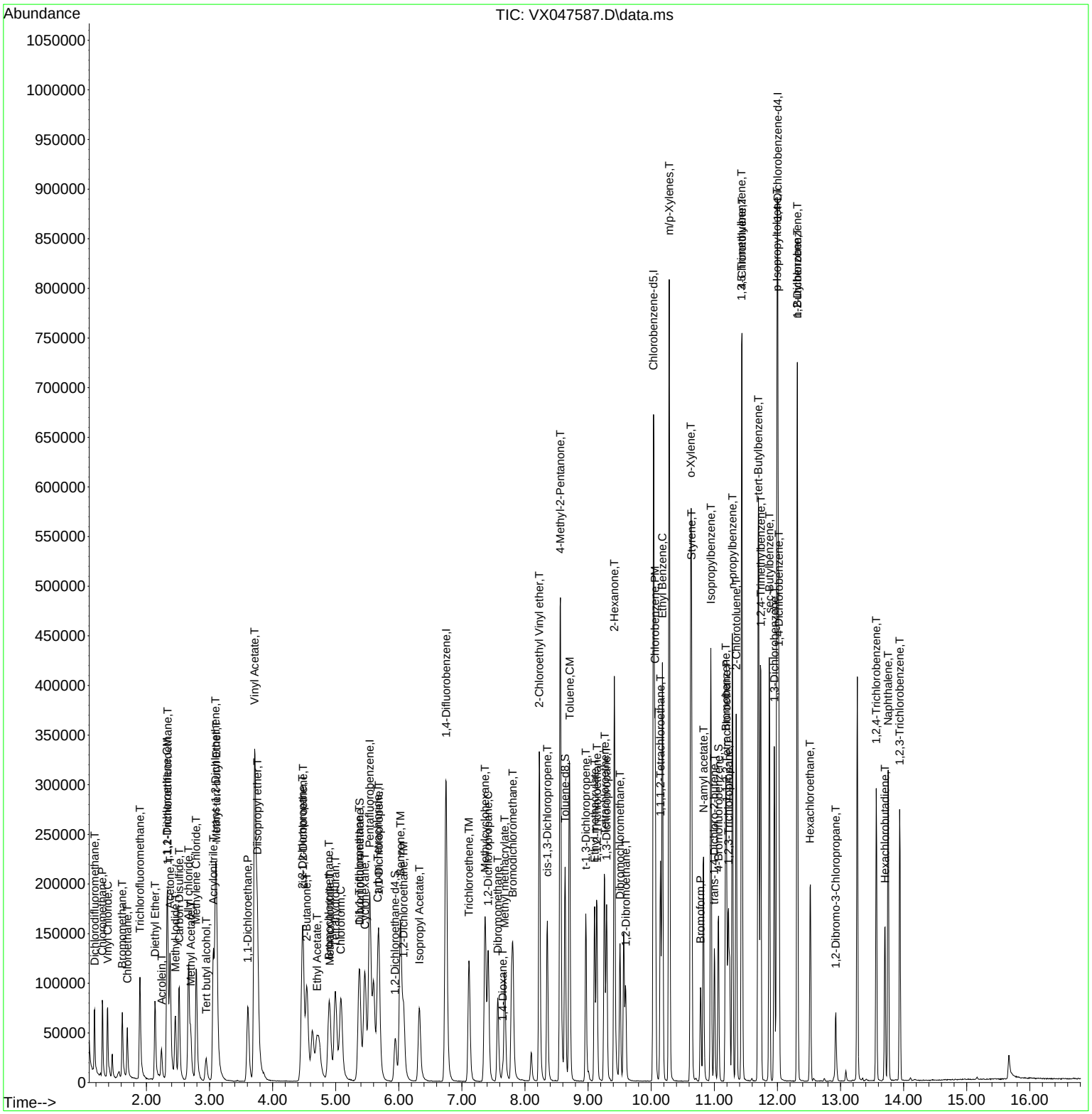
(#) = qualifier out of range (m) = manual integration (+) = signals summed

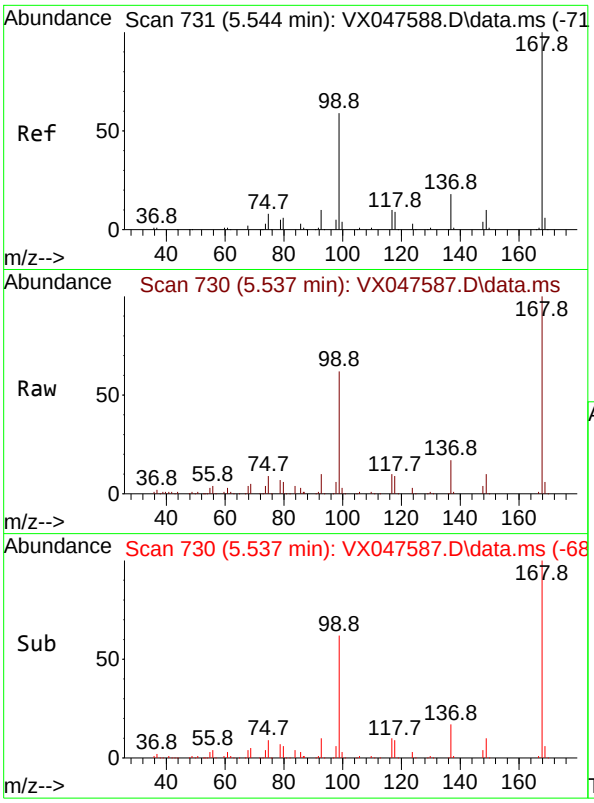
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Sep 22 01:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



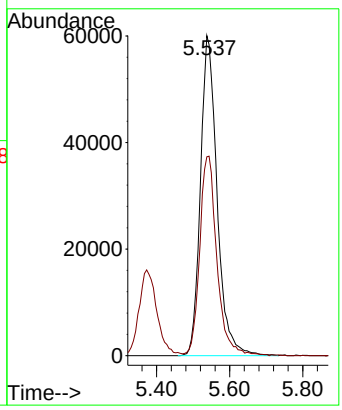


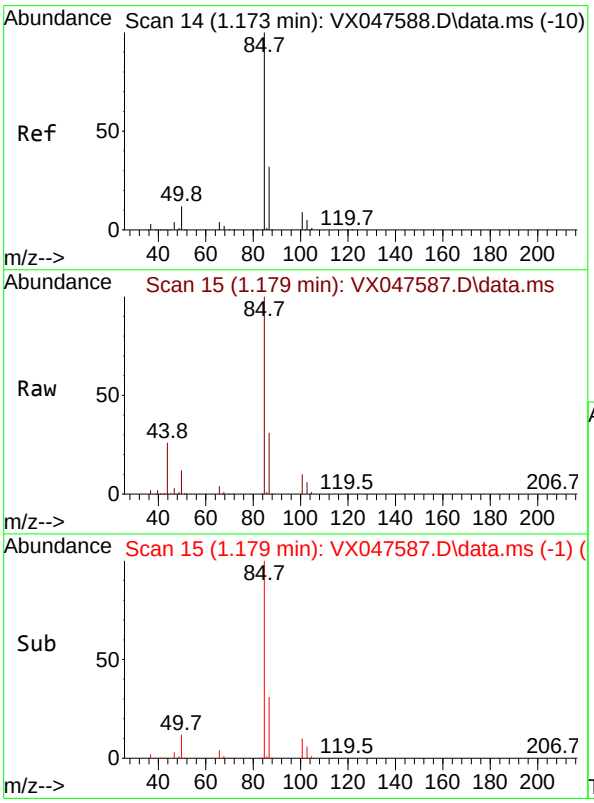
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 189559

Ion	Ratio	Lower	Upper
168	100		
99	61.9	48.8	73.2

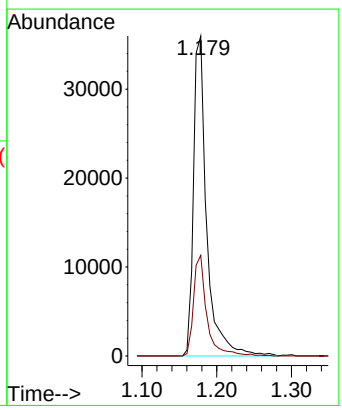


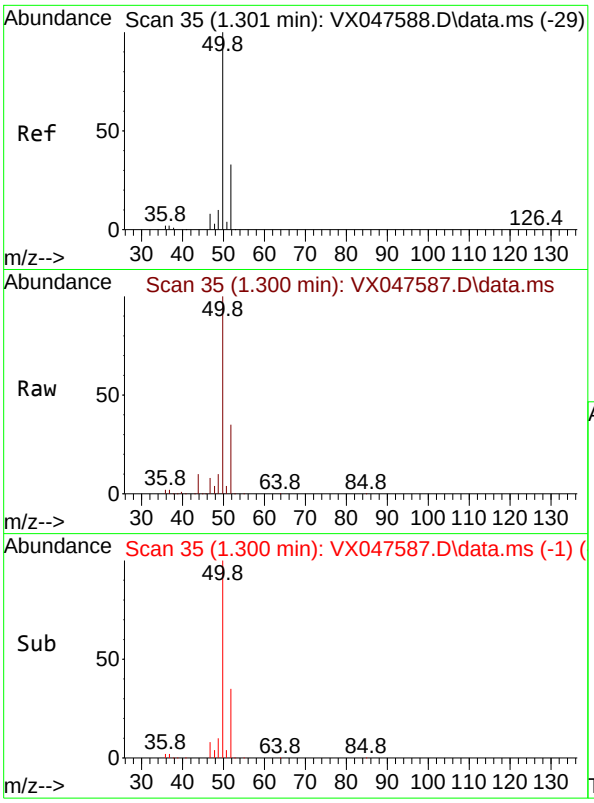


#2
Dichlorodifluoromethane
Concen: 22.480 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 85 Resp: 44126

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3



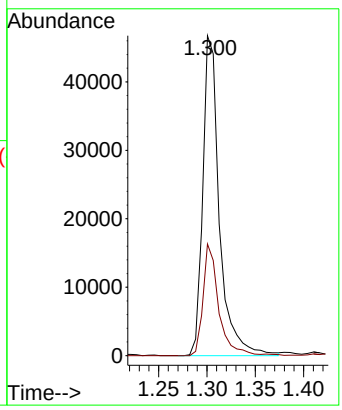


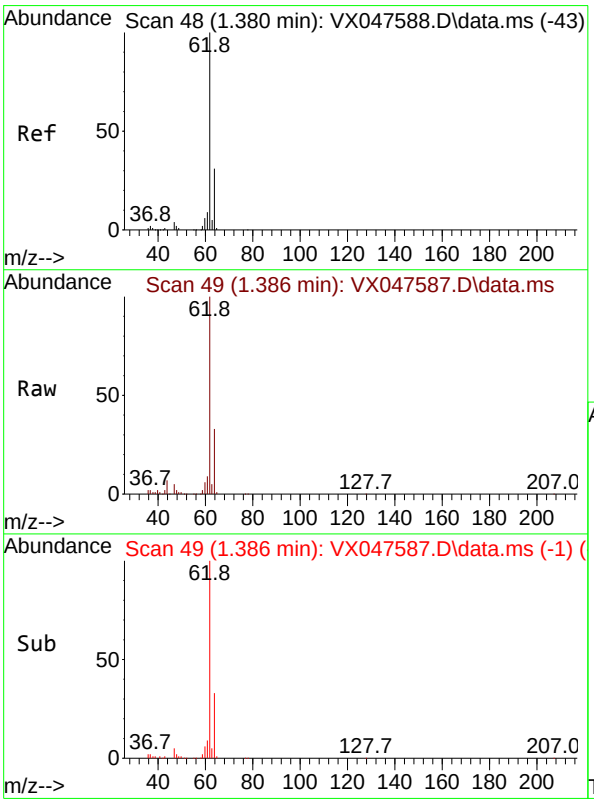
#3
Chloromethane
Concen: 21.716 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 56023

Ion	Ratio	Lower	Upper
50	100		
52	34.9	26.1	39.1

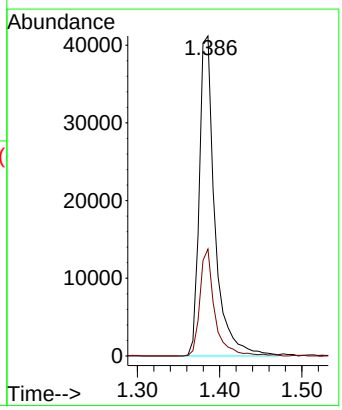


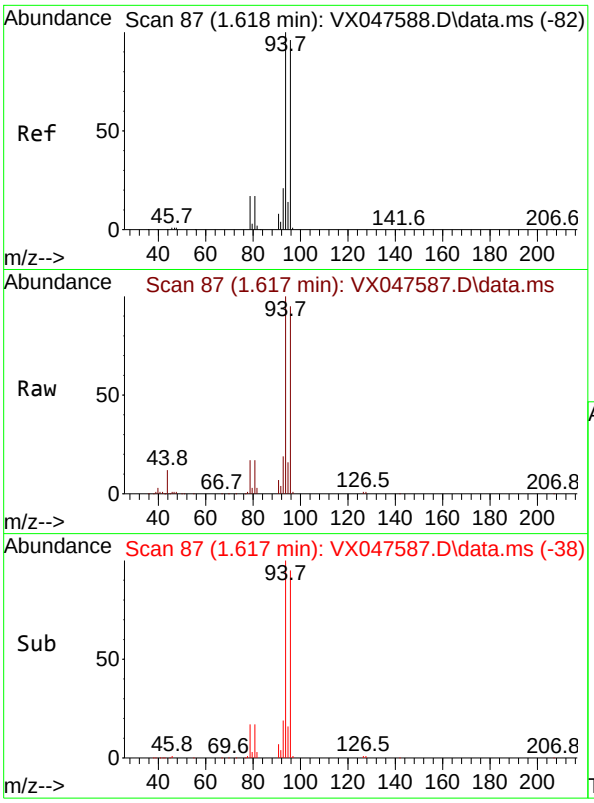


#4
Vinyl Chloride
Concen: 21.485 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 54256

Ion	Ratio	Lower	Upper
62	100		
64	33.4	24.9	37.3



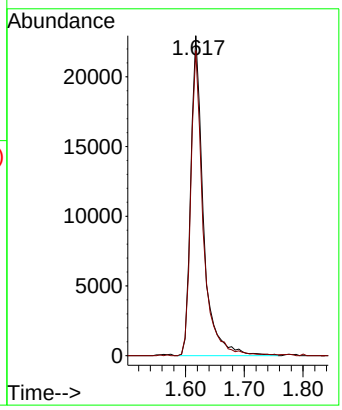


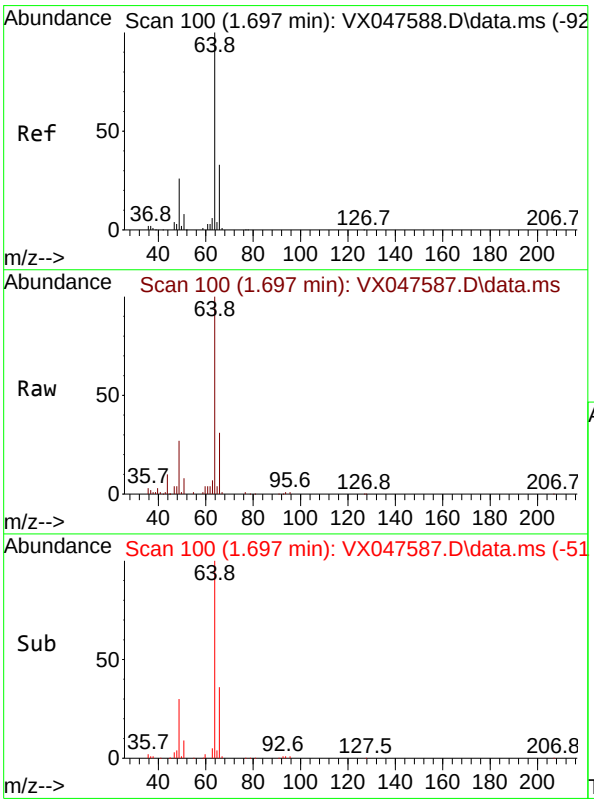
#5
Bromomethane
Concen: 21.353 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 34193

Ion	Ratio	Lower	Upper
94	100		
96	95.3	76.6	115.0

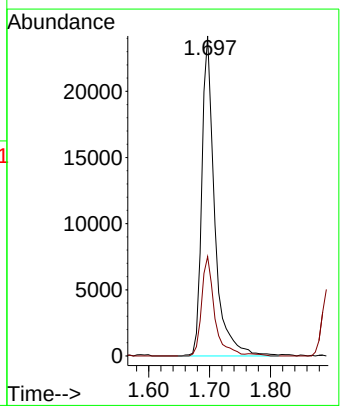


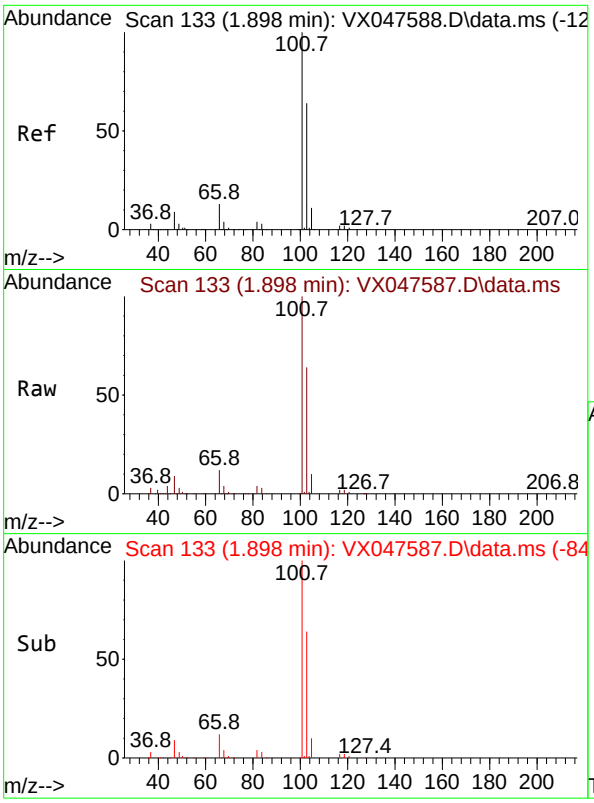


#6
Chloroethane
Concen: 21.063 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 64 Resp: 35551

Ion	Ratio	Lower	Upper
64	100		
66	31.0	26.1	39.1



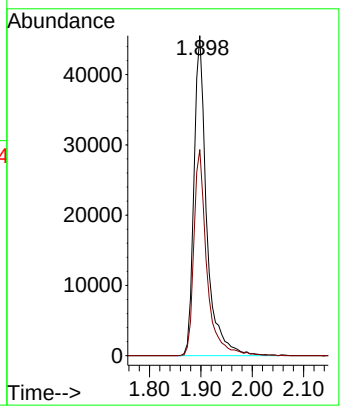


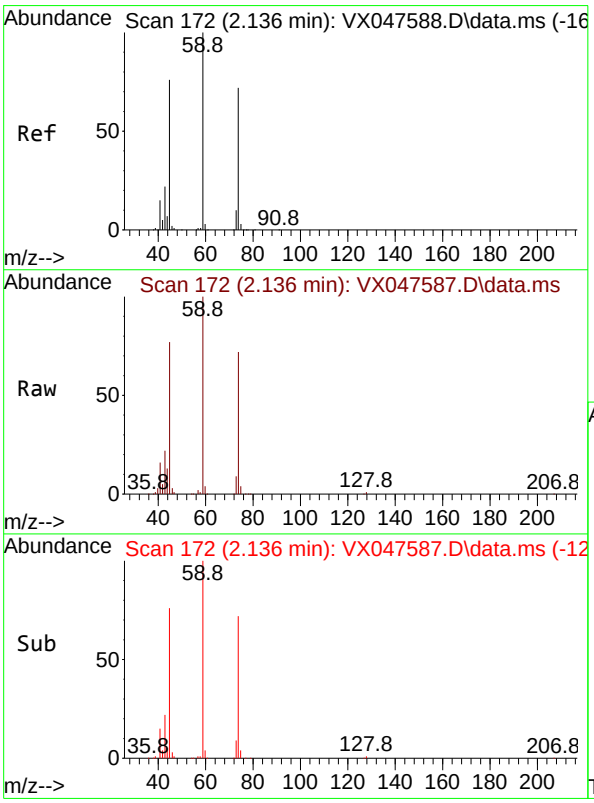
#7
Trichlorofluoromethane
Concen: 20.980 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 78667

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2

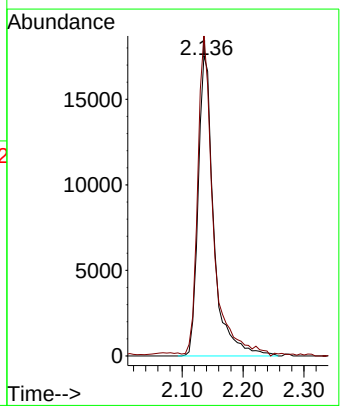


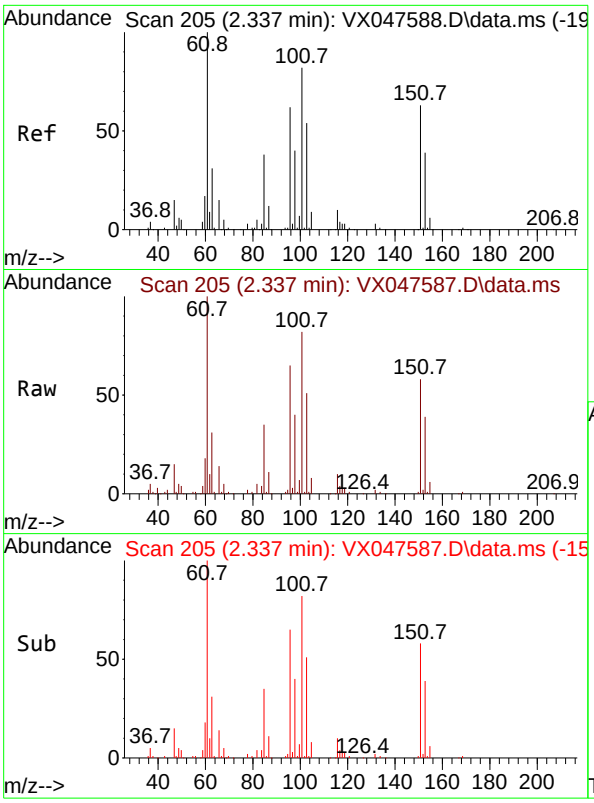


#8
Diethyl Ether
Concen: 20.429 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 74 Resp: 31335

Ion	Ratio	Lower	Upper
74	100		
45	107.0	52.3	156.8



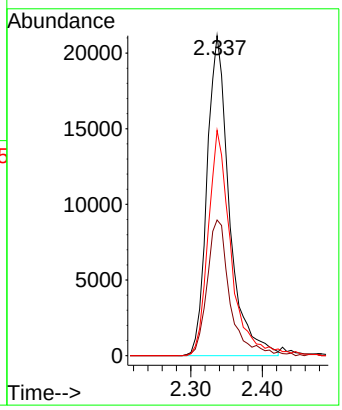


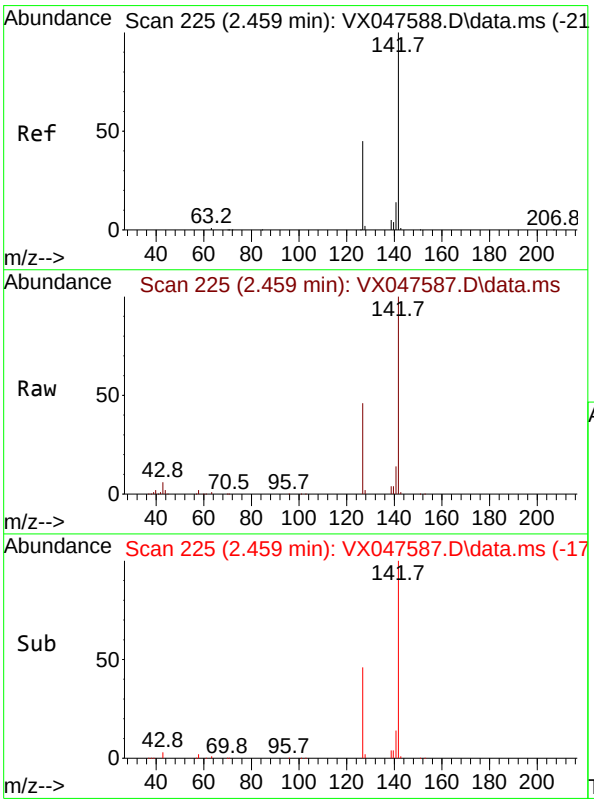
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.859 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 45733

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.5	53.3
151	72.1	59.4	89.0

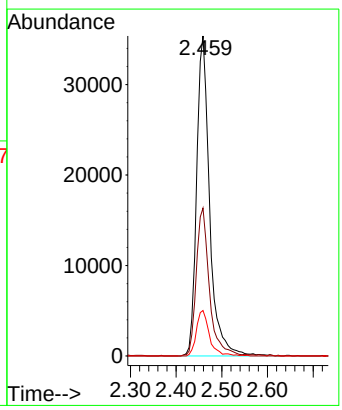


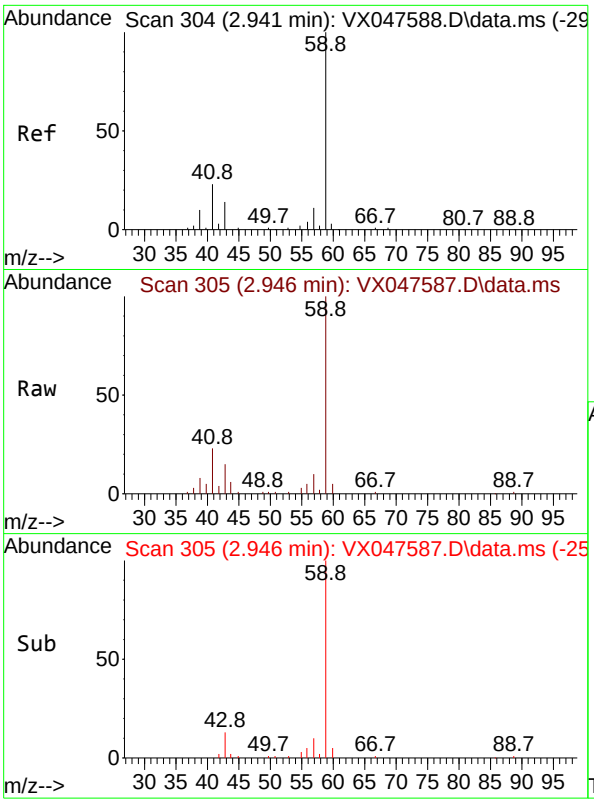


#10
Methyl Iodide
Concen: 20.452 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:142 Resp: 69935

Ion	Ratio	Lower	Upper
142	100		
127	46.9	37.2	55.8
141	14.3	11.4	17.0



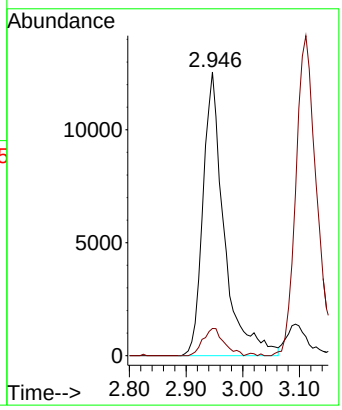


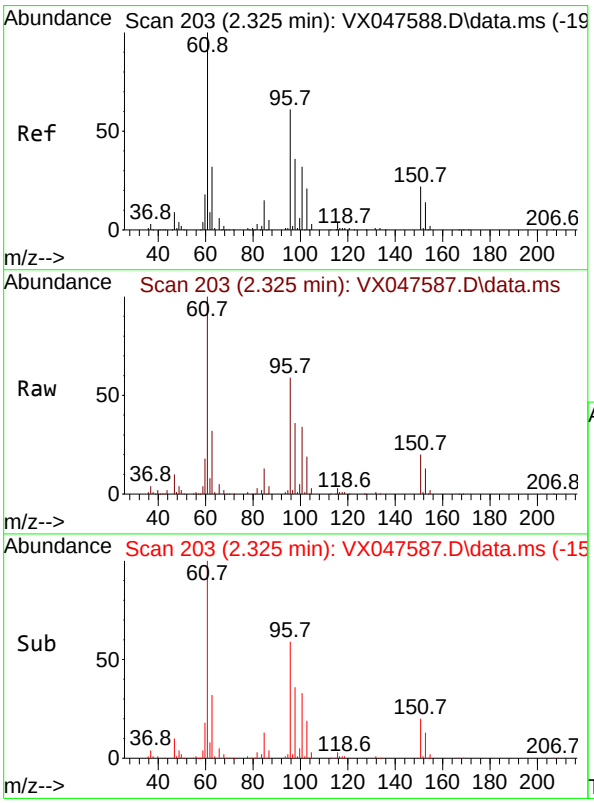
#11
Tert butyl alcohol
Concen: 96.582 ug/l
RT: 2.946 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 32456

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5

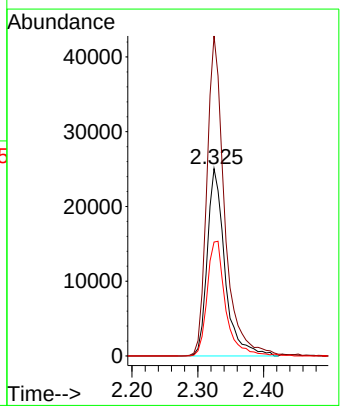


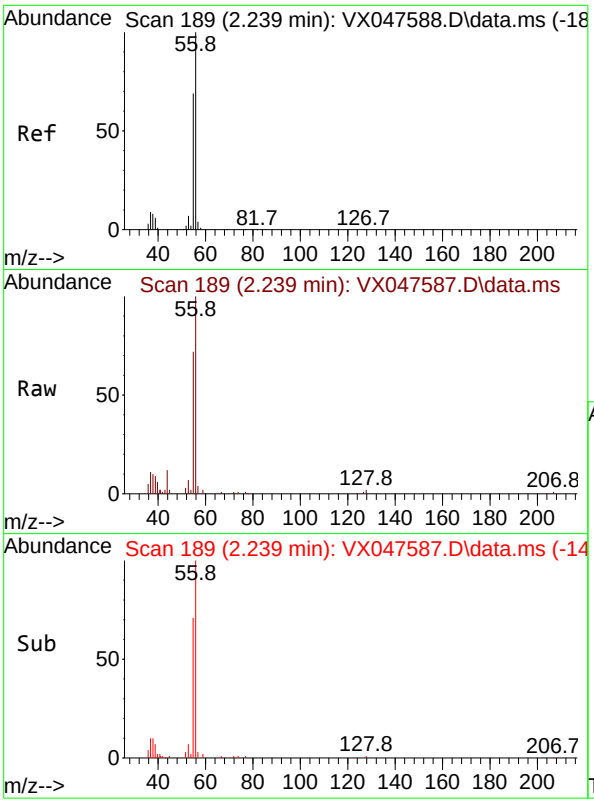


#12
1,1-Dichloroethene
Concen: 20.808 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 96 Resp: 46863

Ion	Ratio	Lower	Upper
96	100		
61	170.7	131.0	196.6
98	60.8	47.7	71.5



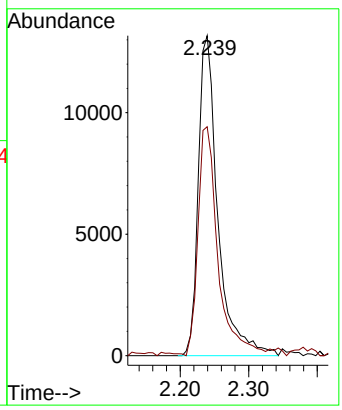


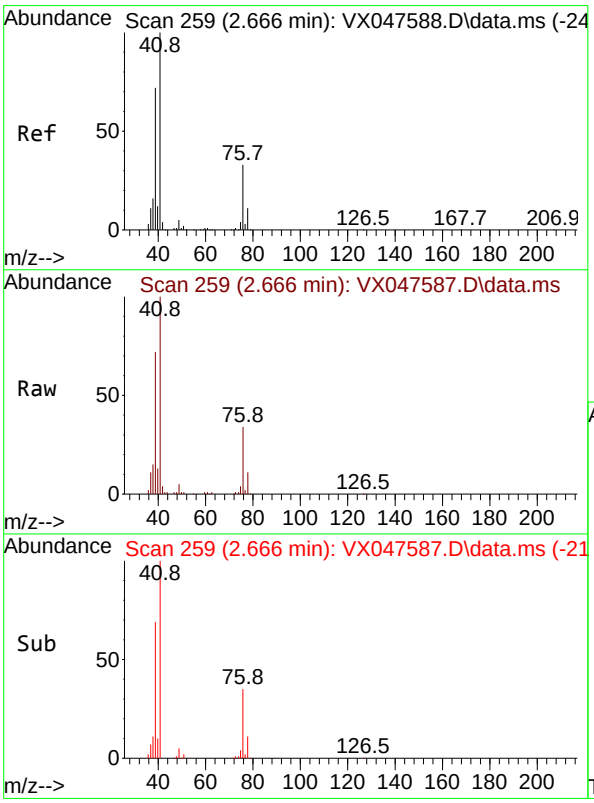
#13
Acrolein
Concen: 84.473 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 26159

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8

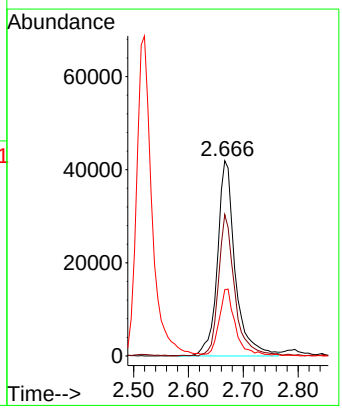


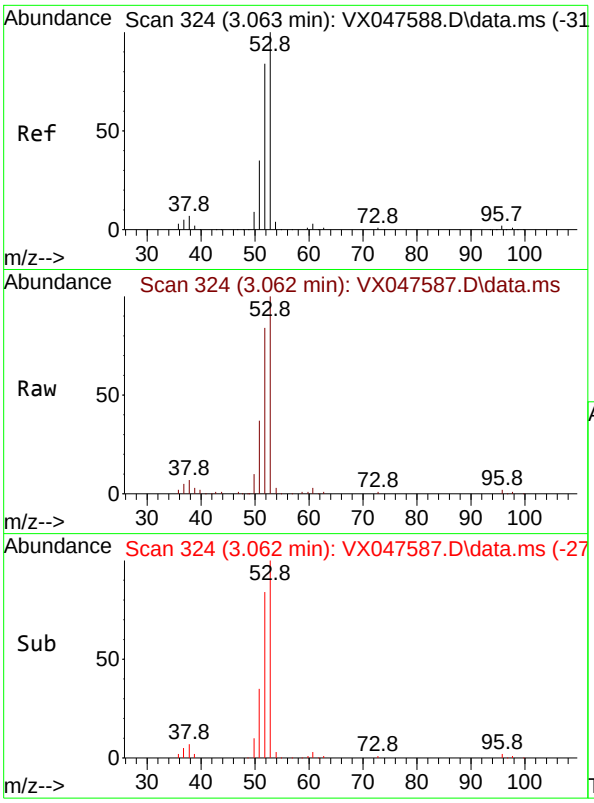


#14
Allyl chloride
Concen: 20.379 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 94710

Ion	Ratio	Lower	Upper
41	100		
39	65.5	54.7	82.1
76	30.3	25.7	38.5



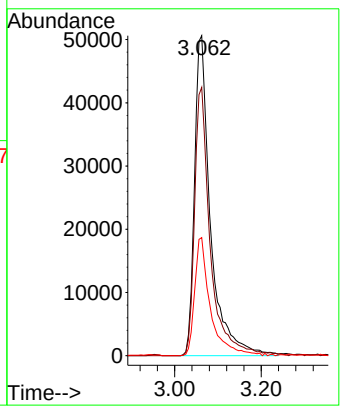


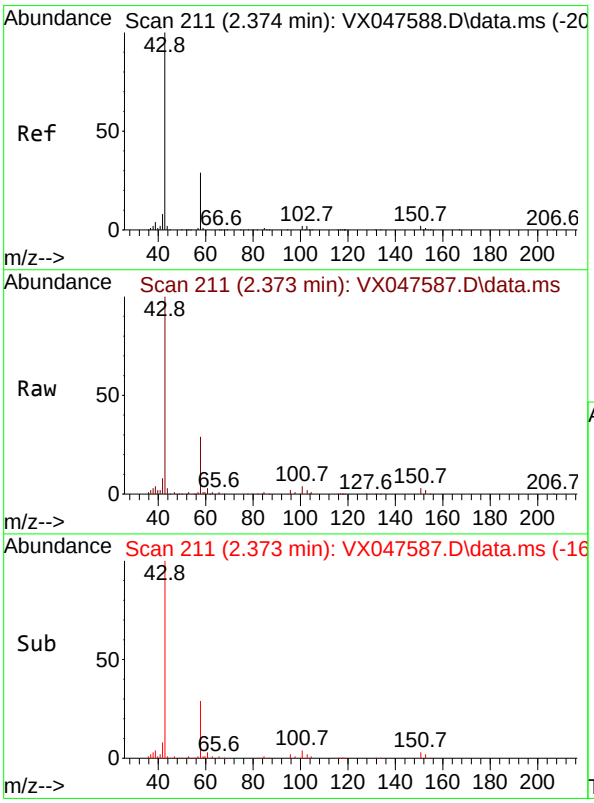
#15
Acrylonitrile
Concen: 104.554 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 130143

Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.4	99.6
51	36.2	29.5	44.3

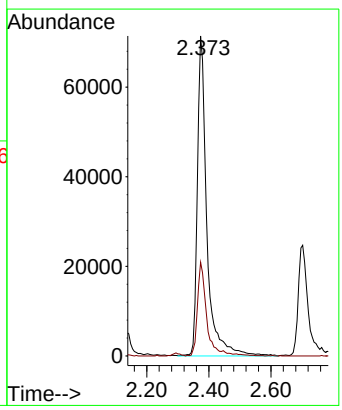


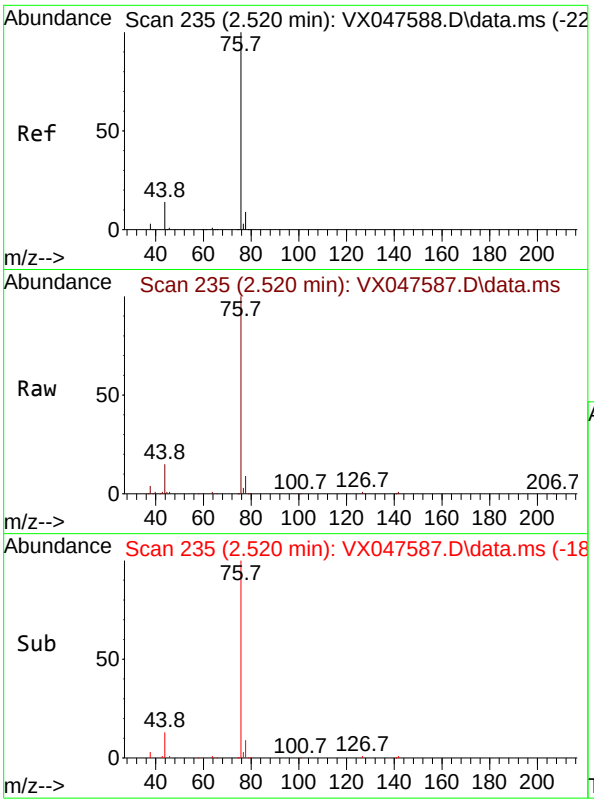


#16
Acetone
Concen: 115.507 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 151538

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.4	35.0



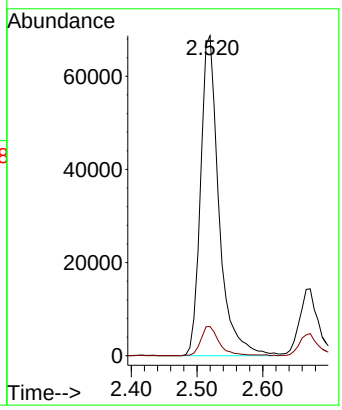


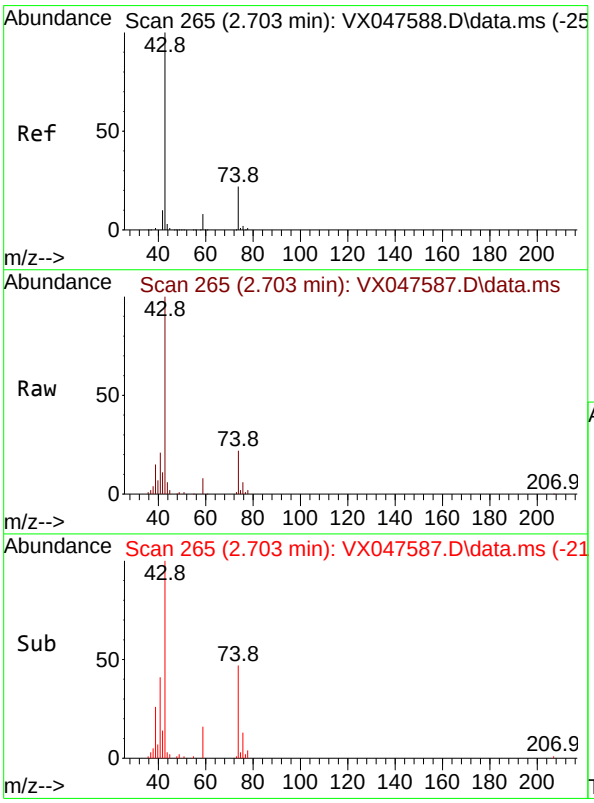
#17
Carbon Disulfide
Concen: 21.620 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 133296

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2

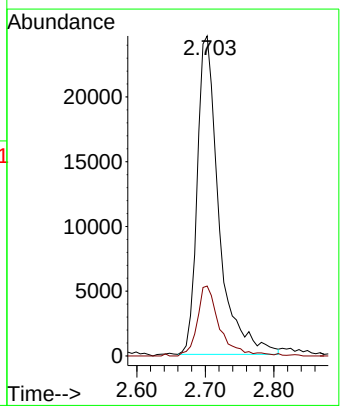


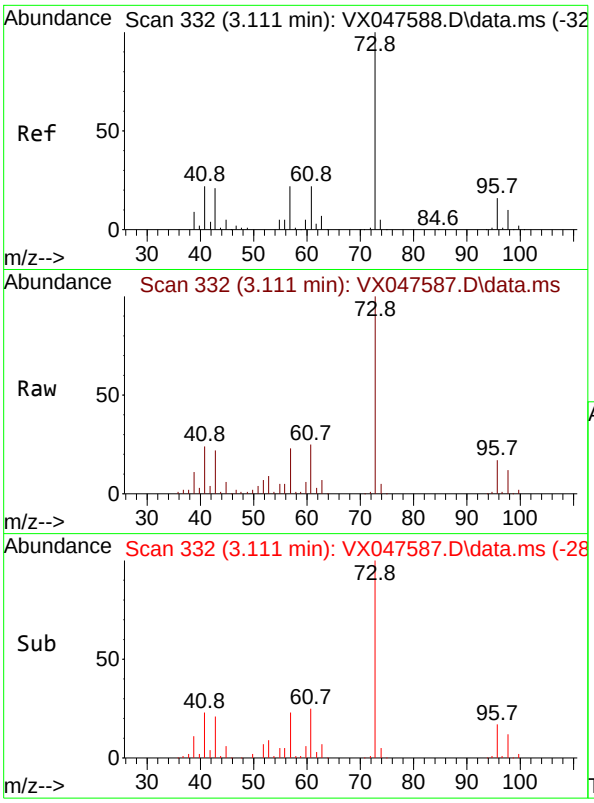


#18
Methyl Acetate
Concen: 18.536 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 54120

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2



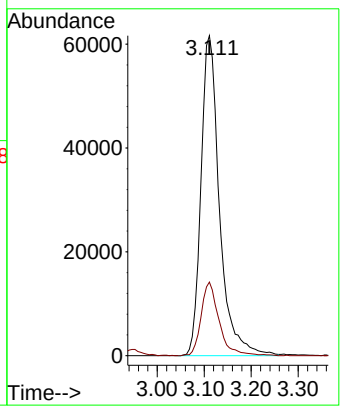


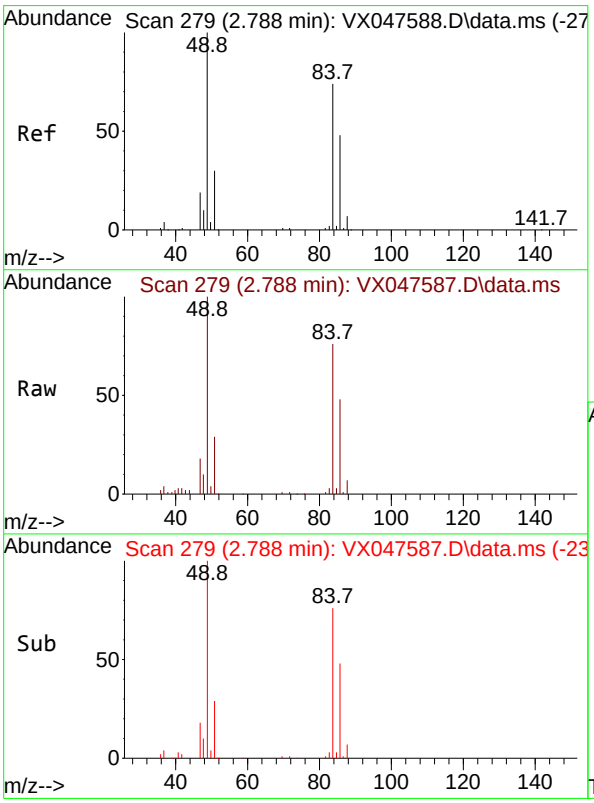
#19
Methyl tert-butyl Ether
Concen: 20.486 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 168426

Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.4	26.2

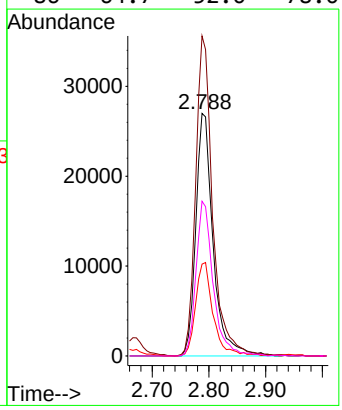


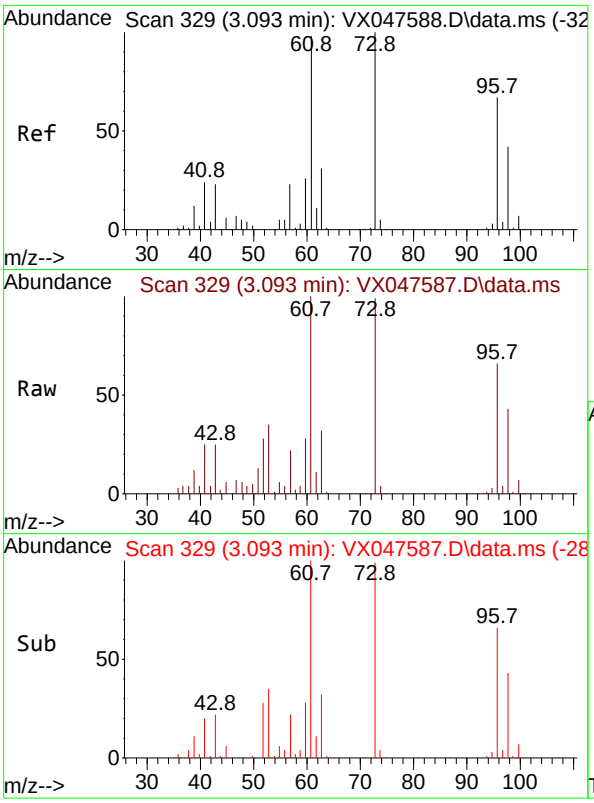


#20
Methylene Chloride
Concen: 20.581 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 84 Resp: 57153

Ion	Ratio	Lower	Upper
84	100		
49	131.7	108.6	162.8
51	37.9	32.6	48.8
86	64.7	52.0	78.0



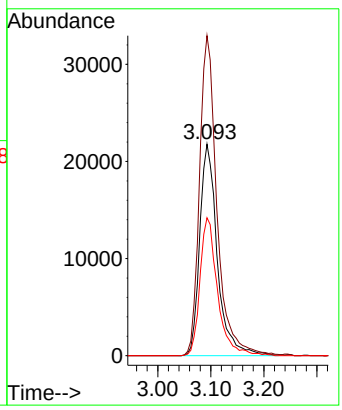


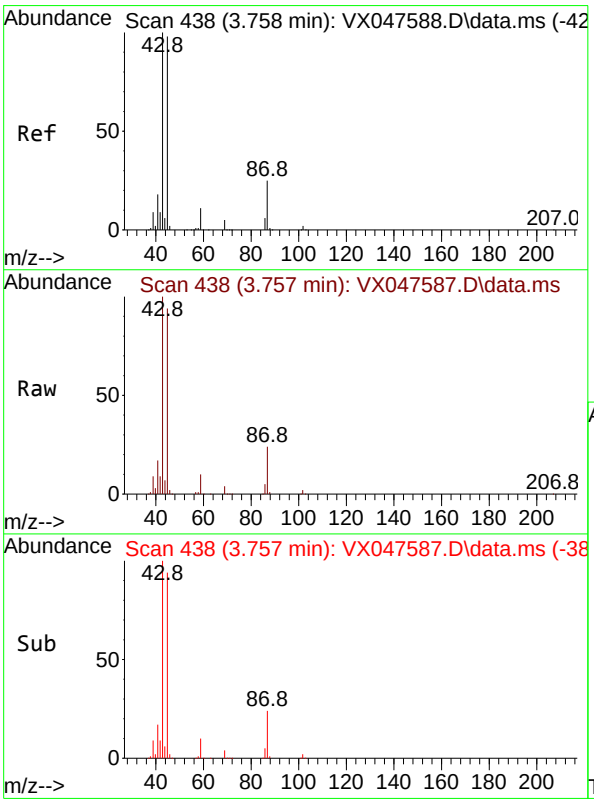
#21
trans-1,2-Dichloroethene
Concen: 20.791 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 50413

Ion	Ratio	Lower	Upper
96	100		
61	151.3	116.2	174.2
98	67.2	49.3	73.9

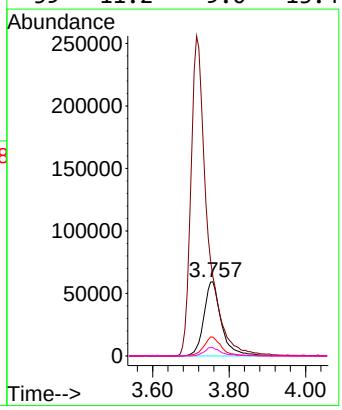


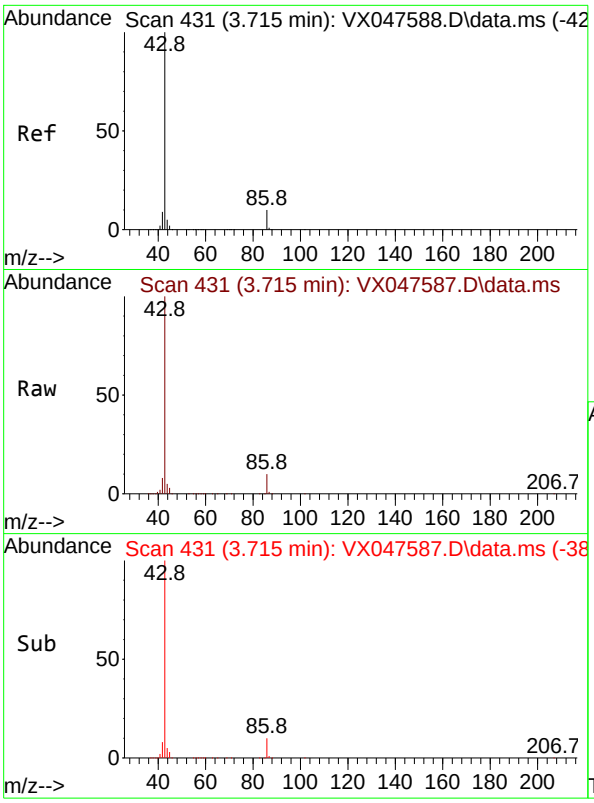


#22
Diisopropyl ether
Concen: 20.940 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 45 Resp: 188598

Ion	Ratio	Lower	Upper
45	100		
43	106.1	81.0	121.4
87	25.5	20.3	30.5
59	11.2	9.0	13.4



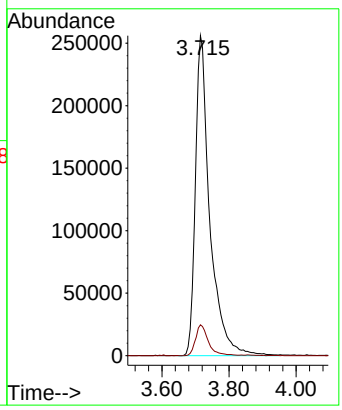


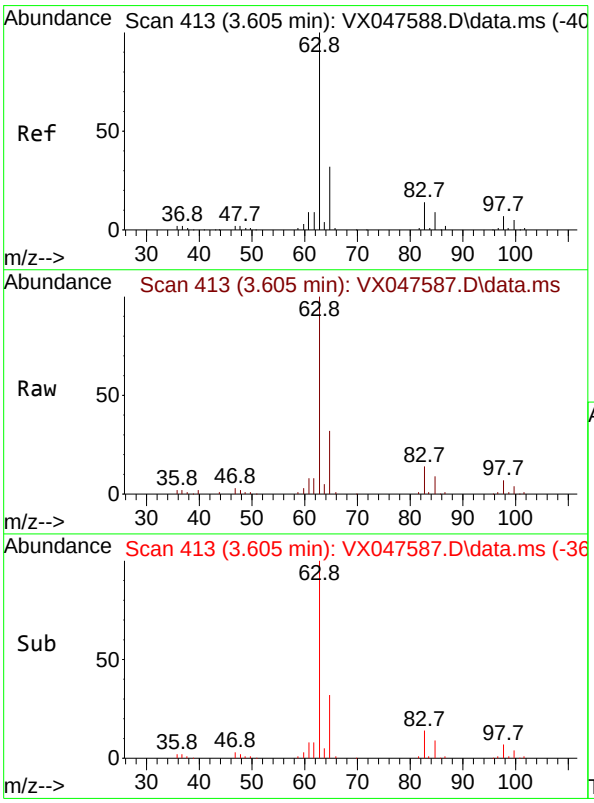
#23
Vinyl Acetate
Concen: 106.218 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 765675

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.8	11.8

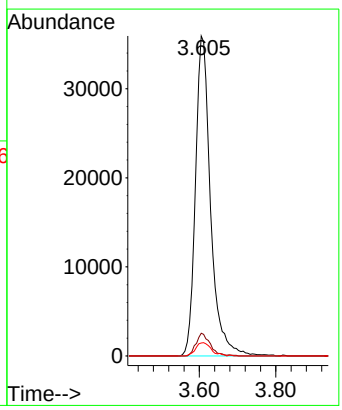


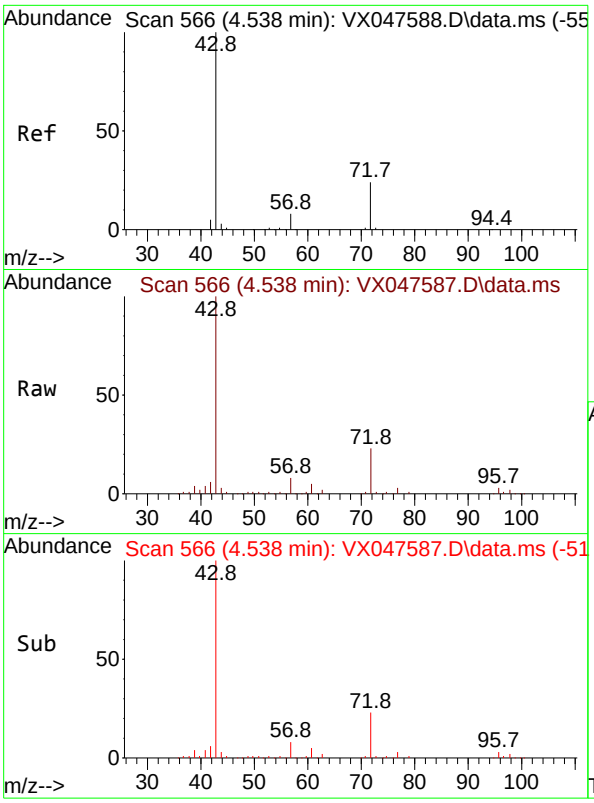


#24
1,1-Dichloroethane
Concen: 20.578 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 98509

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.2
100	4.1	2.3	6.9



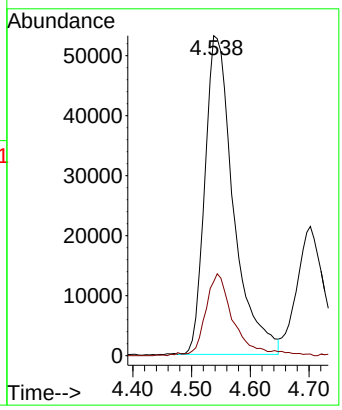


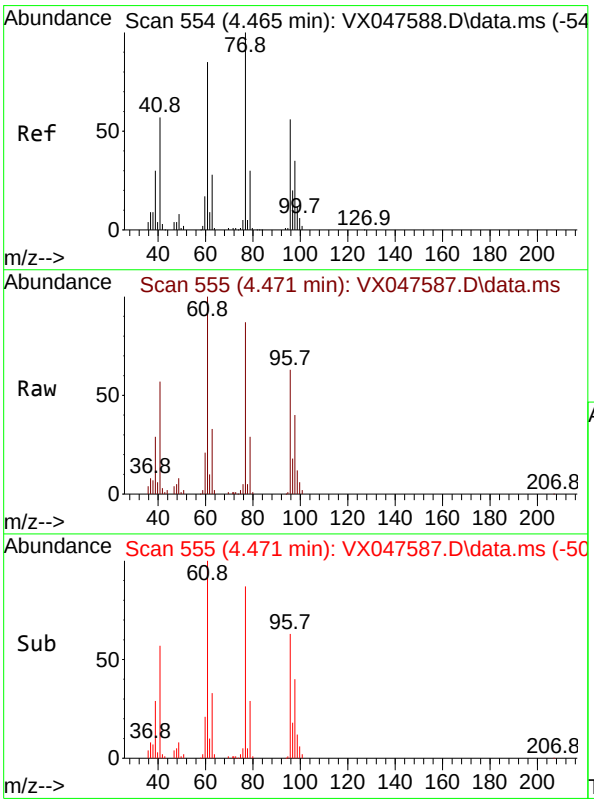
#25
2-Butanone
Concen: 109.679 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 179487

Ion	Ratio	Lower	Upper
43	100		
72	22.3	20.1	30.1

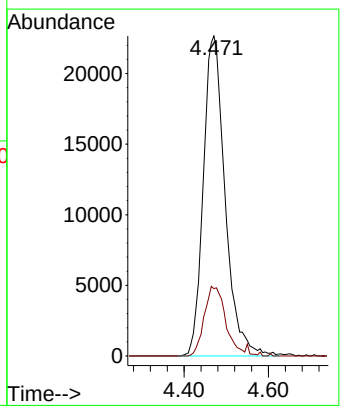


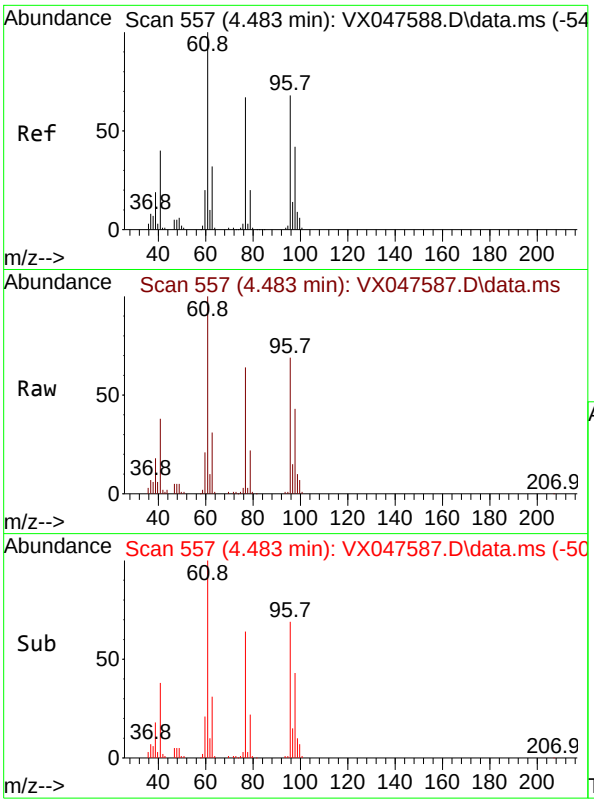


#26
2,2-Dichloropropane
Concen: 20.459 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 77 Resp: 81413

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.9	32.7



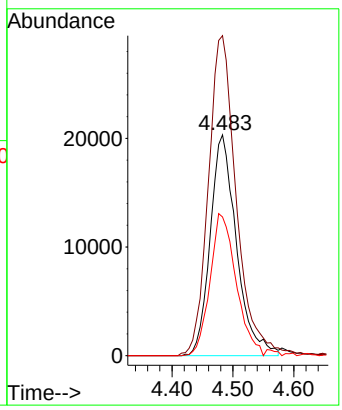


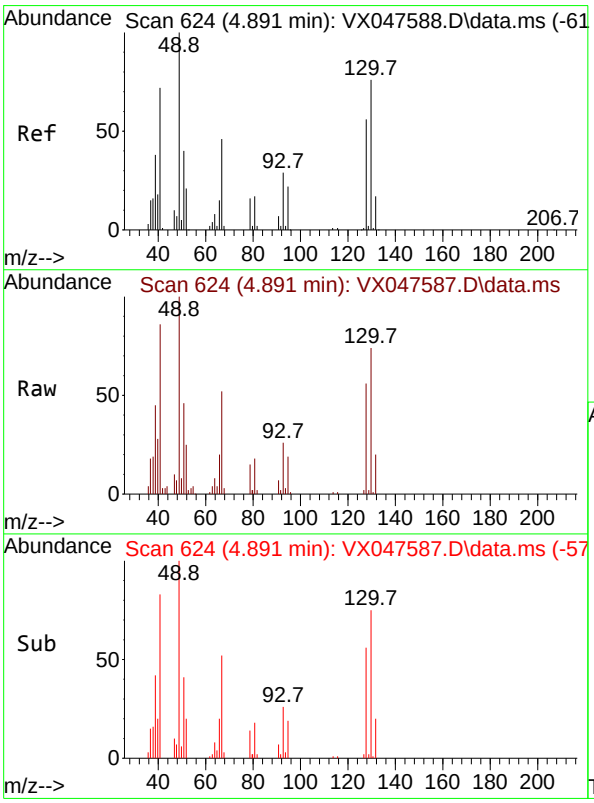
#27
cis-1,2-Dichloroethene
Concen: 20.497 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 60865

Ion	Ratio	Lower	Upper
96	100		
61	154.8	0.0	303.2
98	63.7	0.0	127.8

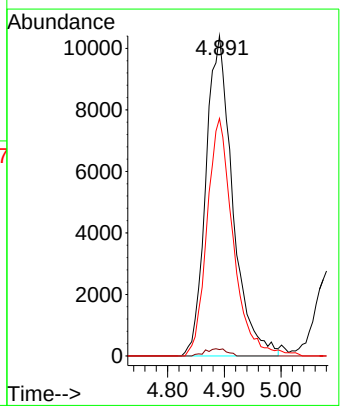


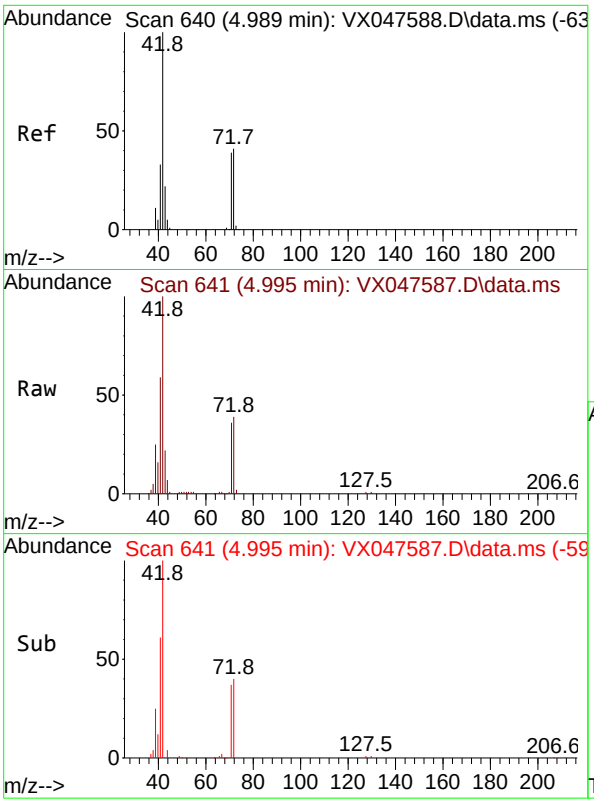


#28
Bromochloromethane
Concen: 16.309 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 49 Resp: 34085

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	72.7	57.8	86.8



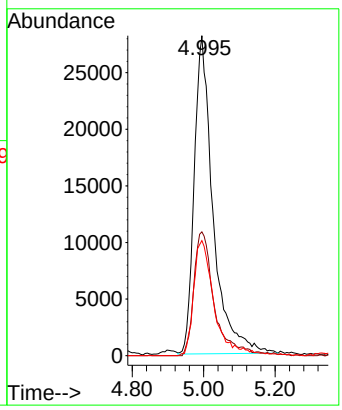


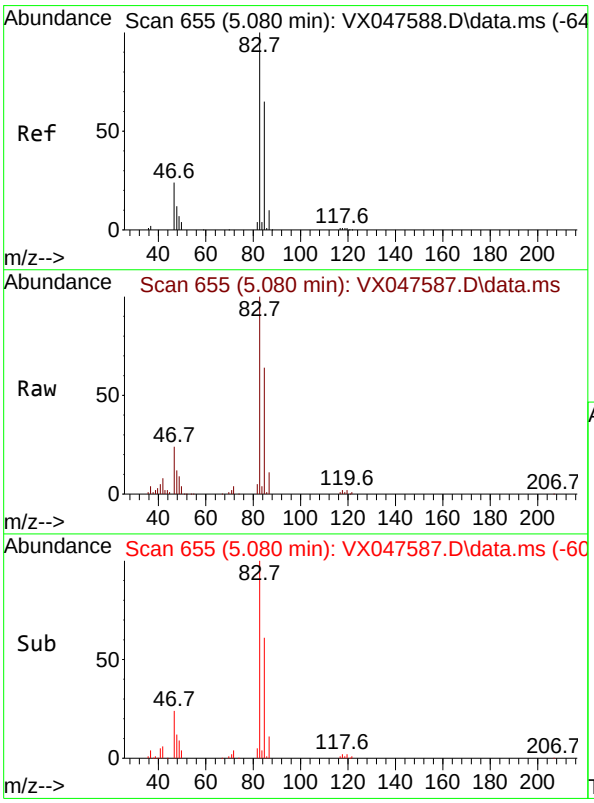
#29
Tetrahydrofuran
Concen: 104.560 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 102935

Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.2	51.2
71	37.8	31.9	47.9

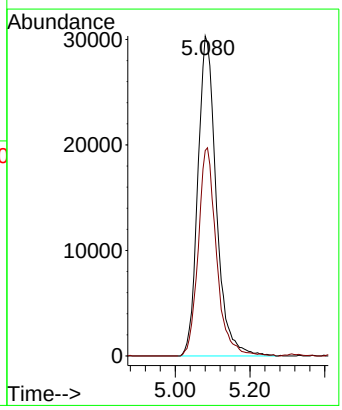


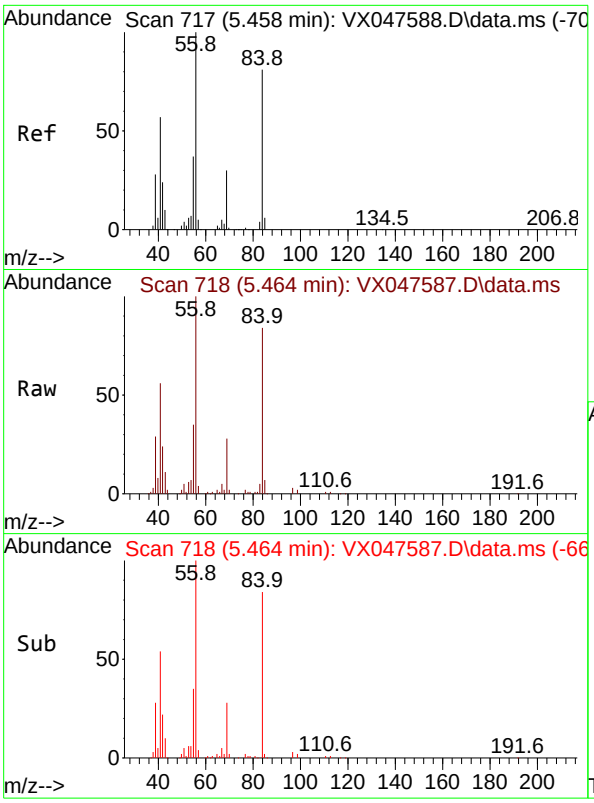


#30
Chloroform
Concen: 21.413 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 103586

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6



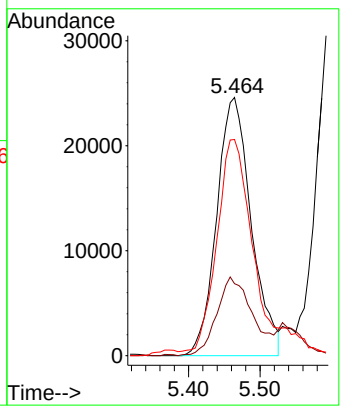


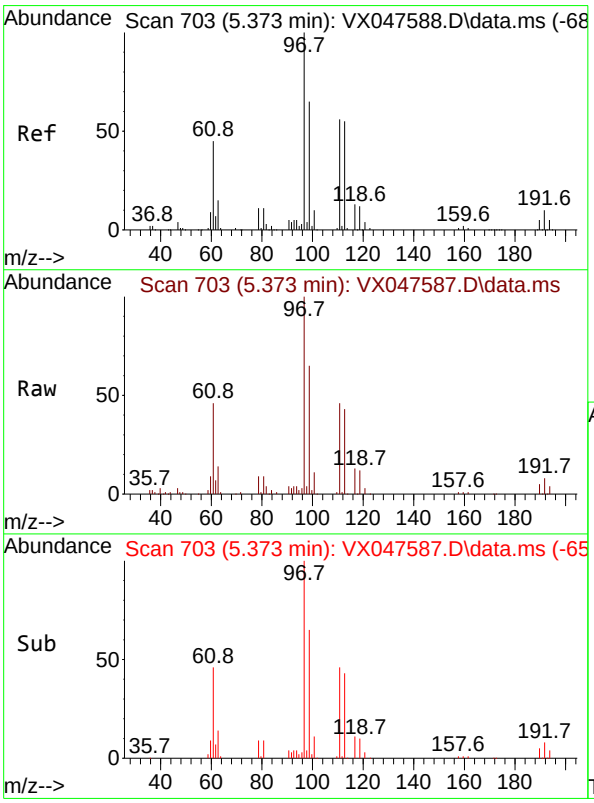
#31
Cyclohexane
Concen: 20.759 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 82770

Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.8	35.8
84	82.2	64.6	97.0

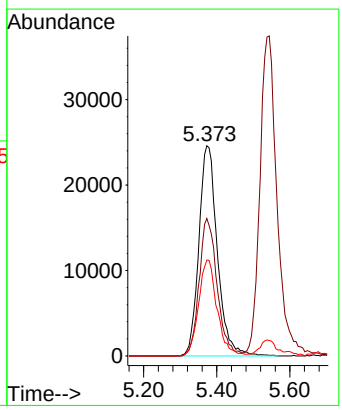


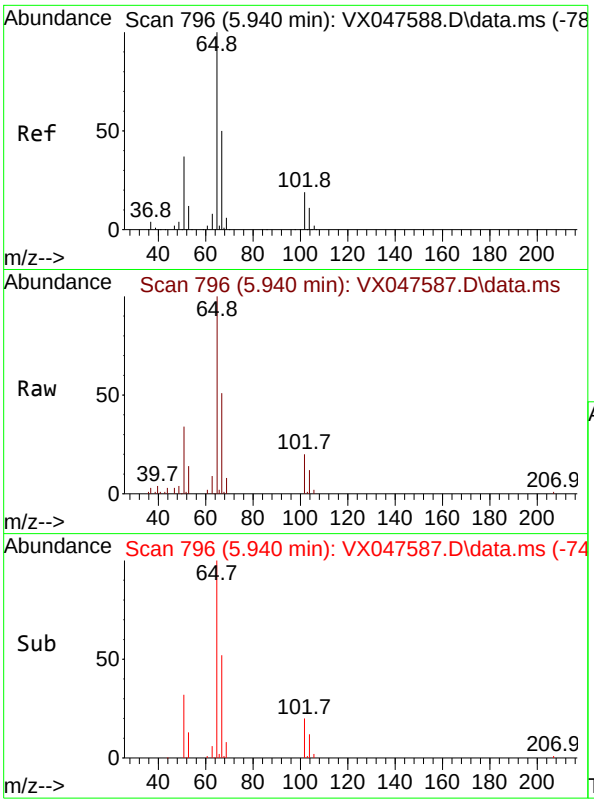


#32
1,1,1-Trichloroethane
Concen: 21.081 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 97 Resp: 86500

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	45.5	35.8	53.8



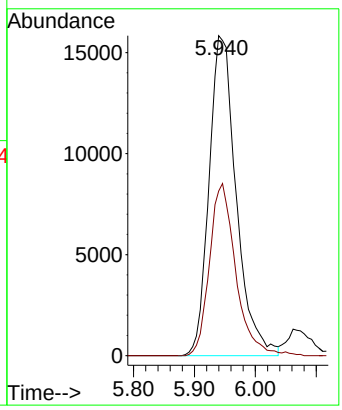


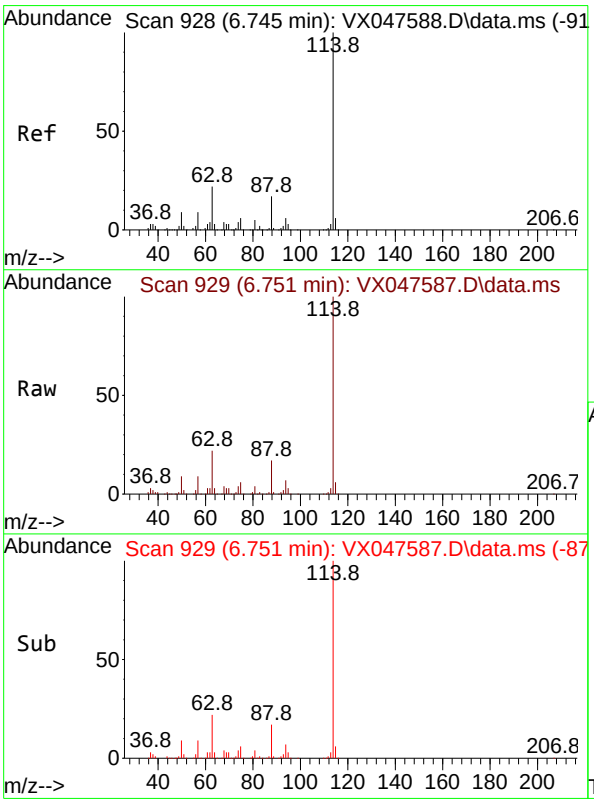
#33
1,2-Dichloroethane-d4
Concen: 16.264 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 49073

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0

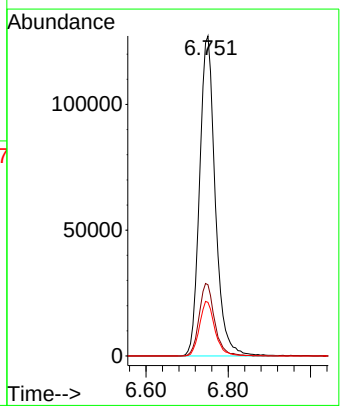


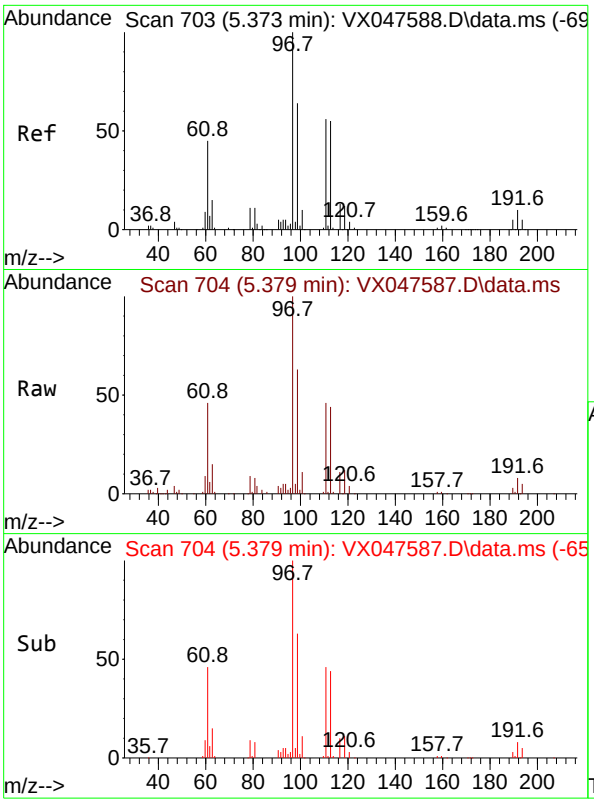


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:114 Resp: 336287

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2



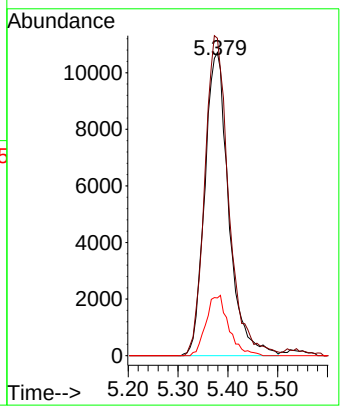


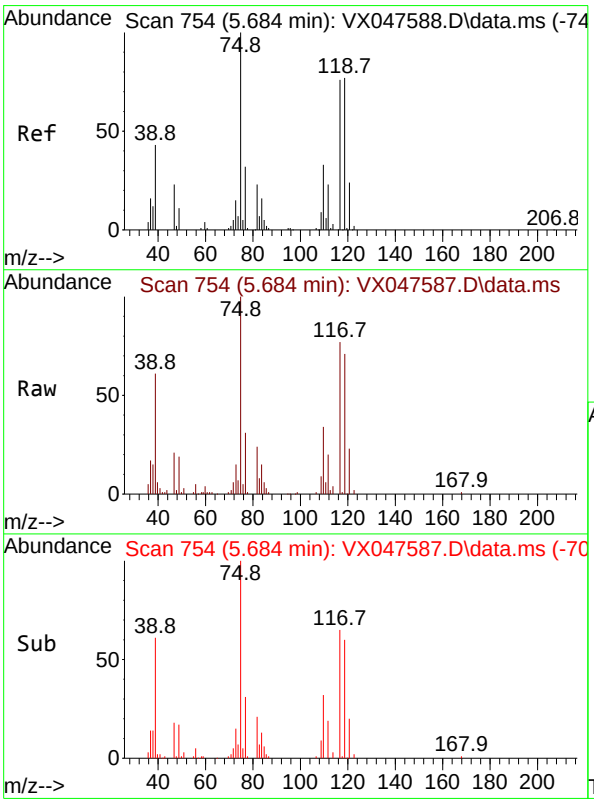
#35
Dibromofluoromethane
Concen: 15.868 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 35788

Ion	Ratio	Lower	Upper
113	100		
111	105.7	80.9	121.3
192	18.8	14.2	21.4

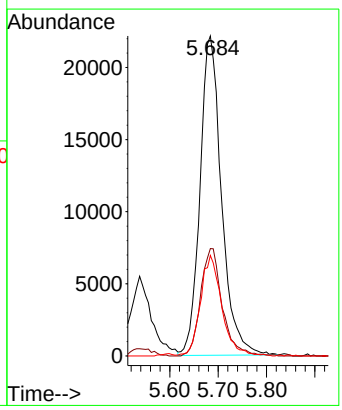


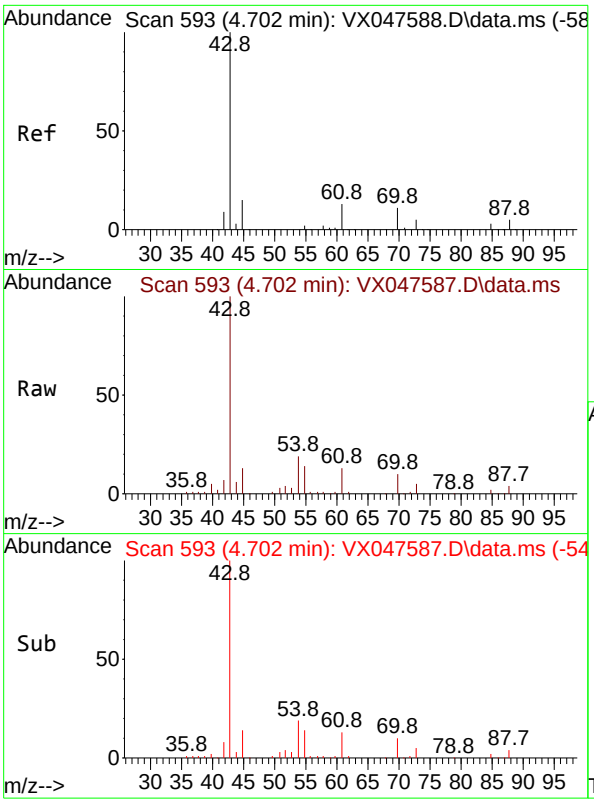


#36
1,1-Dichloropropene
Concen: 20.754 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 68395

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	31.2	24.3	36.5



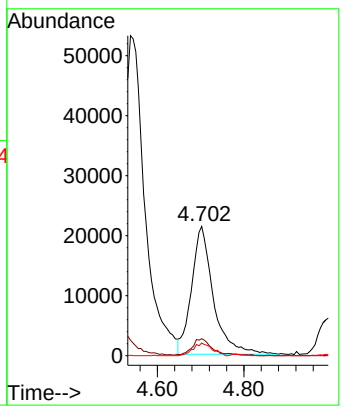


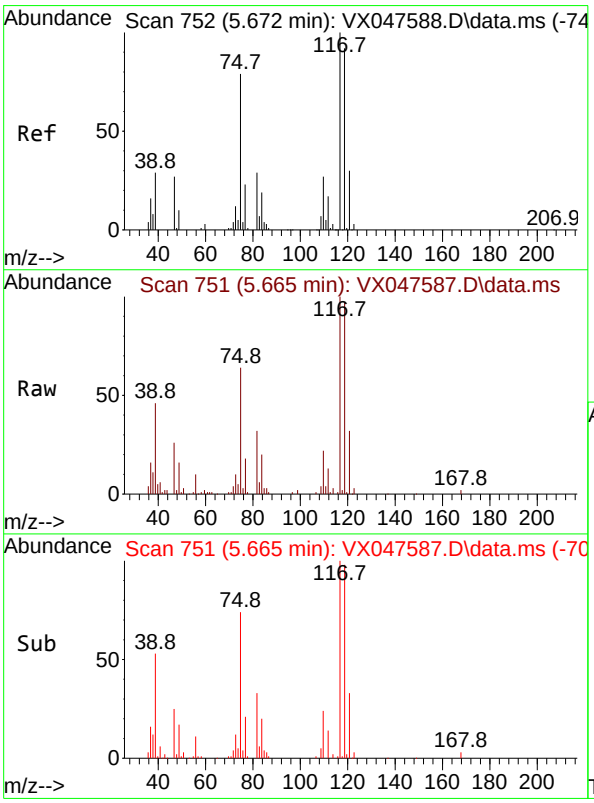
#37
Ethyl Acetate
Concen: 21.113 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 74499

Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.8	14.8
70	8.5	7.9	11.9

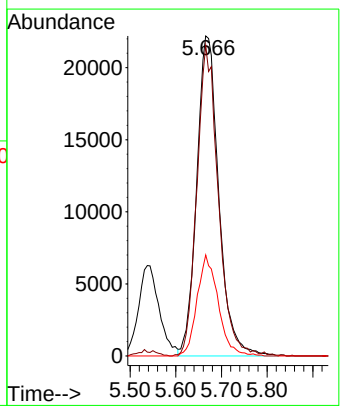


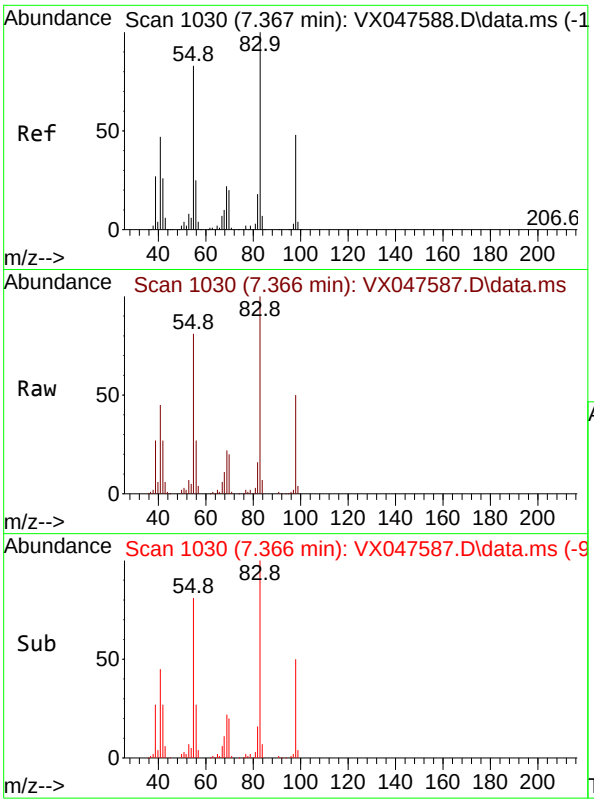


#38
Carbon Tetrachloride
Concen: 20.844 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 74636

Ion	Ratio	Lower	Upper
117	100		
119	96.9	73.4	110.2
121	31.6	23.8	35.6



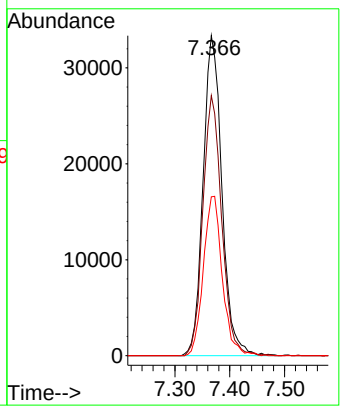


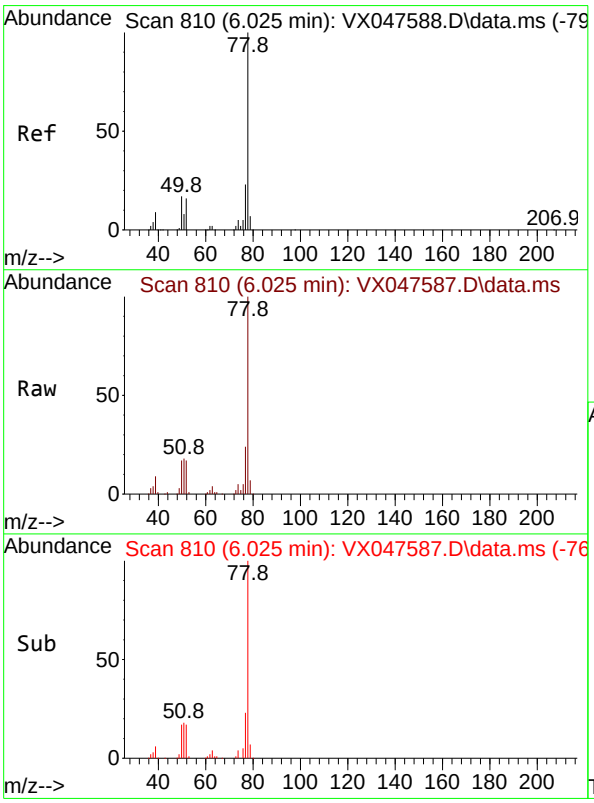
#39
Methylcyclohexane
Concen: 21.251 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 79499

Ion	Ratio	Lower	Upper
83	100		
55	81.2	66.4	99.6
98	49.6	38.1	57.1

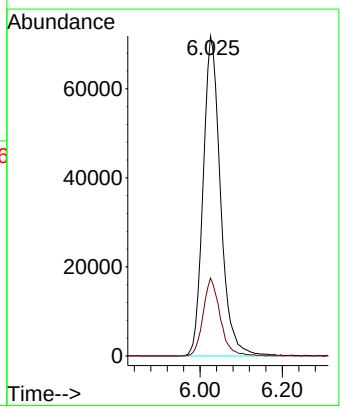


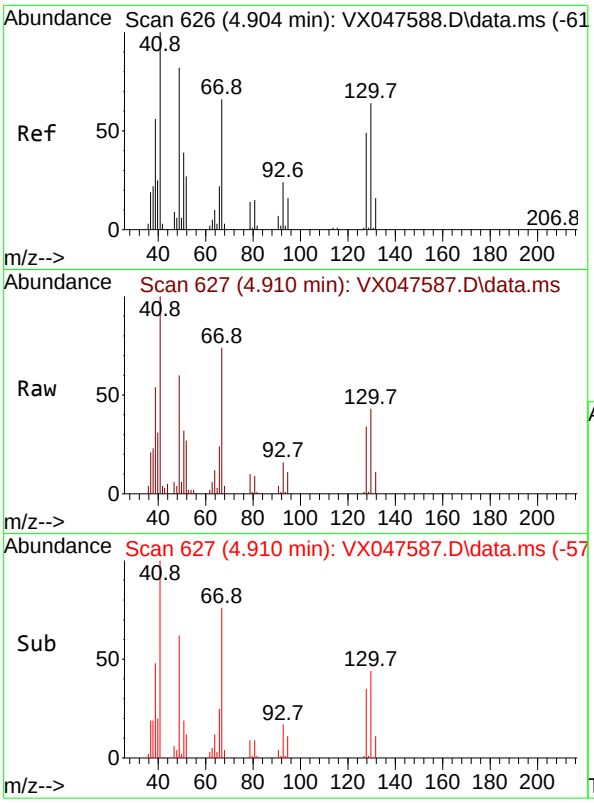


#40
Benzene
Concen: 21.051 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 78 Resp: 210711

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2



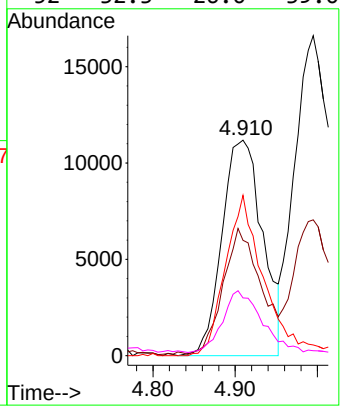


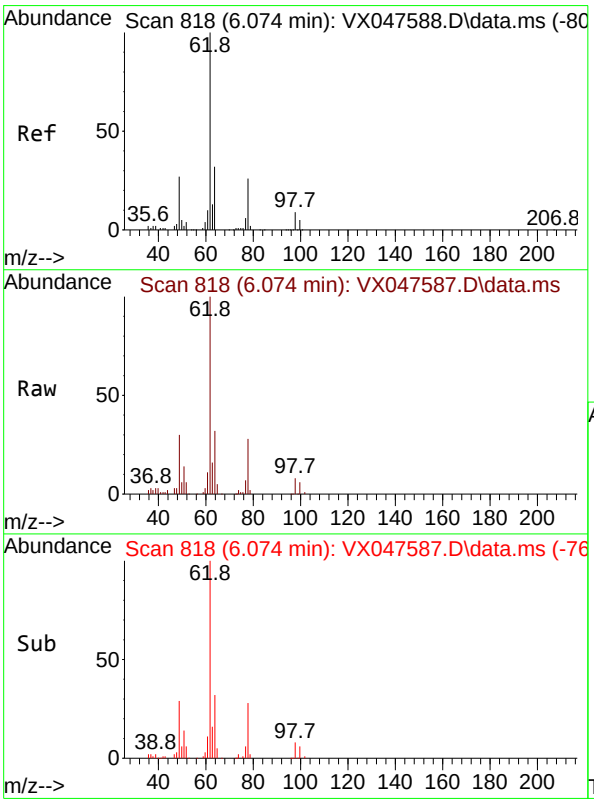
#41
Methacrylonitrile
Concen: 21.148 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 38525

Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.3	64.9
67	72.5	58.6	87.8
52	32.3	26.0	39.0

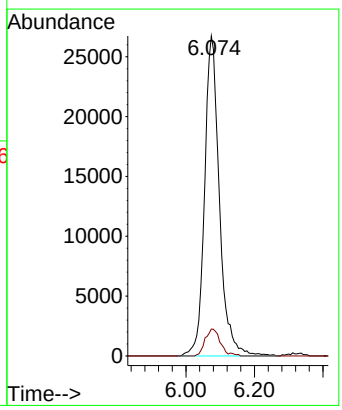


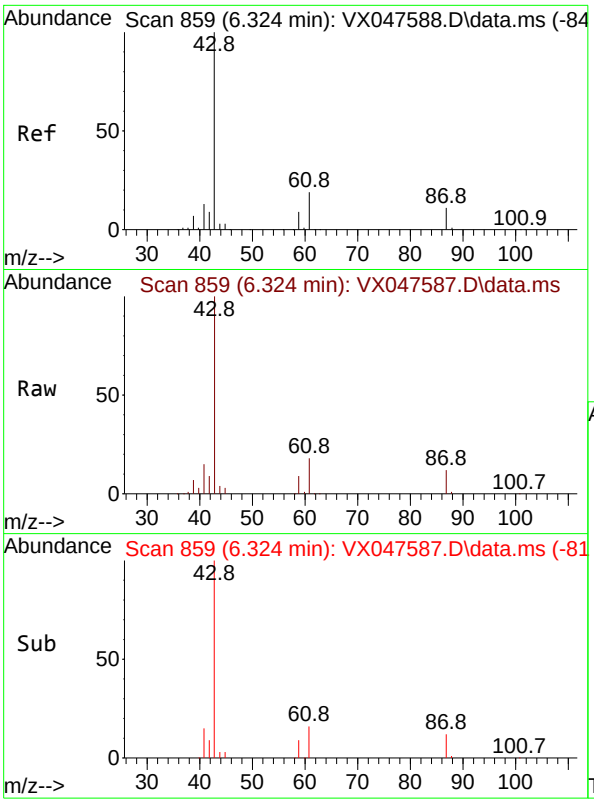


#42
1,2-Dichloroethane
Concen: 21.175 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 80646

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



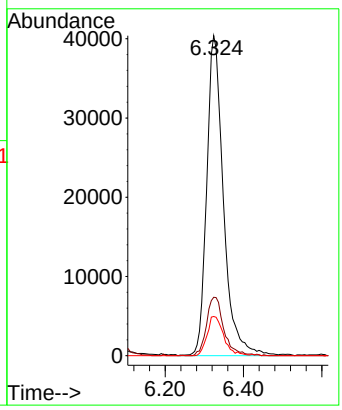


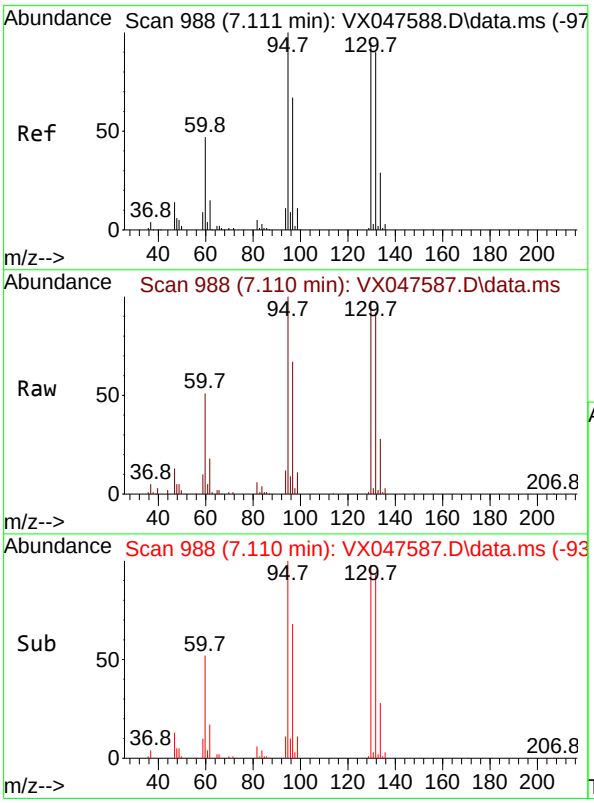
#43
Isopropyl Acetate
Concen: 20.670 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 119623

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.1	9.6	14.4

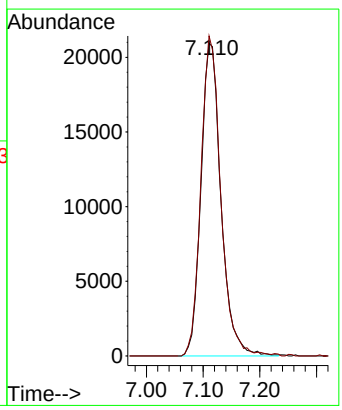


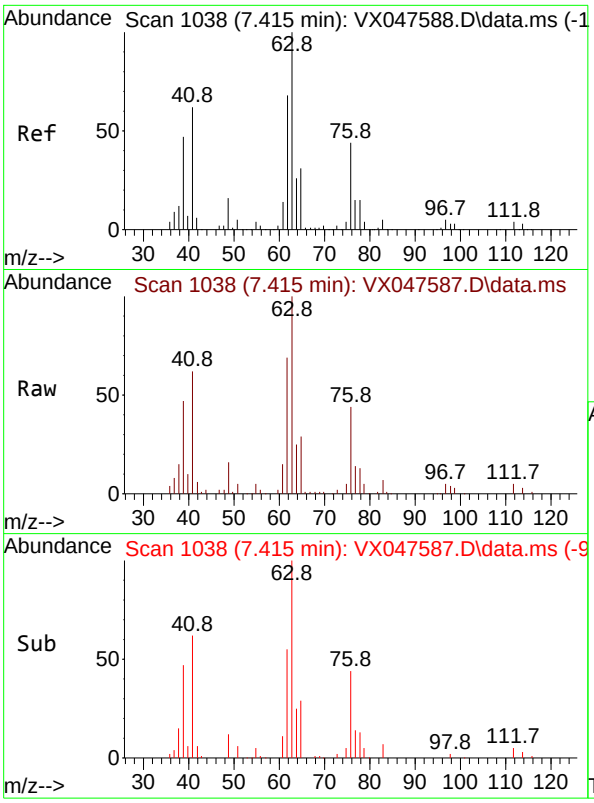


#44
Trichloroethene
Concen: 21.228 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:130 Resp: 51369

Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	210.8



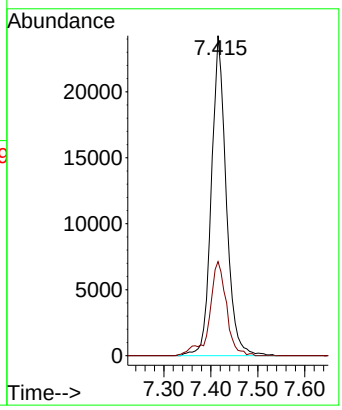


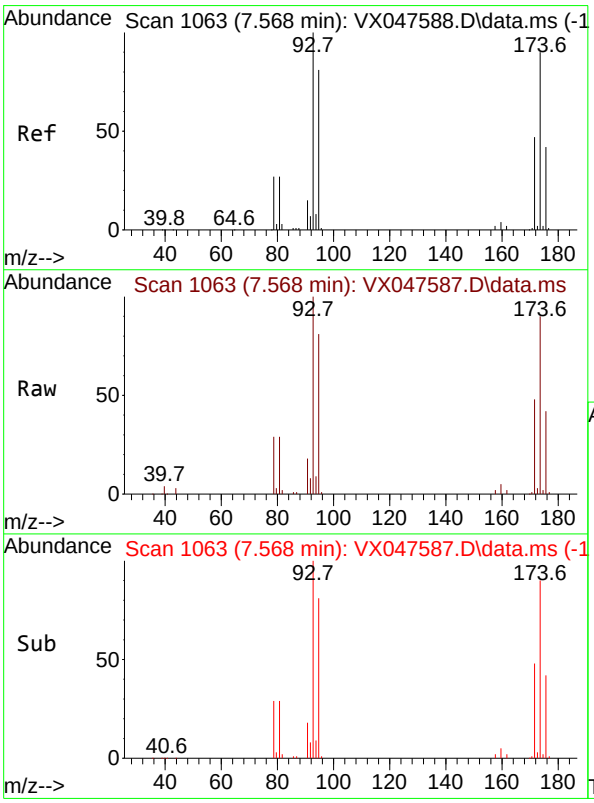
#45
1,2-Dichloropropane
Concen: 20.697 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 53046

Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.7	37.1

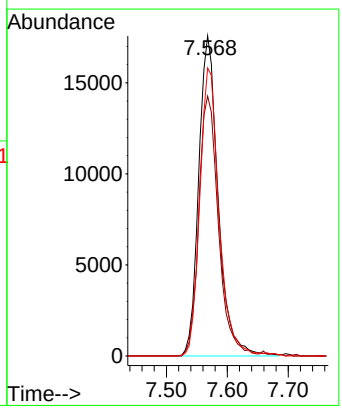


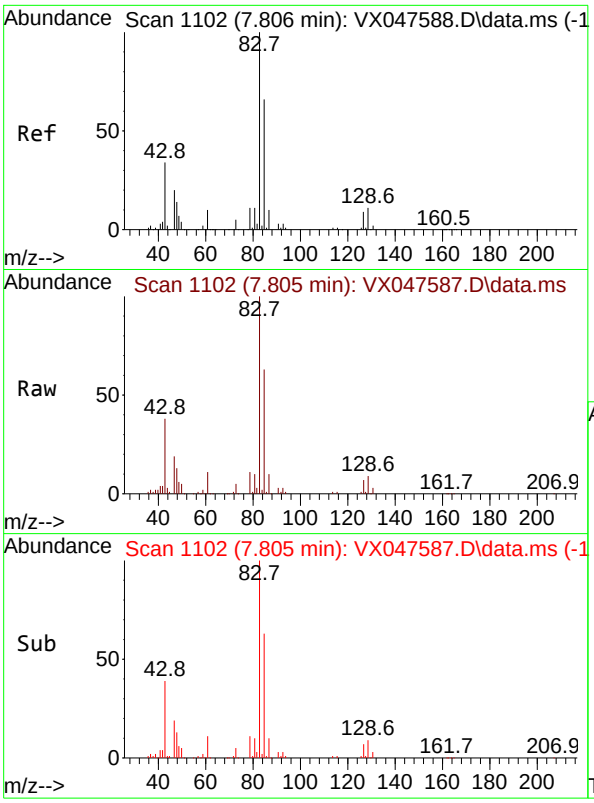


#46
Dibromomethane
Concen: 20.862 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 93 Resp: 38910

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.0	97.6
174	89.2	71.6	107.4



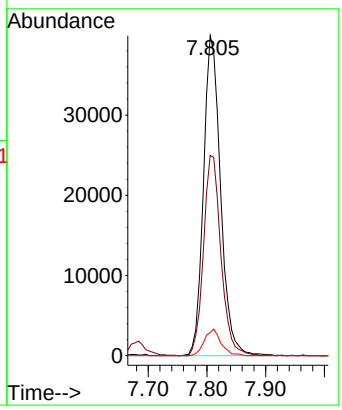


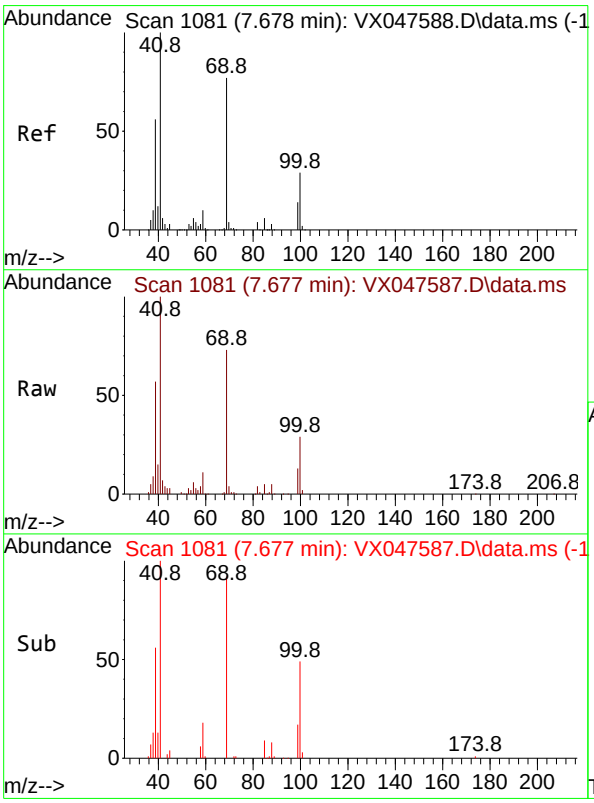
#47
Bromodichloromethane
Concen: 21.002 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 80831

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.2	6.9	10.3

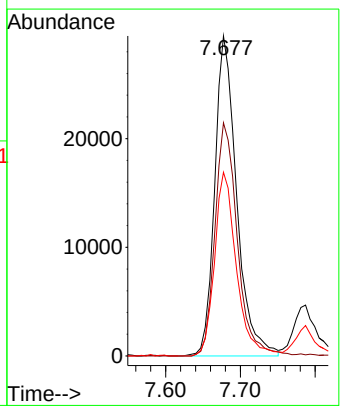


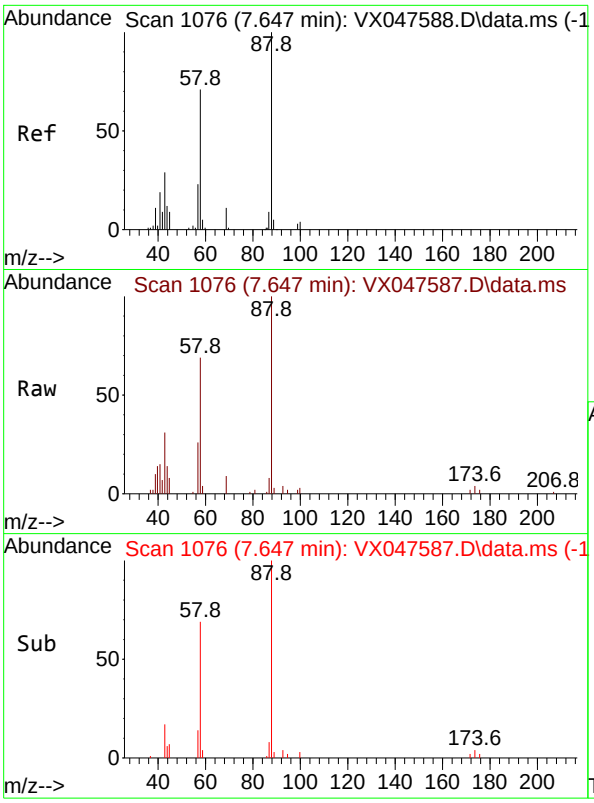


#48
Methyl methacrylate
Concen: 20.877 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 60182

Ion	Ratio	Lower	Upper
41	100		
69	74.2	61.4	92.2
39	57.2	45.8	68.6



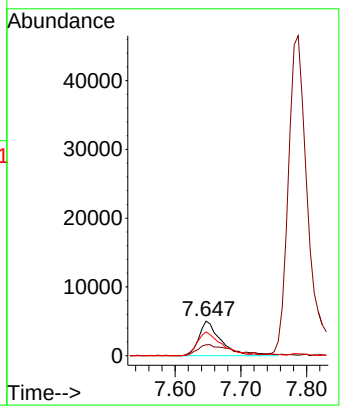


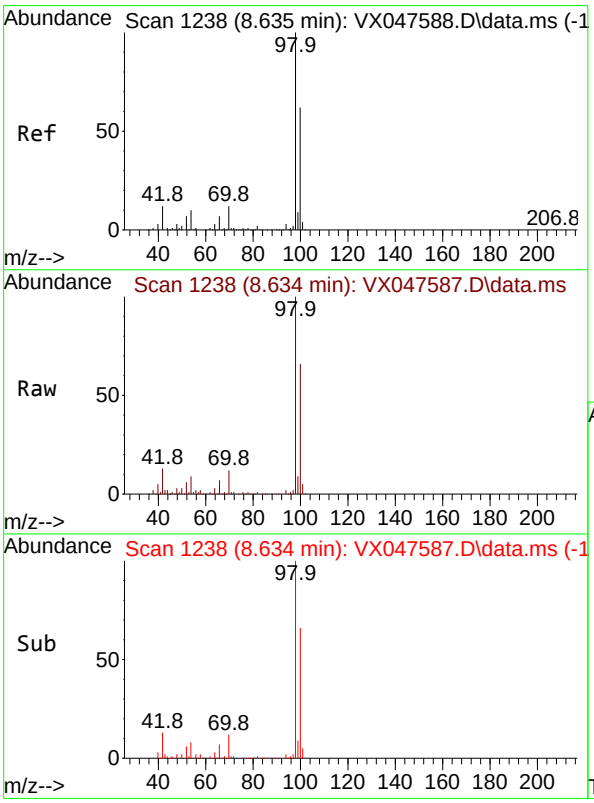
#49
1,4-Dioxane
Concen: 413.530 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 12047

Ion	Ratio	Lower	Upper
88	100		
43	44.7	30.2	45.2
58	75.8	59.5	89.3

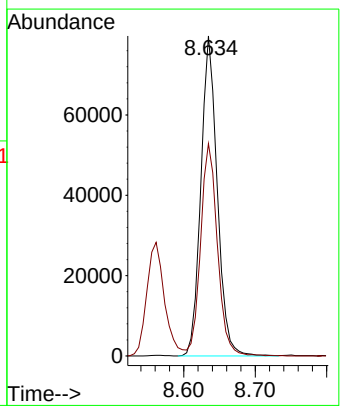


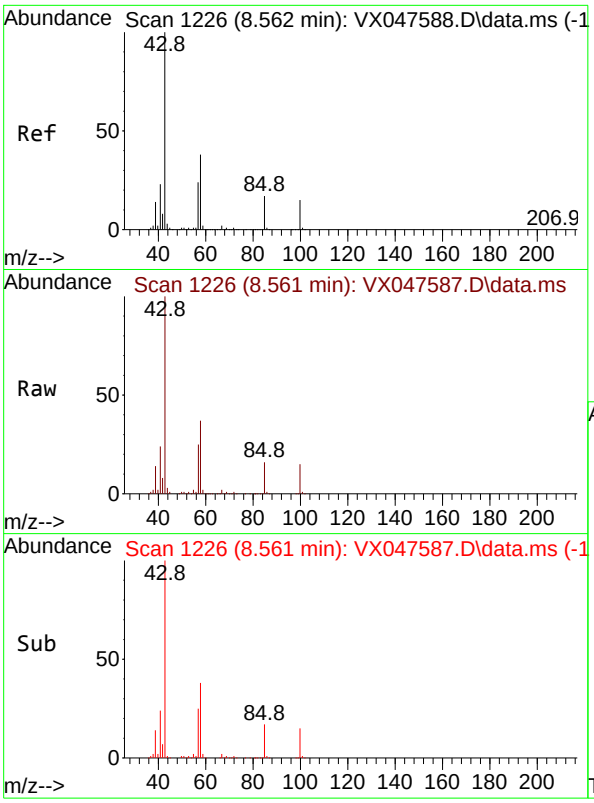


#50
Toluene-d8
Concen: 16.258 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 98 Resp: 126875

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.4



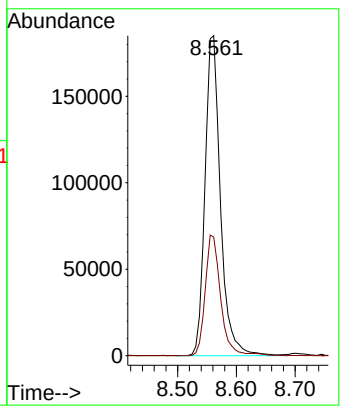


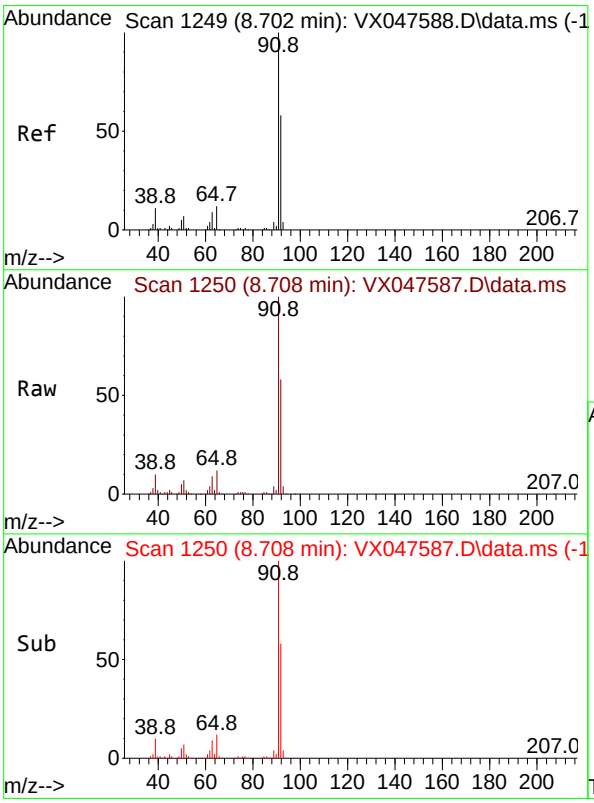
#51
4-Methyl-2-Pentanone
Concen: 105.456 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 338370

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5

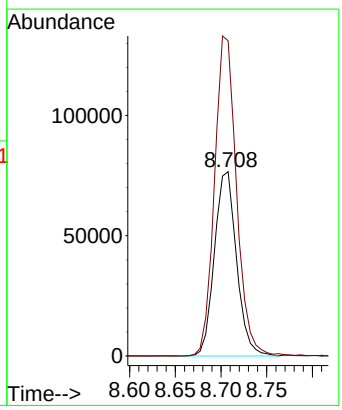


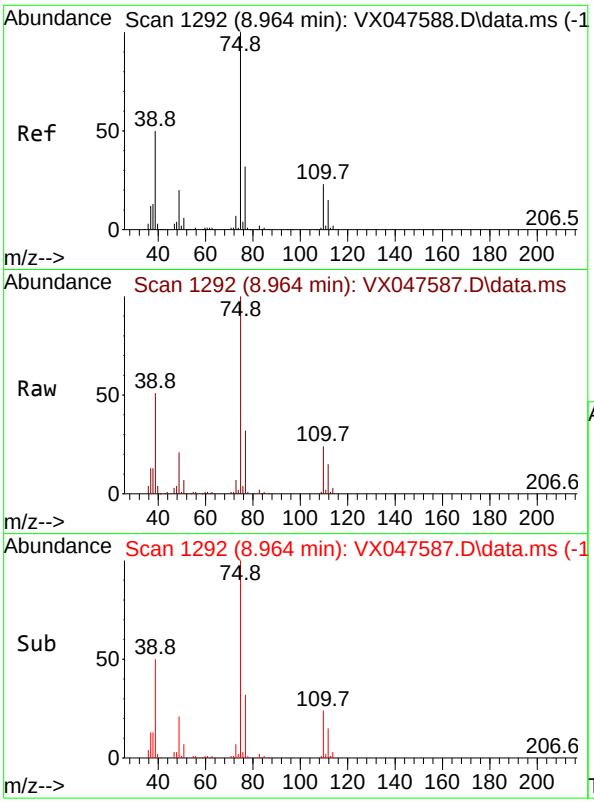


#52
Toluene
Concen: 20.950 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 92 Resp: 129193

Ion	Ratio	Lower	Upper
92	100		
91	173.2	137.1	205.7



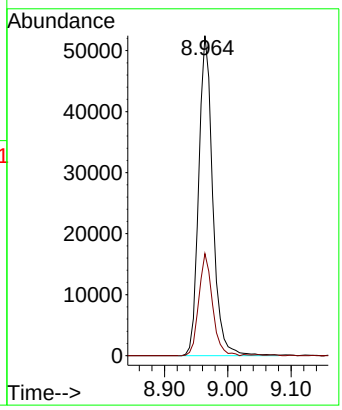


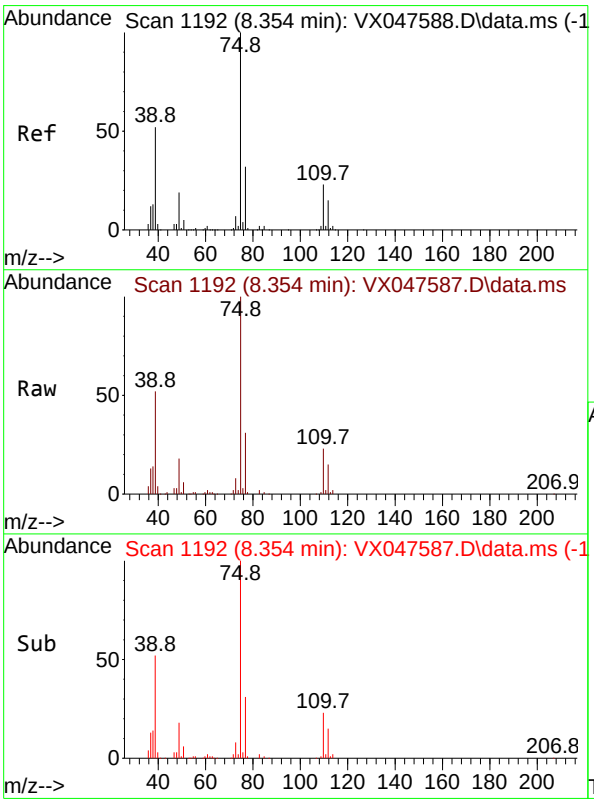
#53
t-1,3-Dichloropropene
Concen: 20.625 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 80972

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2

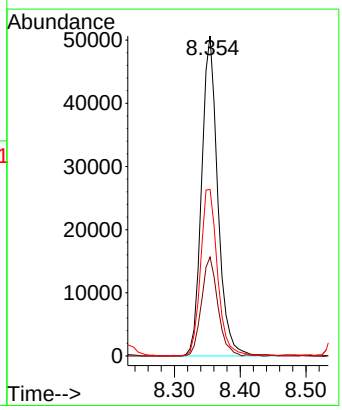


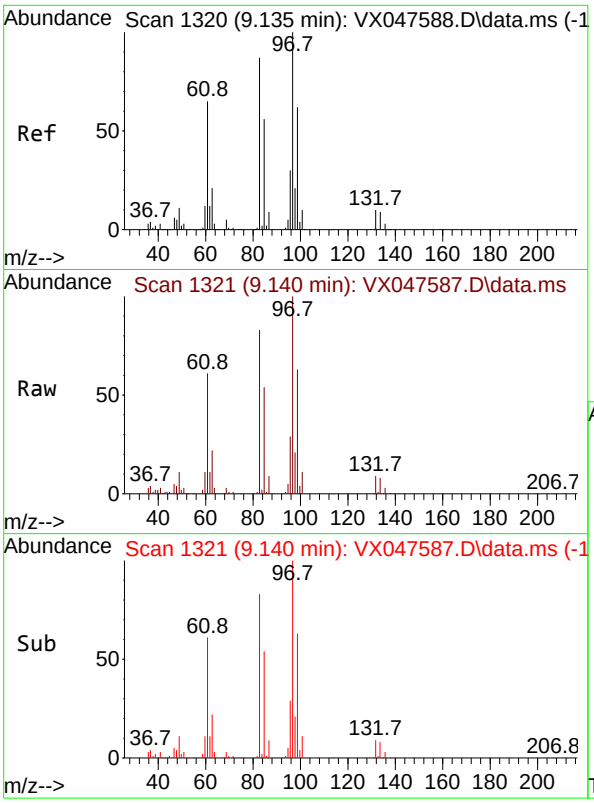


#54
cis-1,3-Dichloropropene
Concen: 20.650 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 86648

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.6
39	52.0	41.4	62.2



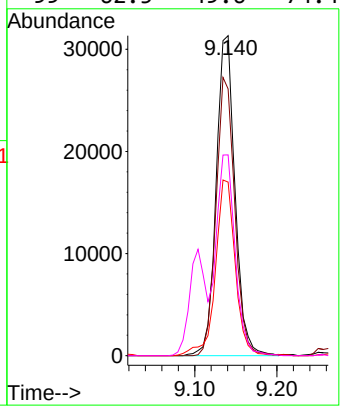


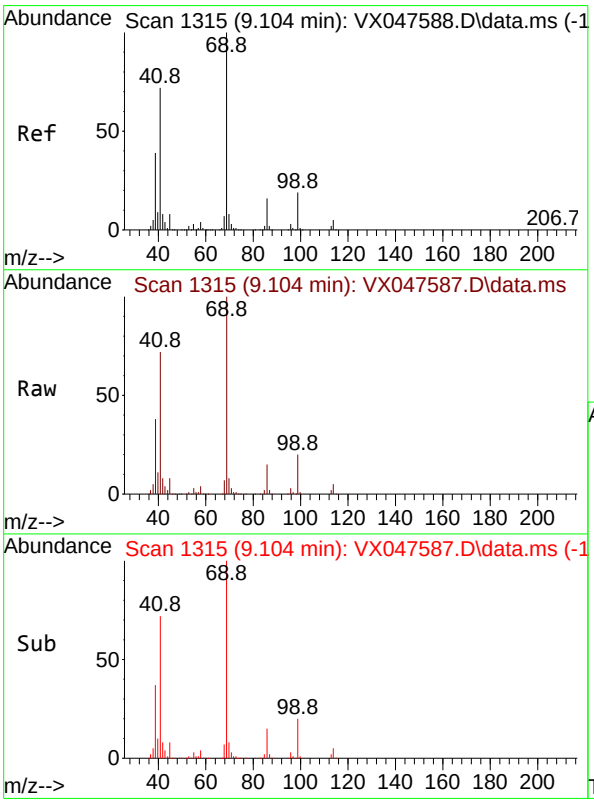
#55
1,1,2-Trichloroethane
Concen: 20.967 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 49857

Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.6	104.4
85	55.2	45.0	67.6
99	62.5	49.6	74.4

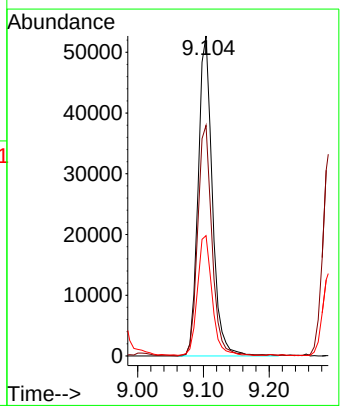


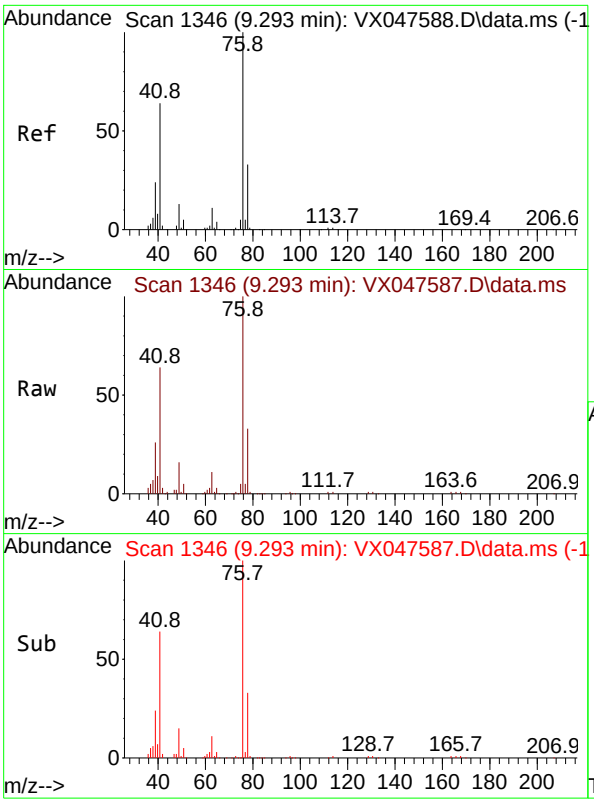


#56
Ethyl methacrylate
Concen: 21.158 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 69 Resp: 79011

Ion	Ratio	Lower	Upper
69	100		
41	72.6	58.6	87.8
39	38.6	31.5	47.3



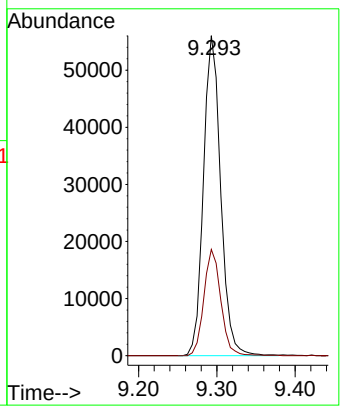


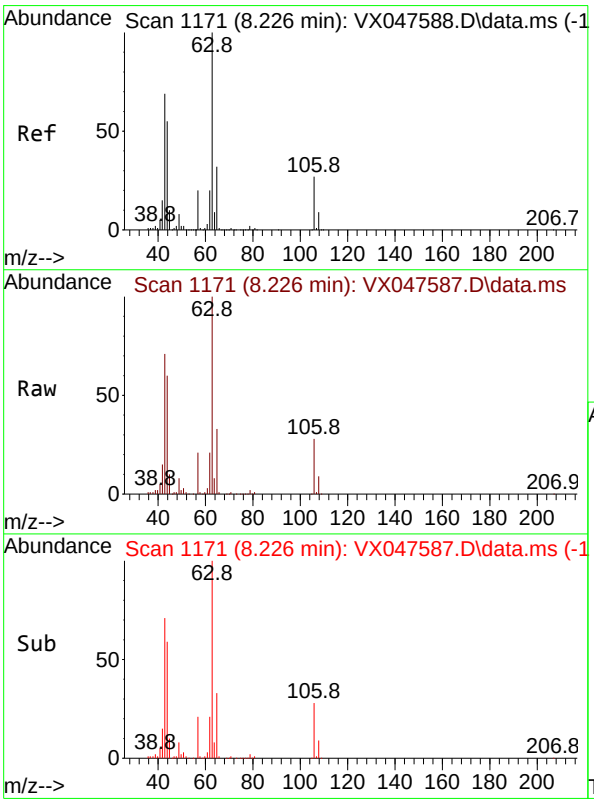
#57
1,3-Dichloropropane
Concen: 20.934 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 85511

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4

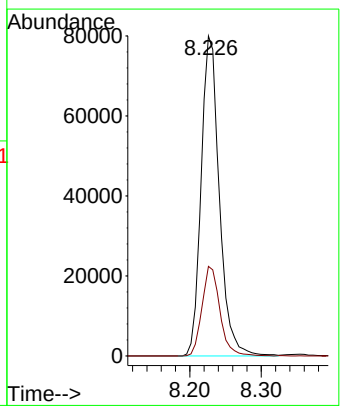


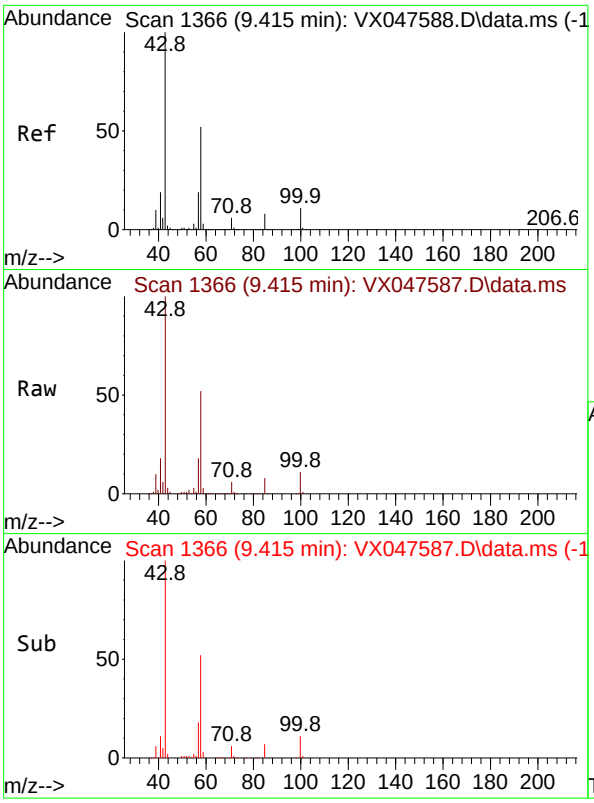


#58
2-Chloroethyl Vinyl ether
Concen: 86.617 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 141395

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9



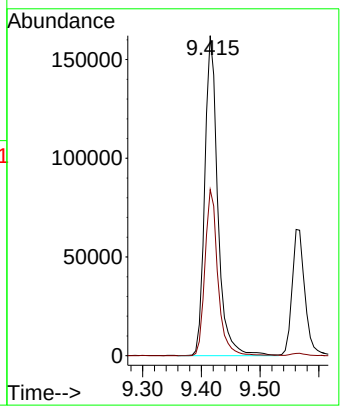


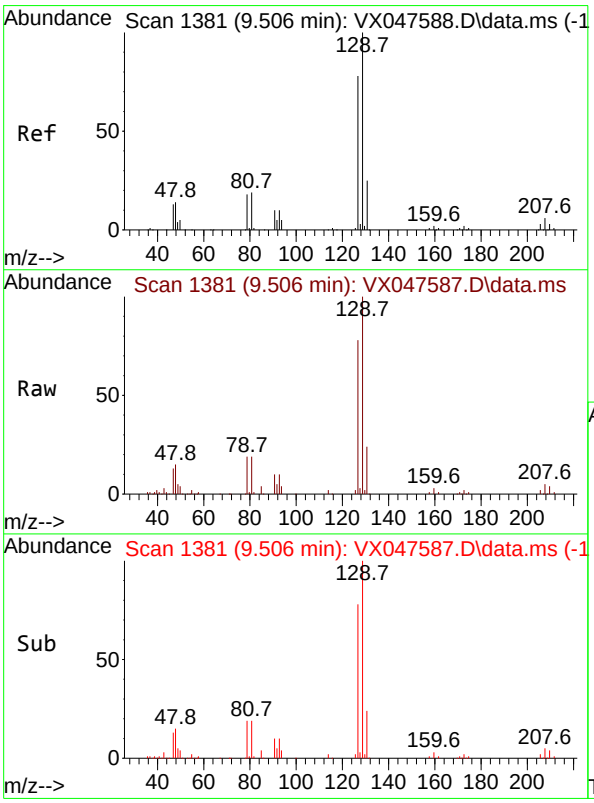
#59
2-Hexanone
Concen: 108.488 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 250007

Ion	Ratio	Lower	Upper
43	100		
58	51.4	26.1	78.2

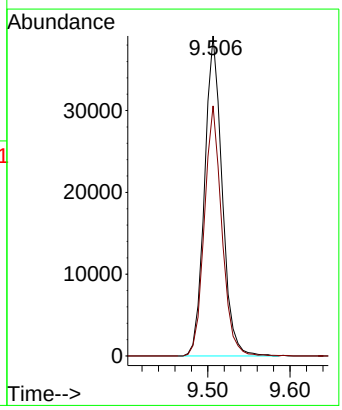


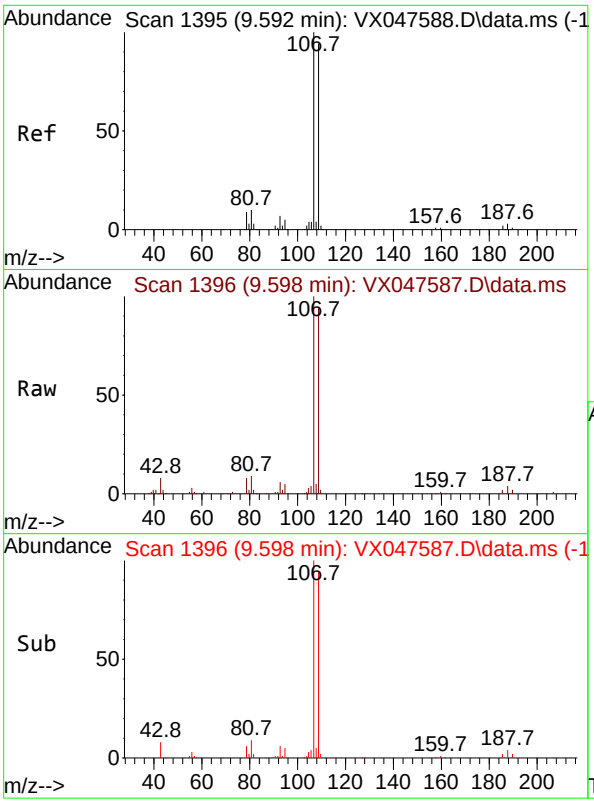


#60
Dibromochloromethane
Concen: 21.167 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:129 Resp: 57994

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2



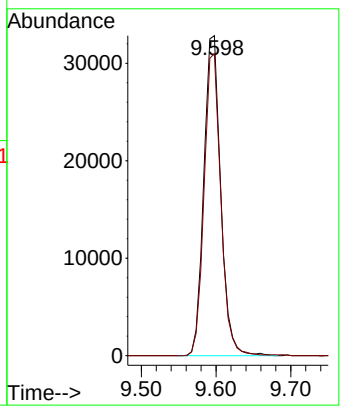


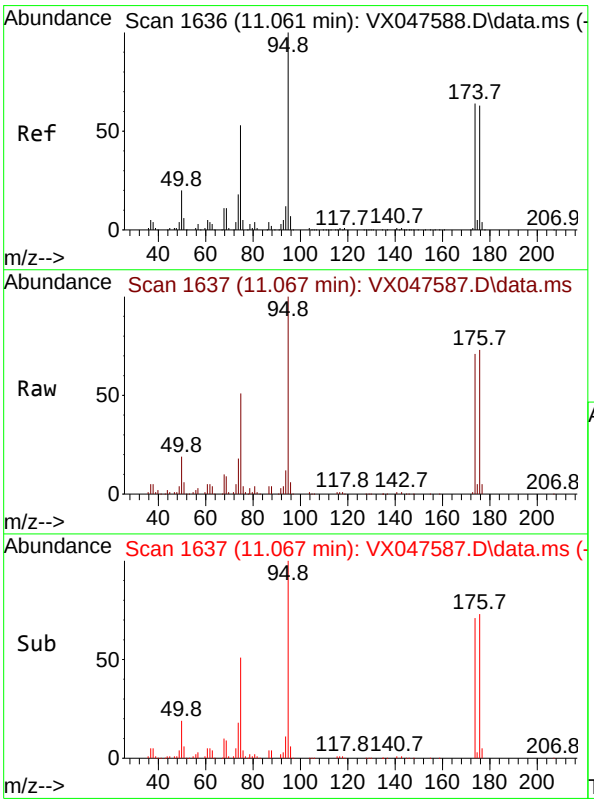
#61
1,2-Dibromoethane
Concen: 21.310 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 51614

Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.3	112.9

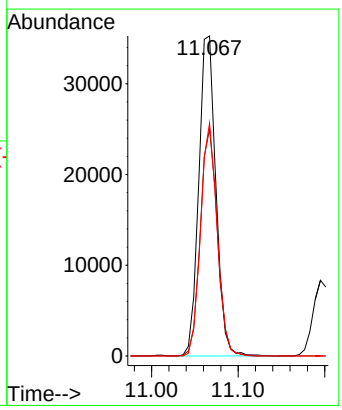


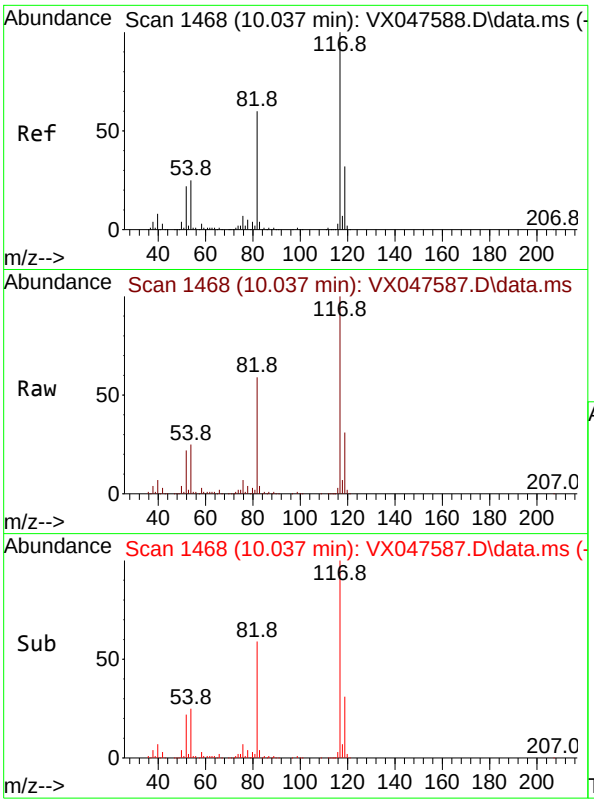


#62
4-Bromofluorobenzene
Concen: 16.360 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 95 Resp: 48454

Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	141.6
176	70.3	0.0	138.4



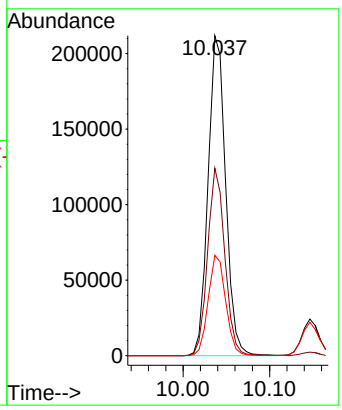


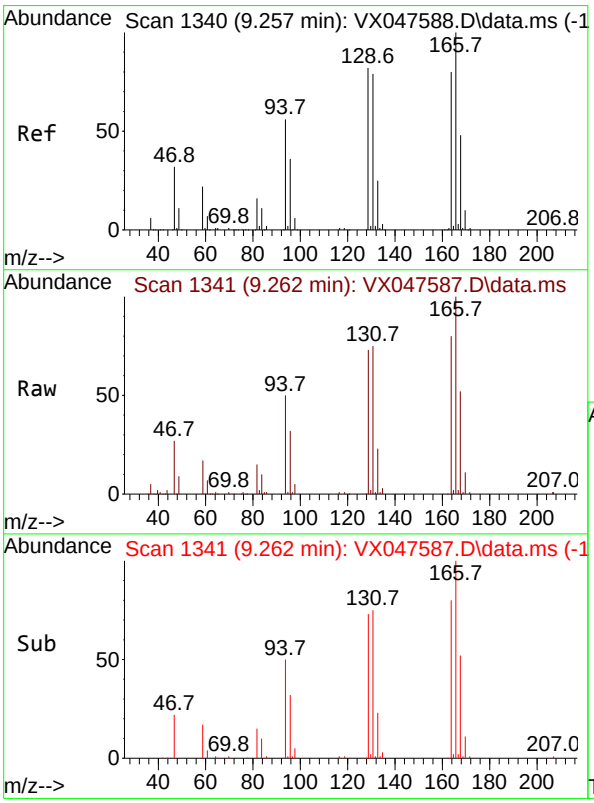
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 298629

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.8	71.6
119	31.3	25.2	37.8

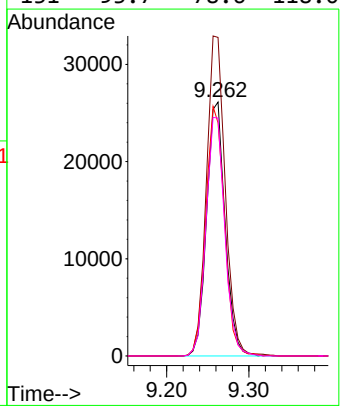


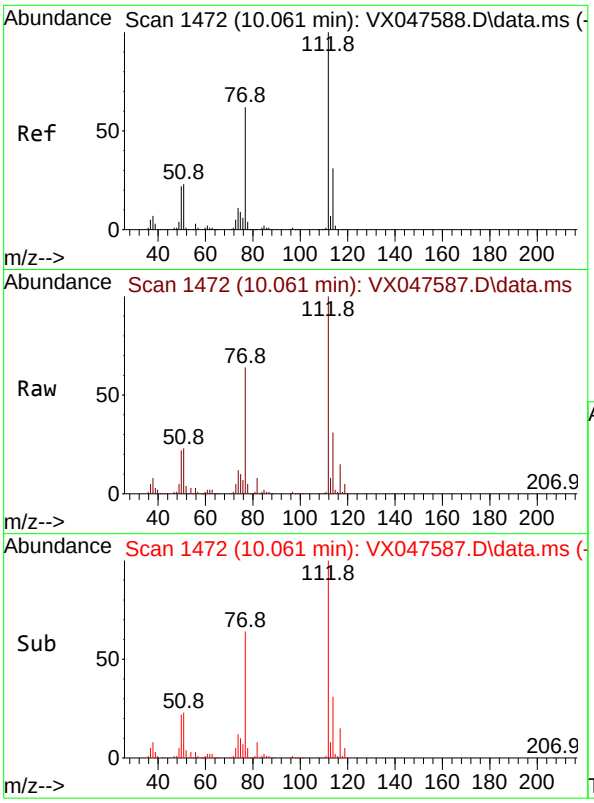


#64
Tetrachloroethene
Concen: 20.979 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:164 Resp: 40840

Ion	Ratio	Lower	Upper
164	100		
166	125.4	100.2	150.2
129	91.8	81.8	122.6
131	93.7	78.6	118.0



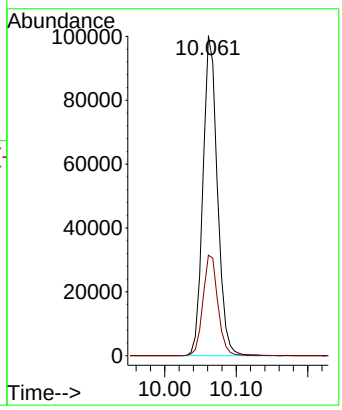


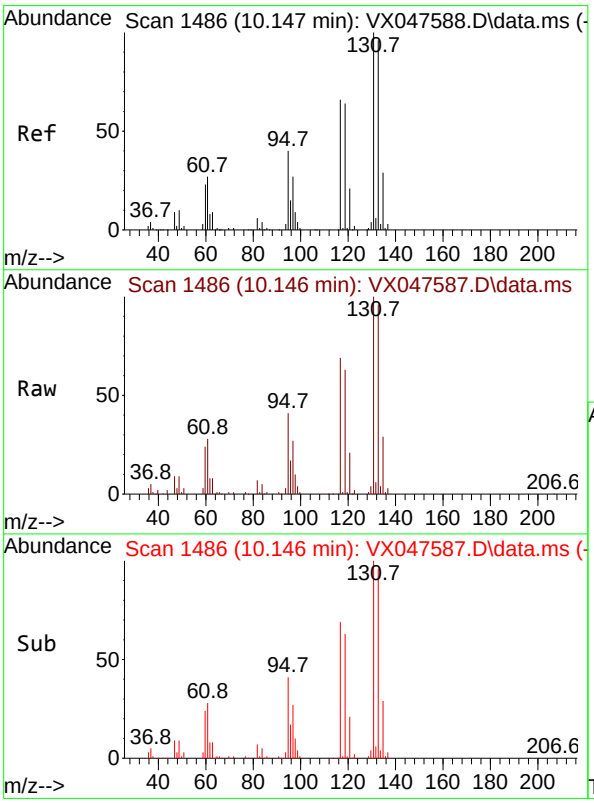
#65
Chlorobenzene
Concen: 20.731 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 140642

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

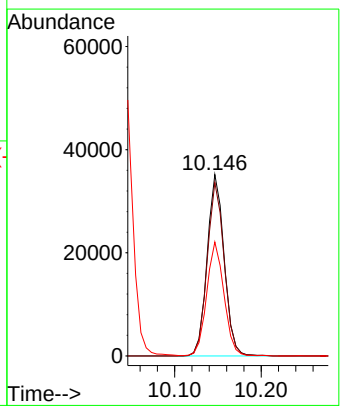


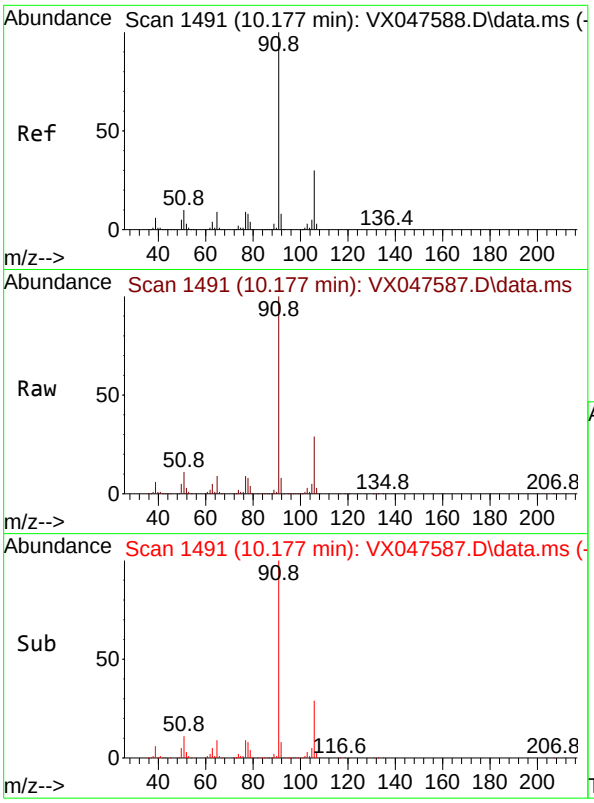


#66
1,1,1,2-Tetrachloroethane
Concen: 20.513 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:131 Resp: 48022

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	142.0
119	63.9	32.0	96.0



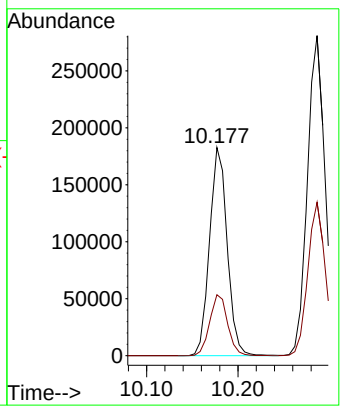


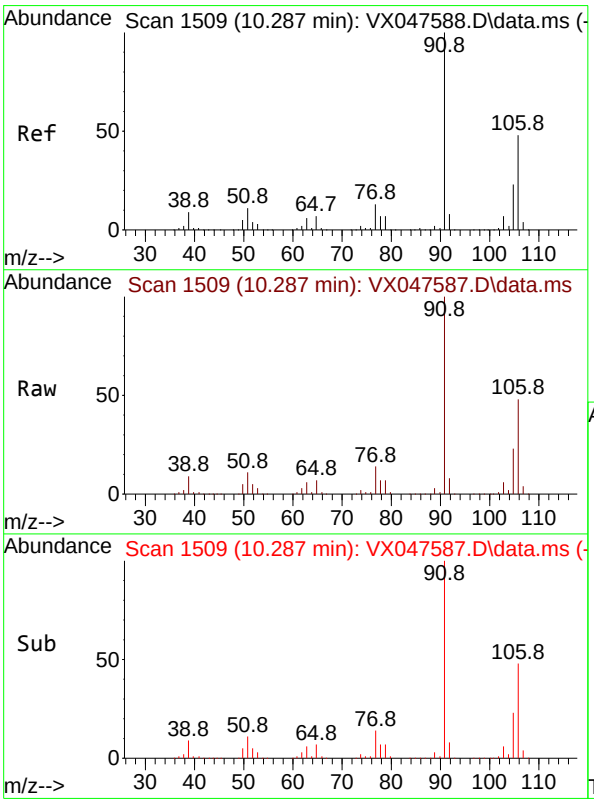
#67
Ethyl Benzene
Concen: 20.907 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 244737

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.3	36.5

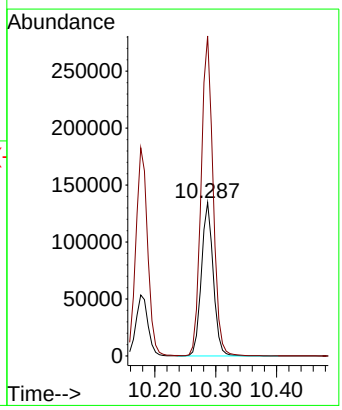


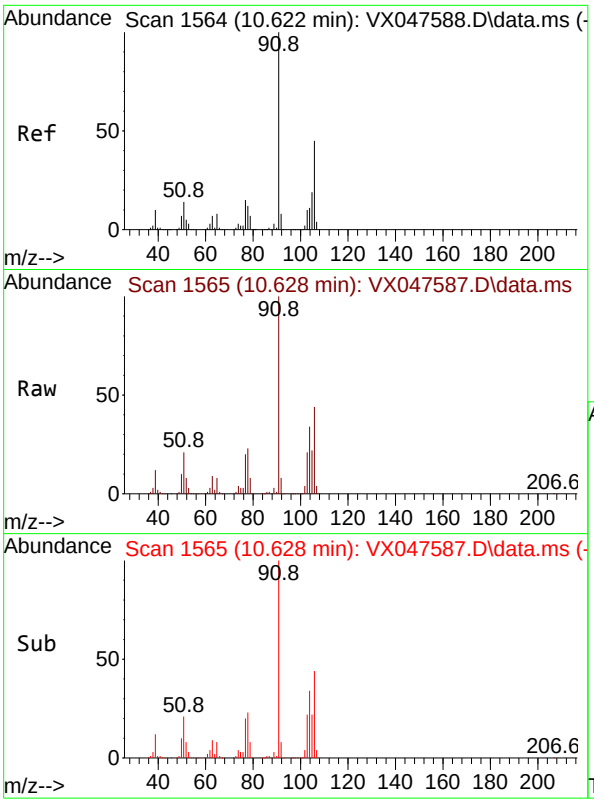


#68
m/p-Xylenes
Concen: 41.951 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:106 Resp: 182778

Ion	Ratio	Lower	Upper
106	100		
91	210.2	167.8	251.8



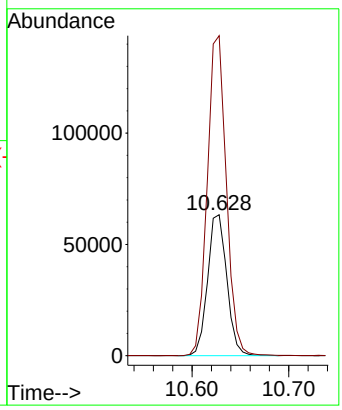


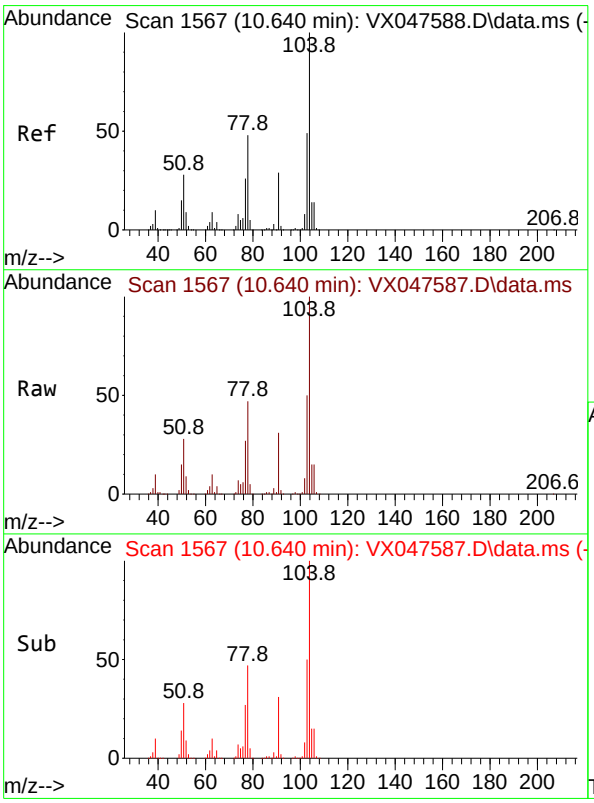
#69
o-Xylene
Concen: 20.799 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 87651

Ion	Ratio	Lower	Upper
106	100		
91	225.3	111.1	333.4

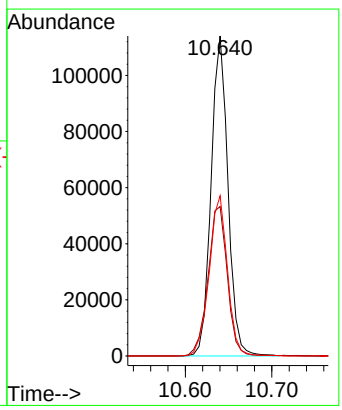


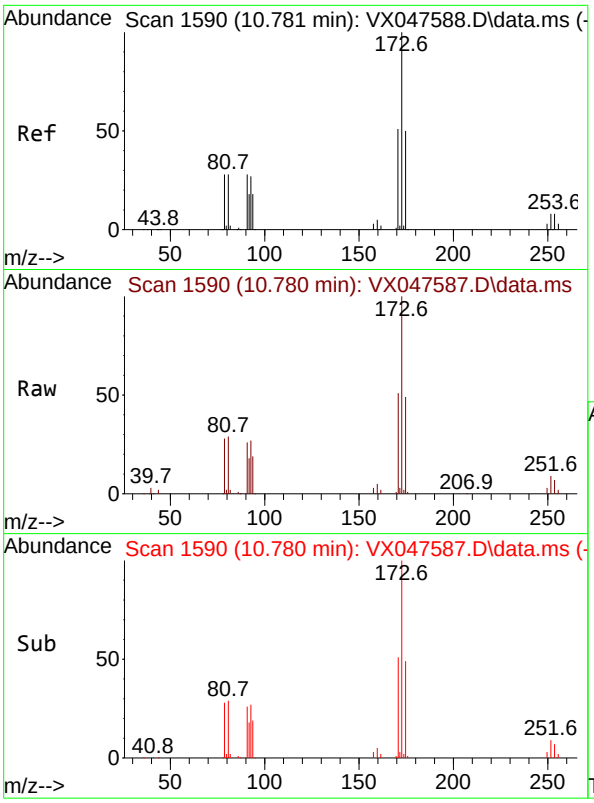


#70
Styrene
Concen: 20.866 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:104 Resp: 154077

Ion	Ratio	Lower	Upper
104	100		
78	53.6	43.1	64.7
103	54.4	43.1	64.7



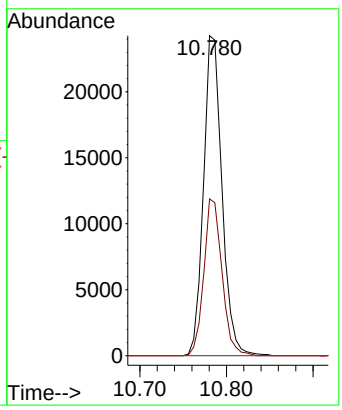


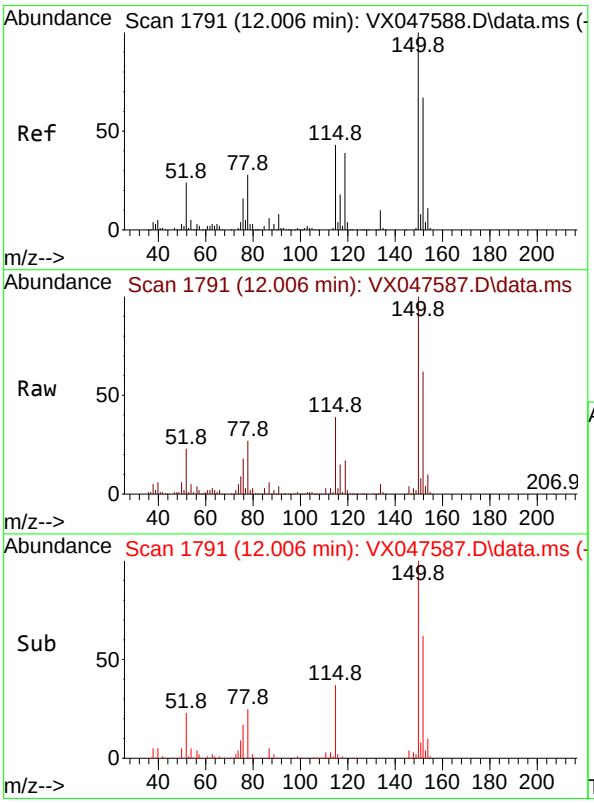
#71
Bromoform
Concen: 20.550 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 35922

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.0	0.1	0.1#

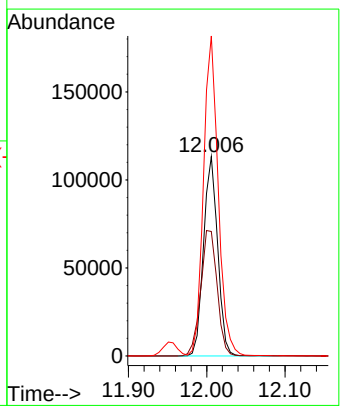


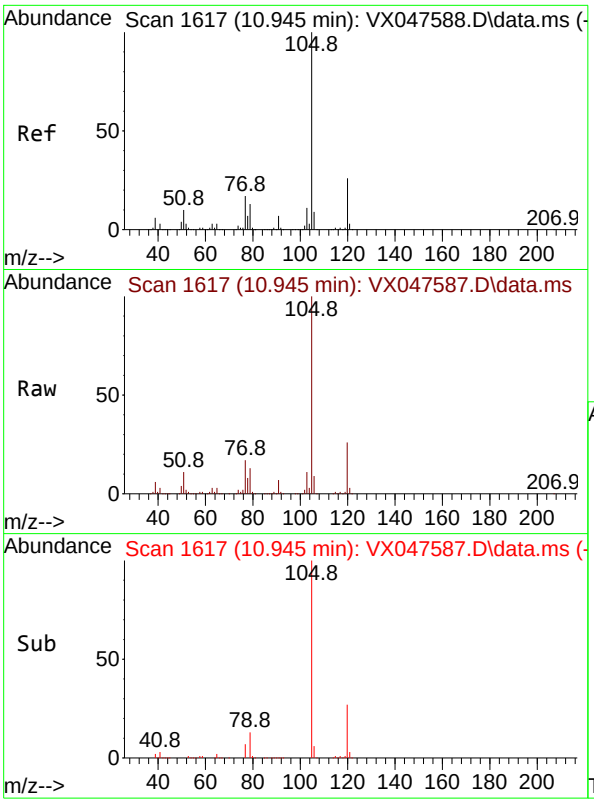


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:152 Resp: 141590

Ion	Ratio	Lower	Upper
152	100		
115	73.2	44.9	134.5
150	167.1	0.0	352.0



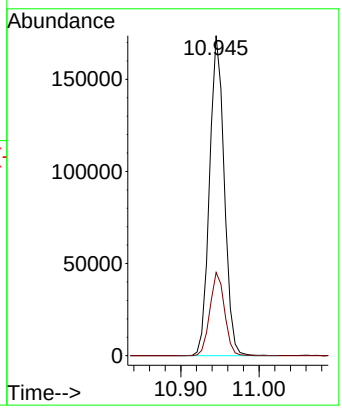


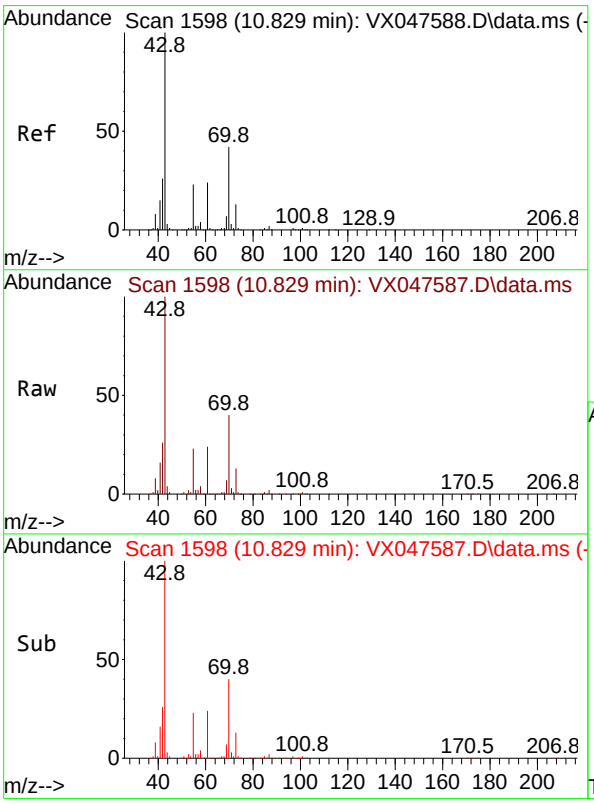
#73
Isopropylbenzene
Concen: 20.970 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 225730

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4

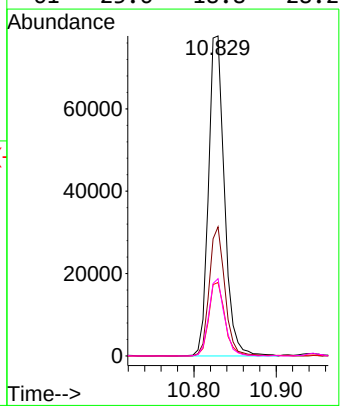


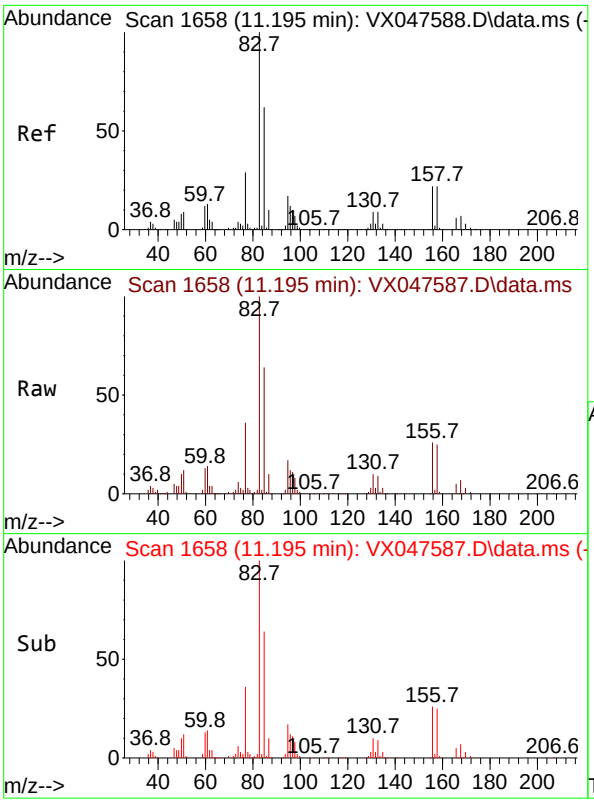


#74
N-amyl acetate
Concen: 21.354 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 104823

Ion	Ratio	Lower	Upper
43	100		
70	39.8	32.0	48.0
55	23.4	18.9	28.3
61	23.6	18.8	28.2



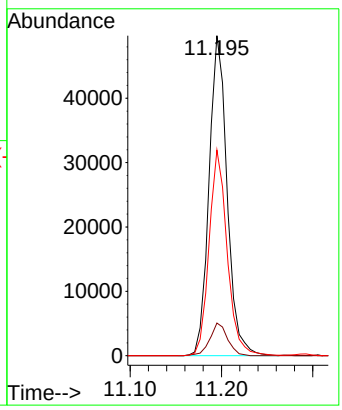


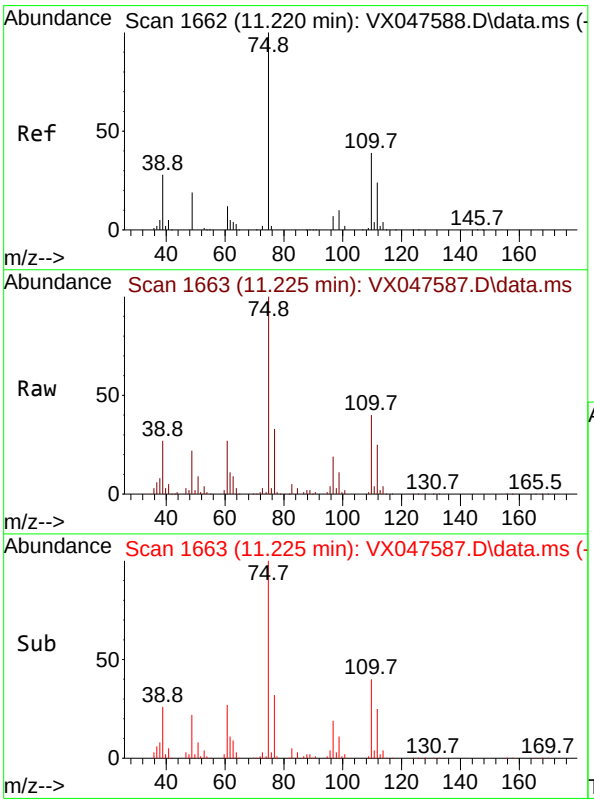
#75
1,1,2,2-Tetrachloroethane
Concen: 20.920 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 68132

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.4	31.6	95.0

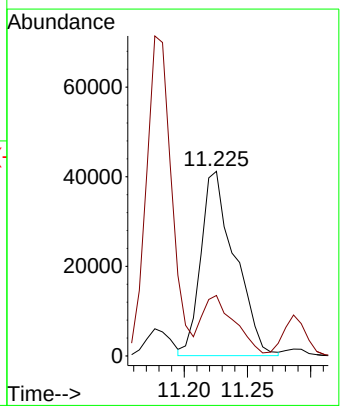


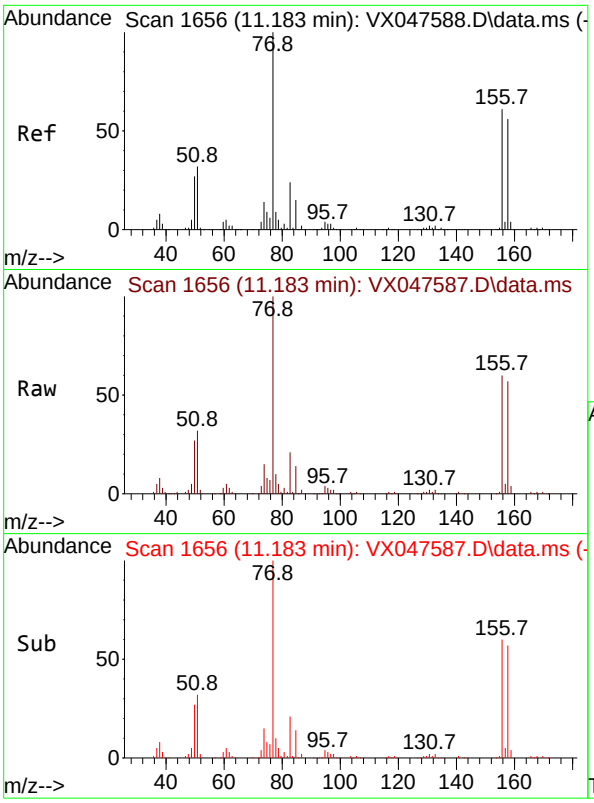


#76
1,2,3-Trichloropropane
Concen: 26.858 ug/l
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 76996

Ion	Ratio	Lower	Upper
75	100		
77	31.3	18.8	56.4



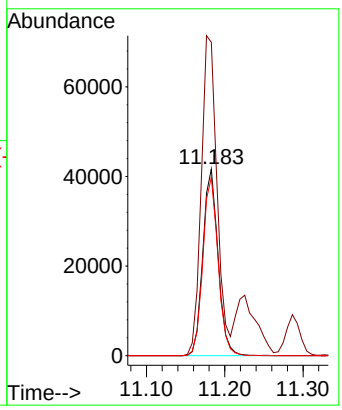


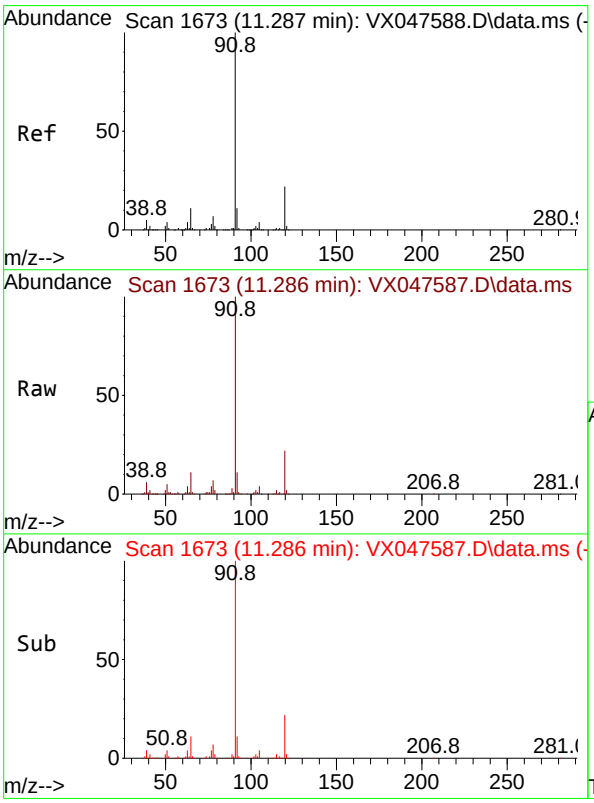
#77
Bromobenzene
Concen: 21.183 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 56161

Ion	Ratio	Lower	Upper
156	100		
77	177.4	89.7	269.1
158	95.2	47.9	143.6

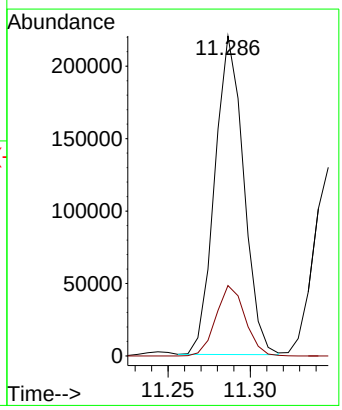


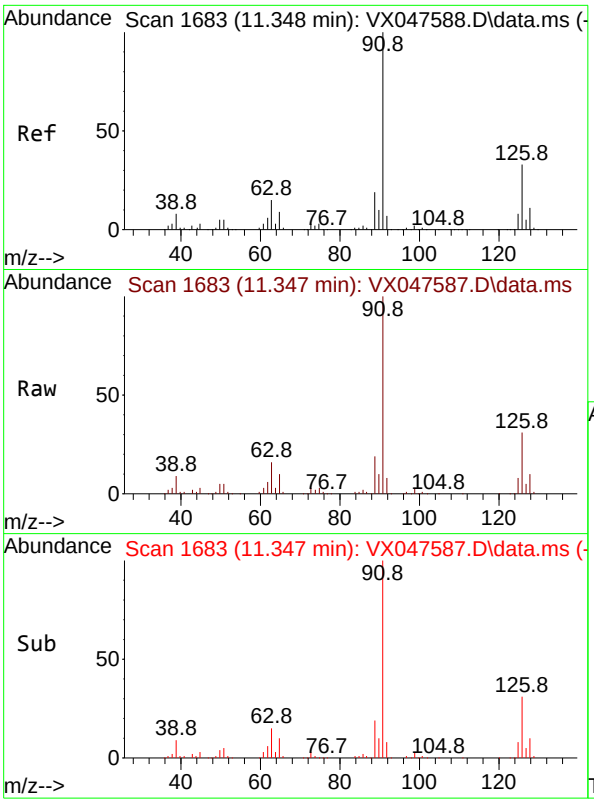


#78
n-propylbenzene
Concen: 21.092 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 268399

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1



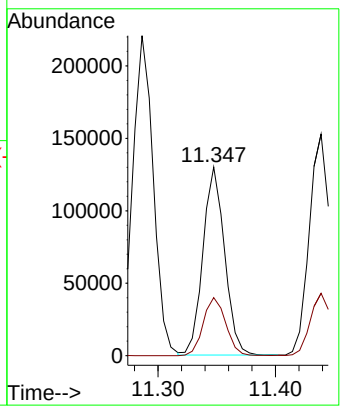


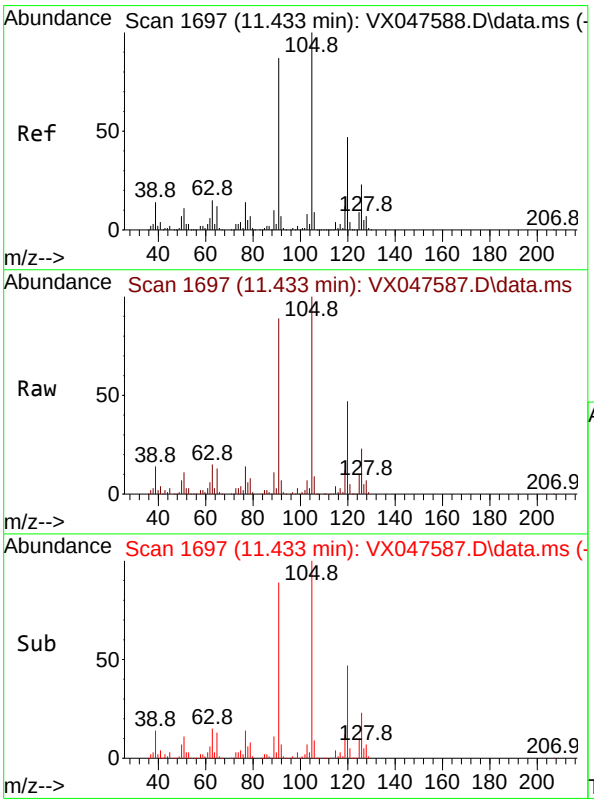
#79
2-Chlorotoluene
Concen: 21.329 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 166237

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.1	48.3

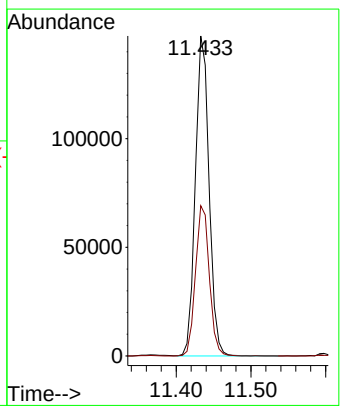


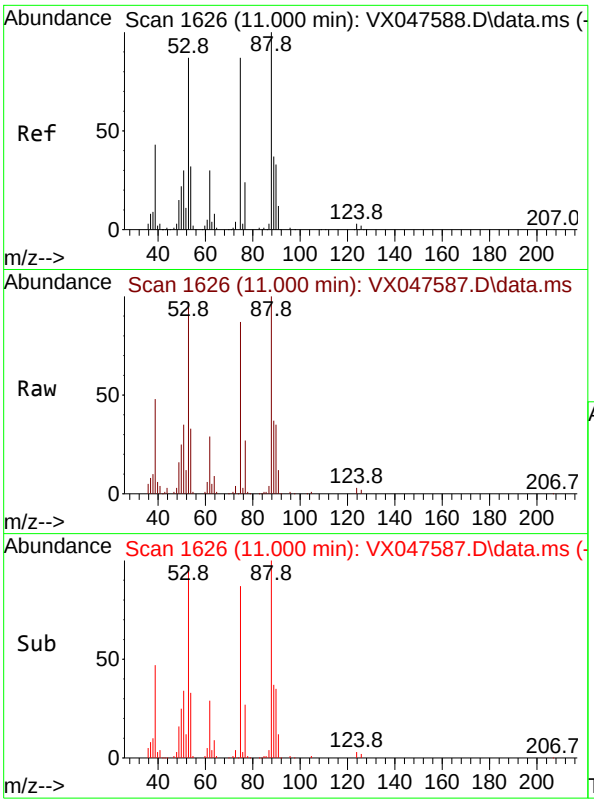


#80
1,3,5-Trimethylbenzene
Concen: 21.202 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 187513

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8



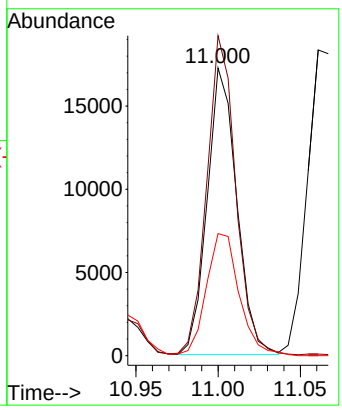


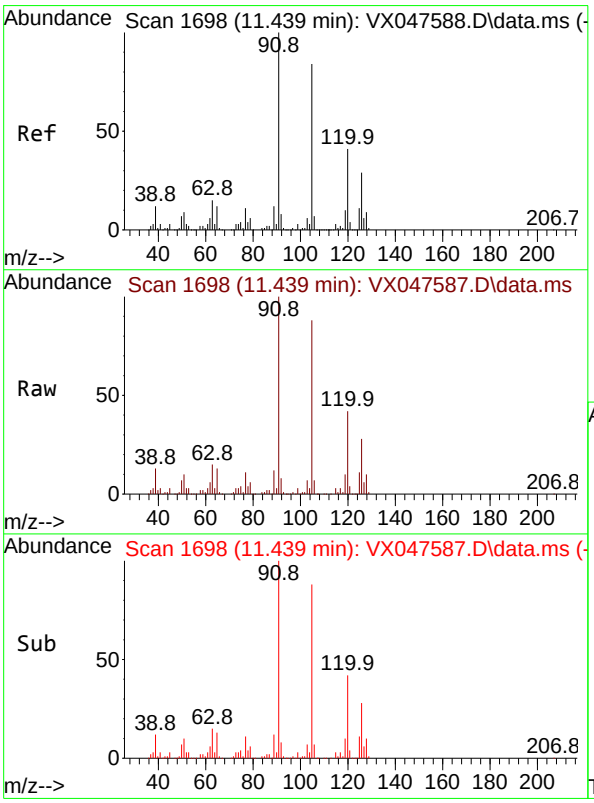
#81
trans-1,4-Dichloro-2-butene
Concen: 19.173 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 21553

Ion	Ratio	Lower	Upper
75	100		
53	109.1	83.4	125.2
89	47.6	36.3	54.5

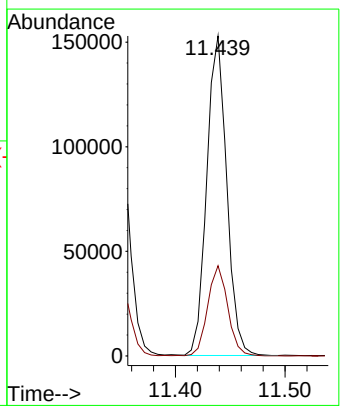


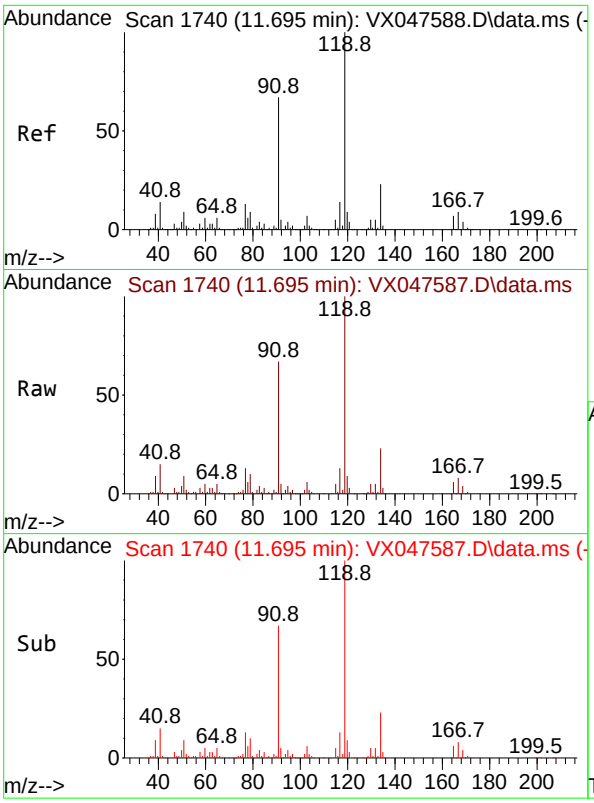


#82
4-Chlorotoluene
Concen: 20.980 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 193122

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6



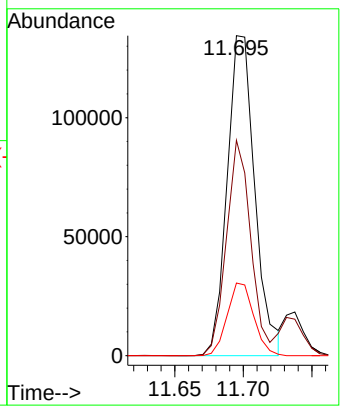


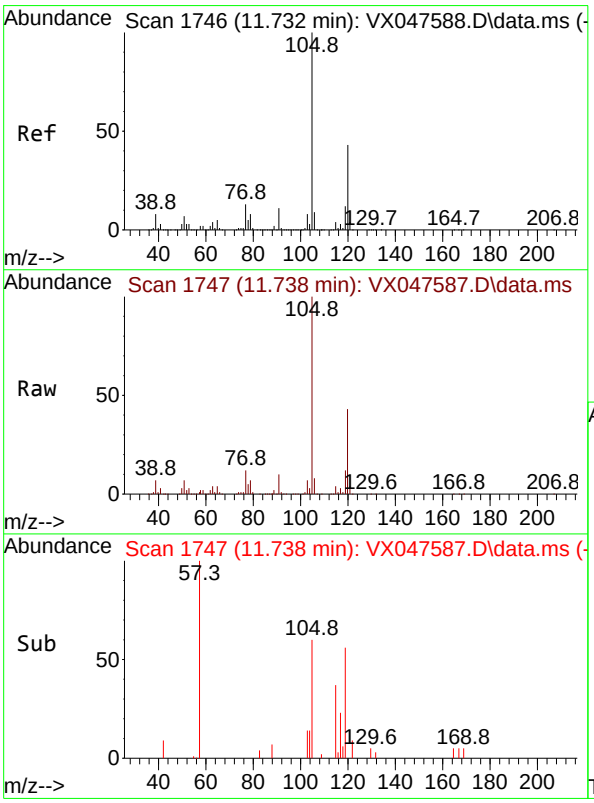
#83
tert-Butylbenzene
Concen: 20.929 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 189484

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	21.8	11.0	33.0

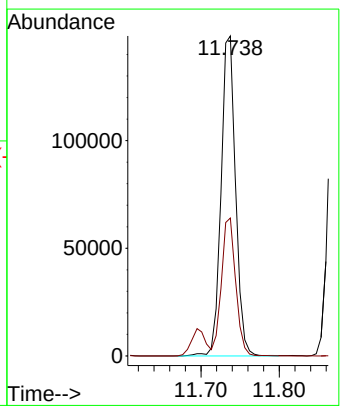


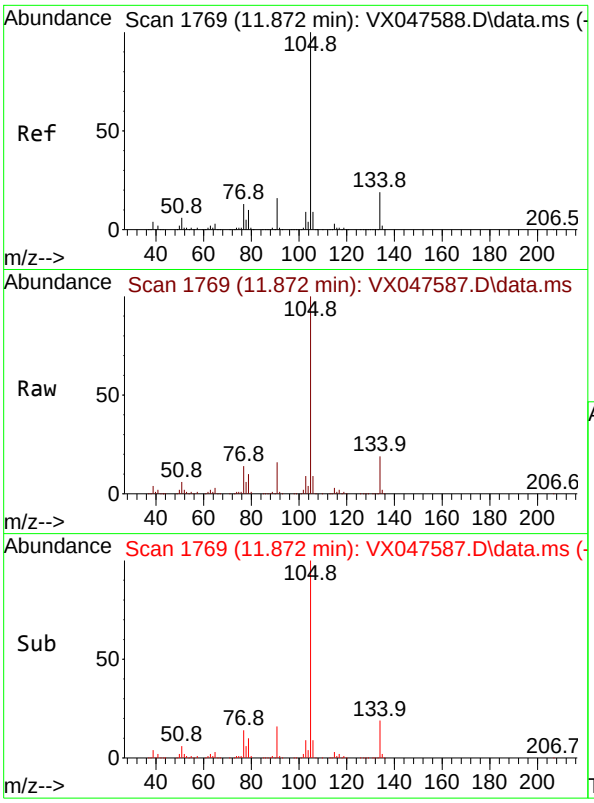


#84
1,2,4-Trimethylbenzene
Concen: 21.355 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 191477

Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.1	66.1



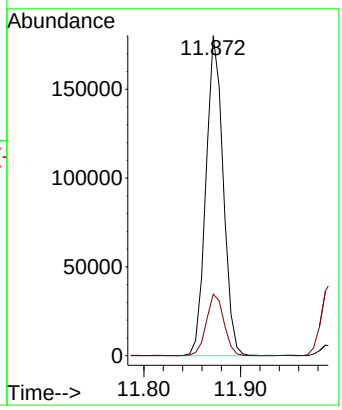


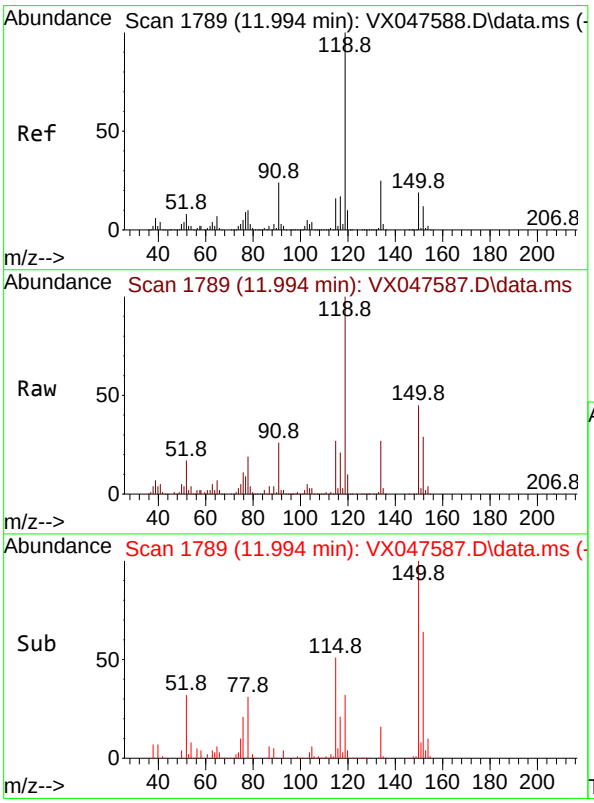
#85
sec-Butylbenzene
Concen: 20.777 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 223434

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

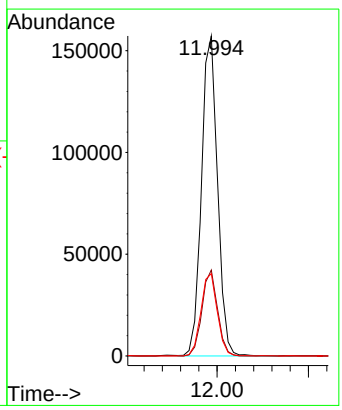


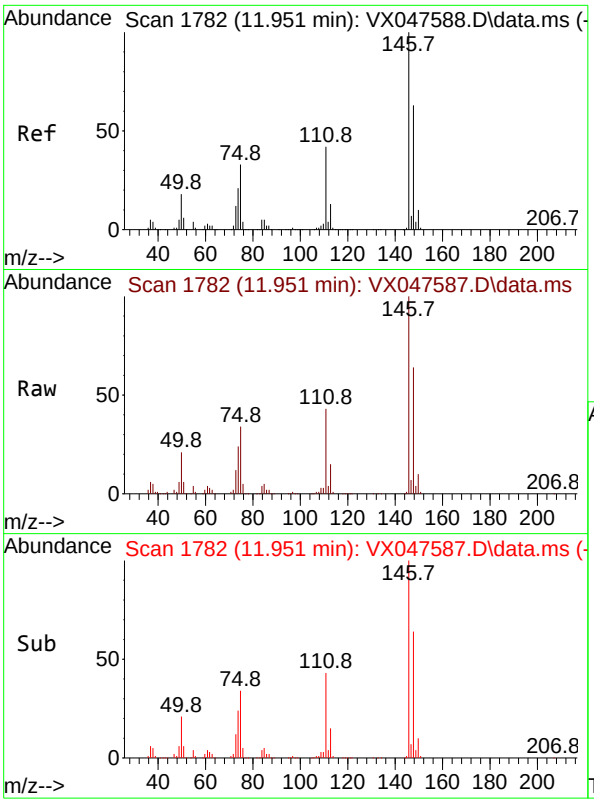


#86
p-Isopropyltoluene
Concen: 20.972 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:119 Resp: 190931

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.8
91	26.2	12.6	37.6



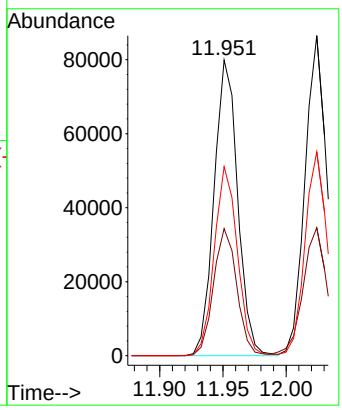


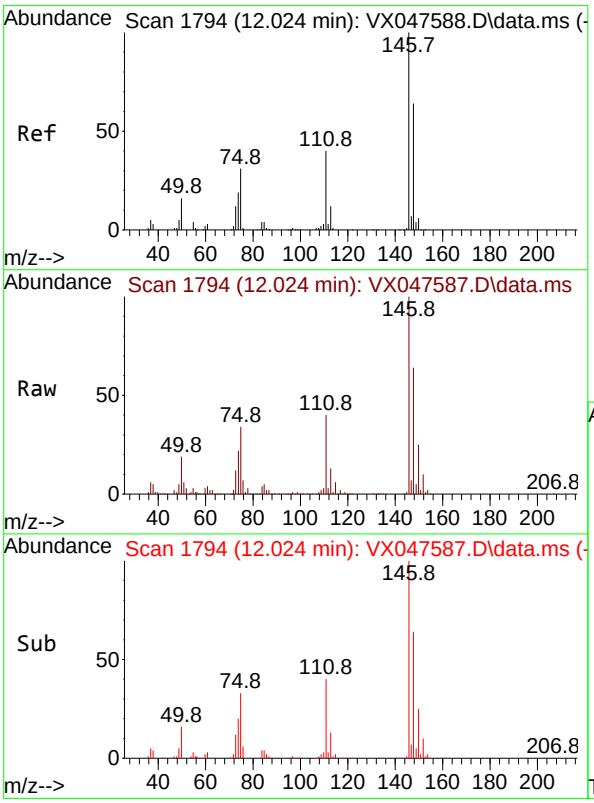
#87
1,3-Dichlorobenzene
Concen: 21.035 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 103584

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	62.7	32.0	96.0

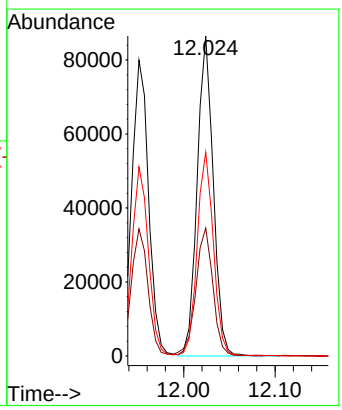


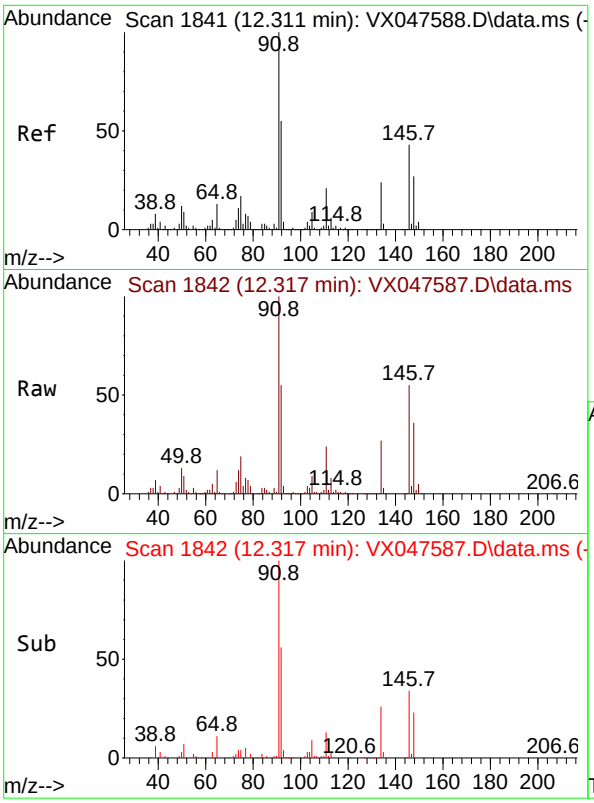


#88
1,4-Dichlorobenzene
Concen: 20.937 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 105819

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.8	62.4
148	64.4	31.7	95.1



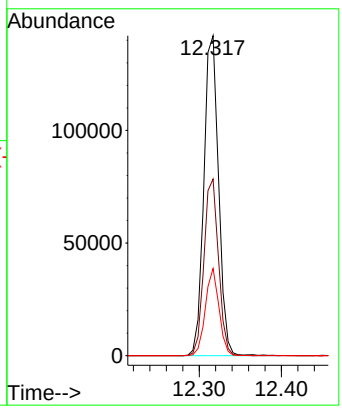


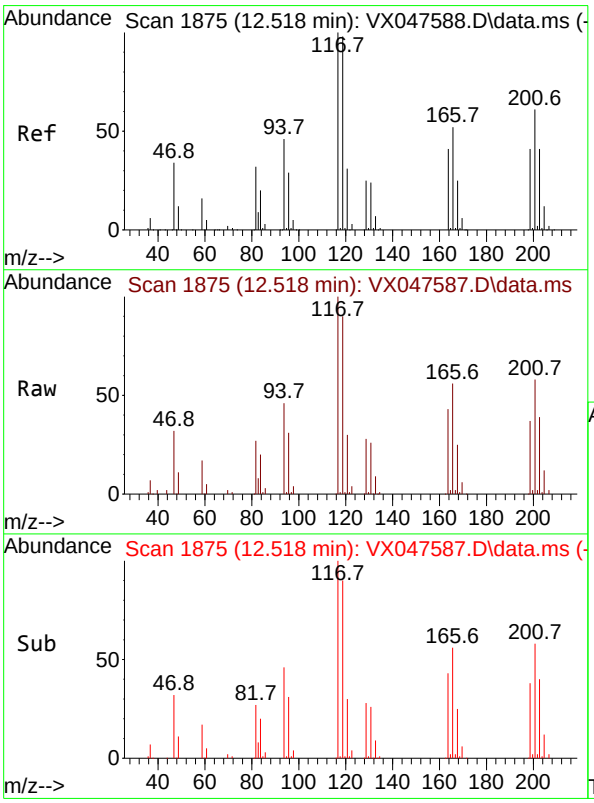
#89
n-Butylbenzene
Concen: 20.937 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 176373

Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	25.3	12.6	37.8

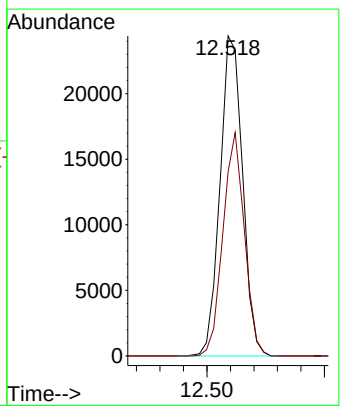


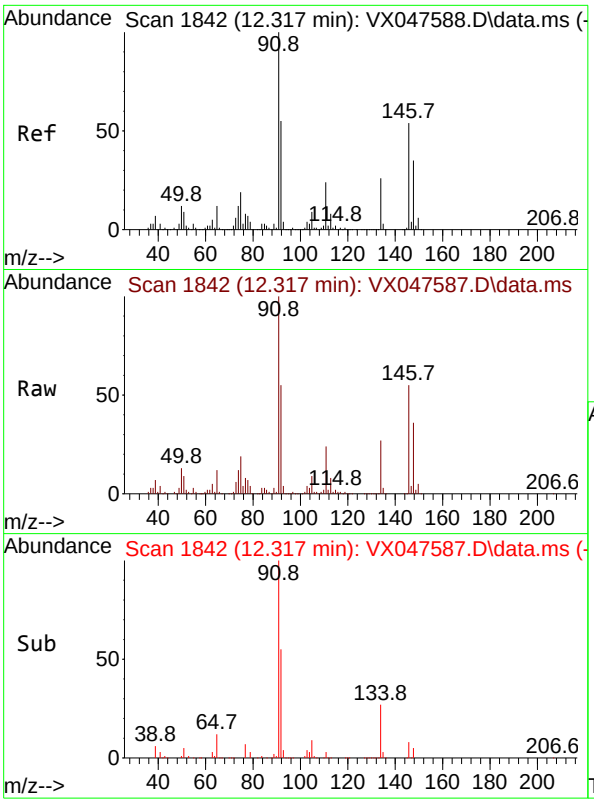


#90
Hexachloroethane
Concen: 20.349 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 32526

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5



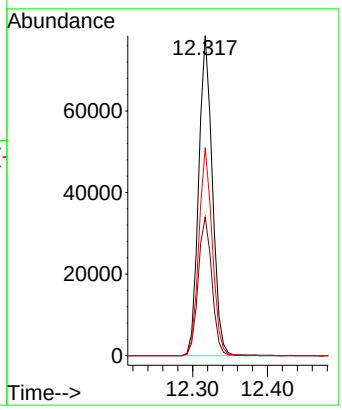


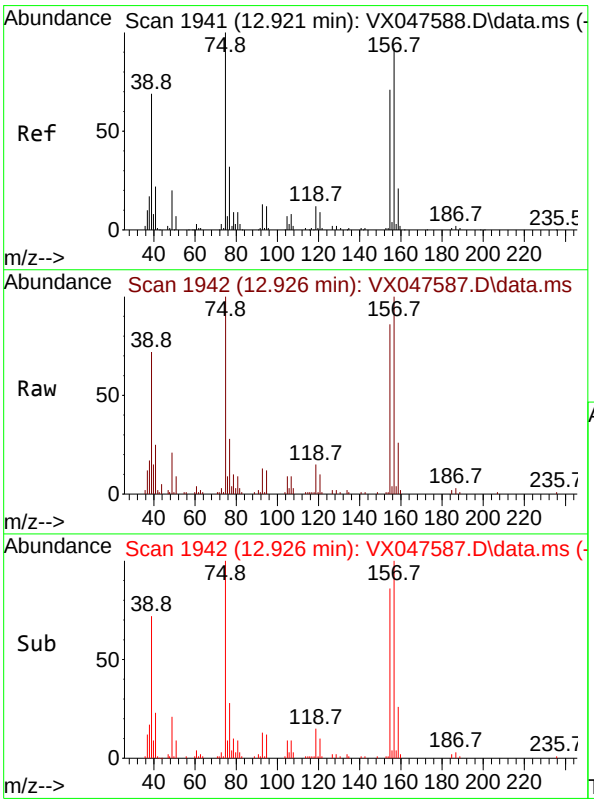
#91
1,2-Dichlorobenzene
Concen: 21.207 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 99493

Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.2	66.6
148	63.9	31.8	95.4

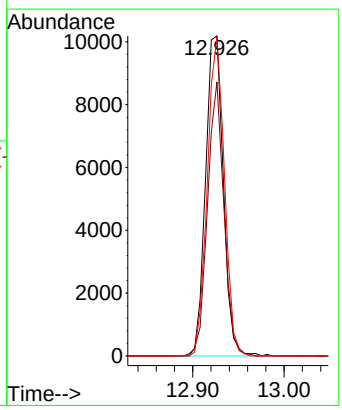


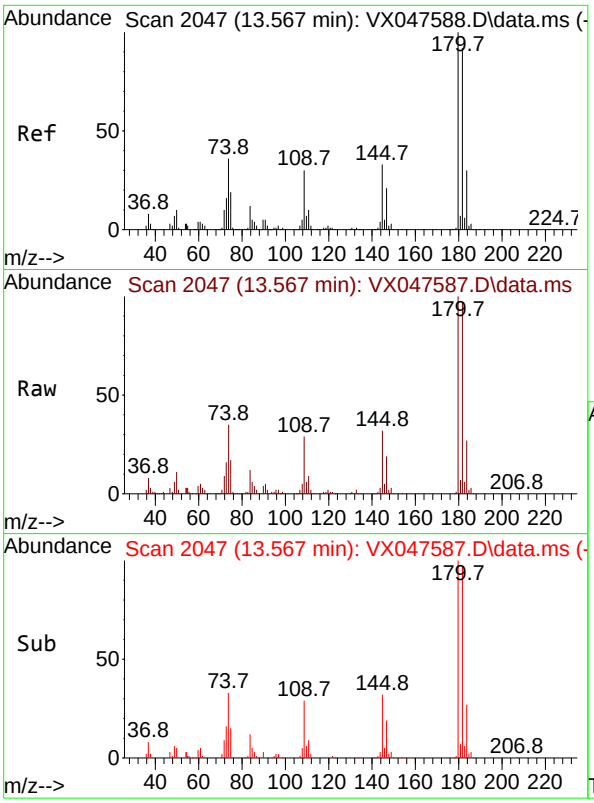


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.821 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 13729

Ion	Ratio	Lower	Upper
75	100		
155	78.8	37.7	113.1
157	95.9	49.8	149.4



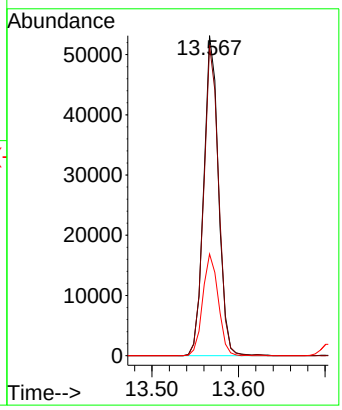


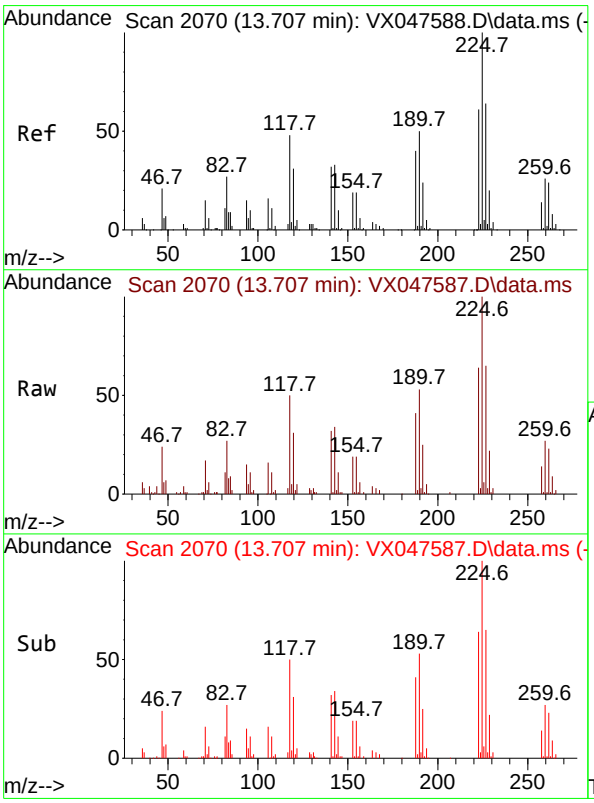
#93
1,2,4-Trichlorobenzene
Concen: 20.571 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 62722

Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.6	139.8
145	33.4	16.4	49.1

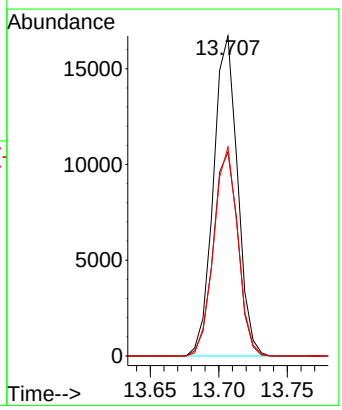


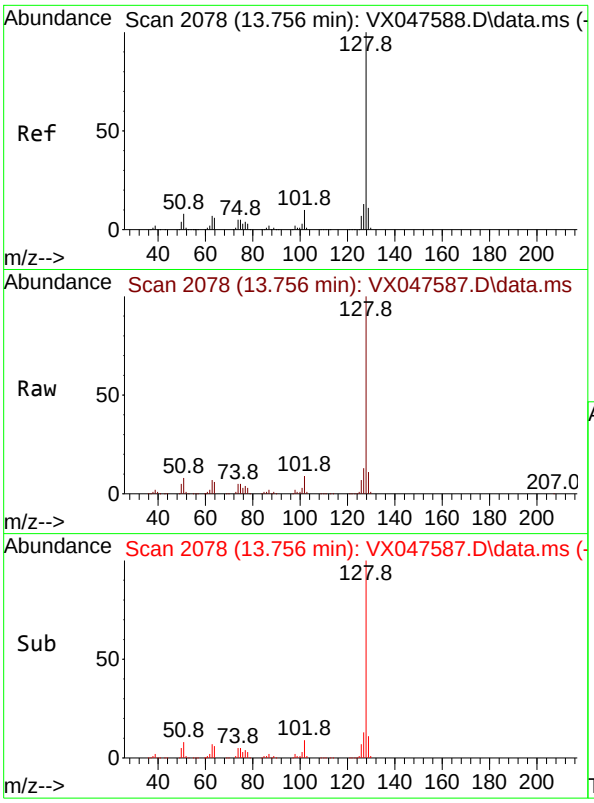


#94
Hexachlorobutadiene
Concen: 19.751 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:225 Resp: 20456

Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.7	95.1
227	65.1	32.0	96.0



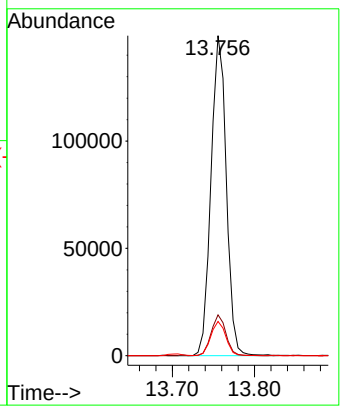


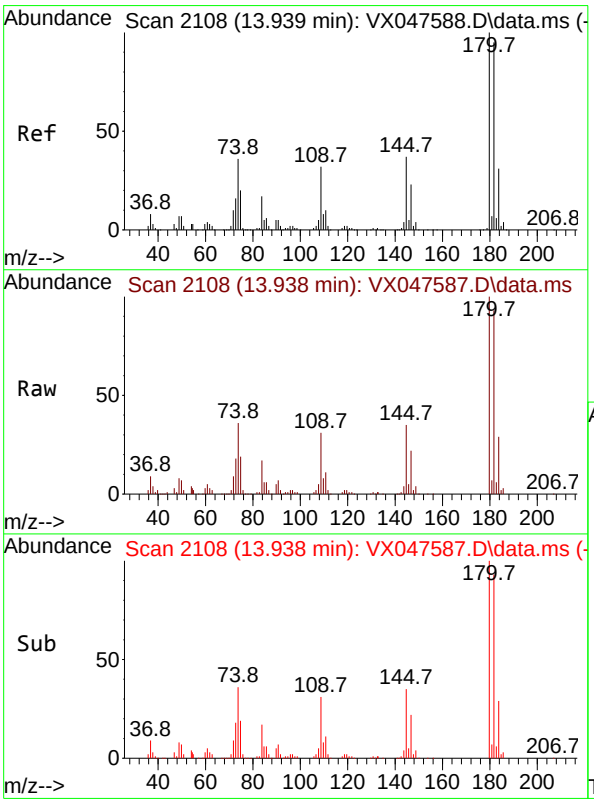
#95
Naphthalene
Concen: 20.801 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 193134

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.5	8.8	13.2

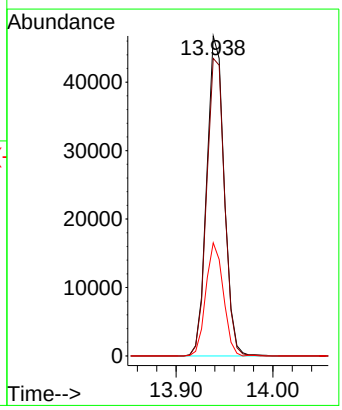




#96
1,2,3-Trichlorobenzene
Concen: 20.593 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:180 Resp: 58409

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	35.5	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Sep 22 01:50:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	173407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	307383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	133606	48.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.800%			
35) Dibromofluoromethane	5.373	113	101627	49.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.600%			
50) Toluene-d8	8.635	98	352578	49.428	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.061	95	131217	48.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	86824	48.352	ug/l	100
3) Chloromethane	1.301	50	114682	48.594	ug/l	100
4) Vinyl Chloride	1.380	62	114666	49.635	ug/l	100
5) Bromomethane	1.618	94	73561	50.216	ug/l	100
6) Chloroethane	1.697	64	76736	49.698	ug/l	100
7) Trichlorofluoromethane	1.898	101	172561	50.307	ug/l	100
8) Diethyl Ether	2.136	74	70874	50.510	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	101178	50.445	ug/l	100
10) Methyl Iodide	2.459	142	158046	50.525	ug/l	100
11) Tert butyl alcohol	2.941	59	77232	251.232	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104724	50.831	ug/l	100
13) Acrolein	2.239	56	70721	249.645	ug/l	100
14) Allyl chloride	2.666	41	210001	49.396	ug/l	100
15) Acrylonitrile	3.063	53	300642	264.027	ug/l	100
16) Acetone	2.374	43	275065	229.193	ug/l	100
17) Carbon Disulfide	2.520	76	271480	48.133	ug/l	100
18) Methyl Acetate	2.703	43	151968	56.897	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	389607	51.804	ug/l	100
20) Methylene Chloride	2.788	84	126506	49.798	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	112553	50.743	ug/l	100
22) Diisopropyl ether	3.758	45	429524	52.131	ug/l	100
23) Vinyl Acetate	3.715	43	1726735	261.852	ug/l	100
24) 1,1-Dichloroethane	3.605	63	224824	51.338	ug/l	100
25) 2-Butanone	4.538	43	380335	254.060	ug/l	100
26) 2,2-Dichloropropane	4.465	77	185247	50.888	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	140105	51.576	ug/l	100
28) Bromochloromethane	4.891	49	99991	52.301	ug/l	100
29) Tetrahydrofuran	4.989	42	238677	265.026	ug/l	100
30) Chloroform	5.080	83	229430	51.844	ug/l	100
31) Cyclohexane	5.458	56	178546	48.952	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	195407	52.058	ug/l	100
36) 1,1-Dichloropropene	5.684	75	149800	49.729	ug/l	100
37) Ethyl Acetate	4.702	43	163482	50.687	ug/l	100
38) Carbon Tetrachloride	5.672	117	165730	50.637	ug/l	100
39) Methylcyclohexane	7.367	83	173610	50.773	ug/l	100
40) Benzene	6.025	78	468136	51.167	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Sep 22 01:50:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	87761	52.707	ug/l		100
42) 1,2-Dichloroethane	6.074	62	179037	51.431	ug/l		100
43) Isopropyl Acetate	6.324	43	275572	52.096	ug/l		100
44) Trichloroethene	7.111	130	113832	51.463	ug/l		100
45) 1,2-Dichloropropane	7.415	63	122109	52.122	ug/l		100
46) Dibromomethane	7.568	93	88505	51.914	ug/l		100
47) Bromodichloromethane	7.806	83	186540	53.025	ug/l		100
48) Methyl methacrylate	7.678	41	138167	52.438	ug/l		100
49) 1,4-Dioxane	7.647	88	29496	1107.698	ug/l		100
51) 4-Methyl-2-Pentanone	8.562	43	784978	267.650	ug/l		100
52) Toluene	8.702	92	288853	51.244	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	190282	53.027	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	200859	52.369	ug/l		100
55) 1,1,2-Trichloroethane	9.135	97	112837	51.915	ug/l		100
56) Ethyl methacrylate	9.104	69	184087	53.930	ug/l		100
57) 1,3-Dichloropropane	9.293	76	195989	52.492	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	418707	256.309	ug/l		100
59) 2-Hexanone	9.415	43	553313	262.683	ug/l		100
60) Dibromochloromethane	9.506	129	133737	53.401	ug/l		100
61) 1,2-Dibromoethane	9.592	107	116462	52.607	ug/l		100
64) Tetrachloroethene	9.257	164	88149	50.074	ug/l		100
65) Chlorobenzene	10.061	112	317982	51.833	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	111849	52.835	ug/l		100
67) Ethyl Benzene	10.177	91	550610	52.017	ug/l		100
68) m/p-Xylenes	10.287	106	412932	104.809	ug/l		100
69) o-Xylene	10.622	106	202291	53.084	ug/l		100
70) Styrene	10.640	104	350654	52.515	ug/l		100
71) Bromoform	10.781	173	84485	53.447	ug/l	#	100
73) Isopropylbenzene	10.945	105	516891	53.227	ug/l		100
74) N-amyl acetate	10.829	43	237846	53.710	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	156454	53.251	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	178309	68.947	ug/l		88
77) Bromobenzene	11.183	156	126174	52.754	ug/l		100
78) n-propylbenzene	11.287	91	612035	53.315	ug/l		100
79) 2-Chlorotoluene	11.348	91	372397	52.965	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	426989	53.518	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	52927	52.190	ug/l		100
82) 4-Chlorotoluene	11.439	91	438502	52.806	ug/l		100
83) tert-Butylbenzene	11.695	119	429107	52.539	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	427073	52.798	ug/l		100
85) sec-Butylbenzene	11.872	105	514442	53.029	ug/l		100
86) p-Isopropyltoluene	11.994	119	436704	53.172	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	232038	52.232	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	233975	51.316	ug/l		100
89) n-Butylbenzene	12.311	91	400997	52.766	ug/l		100
90) Hexachloroethane	12.518	117	75800	52.567	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	222993	52.688	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	32451	54.554	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	147670	53.685	ug/l		100
94) Hexachlorobutadiene	13.707	225	49061	52.510	ug/l		100
95) Naphthalene	13.756	128	452013	53.966	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	138978	54.316	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Sep 22 01:50:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

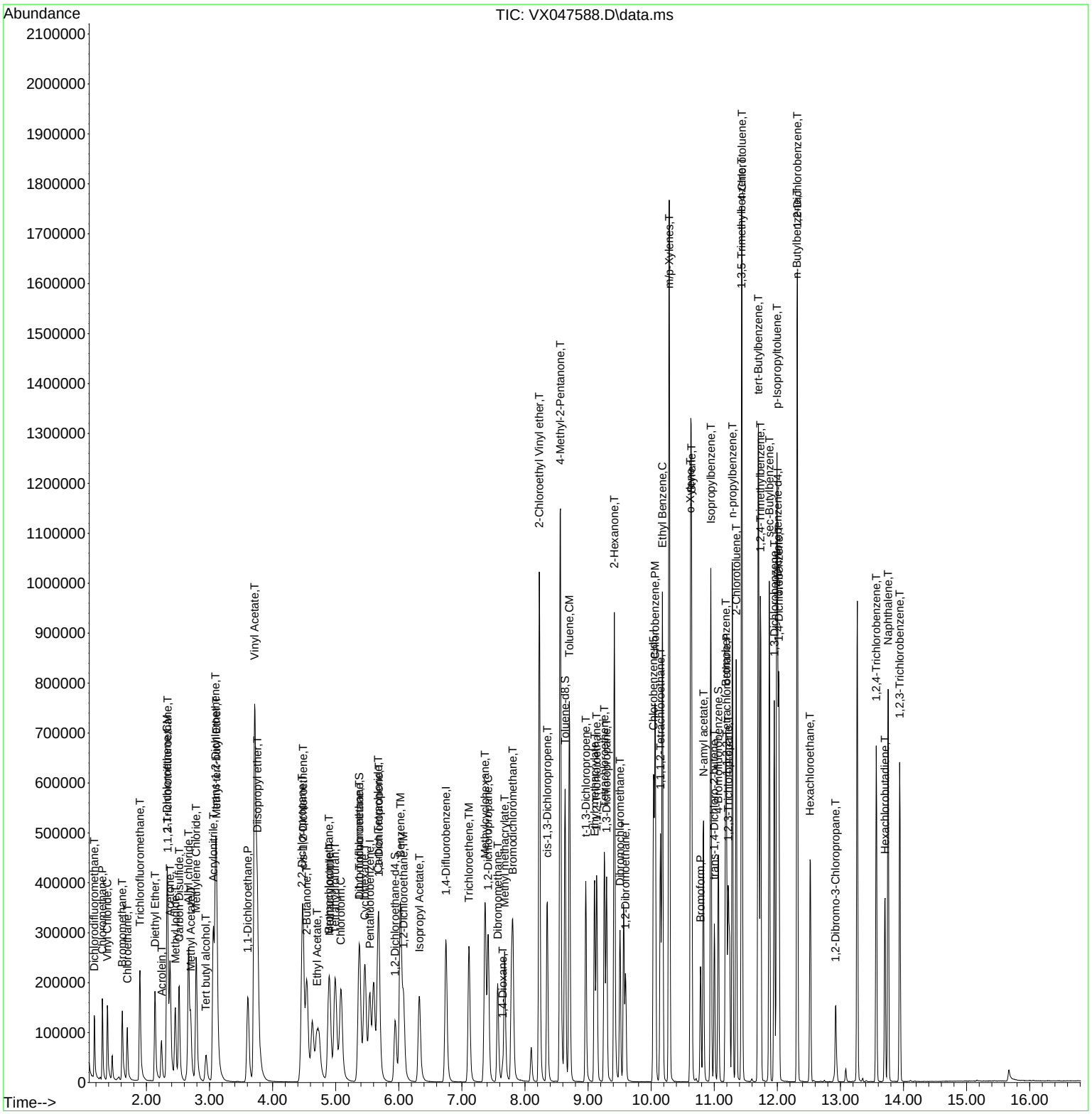
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

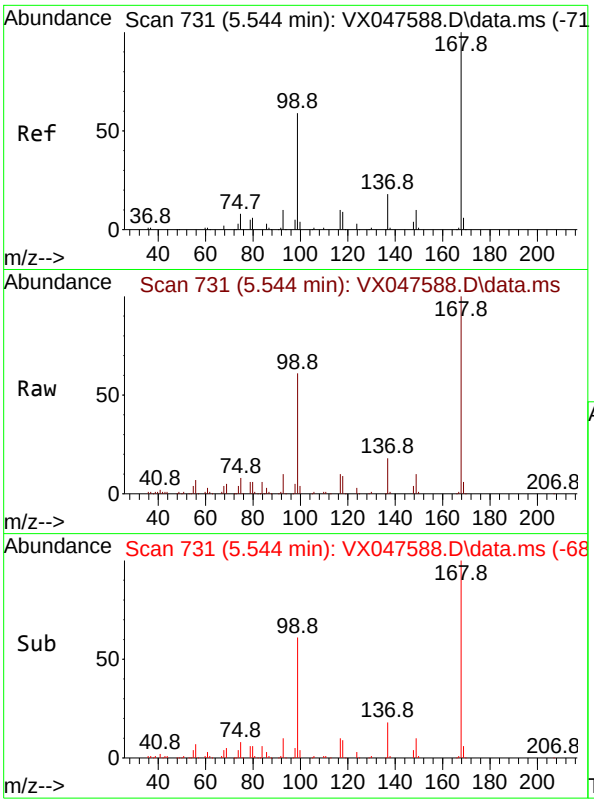
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Sep 22 01:50:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



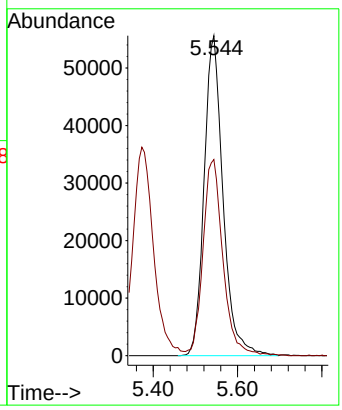


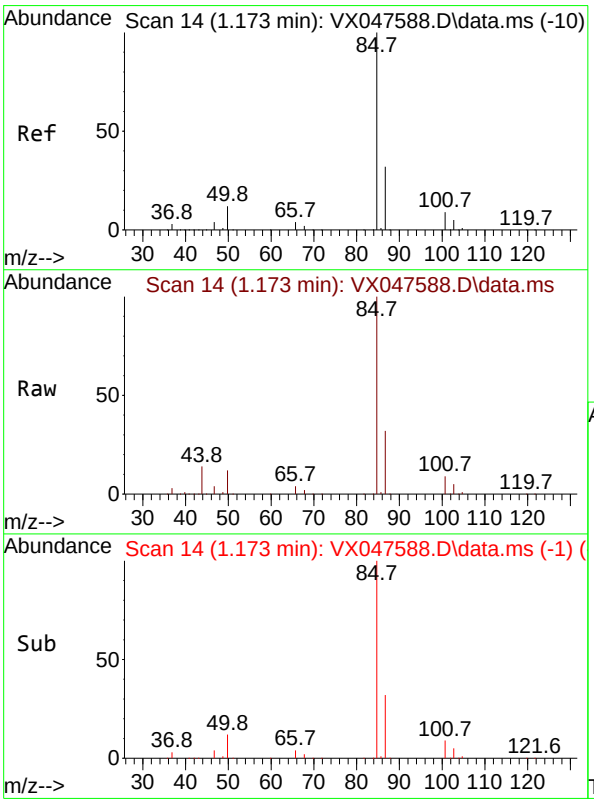
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 173407

Ion	Ratio	Lower	Upper
168	100		
99	61.0	48.8	73.2

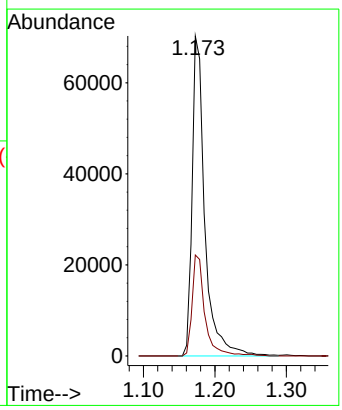


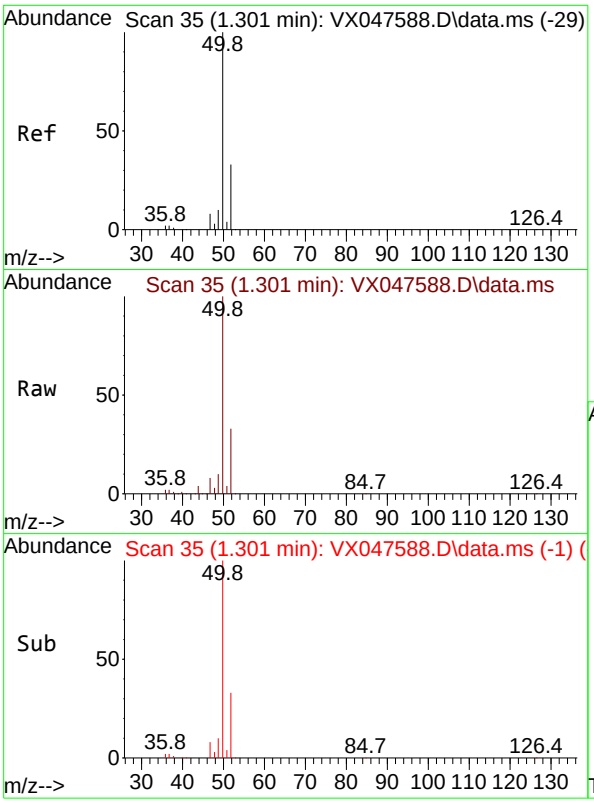


#2
Dichlorodifluoromethane
Concen: 48.352 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 85 Resp: 86824

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3



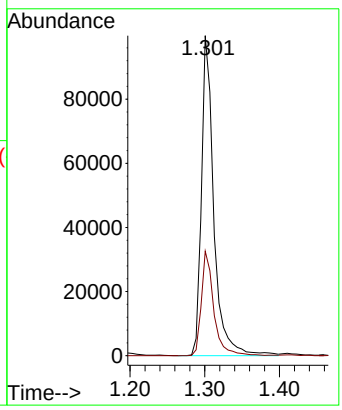


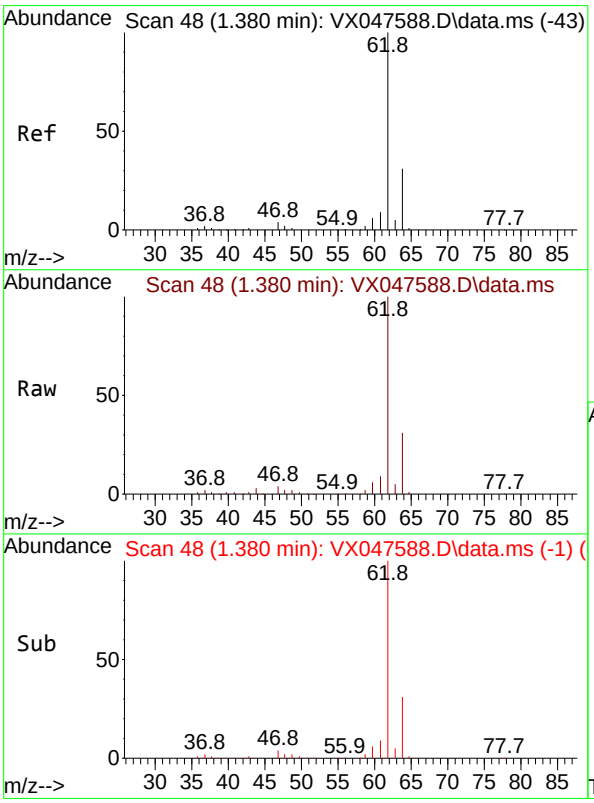
#3
Chloromethane
Concen: 48.594 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 114682

Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.1	39.1

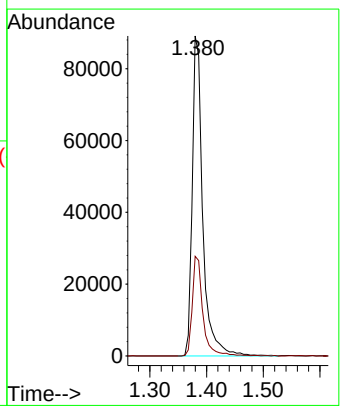


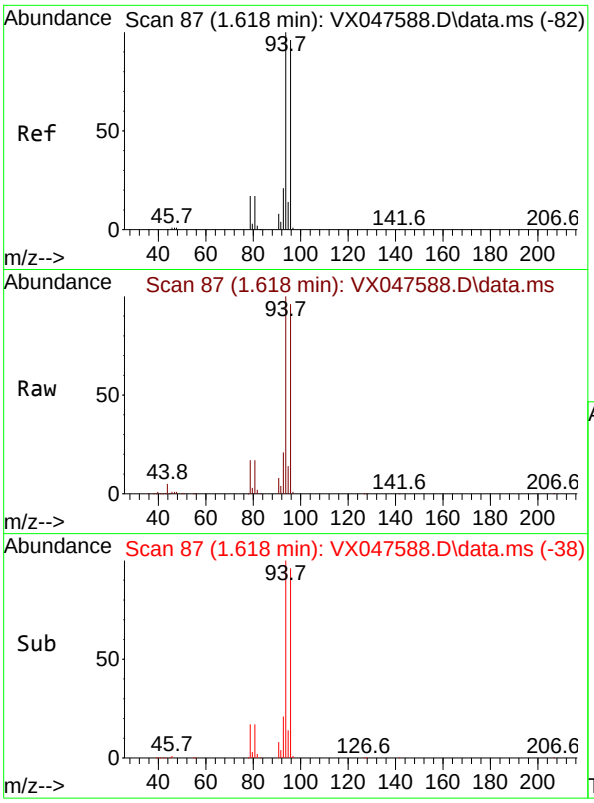


#4
Vinyl Chloride
Concen: 49.635 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 114666

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3



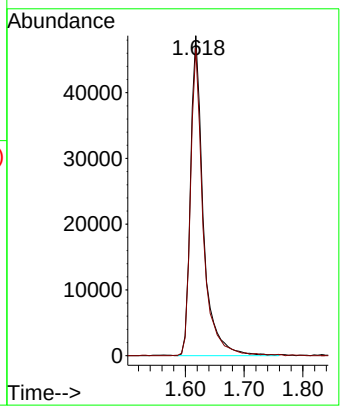


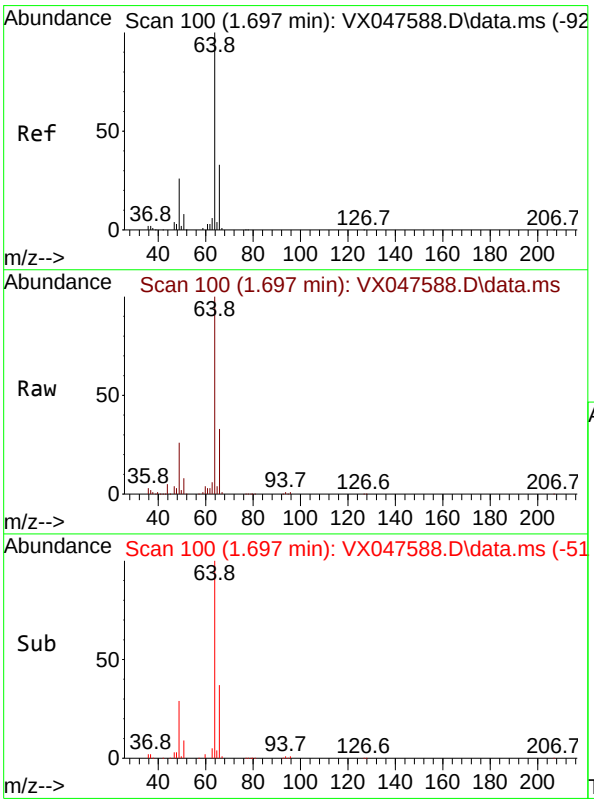
#5
Bromomethane
Concen: 50.216 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 73561

Ion	Ratio	Lower	Upper
94	100		
96	95.8	76.6	115.0

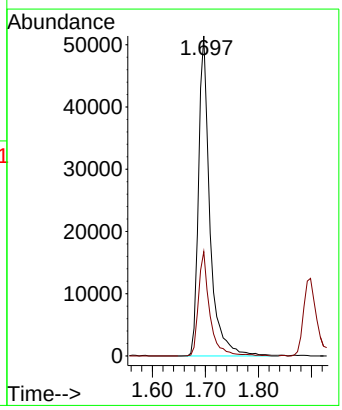


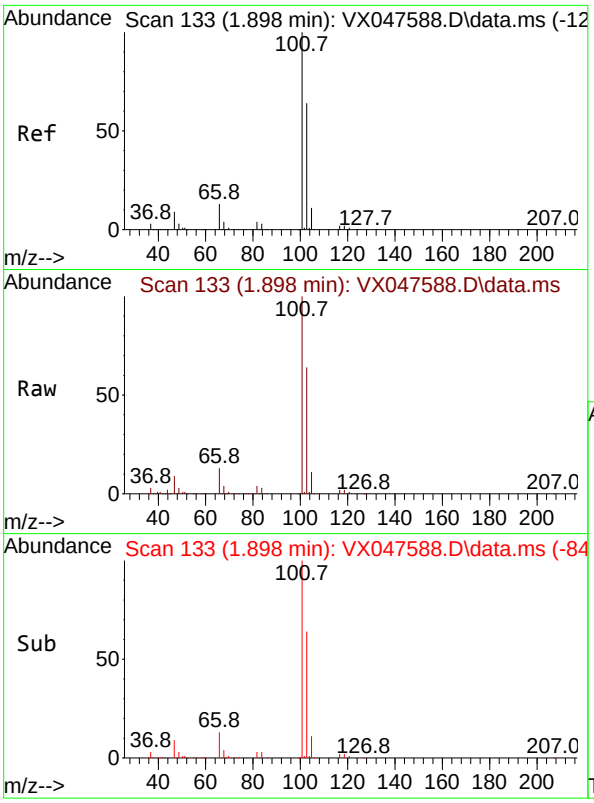


#6
Chloroethane
Concen: 49.698 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 64 Resp: 76736

Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.1	39.1



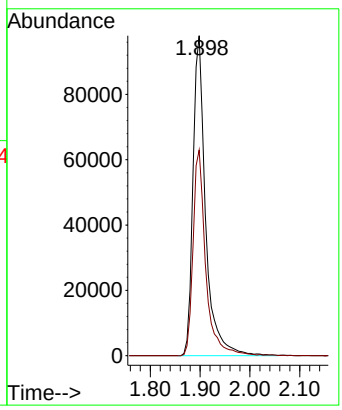


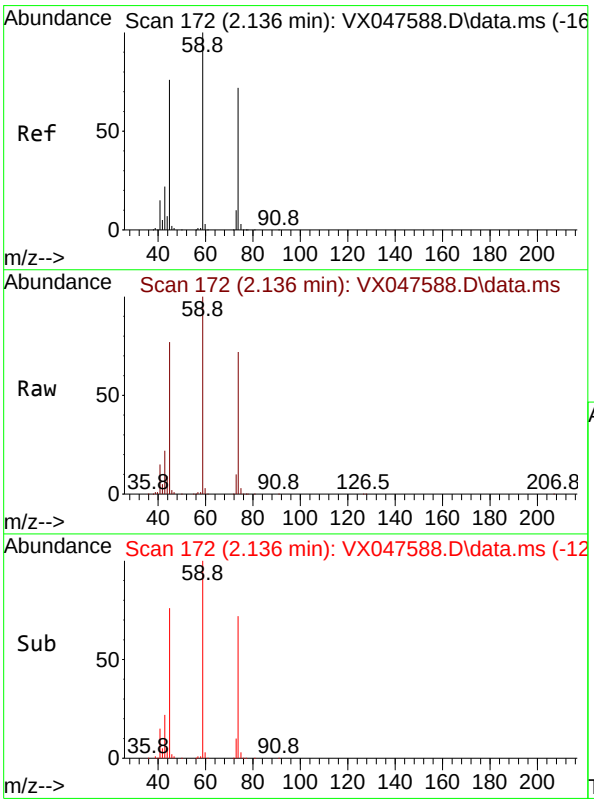
#7
Trichlorofluoromethane
Concen: 50.307 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 172561

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2

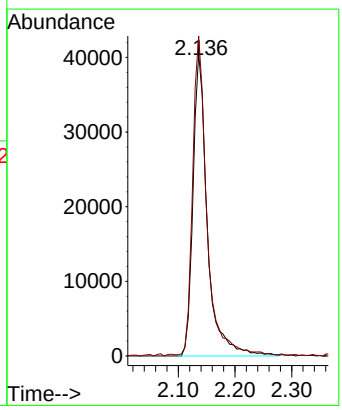


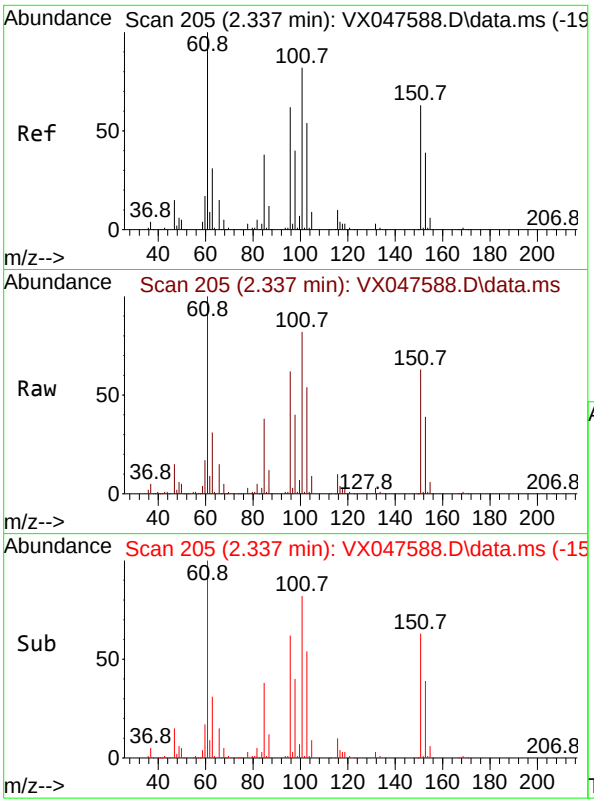


#8
Diethyl Ether
Concen: 50.510 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 74 Resp: 70874

Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.3	156.8



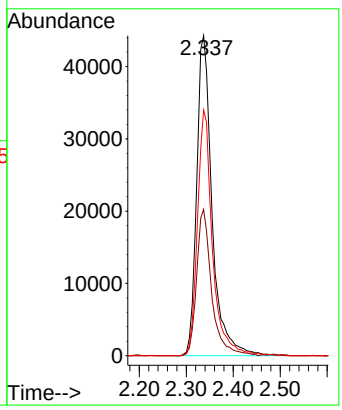


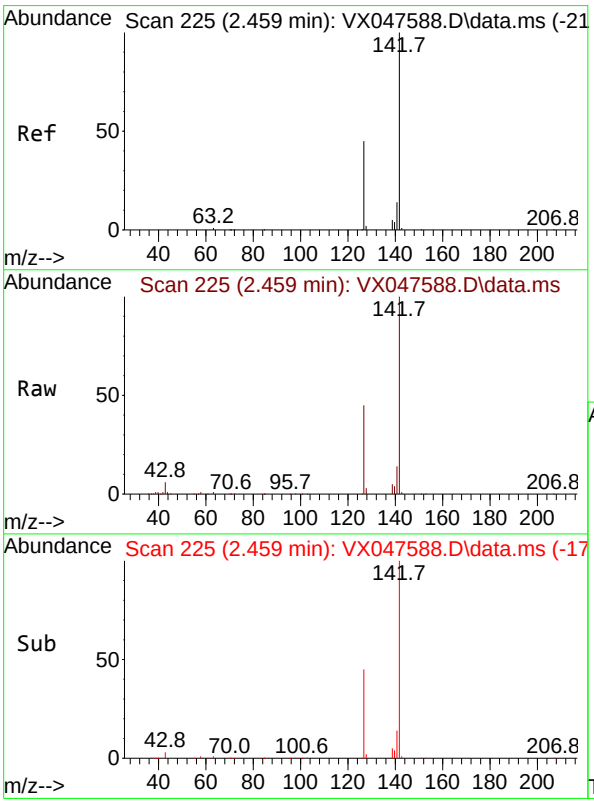
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.445 ug/l
RT: 2.337 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 101178

Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	74.2	59.4	89.0

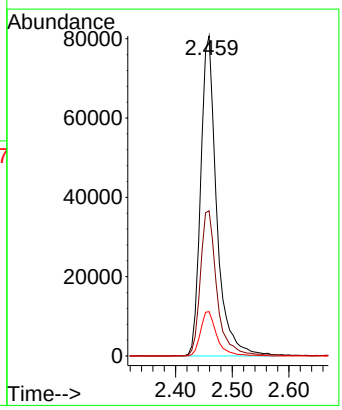


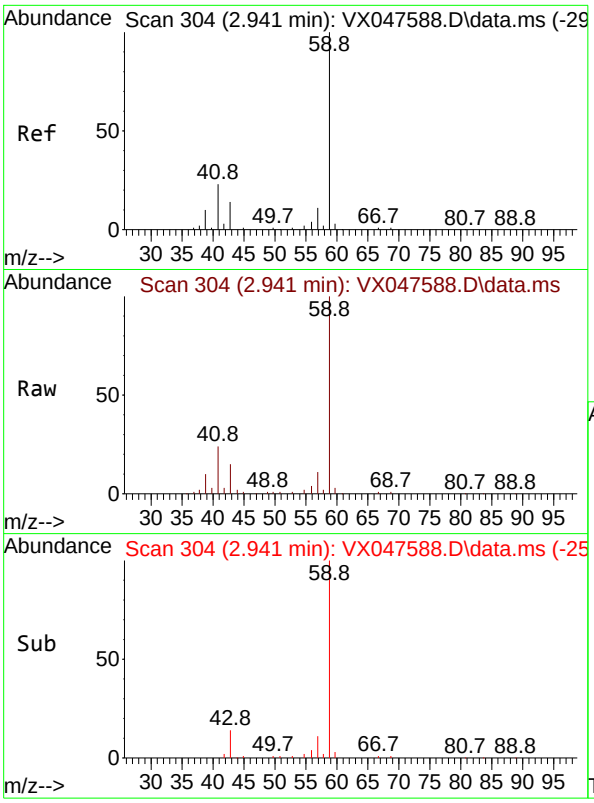


#10
Methyl Iodide
Concen: 50.525 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:142 Resp: 158046

Ion	Ratio	Lower	Upper
142	100		
127	46.5	37.2	55.8
141	14.2	11.4	17.0



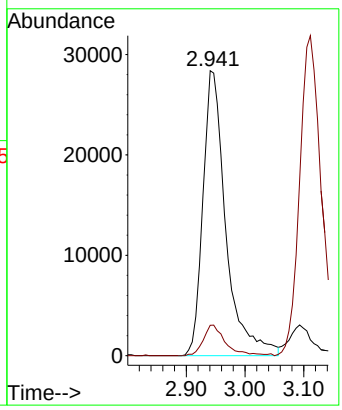


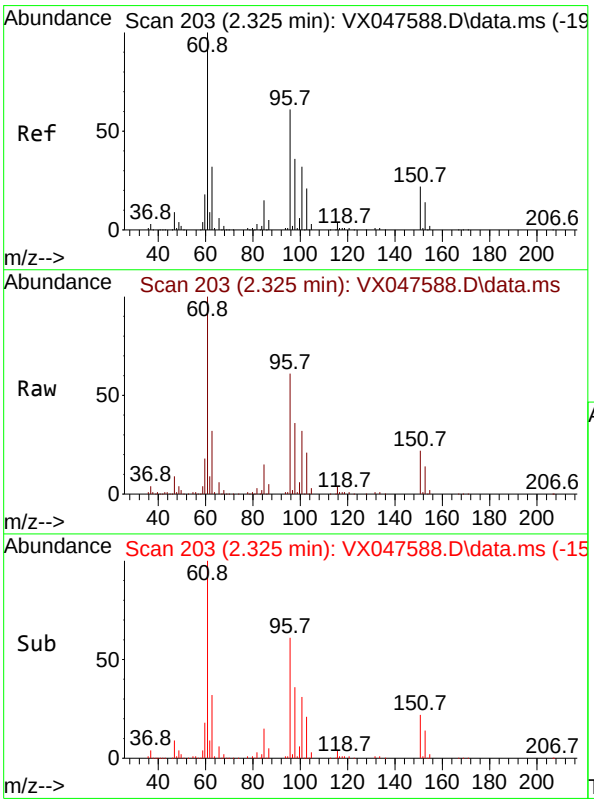
#11
Tert butyl alcohol
Concen: 251.232 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 77232

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

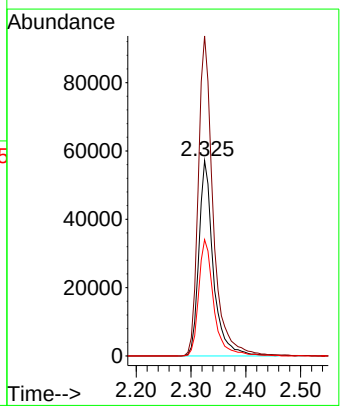


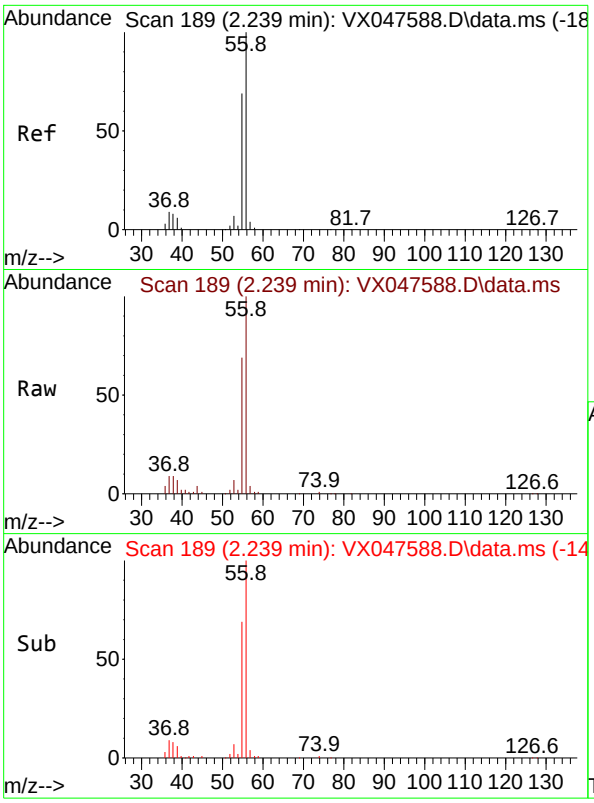


#12
1,1-Dichloroethene
Concen: 50.831 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 96 Resp: 104724

Ion	Ratio	Lower	Upper
96	100		
61	163.8	131.0	196.6
98	59.6	47.7	71.5



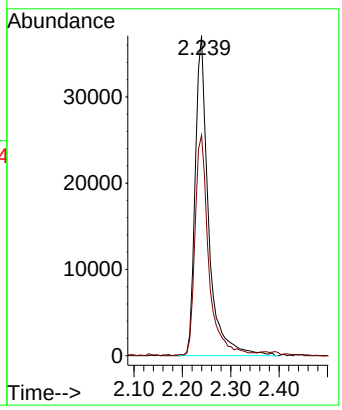


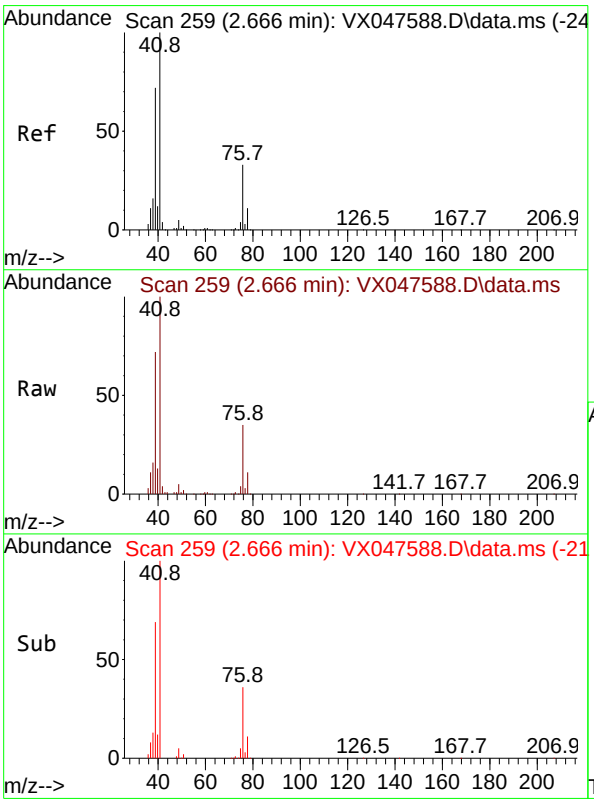
#13
Acrolein
Concen: 249.645 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 70721

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8

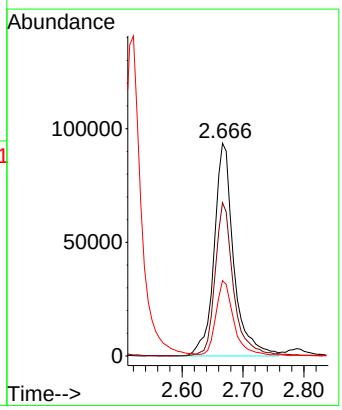


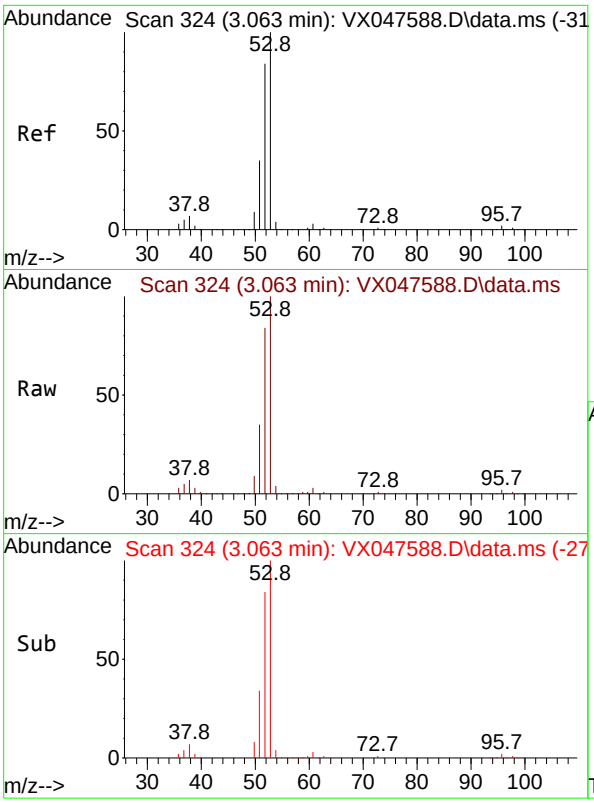


#14
Allyl chloride
Concen: 49.396 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 210001

Ion	Ratio	Lower	Upper
41	100		
39	68.4	54.7	82.1
76	32.1	25.7	38.5



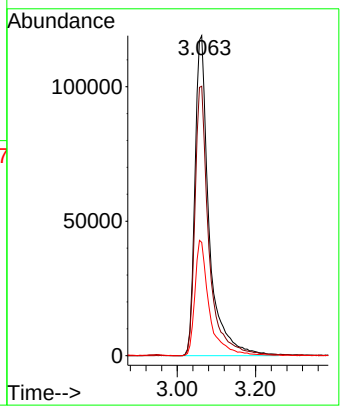


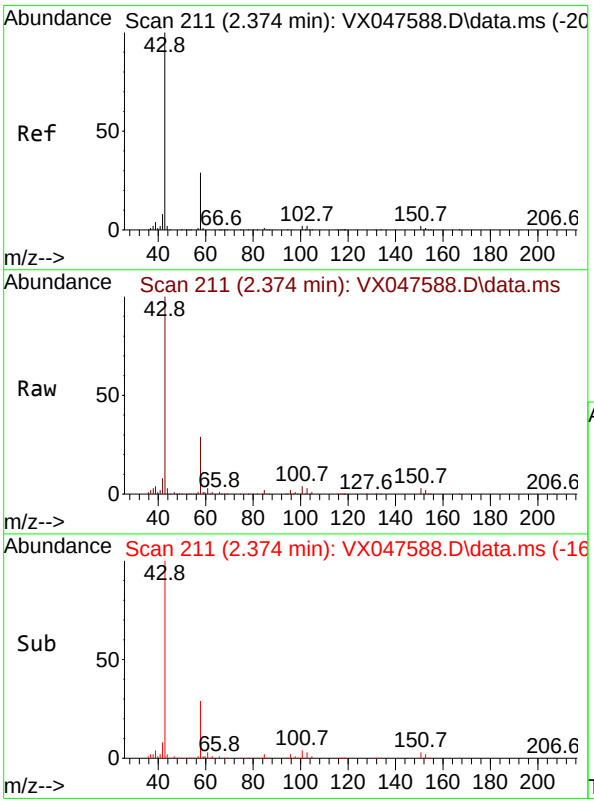
#15
Acrylonitrile
Concen: 264.027 ug/l
RT: 3.063 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 300642

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.4	99.6
51	36.9	29.5	44.3

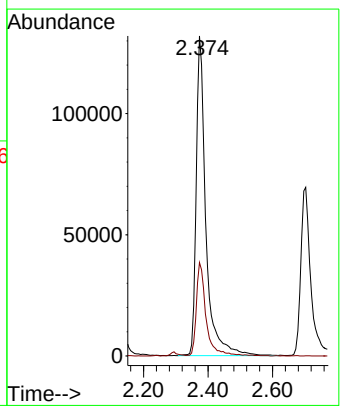


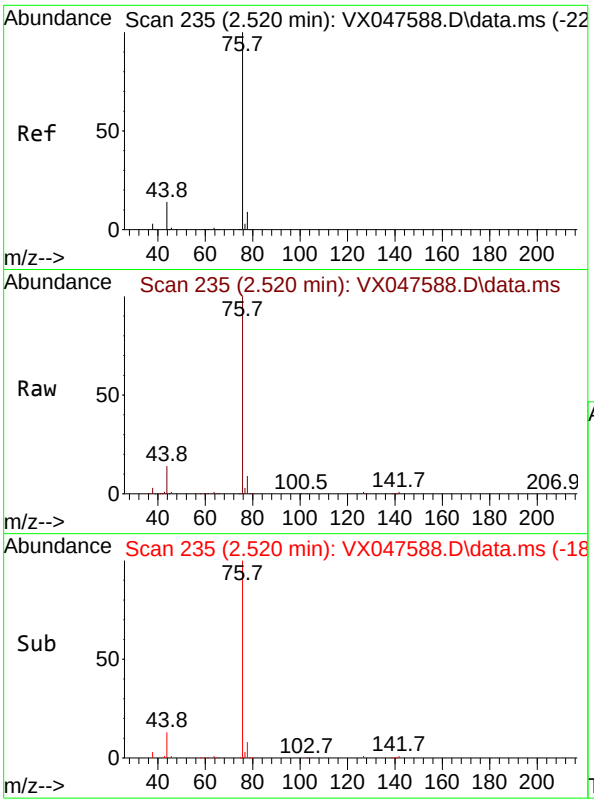


#16
Acetone
Concen: 229.193 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 275065

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.4	35.0



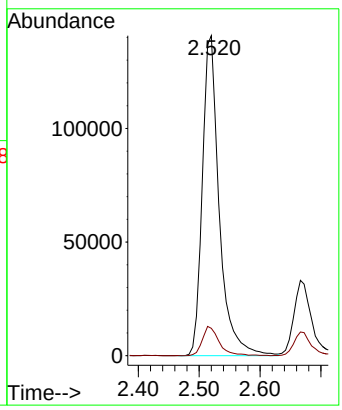


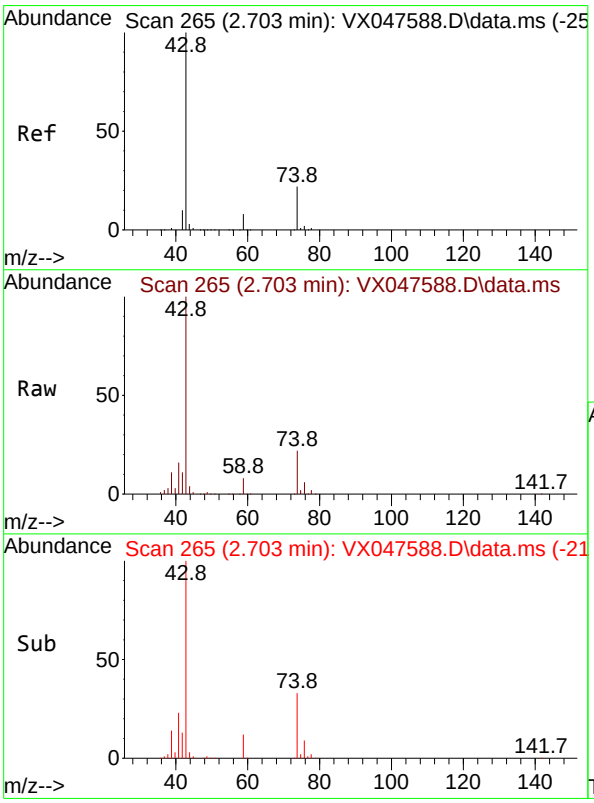
#17
Carbon Disulfide
Concen: 48.133 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 271480

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.8	10.2

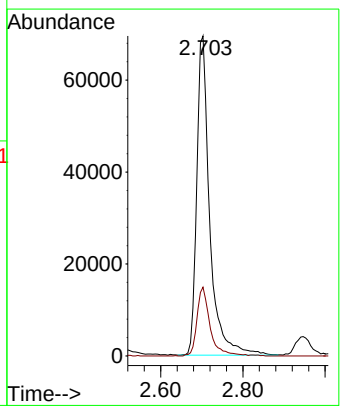


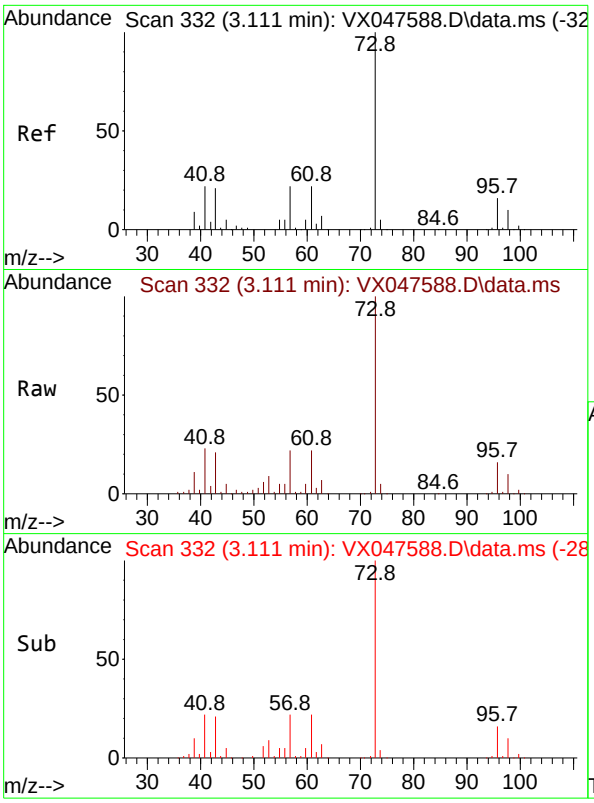


#18
Methyl Acetate
Concen: 56.897 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 151968

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2



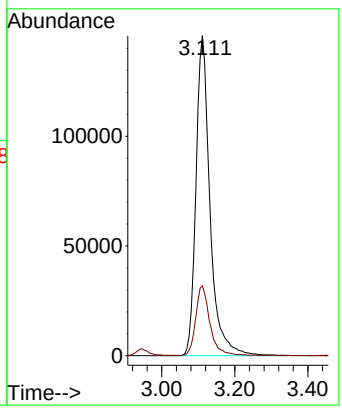


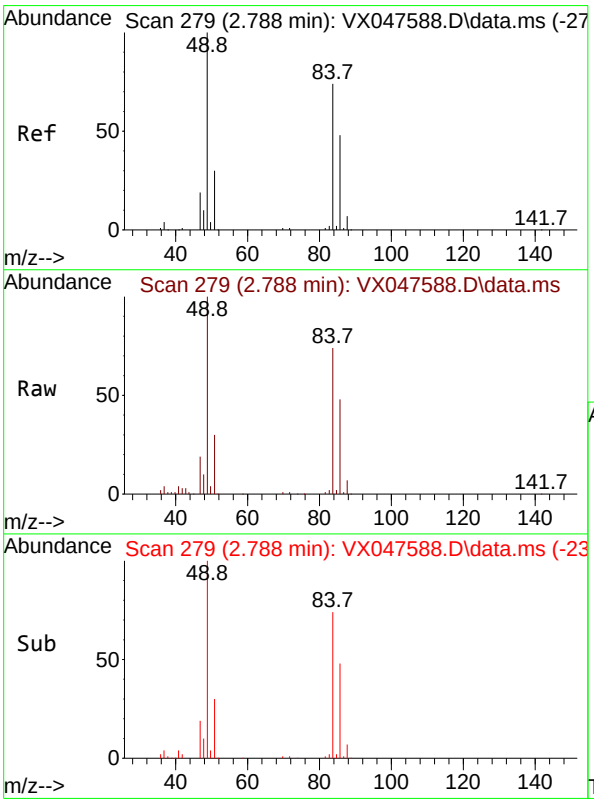
#19
Methyl tert-butyl Ether
Concen: 51.804 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 389607

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2

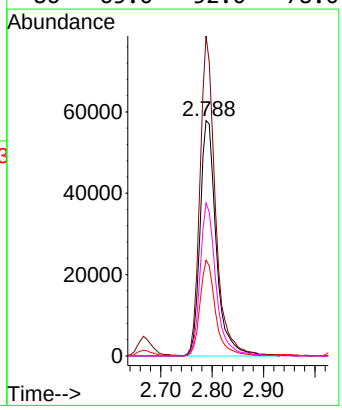


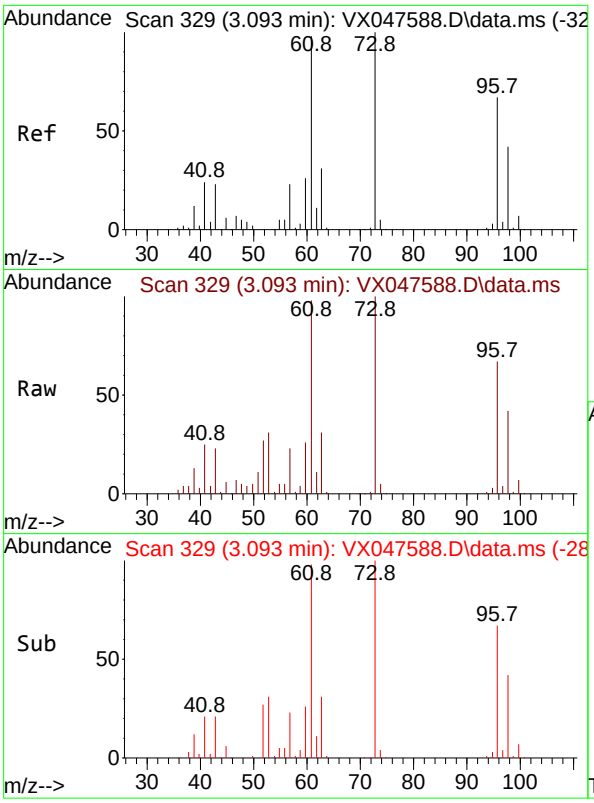


#20
Methylene Chloride
Concen: 49.798 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 84 Resp: 126506

Ion	Ratio	Lower	Upper
84	100		
49	135.7	108.6	162.8
51	40.7	32.6	48.8
86	65.0	52.0	78.0



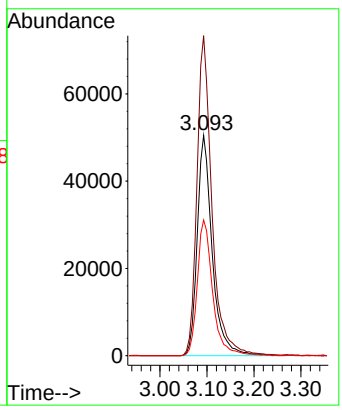


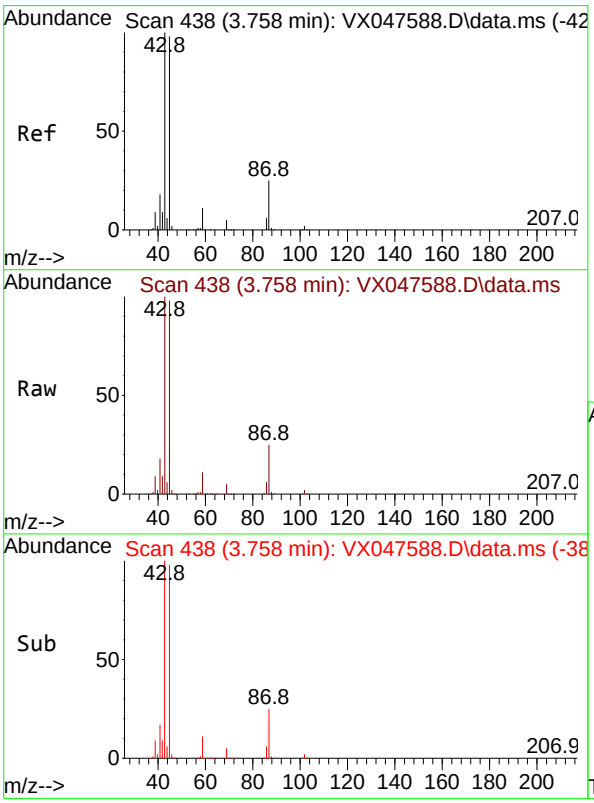
#21
trans-1,2-Dichloroethene
Concen: 50.743 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 112553

Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.2	174.2
98	61.6	49.3	73.9

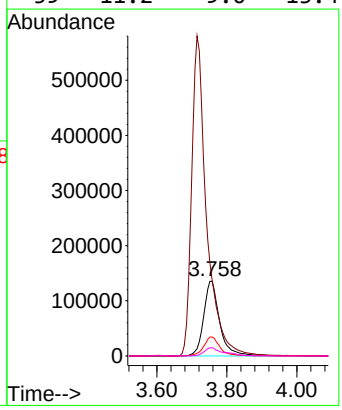


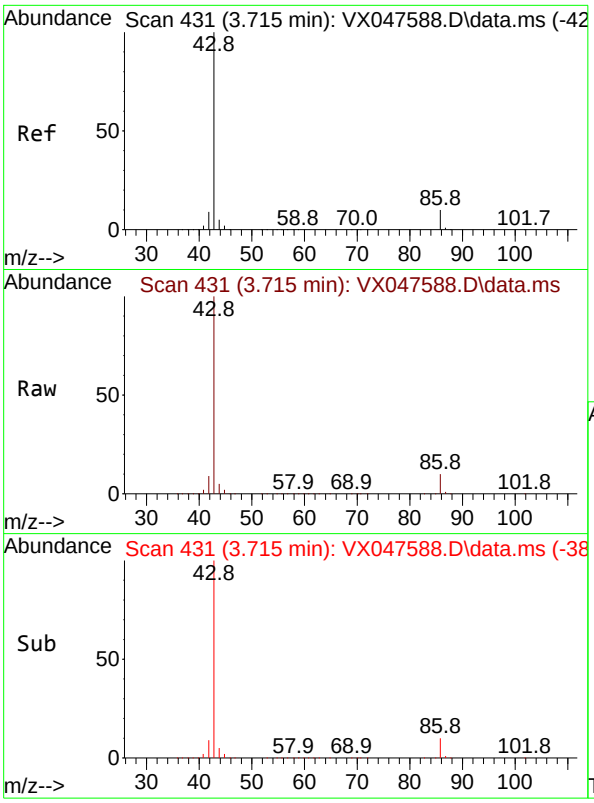


#22
Diisopropyl ether
Concen: 52.131 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 45 Resp: 429524

Ion	Ratio	Lower	Upper
45	100		
43	101.2	81.0	121.4
87	25.4	20.3	30.5
59	11.2	9.0	13.4



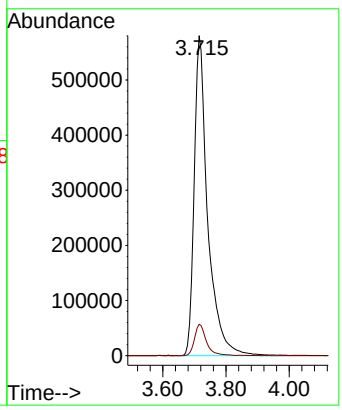


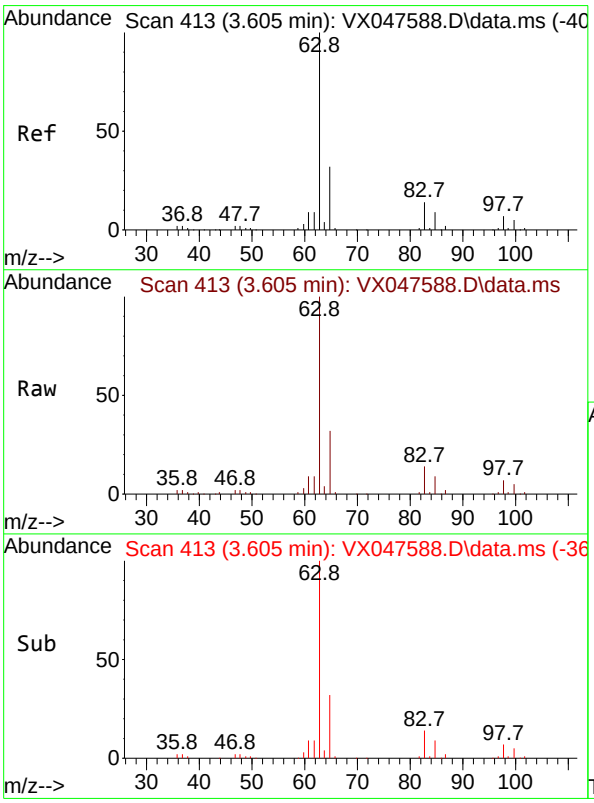
#23
Vinyl Acetate
Concen: 261.852 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1726735

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

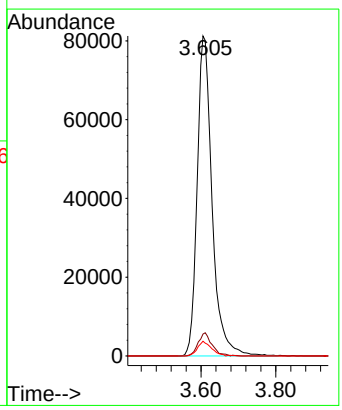


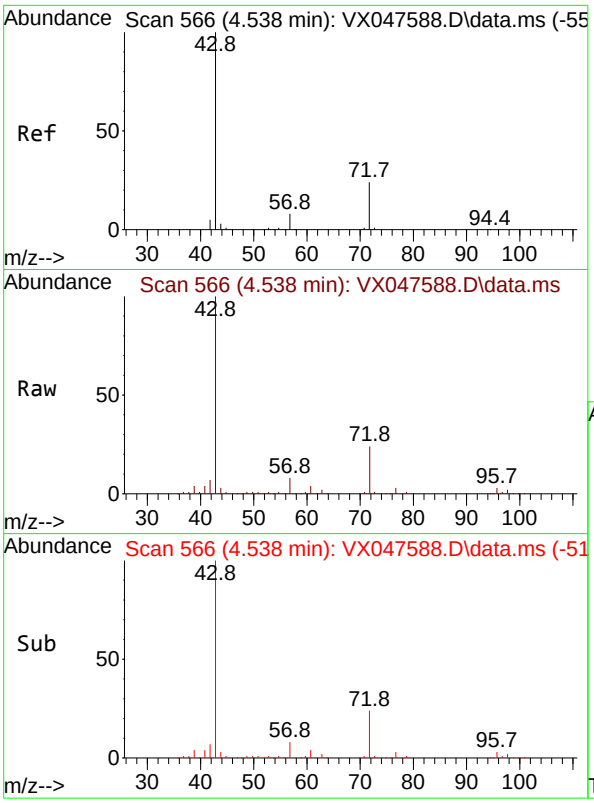


#24
1,1-Dichloroethane
Concen: 51.338 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 224824

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.2
100	4.6	2.3	6.9



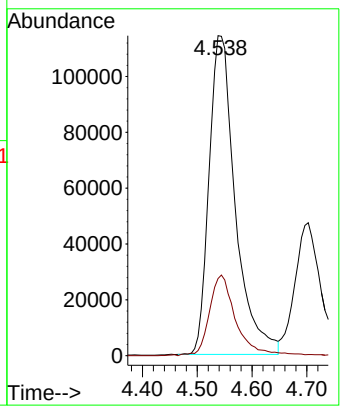


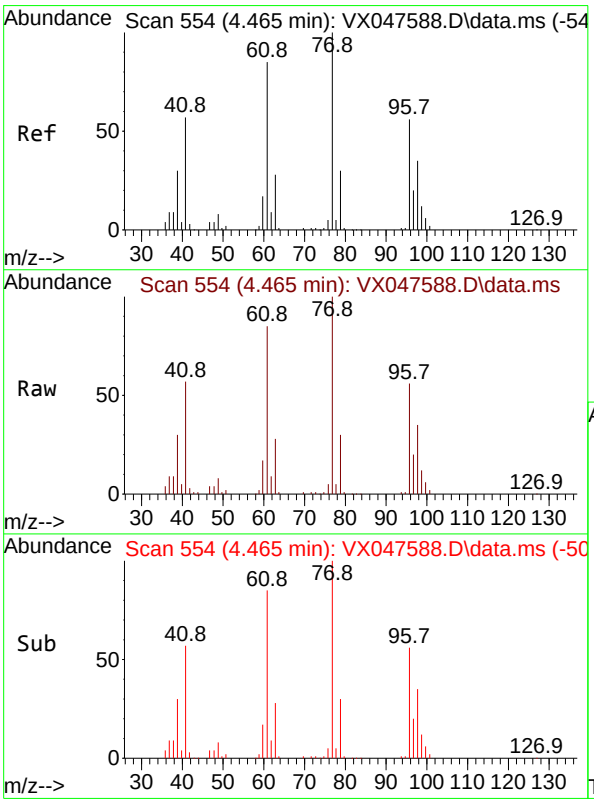
#25
2-Butanone
Concen: 254.060 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 380335

Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.1	30.1

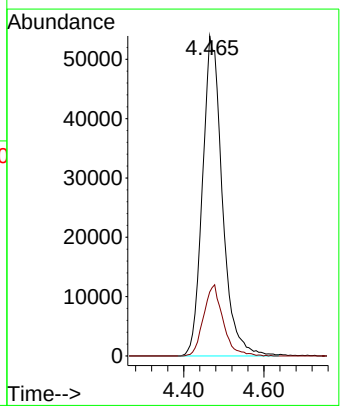


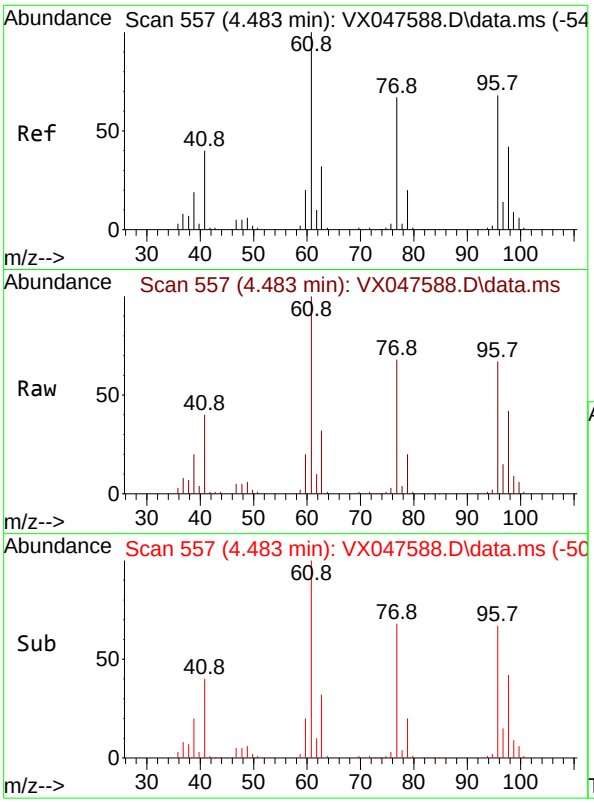


#26
2,2-Dichloropropane
Concen: 50.888 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 77 Resp: 185247

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.9	32.7



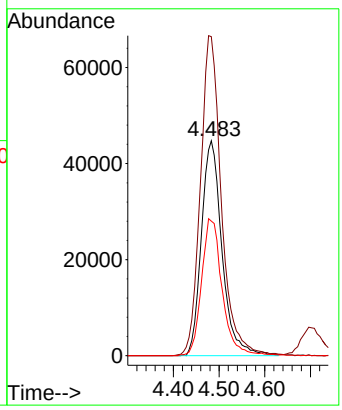


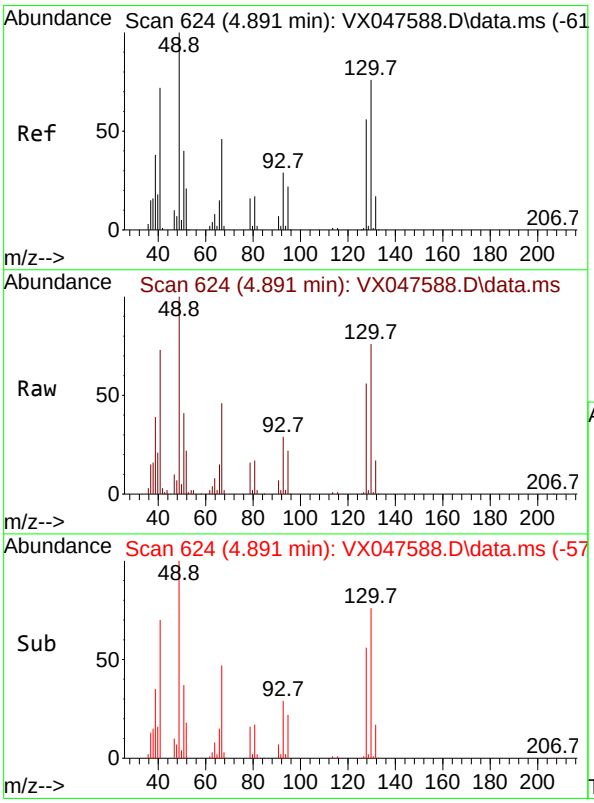
#27
cis-1,2-Dichloroethene
Concen: 51.576 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 140105

Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	303.2
98	63.9	0.0	127.8

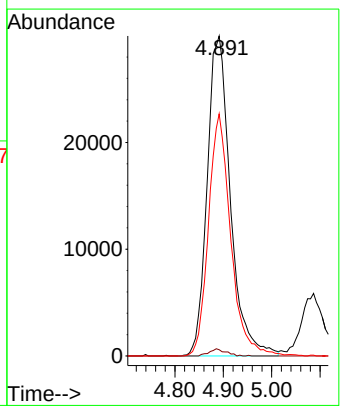


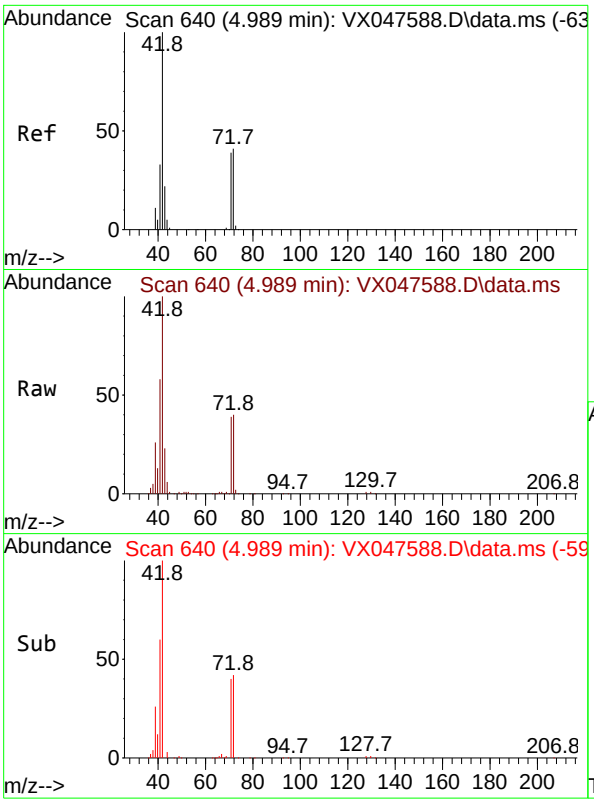


#28
Bromochloromethane
Concen: 52.301 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 49 Resp: 99991

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	72.3	57.8	86.8



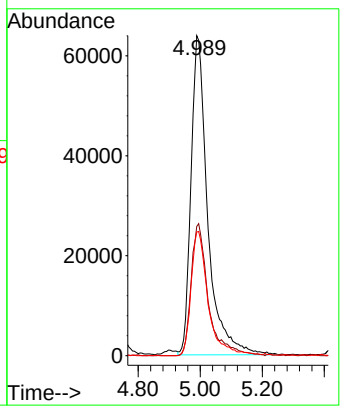


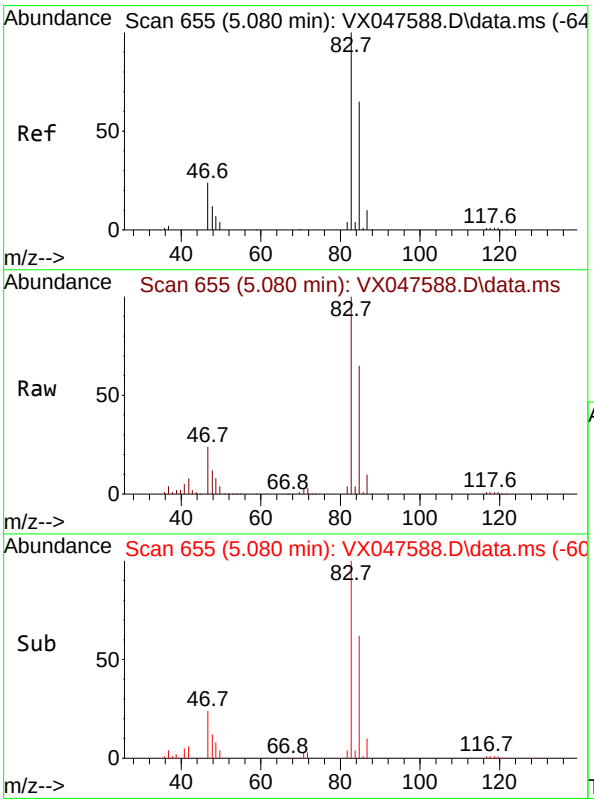
#29
Tetrahydrofuran
Concen: 265.026 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 238677

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	39.9	31.9	47.9

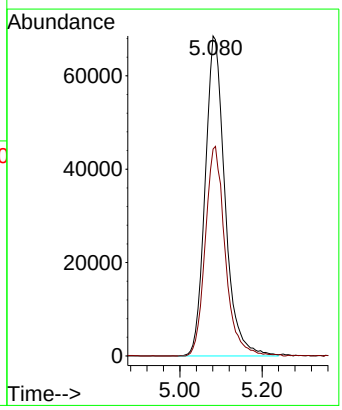


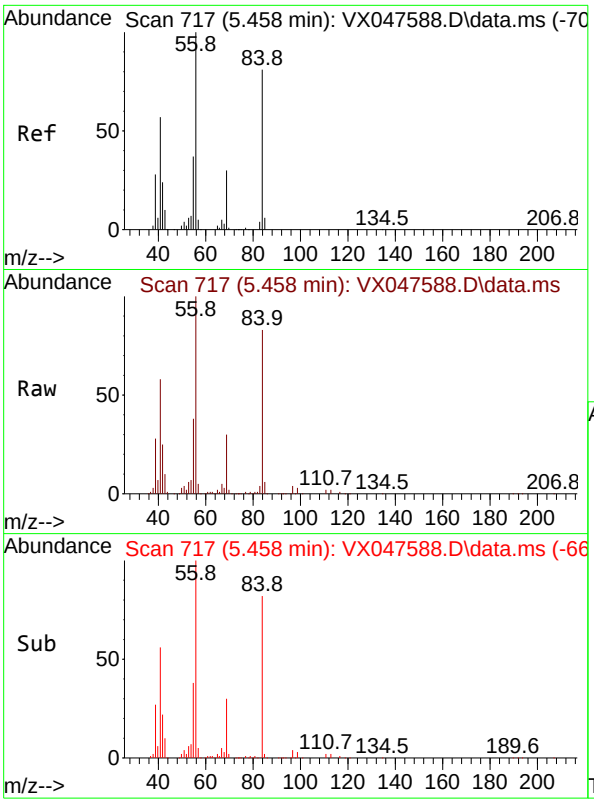


#30
Chloroform
Concen: 51.844 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 229430

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6



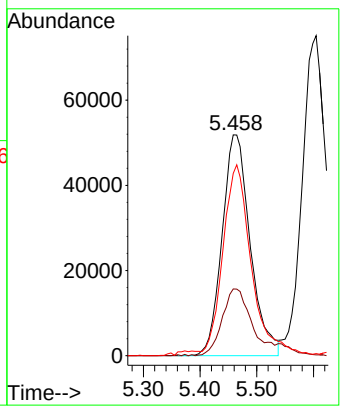


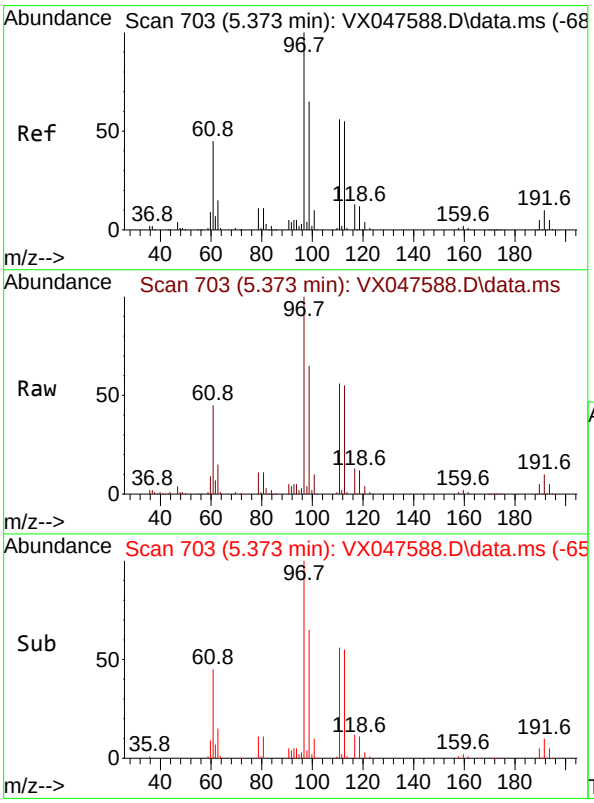
#31
Cyclohexane
Concen: 48.952 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 178546

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.8	35.8
84	80.8	64.6	97.0

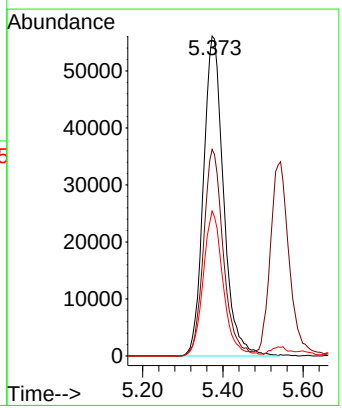


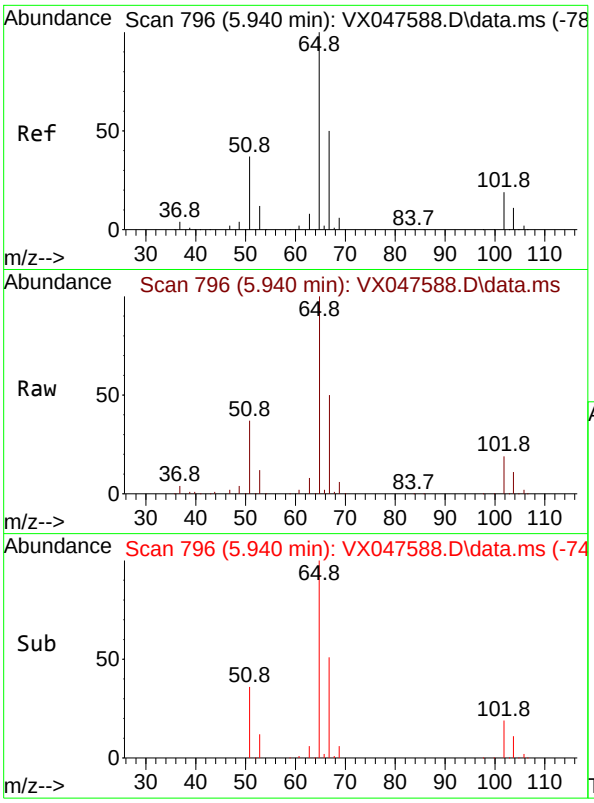


#32
1,1,1-Trichloroethane
Concen: 52.058 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 97 Resp: 195407

Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.6	76.0
61	44.8	35.8	53.8



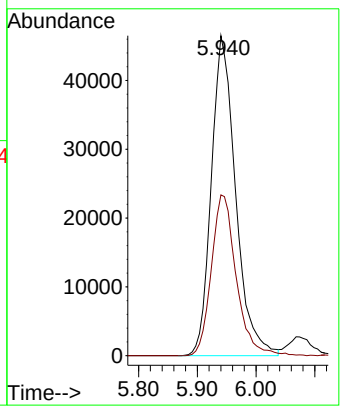


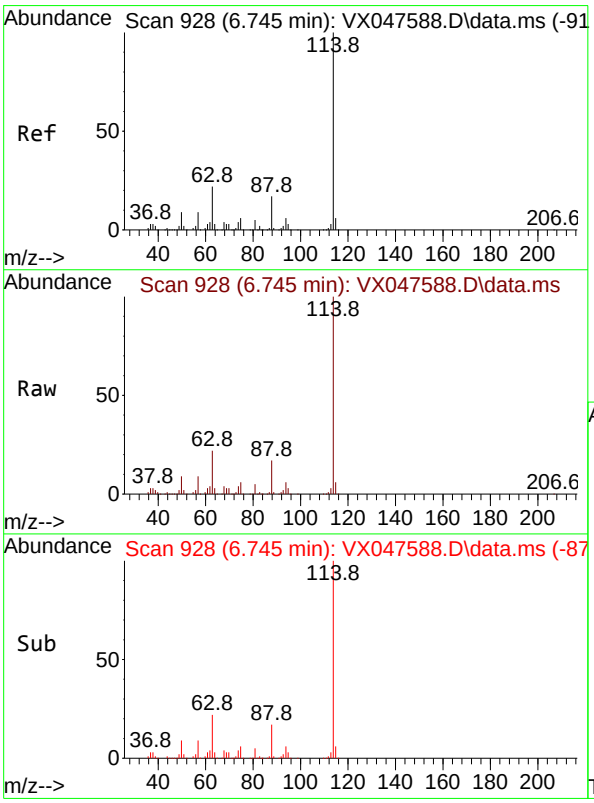
#33
1,2-Dichloroethane-d4
Concen: 48.404 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 133606

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0

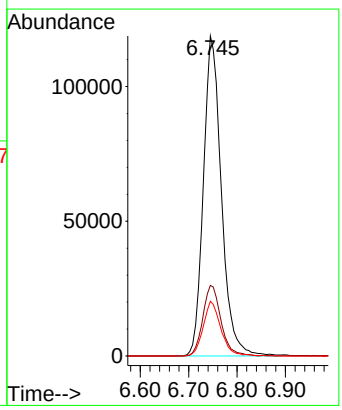


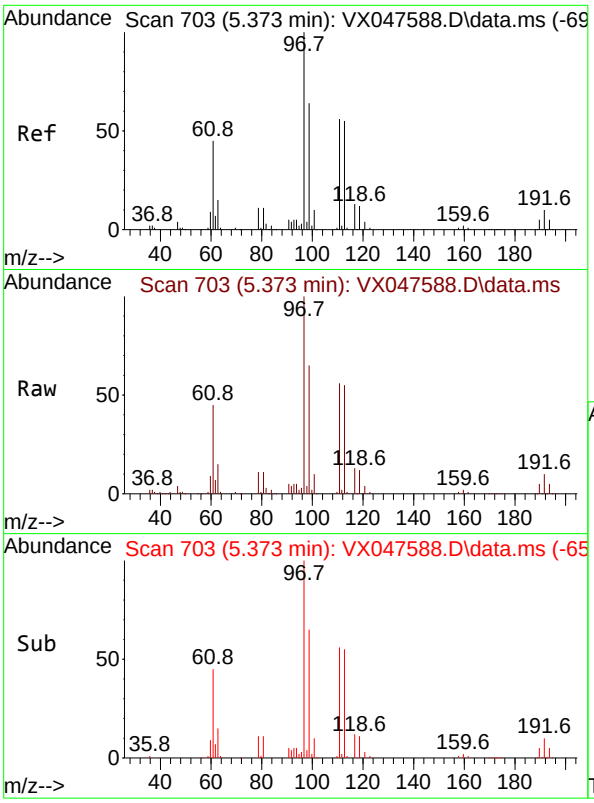


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:114 Resp: 307383

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	17.1	0.0	34.2



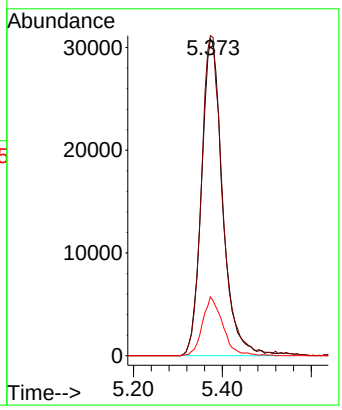


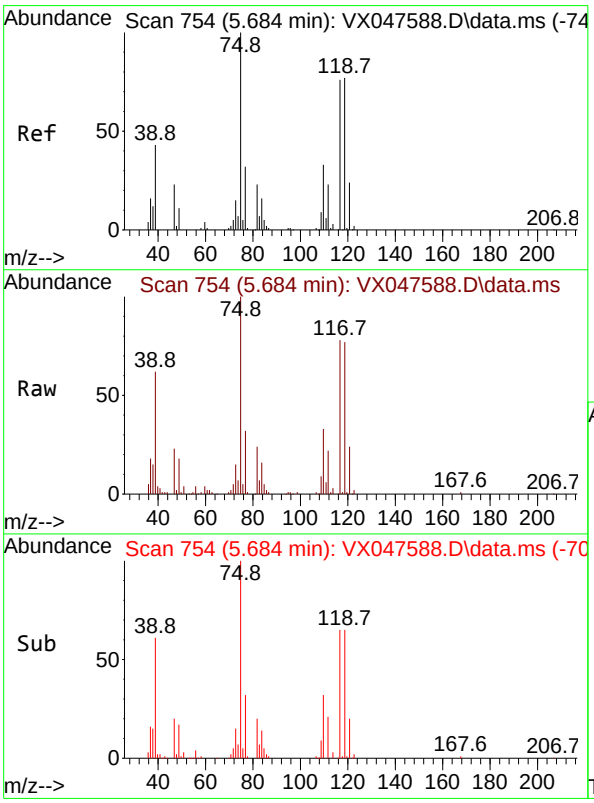
#35
Dibromofluoromethane
Concen: 49.298 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 101627

Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.9	121.3
192	17.8	14.2	21.4

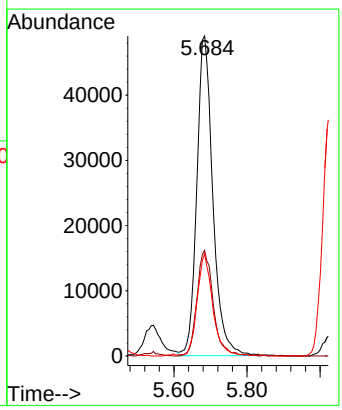


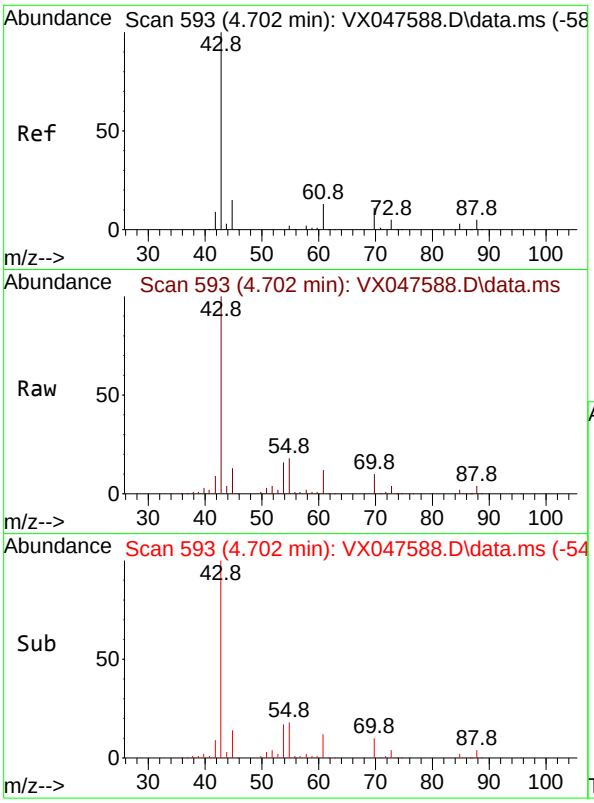


#36
1,1-Dichloropropene
Concen: 49.729 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 149800

Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.7	50.1
77	30.4	24.3	36.5



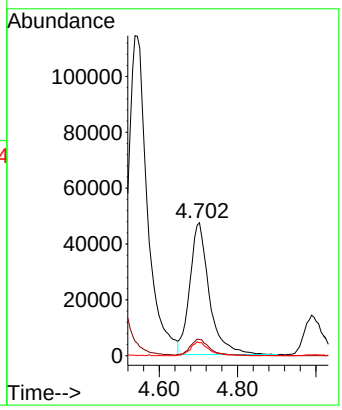


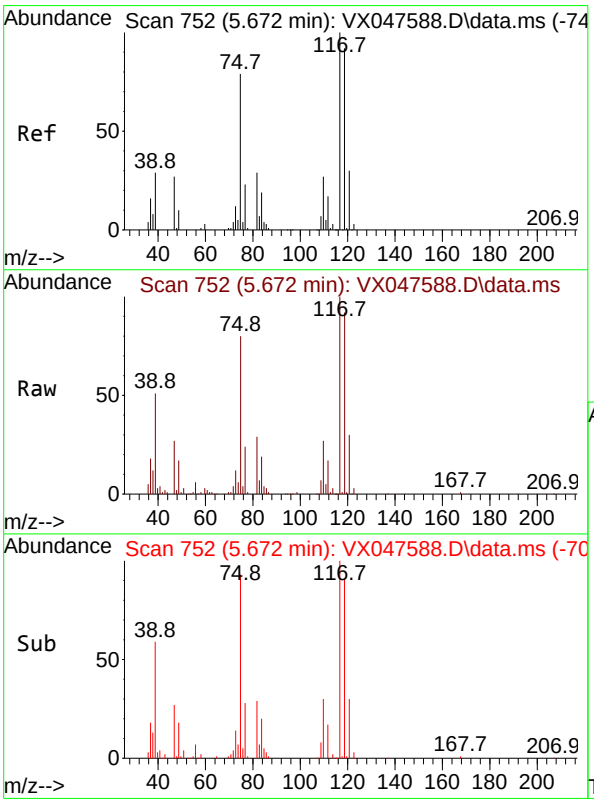
#37
Ethyl Acetate
Concen: 50.687 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 163482

Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.8	14.8
70	9.9	7.9	11.9

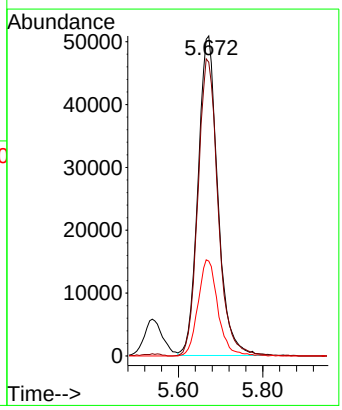


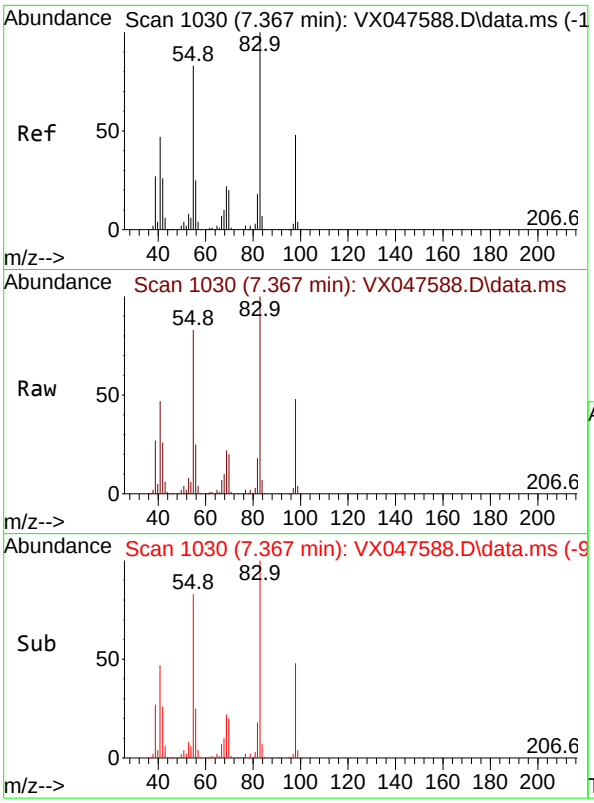


#38
Carbon Tetrachloride
Concen: 50.637 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 165730

Ion	Ratio	Lower	Upper
117	100		
119	91.8	73.4	110.2
121	29.7	23.8	35.6



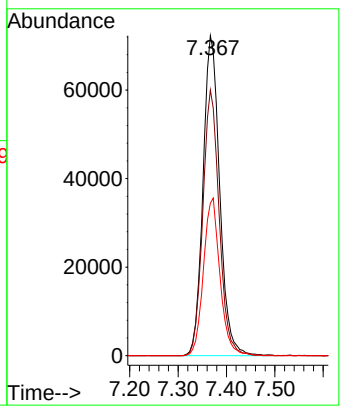


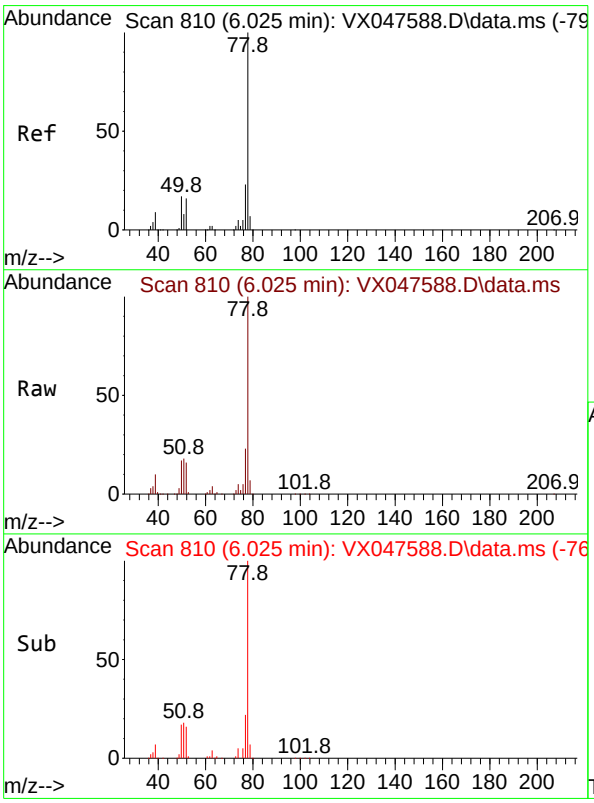
#39
Methylcyclohexane
Concen: 50.773 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 173610

Ion	Ratio	Lower	Upper
83	100		
55	83.0	66.4	99.6
98	47.6	38.1	57.1

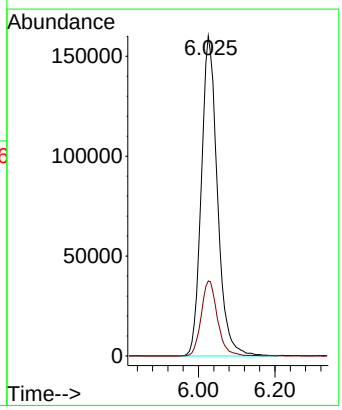


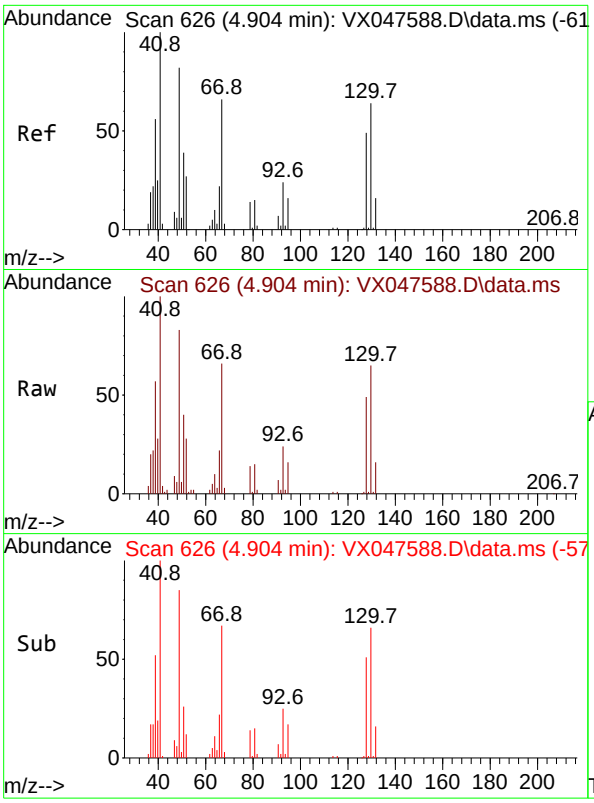


#40
Benzene
Concen: 51.167 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 78 Resp: 468136

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



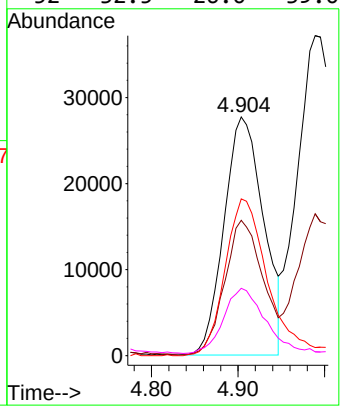


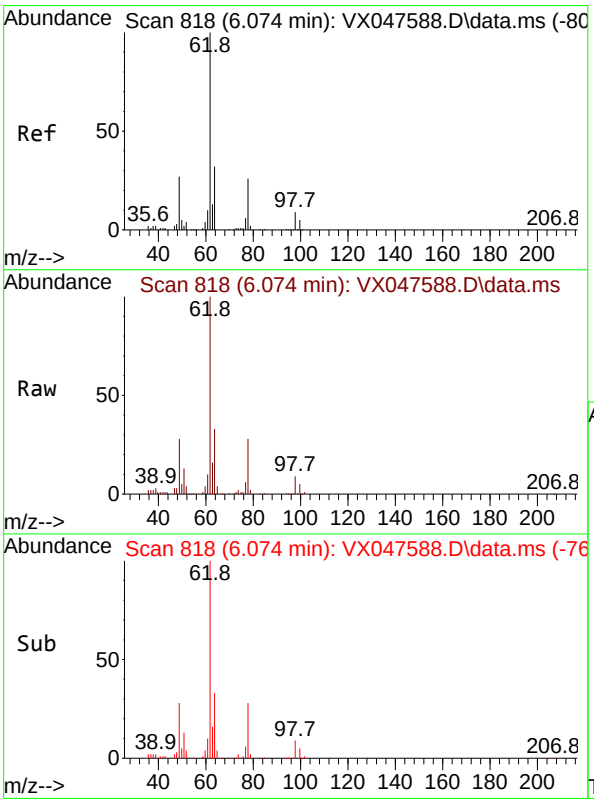
#41
Methacrylonitrile
Concen: 52.707 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 87761

Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.3	64.9
67	73.2	58.6	87.8
52	32.5	26.0	39.0

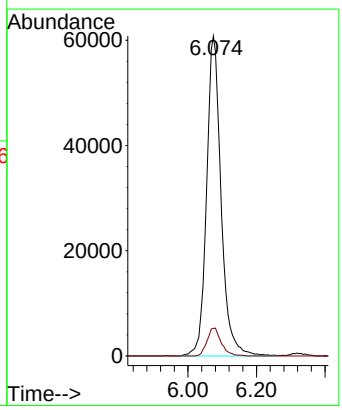


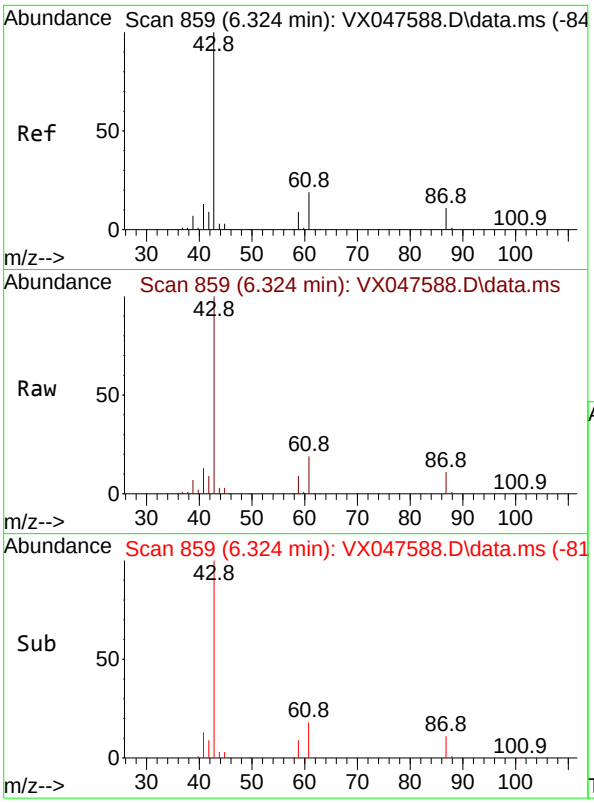


#42
1,2-Dichloroethane
Concen: 51.431 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 179037

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0



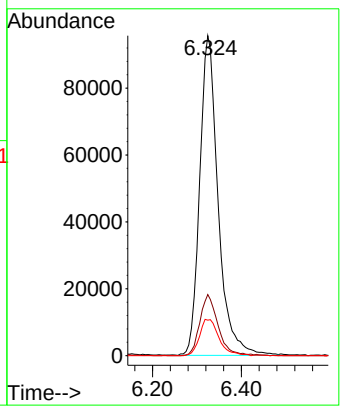


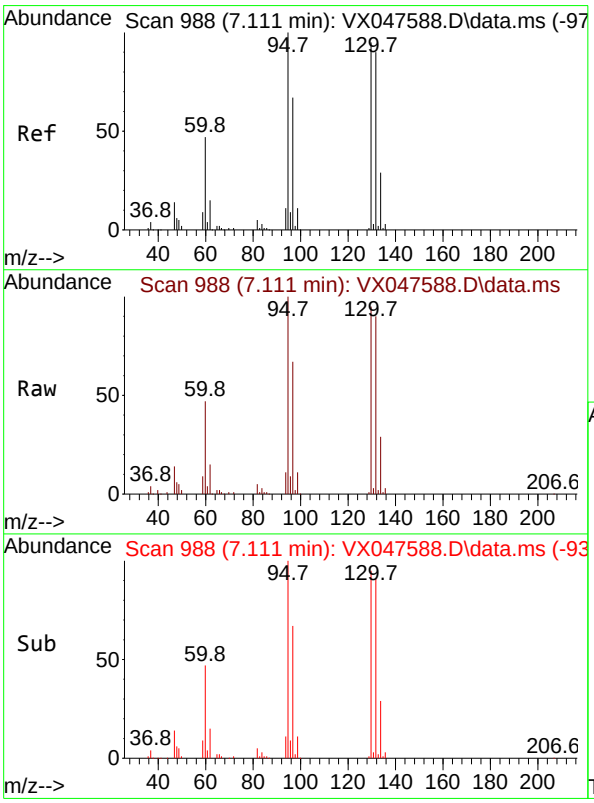
#43
Isopropyl Acetate
Concen: 52.096 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 275572

Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.0	9.6	14.4

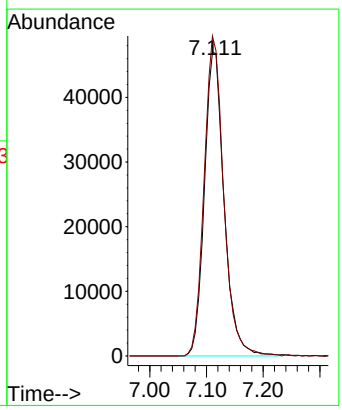


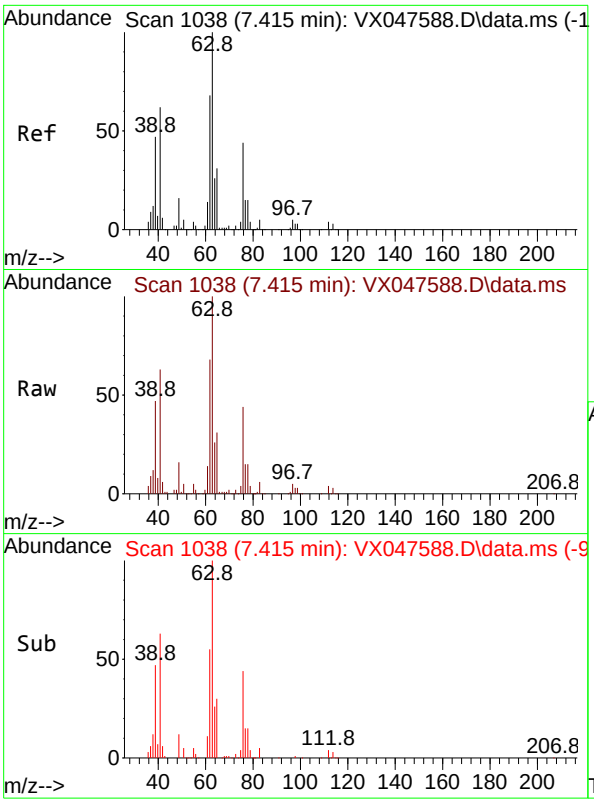


#44
Trichloroethene
Concen: 51.463 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:130 Resp: 113832

Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	210.8



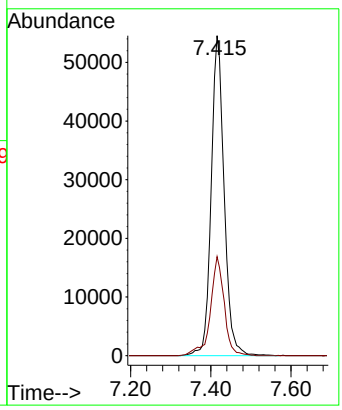


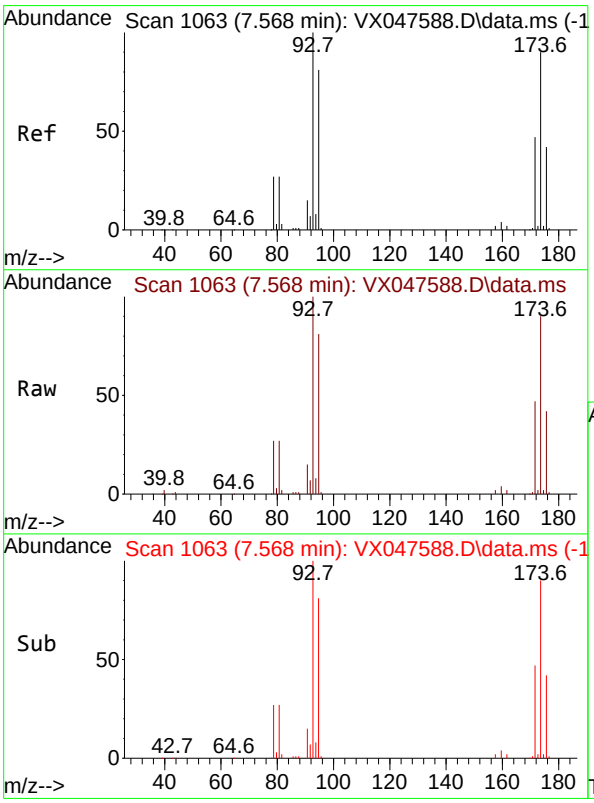
#45
1,2-Dichloropropane
Concen: 52.122 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 122109

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

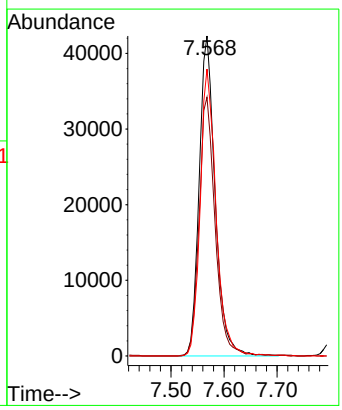


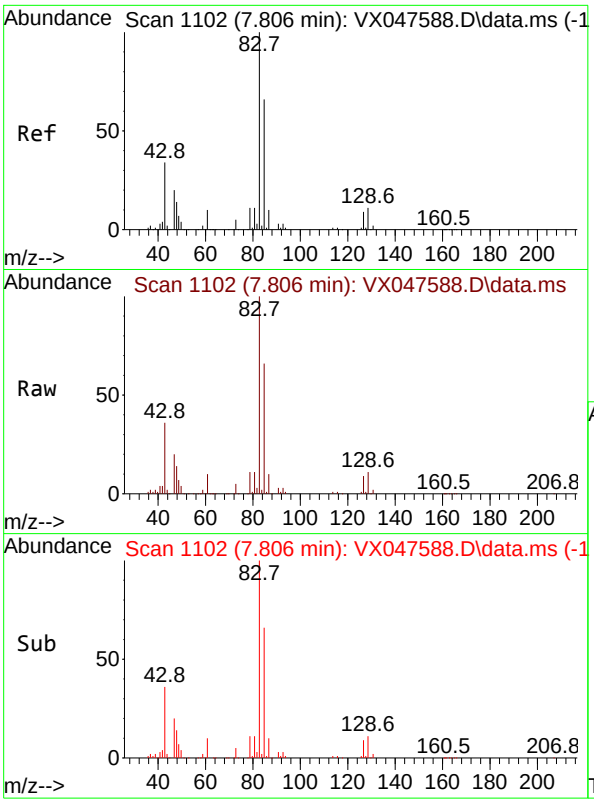


#46
Dibromomethane
Concen: 51.914 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 93 Resp: 88505

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.0	97.6
174	89.5	71.6	107.4



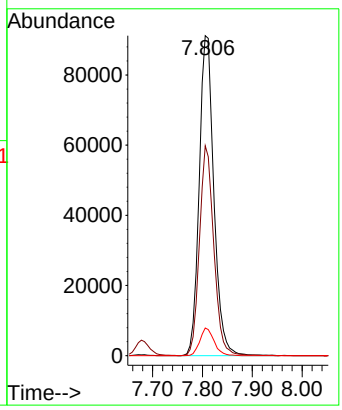


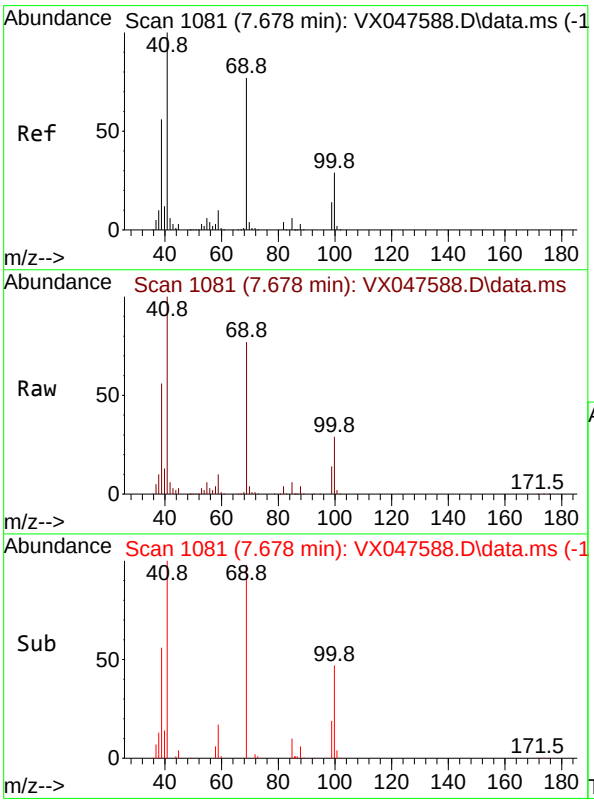
#47
Bromodichloromethane
Concen: 53.025 ug/l
RT: 7.806 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 186540

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7
127	8.6	6.9	10.3

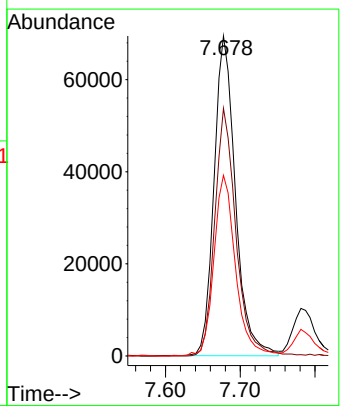


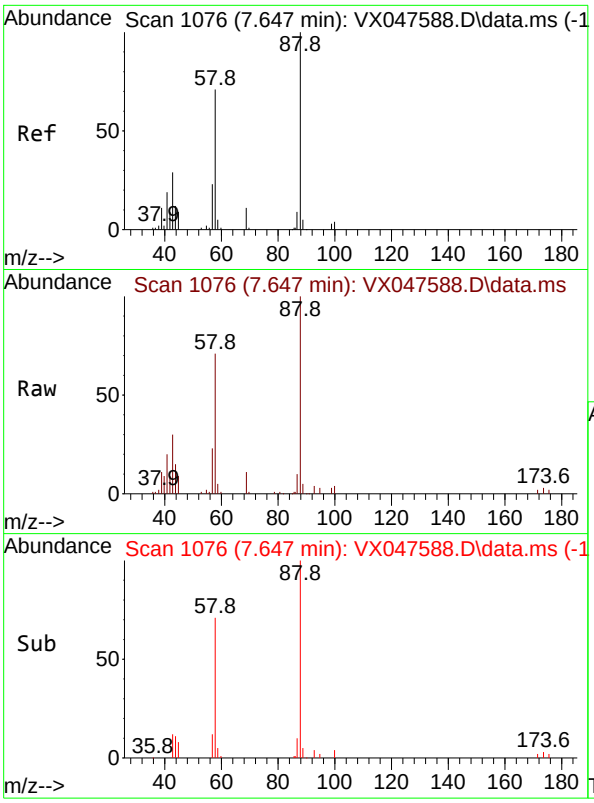


#48
Methyl methacrylate
Concen: 52.438 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 138167

Ion	Ratio	Lower	Upper
41	100		
69	76.8	61.4	92.2
39	57.2	45.8	68.6



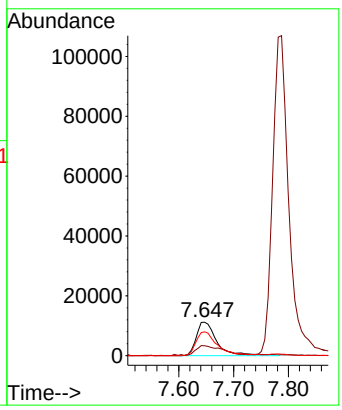


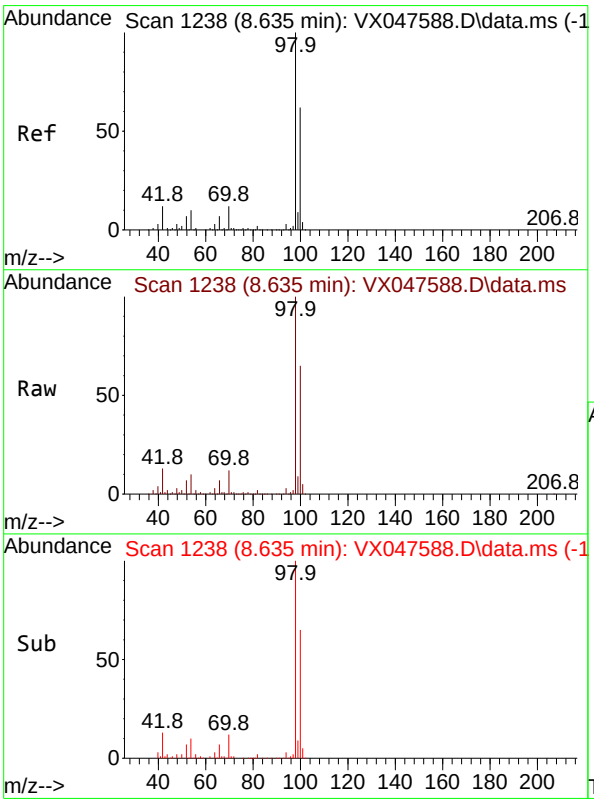
#49
1,4-Dioxane
Concen: 1107.698 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 29496

Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.2	45.2
58	74.4	59.5	89.3

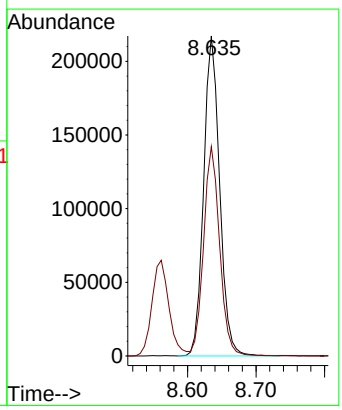


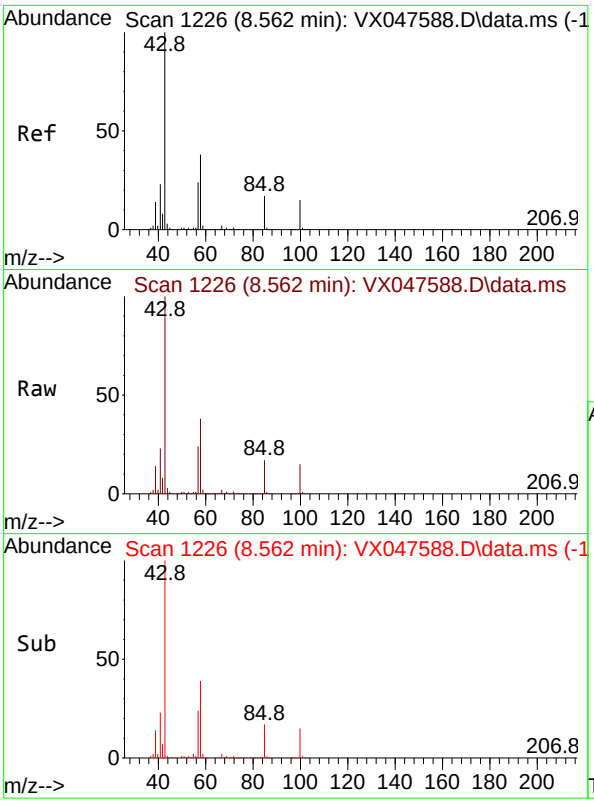


#50
Toluene-d8
Concen: 49.428 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 98 Resp: 352578

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



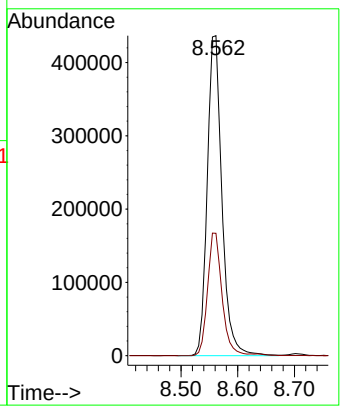


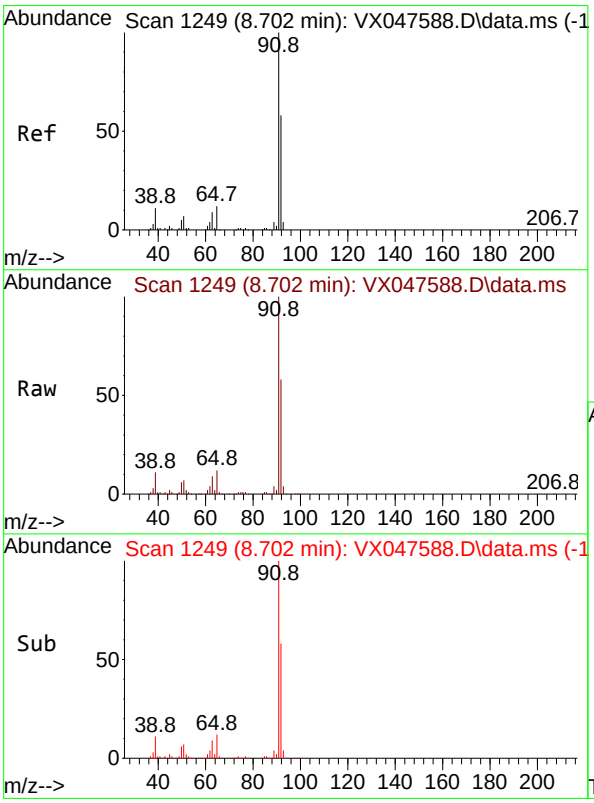
#51
4-Methyl-2-Pentanone
Concen: 267.650 ug/l
RT: 8.562 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 784978

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5

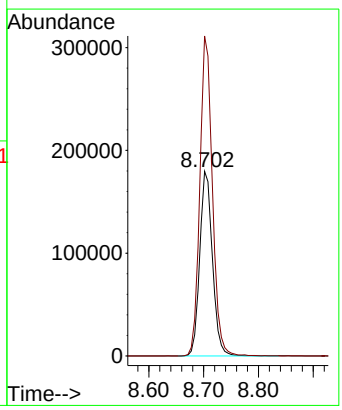


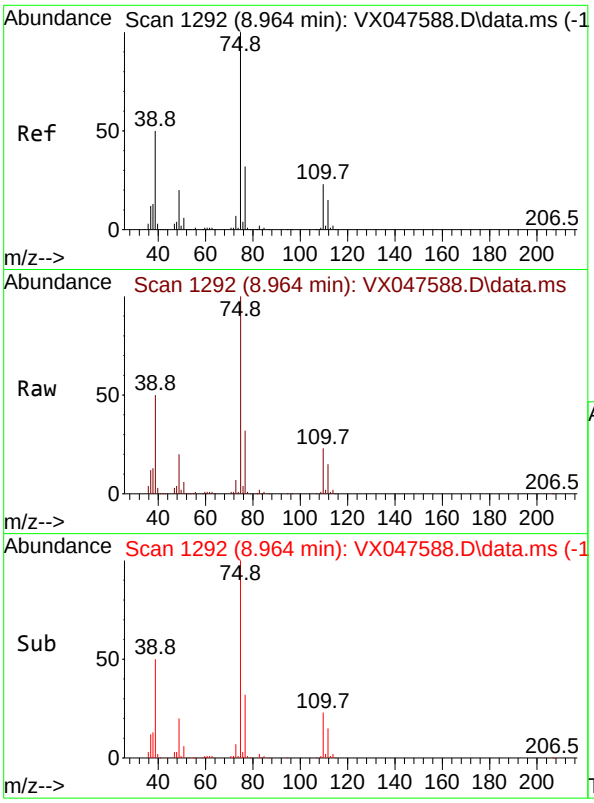


#52
Toluene
Concen: 51.244 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 92 Resp: 288853

Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.1	205.7



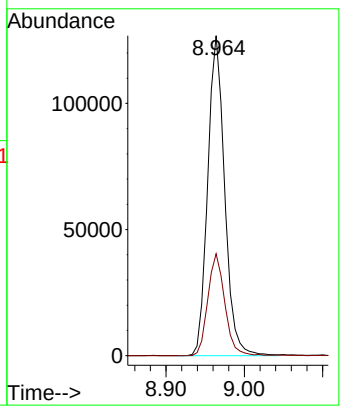


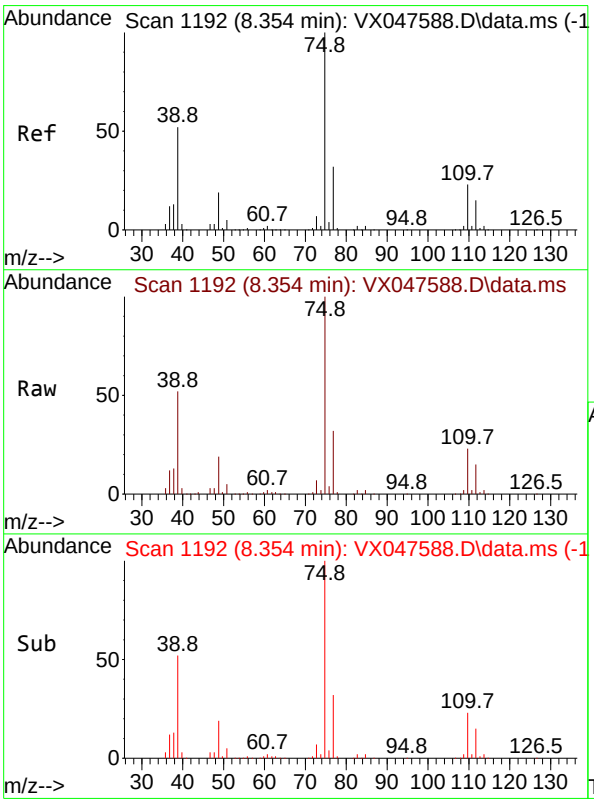
#53
t-1,3-Dichloropropene
Concen: 53.027 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 190282

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2

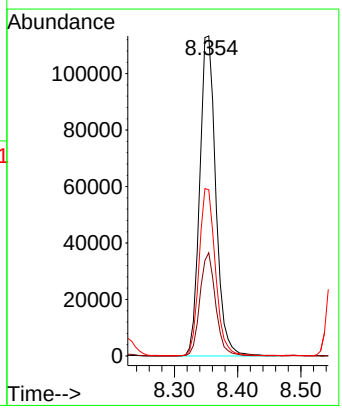


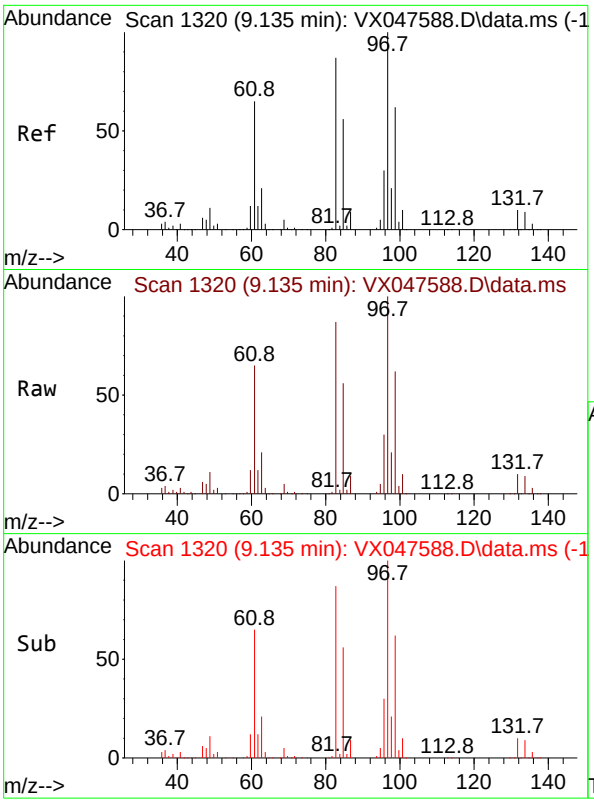


#54
cis-1,3-Dichloropropene
Concen: 52.369 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 200859

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	51.8	41.4	62.2



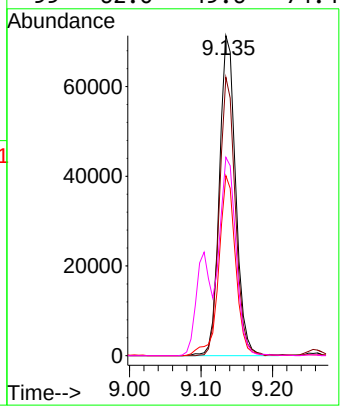


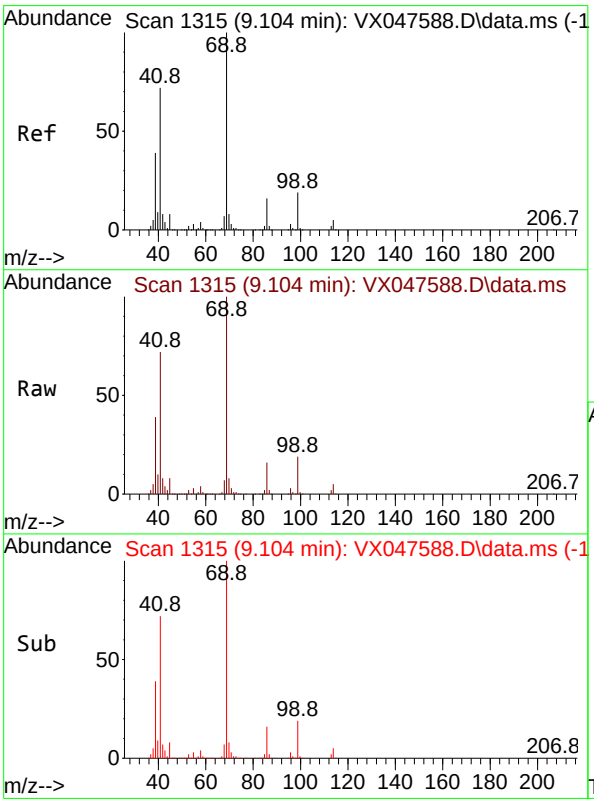
#55
1,1,2-Trichloroethane
Concen: 51.915 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 112837

Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.6	104.4
85	56.3	45.0	67.6
99	62.0	49.6	74.4

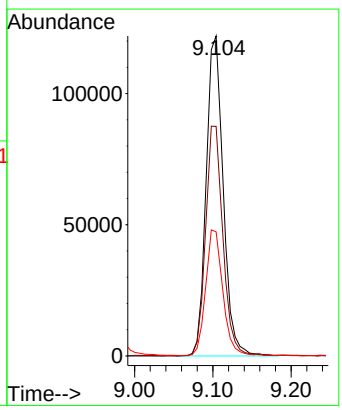


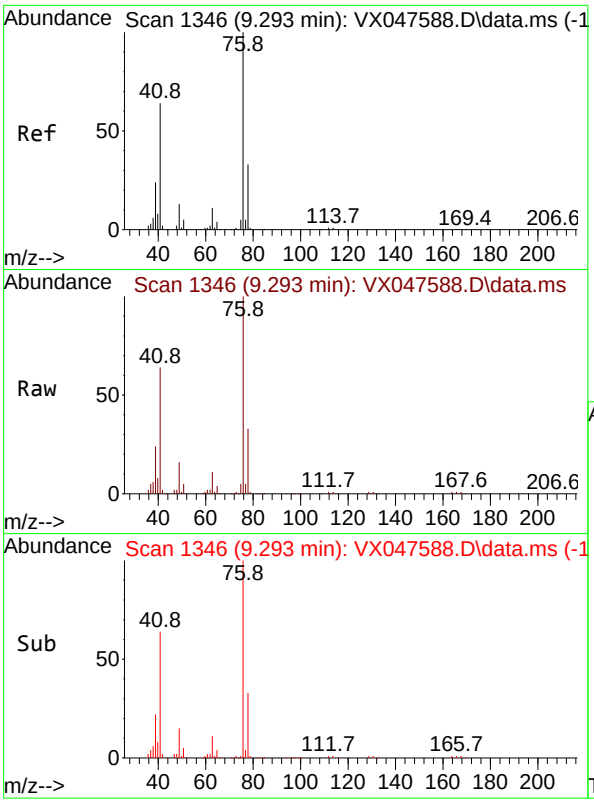


#56
Ethyl methacrylate
Concen: 53.930 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 69 Resp: 184087

Ion	Ratio	Lower	Upper
69	100		
41	73.2	58.6	87.8
39	39.4	31.5	47.3



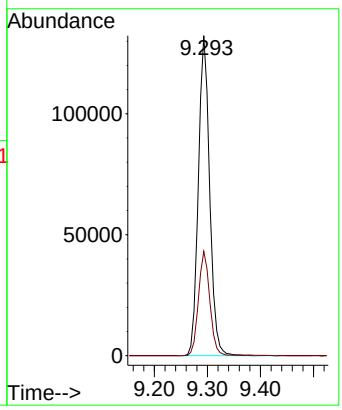


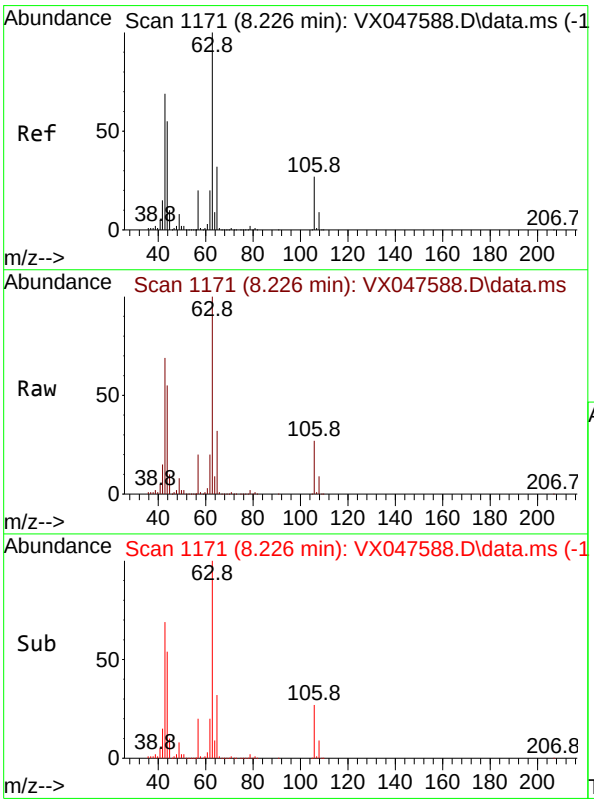
#57
1,3-Dichloropropane
Concen: 52.492 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 195989

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4

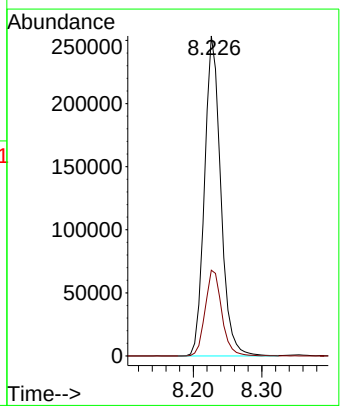


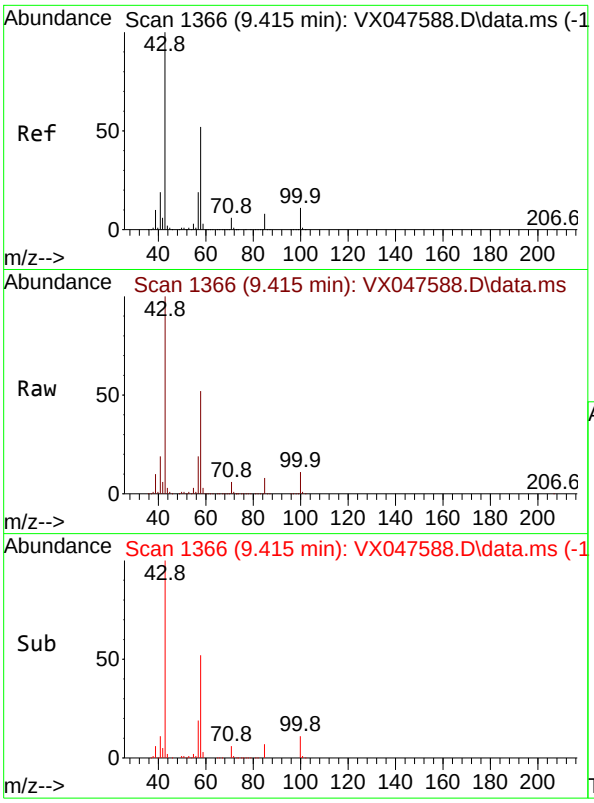


#58
2-Chloroethyl Vinyl ether
Concen: 256.309 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 418707

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.9	32.9



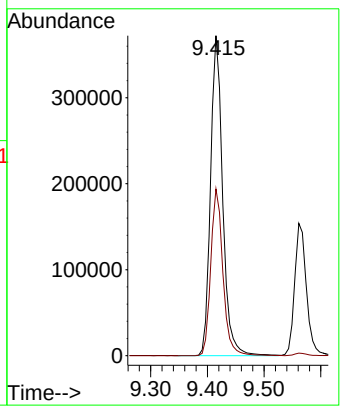


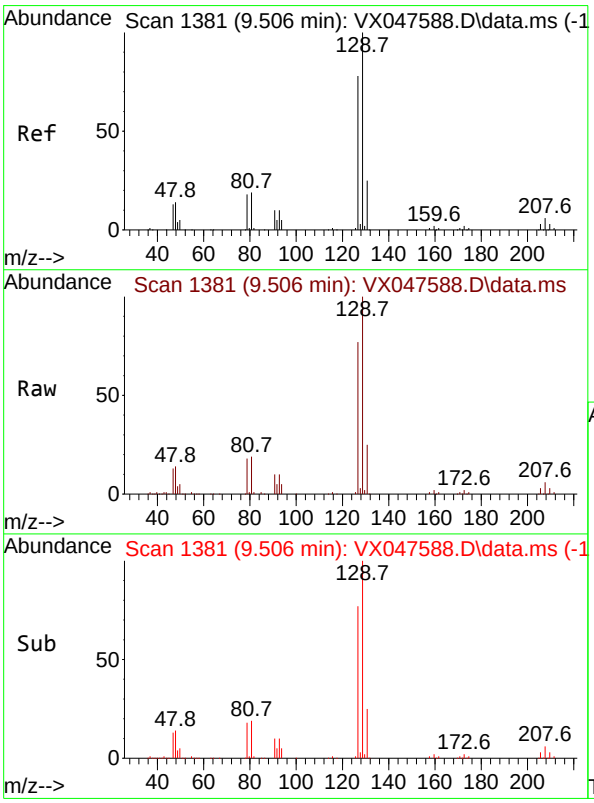
#59
2-Hexanone
Concen: 262.683 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 553313

Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.1	78.2

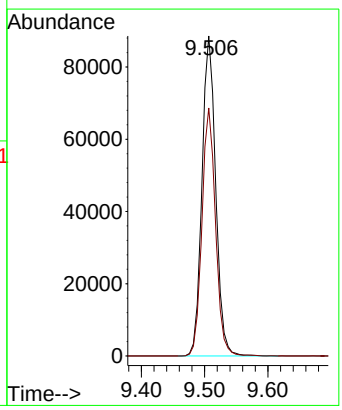


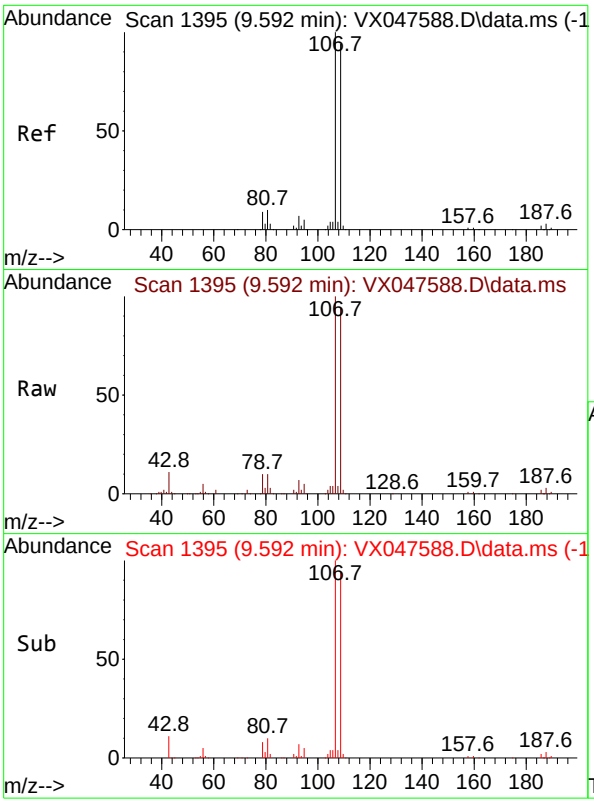


#60
Dibromochloromethane
Concen: 53.401 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:129 Resp: 133737

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2



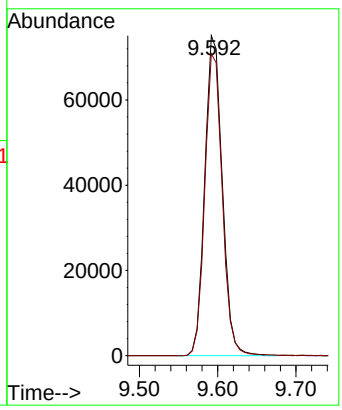


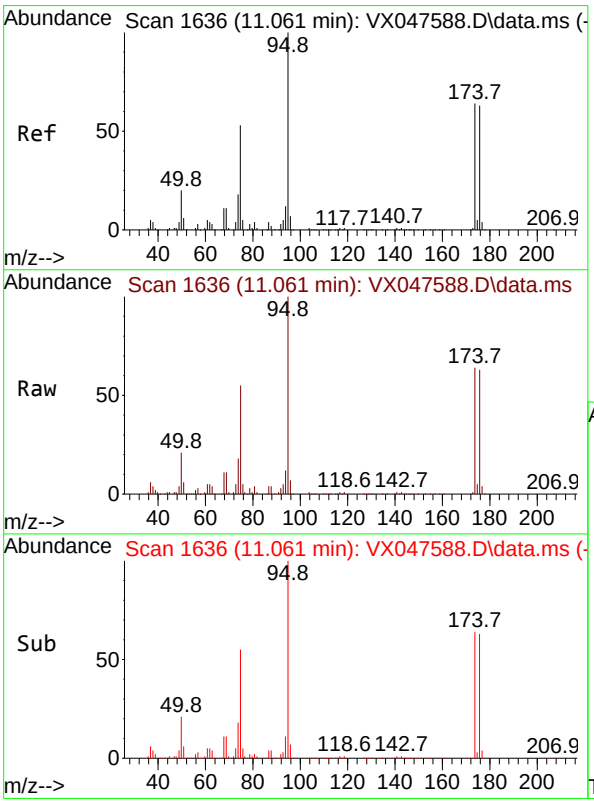
#61
1,2-Dibromoethane
Concen: 52.607 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 116462

Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.3	112.9

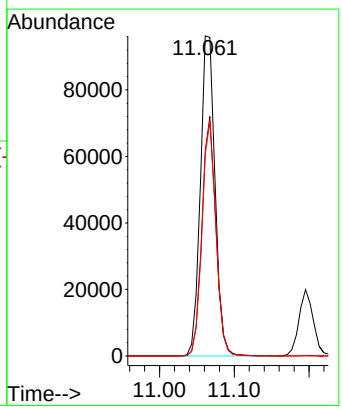


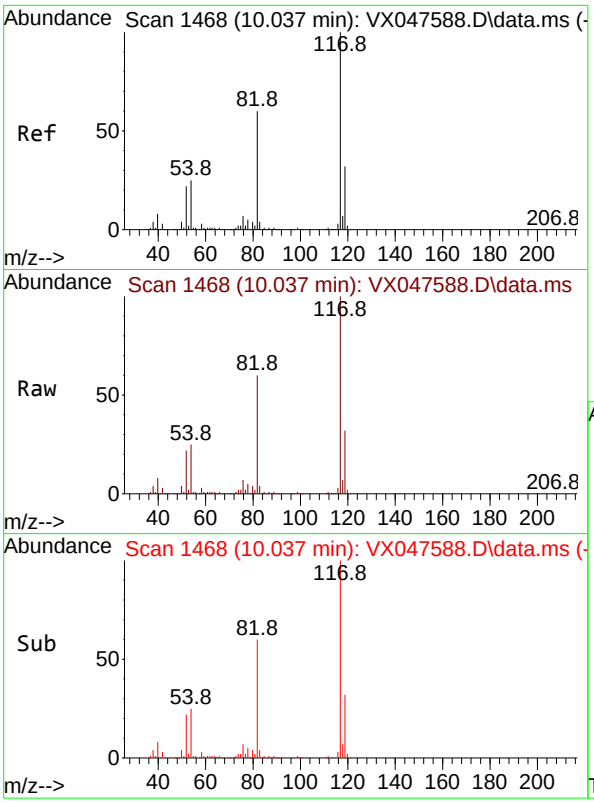


#62
4-Bromofluorobenzene
Concen: 48.471 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 95 Resp: 131217

Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	141.6
176	69.2	0.0	138.4



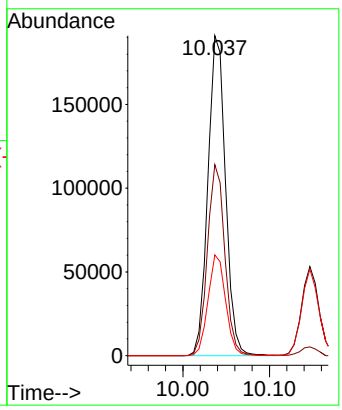


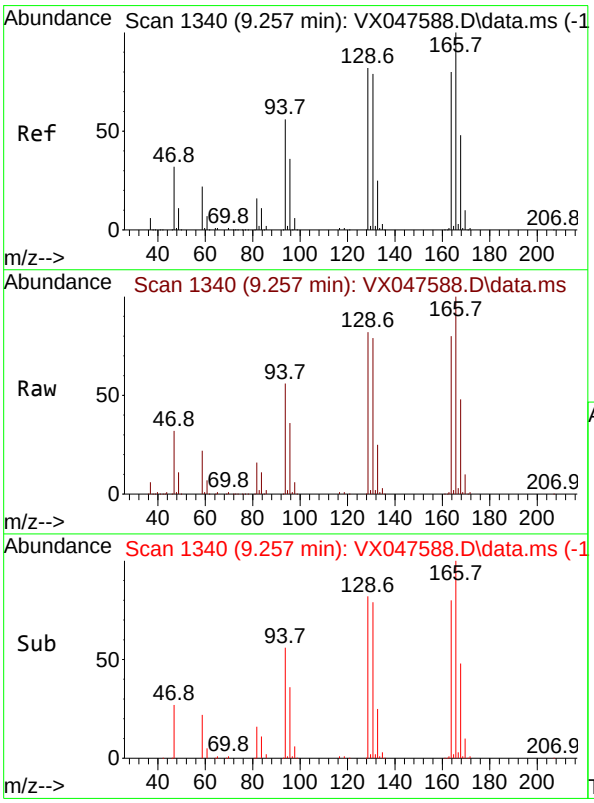
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 270040

Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.8	71.6
119	31.5	25.2	37.8

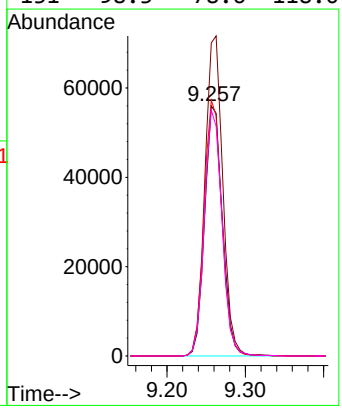


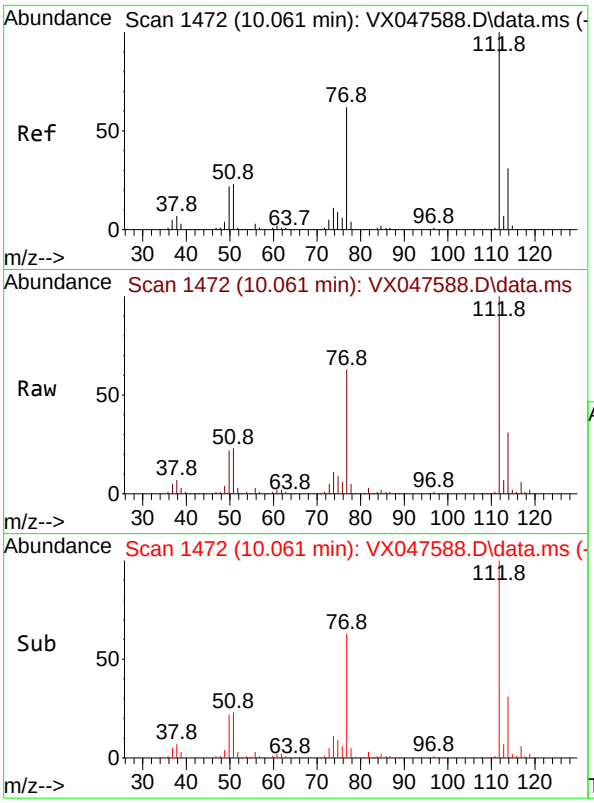


#64
Tetrachloroethene
Concen: 50.074 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:164 Resp: 88149

Ion	Ratio	Lower	Upper
164	100		
166	125.2	100.2	150.2
129	102.2	81.8	122.6
131	98.3	78.6	118.0



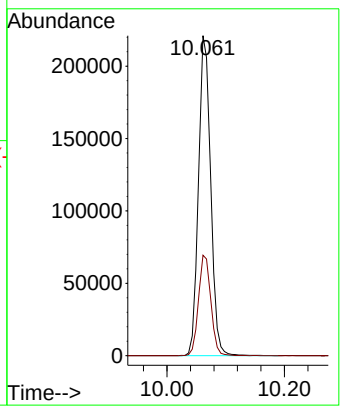


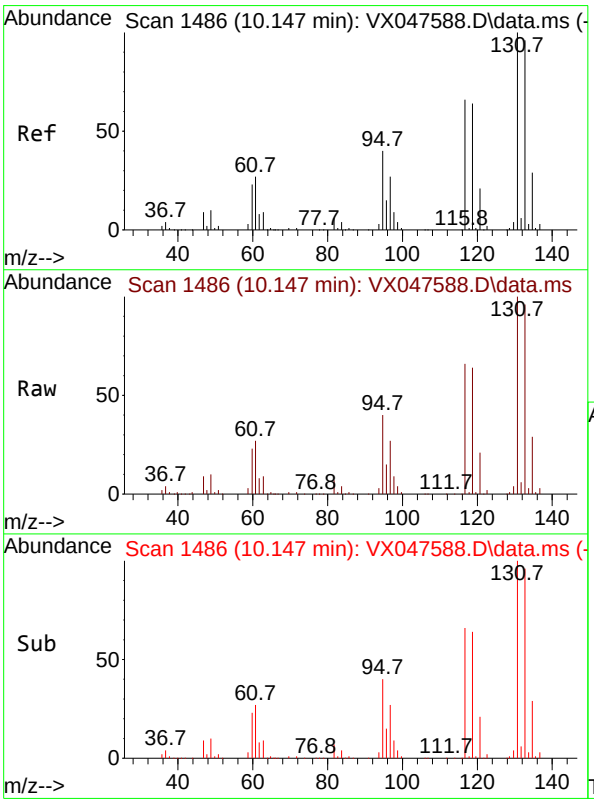
#65
Chlorobenzene
Concen: 51.833 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 317982

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

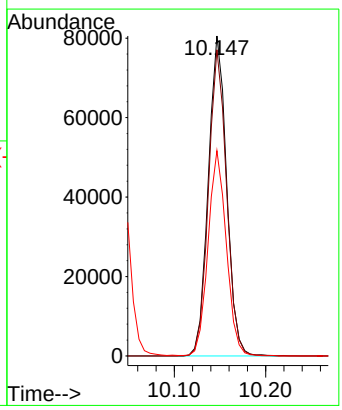


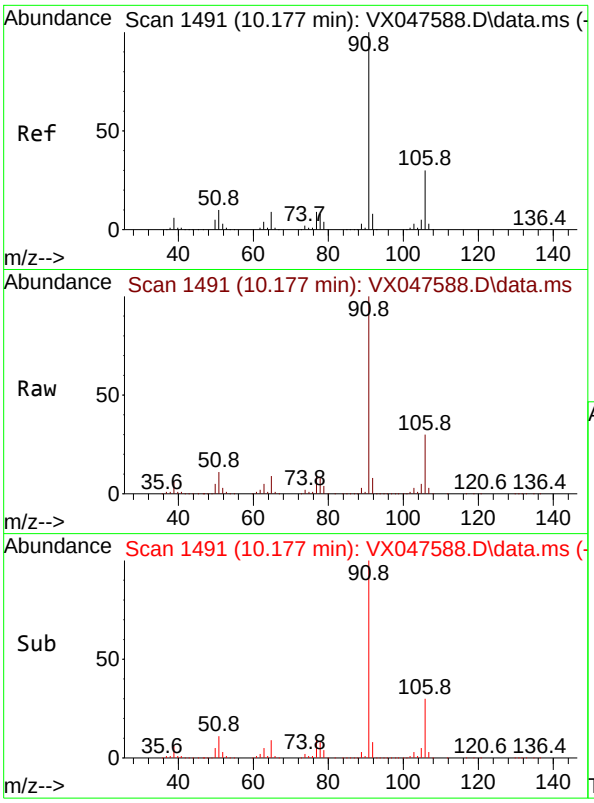


#66
1,1,1,2-Tetrachloroethane
Concen: 52.835 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:131 Resp: 111849

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.3	142.0
119	64.0	32.0	96.0



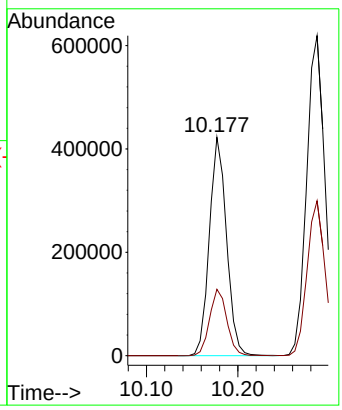


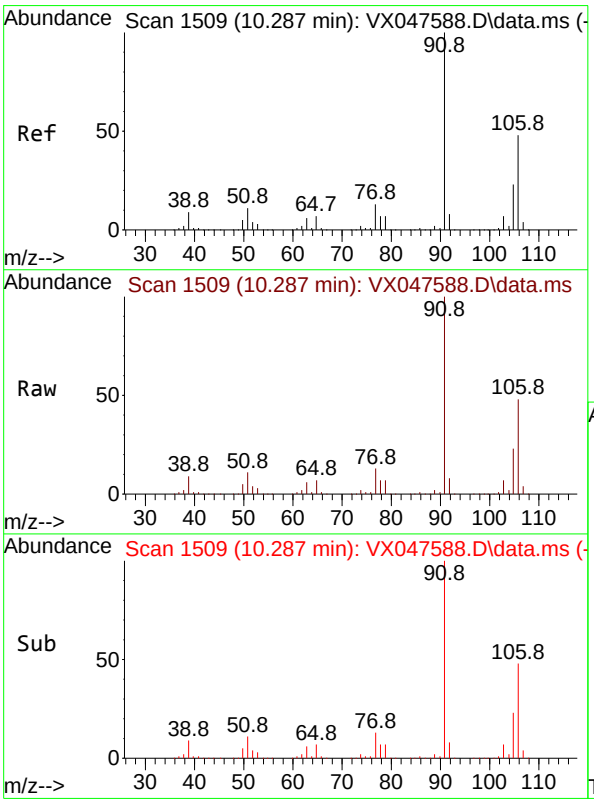
#67
Ethyl Benzene
Concen: 52.017 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 550610

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5

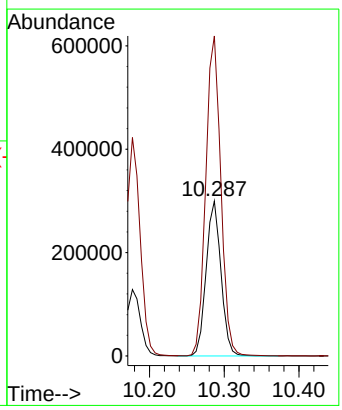


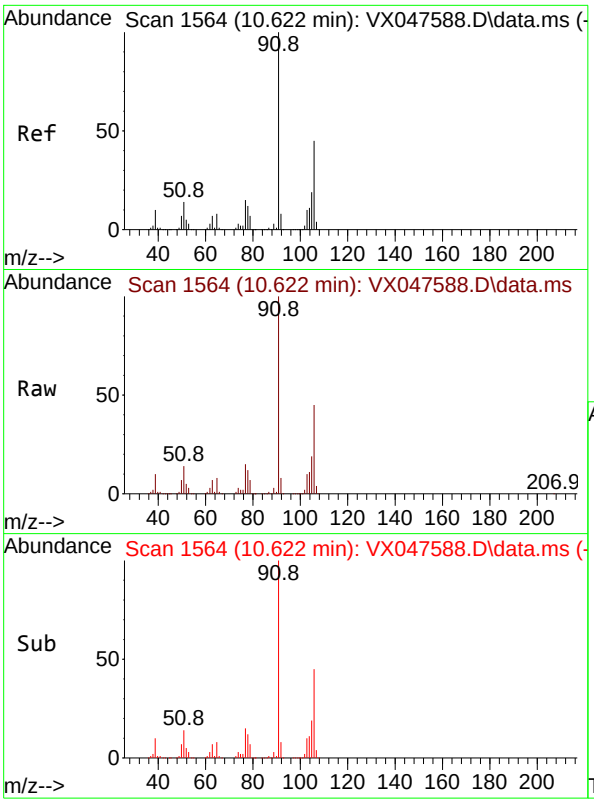


#68
m/p-Xylenes
Concen: 104.809 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:106 Resp: 412932

Ion	Ratio	Lower	Upper
106	100		
91	209.8	167.8	251.8



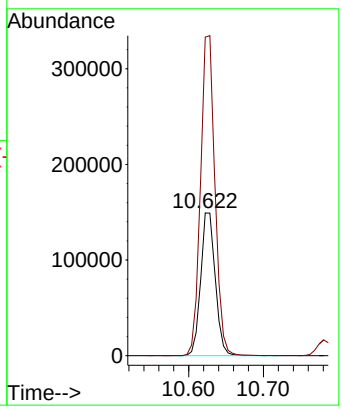


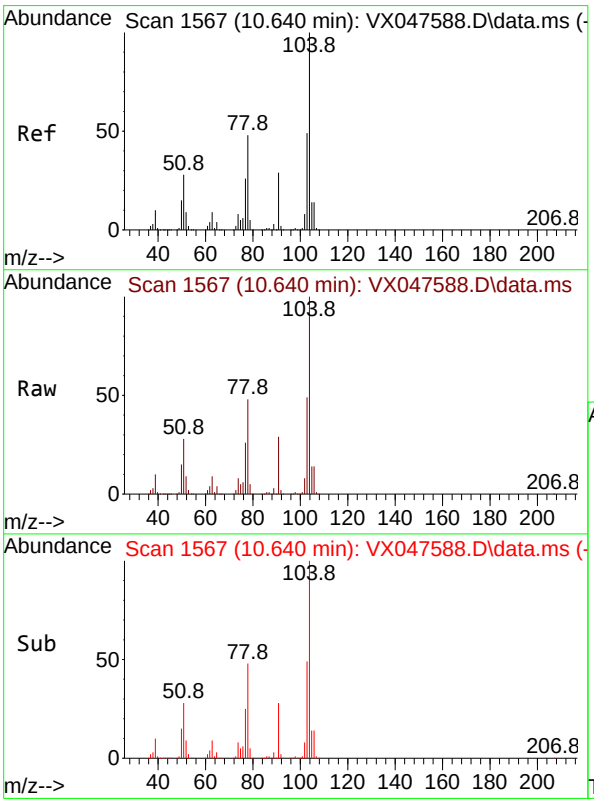
#69
o-Xylene
Concen: 53.084 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 202291

Ion	Ratio	Lower	Upper
106	100		
91	222.3	111.1	333.4

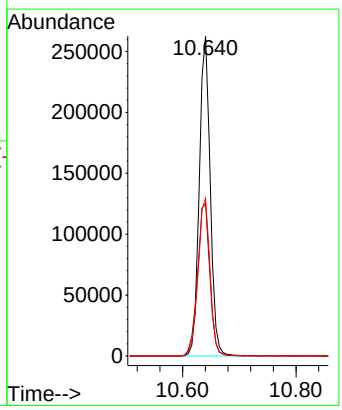


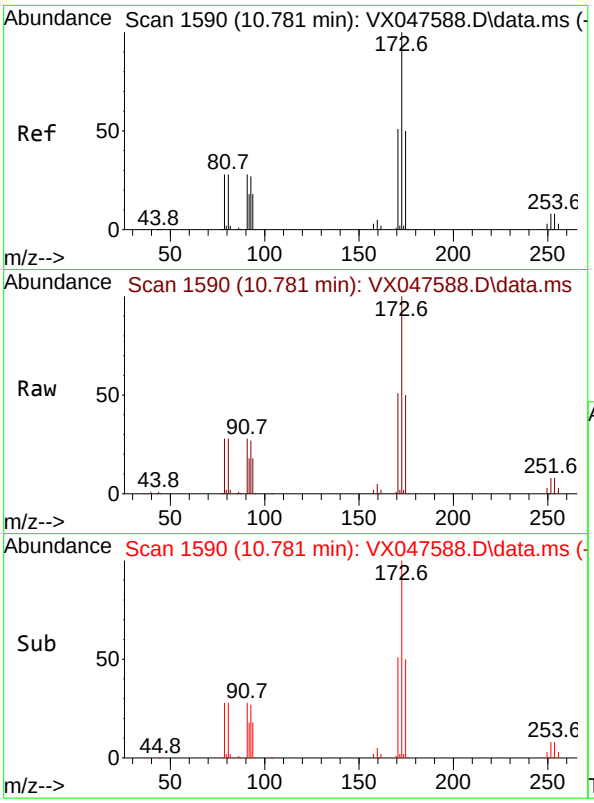


#70
Styrene
Concen: 52.515 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:104 Resp: 350654

Ion	Ratio	Lower	Upper
104	100		
78	53.9	43.1	64.7
103	53.9	43.1	64.7



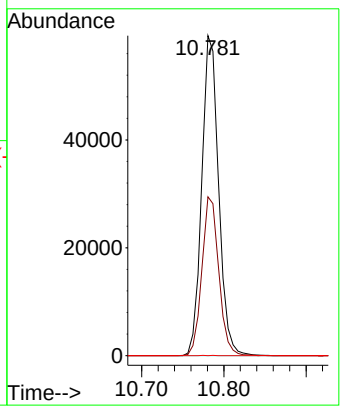


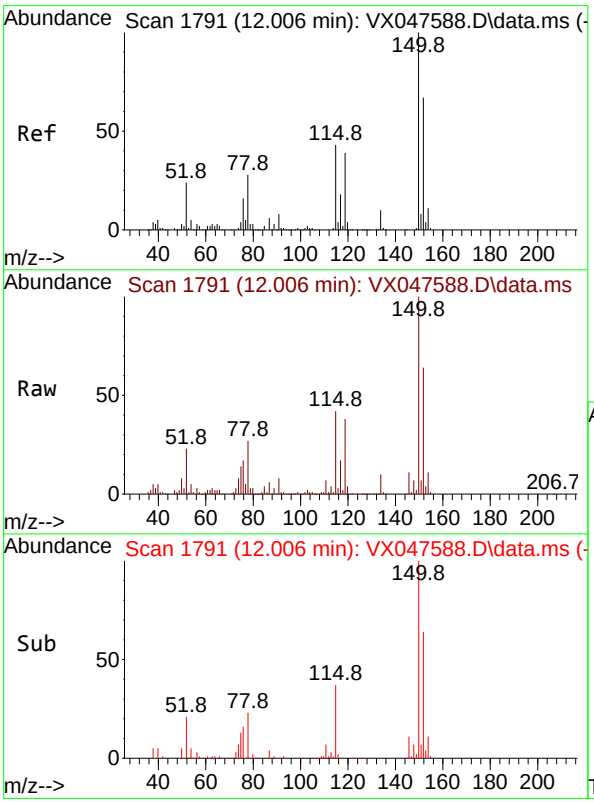
#71
Bromoform
Concen: 53.447 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 84485

Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.6
254	0.1	0.1	0.1#

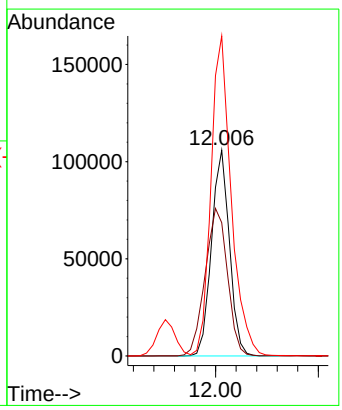


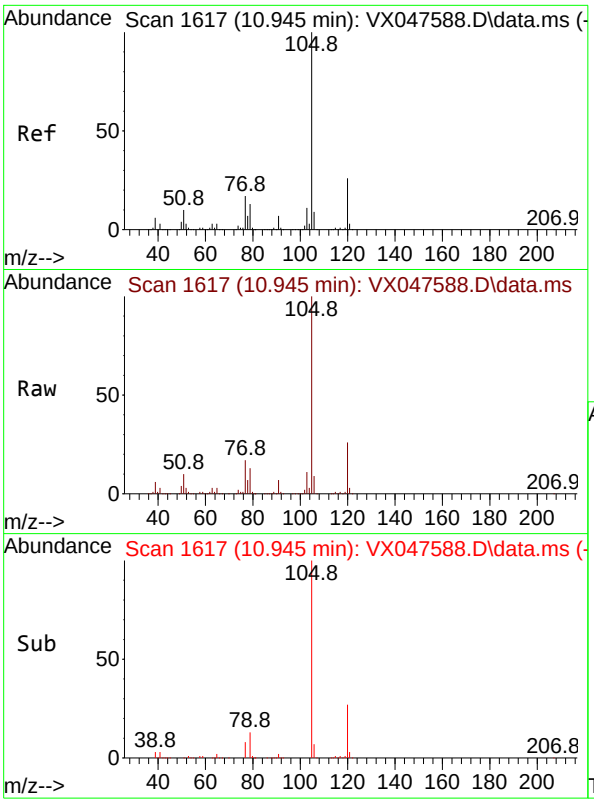


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:152 Resp: 127732

Ion	Ratio	Lower	Upper
152	100		
115	89.7	44.9	134.5
150	176.0	0.0	352.0



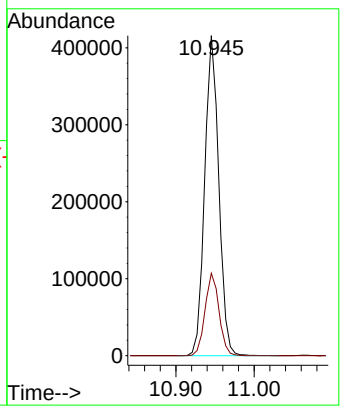


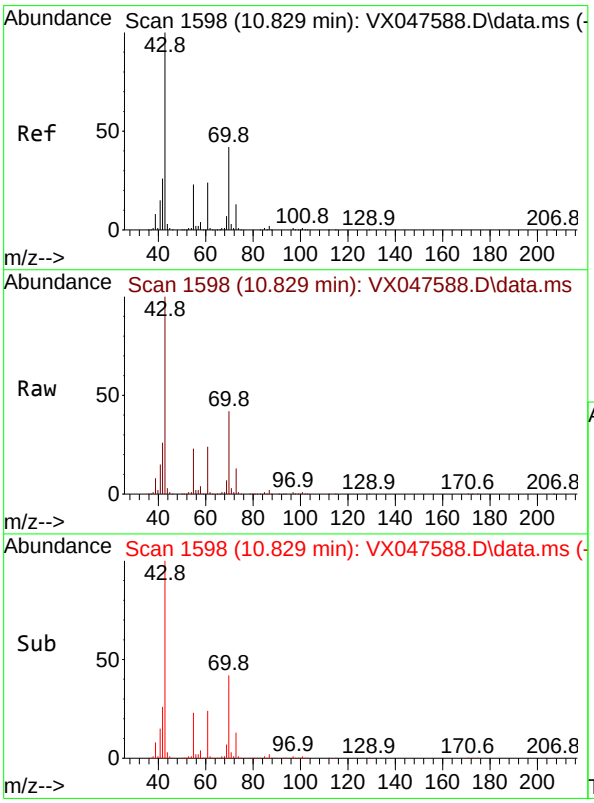
#73
Isopropylbenzene
Concen: 53.227 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 516891

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4

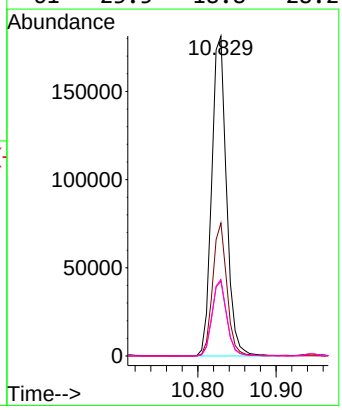


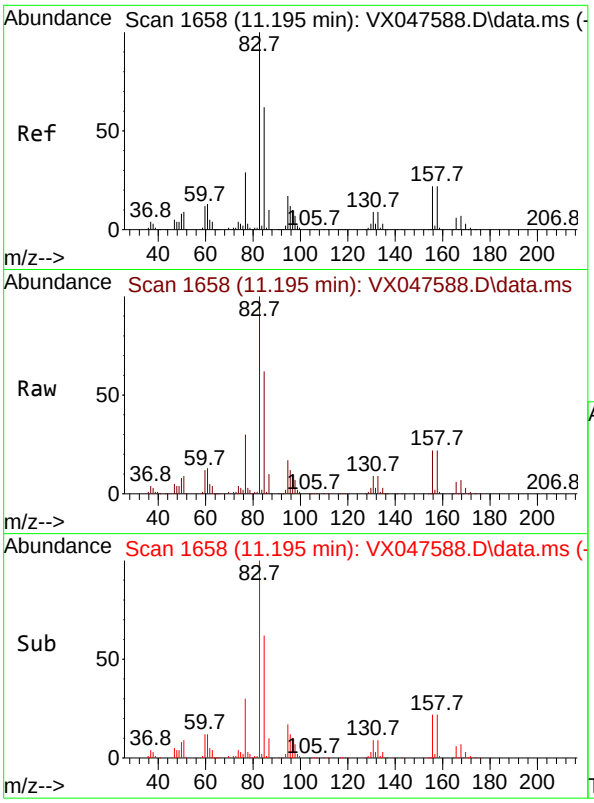


#74
N-amyl acetate
Concen: 53.710 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 237846

Ion	Ratio	Lower	Upper
43	100		
70	40.0	32.0	48.0
55	23.6	18.9	28.3
61	23.5	18.8	28.2



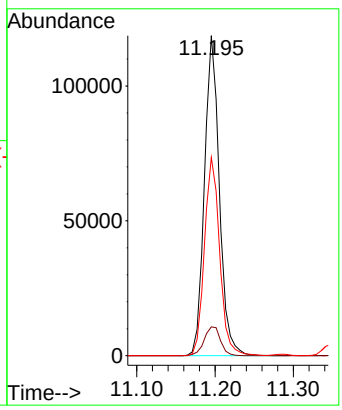


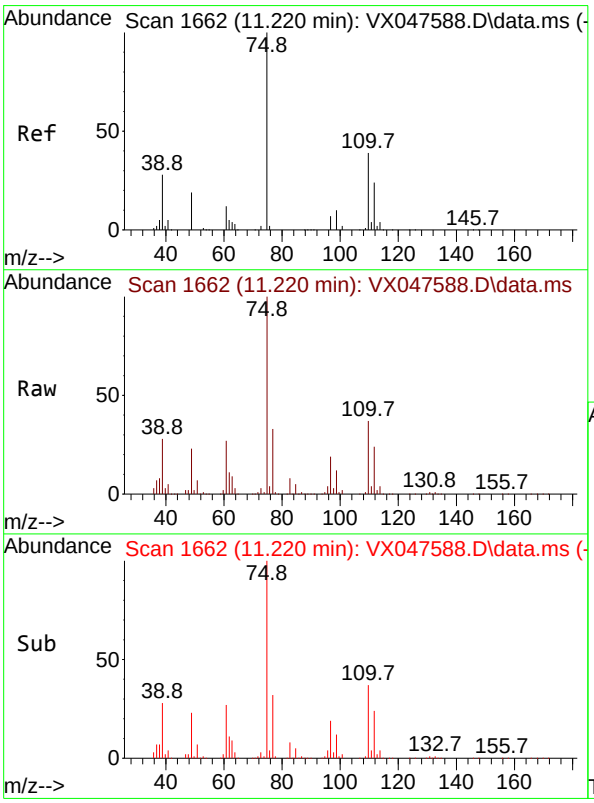
#75
1,1,2,2-Tetrachloroethane
Concen: 53.251 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 156454

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	63.3	31.6	95.0

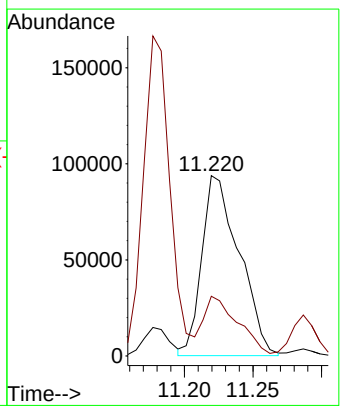


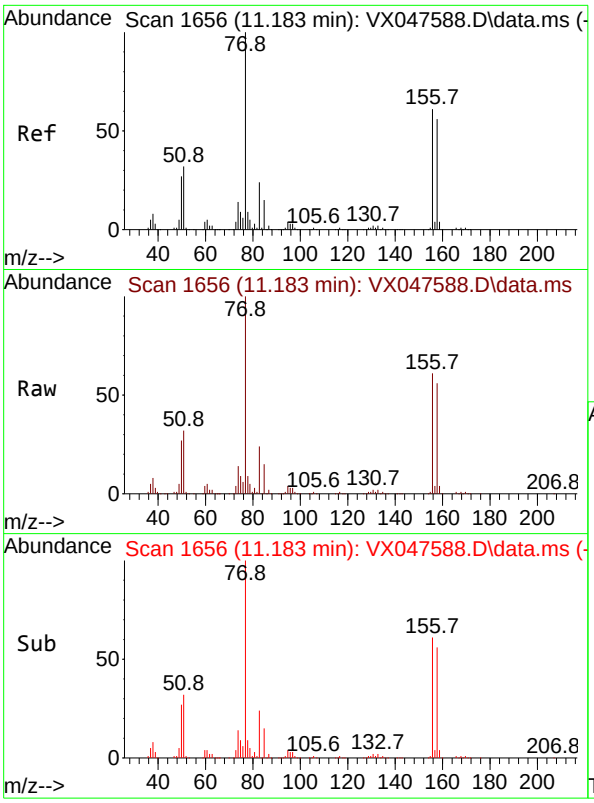


#76
1,2,3-Trichloropropane
Concen: 68.947 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 178309

Ion	Ratio	Lower	Upper
75	100		
77	30.4	18.8	56.4



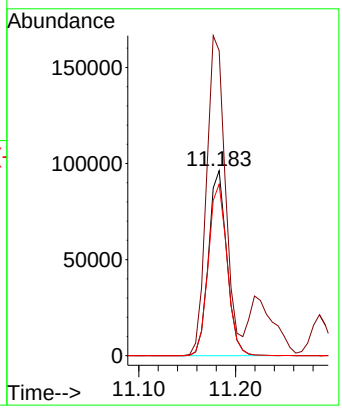


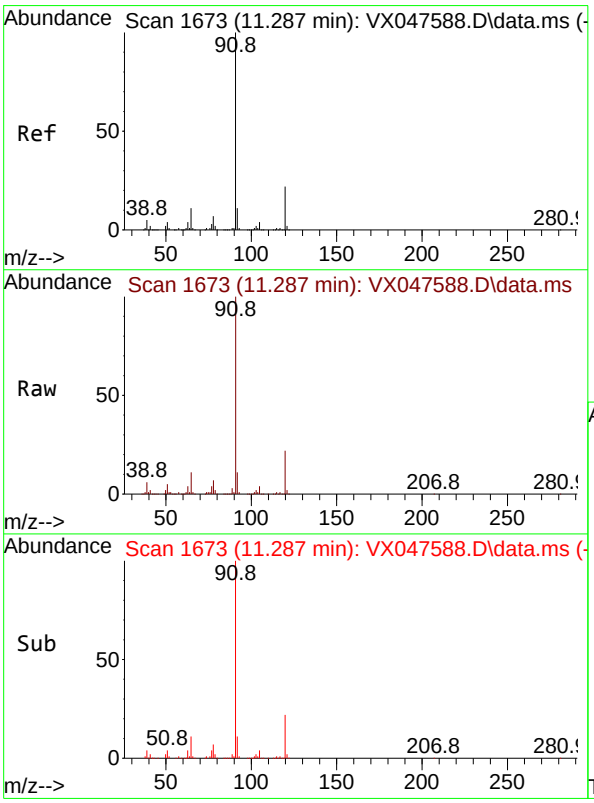
#77
Bromobenzene
Concen: 52.754 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 126174

Ion	Ratio	Lower	Upper
156	100		
77	179.4	89.7	269.1
158	95.7	47.9	143.6

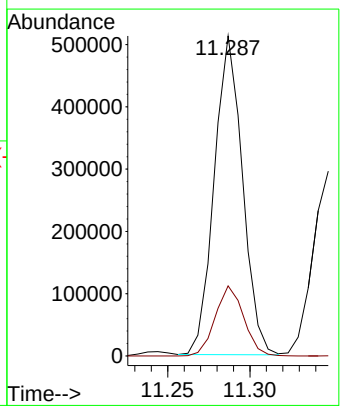


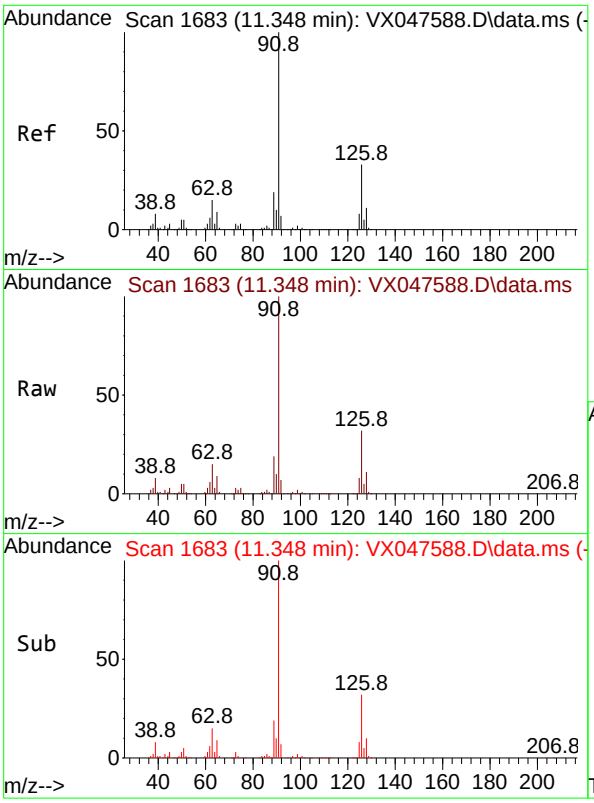


#78
n-propylbenzene
Concen: 53.315 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 612035

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1



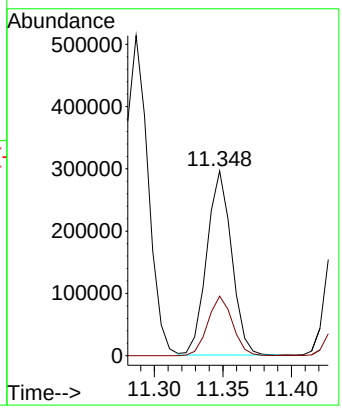


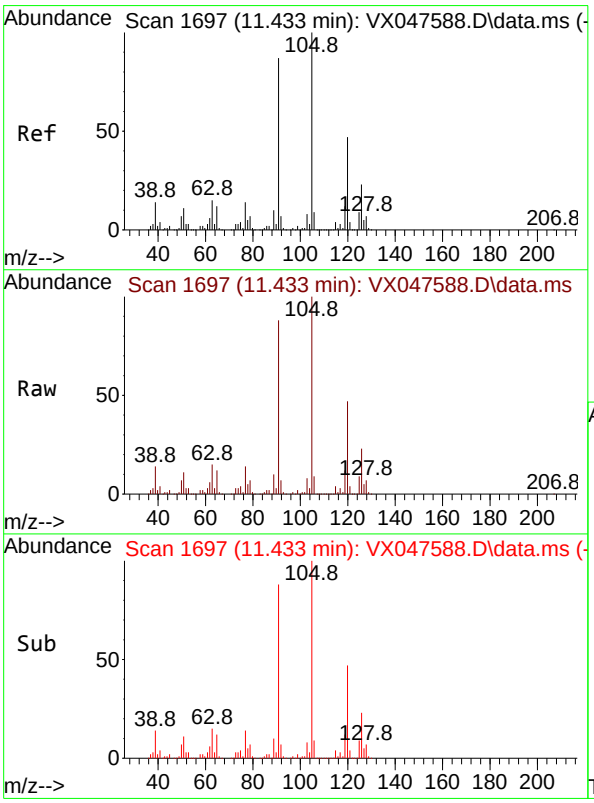
#79
2-Chlorotoluene
Concen: 52.965 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 372397

Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.1	48.3

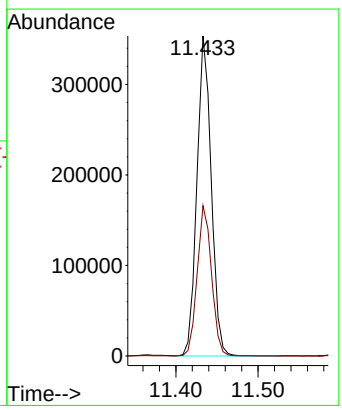


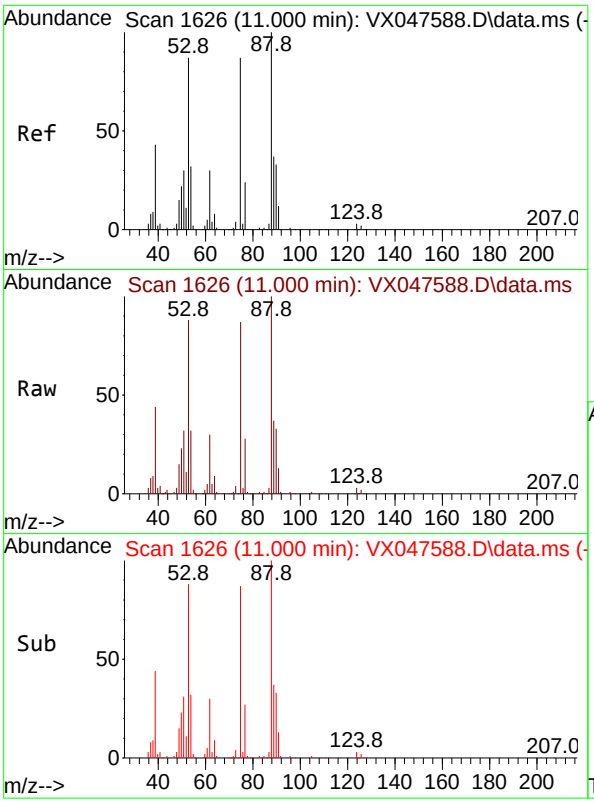


#80
1,3,5-Trimethylbenzene
Concen: 53.518 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 426989

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8



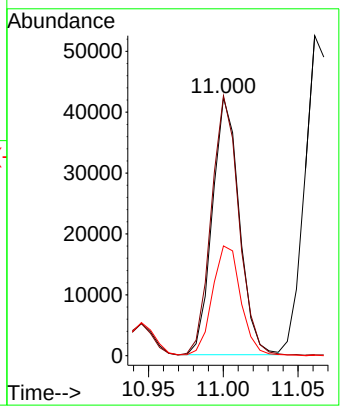


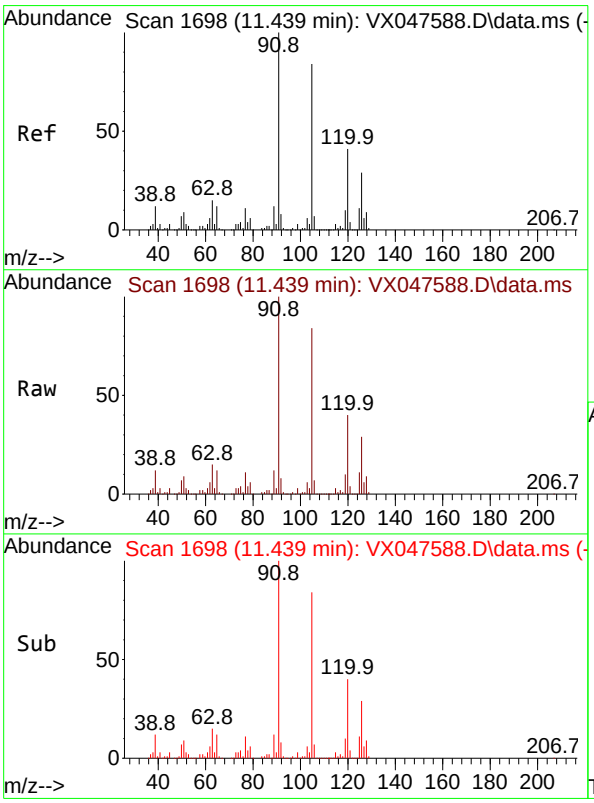
#81
trans-1,4-Dichloro-2-butene
Concen: 52.190 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 52927

Ion	Ratio	Lower	Upper
75	100		
53	104.3	83.4	125.2
89	45.4	36.3	54.5

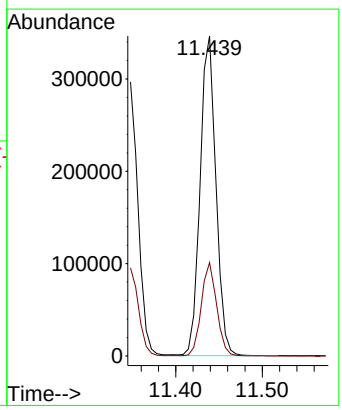


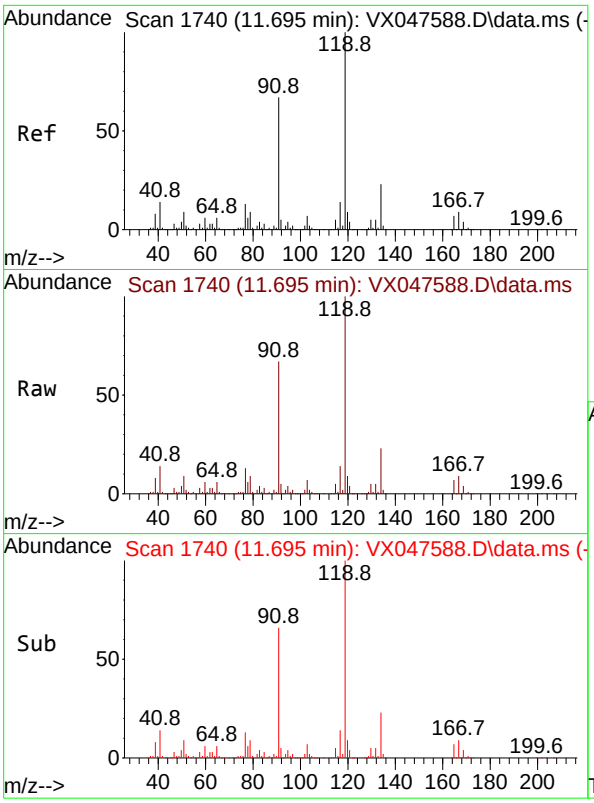


#82
4-Chlorotoluene
Concen: 52.806 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 438502

Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.2	42.6



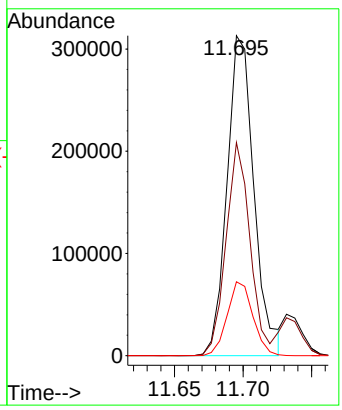


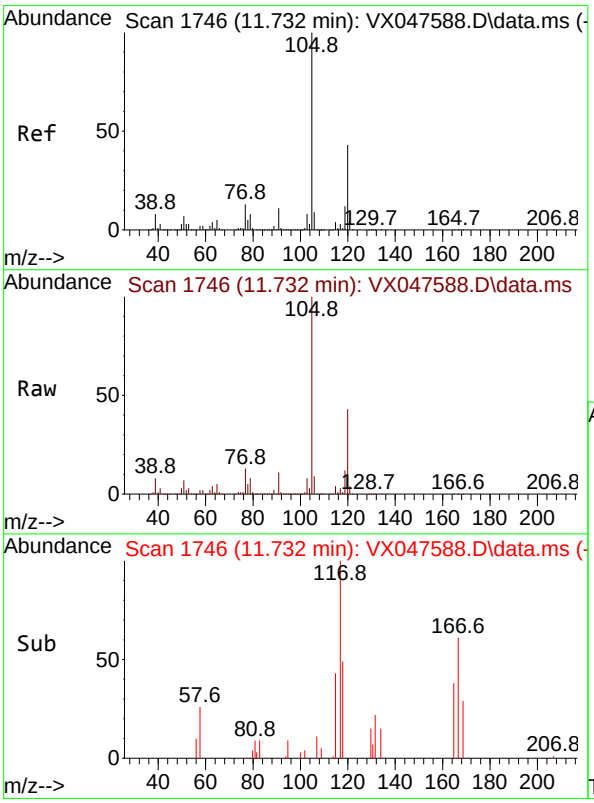
#83
tert-Butylbenzene
Concen: 52.539 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 429107

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	22.0	11.0	33.0

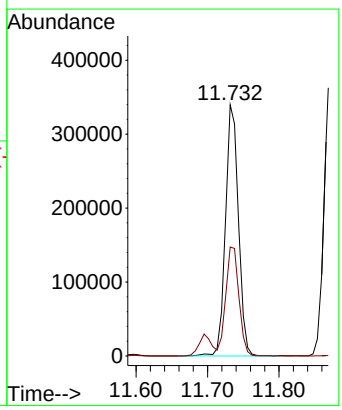


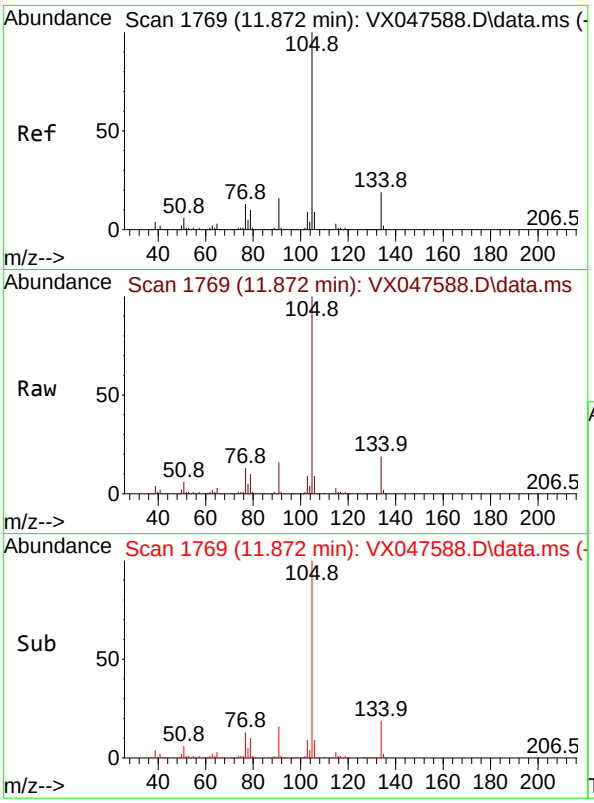


#84
1,2,4-Trimethylbenzene
Concen: 52.798 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 427073

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1



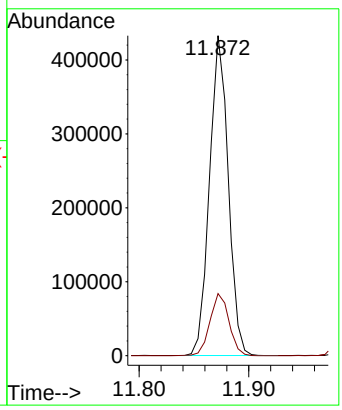


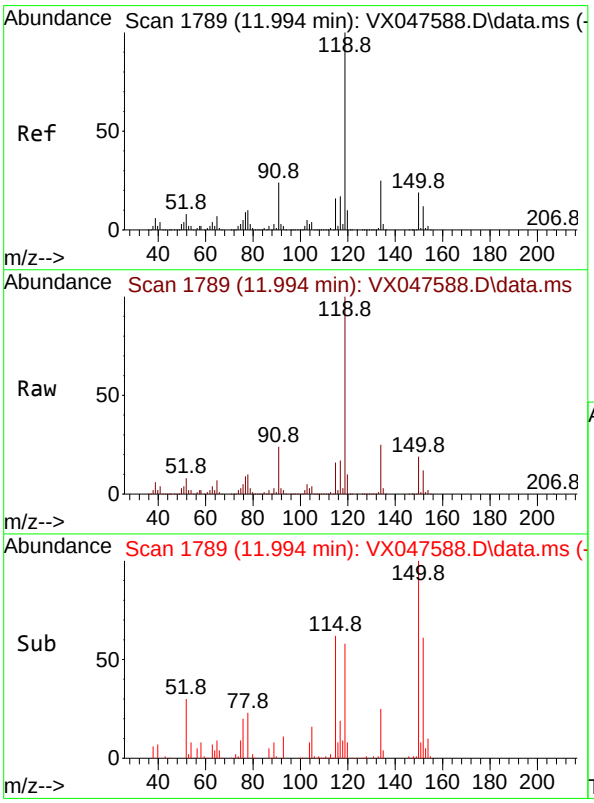
#85
sec-Butylbenzene
Concen: 53.029 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 514442

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

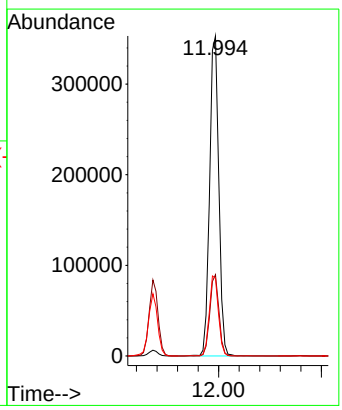


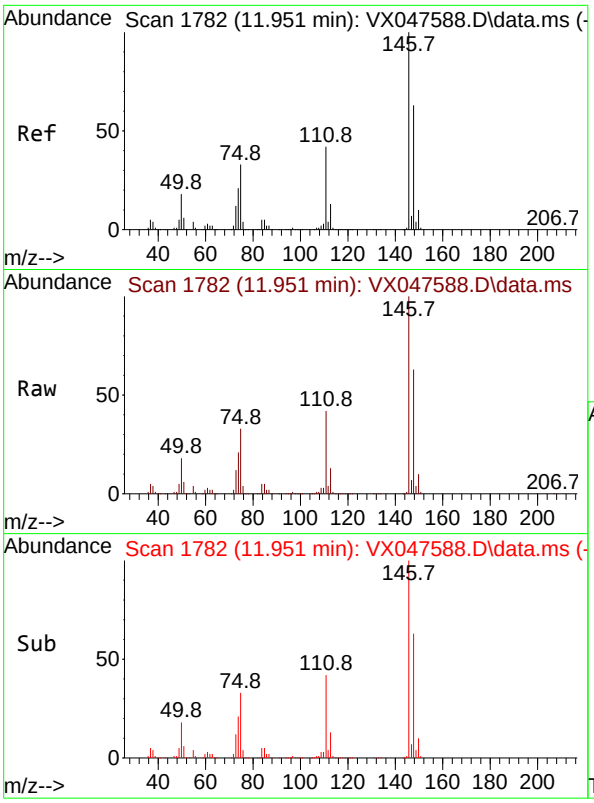


#86
p-Isopropyltoluene
Concen: 53.172 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:119 Resp: 436704

Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.6	37.8
91	25.1	12.6	37.6



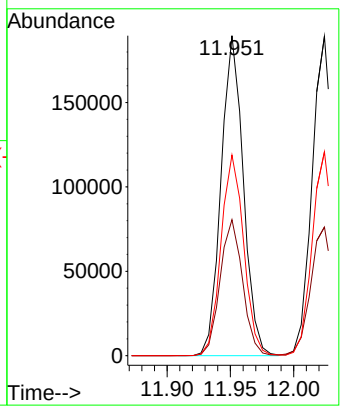


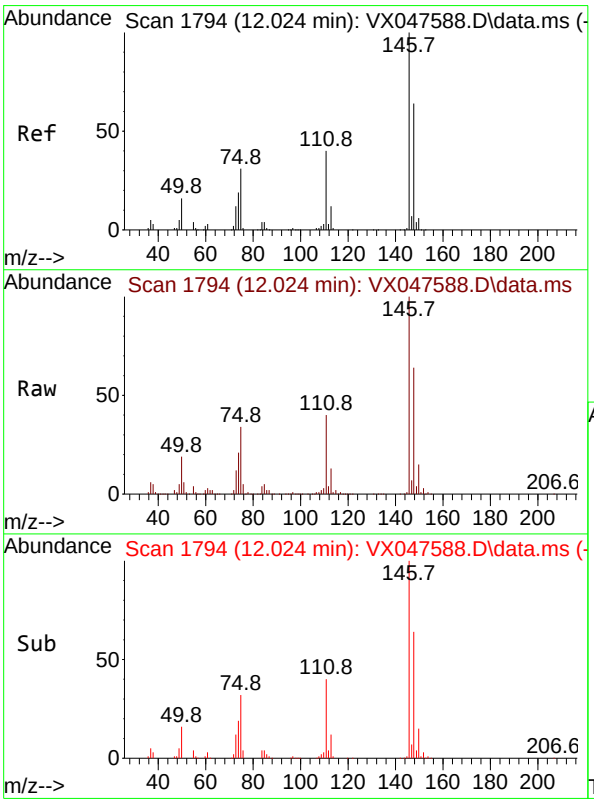
#87
1,3-Dichlorobenzene
Concen: 52.232 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 232038

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	64.0	32.0	96.0

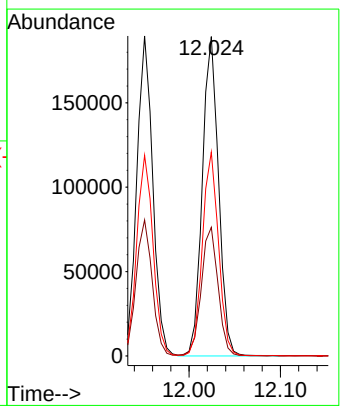


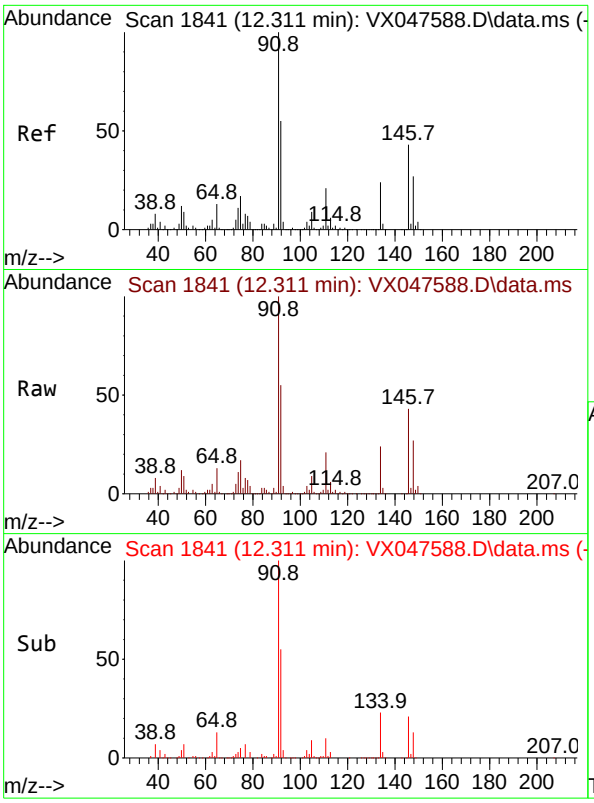


#88
1,4-Dichlorobenzene
Concen: 51.316 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:146 Resp: 233975

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.4	31.7	95.1



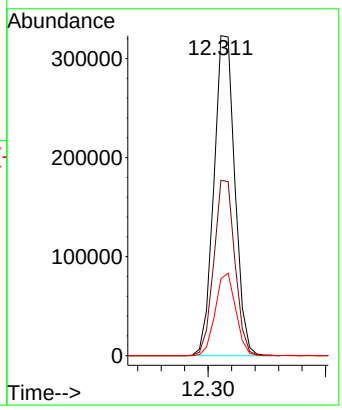


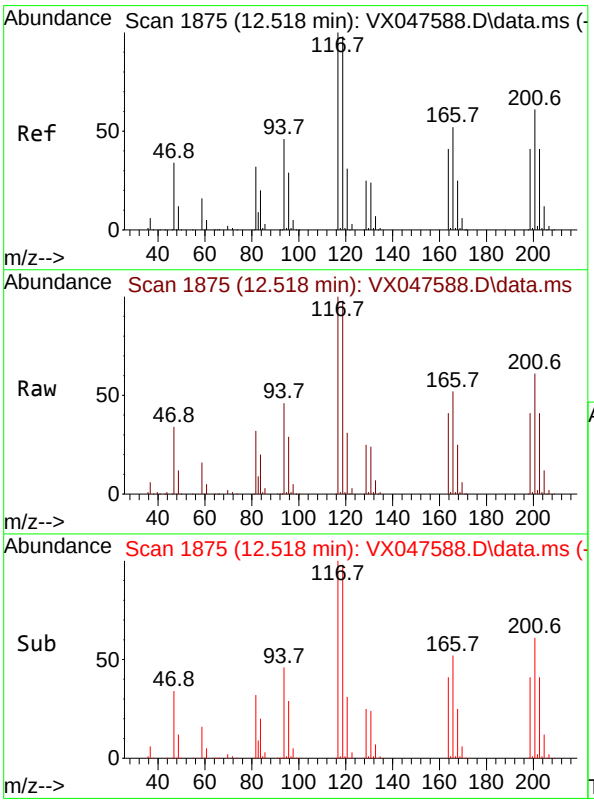
#89
n-Butylbenzene
Concen: 52.766 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 400997

Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	25.2	12.6	37.8

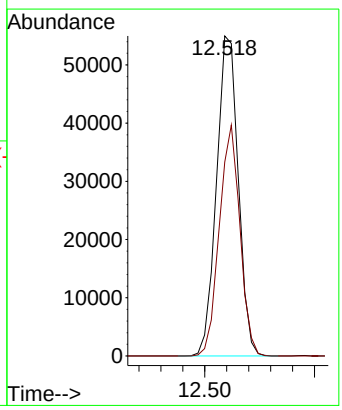


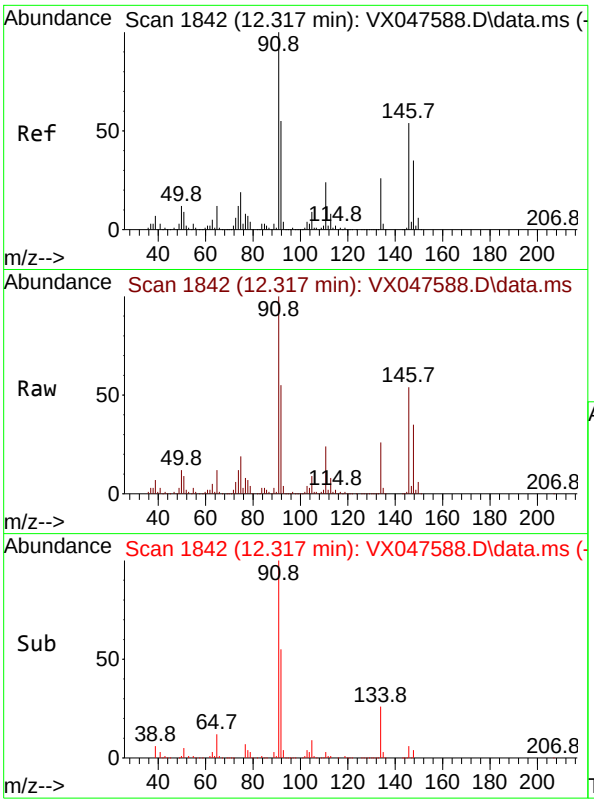


#90
Hexachloroethane
Concen: 52.567 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 75800

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.2	102.5



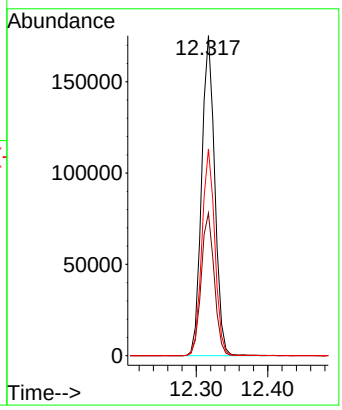


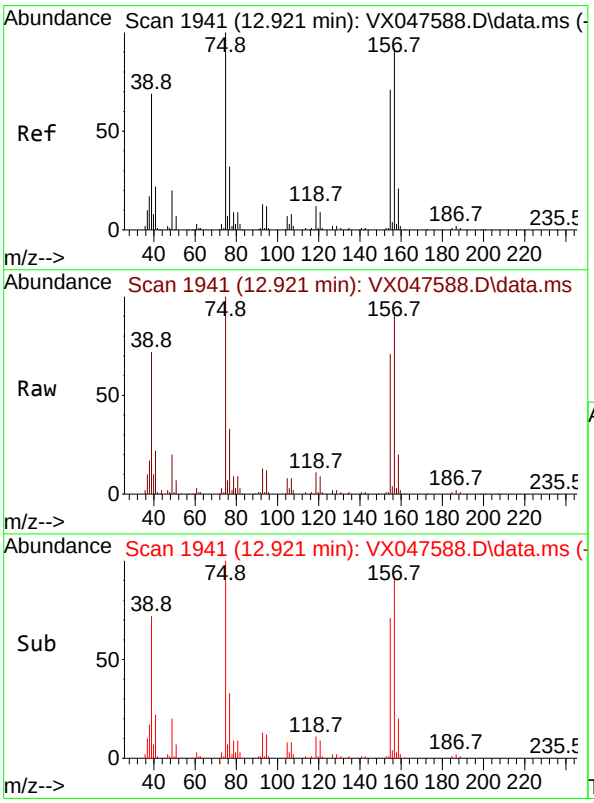
#91
1,2-Dichlorobenzene
Concen: 52.688 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 222993

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	63.6	31.8	95.4

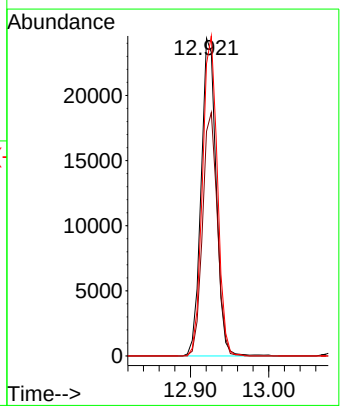


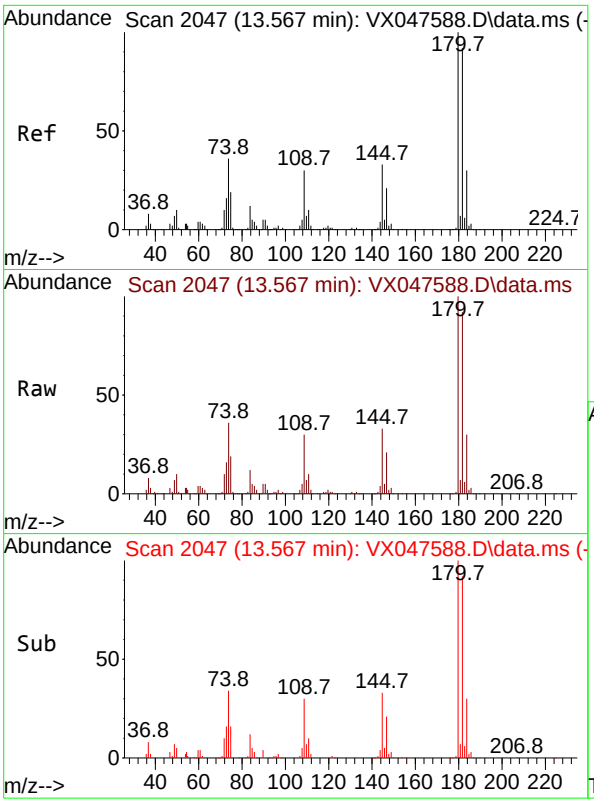


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.554 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 32451

Ion	Ratio	Lower	Upper
75	100		
155	75.4	37.7	113.1
157	99.6	49.8	149.4



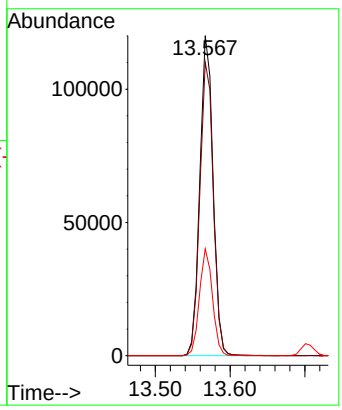


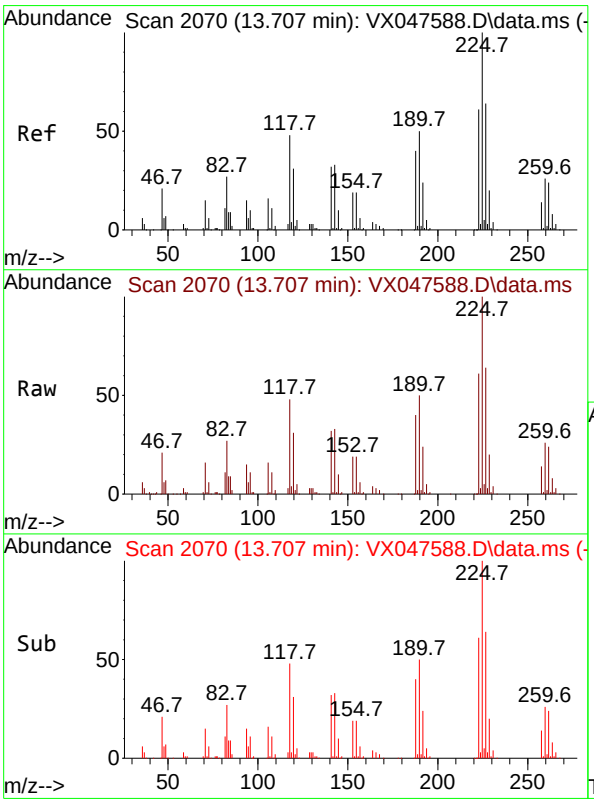
#93
1,2,4-Trichlorobenzene
Concen: 53.685 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 147670

Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	32.7	16.4	49.1

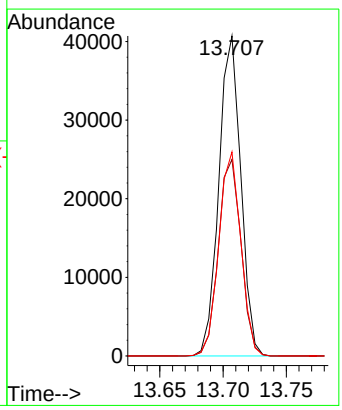


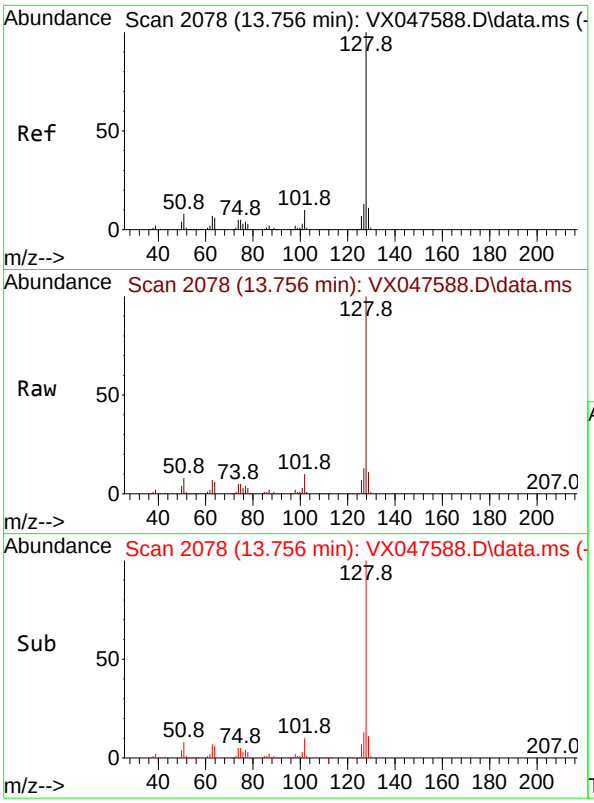


#94
Hexachlorobutadiene
Concen: 52.510 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:225 Resp: 49061

Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.7	95.1
227	64.0	32.0	96.0



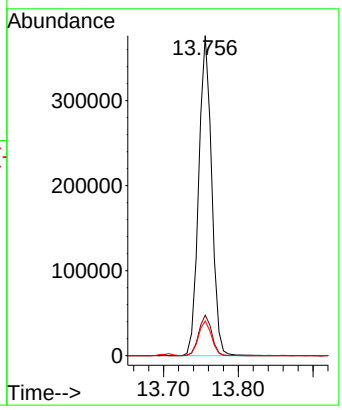


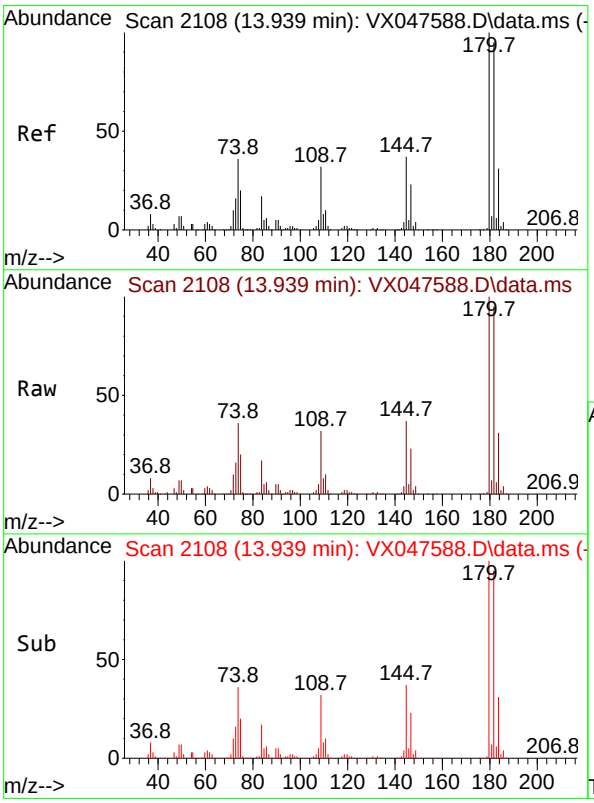
#95
Naphthalene
Concen: 53.966 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 452013

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

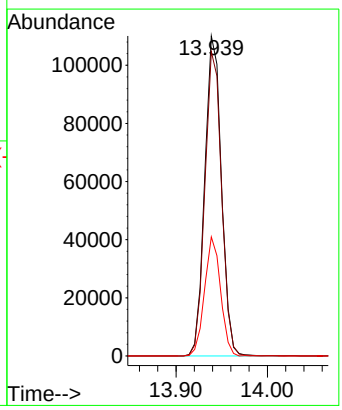




#96
1,2,3-Trichlorobenzene
Concen: 54.316 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:180 Resp: 138978

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	35.8	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Sep 22 01:51:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	169280	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	298913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	275758	102.341	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 204.680%#			
35) Dibromofluoromethane	5.361	113	212419	105.962	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 211.920%#			
50) Toluene-d8	8.629	98	724078	104.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 208.780%#			
62) 4-Bromofluorobenzene	11.061	95	270289	102.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.340%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	172727	98.537	ug/l	100
3) Chloromethane	1.301	50	229165	99.472	ug/l	100
4) Vinyl Chloride	1.380	62	229175	101.621	ug/l	100
5) Bromomethane	1.611	94	143113	100.076	ug/l	99
6) Chloroethane	1.691	64	152487	101.167	ug/l	99
7) Trichlorofluoromethane	1.892	101	344488	102.878	ug/l	100
8) Diethyl Ether	2.130	74	142038	103.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	199843	102.067	ug/l	99
10) Methyl Iodide	2.453	142	313092	102.531	ug/l	99
11) Tert butyl alcohol	2.947	59	152108	506.863	ug/l	98
12) 1,1-Dichloroethene	2.319	96	206097	102.473	ug/l	93
13) Acrolein	2.233	56	150793	545.276	ug/l	97
14) Allyl chloride	2.660	41	415140	100.028	ug/l	99
15) Acrylonitrile	3.056	53	581240	522.897	ug/l	100
16) Acetone	2.374	43	510542	435.772	ug/l	100
17) Carbon Disulfide	2.514	76	537888	97.693	ug/l	98
18) Methyl Acetate	2.697	43	292867	112.324	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	748952	102.011	ug/l	100
20) Methylene Chloride	2.782	84	242548	97.805	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	217759	100.566	ug/l	98
22) Diisopropyl ether	3.745	45	811840	100.934	ug/l	88
23) Vinyl Acetate	3.709	43	3314707	514.916	ug/l	99
24) 1,1-Dichloroethane	3.599	63	435815	101.944	ug/l	98
25) 2-Butanone	4.532	43	700827	479.558	ug/l	97
26) 2,2-Dichloropropane	4.465	77	357292	100.542	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	266550	100.516	ug/l	100
28) Bromochloromethane	4.873	49	198788	106.512	ug/l	99
29) Tetrahydrofuran	4.977	42	443530	504.502	ug/l	99
30) Chloroform	5.074	83	433937	100.447	ug/l	100
31) Cyclohexane	5.452	56	332995	93.523	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	372323	101.607	ug/l	99
36) 1,1-Dichloropropene	5.672	75	281650	96.149	ug/l	98
37) Ethyl Acetate	4.690	43	318793	101.641	ug/l	99
38) Carbon Tetrachloride	5.660	117	314745	98.891	ug/l	98
39) Methylcyclohexane	7.360	83	327858	98.600	ug/l	98
40) Benzene	6.019	78	880885	99.009	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Sep 22 01:51:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	168753	104.220	ug/l	99
42) 1,2-Dichloroethane	6.062	62	331465	97.916	ug/l	100
43) Isopropyl Acetate	6.318	43	516875	100.482	ug/l	99
44) Trichloroethene	7.104	130	217753	101.234	ug/l	96
45) 1,2-Dichloropropane	7.409	63	228150	100.145	ug/l	100
46) Dibromomethane	7.562	93	164987	99.519	ug/l	99
47) Bromodichloromethane	7.806	83	345991	101.136	ug/l	98
48) Methyl methacrylate	7.671	41	260358	101.612	ug/l	100
49) 1,4-Dioxane	7.641	88	56717	2190.315	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	1431253	501.834	ug/l	100
52) Toluene	8.702	92	536148	97.811	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	355881	101.986	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	380577	102.038	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	205939	97.434	ug/l	97
56) Ethyl methacrylate	9.098	69	346659	104.435	ug/l	99
57) 1,3-Dichloropropane	9.293	76	362848	99.935	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	836362	499.814	ug/l	100
59) 2-Hexanone	9.415	43	996274	486.380	ug/l	100
60) Dibromochloromethane	9.506	129	251394	103.226	ug/l	99
61) 1,2-Dibromoethane	9.592	107	217751	101.147	ug/l	100
64) Tetrachloroethene	9.256	164	165559	98.284	ug/l	98
65) Chlorobenzene	10.061	112	588517	100.253	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	208621	102.988	ug/l	100
67) Ethyl Benzene	10.177	91	1031346	101.823	ug/l	100
68) m/p-Xylenes	10.287	106	763898	202.624	ug/l	99
69) o-Xylene	10.622	106	372621	102.186	ug/l	99
70) Styrene	10.634	104	649863	101.710	ug/l	100
71) Bromoform	10.781	173	161188	106.566	ug/l	98
73) Isopropylbenzene	10.945	105	954900	102.768	ug/l	100
74) N-amyl acetate	10.823	43	448344	105.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	281608	100.172	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	327988	132.545	ug/l	89
77) Bromobenzene	11.183	156	234666	102.541	ug/l	98
78) n-propylbenzene	11.287	91	1119728	101.941	ug/l	99
79) 2-Chlorotoluene	11.348	91	683867	101.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	787327	103.134	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	102555	105.689	ug/l	98
82) 4-Chlorotoluene	11.433	91	802929	101.054	ug/l	100
83) tert-Butylbenzene	11.695	119	791896	101.333	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	790557	102.144	ug/l	99
85) sec-Butylbenzene	11.872	105	945321	101.840	ug/l	100
86) p-Isopropyltoluene	11.994	119	797643	101.501	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	432248	101.689	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	431839	98.985	ug/l	100
89) n-Butylbenzene	12.311	91	757239	104.138	ug/l	99
90) Hexachloroethane	12.518	117	148048	107.304	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	414491	102.352	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	61029	107.225	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	278777	105.922	ug/l	100
94) Hexachlorobutadiene	13.707	225	92124	103.049	ug/l	99
95) Naphthalene	13.756	128	854492	106.620	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	263512	107.633	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Sep 22 01:51:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

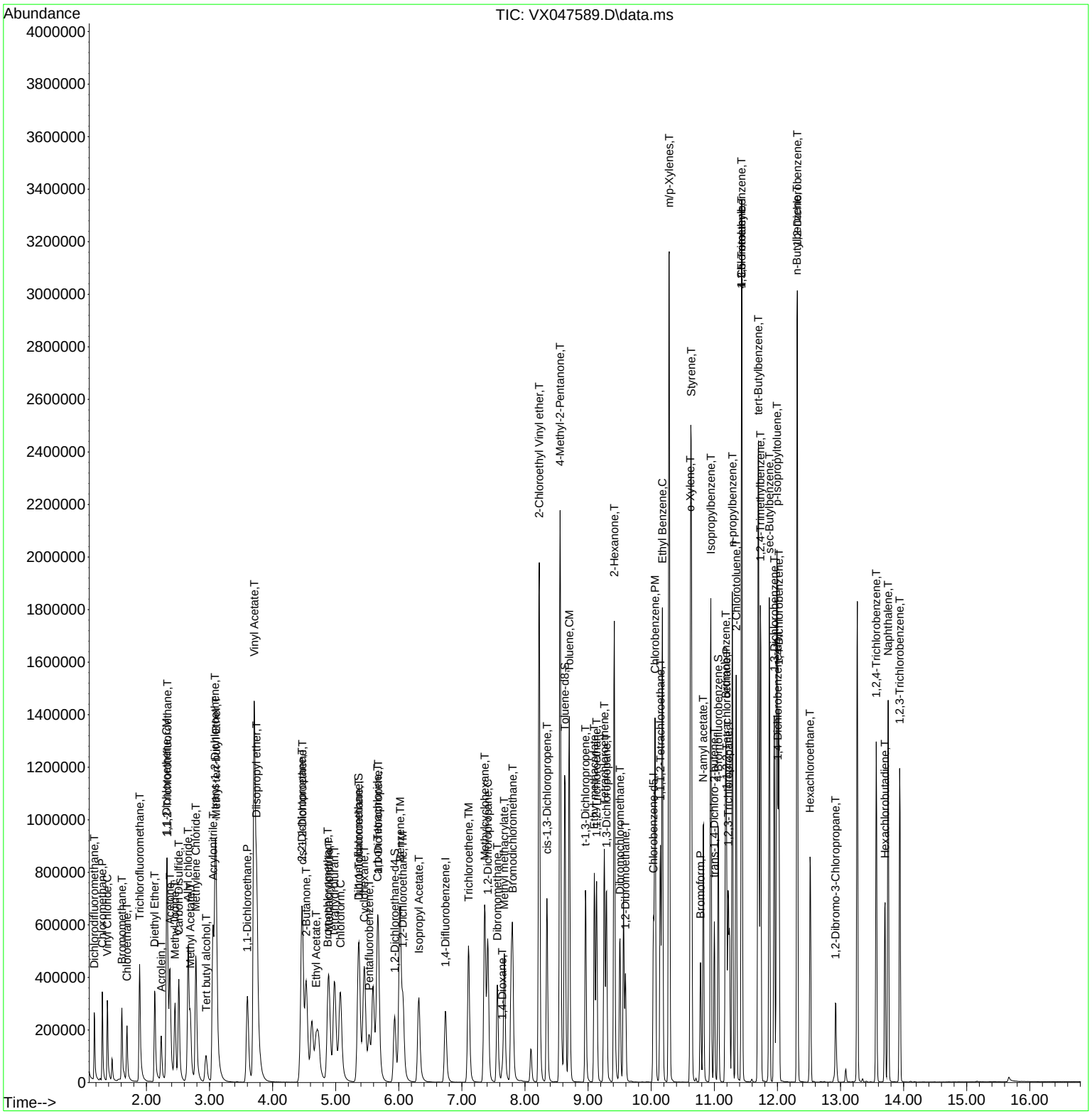
(#) = qualifier out of range (m) = manual integration (+) = signals summed

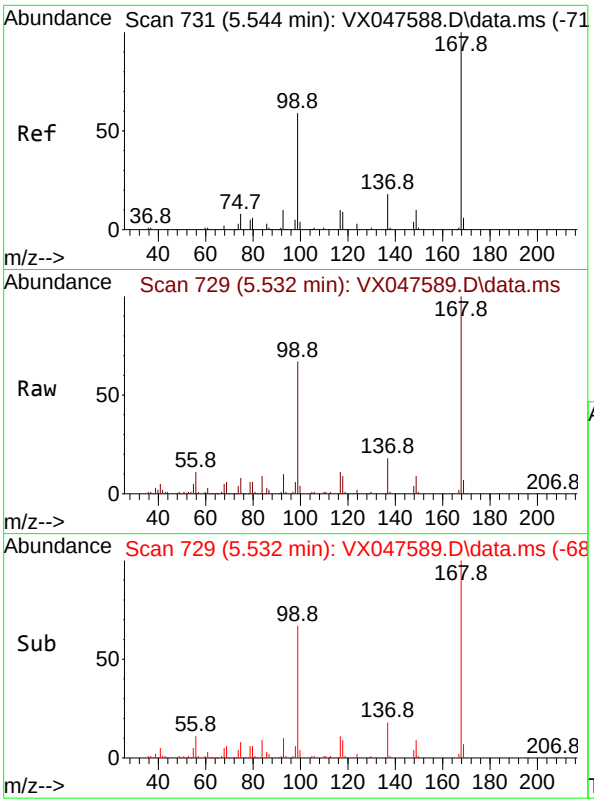
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Sep 22 01:51:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



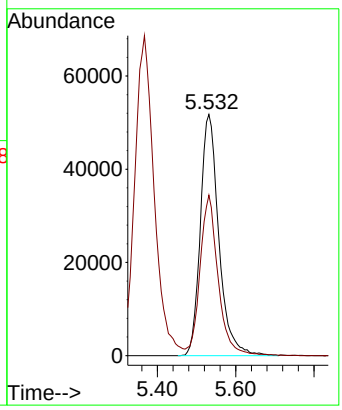


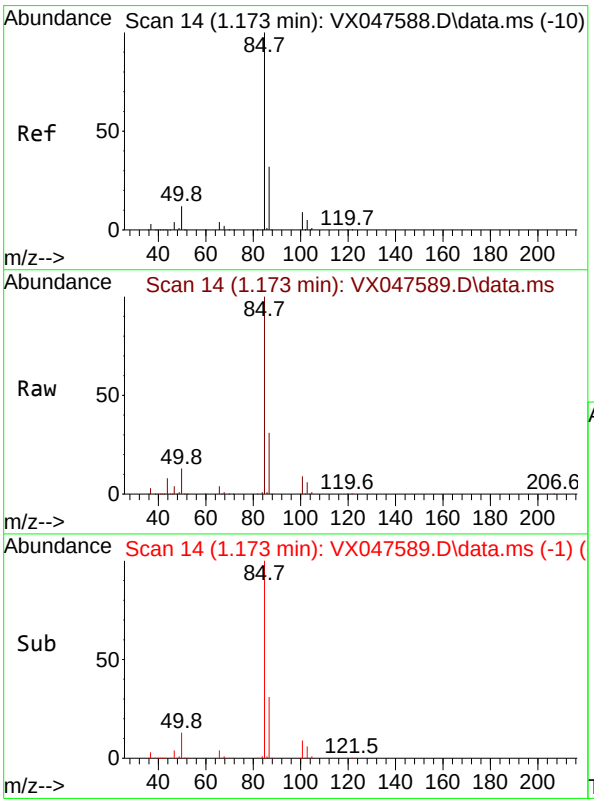
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 169280

Ion	Ratio	Lower	Upper
168	100		
99	66.4	48.8	73.2

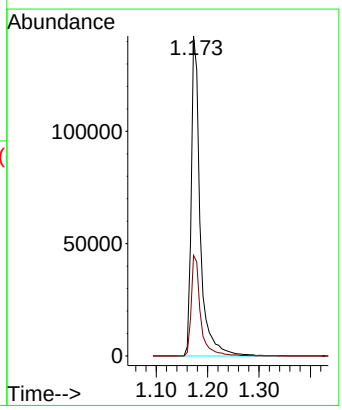


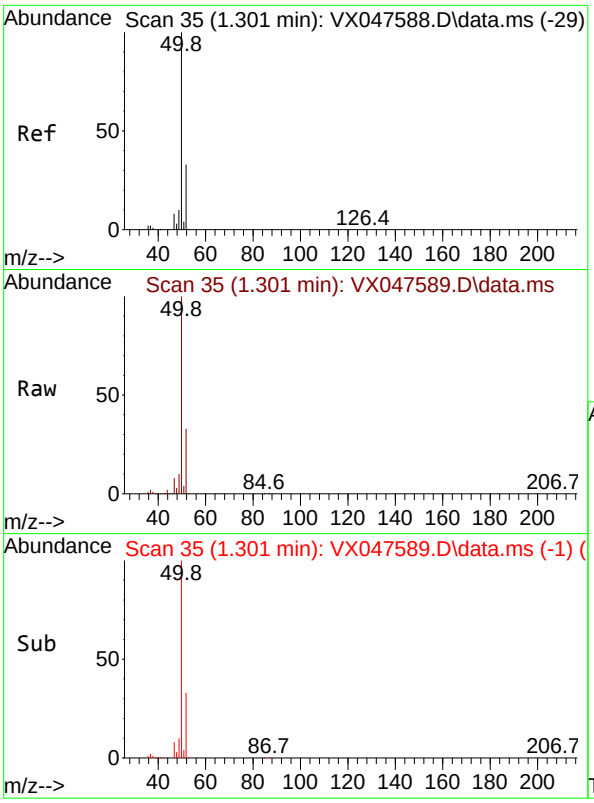


#2
Dichlorodifluoromethane
Concen: 98.537 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 85 Resp: 172727

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.8	47.3



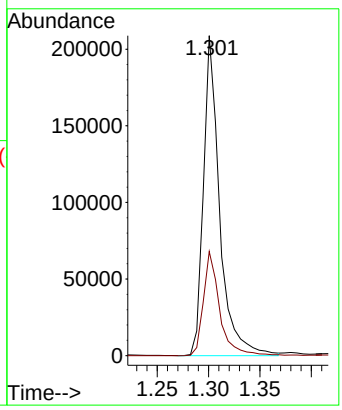


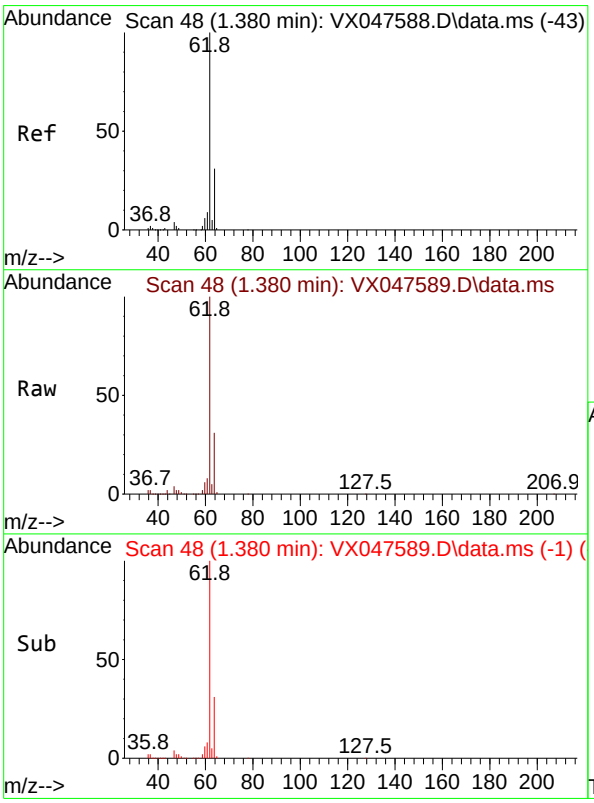
#3
Chloromethane
Concen: 99.472 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 229165

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.1	39.1

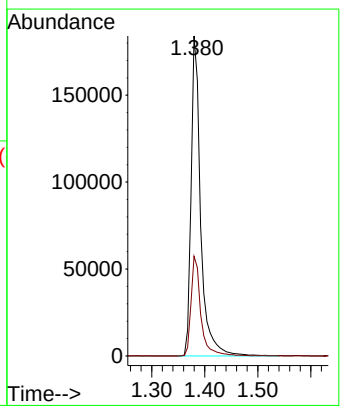


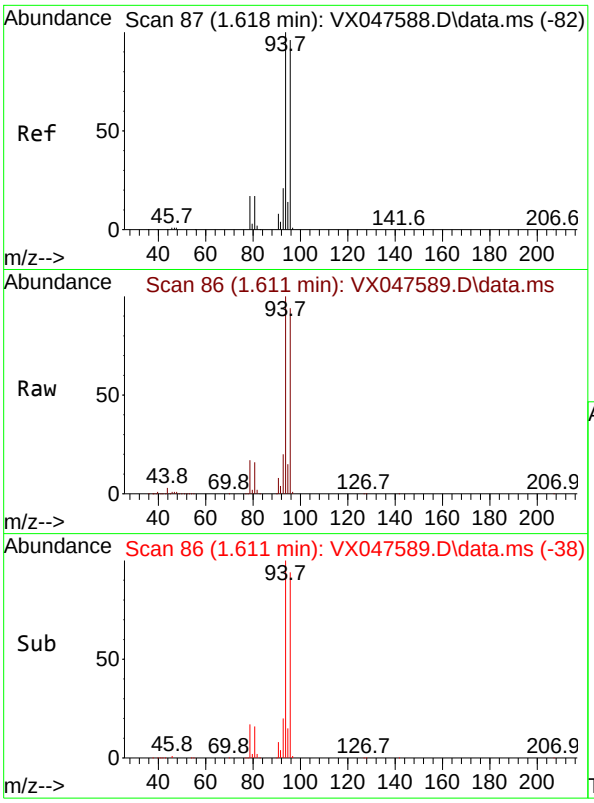


#4
Vinyl Chloride
Concen: 101.621 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 229175

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3



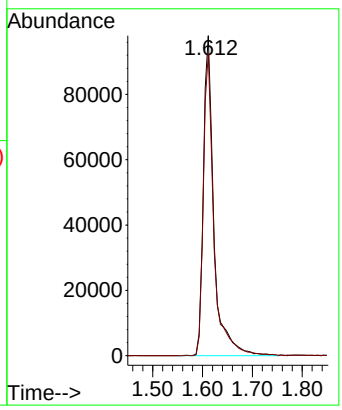


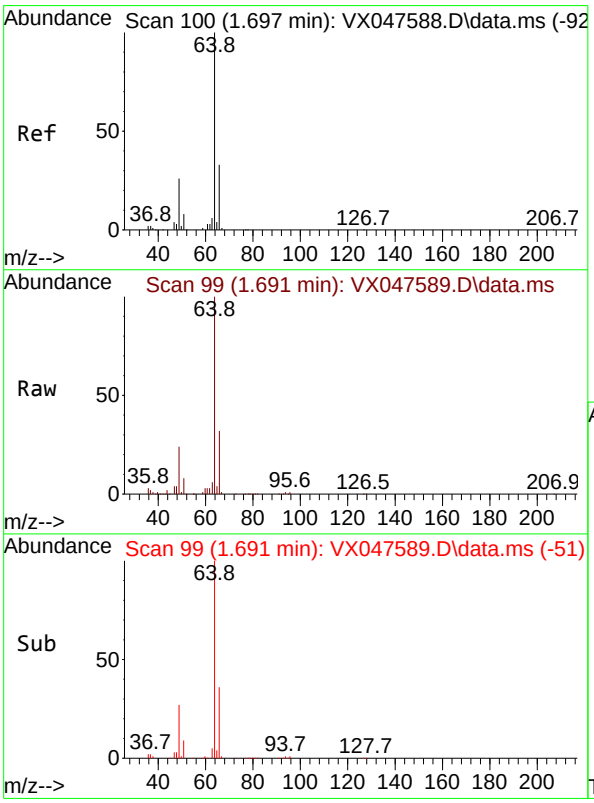
#5
Bromomethane
Concen: 100.076 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 143113

Ion	Ratio	Lower	Upper
94	100		
96	94.4	76.6	115.0

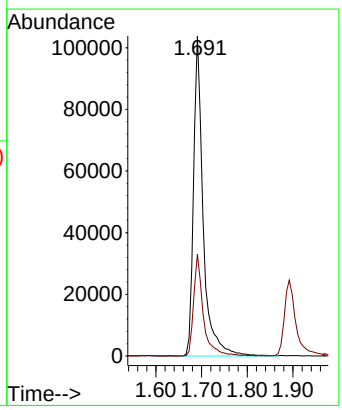


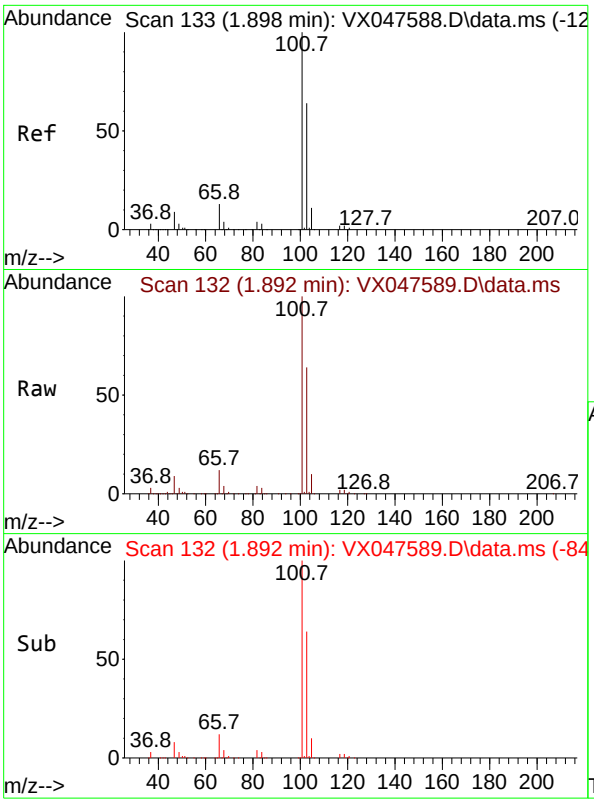


#6
Chloroethane
Concen: 101.167 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 64 Resp: 152487

Ion	Ratio	Lower	Upper
64	100		
66	31.8	26.1	39.1



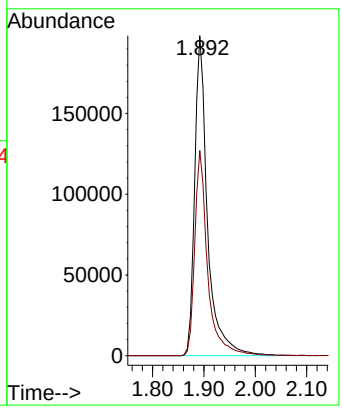


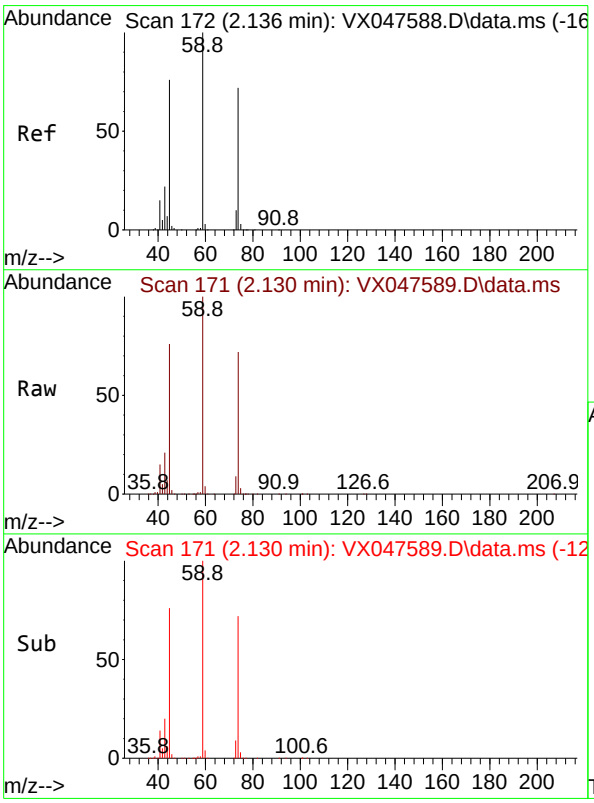
#7
Trichlorofluoromethane
Concen: 102.878 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 344488

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.4	77.2

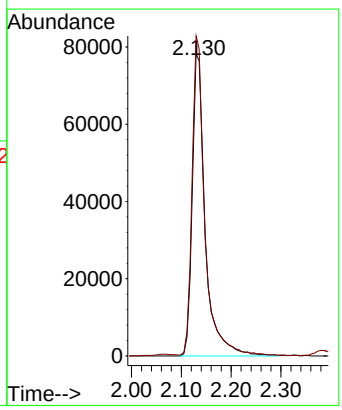


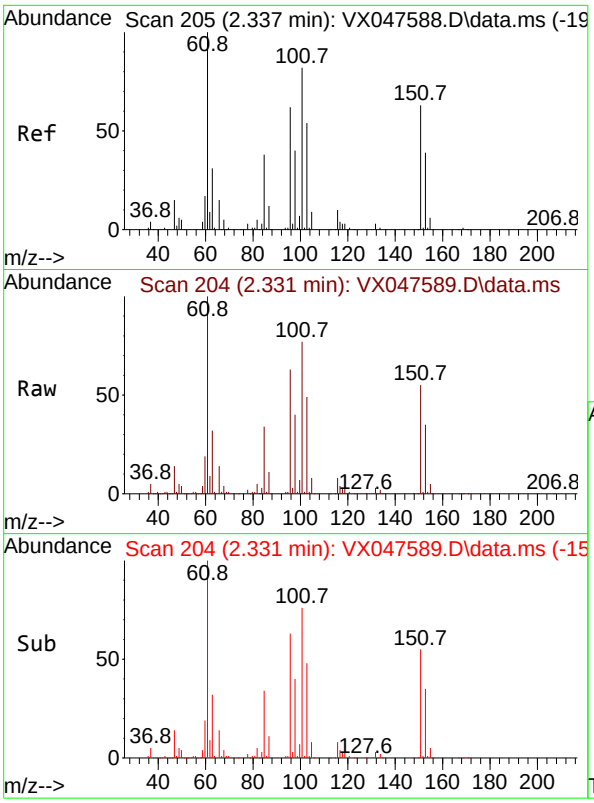


#8
Diethyl Ether
Concen: 103.695 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 74 Resp: 142038

Ion	Ratio	Lower	Upper
74	100		
45	104.6	52.3	156.8



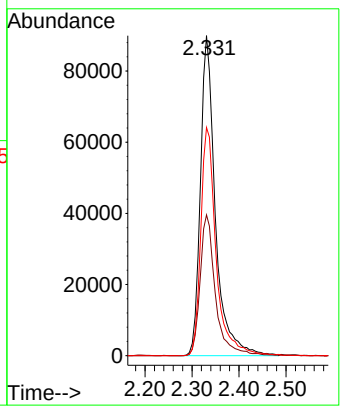


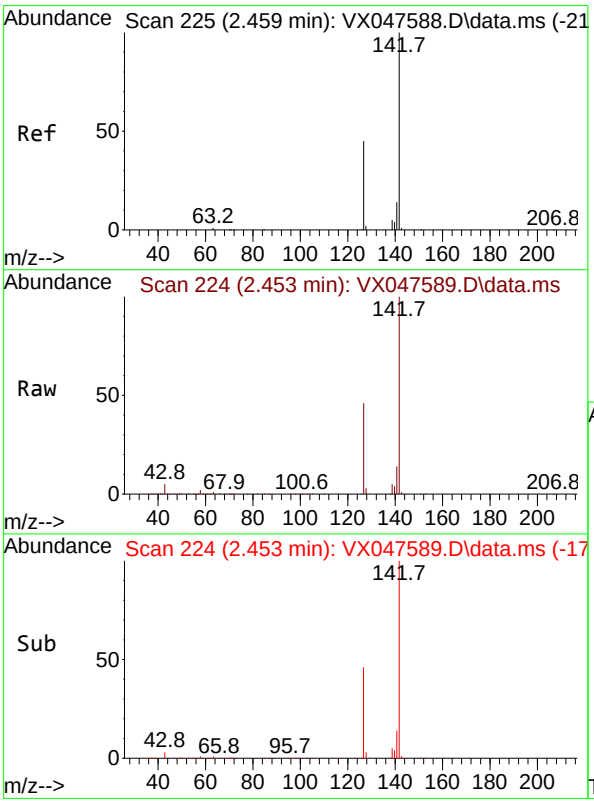
#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.067 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 199843

Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.5	53.3
151	73.6	59.4	89.0

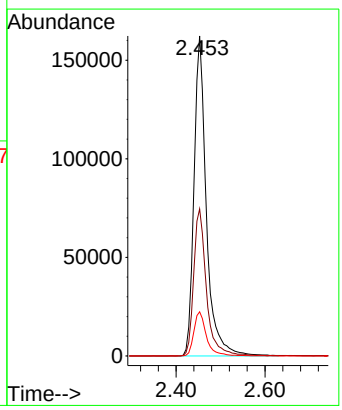


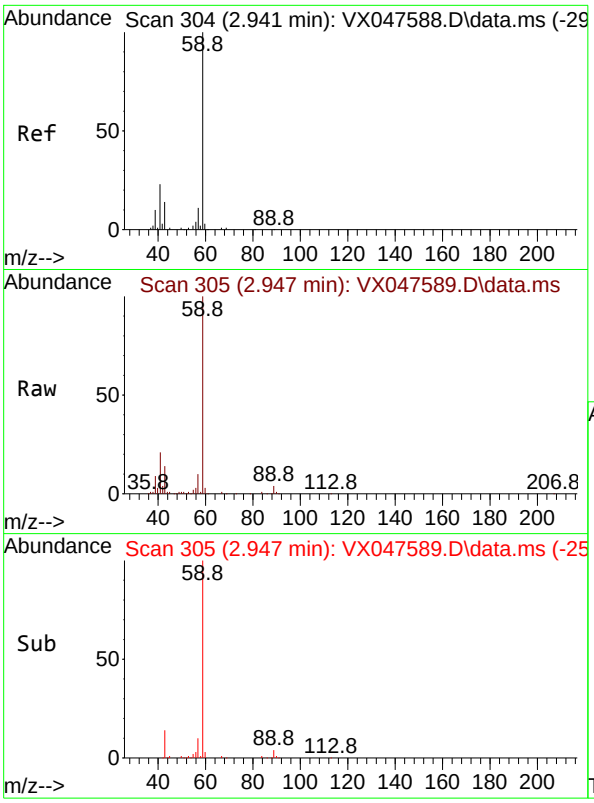


#10
Methyl Iodide
Concen: 102.531 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:142 Resp: 313092

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.2	55.8
141	14.1	11.4	17.0



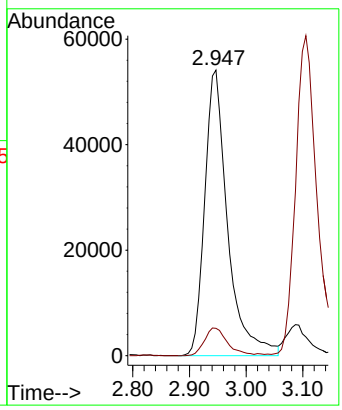


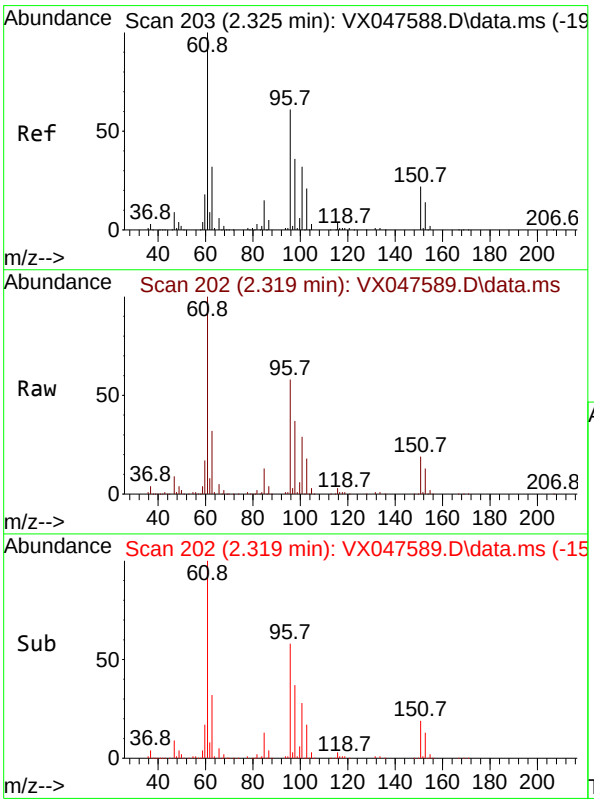
#11
Tert butyl alcohol
Concen: 506.863 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 152108

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5

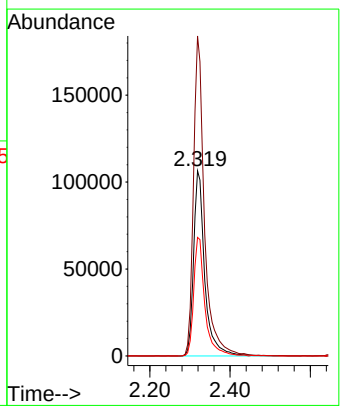


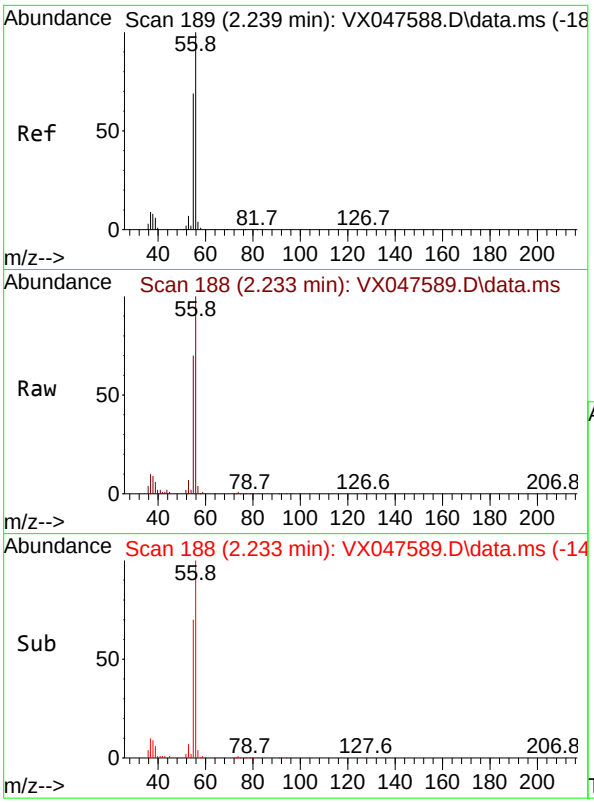


#12
1,1-Dichloroethene
Concen: 102.473 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 96 Resp: 206097

Ion	Ratio	Lower	Upper
96	100		
61	172.9	131.0	196.6
98	64.0	47.7	71.5



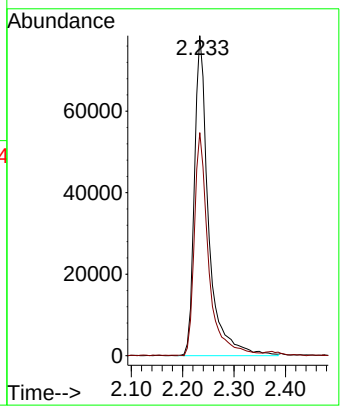


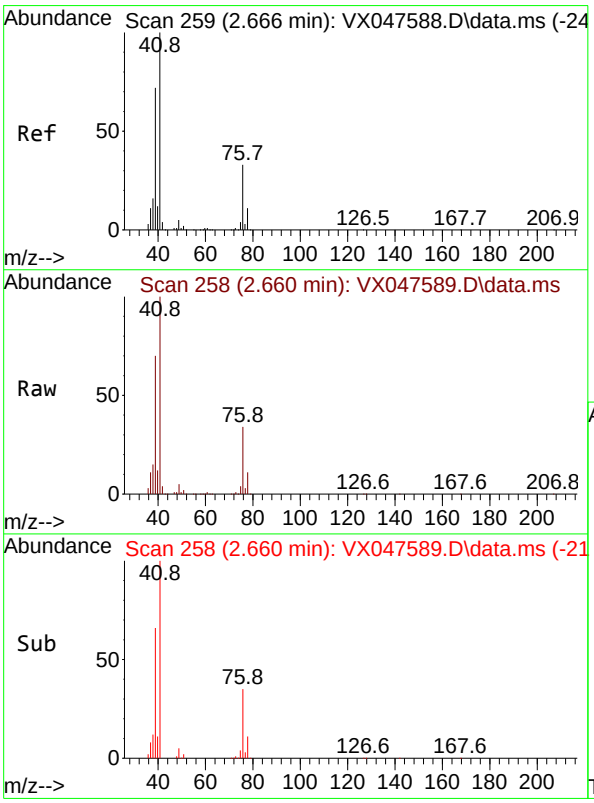
#13
Acrolein
Concen: 545.276 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 150793

Ion	Ratio	Lower	Upper
56	100		
55	69.4	57.2	85.8

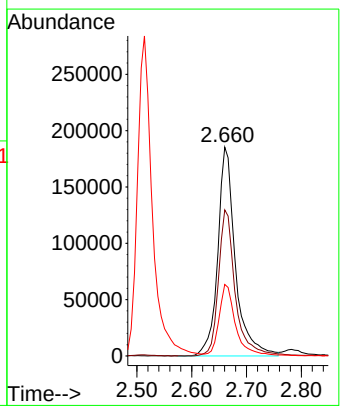


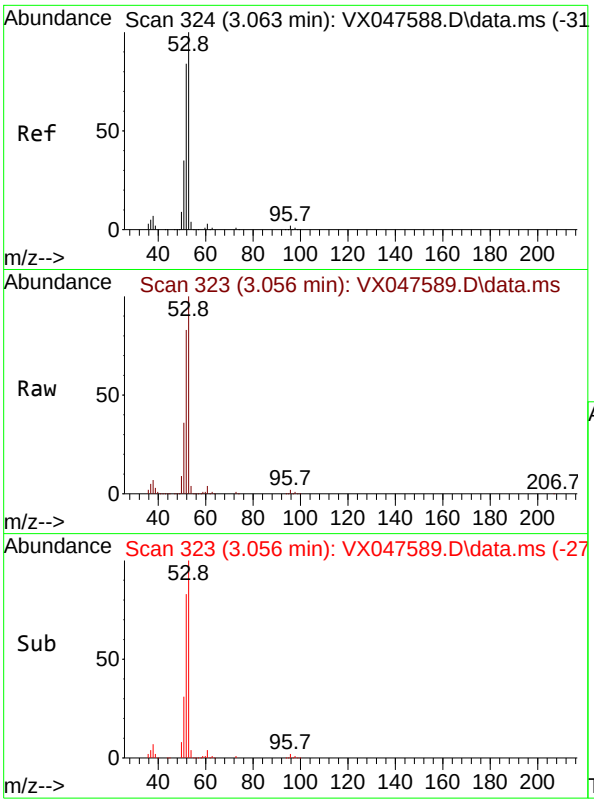


#14
Allyl chloride
Concen: 100.028 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 415140

Ion	Ratio	Lower	Upper
41	100		
39	67.0	54.7	82.1
76	32.2	25.7	38.5



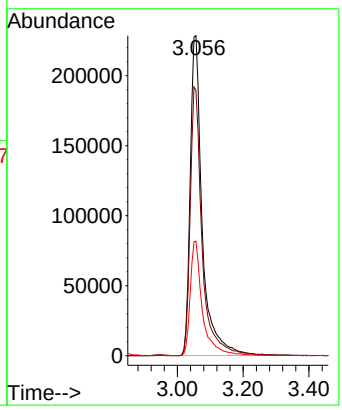


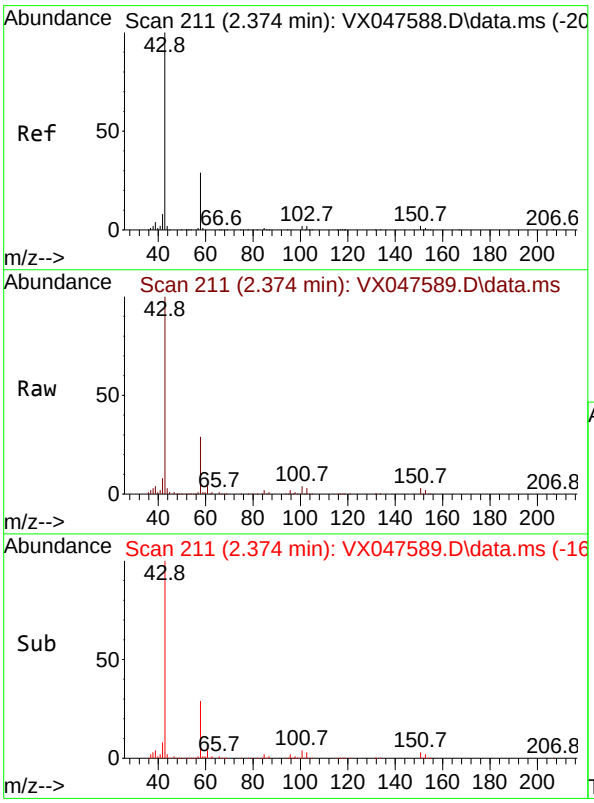
#15
Acrylonitrile
Concen: 522.897 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 581240

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.4	29.5	44.3

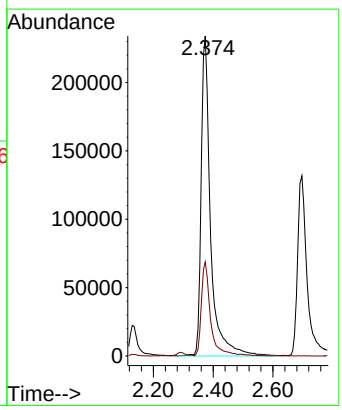


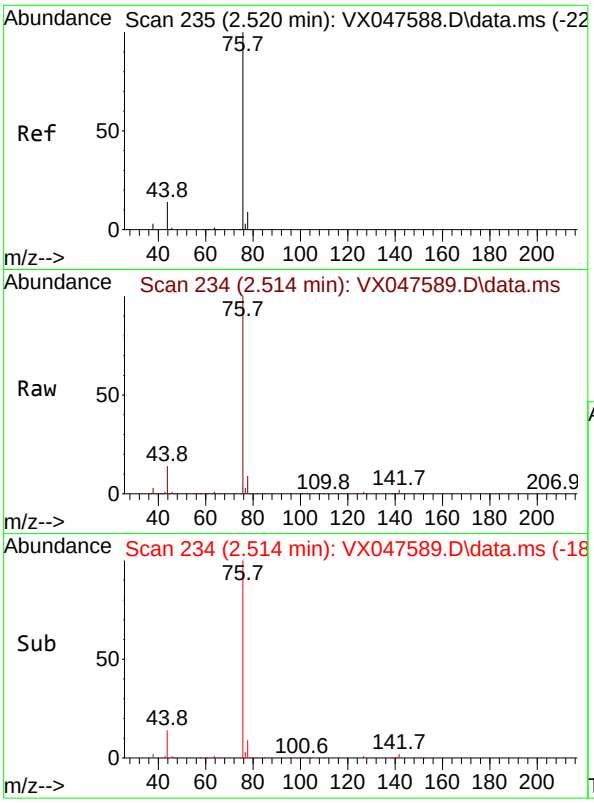


#16
Acetone
Concen: 435.772 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 510542

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.4	35.0



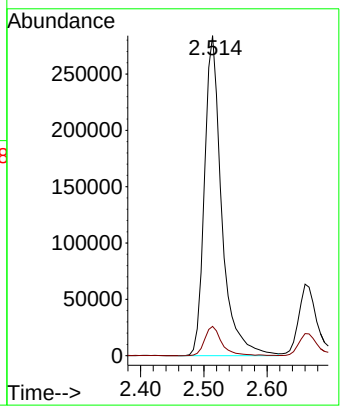


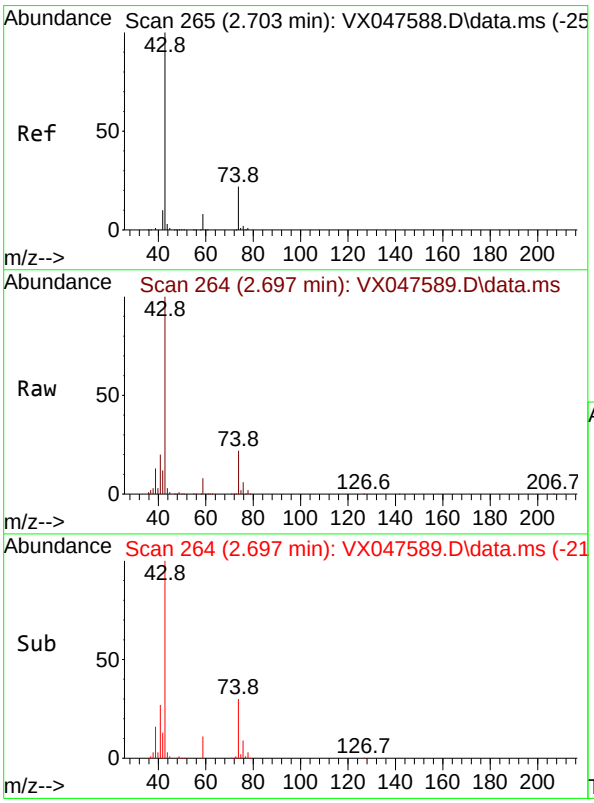
#17
Carbon Disulfide
Concen: 97.693 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 537888

Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.8	10.2

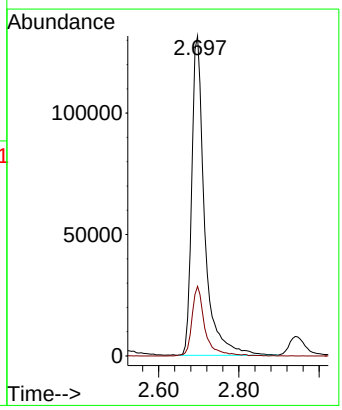


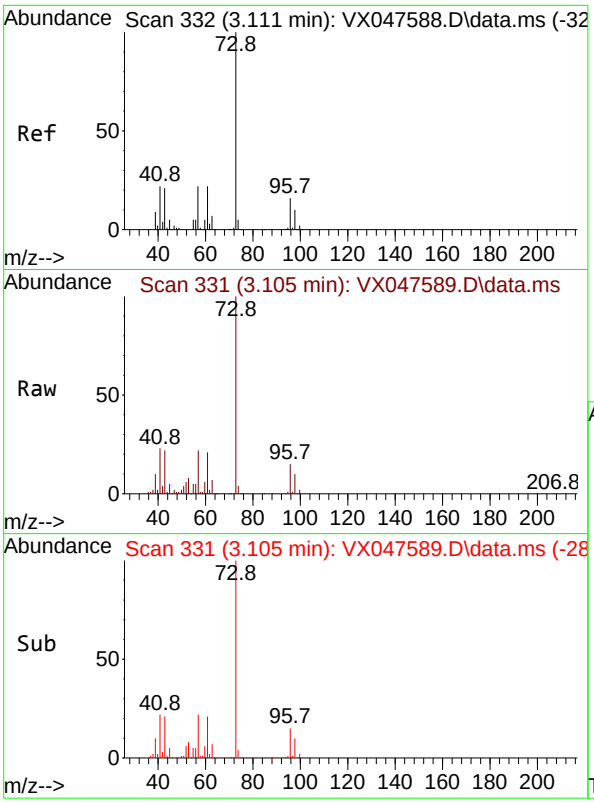


#18
Methyl Acetate
Concen: 112.324 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 292867

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2



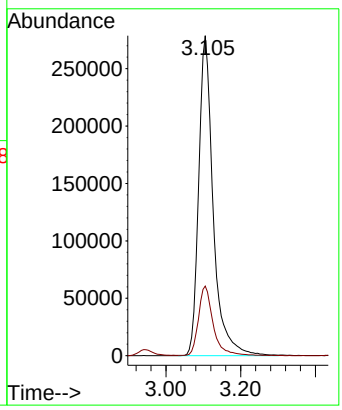


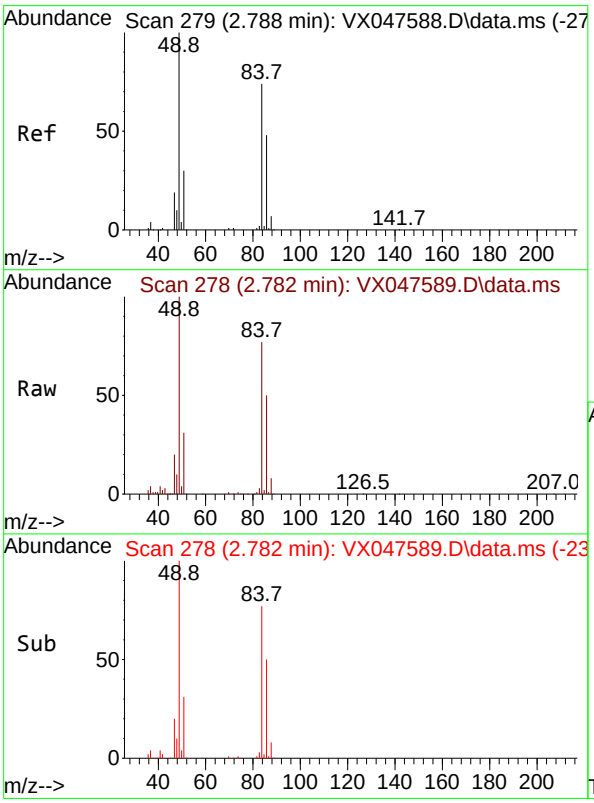
#19
Methyl tert-butyl Ether
Concen: 102.011 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 748952

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2

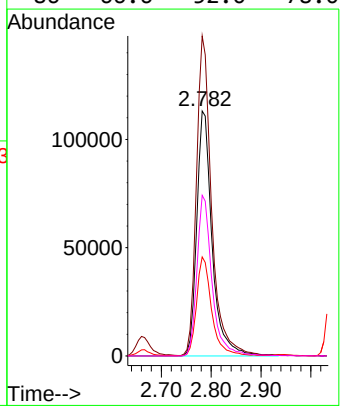


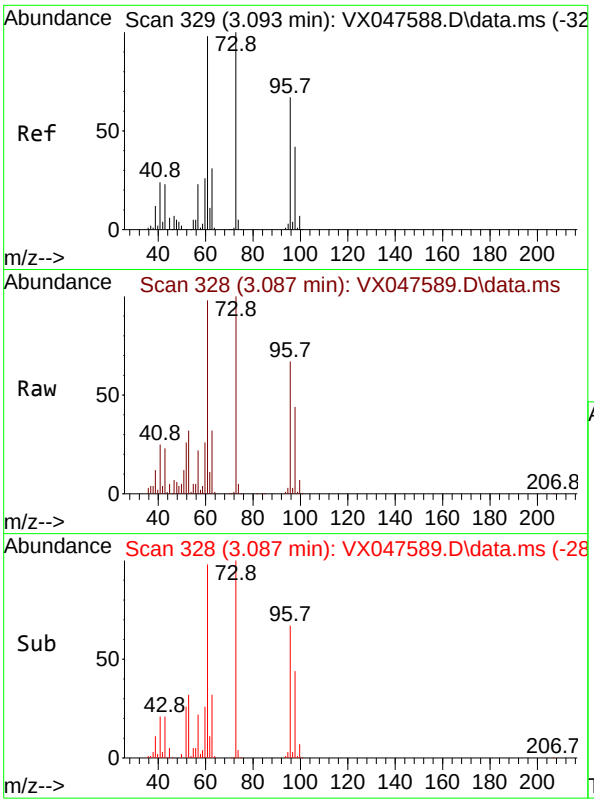


#20
Methylene Chloride
Concen: 97.805 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 84 Resp: 242548

Ion	Ratio	Lower	Upper
84	100		
49	130.4	108.6	162.8
51	40.3	32.6	48.8
86	66.6	52.0	78.0



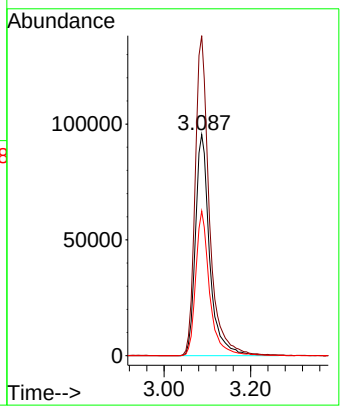


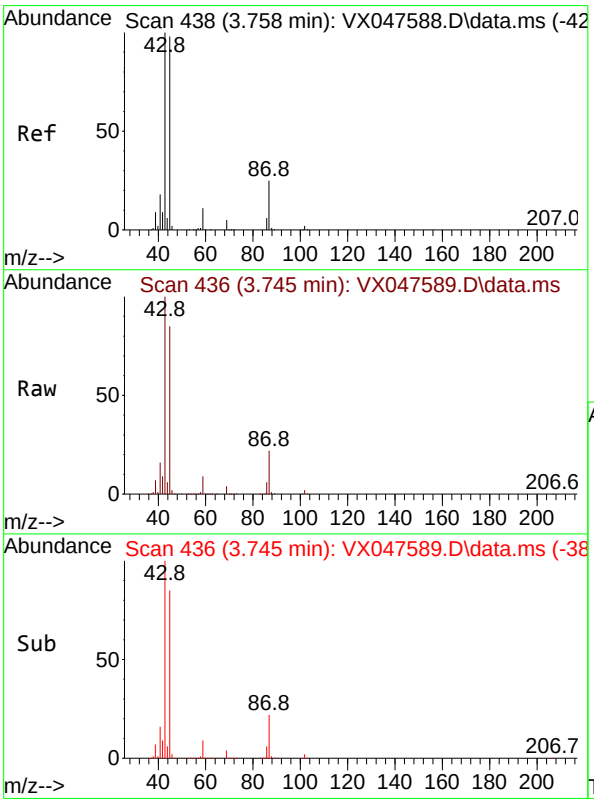
#21
trans-1,2-Dichloroethene
Concen: 100.566 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 217759

Ion	Ratio	Lower	Upper
96	100		
61	144.7	116.2	174.2
98	65.4	49.3	73.9

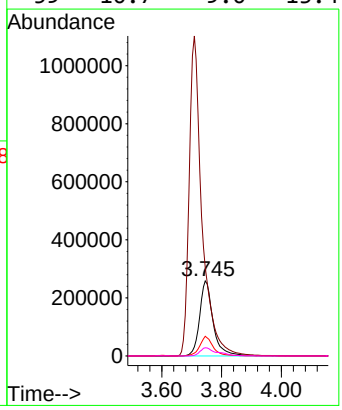


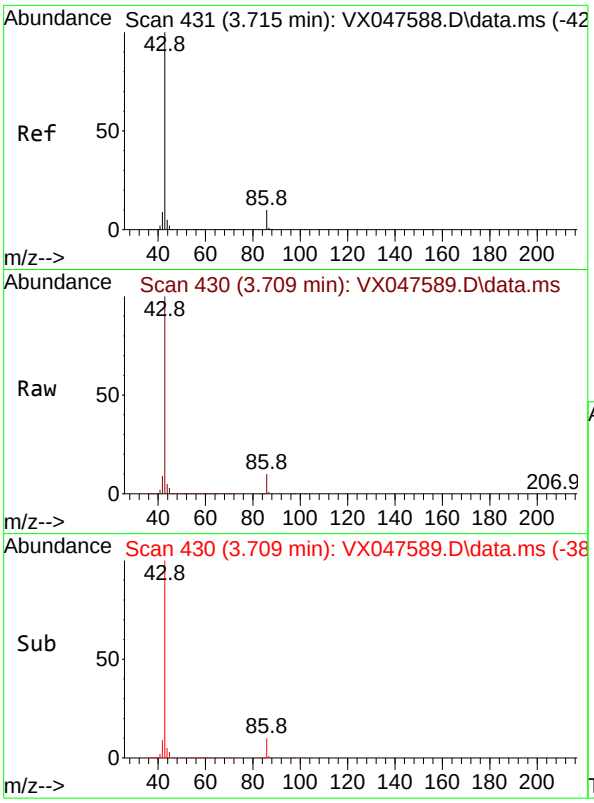


#22
Diisopropyl ether
Concen: 100.934 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 45 Resp: 811840

Ion	Ratio	Lower	Upper
45	100		
43	117.3	81.0	121.4
87	26.1	20.3	30.5
59	10.7	9.0	13.4



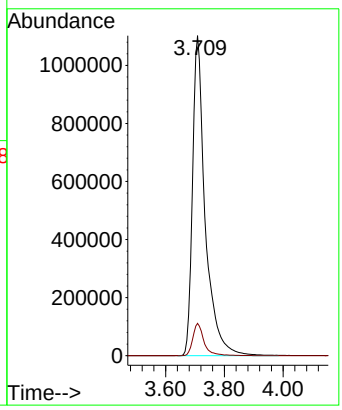


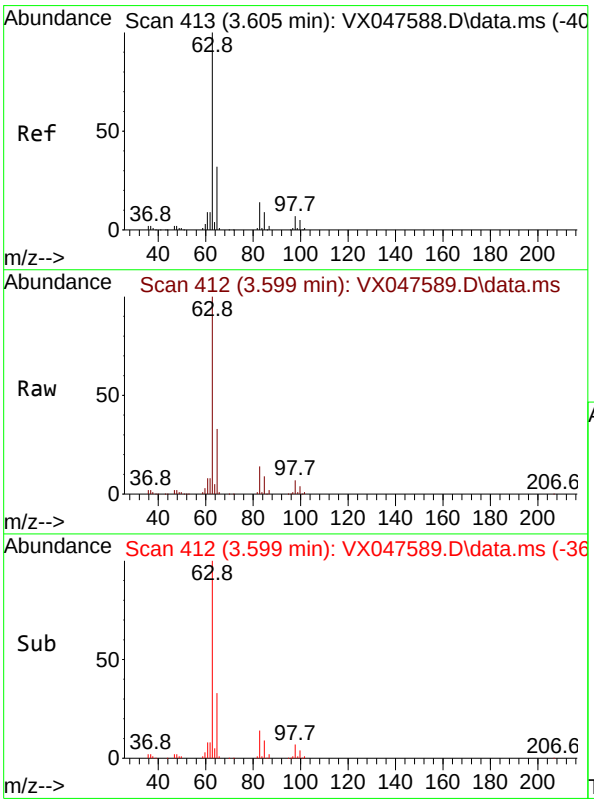
#23
Vinyl Acetate
Concen: 514.916 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 3314707

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.8	11.8

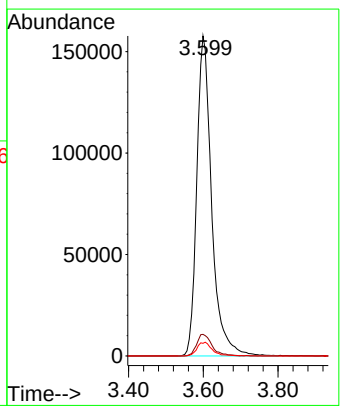


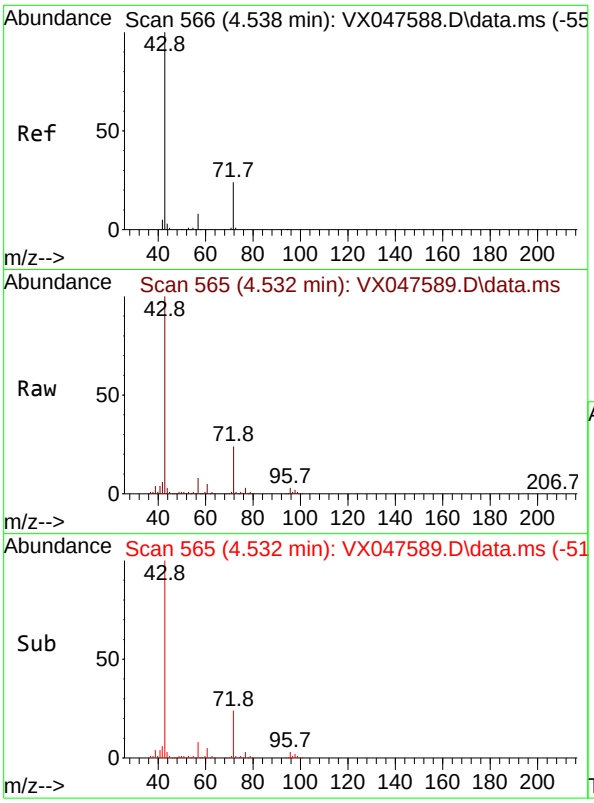


#24
1,1-Dichloroethane
Concen: 101.944 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 435815

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.0	2.3	6.9



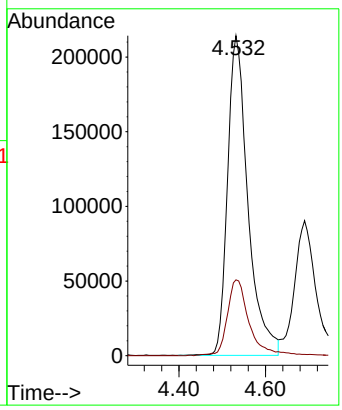


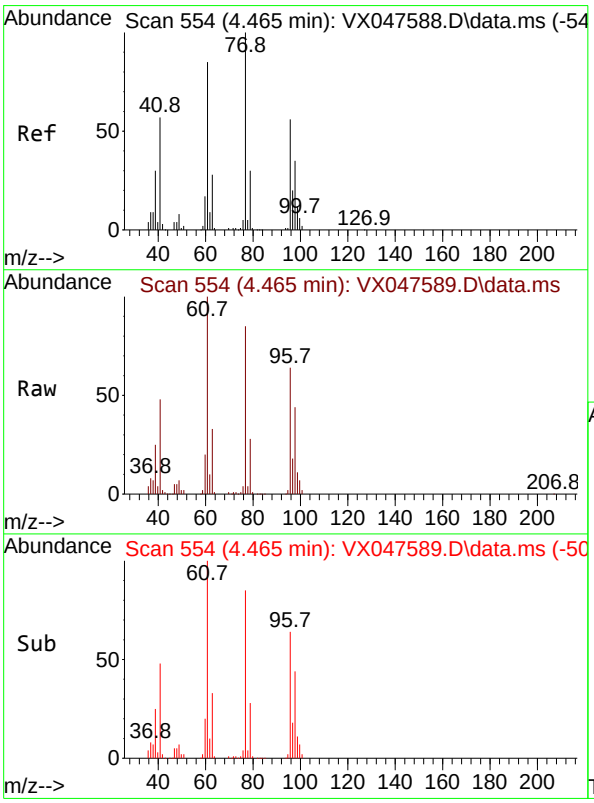
#25
2-Butanone
Concen: 479.558 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 700827

Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.1	30.1

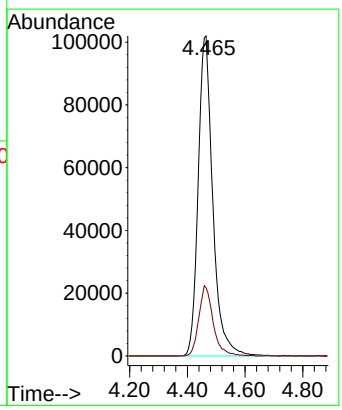


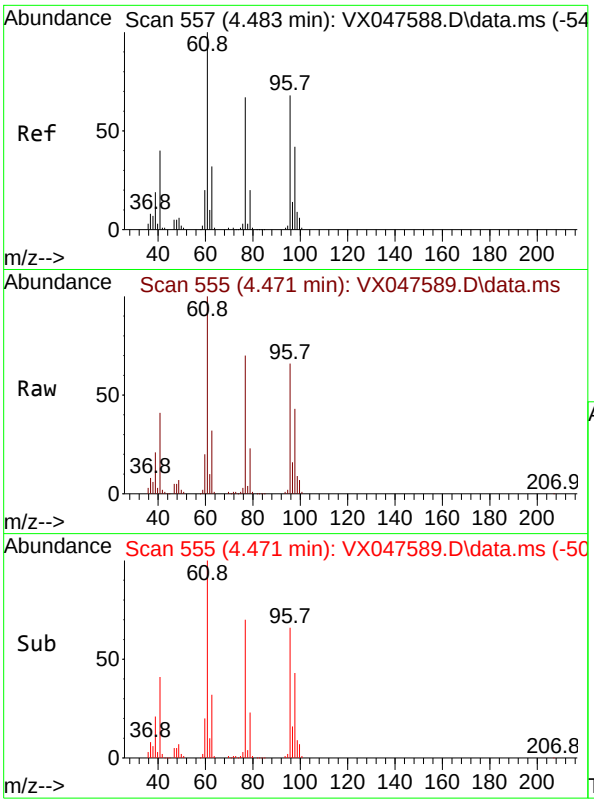


#26
2,2-Dichloropropane
Concen: 100.542 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 77 Resp: 357292

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.9	32.7



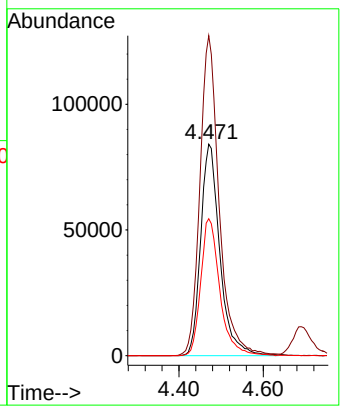


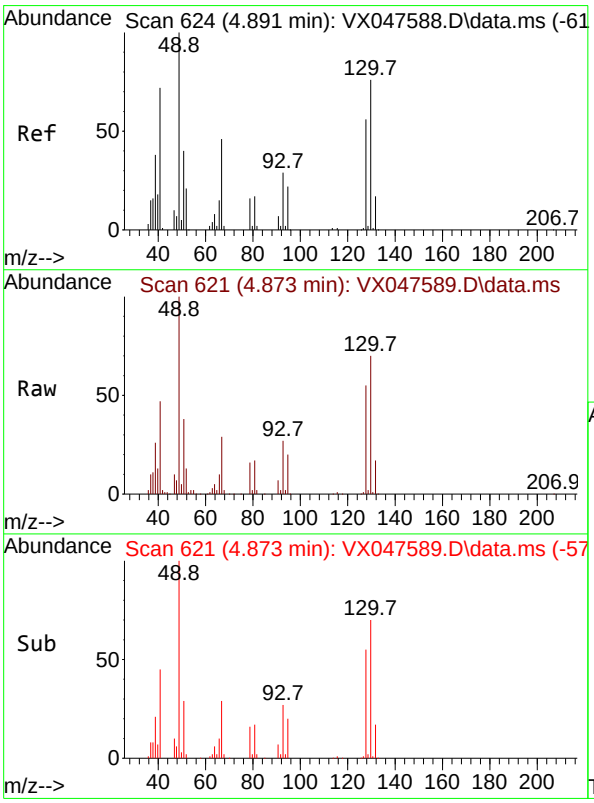
#27
cis-1,2-Dichloroethene
Concen: 100.516 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 266550

Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	303.2
98	64.4	0.0	127.8

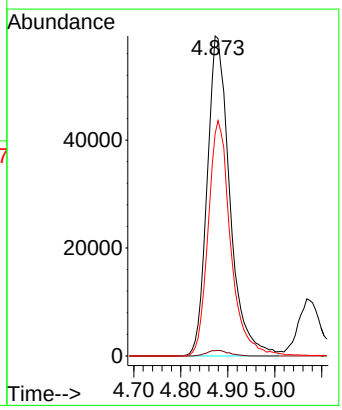


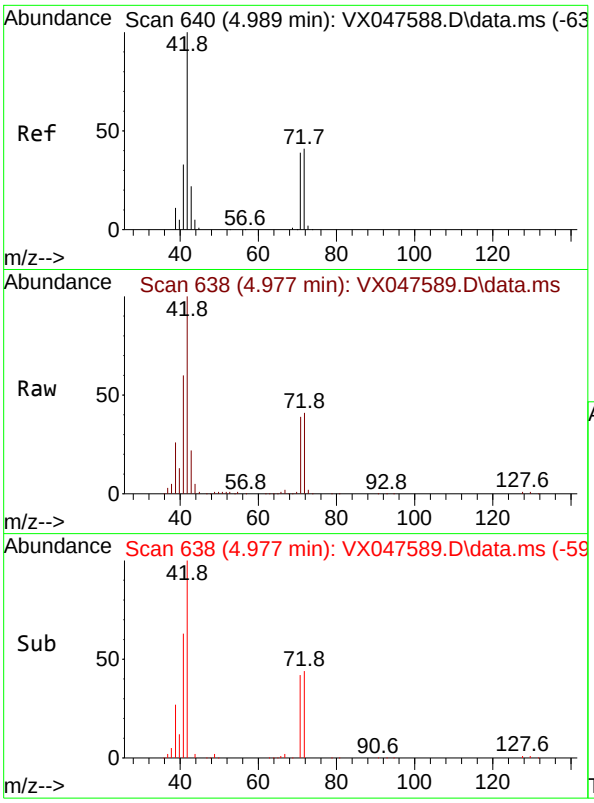


#28
Bromochloromethane
Concen: 106.512 ug/l
RT: 4.873 min Scan# 621
Delta R.T. -0.018 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 49 Resp: 198788

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	72.8	57.8	86.8



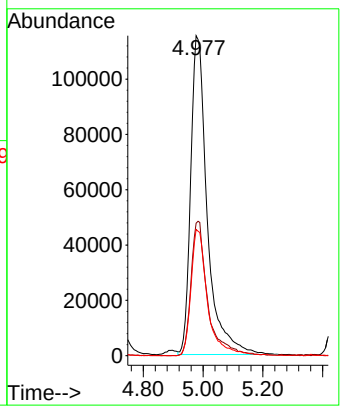


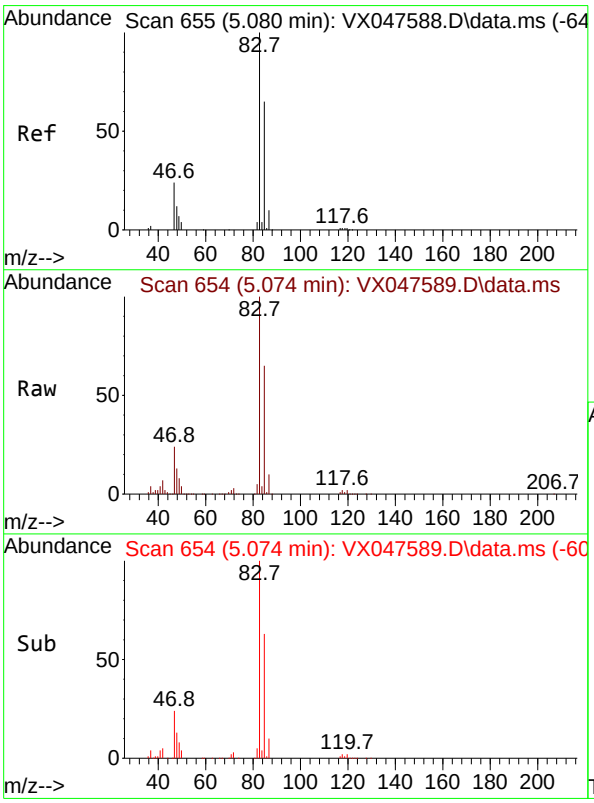
#29
Tetrahydrofuran
Concen: 504.502 ug/l
RT: 4.977 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 443530

Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.2	51.2
71	39.5	31.9	47.9

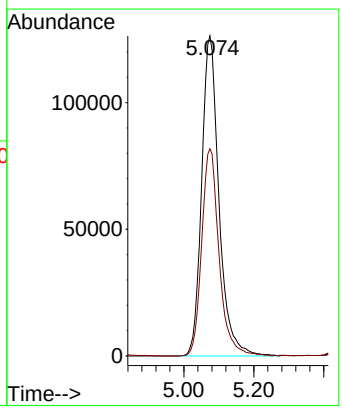


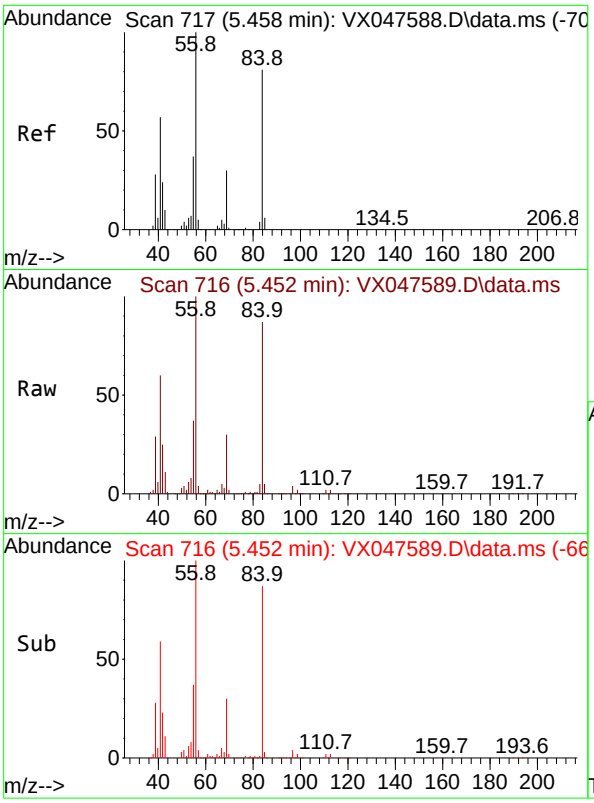


#30
Chloroform
Concen: 100.447 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 433937

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.6



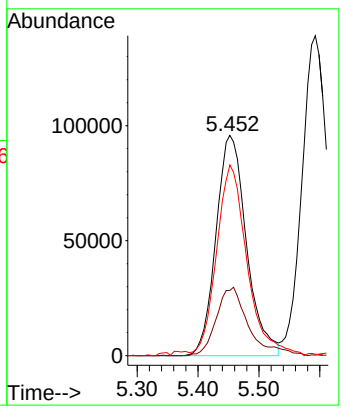


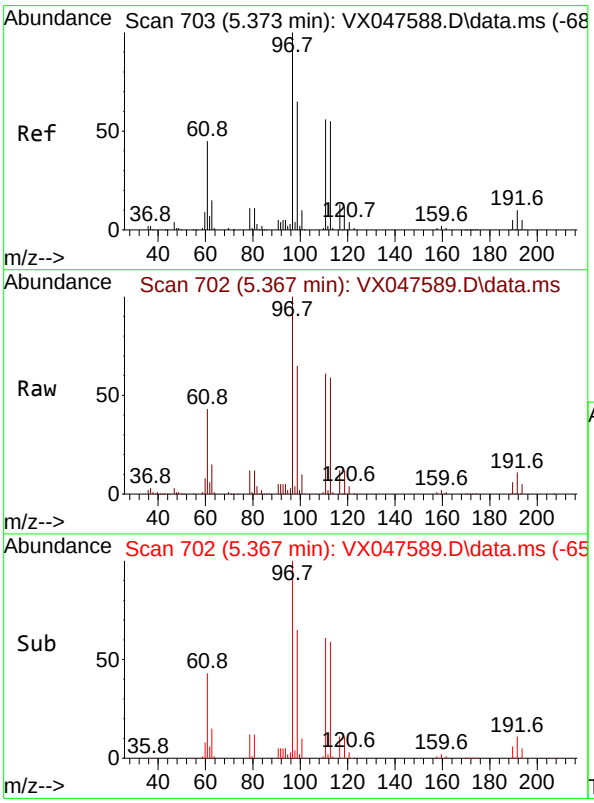
#31
Cyclohexane
Concen: 93.523 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 332995

Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.8	35.8
84	84.7	64.6	97.0

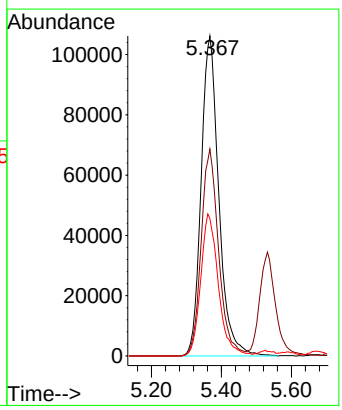


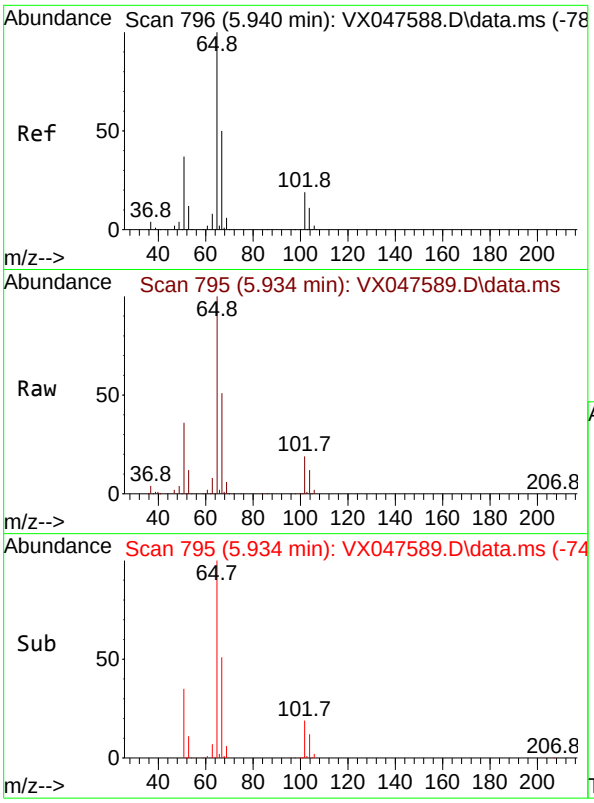


#32
1,1,1-Trichloroethane
Concen: 101.607 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 97 Resp: 372323

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	76.0
61	44.4	35.8	53.8



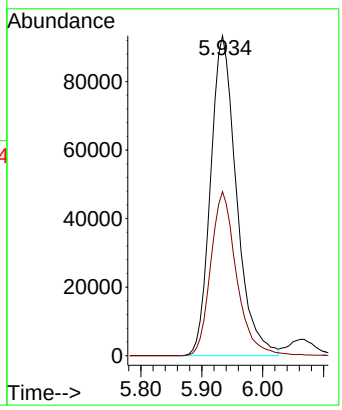


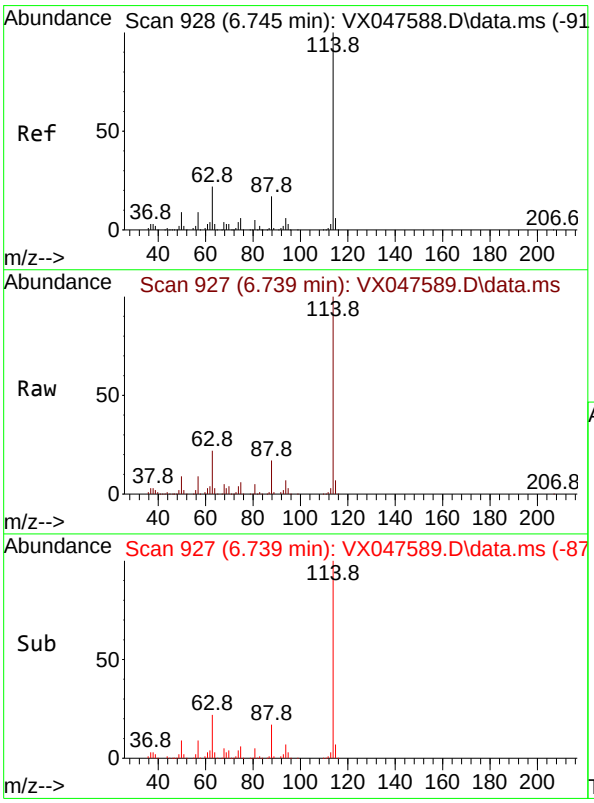
#33
1,2-Dichloroethane-d4
Concen: 102.341 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 275758

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0

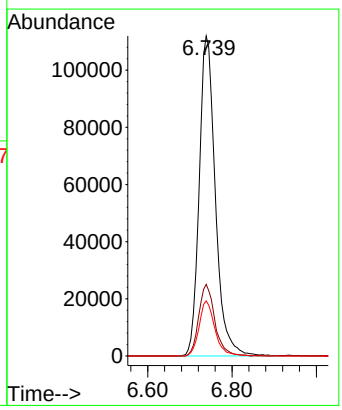


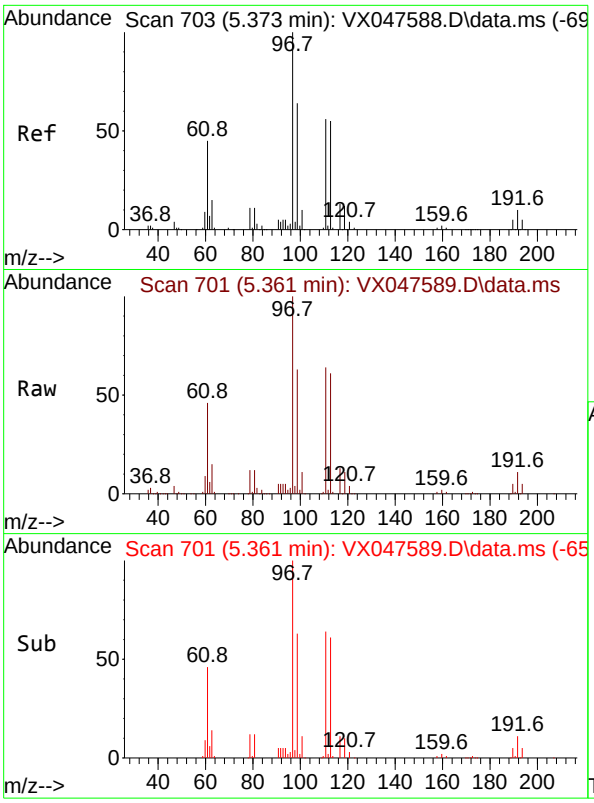


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:114 Resp: 298913

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	17.2	0.0	34.2



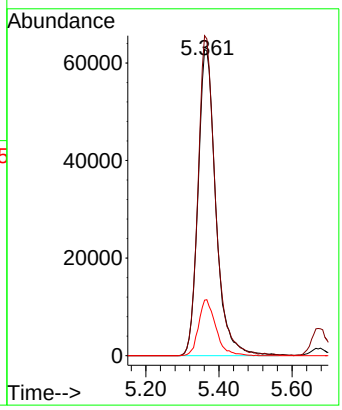


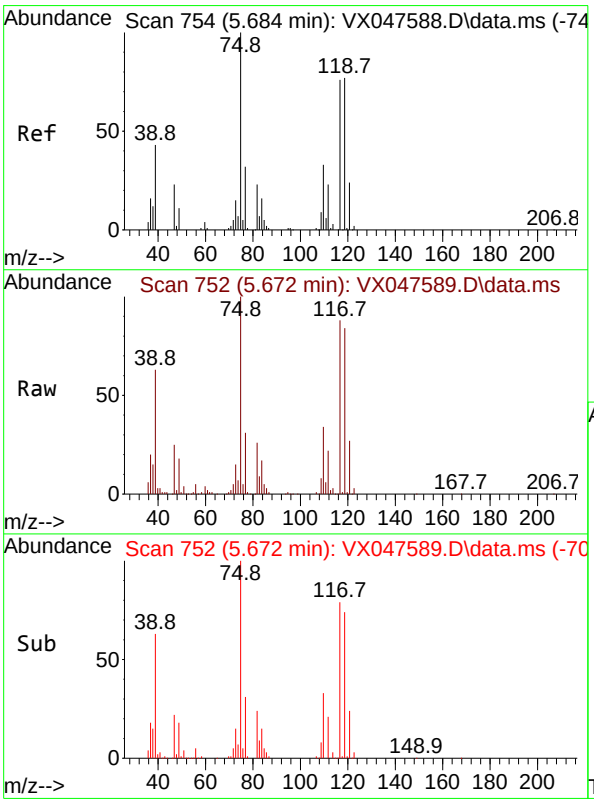
#35
Dibromofluoromethane
Concen: 105.962 ug/l
RT: 5.361 min Scan# 7(
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 212419

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.9	121.3
192	17.7	14.2	21.4

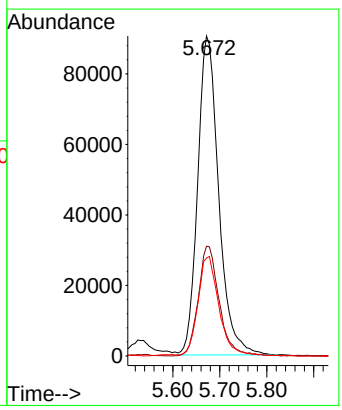


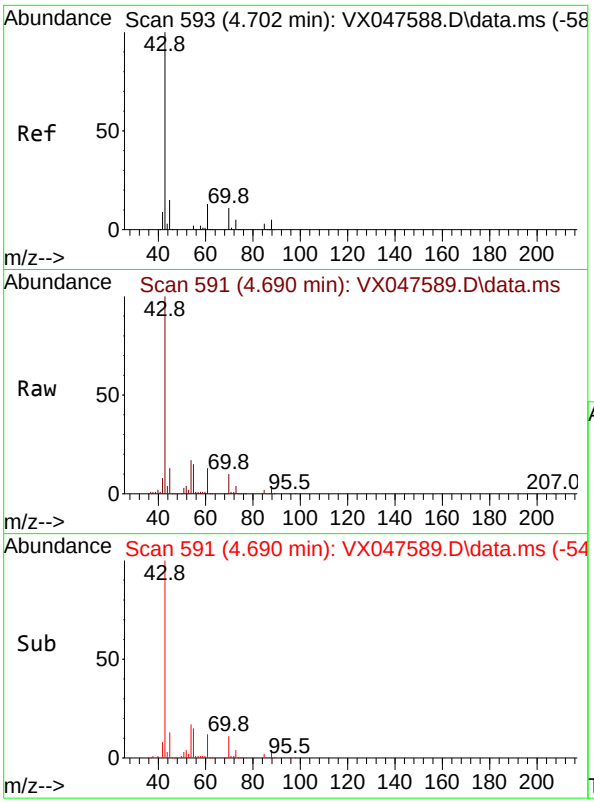


#36
1,1-Dichloropropene
Concen: 96.149 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 281650

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.7	50.1
77	31.3	24.3	36.5



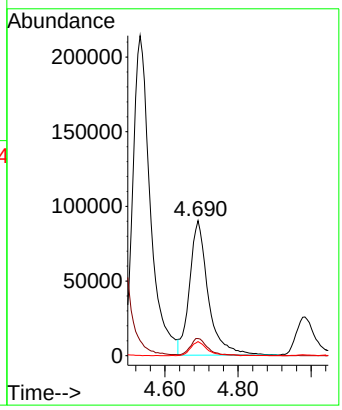


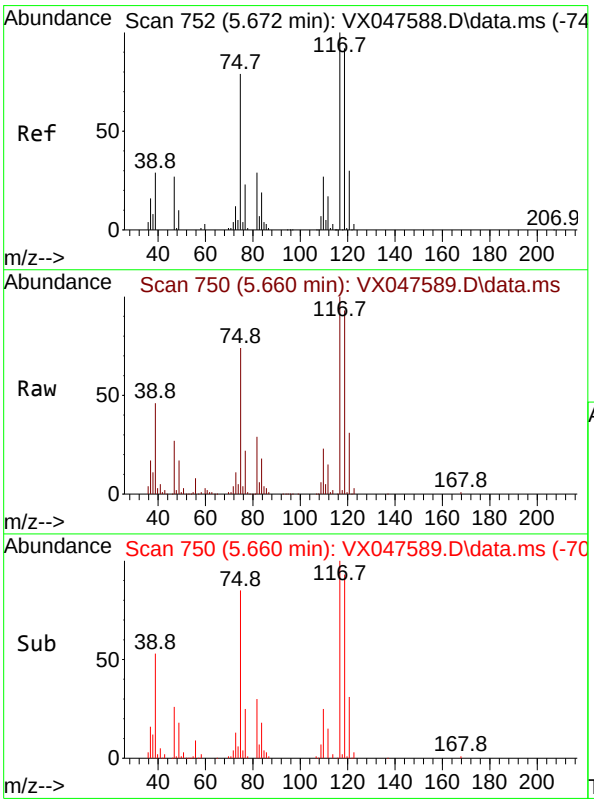
#37
Ethyl Acetate
Concen: 101.641 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 318793

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	9.4	7.9	11.9

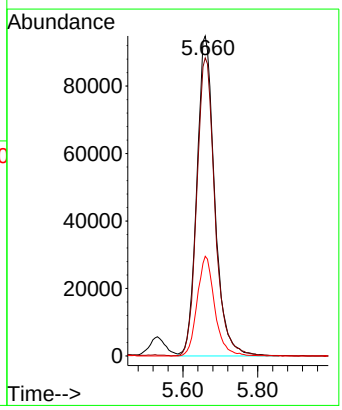


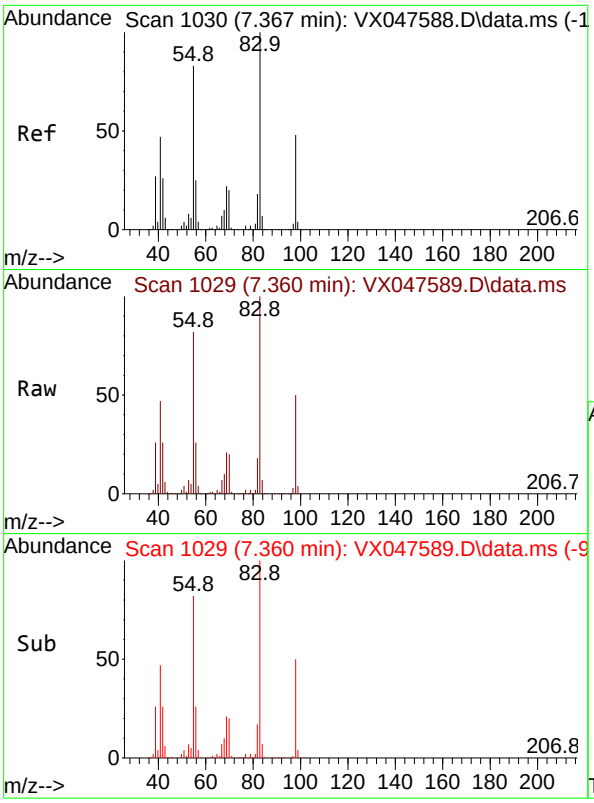


#38
Carbon Tetrachloride
Concen: 98.891 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 314745

Ion	Ratio	Lower	Upper
117	100		
119	93.0	73.4	110.2
121	31.2	23.8	35.6



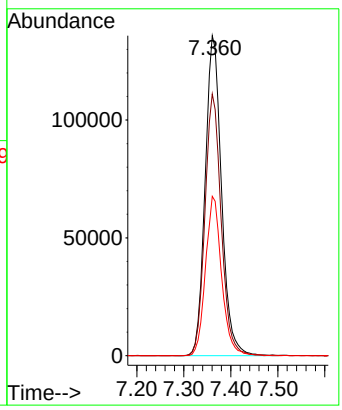


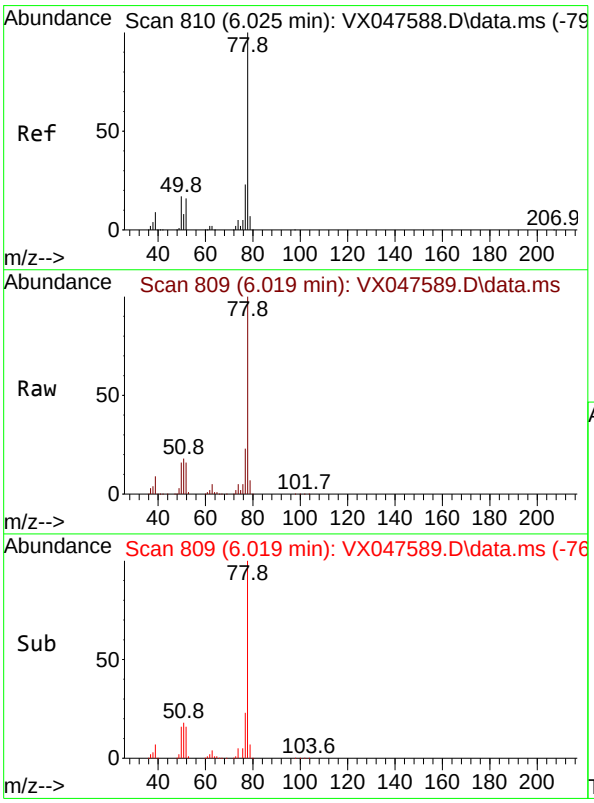
#39
Methylcyclohexane
Concen: 98.600 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 327858

Ion	Ratio	Lower	Upper
83	100		
55	81.8	66.4	99.6
98	49.8	38.1	57.1

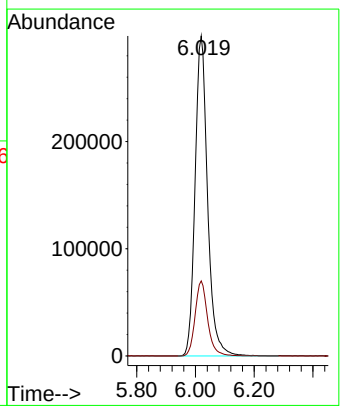


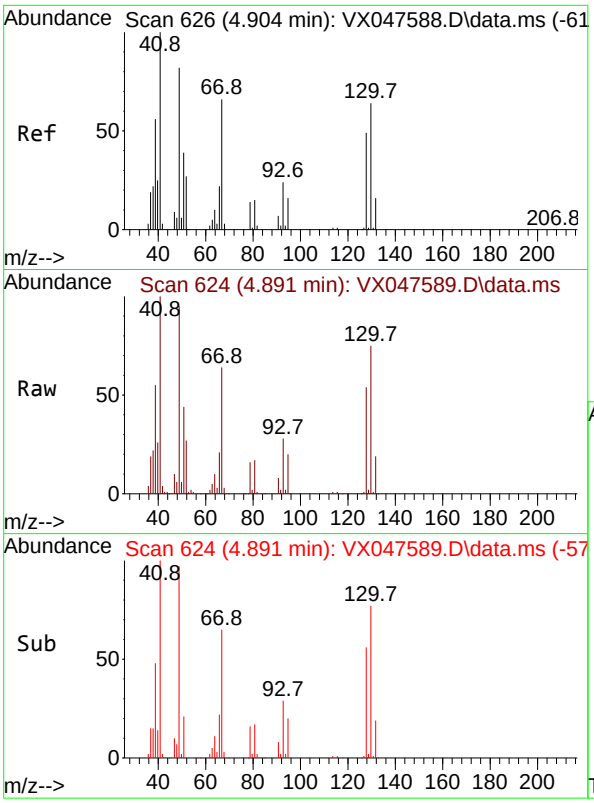


#40
Benzene
Concen: 99.009 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 78 Resp: 880885

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



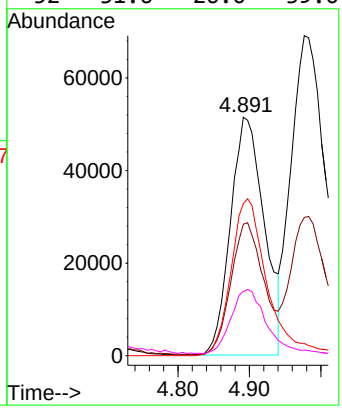


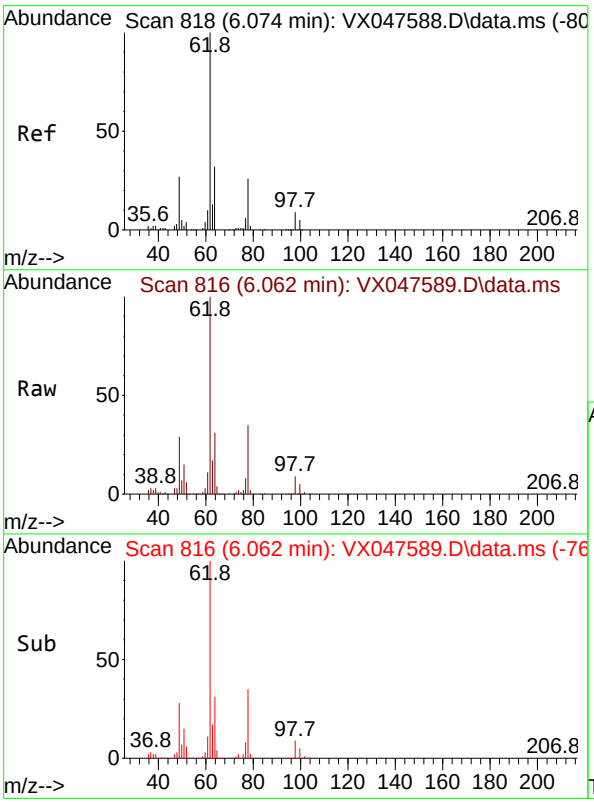
#41
Methacrylonitrile
Concen: 104.220 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 168753

Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	72.1	58.6	87.8
52	31.6	26.0	39.0

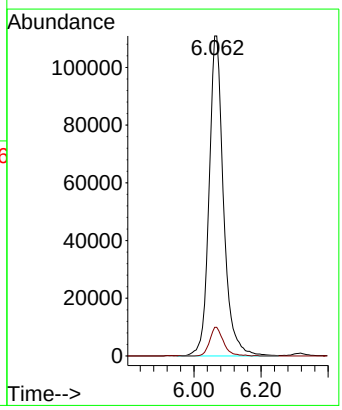


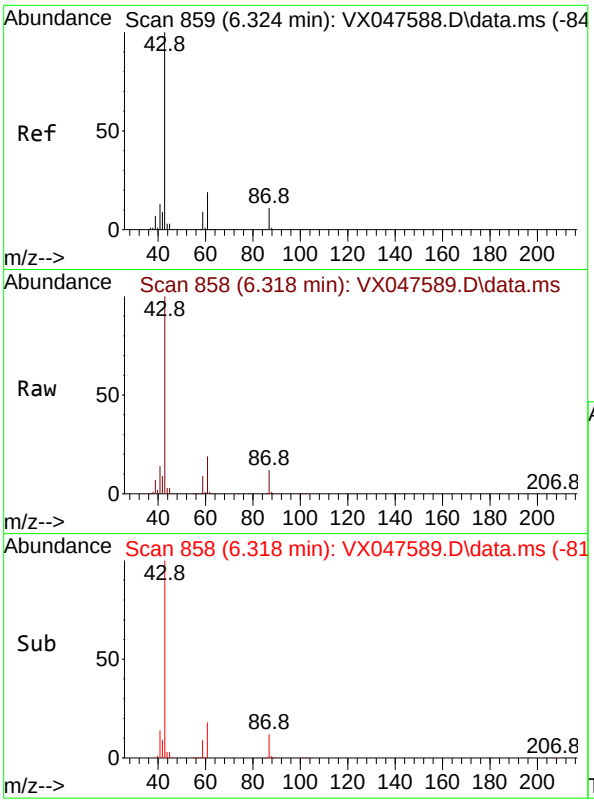


#42
1,2-Dichloroethane
Concen: 97.916 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 331465

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0



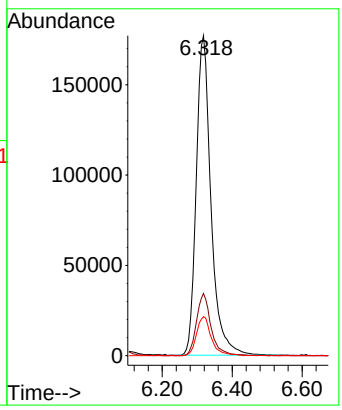


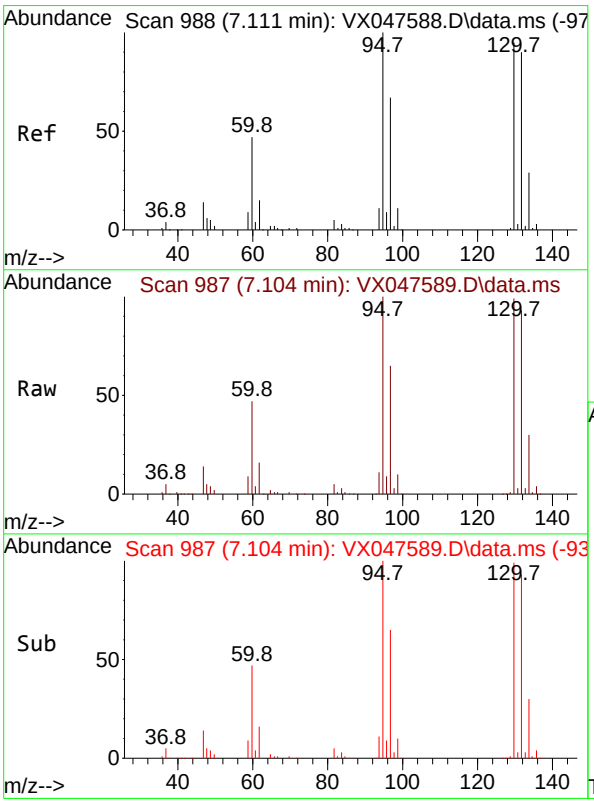
#43
Isopropyl Acetate
Concen: 100.482 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 516875

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	12.3	9.6	14.4

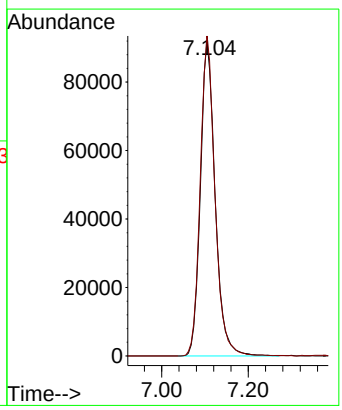


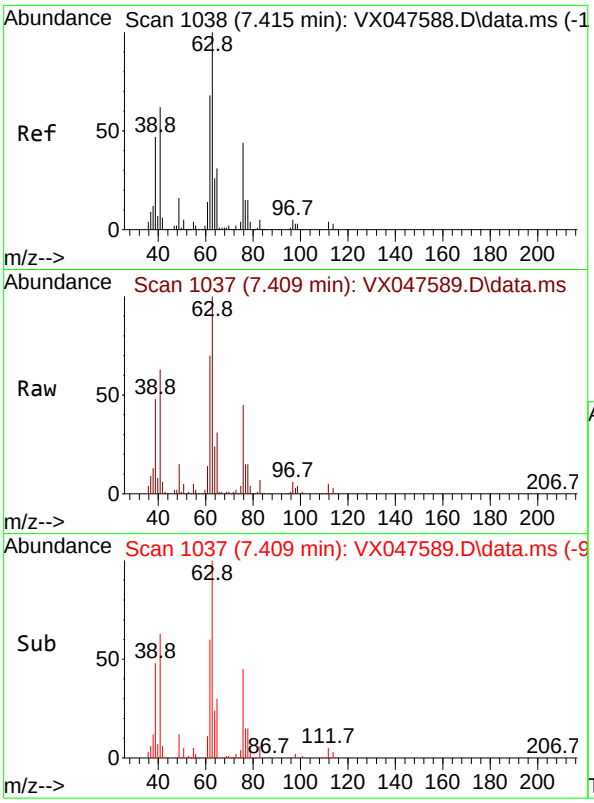


#44
Trichloroethene
Concen: 101.234 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:130 Resp: 217753

Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	210.8



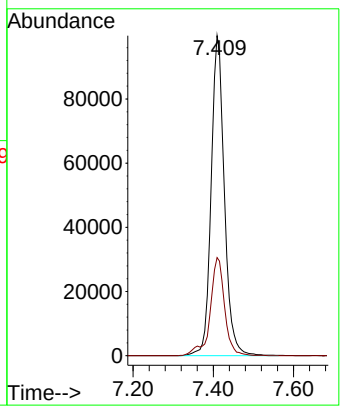


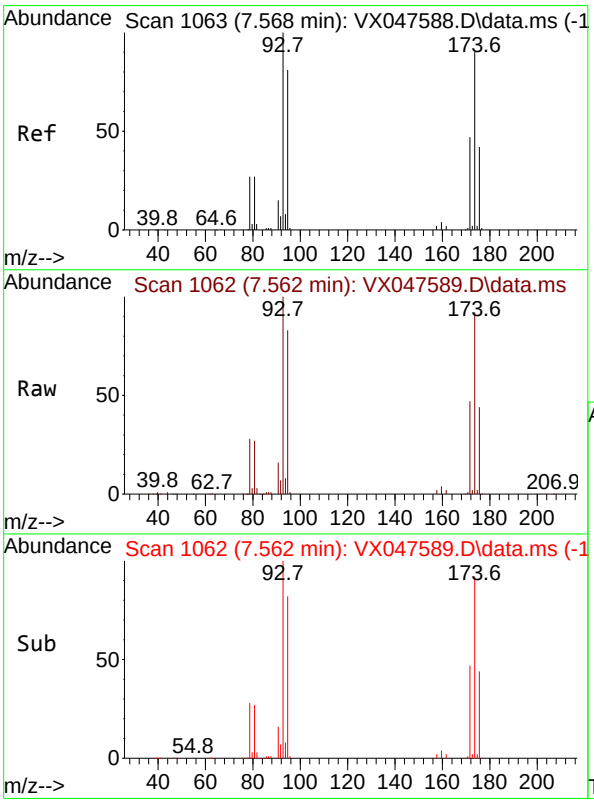
#45
1,2-Dichloropropane
Concen: 100.145 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 228150

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1

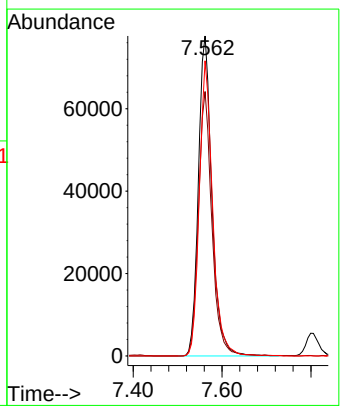


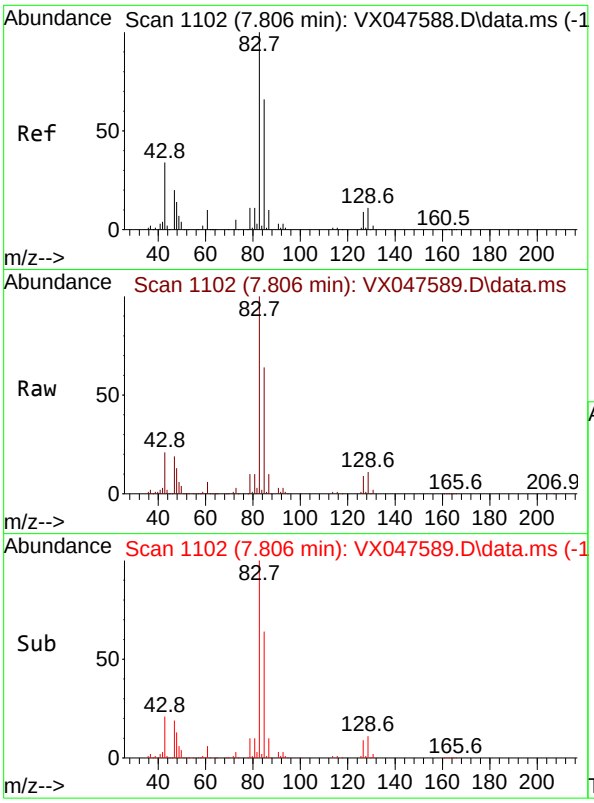


#46
Dibromomethane
Concen: 99.519 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 93 Resp: 164987

Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.0	97.6
174	90.5	71.6	107.4



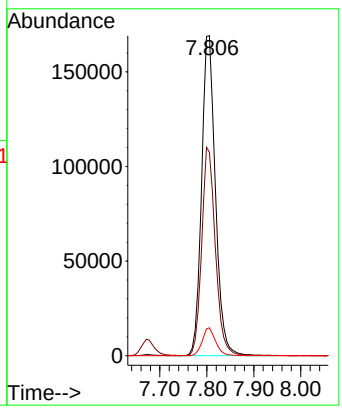


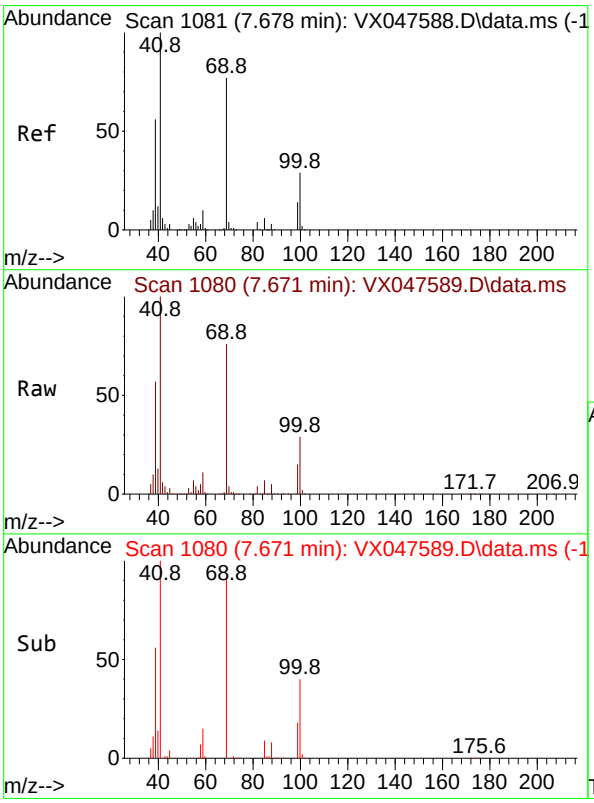
#47
Bromodichloromethane
Concen: 101.136 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 345991

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.7	6.9	10.3

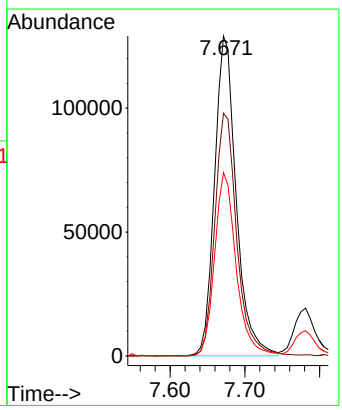


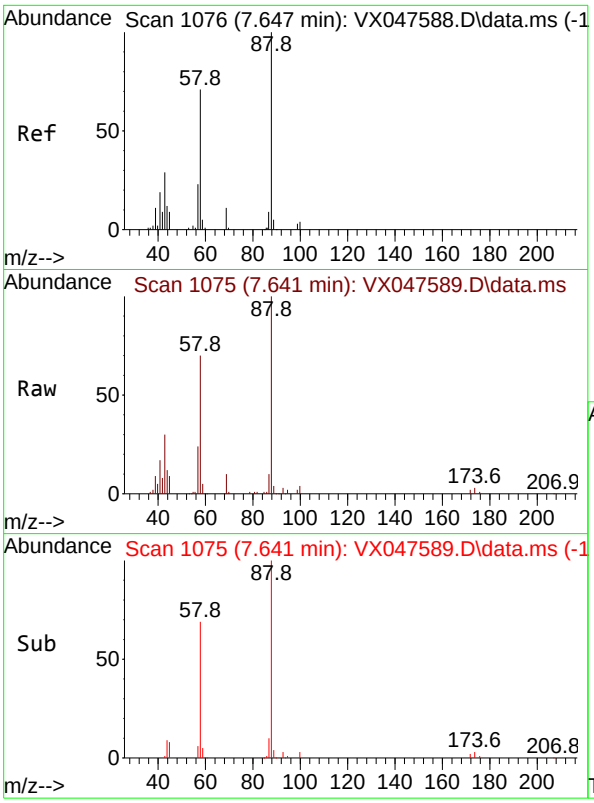


#48
Methyl methacrylate
Concen: 101.612 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 260358

Ion	Ratio	Lower	Upper
41	100		
69	77.1	61.4	92.2
39	57.0	45.8	68.6



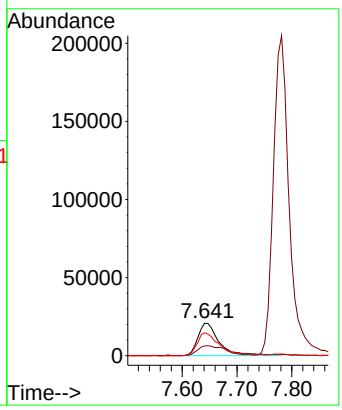


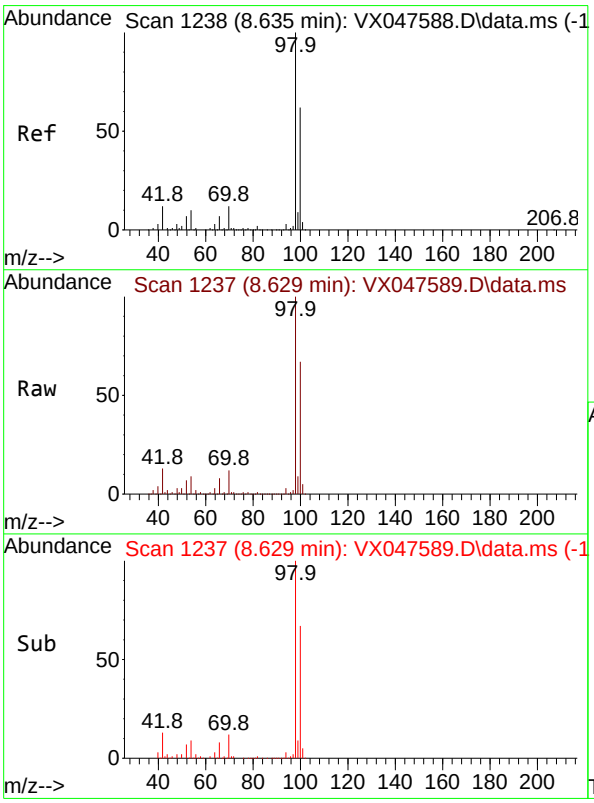
#49
1,4-Dioxane
Concen: 2190.315 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 56717

Ion	Ratio	Lower	Upper
88	100		
43	39.4	30.2	45.2
58	74.0	59.5	89.3

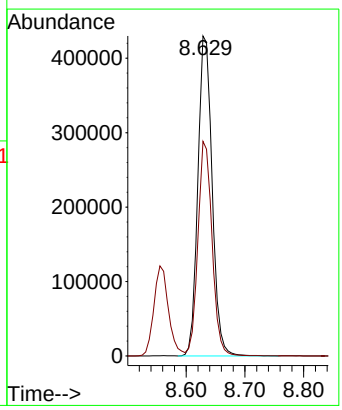


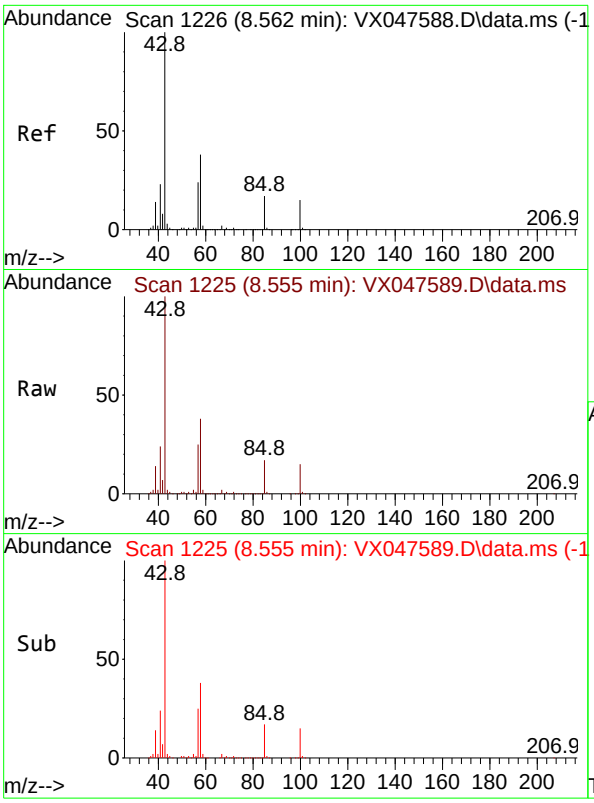


#50
Toluene-d8
Concen: 104.386 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 98 Resp: 724078

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4



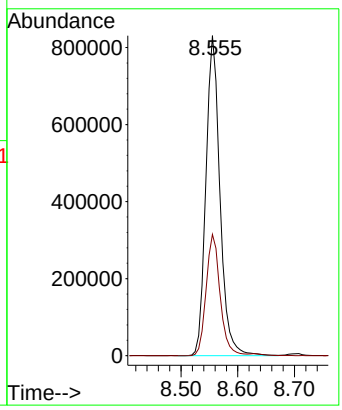


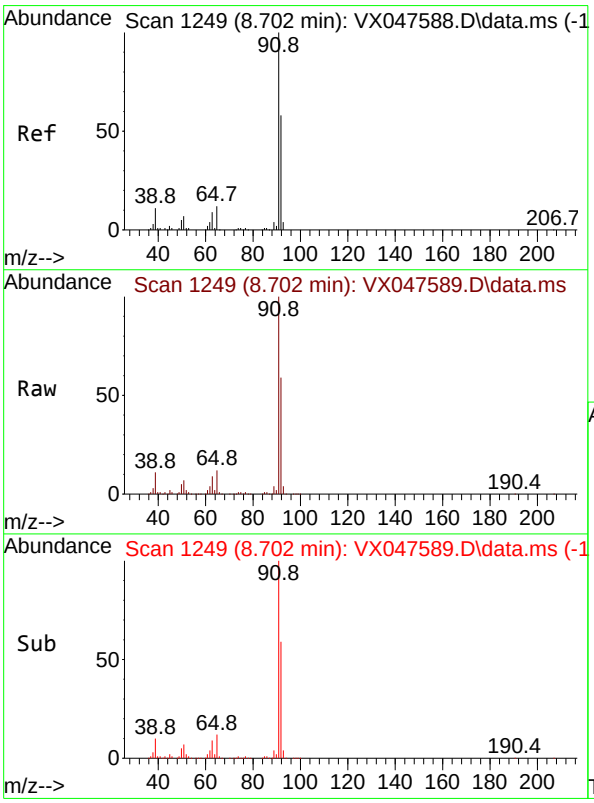
#51
4-Methyl-2-Pentanone
Concen: 501.834 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1431253

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5

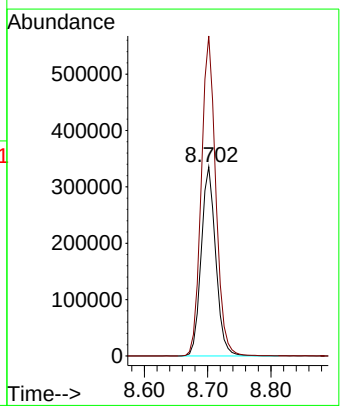


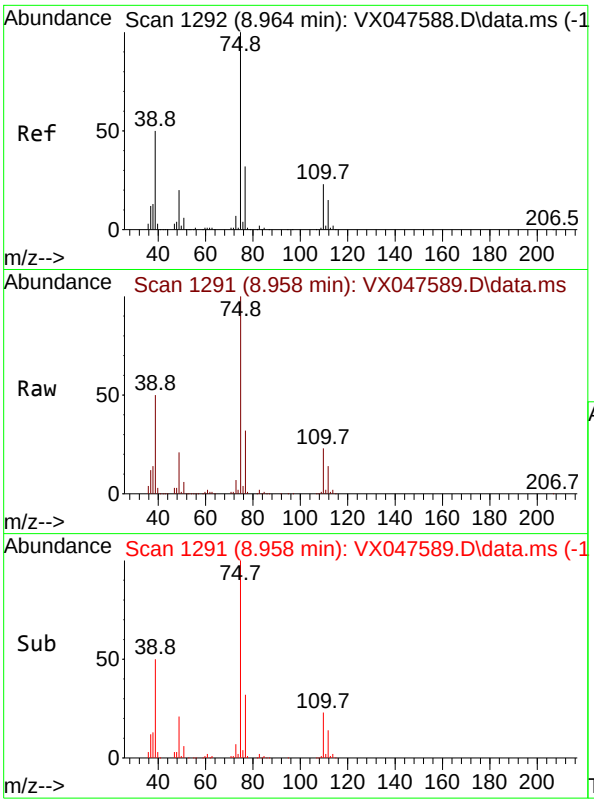


#52
Toluene
Concen: 97.811 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 92 Resp: 536148

Ion	Ratio	Lower	Upper
92	100		
91	169.3	137.1	205.7



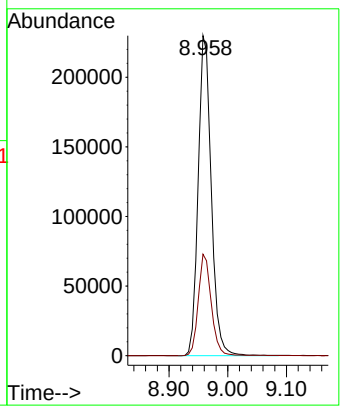


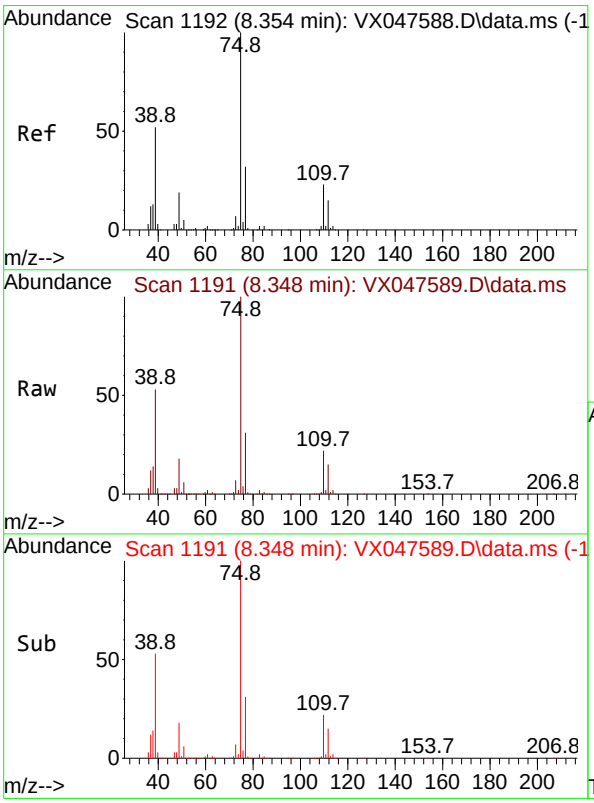
#53
t-1,3-Dichloropropene
Concen: 101.986 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 355881

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2

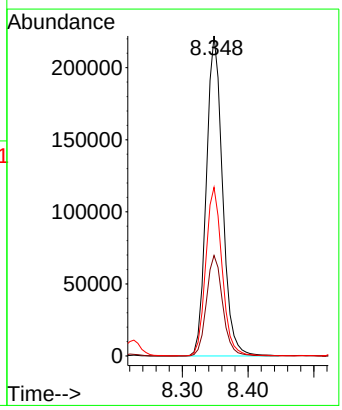


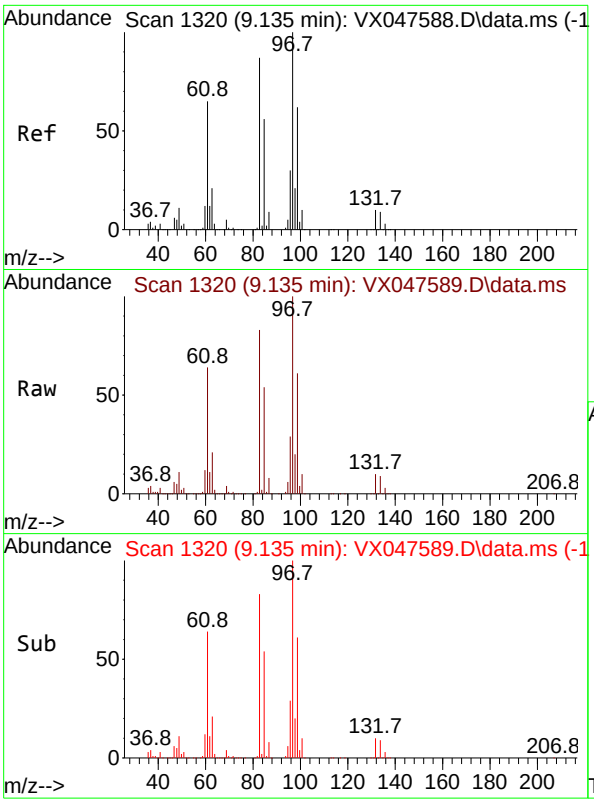


#54
cis-1,3-Dichloropropene
Concen: 102.038 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 380577

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	52.3	41.4	62.2



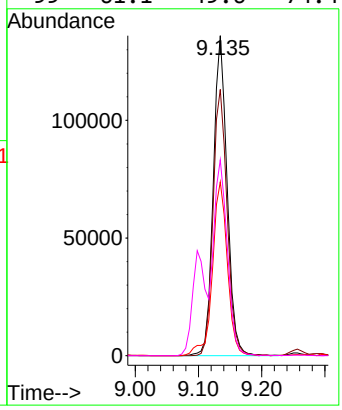


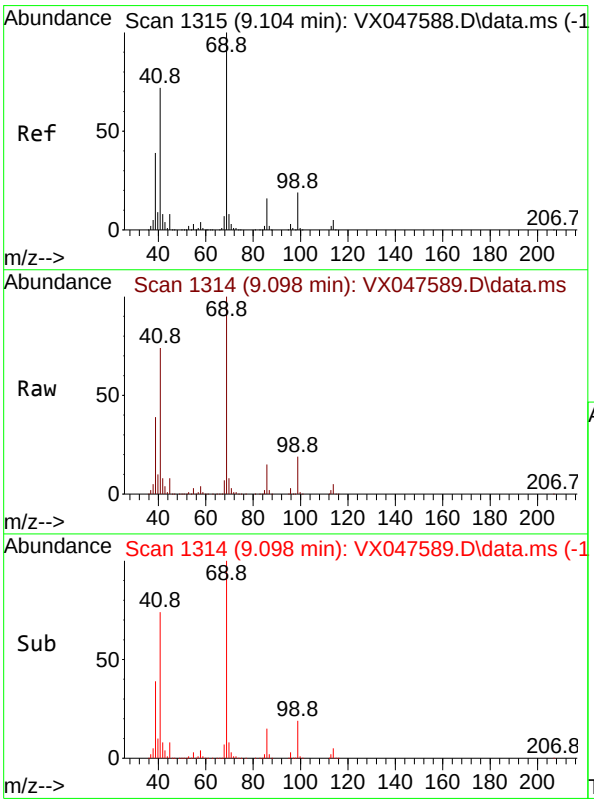
#55
1,1,2-Trichloroethane
Concen: 97.434 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 205939

Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.6	104.4
85	54.3	45.0	67.6
99	61.1	49.6	74.4

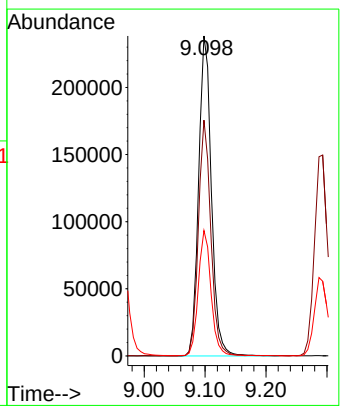


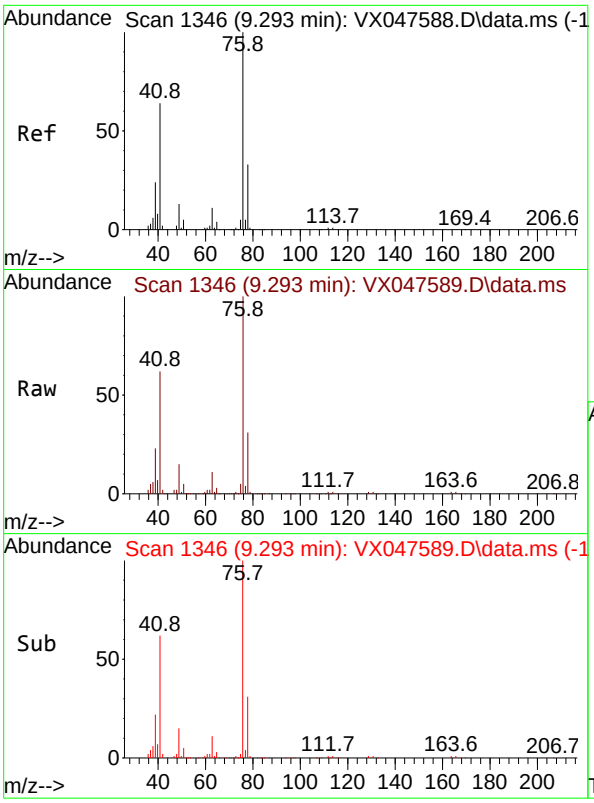


#56
Ethyl methacrylate
Concen: 104.435 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 69 Resp: 346659

Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.6	87.8
39	39.0	31.5	47.3



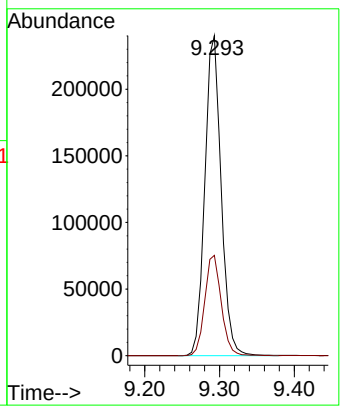


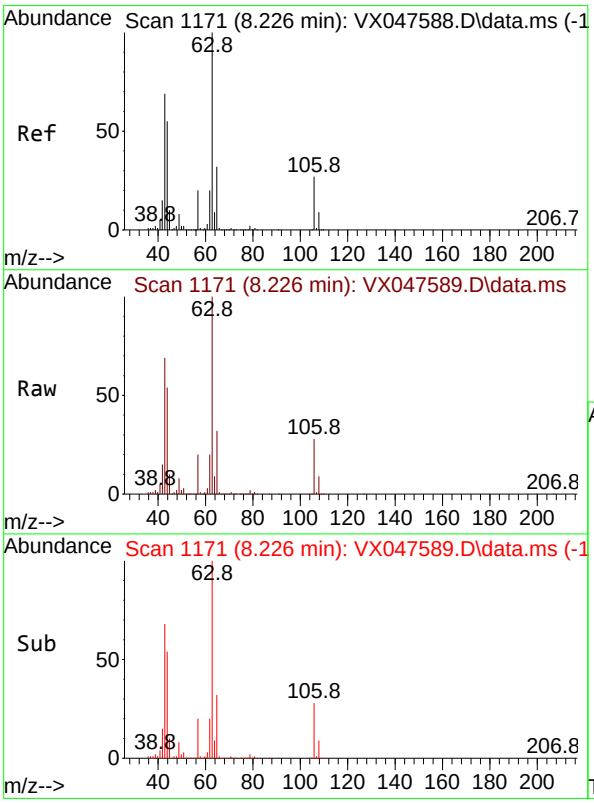
#57
1,3-Dichloropropane
Concen: 99.935 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 362848

Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.4

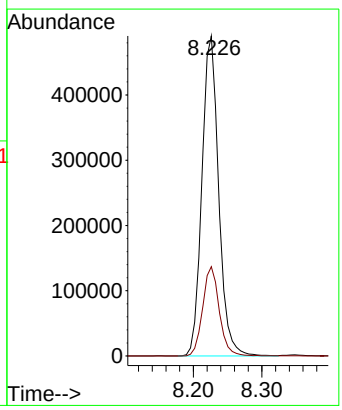


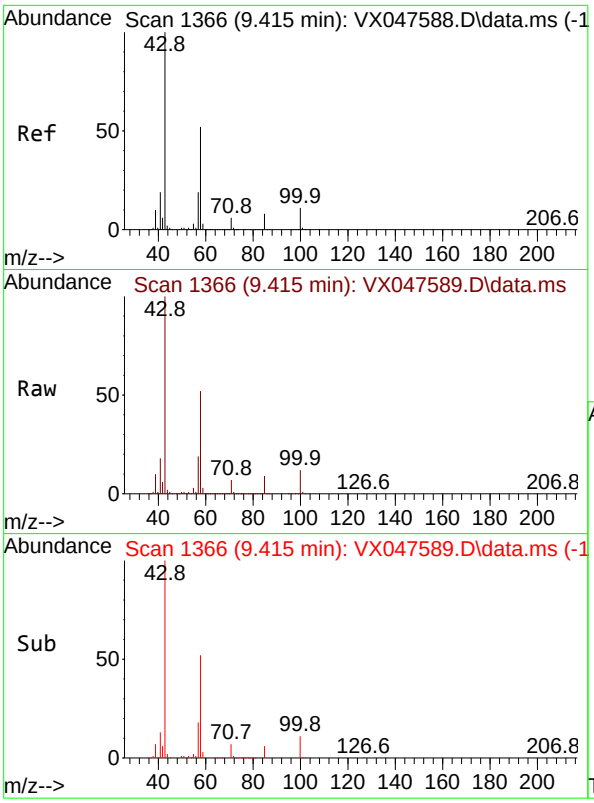


#58
2-Chloroethyl Vinyl ether
Concen: 499.814 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 836362

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9



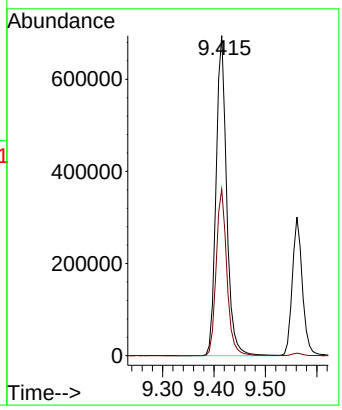


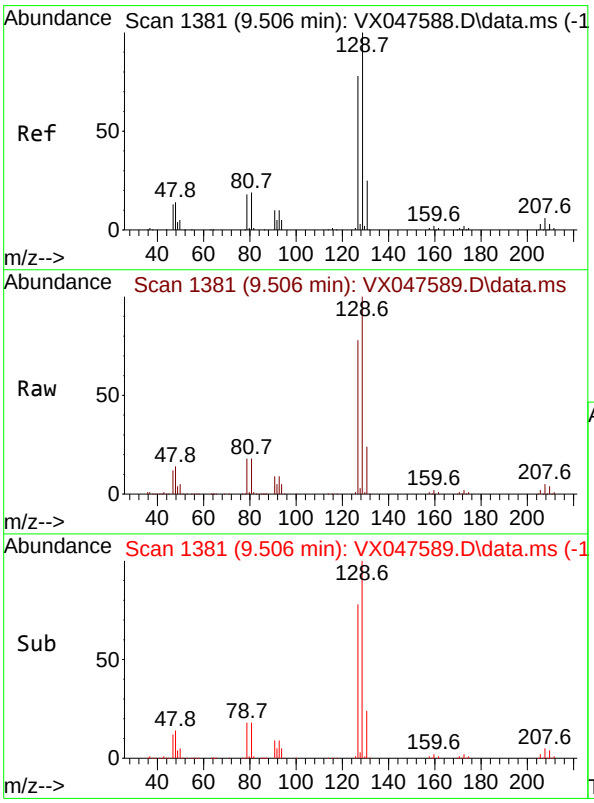
#59
2-Hexanone
Concen: 486.380 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 996274

Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.1	78.2

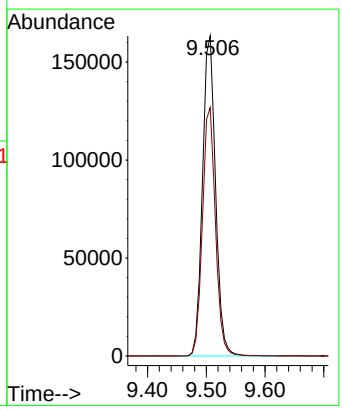


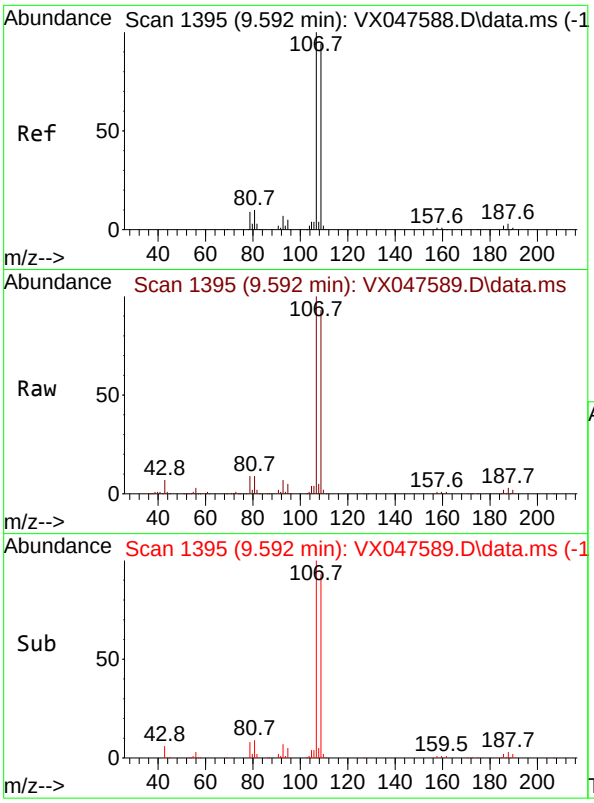


#60
Dibromochloromethane
Concen: 103.226 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:129 Resp: 251394

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.4	115.2



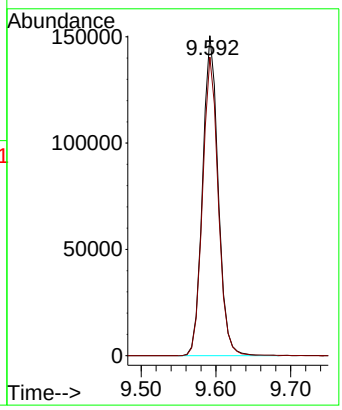


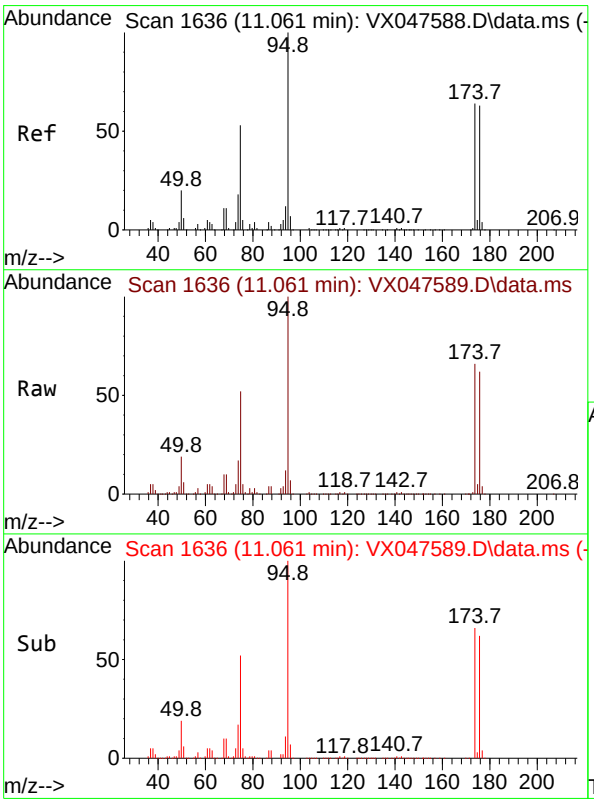
#61
1,2-Dibromoethane
Concen: 101.147 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 217751

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.3	112.9

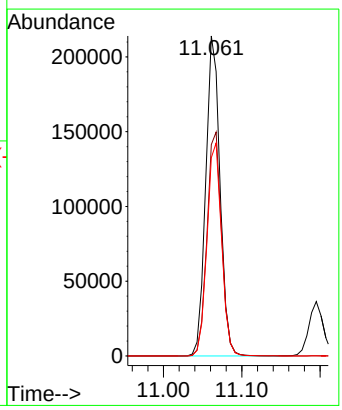


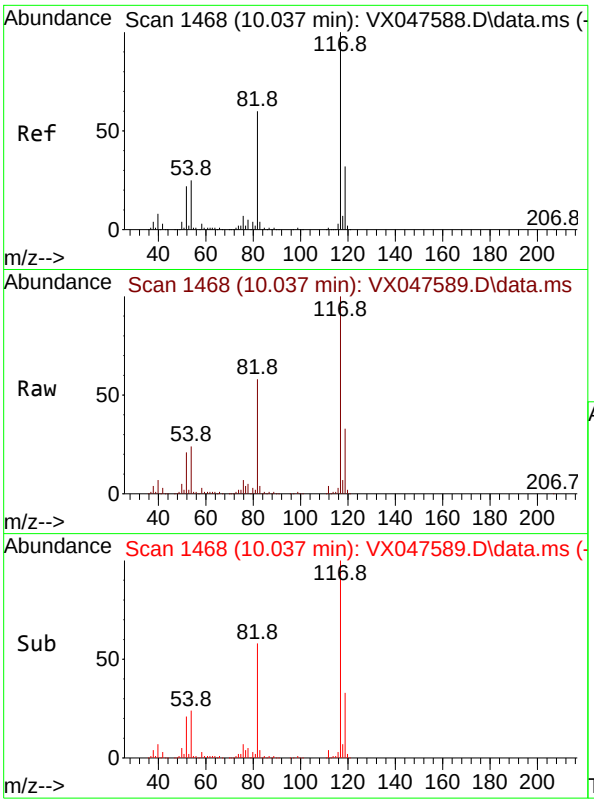


#62
4-Bromofluorobenzene
Concen: 102.672 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 95 Resp: 270289

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	141.6
176	68.0	0.0	138.4



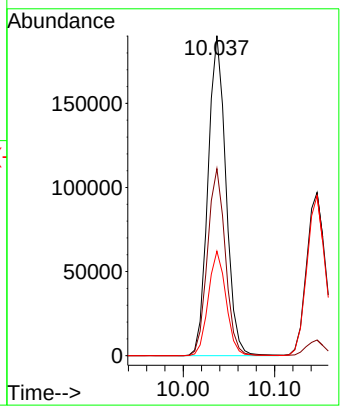


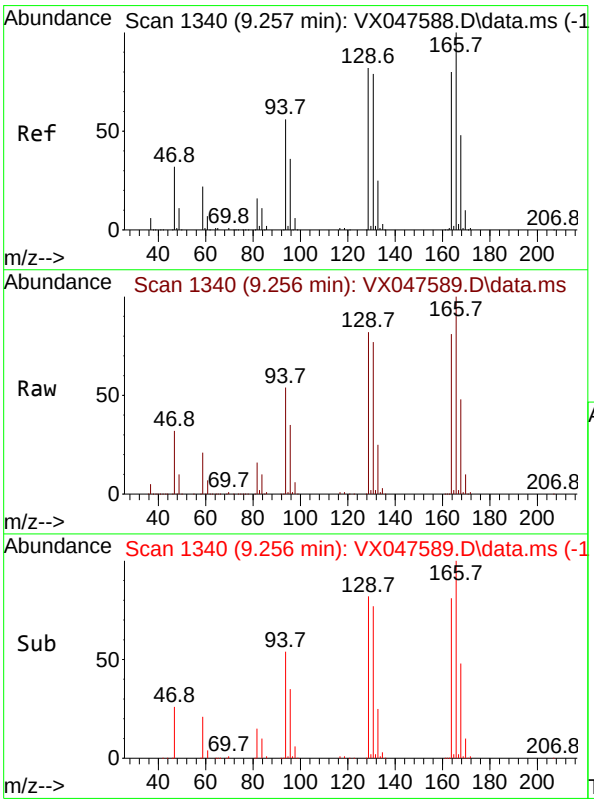
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 258399

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.6
119	32.7	25.2	37.8

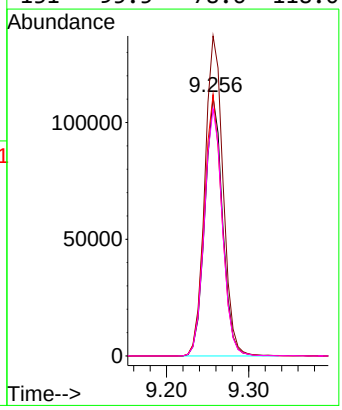


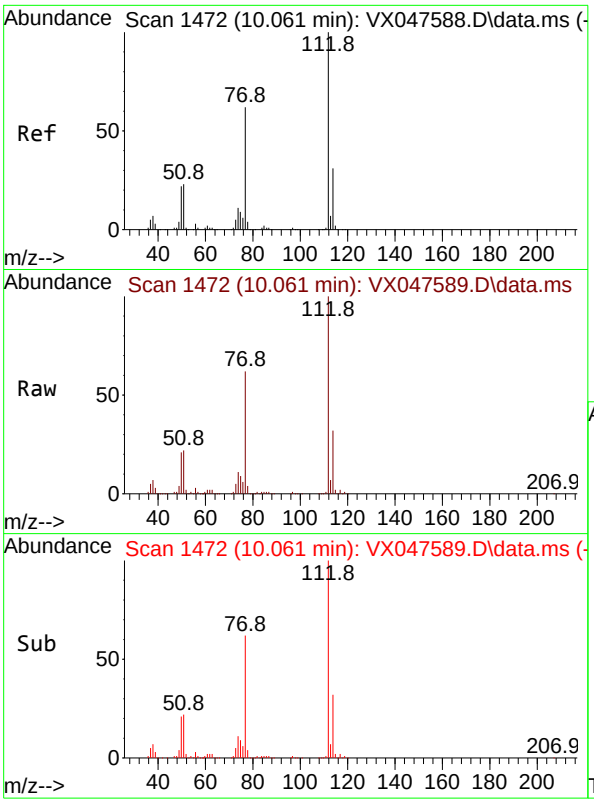


#64
Tetrachloroethene
Concen: 98.284 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:164 Resp: 165559

Ion	Ratio	Lower	Upper
164	100		
166	123.6	100.2	150.2
129	100.9	81.8	122.6
131	95.5	78.6	118.0



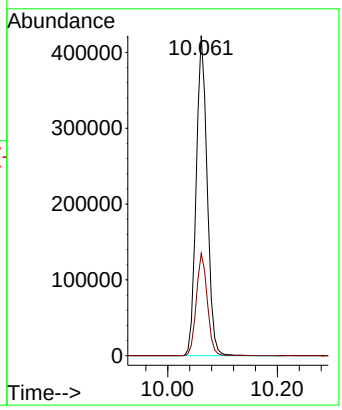


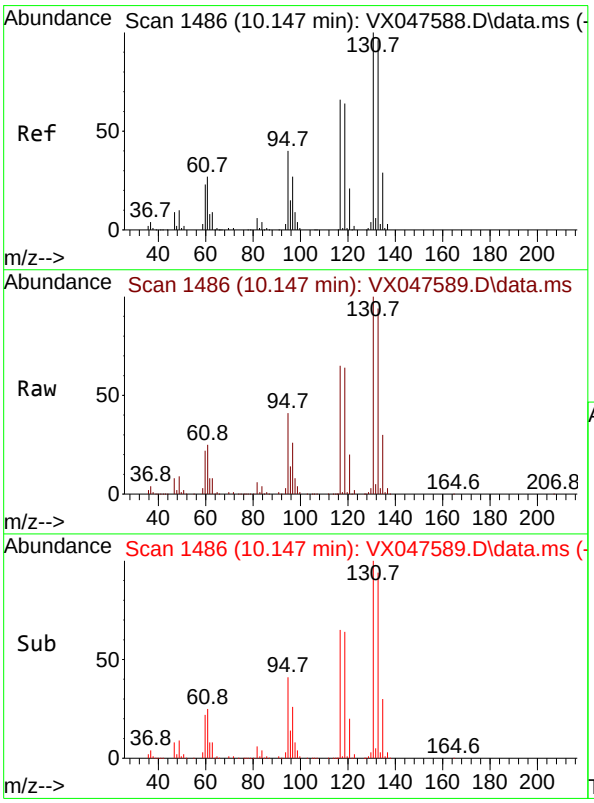
#65
Chlorobenzene
Concen: 100.253 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 588517

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7

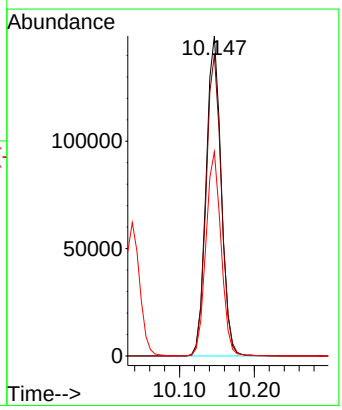


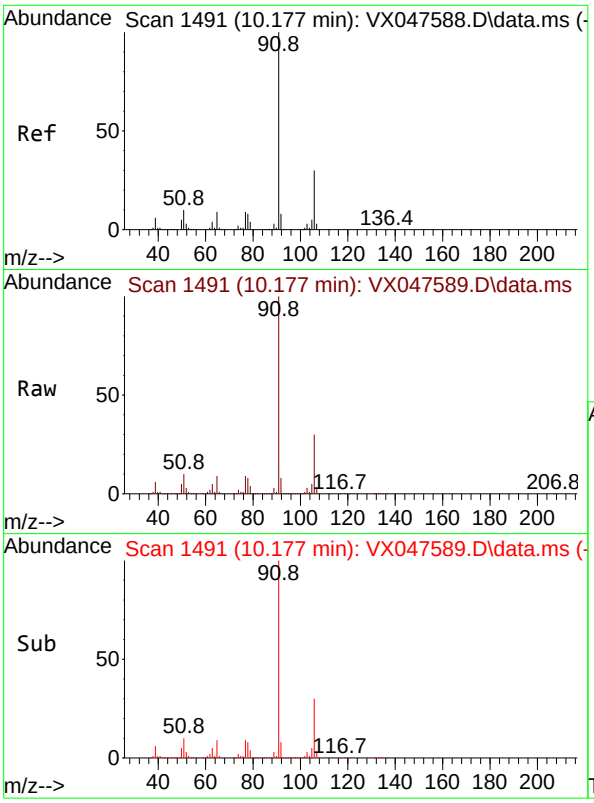


#66
1,1,1,2-Tetrachloroethane
Concen: 102.988 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:131 Resp: 208621

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	142.0
119	64.2	32.0	96.0



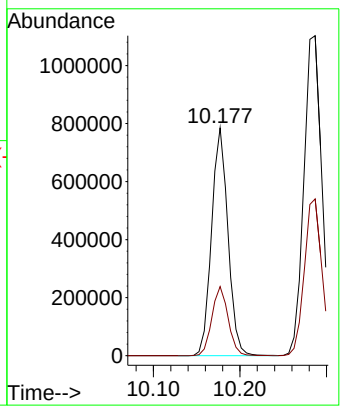


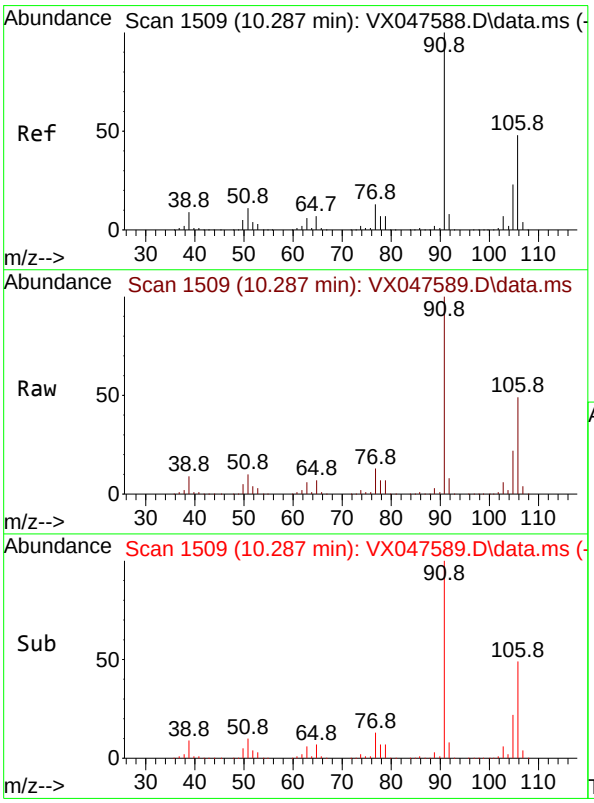
#67
Ethyl Benzene
Concen: 101.823 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1031346

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5

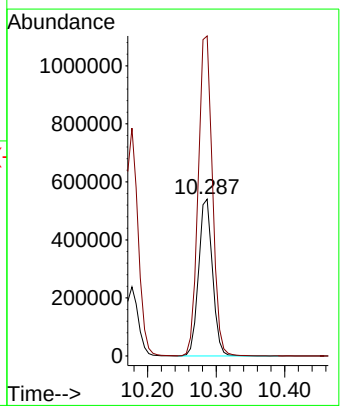


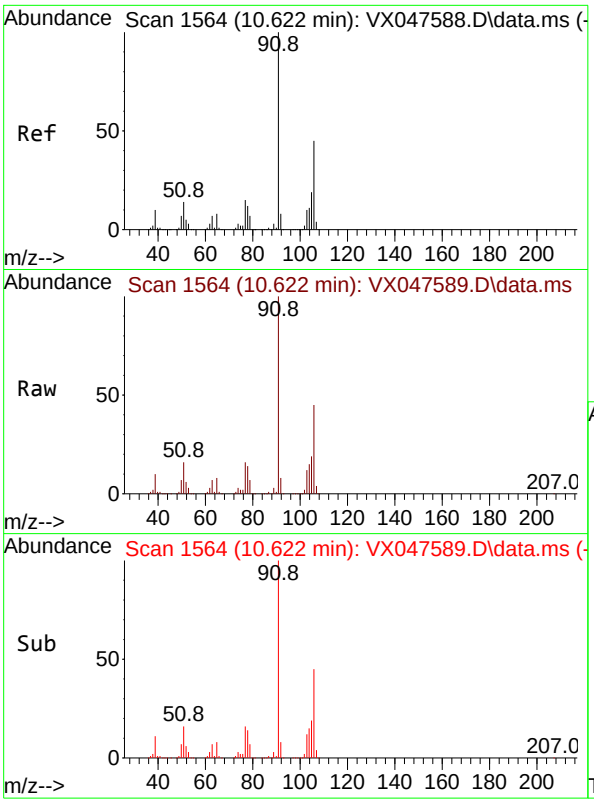


#68
m/p-Xylenes
Concen: 202.624 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:106 Resp: 763898

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8



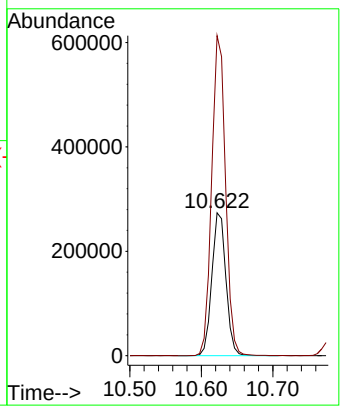


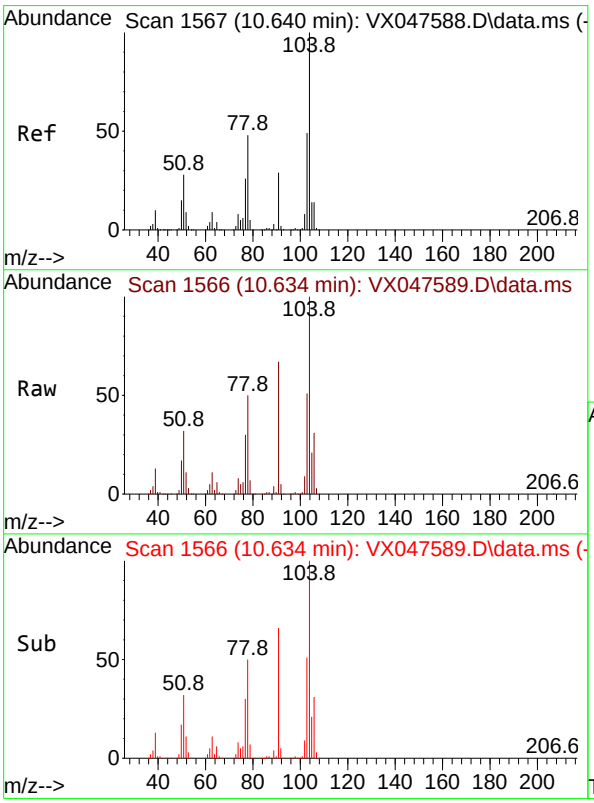
#69
o-Xylene
Concen: 102.186 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 372621

Ion	Ratio	Lower	Upper
106	100		
91	221.3	111.1	333.4

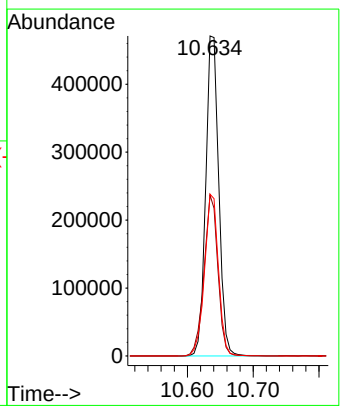


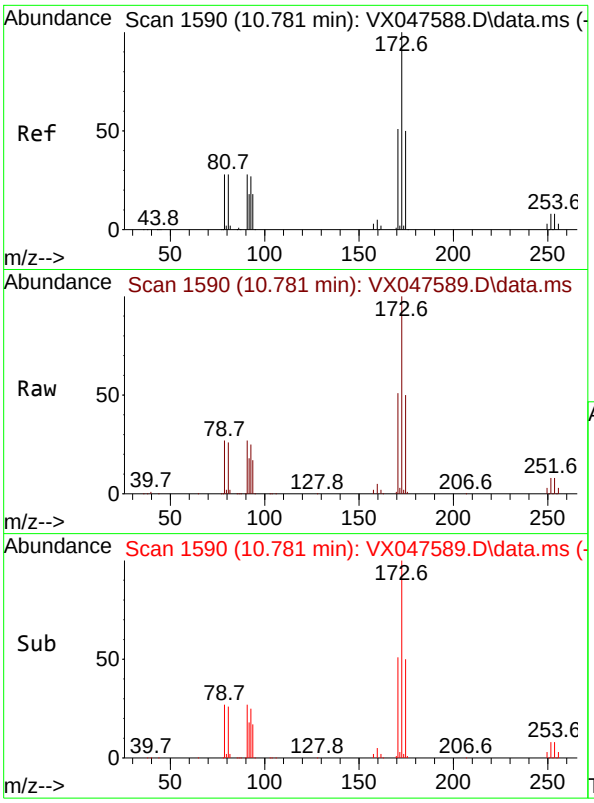


#70
Styrene
Concen: 101.710 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:104 Resp: 649863

Ion	Ratio	Lower	Upper
104	100		
78	53.5	43.1	64.7
103	54.1	43.1	64.7



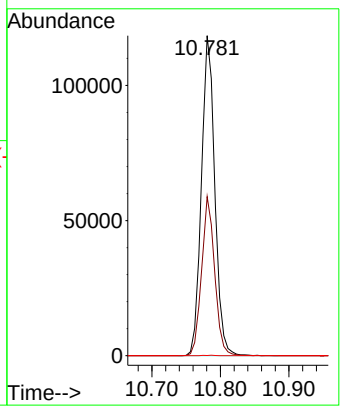


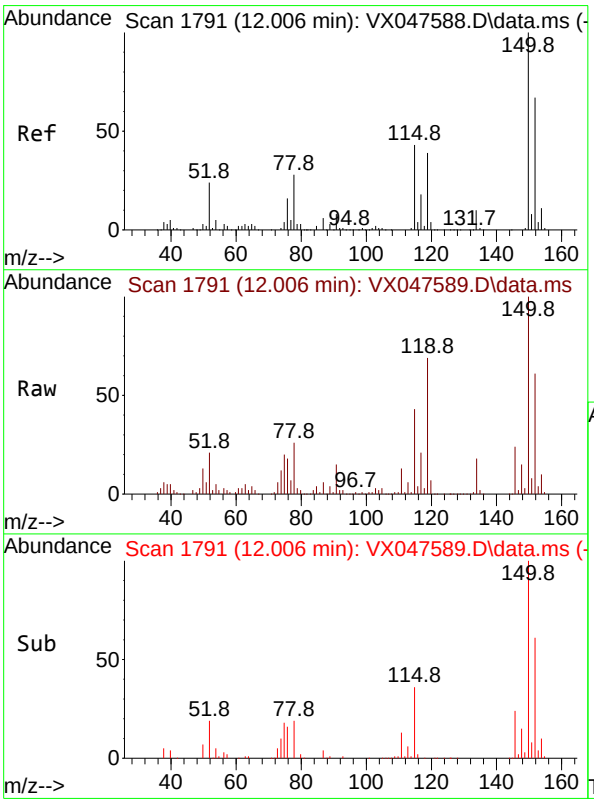
#71
Bromoform
Concen: 106.566 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 161188

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.6
254	0.1	0.1	0.1

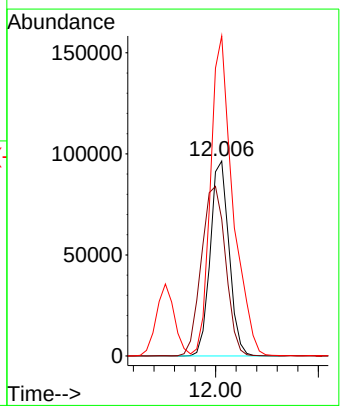


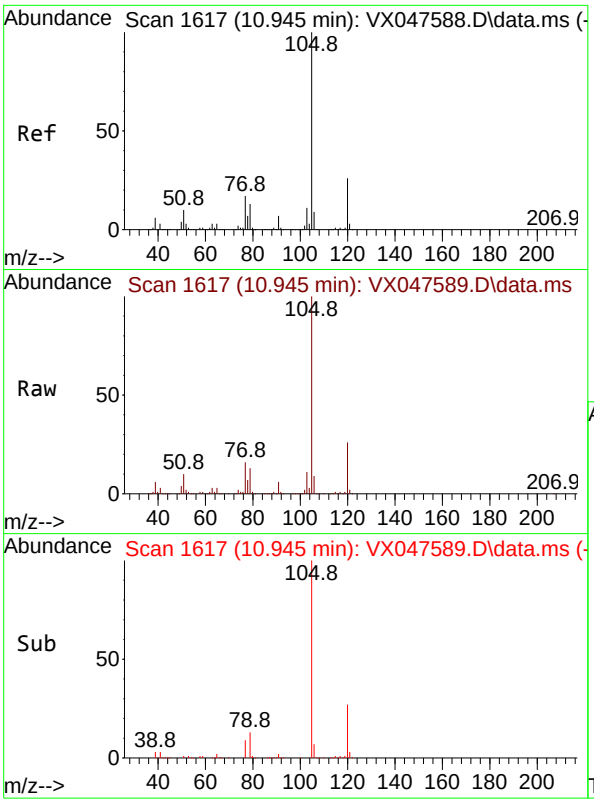


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:152 Resp: 122218

Ion	Ratio	Lower	Upper
152	100		
115	112.6	44.9	134.5
150	195.0	0.0	352.0



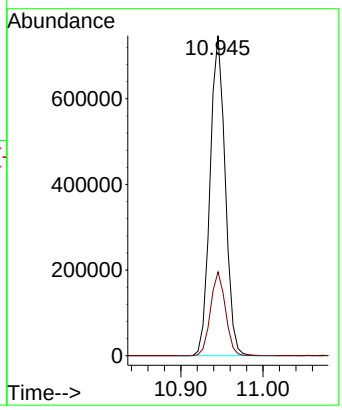


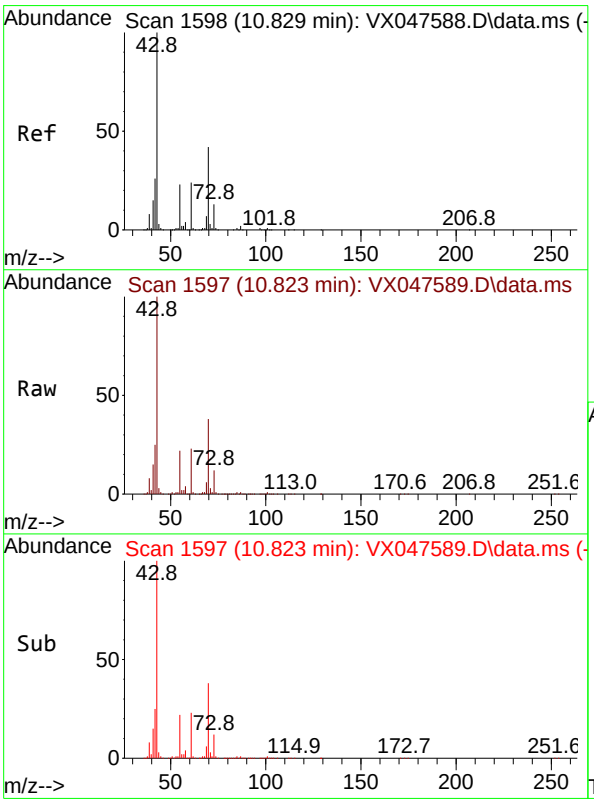
#73
Isopropylbenzene
Concen: 102.768 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 954900

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4

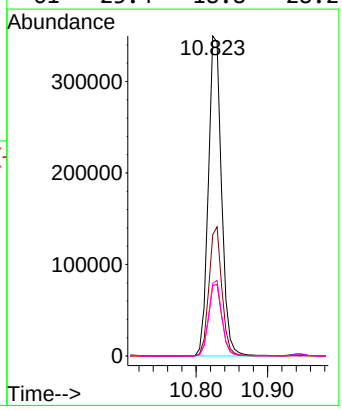


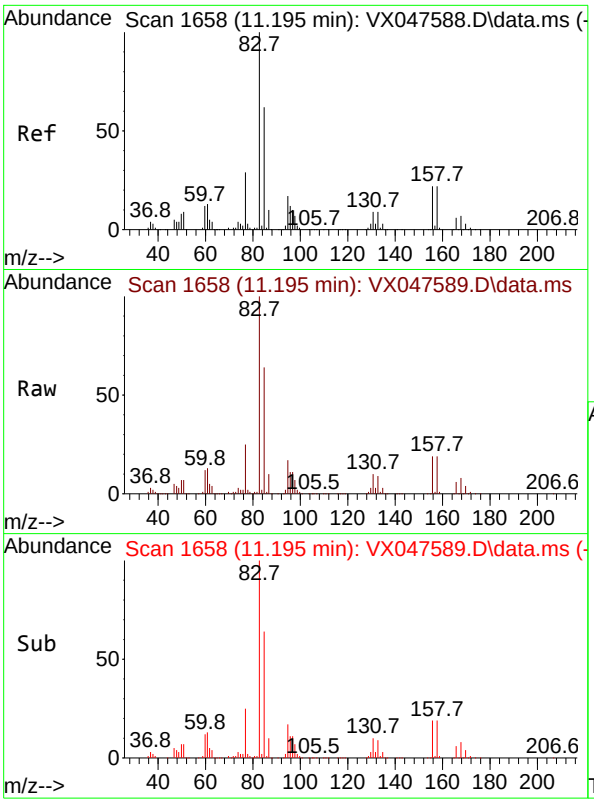


#74
N-amyl acetate
Concen: 105.812 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 448344

Ion	Ratio	Lower	Upper
43	100		
70	39.6	32.0	48.0
55	22.8	18.9	28.3
61	23.4	18.8	28.2



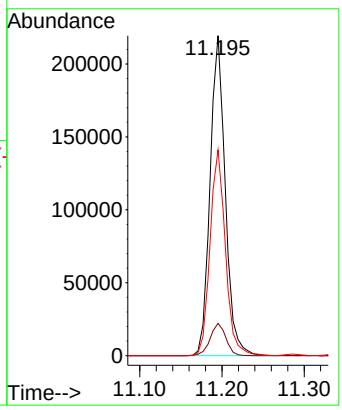


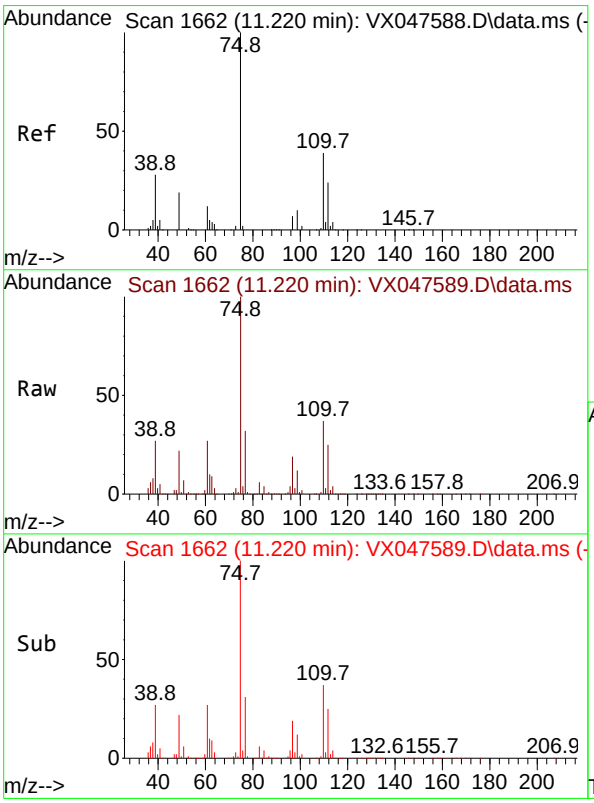
#75
1,1,2,2-Tetrachloroethane
Concen: 100.172 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 281608

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	14.9
85	65.1	31.6	95.0

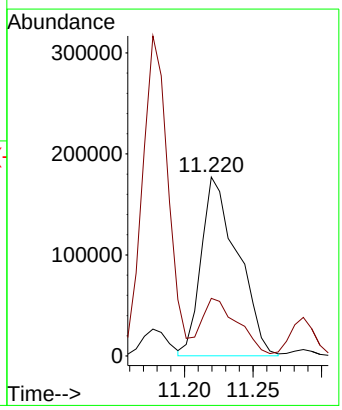


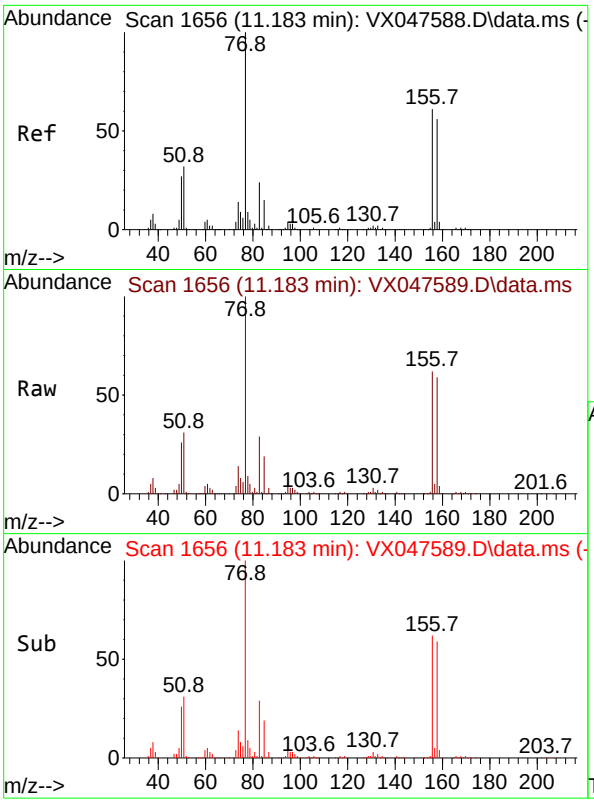


#76
1,2,3-Trichloropropane
Concen: 132.545 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 327988

Ion	Ratio	Lower	Upper
75	100		
77	30.7	18.8	56.4



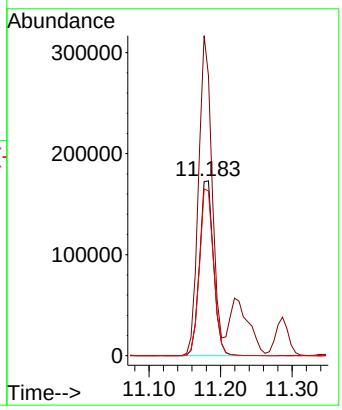


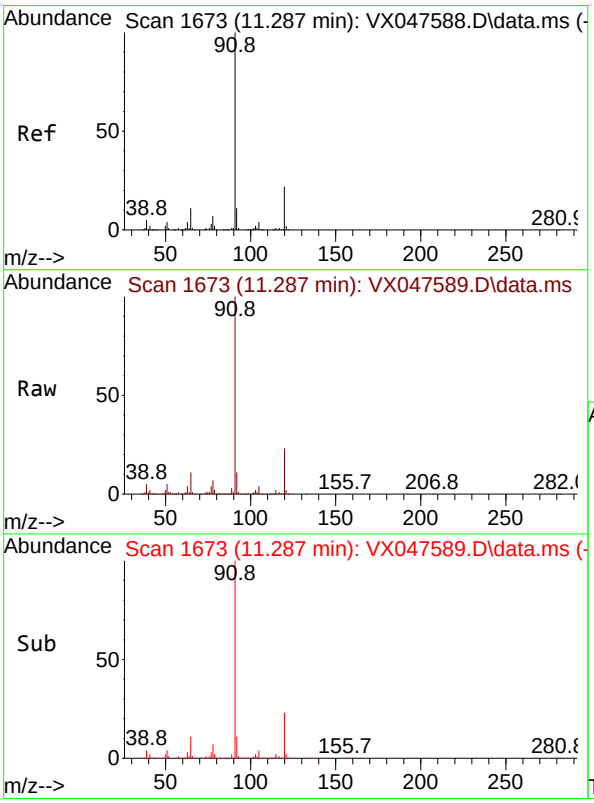
#77
Bromobenzene
Concen: 102.541 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 234666

Ion	Ratio	Lower	Upper
156	100		
77	176.0	89.7	269.1
158	96.5	47.9	143.6

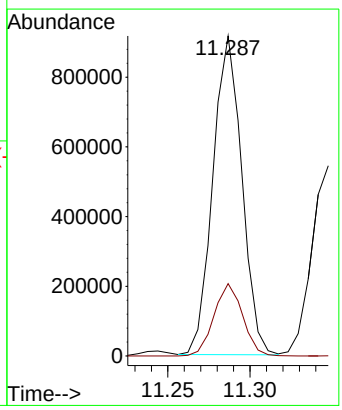


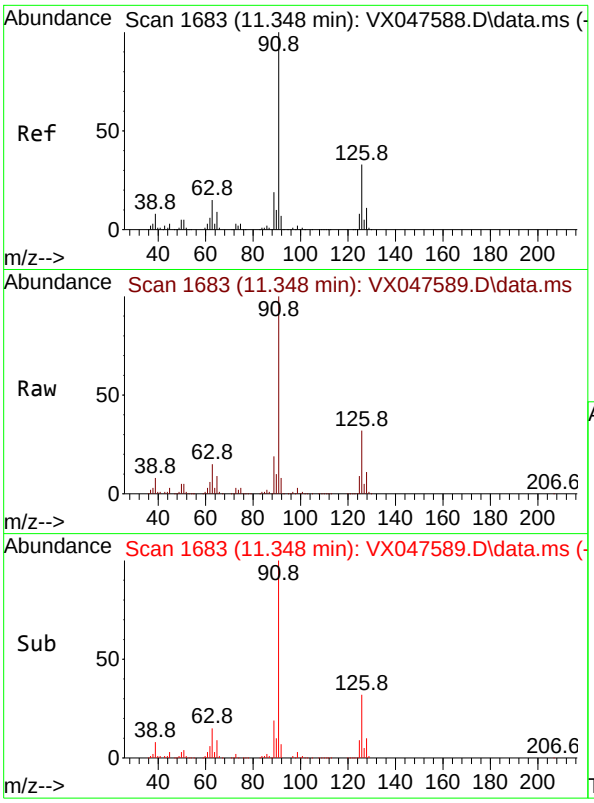


#78
n-propylbenzene
Concen: 101.941 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 1119728

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1



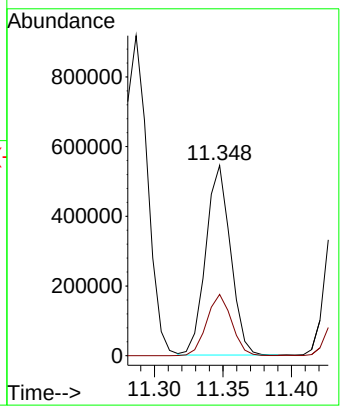


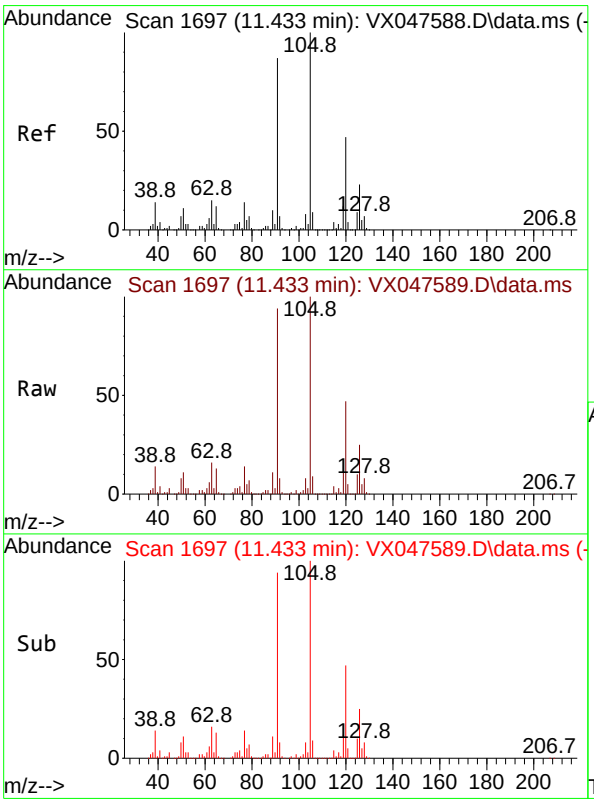
#79
2-Chlorotoluene
Concen: 101.652 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 683867

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

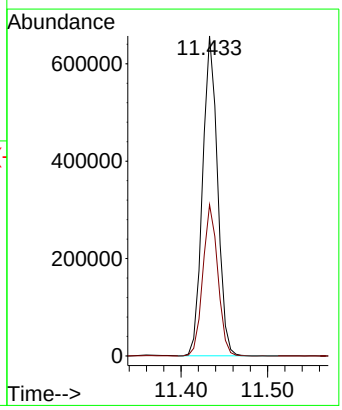


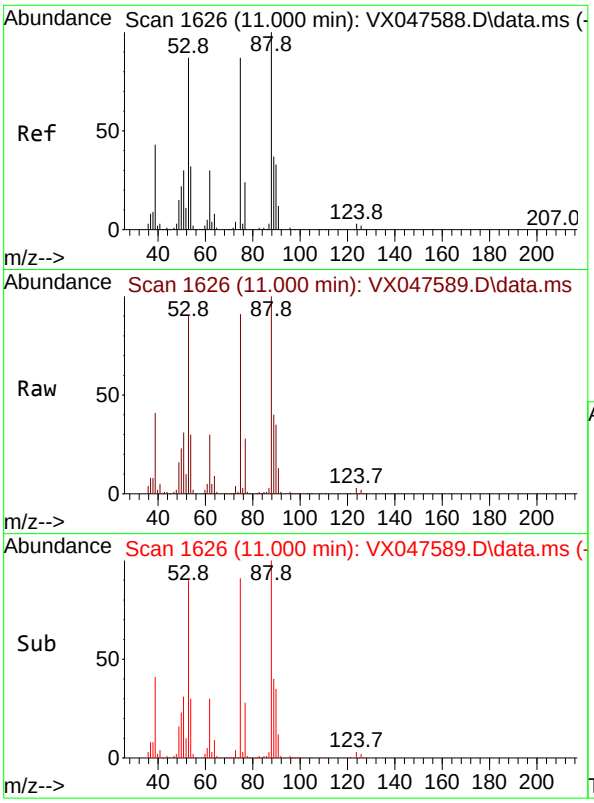


#80
1,3,5-Trimethylbenzene
Concen: 103.134 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 787327

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8



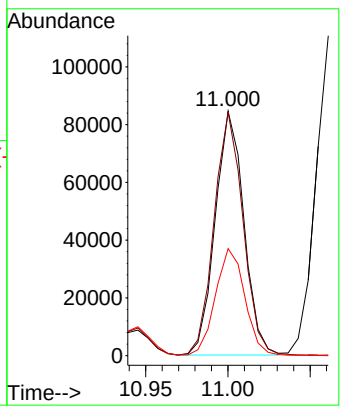


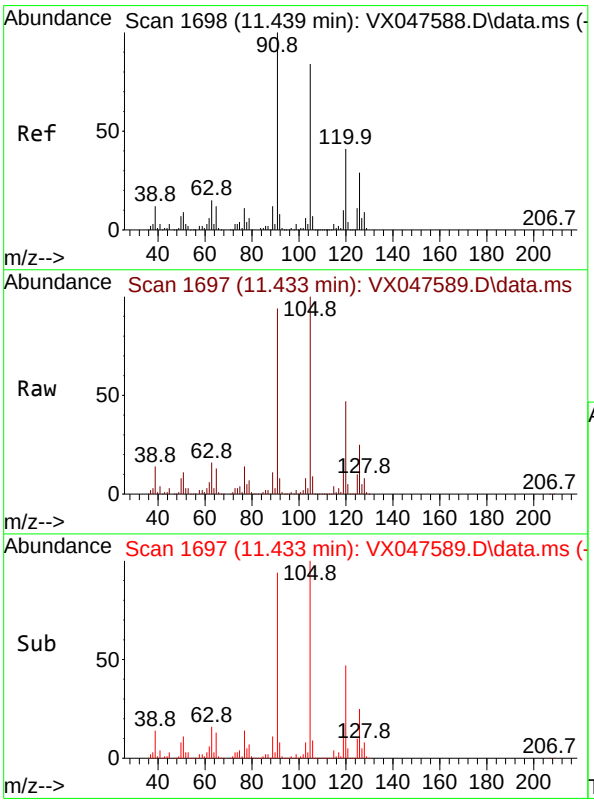
#81
trans-1,4-Dichloro-2-butene
Concen: 105.689 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 102555

Ion	Ratio	Lower	Upper
75	100		
53	101.1	83.4	125.2
89	45.3	36.3	54.5

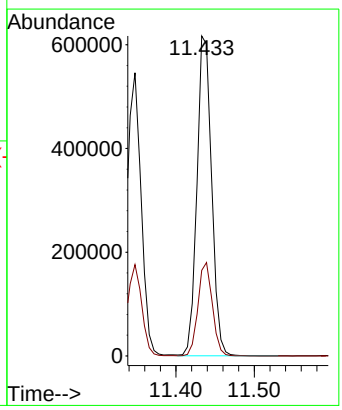


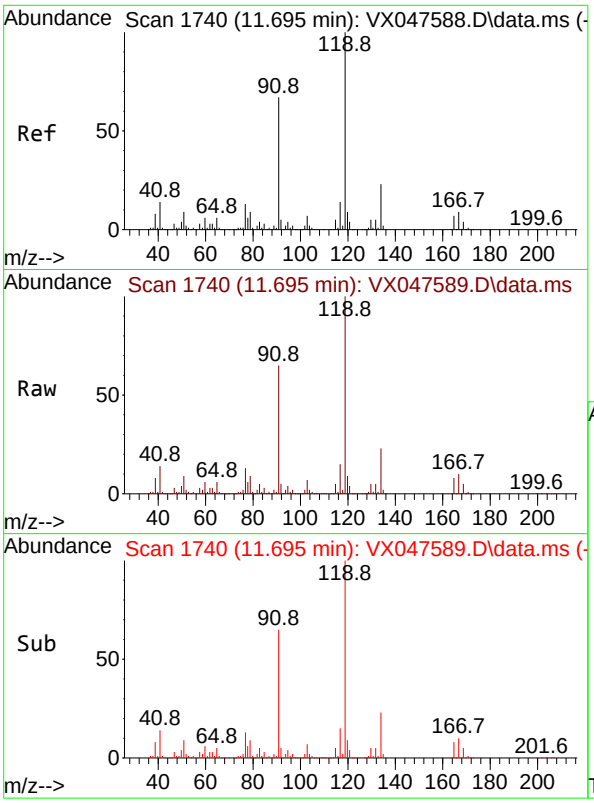


#82
4-Chlorotoluene
Concen: 101.054 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 802929

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6



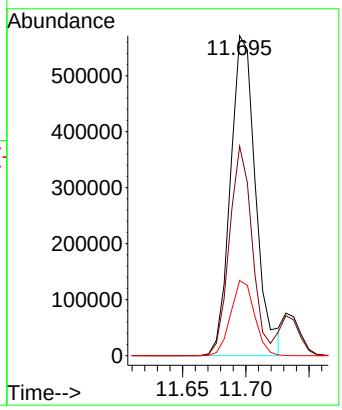


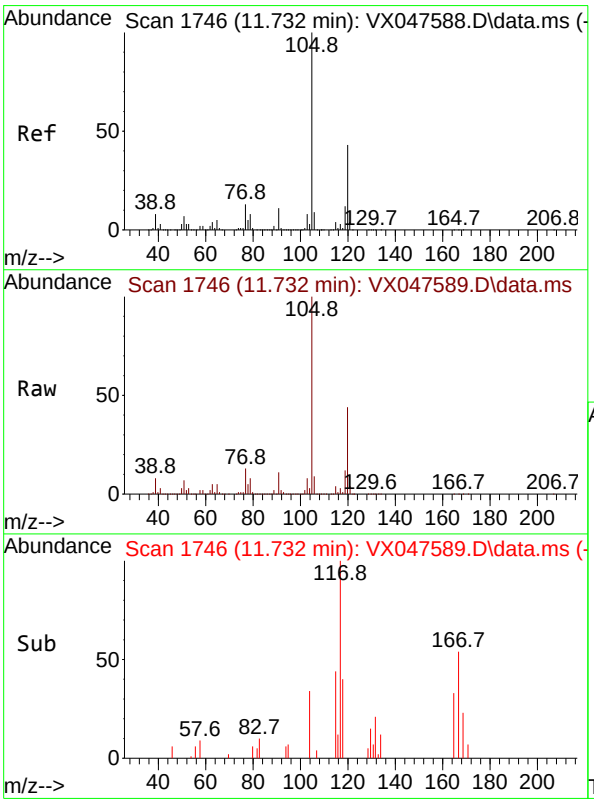
#83
tert-Butylbenzene
Concen: 101.333 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 791896

Ion	Ratio	Lower	Upper
119	100		
91	59.3	29.6	88.8
134	22.3	11.0	33.0

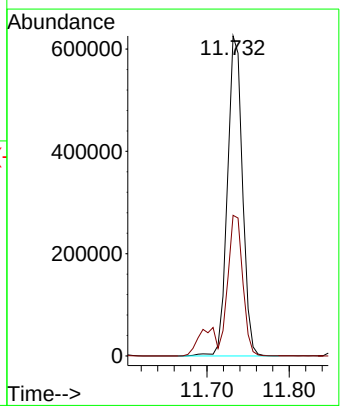


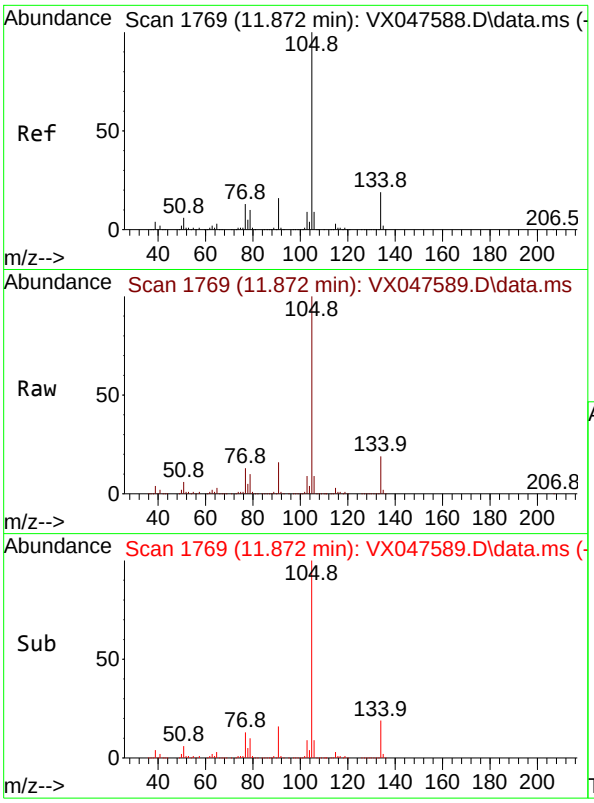


#84
1,2,4-Trimethylbenzene
Concen: 102.144 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 790557

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1



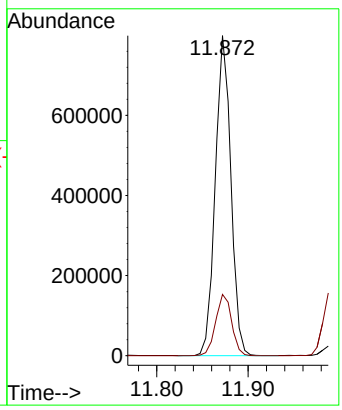


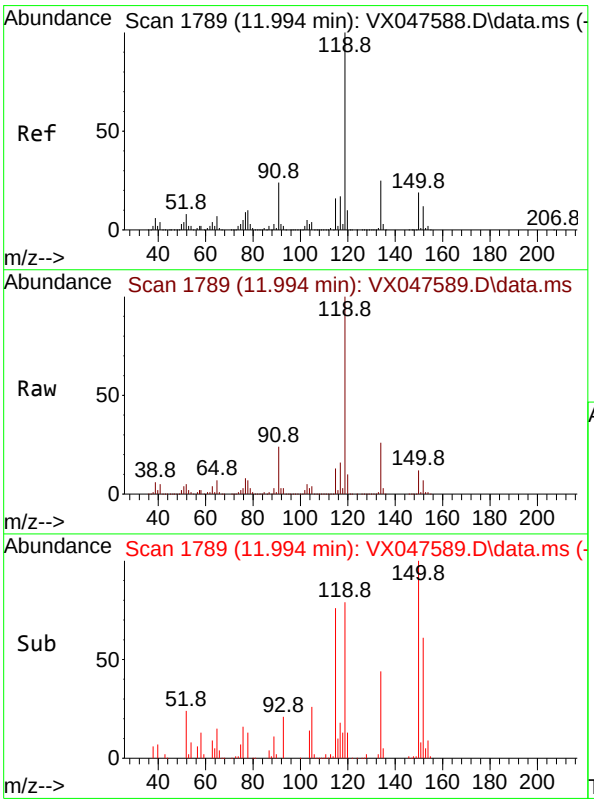
#85
sec-Butylbenzene
Concen: 101.840 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 945321

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

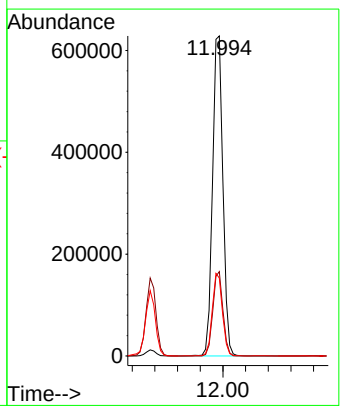


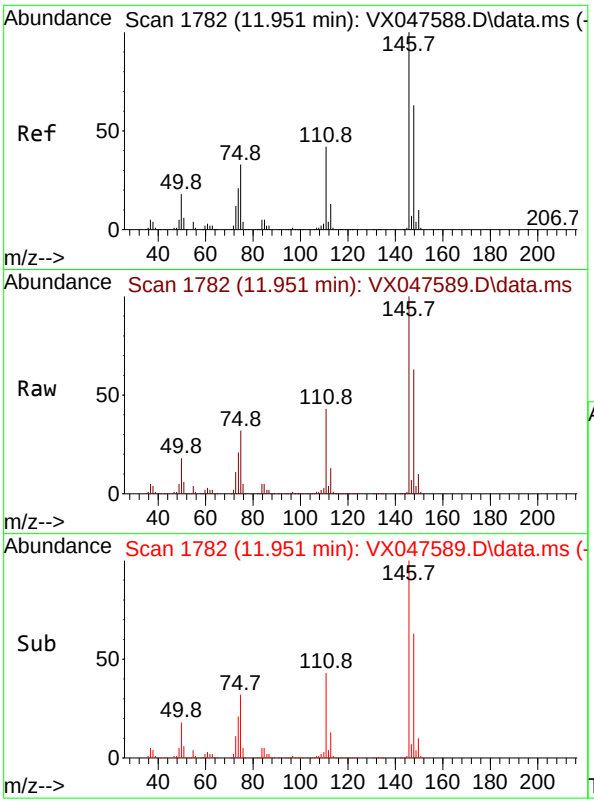


#86
p-Isopropyltoluene
Concen: 101.501 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:119 Resp: 797643

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	25.2	12.6	37.6



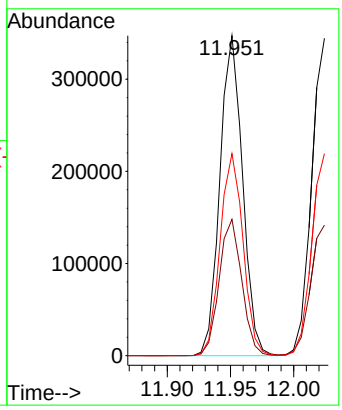


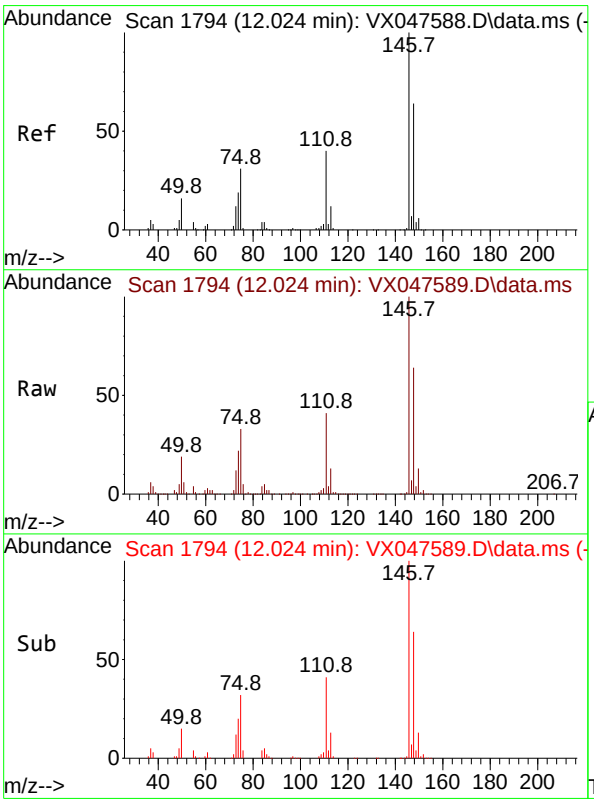
#87
1,3-Dichlorobenzene
Concen: 101.689 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 432248

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.5	64.5
148	63.9	32.0	96.0

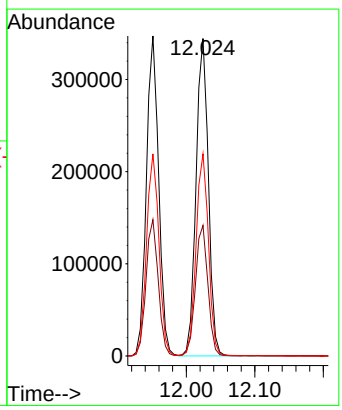


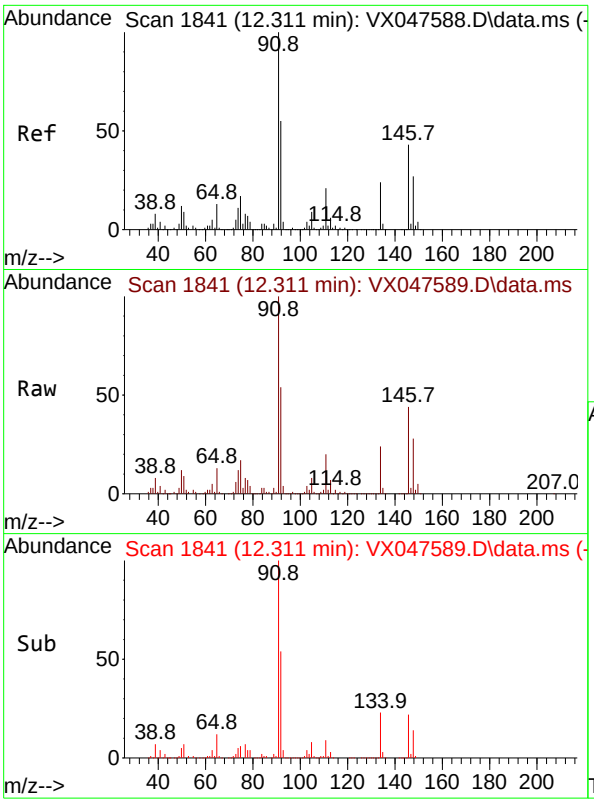


#88
1,4-Dichlorobenzene
Concen: 98.985 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 431839

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.8	31.7	95.1



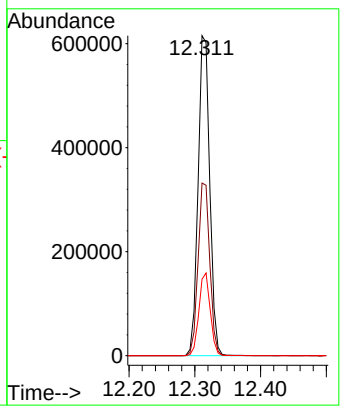


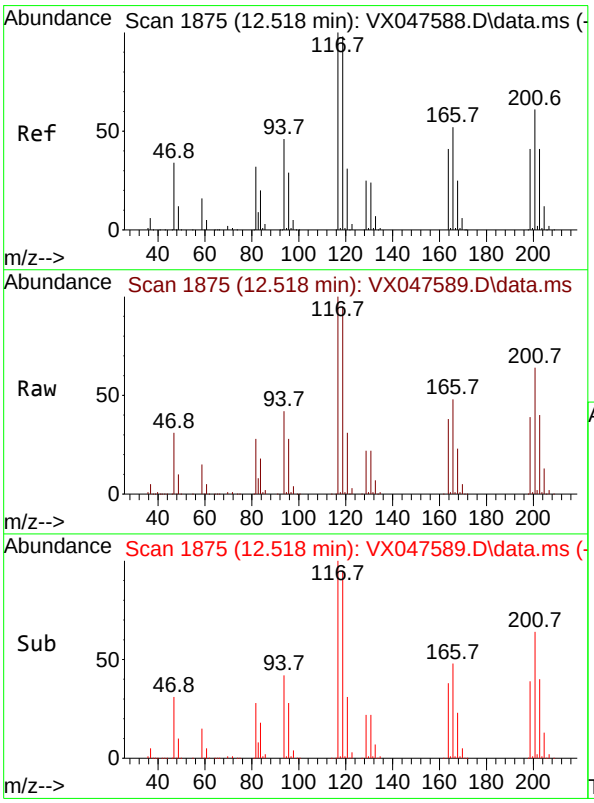
#89
n-Butylbenzene
Concen: 104.138 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 757239

Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	25.1	12.6	37.8

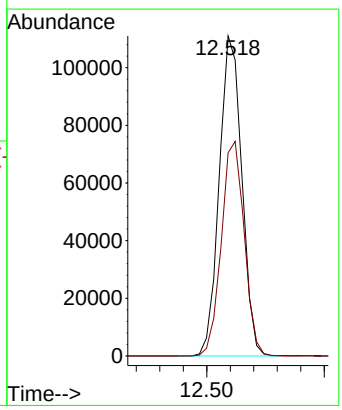


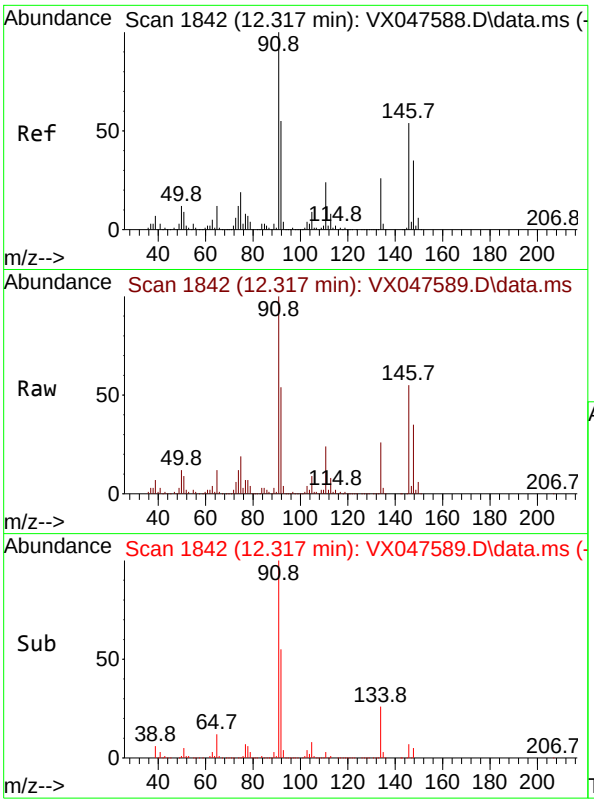


#90
Hexachloroethane
Concen: 107.304 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 148048

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.2	102.5



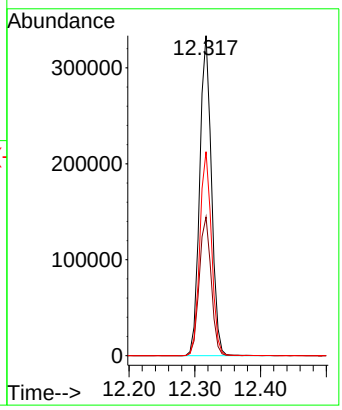


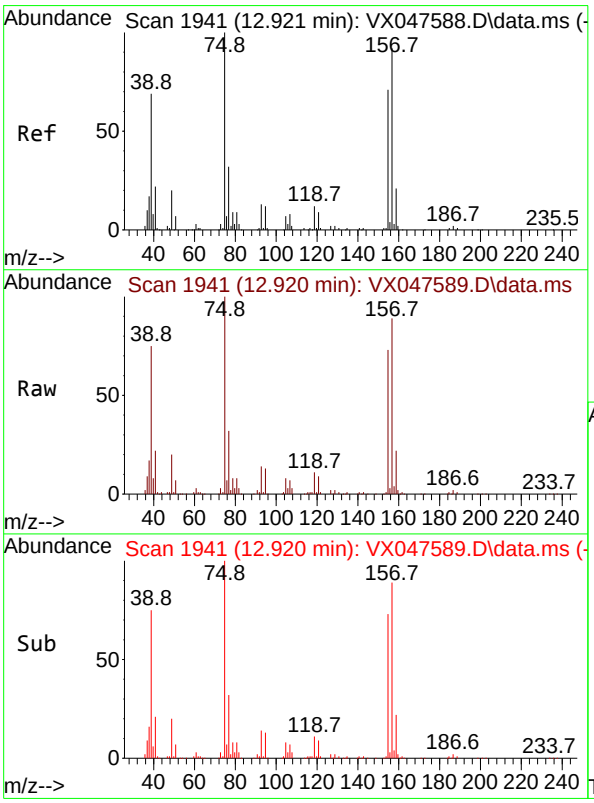
#91
1,2-Dichlorobenzene
Concen: 102.352 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 414491

Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	63.4	31.8	95.4

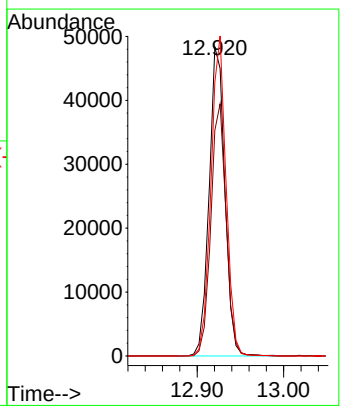


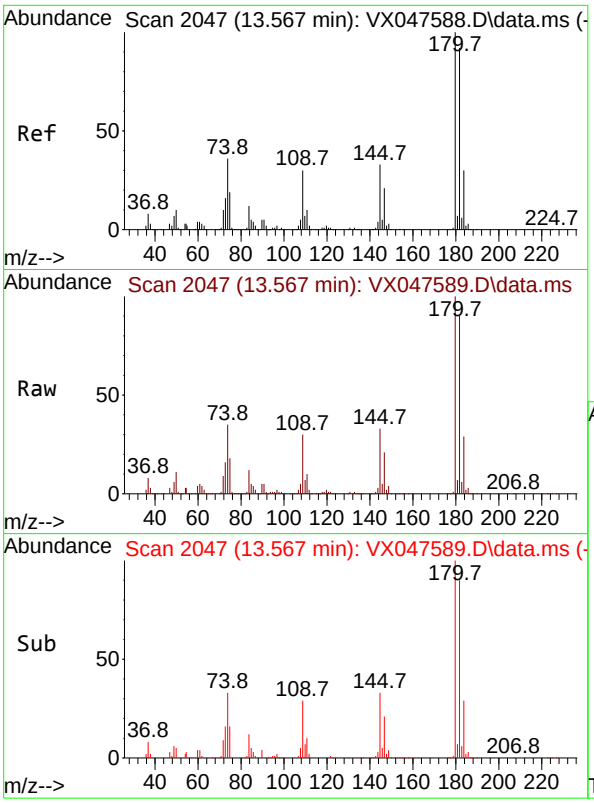


#92
1,2-Dibromo-3-Chloropropane
Concen: 107.225 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 61029

Ion	Ratio	Lower	Upper
75	100		
155	79.0	37.7	113.1
157	99.2	49.8	149.4



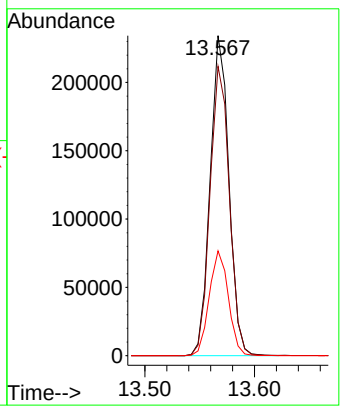


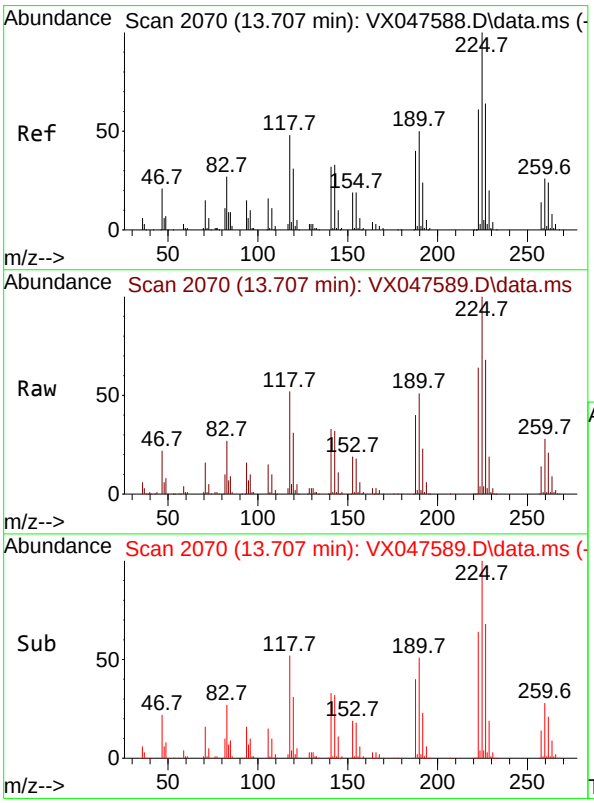
#93
1,2,4-Trichlorobenzene
Concen: 105.922 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 278777

Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	33.3	16.4	49.1

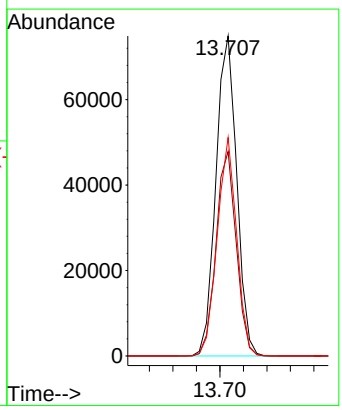


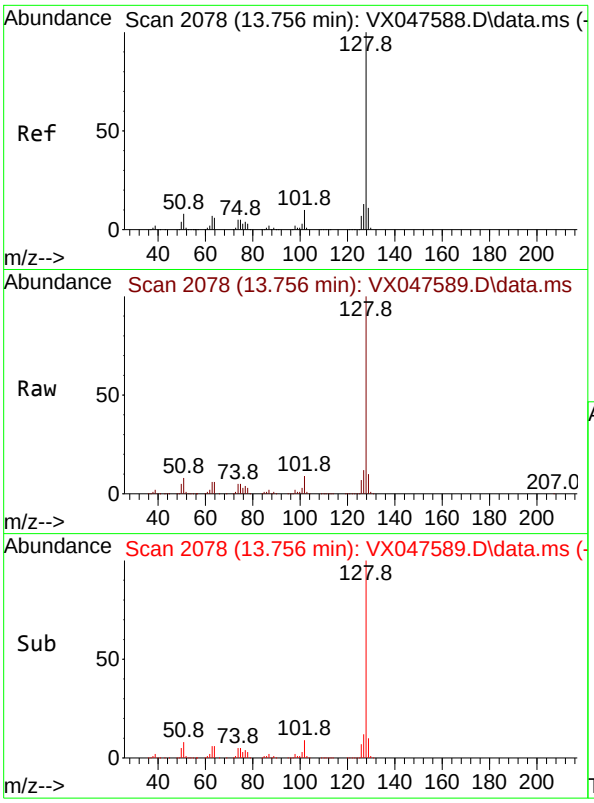


#94
Hexachlorobutadiene
Concen: 103.049 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:225 Resp: 92124

Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.7	95.1
227	63.8	32.0	96.0



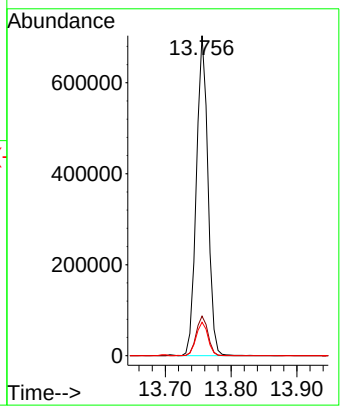


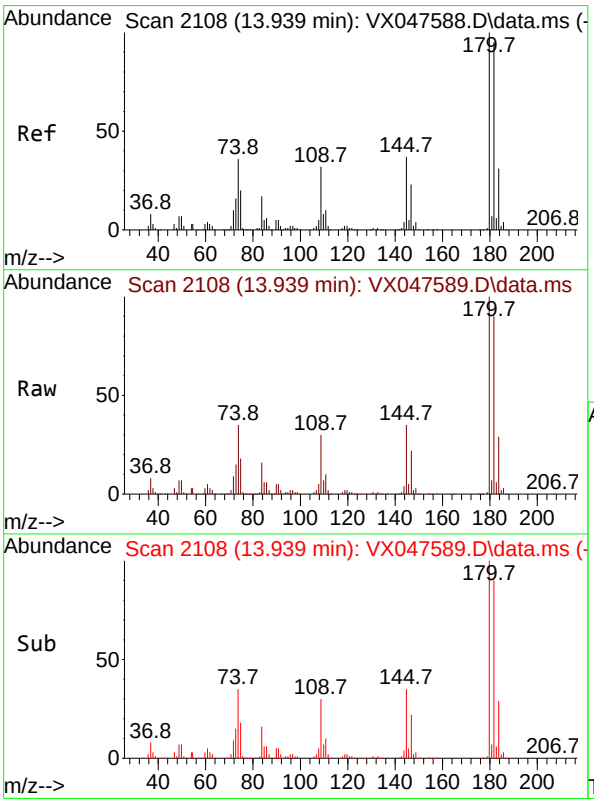
#95
Naphthalene
Concen: 106.620 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 854492

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2

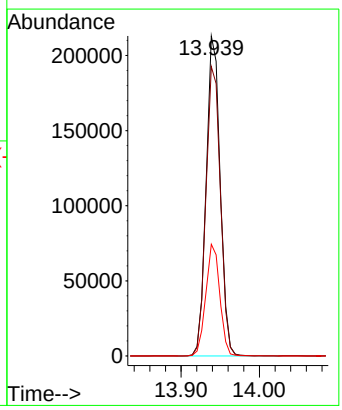




#96
1,2,3-Trichlorobenzene
Concen: 107.633 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:180 Resp: 263512

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.6	142.8
145	35.0	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Sep 22 01:52:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	153177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	241818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114743	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	396627	162.673	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 325.340%#			
35) Dibromofluoromethane	5.373	113	303728	164.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 329.600%#			
50) Toluene-d8	8.635	98	1041079	163.253	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 326.500%#			
62) 4-Bromofluorobenzene	11.067	95	399386	165.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 330.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	226166	142.586	ug/l	99
3) Chloromethane	1.301	50	297259	142.593	ug/l	99
4) Vinyl Chloride	1.380	62	302303	148.140	ug/l	98
5) Bromomethane	1.605	94	147541	114.019	ug/l	98
6) Chloroethane	1.691	64	195927	143.652	ug/l	99
7) Trichlorofluoromethane	1.892	101	453116	149.545	ug/l	99
8) Diethyl Ether	2.136	74	188006	151.684	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	267995	151.264	ug/l	99
10) Methyl Iodide	2.453	142	407242	147.384	ug/l	99
11) Tert butyl alcohol	2.959	59	215927	795.166	ug/l	100
12) 1,1-Dichloroethene	2.325	96	273692	150.388	ug/l	97
13) Acrolein	2.239	56	223763	894.203	ug/l	98
14) Allyl chloride	2.666	41	554779	147.727	ug/l	99
15) Acrylonitrile	3.063	53	790790	786.201	ug/l	99
16) Acetone	2.380	43	686119	647.201	ug/l	98
17) Carbon Disulfide	2.514	76	714503	143.412	ug/l	99
18) Methyl Acetate	2.703	43	404736	171.548	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1015295	152.826	ug/l	100
20) Methylene Chloride	2.788	84	324032	144.398	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	291616	148.833	ug/l	98
22) Diisopropyl ether	3.757	45	1095726	150.551	ug/l	97
23) Vinyl Acetate	3.715	43	4504849	773.364	ug/l	100
24) 1,1-Dichloroethane	3.605	63	587129	151.776	ug/l	98
25) 2-Butanone	4.544	43	973938	736.502	ug/l	99
26) 2,2-Dichloropropane	4.471	77	486890	151.414	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	366262	152.638	ug/l	99
28) Bromochloromethane	4.885	49	289548	171.451	ug/l	99
29) Tetrahydrofuran	4.989	42	616374	774.811	ug/l	100
30) Chloroform	5.080	83	591709	151.367	ug/l	99
31) Cyclohexane	5.458	56	456119	141.570	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	506654	152.802	ug/l	99
36) 1,1-Dichloropropene	5.684	75	386601	143.556	ug/l	99
37) Ethyl Acetate	4.702	43	444461	154.141	ug/l	99
38) Carbon Tetrachloride	5.666	117	427263	146.021	ug/l	98
39) Methylcyclohexane	7.367	83	456694	149.395	ug/l	98
40) Benzene	6.025	78	1202846	147.057	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Sep 22 01:52:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	223218	149.951	ug/l	99
42) 1,2-Dichloroethane	6.074	62	455978	146.515	ug/l	99
43) Isopropyl Acetate	6.324	43	724888	153.283	ug/l	99
44) Trichloroethene	7.111	130	299673	151.542	ug/l	96
45) 1,2-Dichloropropane	7.415	63	316720	151.219	ug/l	99
46) Dibromomethane	7.568	93	228550	149.954	ug/l	97
47) Bromodichloromethane	7.806	83	483438	153.710	ug/l	98
48) Methyl methacrylate	7.678	41	367931	156.194	ug/l	99
49) 1,4-Dioxane	7.647	88	82739	3475.565	ug/l	98
51) 4-Methyl-2-Pentanone	8.562	43	2008063	765.849	ug/l	100
52) Toluene	8.702	92	739332	146.712	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	503912	157.076	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	530566	154.732	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	289103	148.781	ug/l	99
56) Ethyl methacrylate	9.104	69	490623	160.773	ug/l	97
57) 1,3-Dichloropropane	9.293	76	502121	150.426	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.232	63	1202206	749.661	ug/l	99
59) 2-Hexanone	9.415	43	1412417	750.035	ug/l	99
60) Dibromochloromethane	9.506	129	347748	155.318	ug/l	98
61) 1,2-Dibromoethane	9.592	107	302715	152.949	ug/l	99
64) Tetrachloroethene	9.263	164	227931	144.590	ug/l	98
65) Chlorobenzene	10.061	112	828239	150.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	291433	153.733	ug/l	98
67) Ethyl Benzene	10.177	91	1431554	151.026	ug/l	99
68) m/p-Xylenes	10.287	106	1059776	300.381	ug/l	99
69) o-Xylene	10.628	106	521840	152.920	ug/l	99
70) Styrene	10.640	104	917532	153.449	ug/l	99
71) Bromoform	10.781	173	229683	162.262	ug/l	99
73) Isopropylbenzene	10.945	105	1321409	151.477	ug/l	99
74) N-amyl acetate	10.829	43	636879	160.099	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	403906	153.035	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	470623	202.576	ug/l	89
77) Bromobenzene	11.183	156	328336	152.818	ug/l	99
78) n-propylbenzene	11.287	91	1550316	150.337	ug/l	99
79) 2-Chlorotoluene	11.348	91	939707	148.781	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	1091593	152.306	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	145921	160.176	ug/l	97
82) 4-Chlorotoluene	11.439	91	1127233	151.112	ug/l	100
83) tert-Butylbenzene	11.701	119	1106532	150.819	ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	1106914	152.336	ug/l	100
85) sec-Butylbenzene	11.872	105	1319819	151.448	ug/l	99
86) p-Isopropyltoluene	11.994	119	1103210	149.530	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	605123	151.633	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	613617	149.814	ug/l	99
89) n-Butylbenzene	12.317	91	1032357	151.222	ug/l	100
90) Hexachloroethane	12.518	117	211472	163.258	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	582565	153.227	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	89415	167.332	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	387652	156.884	ug/l	98
94) Hexachlorobutadiene	13.707	225	121791	145.110	ug/l	99
95) Naphthalene	13.756	128	1229363	163.388	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	369382	160.704	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Sep 22 01:52:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

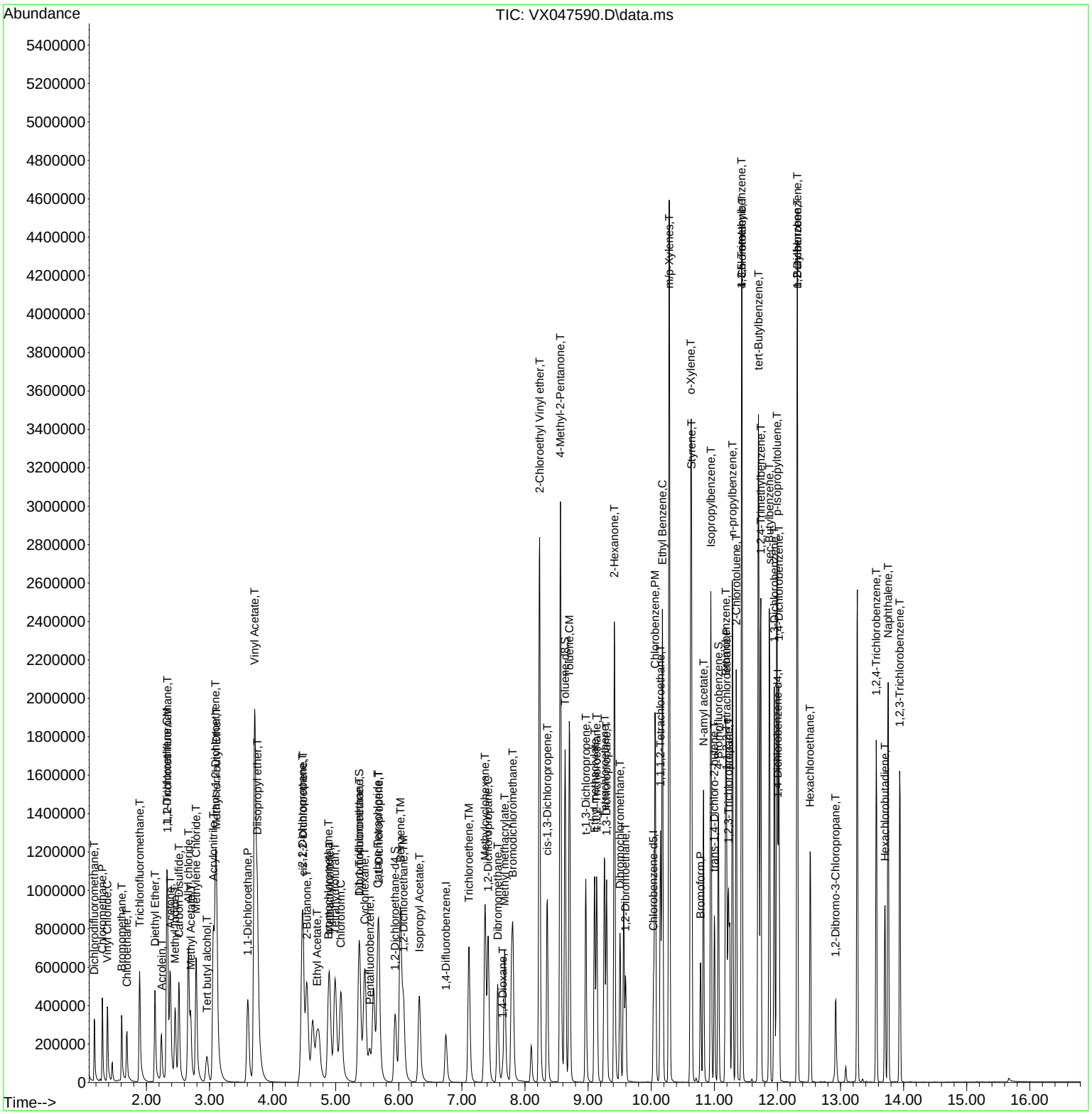
(#) = qualifier out of range (m) = manual integration (+) = signals summed

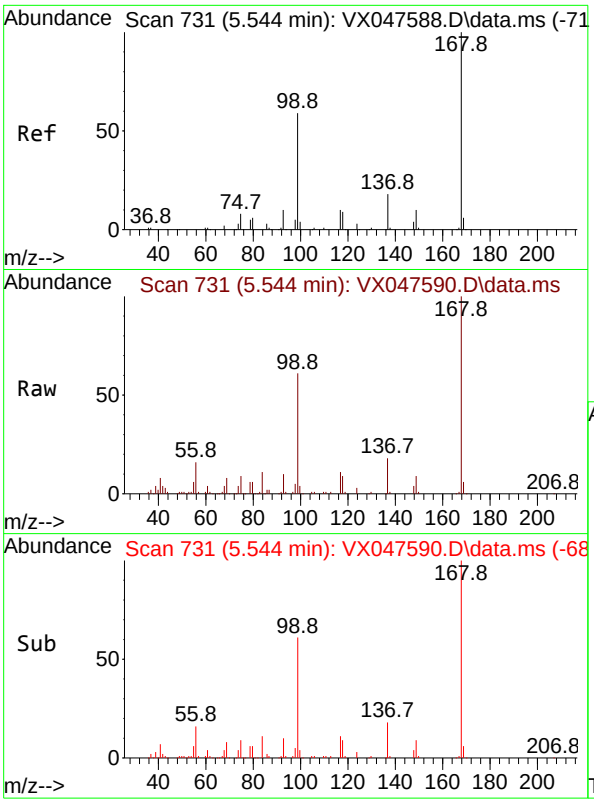
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Sep 22 01:52:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



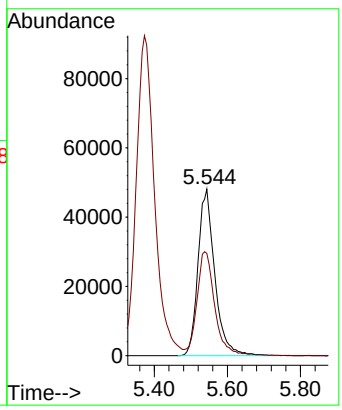


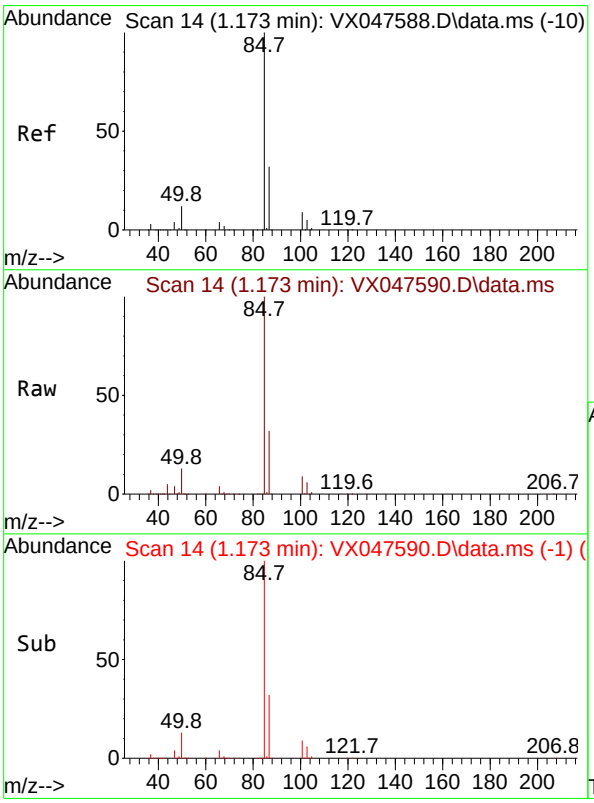
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 153177

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.8	73.2

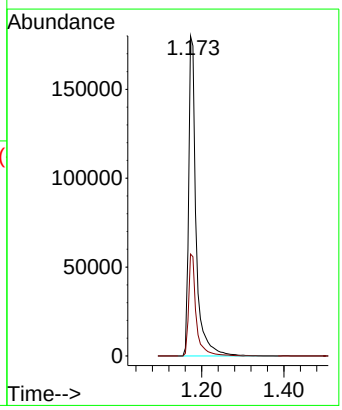


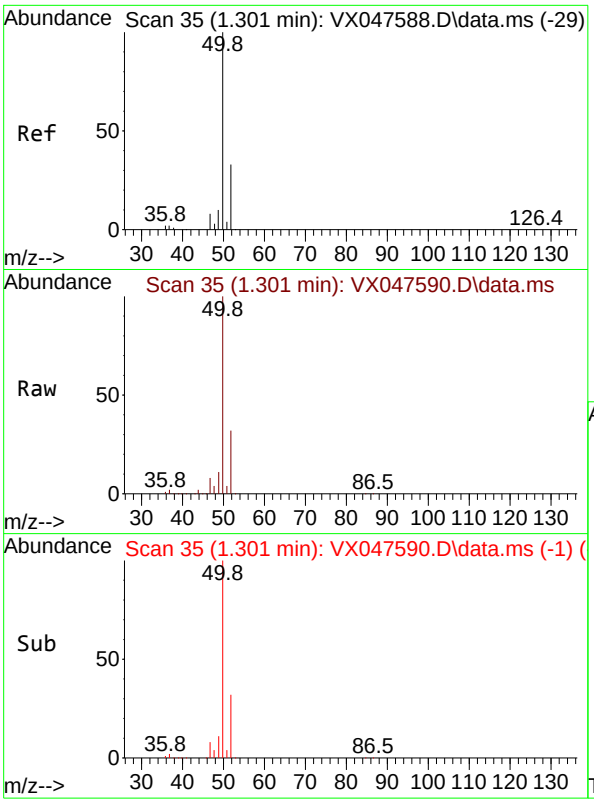


#2
Dichlorodifluoromethane
Concen: 142.586 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 85 Resp: 226166

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.8	47.3



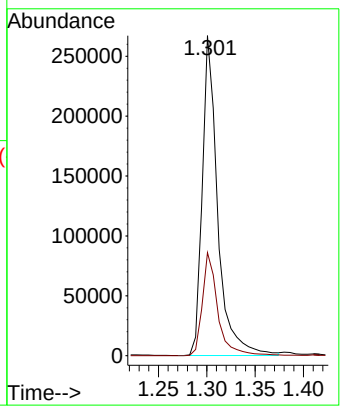


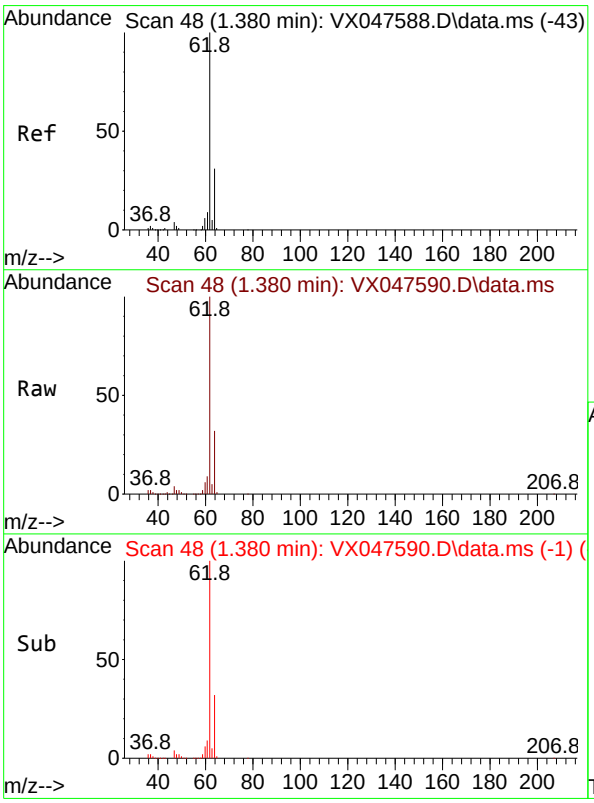
#3
Chloromethane
Concen: 142.593 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 297259

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.1	39.1

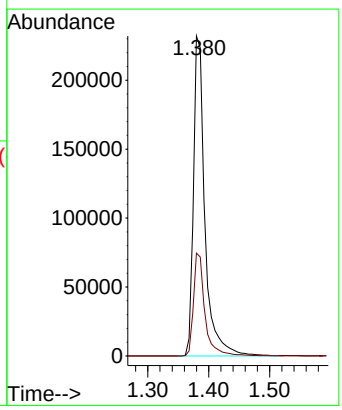


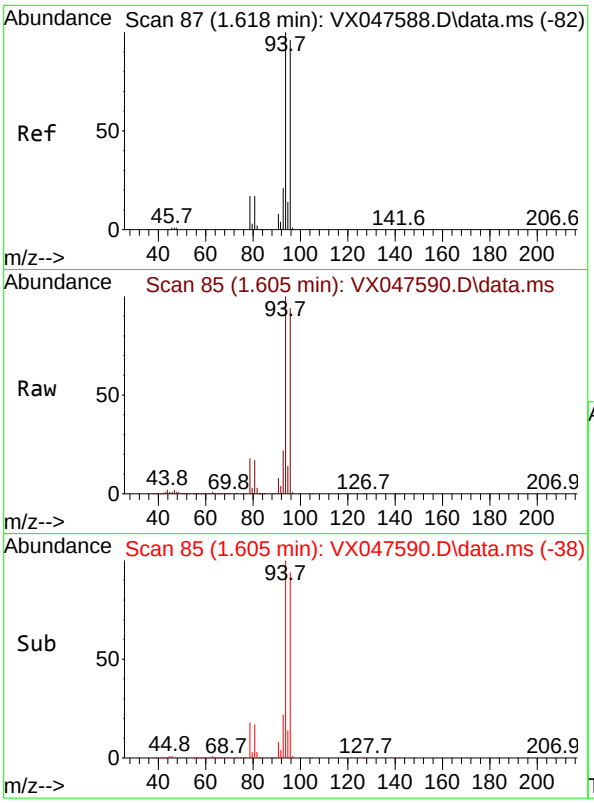


#4
Vinyl Chloride
Concen: 148.140 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 302303

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3



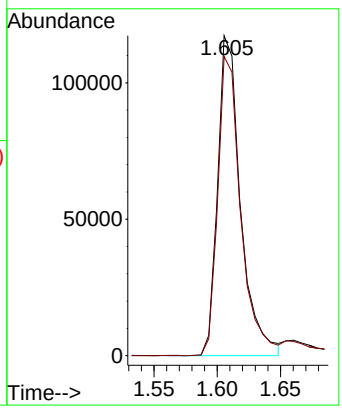


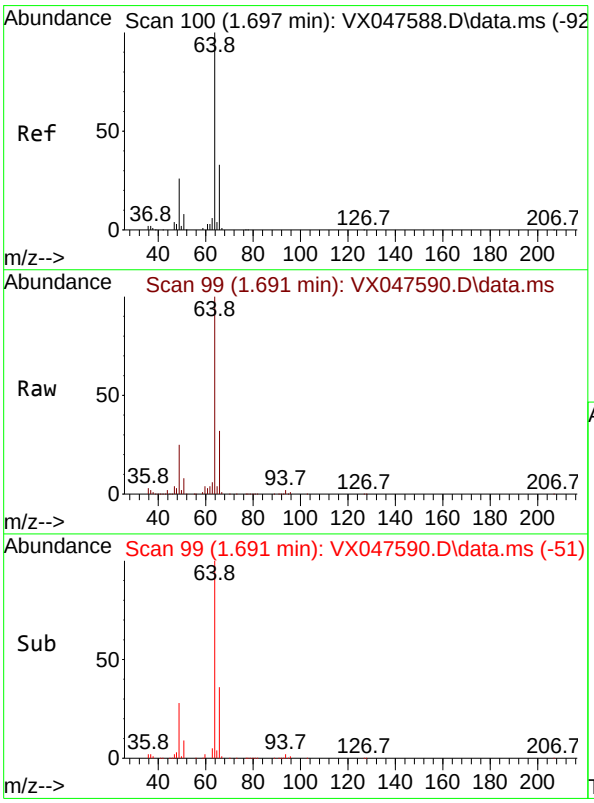
#5
Bromomethane
Concen: 114.019 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 147541

Ion	Ratio	Lower	Upper
94	100		
96	93.4	76.6	115.0

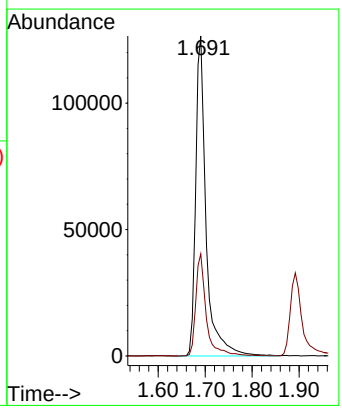


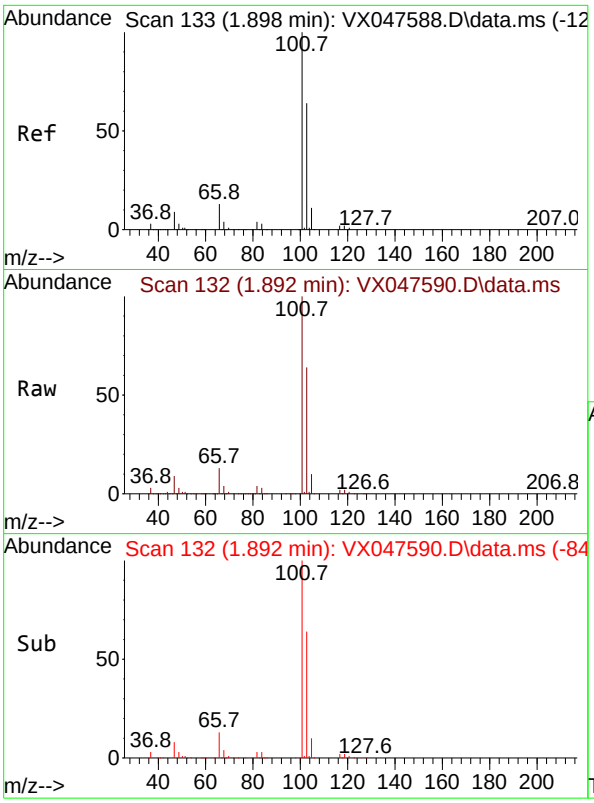


#6
Chloroethane
Concen: 143.652 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 64 Resp: 195927

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1



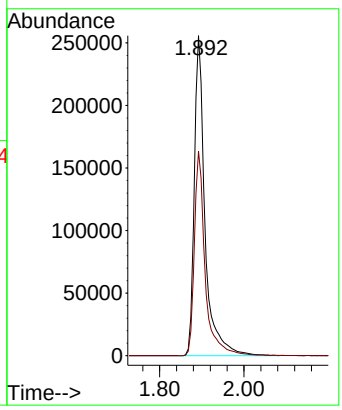


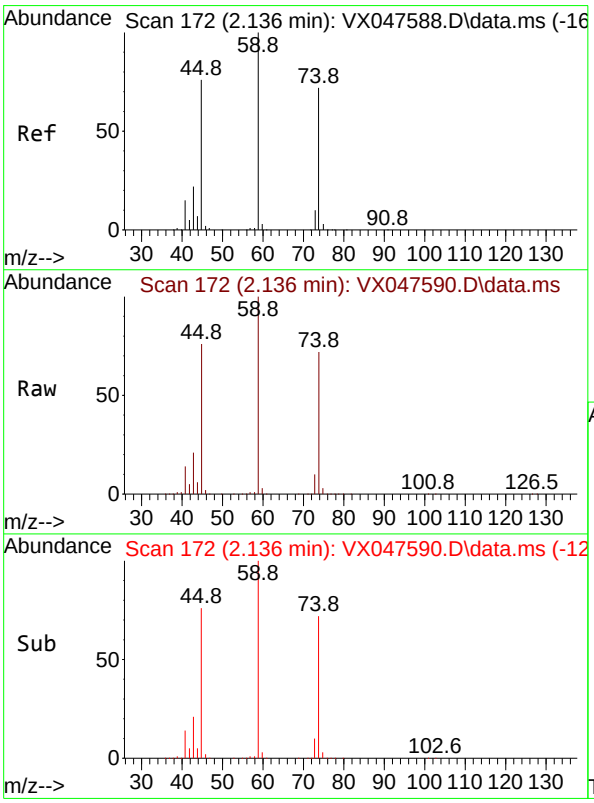
#7
Trichlorofluoromethane
Concen: 149.545 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 453116

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.4	77.2

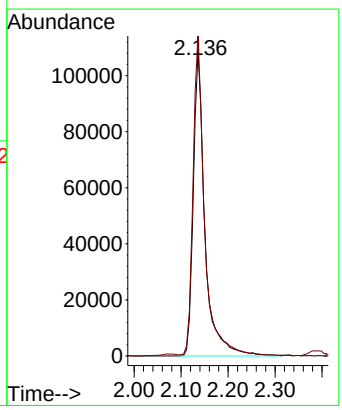


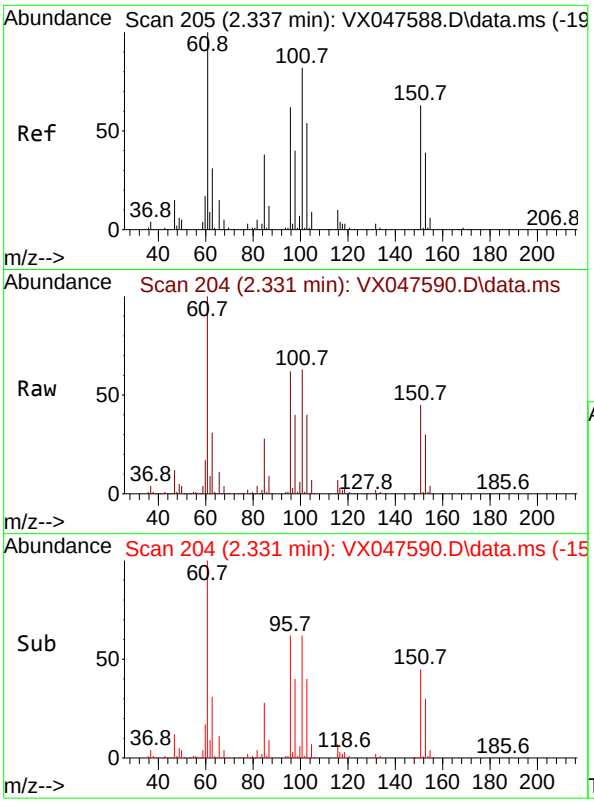


#8
Diethyl Ether
Concen: 151.684 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 74 Resp: 188006

Ion	Ratio	Lower	Upper
74	100		
45	105.5	52.3	156.8



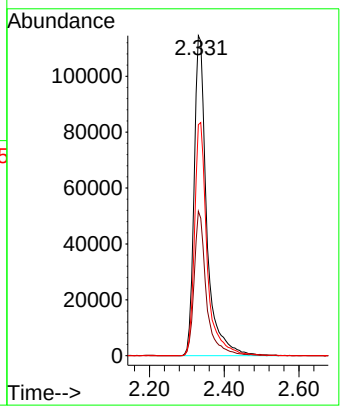


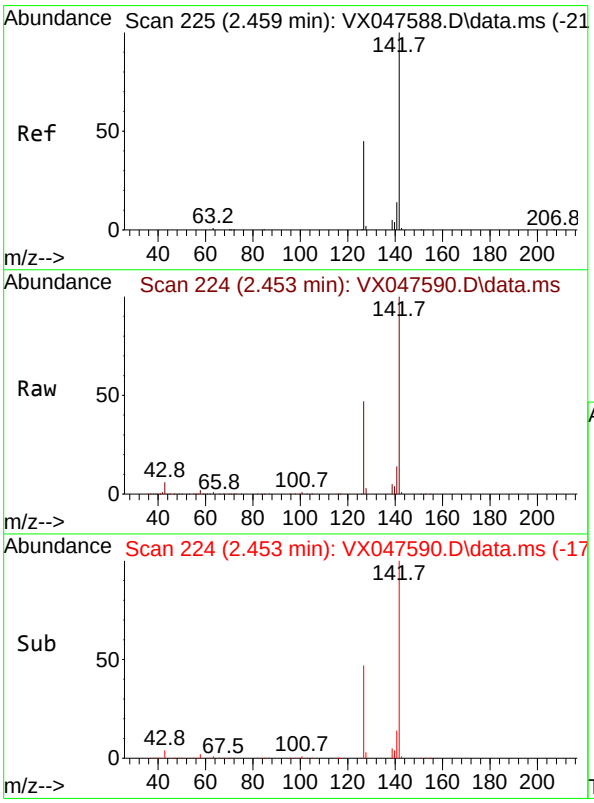
#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.264 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 267995

Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.5	53.3
151	73.2	59.4	89.0

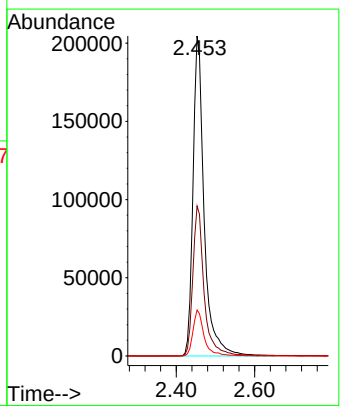


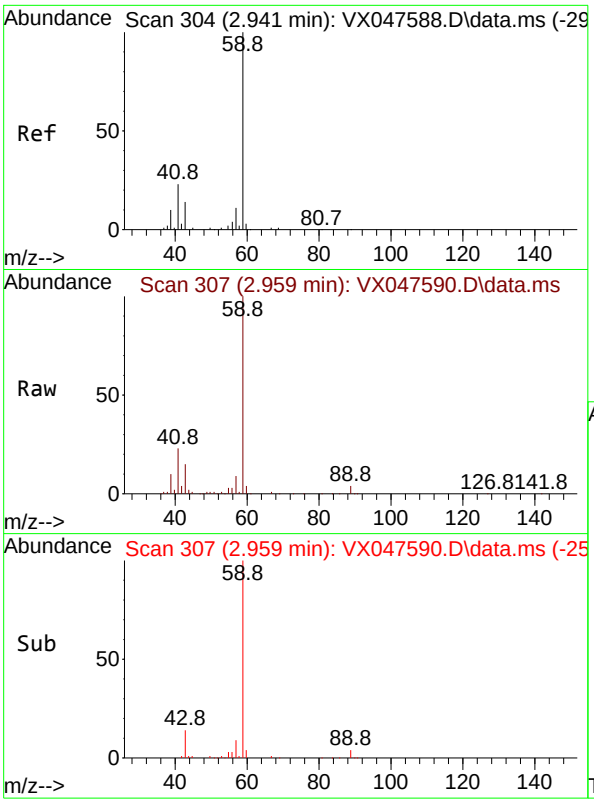


#10
Methyl Iodide
Concen: 147.384 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:142 Resp: 407242

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.2	55.8
141	14.3	11.4	17.0



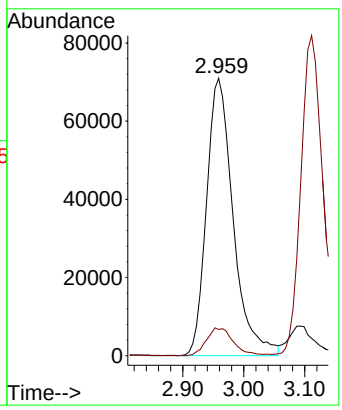


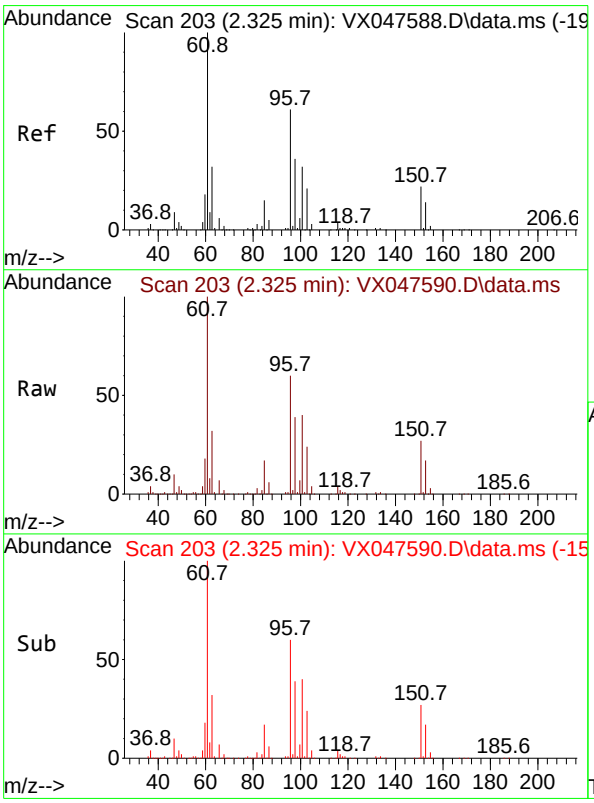
#11
Tert butyl alcohol
Concen: 795.166 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 215927

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

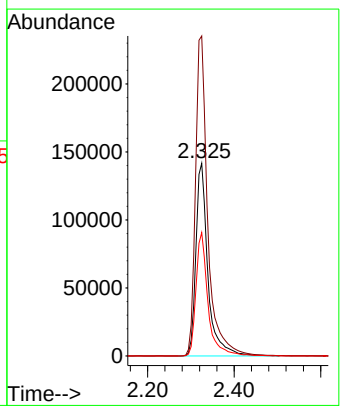


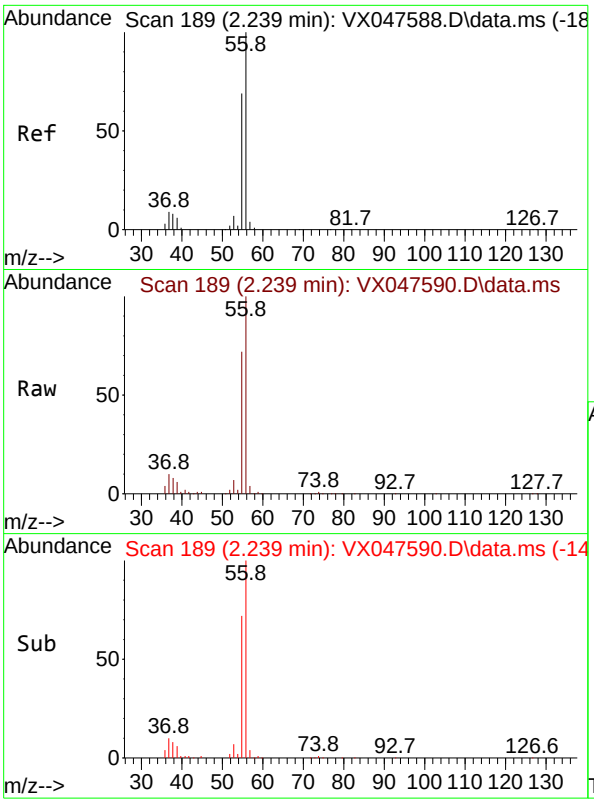


#12
1,1-Dichloroethene
Concen: 150.388 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 96 Resp: 273692

Ion	Ratio	Lower	Upper
96	100		
61	166.1	131.0	196.6
98	64.0	47.7	71.5



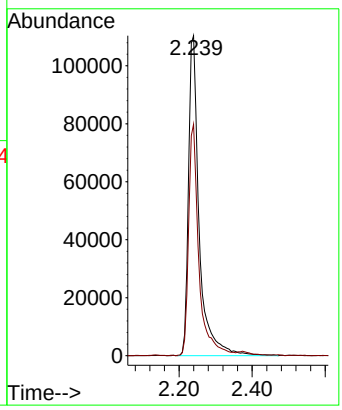


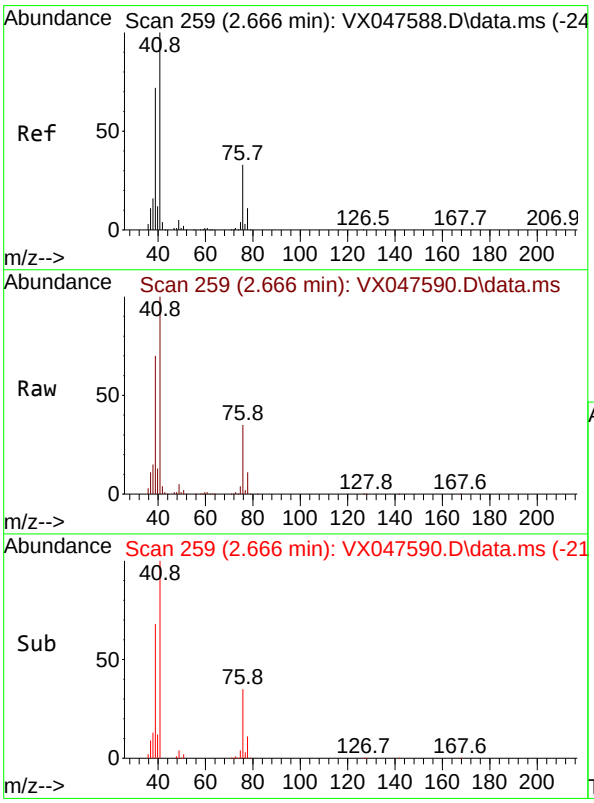
#13
Acrolein
Concen: 894.203 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 223763

Ion	Ratio	Lower	Upper
56	100		
55	69.6	57.2	85.8

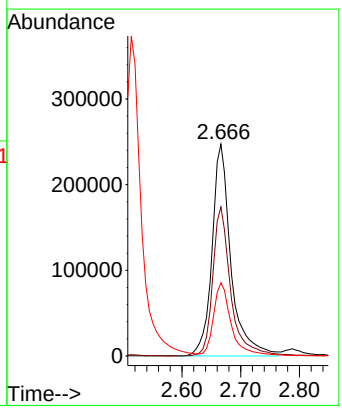


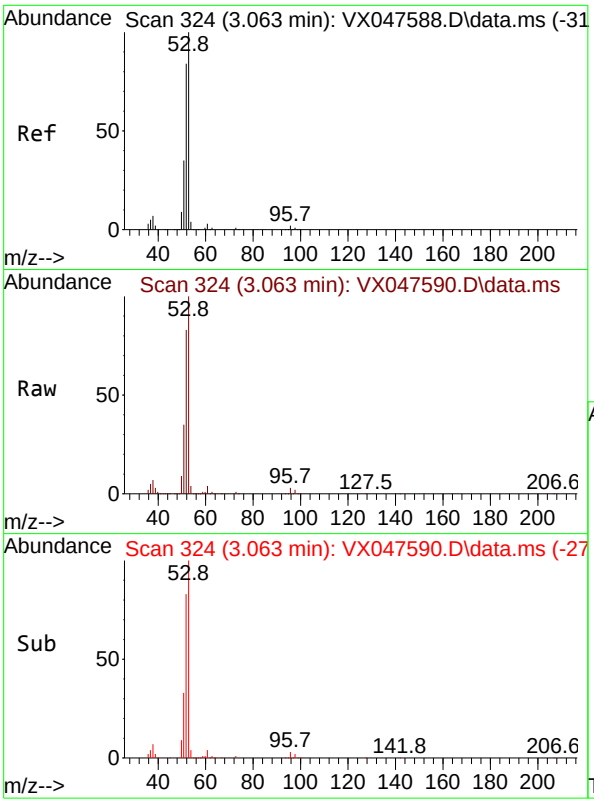


#14
Allyl chloride
Concen: 147.727 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 554779

Ion	Ratio	Lower	Upper
41	100		
39	67.3	54.7	82.1
76	32.4	25.7	38.5



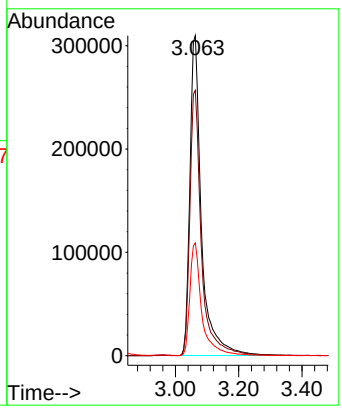


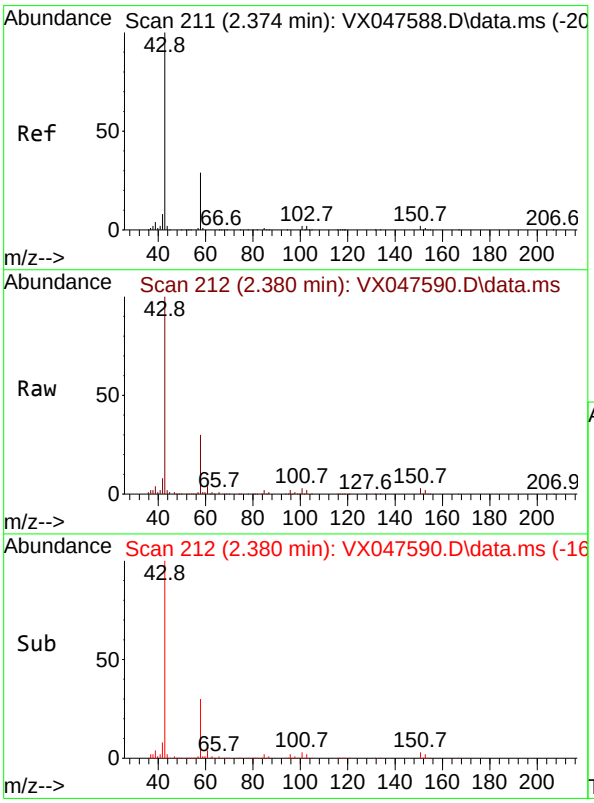
#15
Acrylonitrile
Concen: 786.201 ug/l
RT: 3.063 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 790790

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.1	29.5	44.3

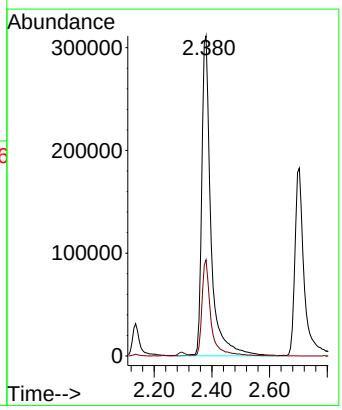


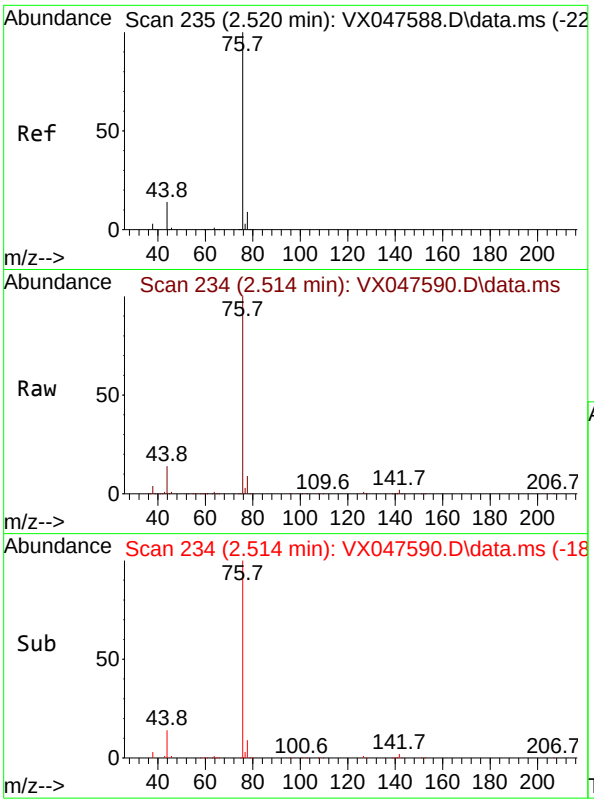


#16
Acetone
Concen: 647.201 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 686119

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0



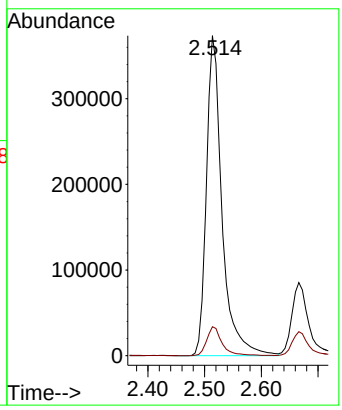


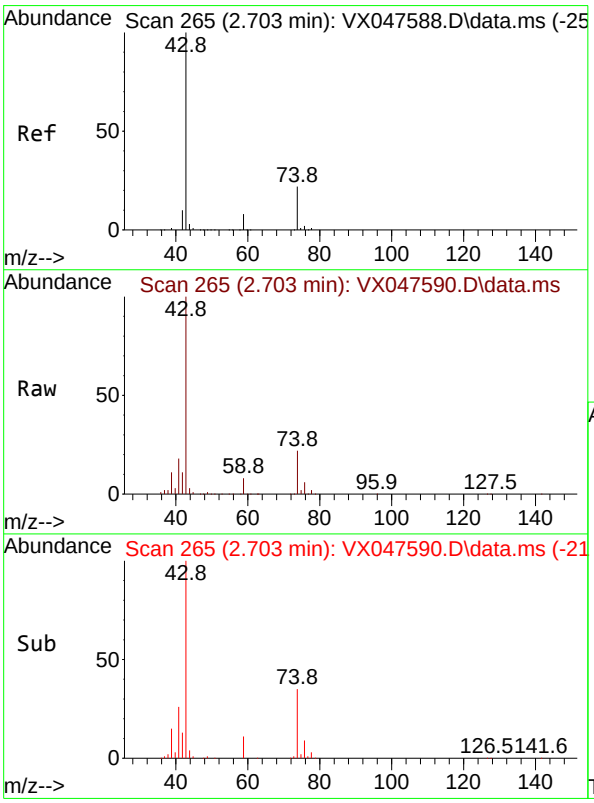
#17
Carbon Disulfide
Concen: 143.412 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 714503

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2

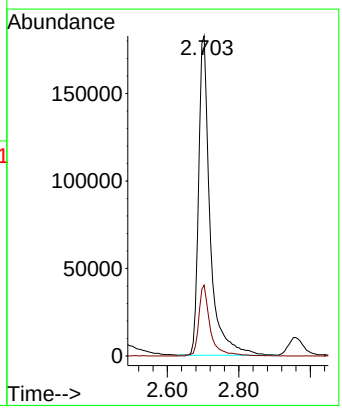


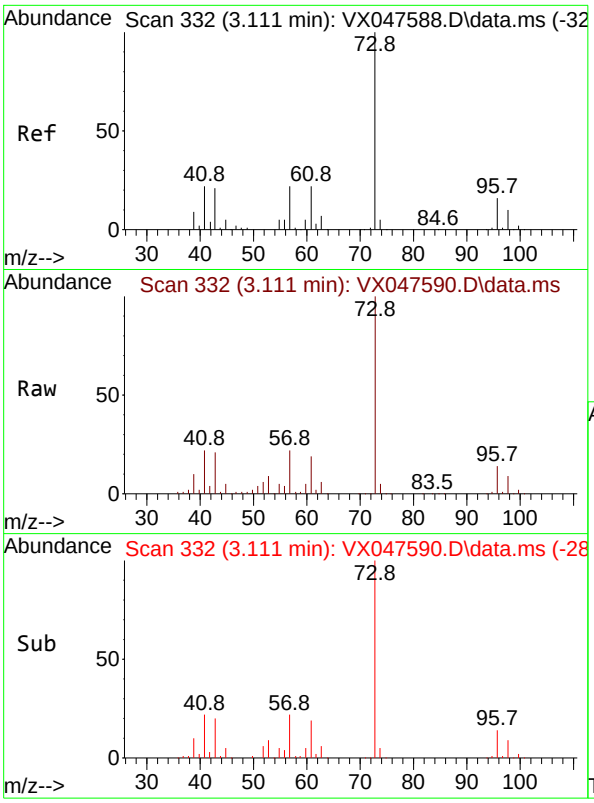


#18
Methyl Acetate
Concen: 171.548 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 404736

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2



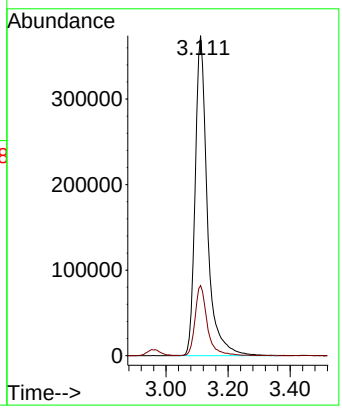


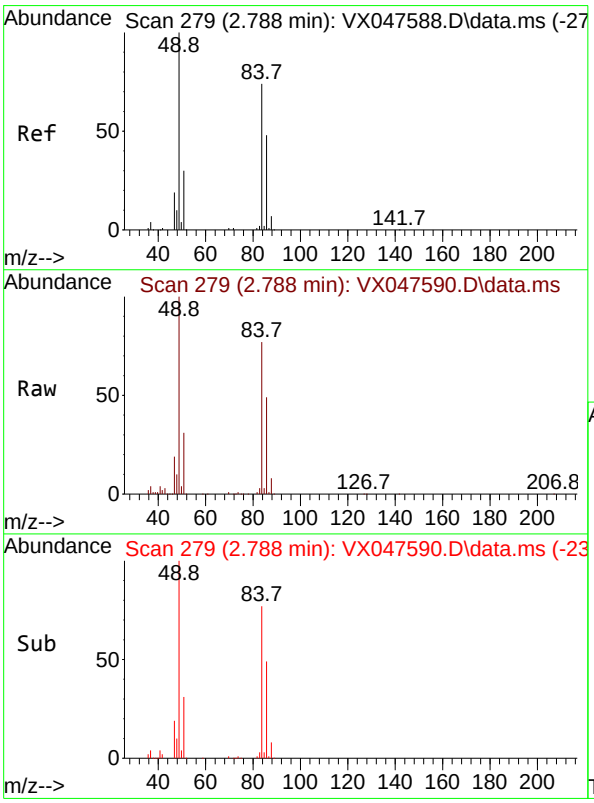
#19
Methyl tert-butyl Ether
Concen: 152.826 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 1015295

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.2

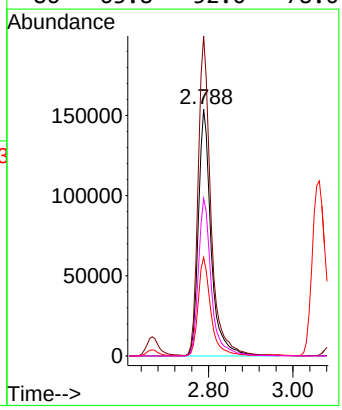


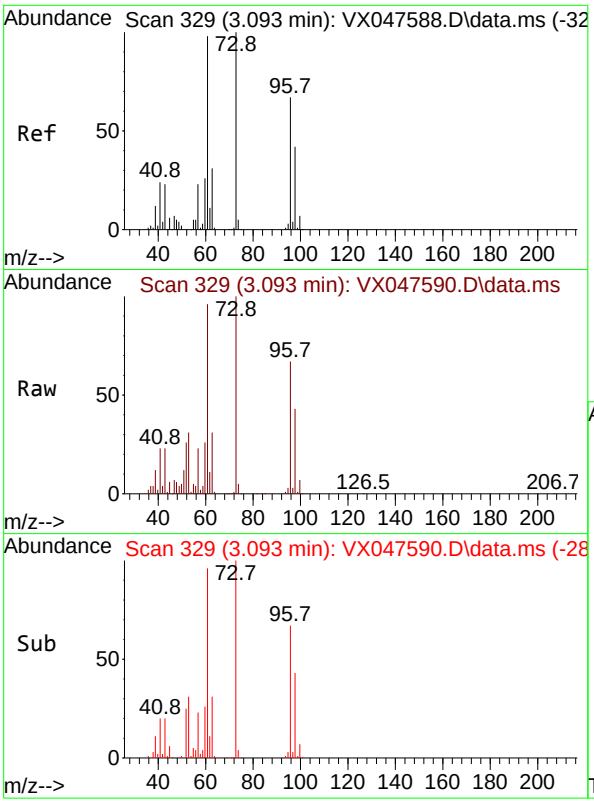


#20
Methylene Chloride
Concen: 144.398 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 84 Resp: 324032

Ion	Ratio	Lower	Upper
84	100		
49	129.4	108.6	162.8
51	39.9	32.6	48.8
86	63.8	52.0	78.0



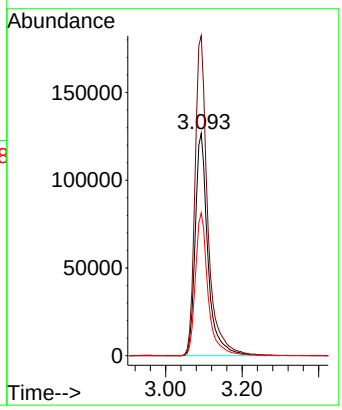


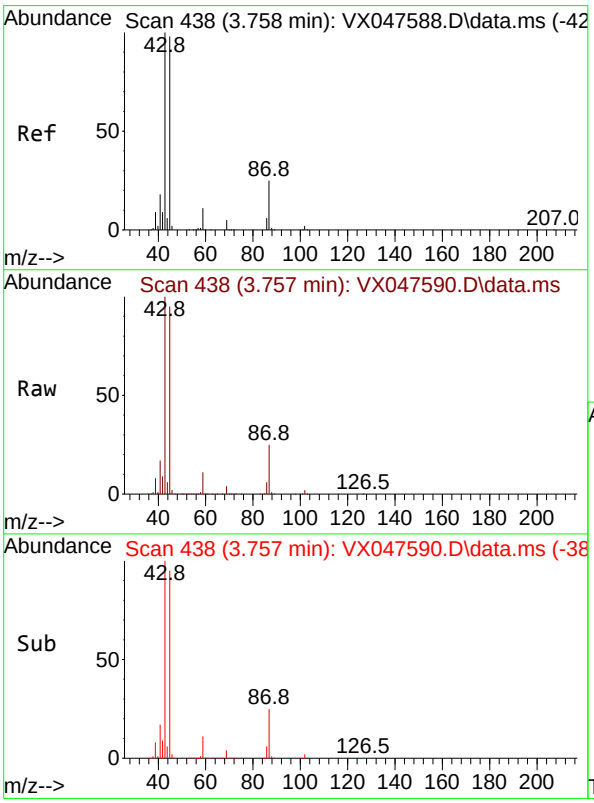
#21
trans-1,2-Dichloroethene
Concen: 148.833 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 291616

Ion	Ratio	Lower	Upper
96	100		
61	144.0	116.2	174.2
98	64.3	49.3	73.9

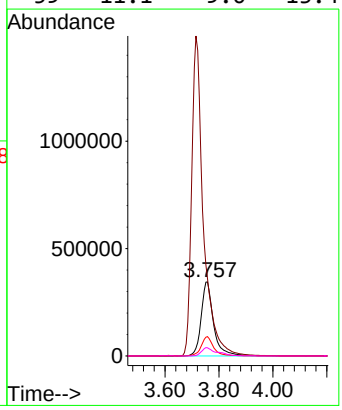


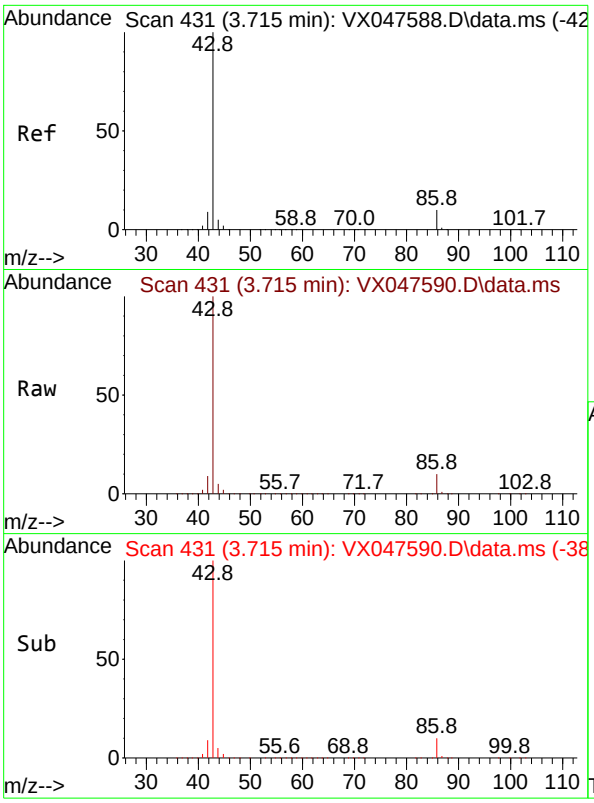


#22
Diisopropyl ether
Concen: 150.551 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 45 Resp: 1095726

Ion	Ratio	Lower	Upper
45	100		
43	104.7	81.0	121.4
87	26.2	20.3	30.5
59	11.1	9.0	13.4



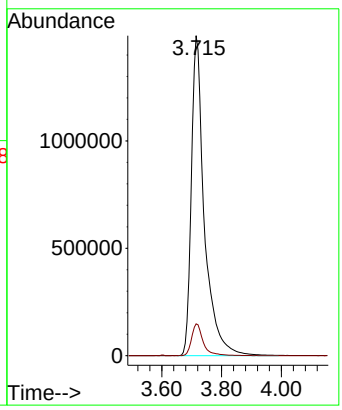


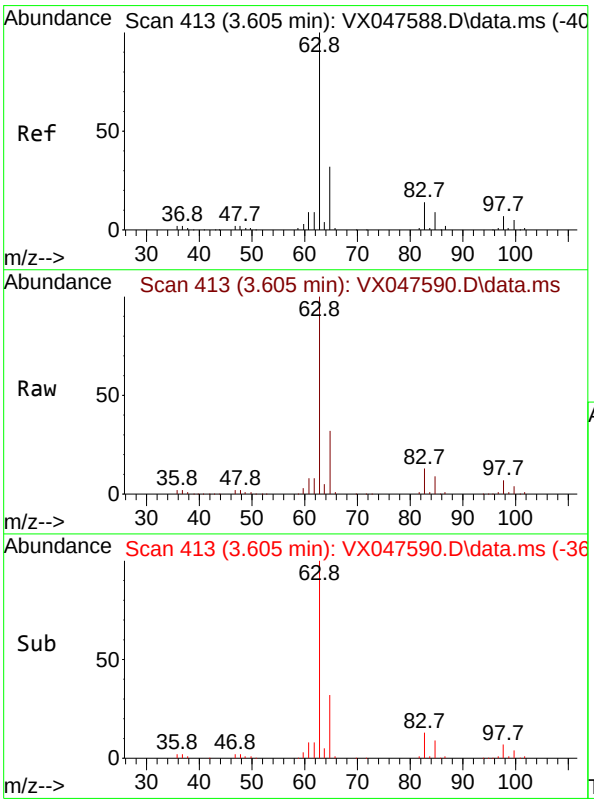
#23
Vinyl Acetate
Concen: 773.364 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 4504849

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

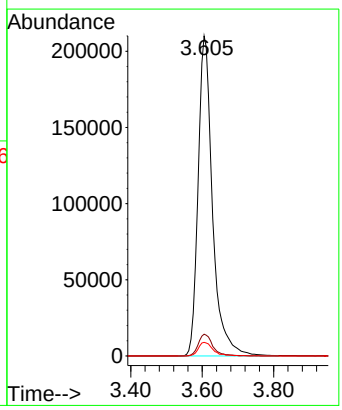


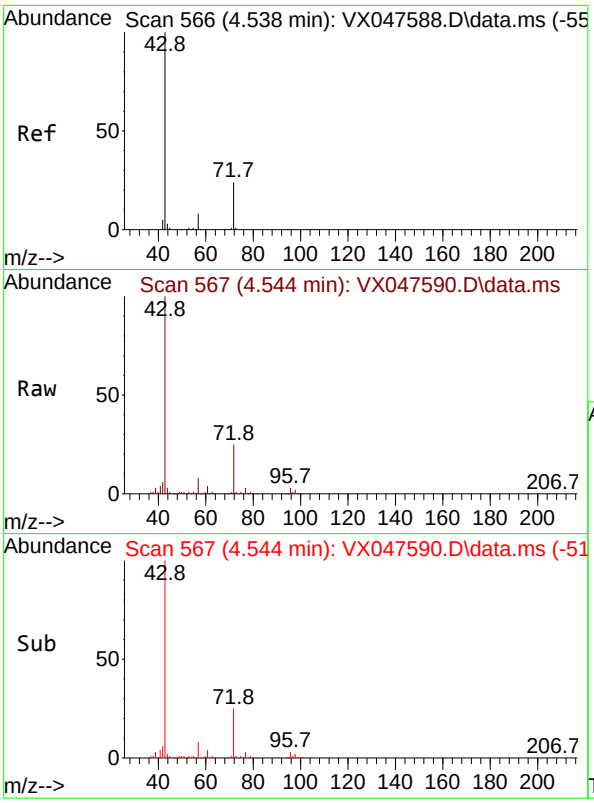


#24
1,1-Dichloroethane
Concen: 151.776 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 587129

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.3	2.3	6.9



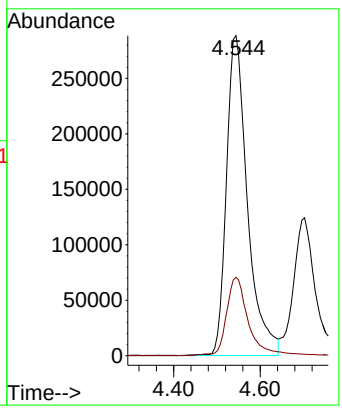


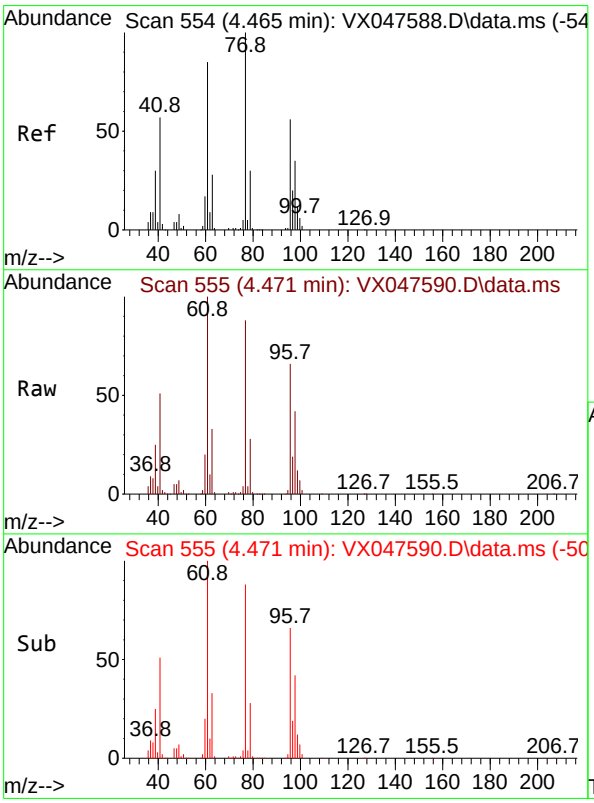
#25
2-Butanone
Concen: 736.502 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 973938

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.1	30.1

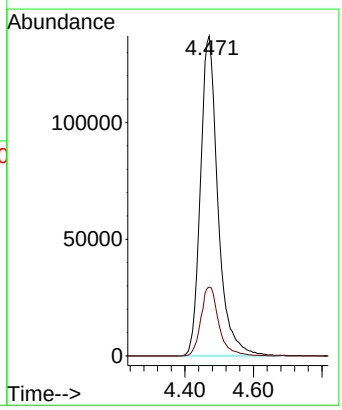


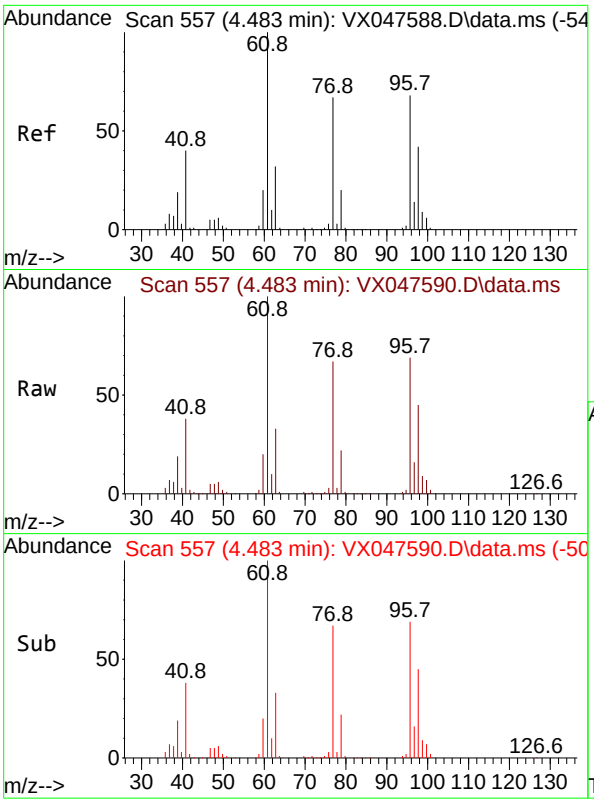


#26
2,2-Dichloropropane
Concen: 151.414 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 77 Resp: 486890

Ion	Ratio	Lower	Upper
77	100		
97	22.1	10.9	32.7



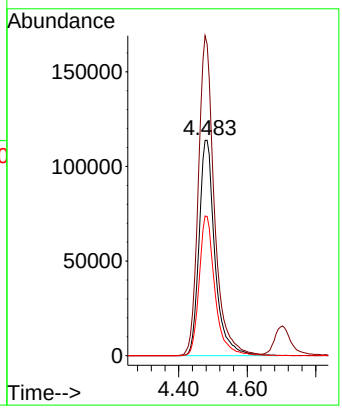


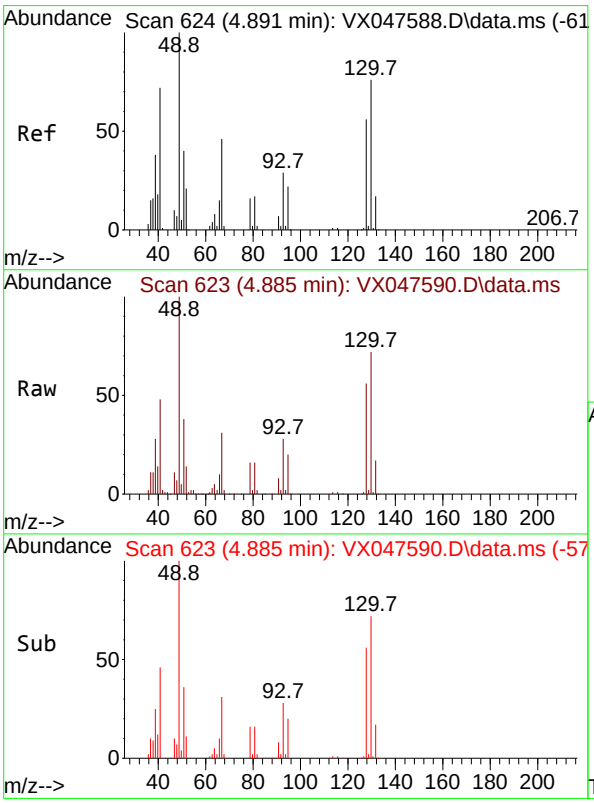
#27
cis-1,2-Dichloroethene
Concen: 152.638 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 366262

Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	303.2
98	64.6	0.0	127.8

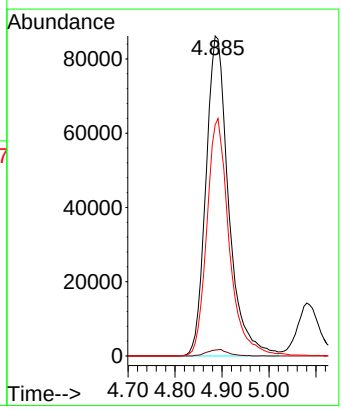


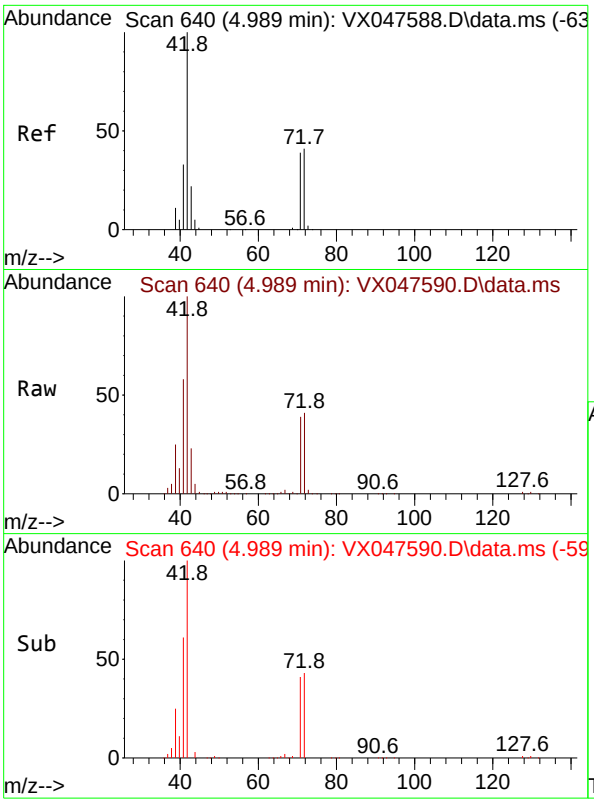


#28
Bromochloromethane
Concen: 171.451 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 49 Resp: 289548

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	73.2	57.8	86.8



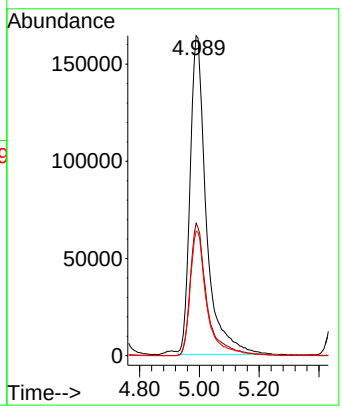


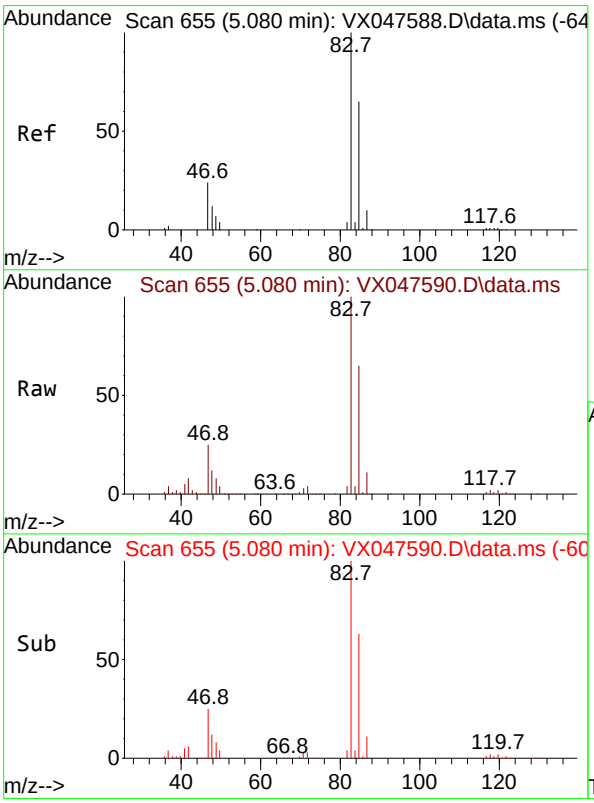
#29
Tetrahydrofuran
Concen: 774.811 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 616374

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.2
71	39.9	31.9	47.9

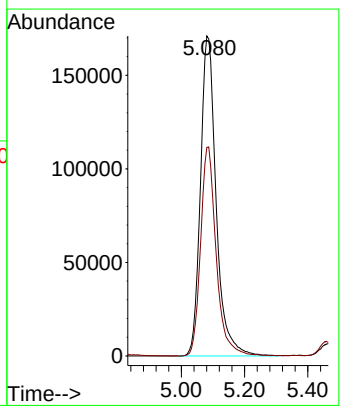


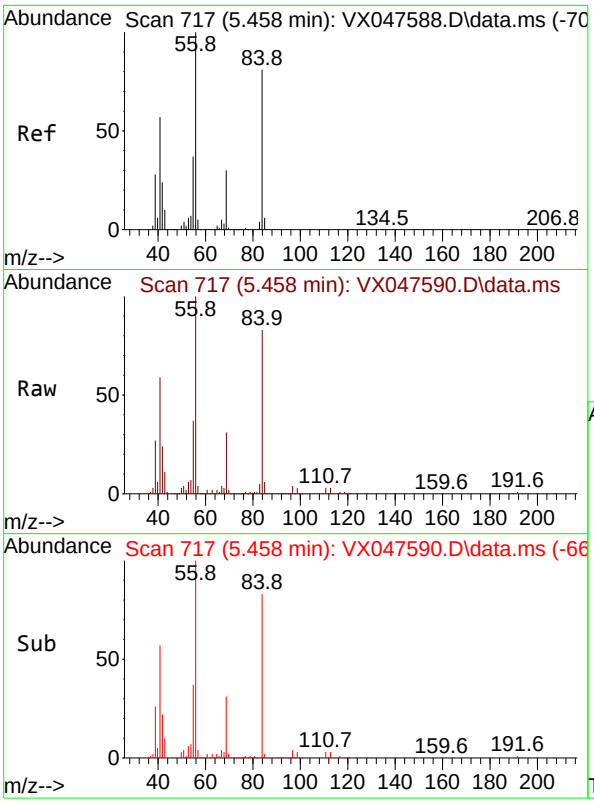


#30
Chloroform
Concen: 151.367 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 591709

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.6



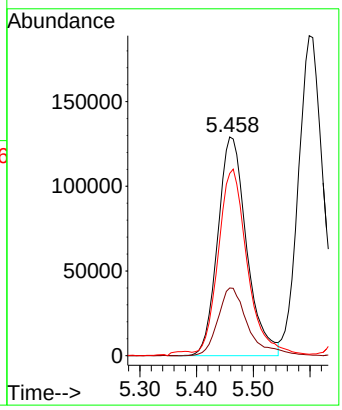


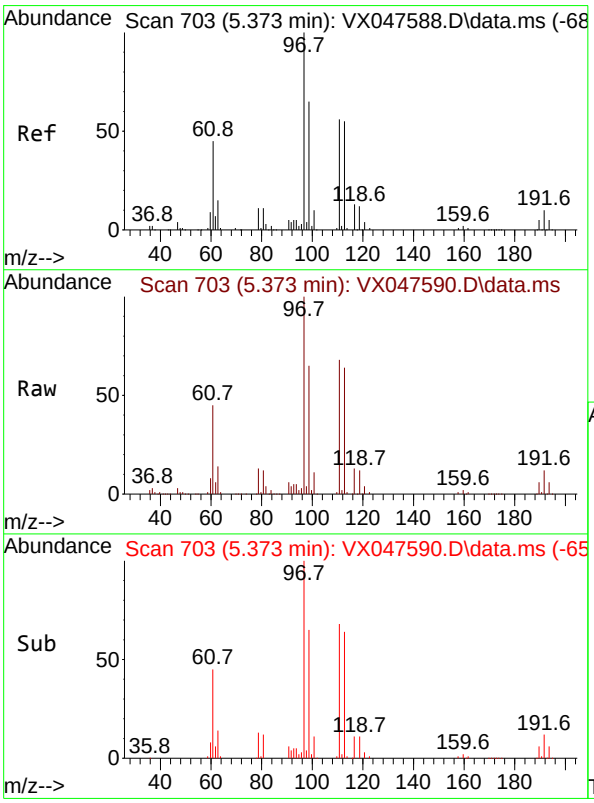
#31
Cyclohexane
Concen: 141.570 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 456119

Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.8	35.8
84	81.5	64.6	97.0

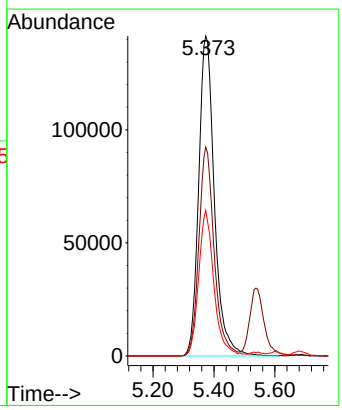


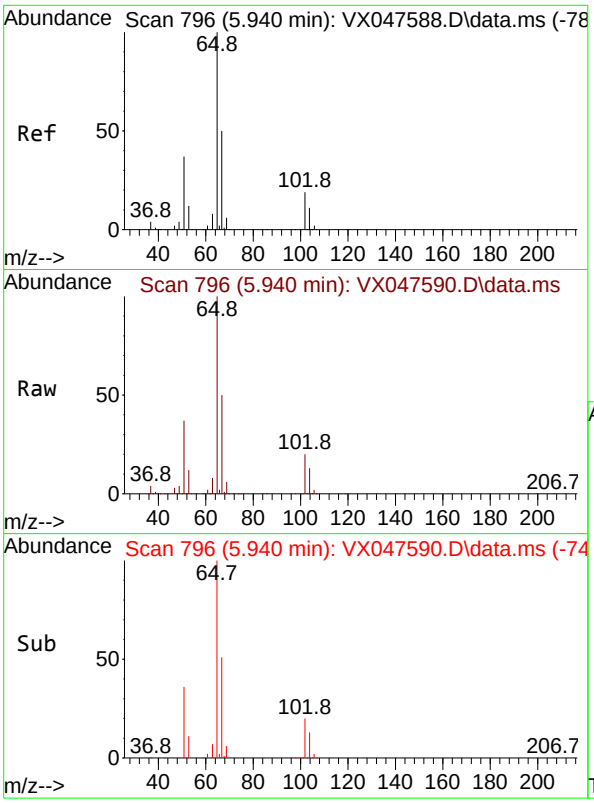


#32
1,1,1-Trichloroethane
Concen: 152.802 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 97 Resp: 506654

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.6	76.0
61	44.2	35.8	53.8



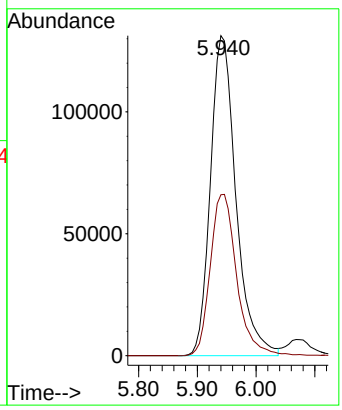


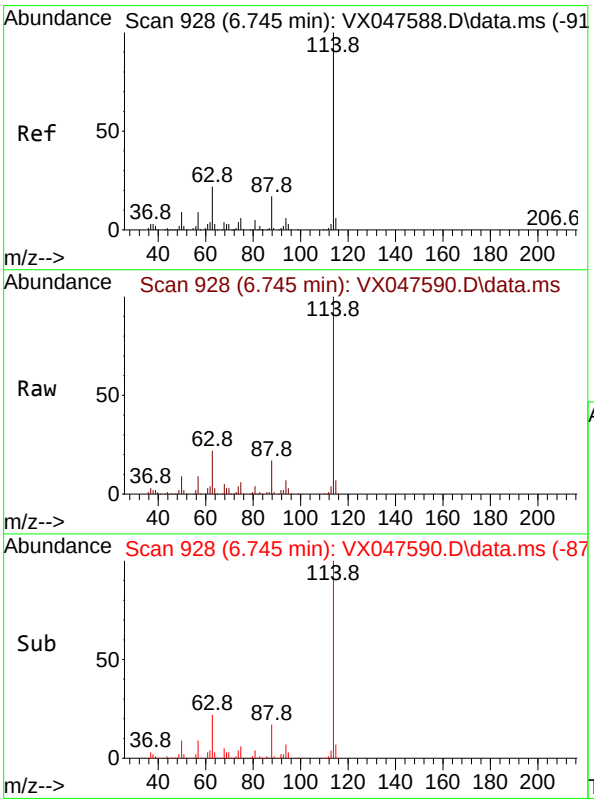
#33
1,2-Dichloroethane-d4
Concen: 162.673 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 396627

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0

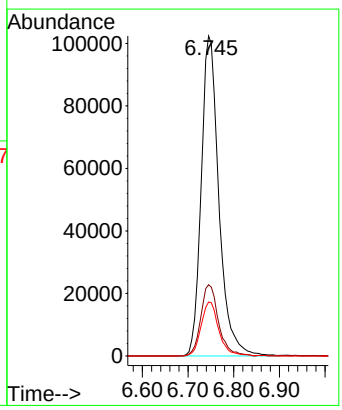


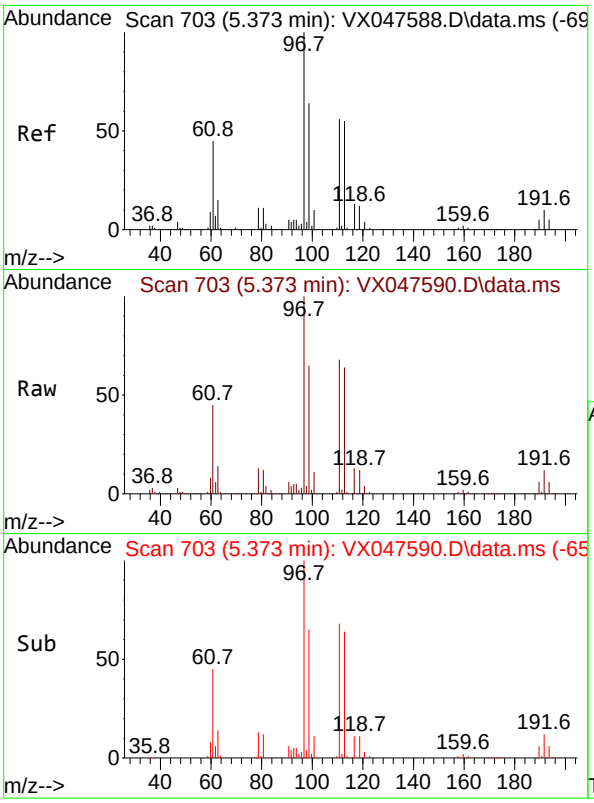


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:114 Resp: 274804

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2



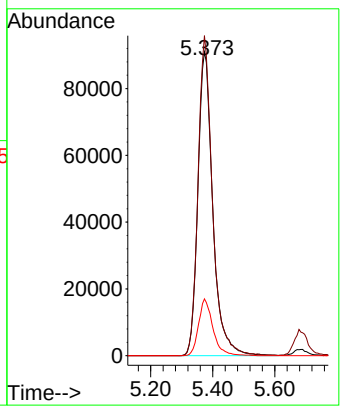


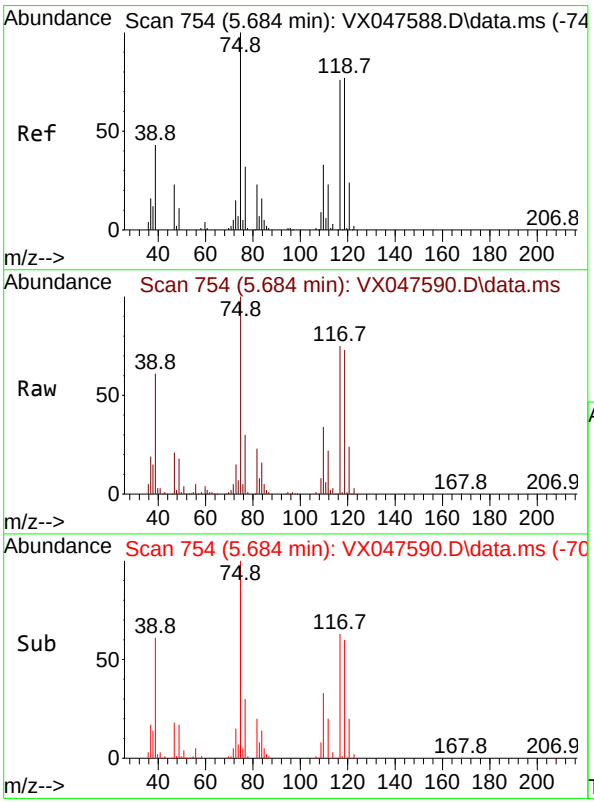
#35
Dibromofluoromethane
Concen: 164.802 ug/l
RT: 5.373 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 303728

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.9	121.3
192	18.1	14.2	21.4

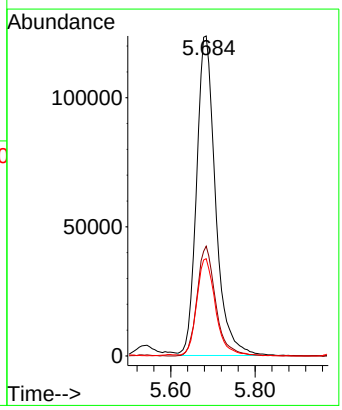


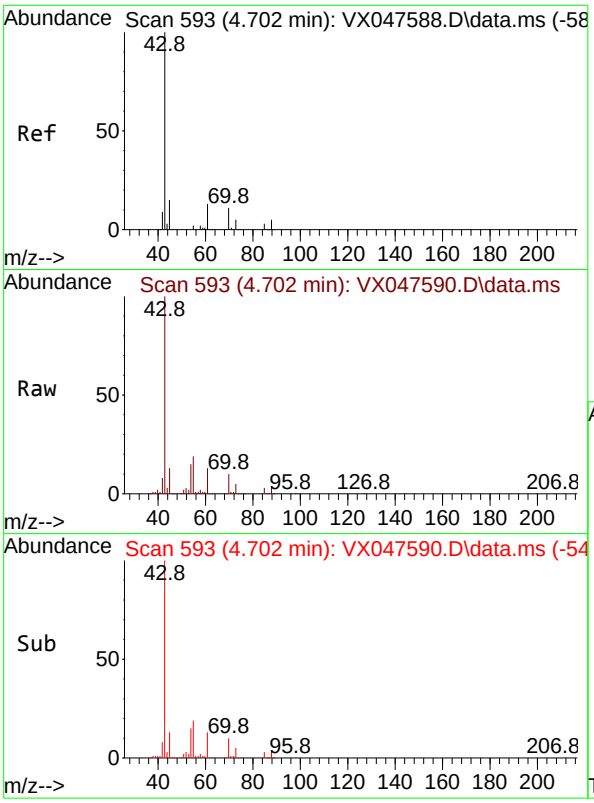


#36
1,1-Dichloropropene
Concen: 143.556 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 386601

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	30.6	24.3	36.5



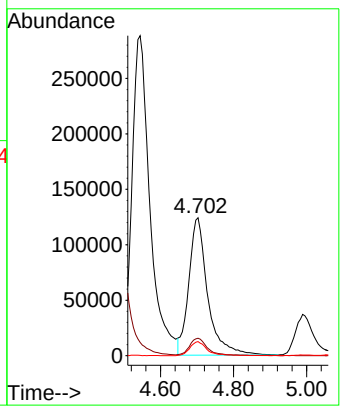


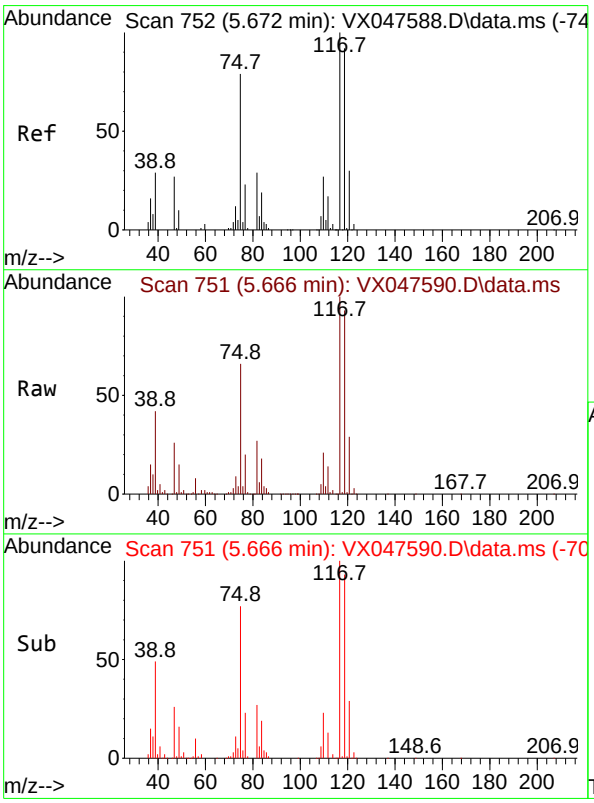
#37
Ethyl Acetate
Concen: 154.141 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 444461

Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.8	14.8
70	9.5	7.9	11.9

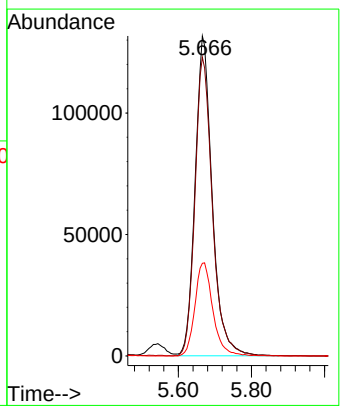


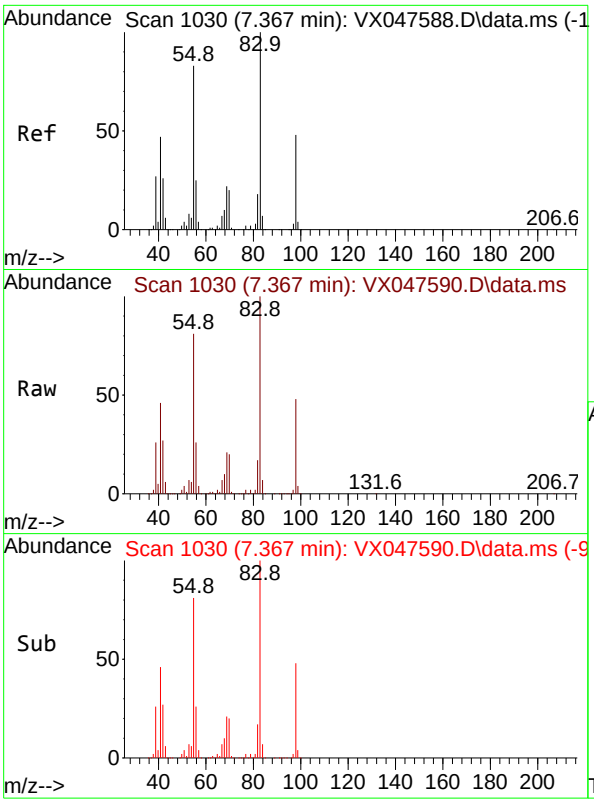


#38
Carbon Tetrachloride
Concen: 146.021 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 427263

Ion	Ratio	Lower	Upper
117	100		
119	93.3	73.4	110.2
121	29.0	23.8	35.6



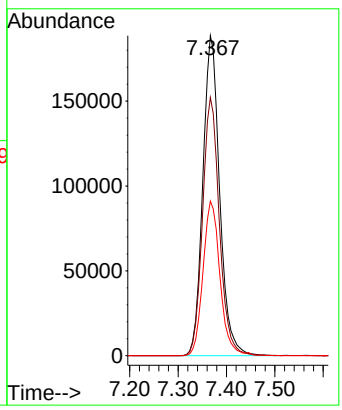


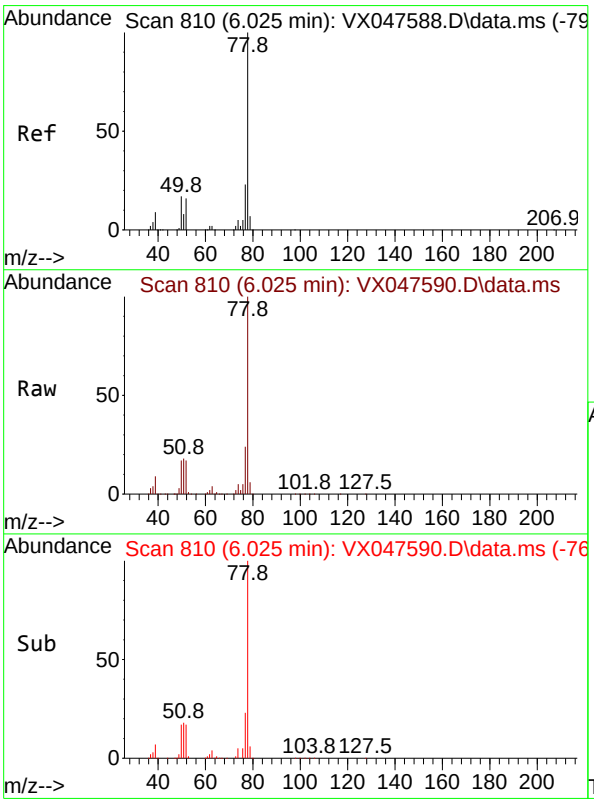
#39
Methylcyclohexane
Concen: 149.395 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 456694

Ion	Ratio	Lower	Upper
83	100		
55	80.7	66.4	99.6
98	48.3	38.1	57.1

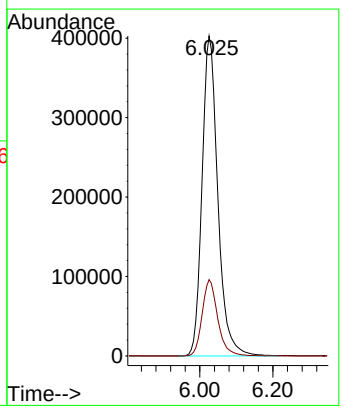


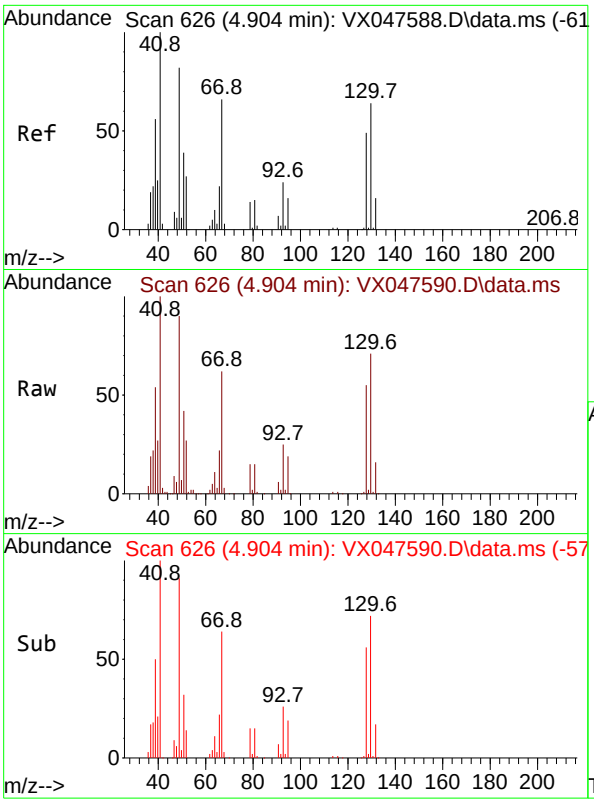


#40
Benzene
Concen: 147.057 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 78 Resp: 1202846

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2



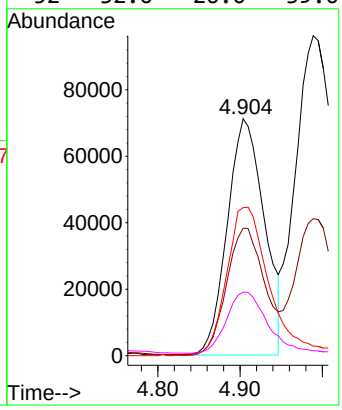


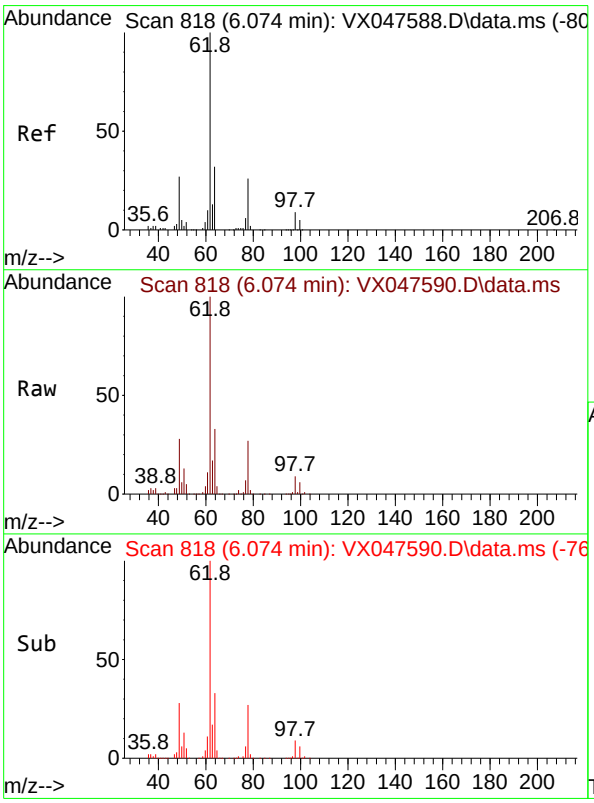
#41
Methacrylonitrile
Concen: 149.951 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 223218

Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.3	64.9
67	74.6	58.6	87.8
52	32.0	26.0	39.0

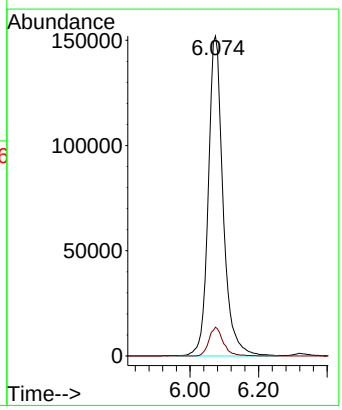


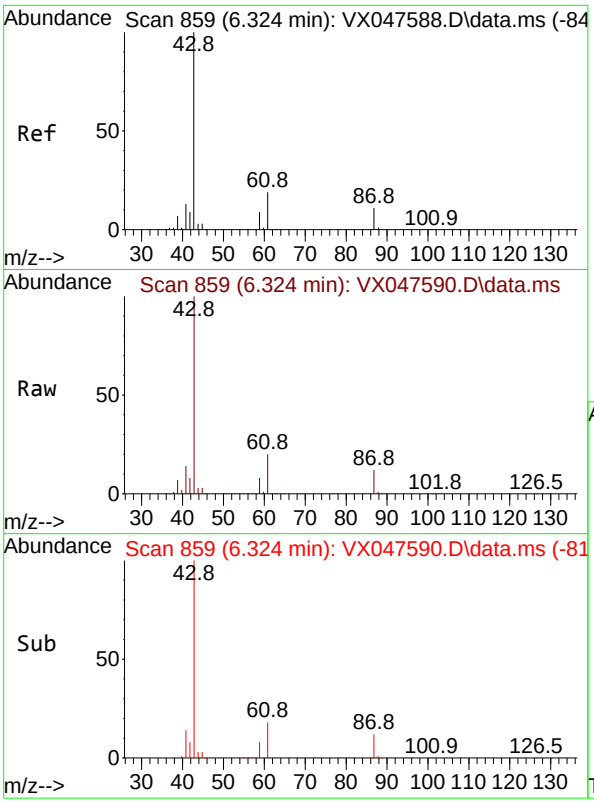


#42
1,2-Dichloroethane
Concen: 146.515 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 455978

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



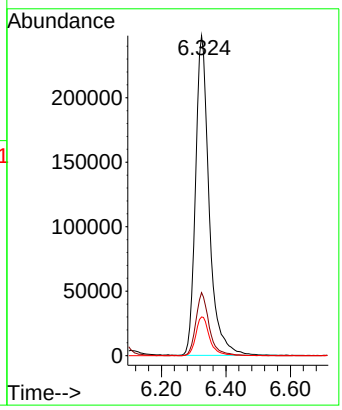


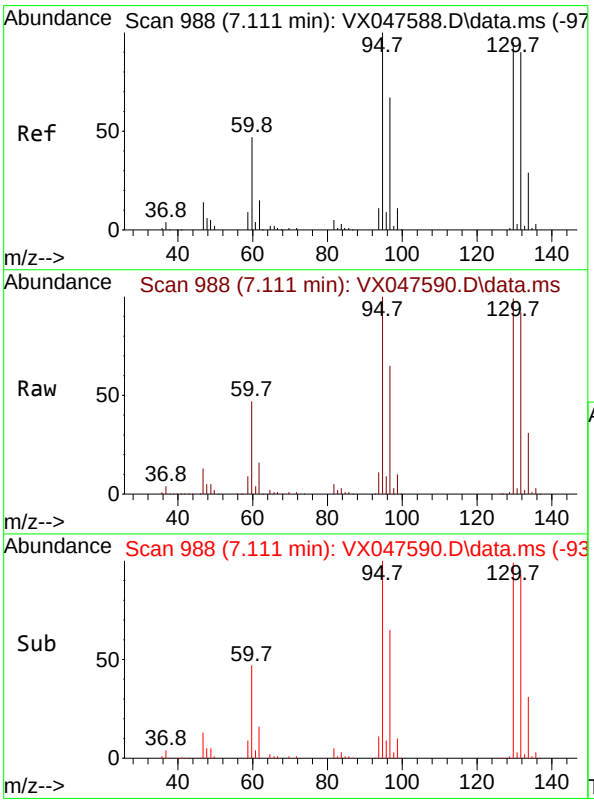
#43
Isopropyl Acetate
Concen: 153.283 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 724888

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.2	22.8
87	12.3	9.6	14.4

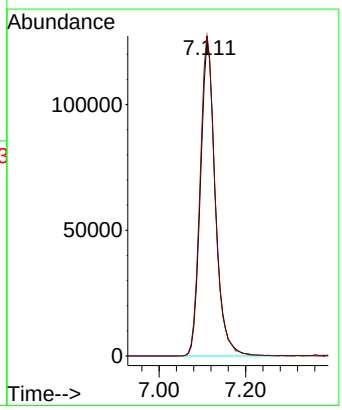


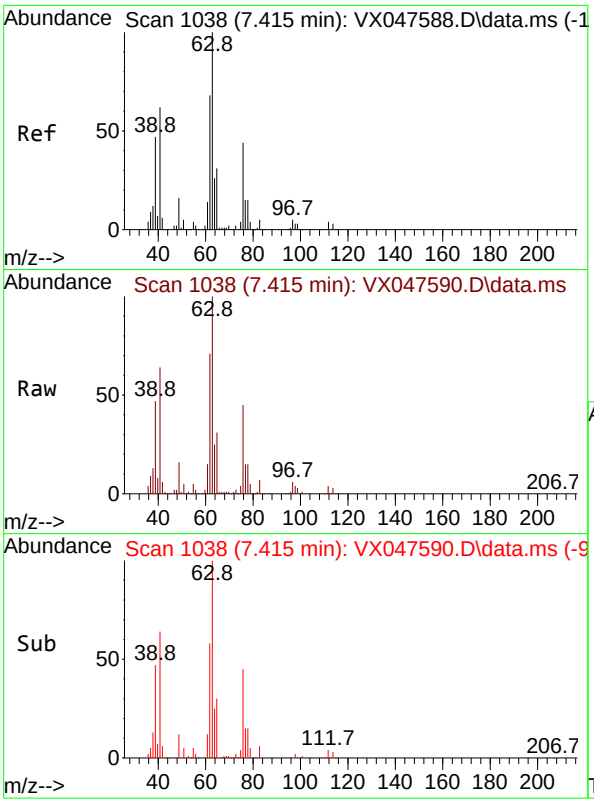


#44
Trichloroethene
Concen: 151.542 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:130 Resp: 299673

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	210.8



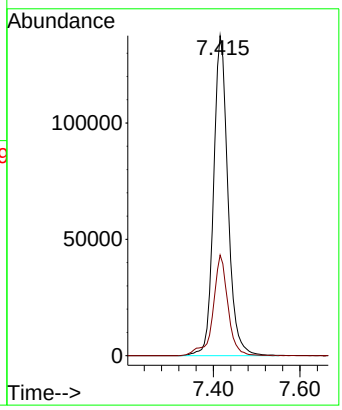


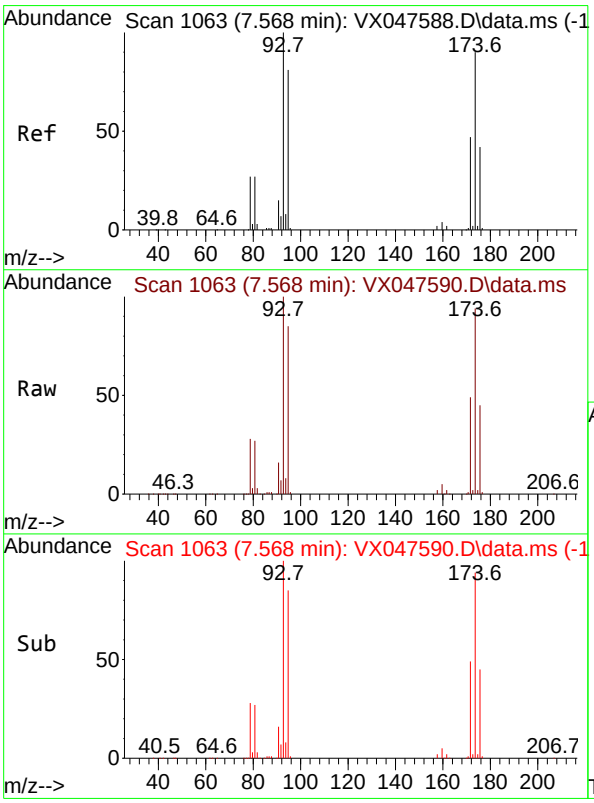
#45
1,2-Dichloropropane
Concen: 151.219 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 316720

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1

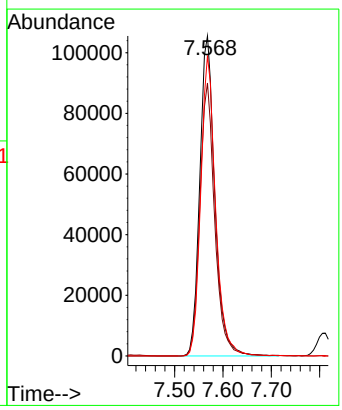


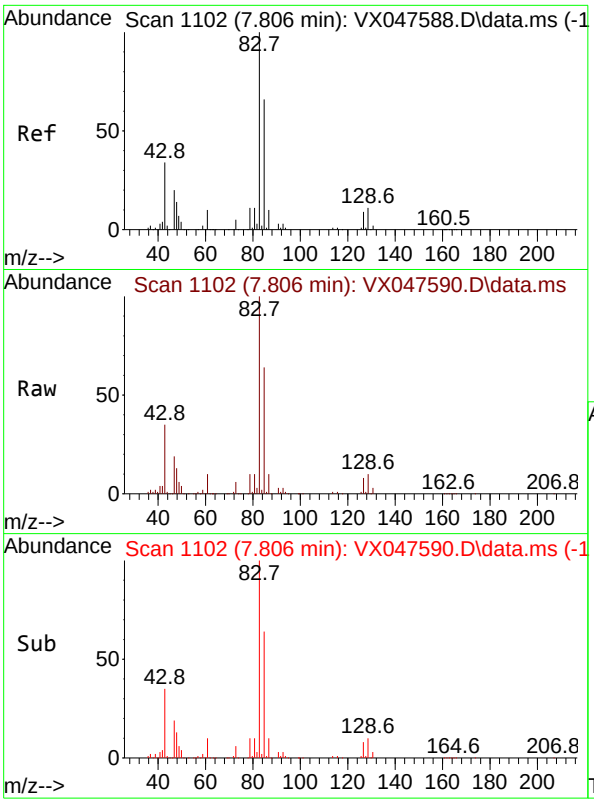


#46
Dibromomethane
Concen: 149.954 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 93 Resp: 228550

Ion	Ratio	Lower	Upper
93	100		
95	84.2	65.0	97.6
174	92.5	71.6	107.4



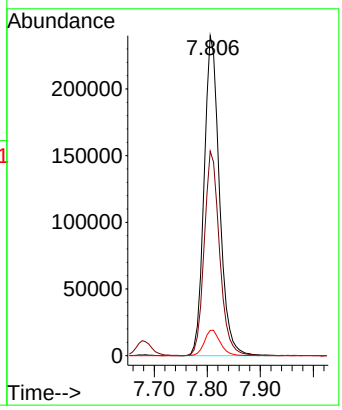


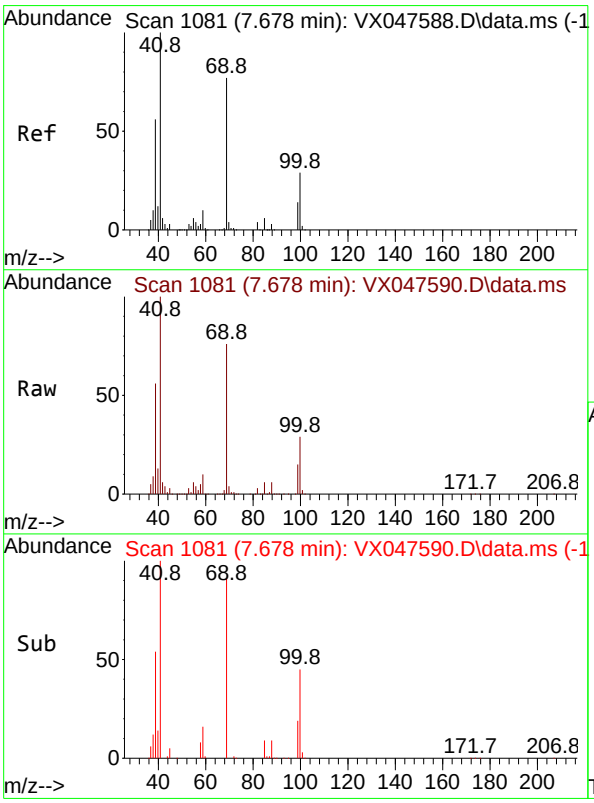
#47
Bromodichloromethane
Concen: 153.710 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 483438

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.5	78.7
127	7.9	6.9	10.3

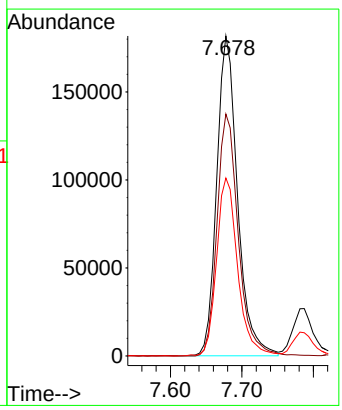


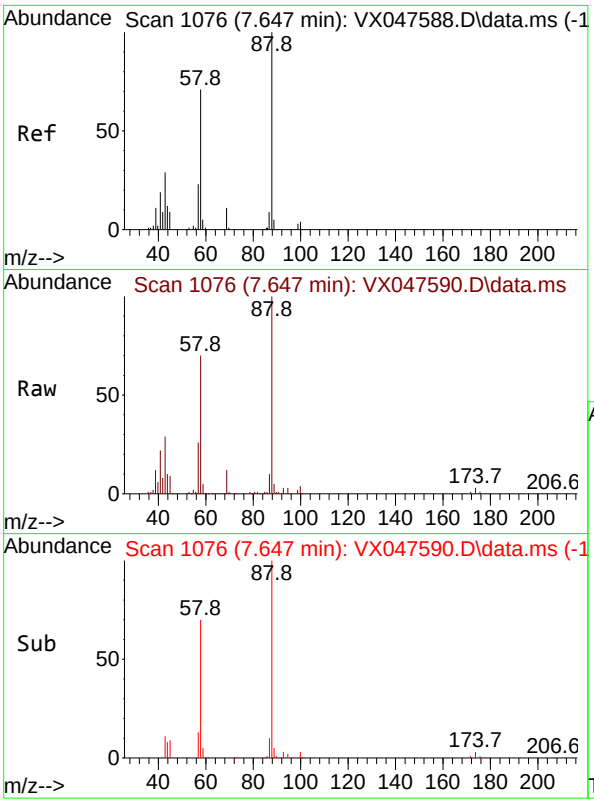


#48
Methyl methacrylate
Concen: 156.194 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 367931

Ion	Ratio	Lower	Upper
41	100		
69	77.2	61.4	92.2
39	56.5	45.8	68.6



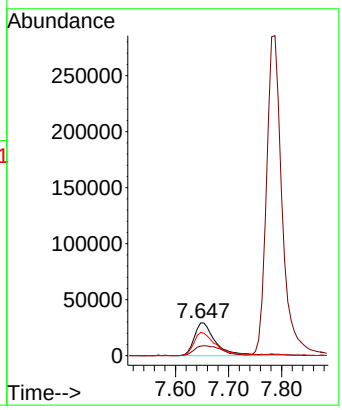


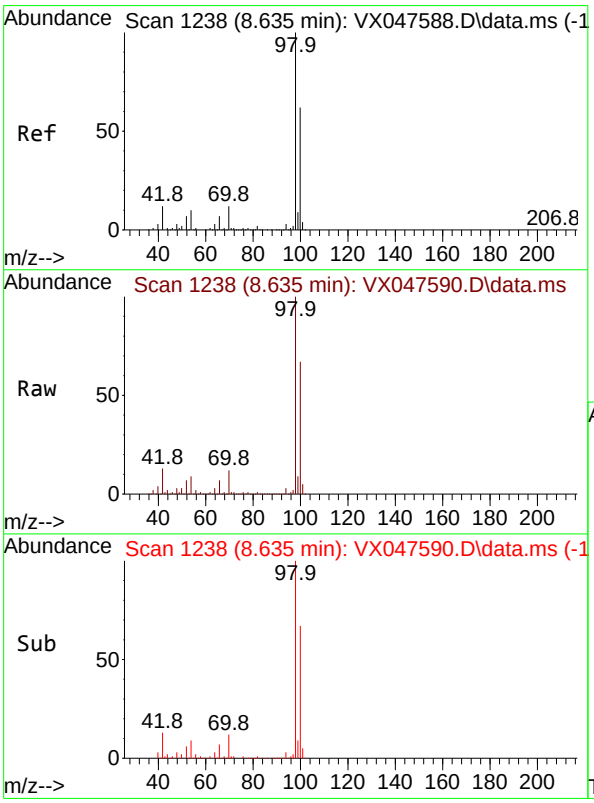
#49
1,4-Dioxane
Concen: 3475.565 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 82739

Ion	Ratio	Lower	Upper
88	100		
43	38.5	30.2	45.2
58	73.0	59.5	89.3

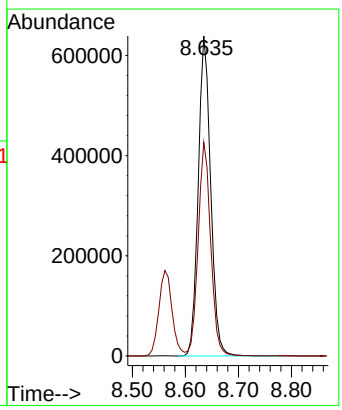


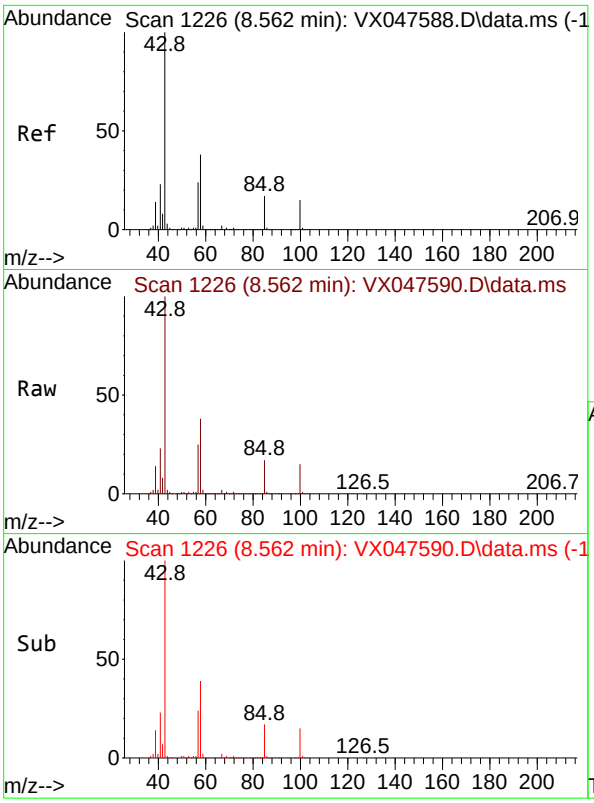


#50
Toluene-d8
Concen: 163.253 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 98 Resp: 1041079

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4



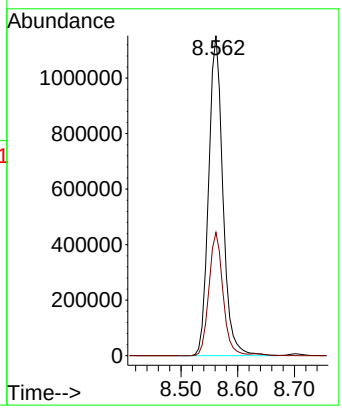


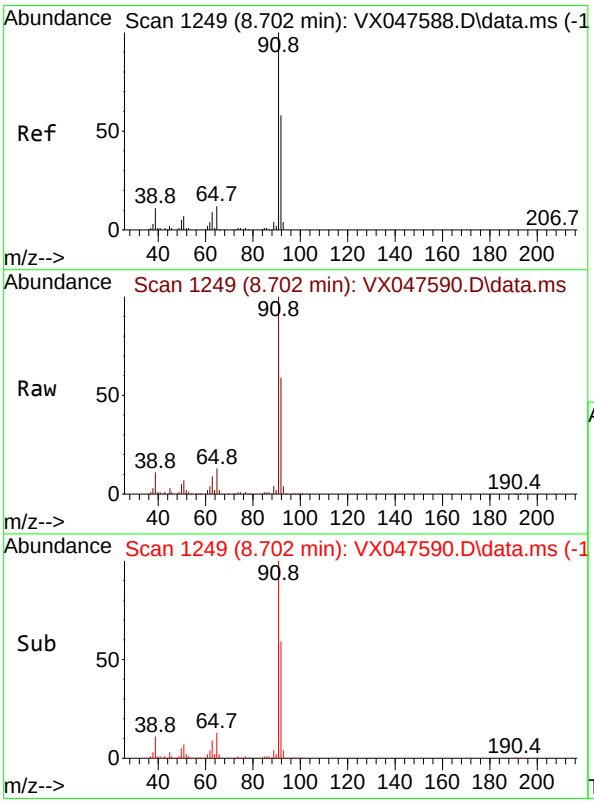
#51
4-Methyl-2-Pentanone
Concen: 765.849 ug/l
RT: 8.562 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2008063

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.3	45.5

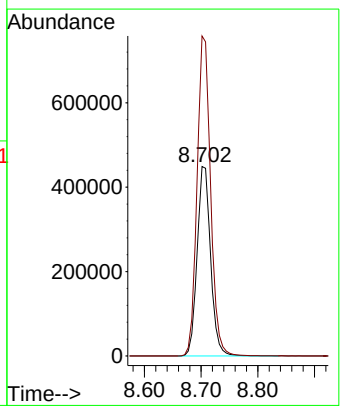


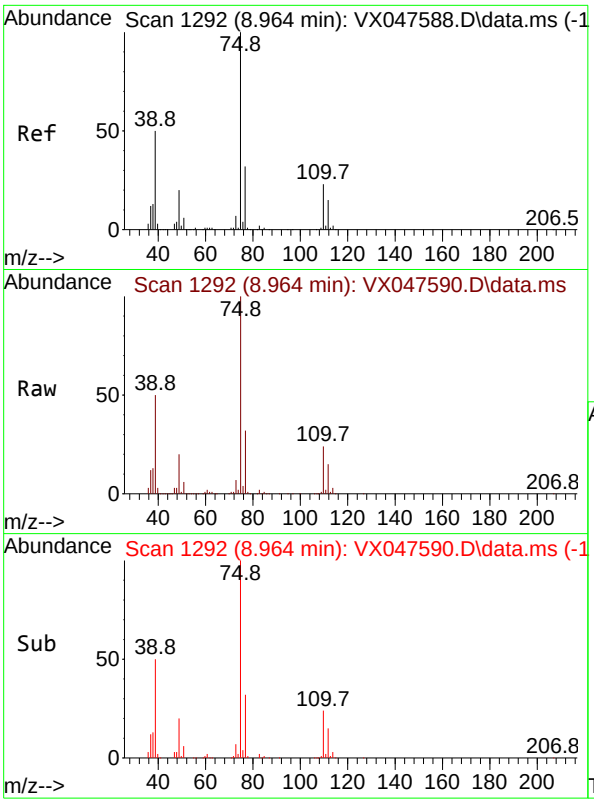


#52
Toluene
Concen: 146.712 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 92 Resp: 739332

Ion	Ratio	Lower	Upper
92	100		
91	169.5	137.1	205.7



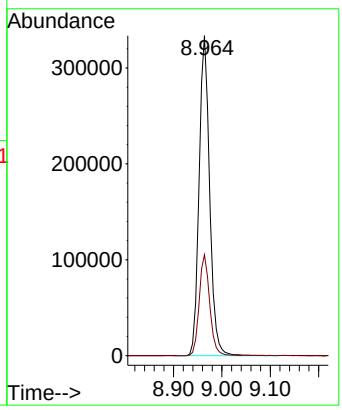


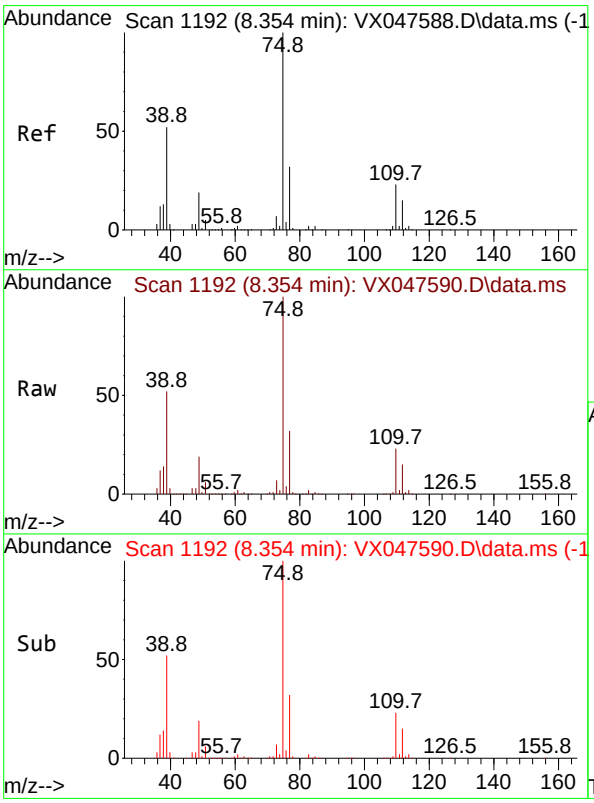
#53
t-1,3-Dichloropropene
Concen: 157.076 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 503912

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2

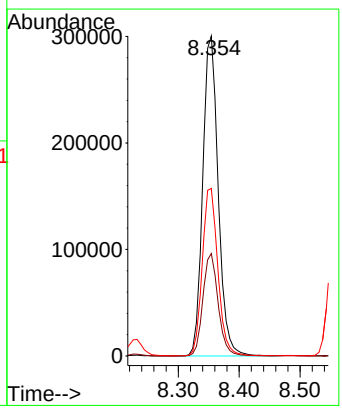


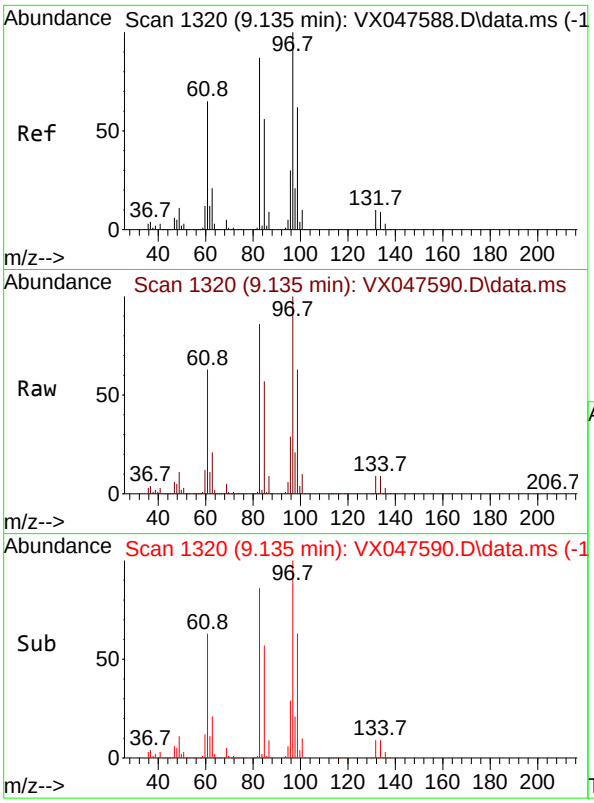


#54
cis-1,3-Dichloropropene
Concen: 154.732 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 530566

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
39	52.3	41.4	62.2



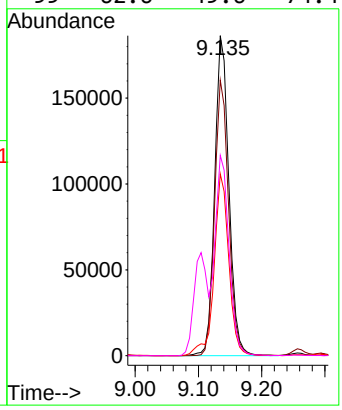


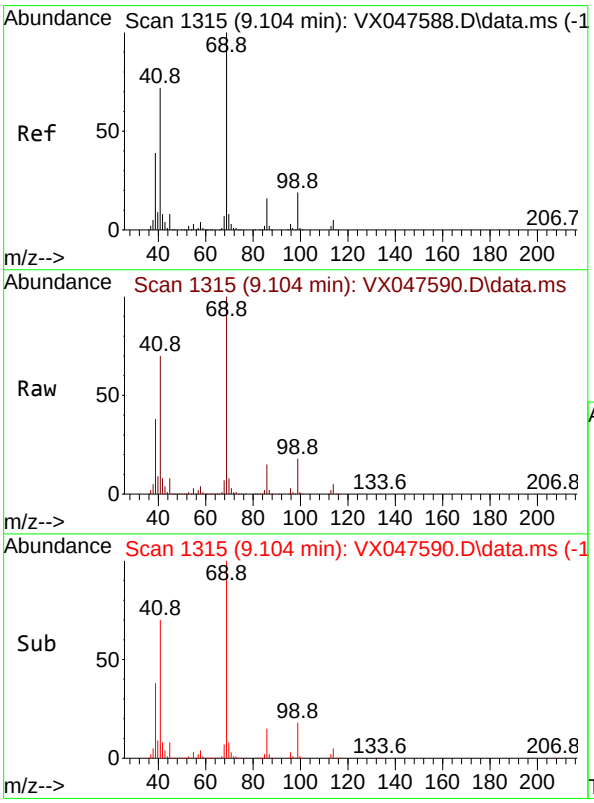
#55
1,1,2-Trichloroethane
Concen: 148.781 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 289103

Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.6	104.4
85	56.8	45.0	67.6
99	62.6	49.6	74.4

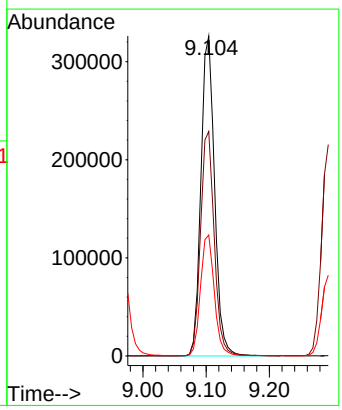


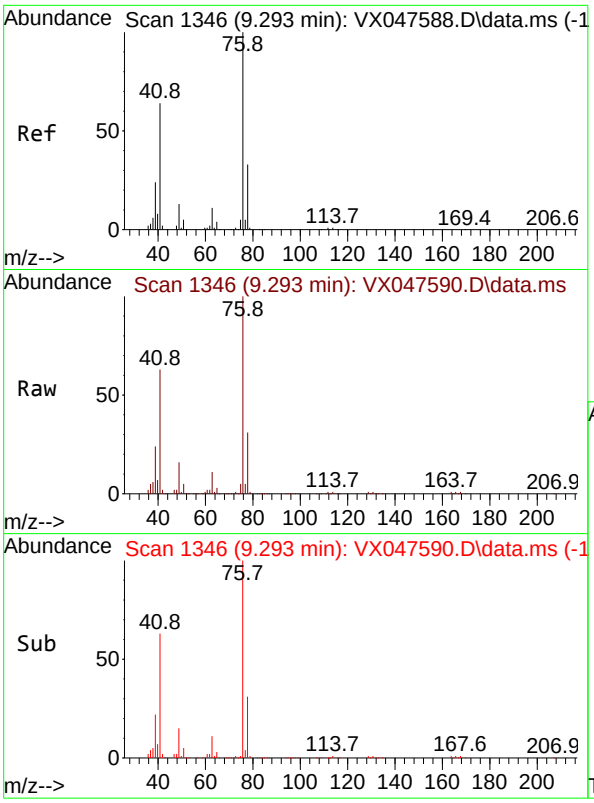


#56
Ethyl methacrylate
Concen: 160.773 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 69 Resp: 490623

Ion	Ratio	Lower	Upper
69	100		
41	70.5	58.6	87.8
39	38.2	31.5	47.3



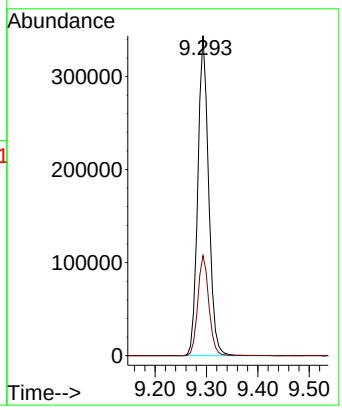


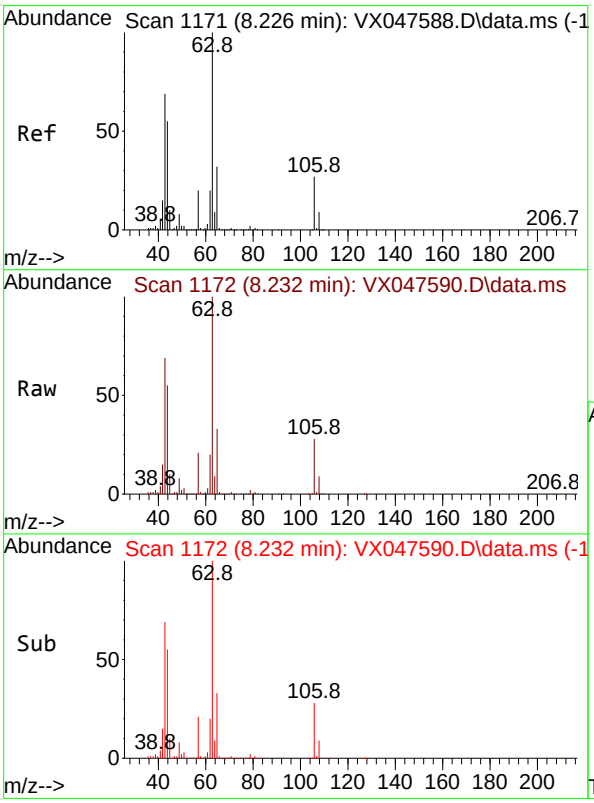
#57
1,3-Dichloropropane
Concen: 150.426 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 502121

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4

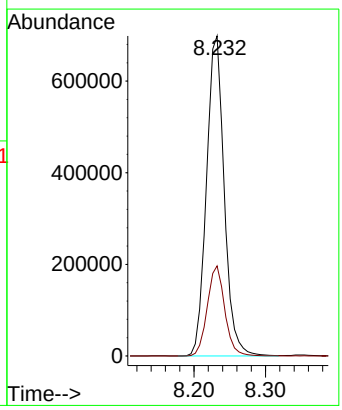


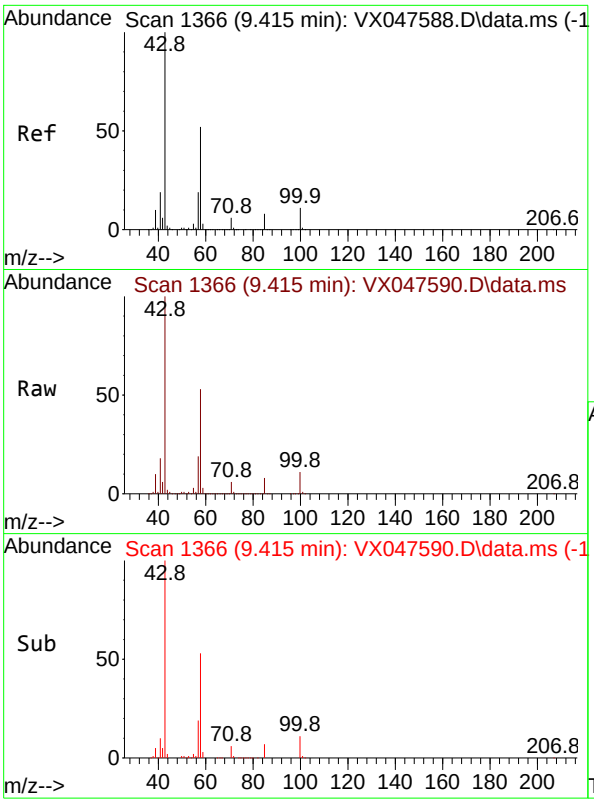


#58
2-Chloroethyl Vinyl ether
Concen: 749.661 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 1202206

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9



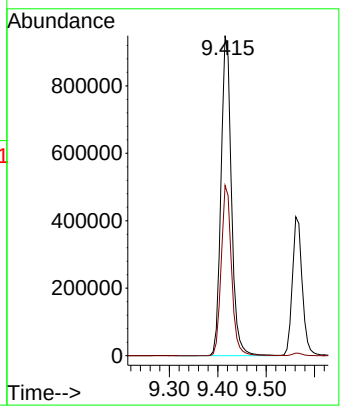


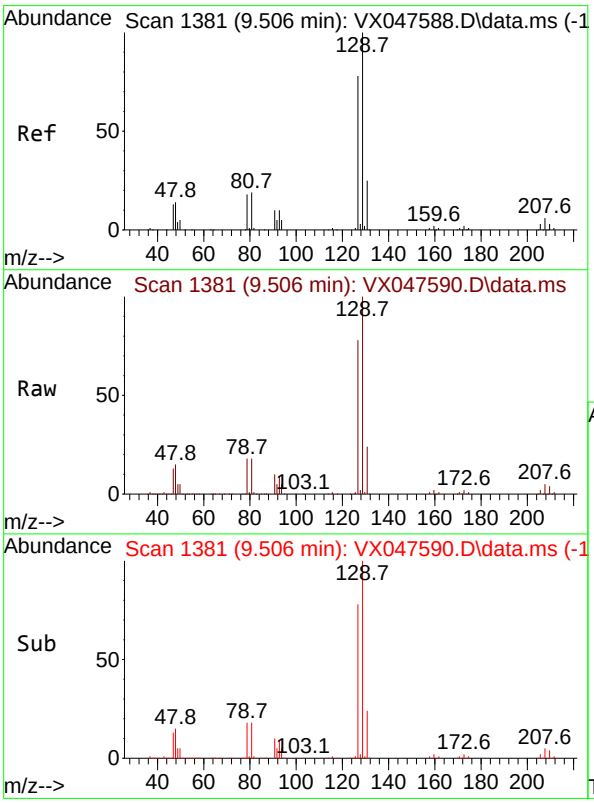
#59
2-Hexanone
Concen: 750.035 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1412417

Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.1	78.2

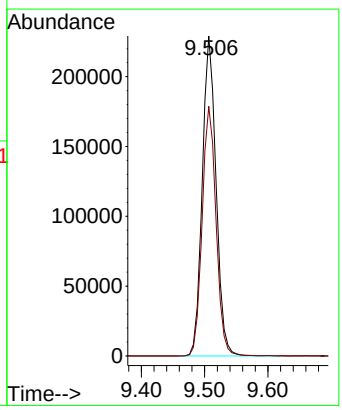


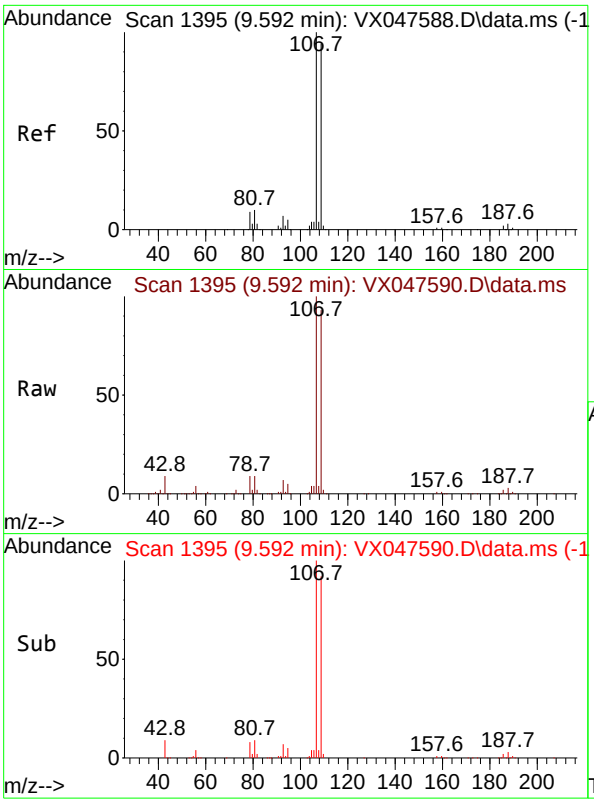


#60
Dibromochloromethane
Concen: 155.318 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:129 Resp: 347748

Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.4	115.2



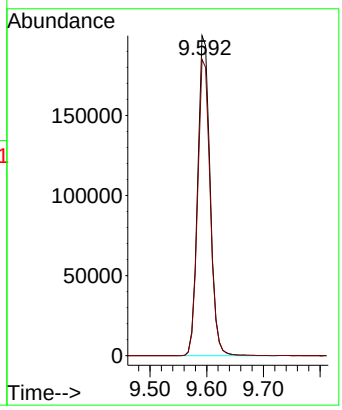


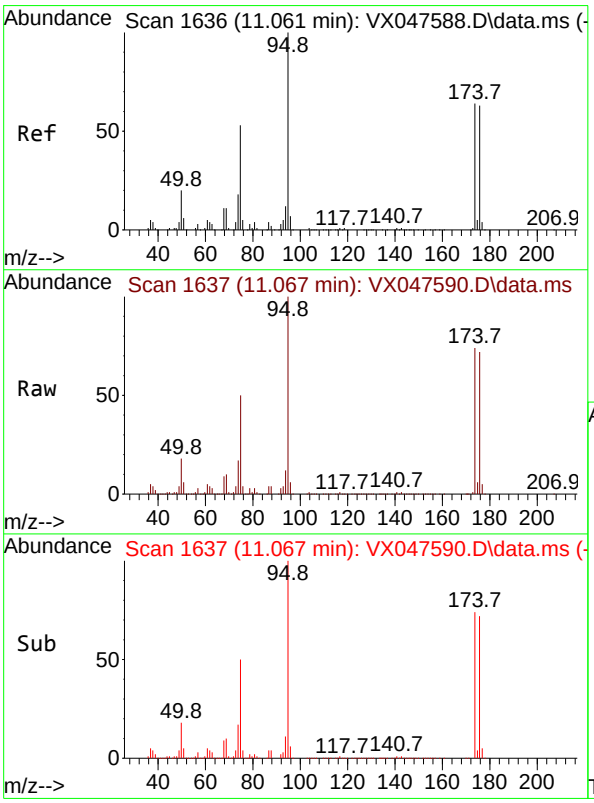
#61
1,2-Dibromoethane
Concen: 152.949 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 302715

Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.3	112.9

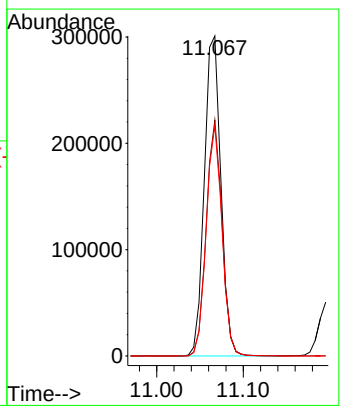


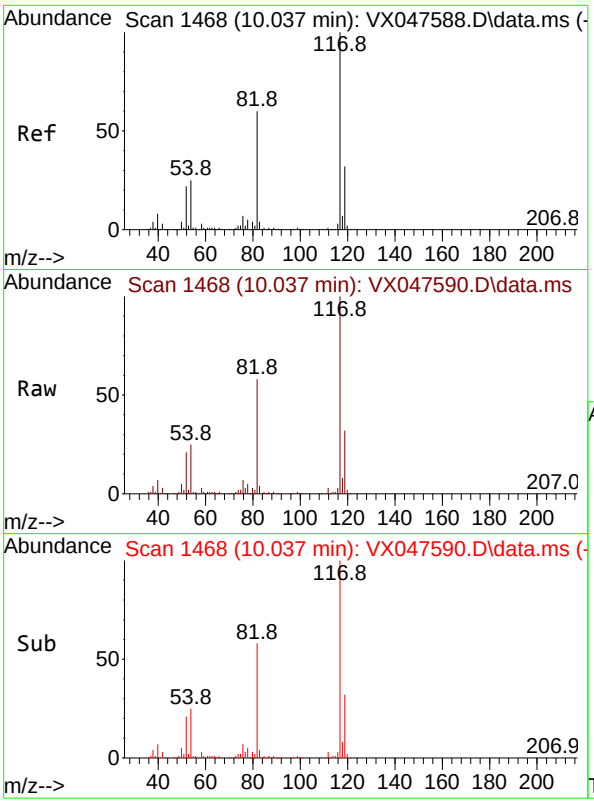


#62
4-Bromofluorobenzene
Concen: 165.020 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 95 Resp: 399386

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	141.6
176	68.5	0.0	138.4



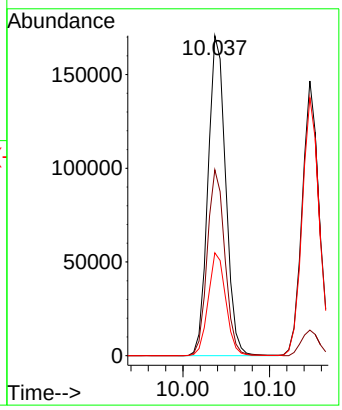


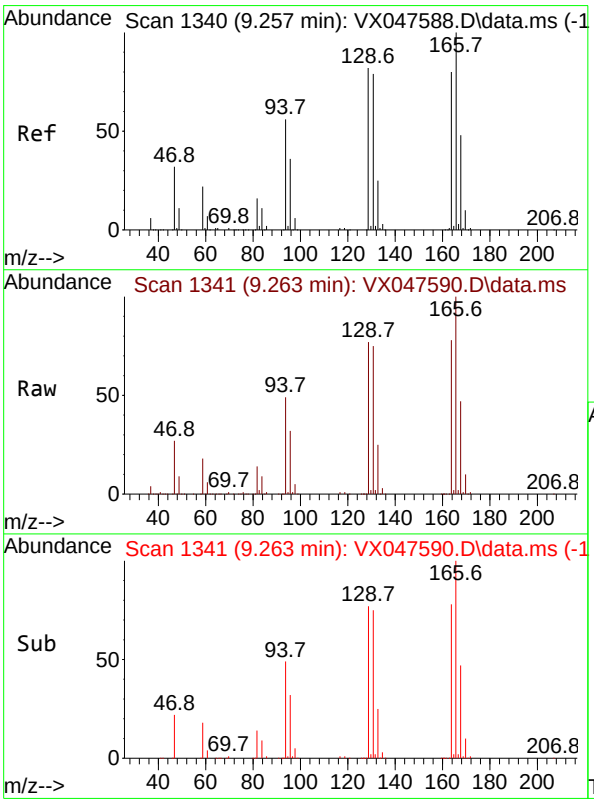
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 241818

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.8	71.6
119	32.2	25.2	37.8

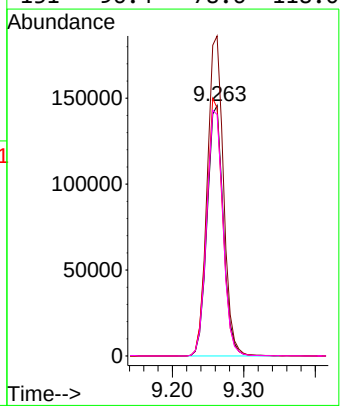


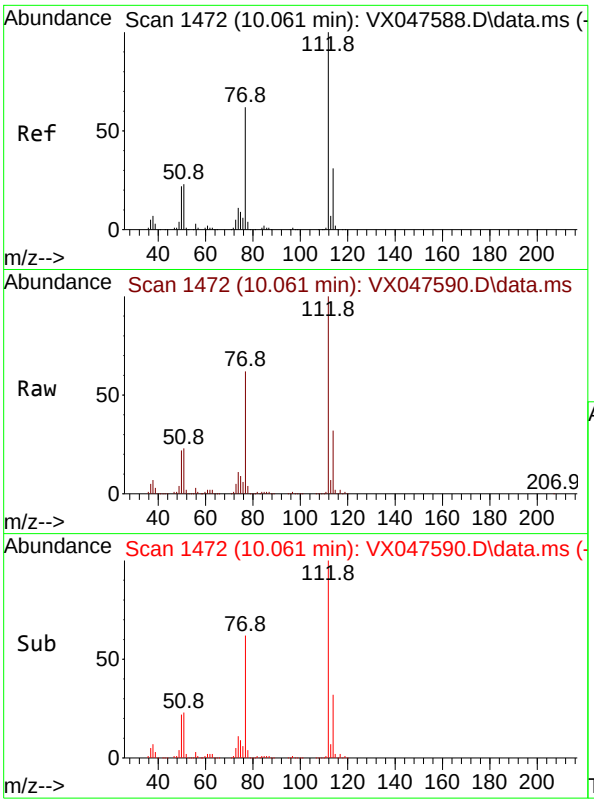


#64
Tetrachloroethene
Concen: 144.590 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:164 Resp: 227931

Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.2	150.2
129	99.0	81.8	122.6
131	96.4	78.6	118.0



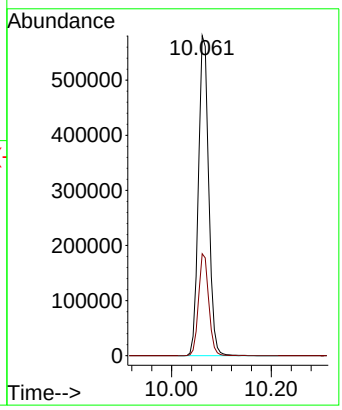


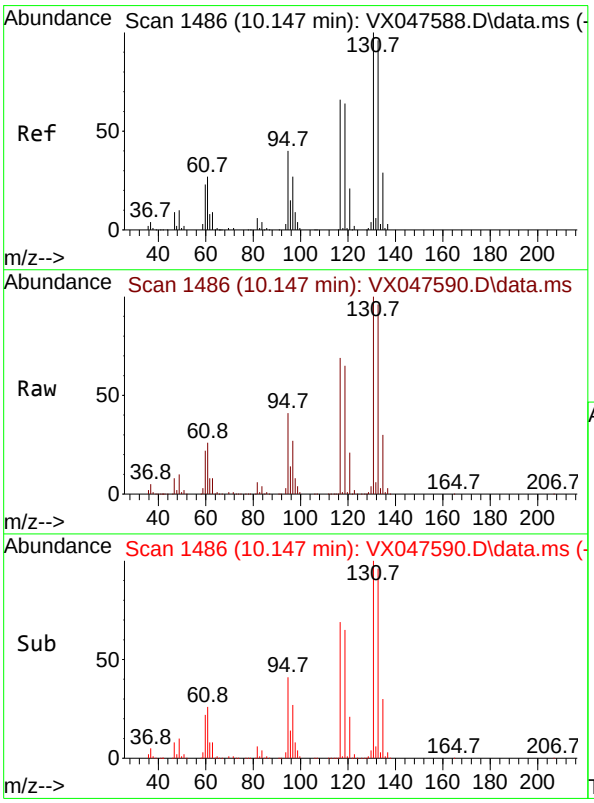
#65
Chlorobenzene
Concen: 150.763 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 828239

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.1	37.7

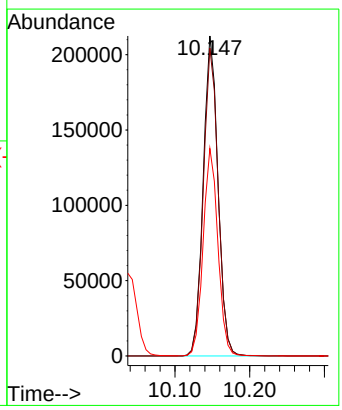


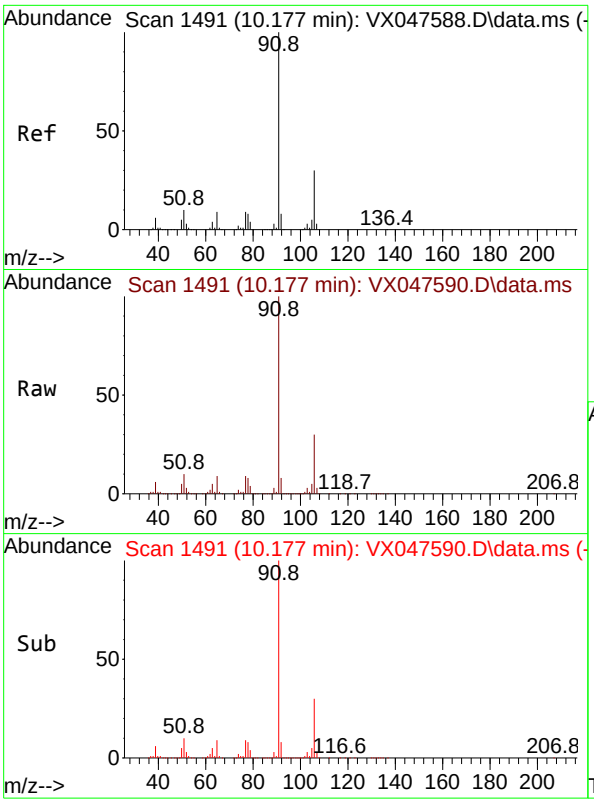


#66
1,1,1,2-Tetrachloroethane
Concen: 153.733 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:131 Resp: 291433

Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	142.0
119	64.8	32.0	96.0



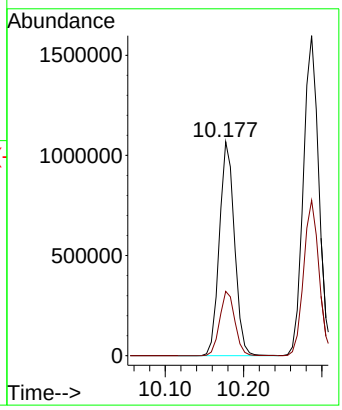


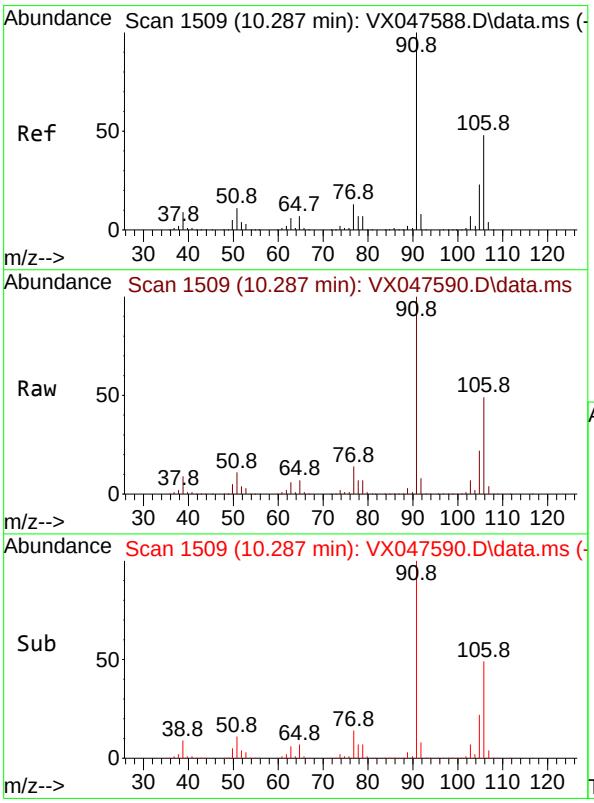
#67
Ethyl Benzene
Concen: 151.026 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1431554

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.3	36.5

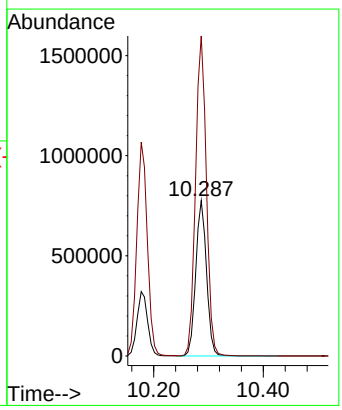


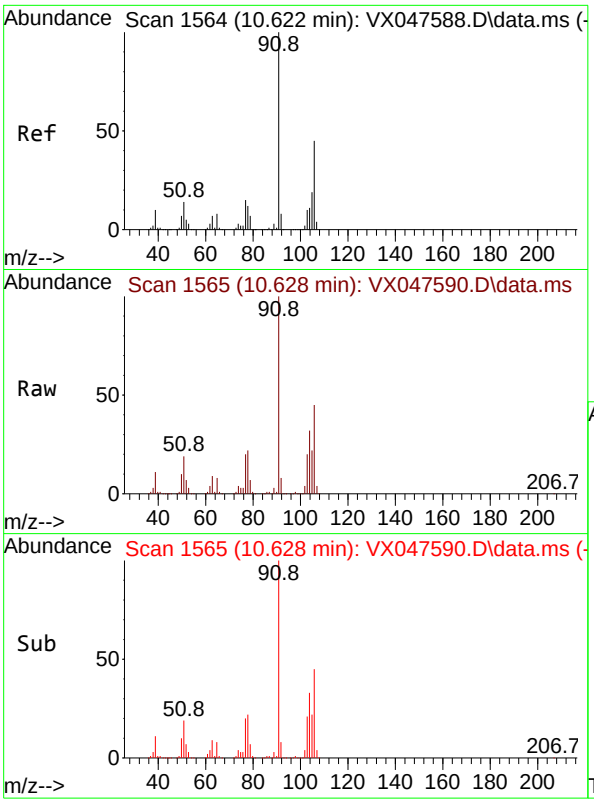


#68
m/p-Xylenes
Concen: 300.381 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:106 Resp: 1059776

Ion	Ratio	Lower	Upper
106	100		
91	208.0	167.8	251.8



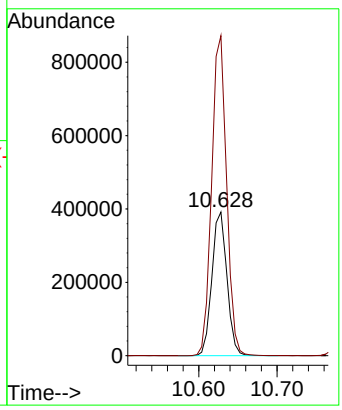


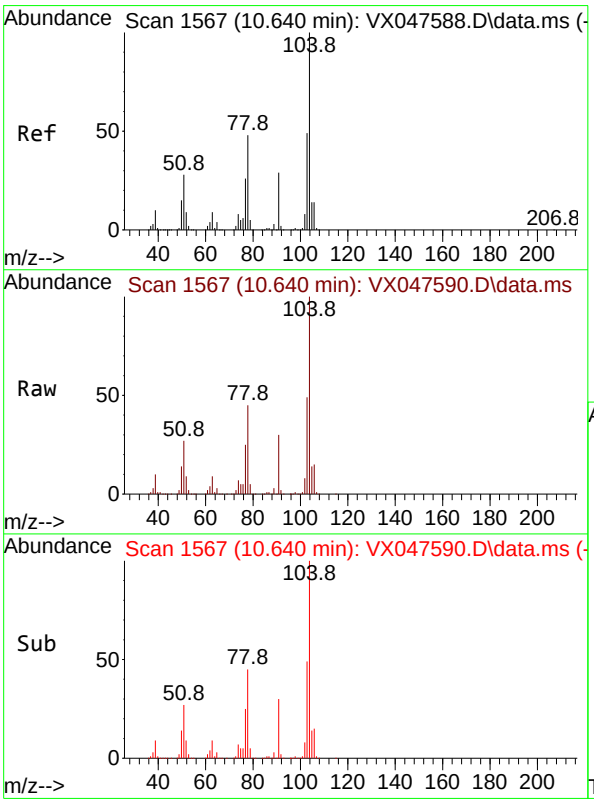
#69
o-Xylene
Concen: 152.920 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 521840

Ion	Ratio	Lower	Upper
106	100		
91	220.7	111.1	333.4

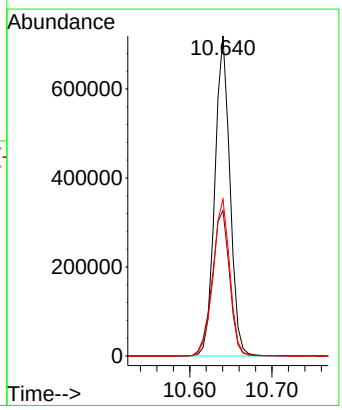


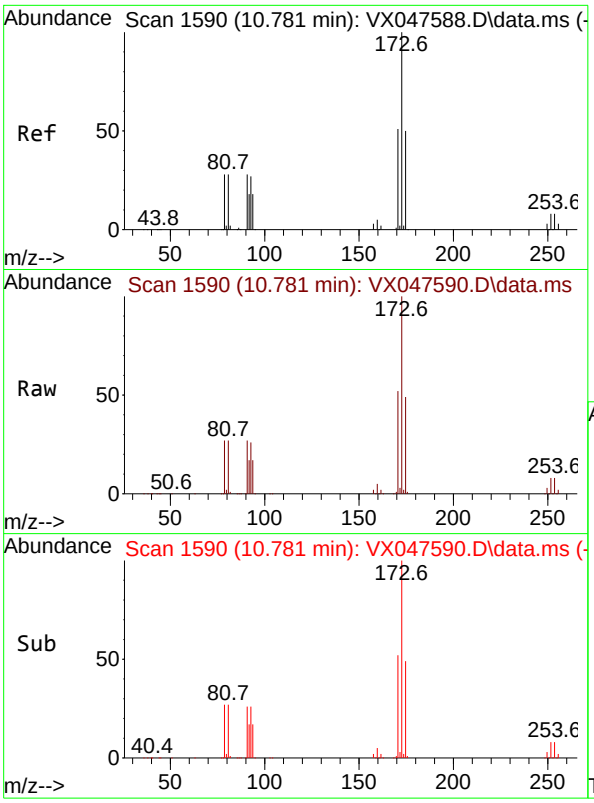


#70
Styrene
Concen: 153.449 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:104 Resp: 917532

Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.1	64.7
103	54.0	43.1	64.7



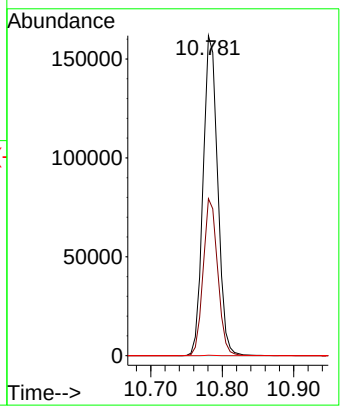


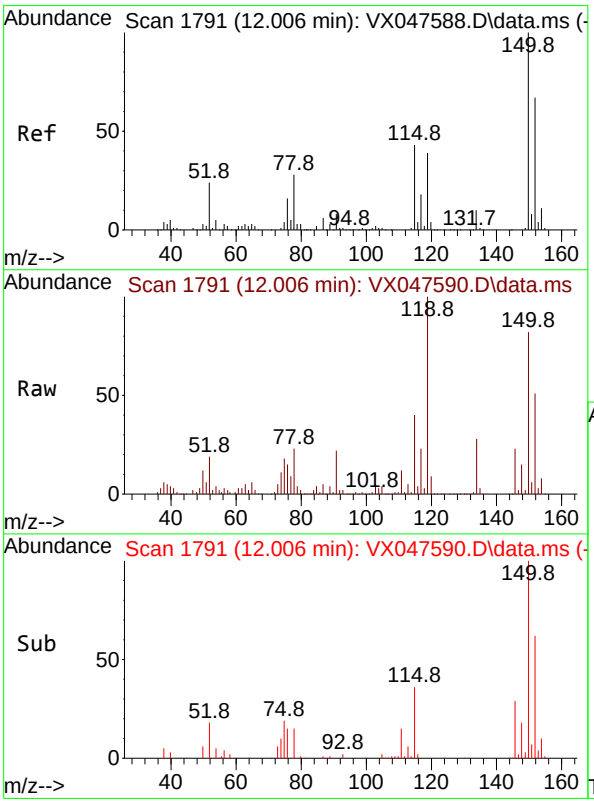
#71
Bromoform
Concen: 162.262 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 229683

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.1	0.1	0.1

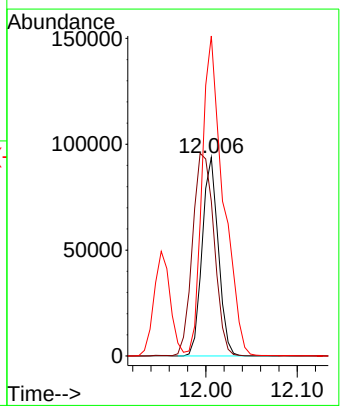


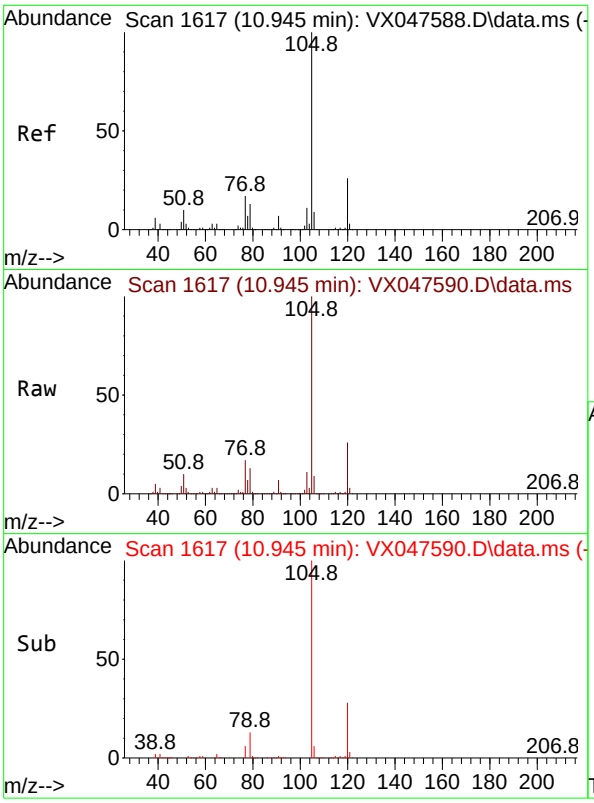


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:152 Resp: 114743

Ion	Ratio	Lower	Upper
152	100		
115	136.9	44.9	134.5#
150	212.9	0.0	352.0



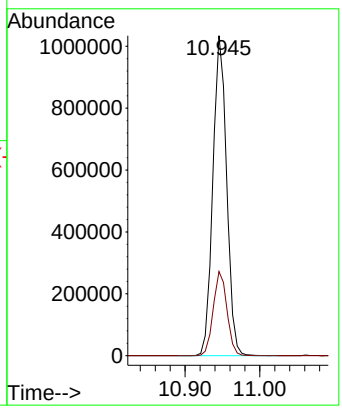


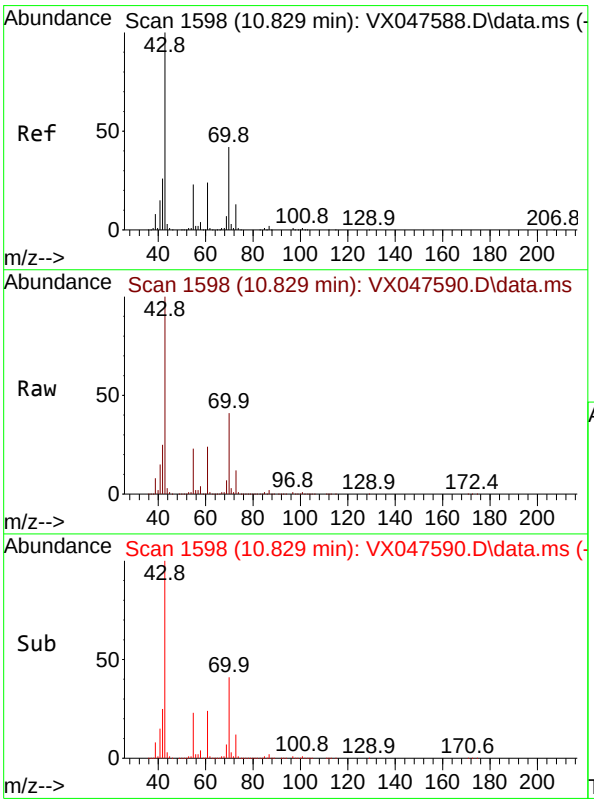
#73
Isopropylbenzene
Concen: 151.477 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1321409

Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.8	38.4

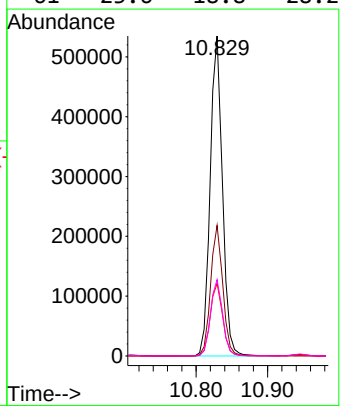


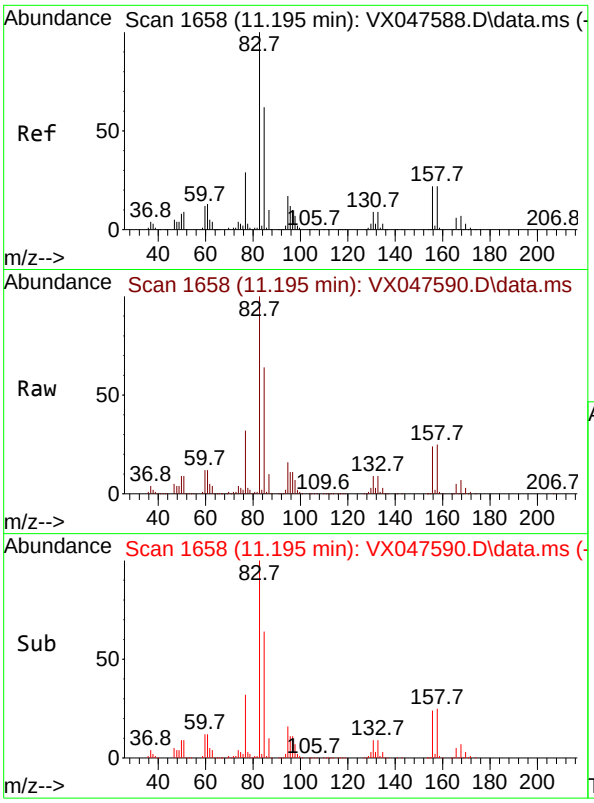


#74
N-amyl acetate
Concen: 160.099 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 636879

Ion	Ratio	Lower	Upper
43	100		
70	40.4	32.0	48.0
55	22.9	18.9	28.3
61	23.6	18.8	28.2



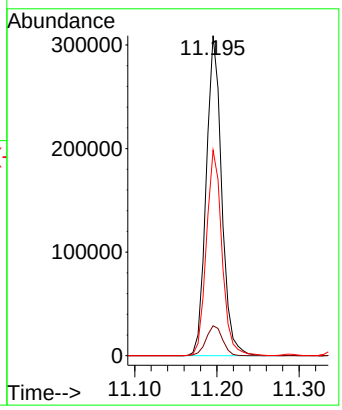


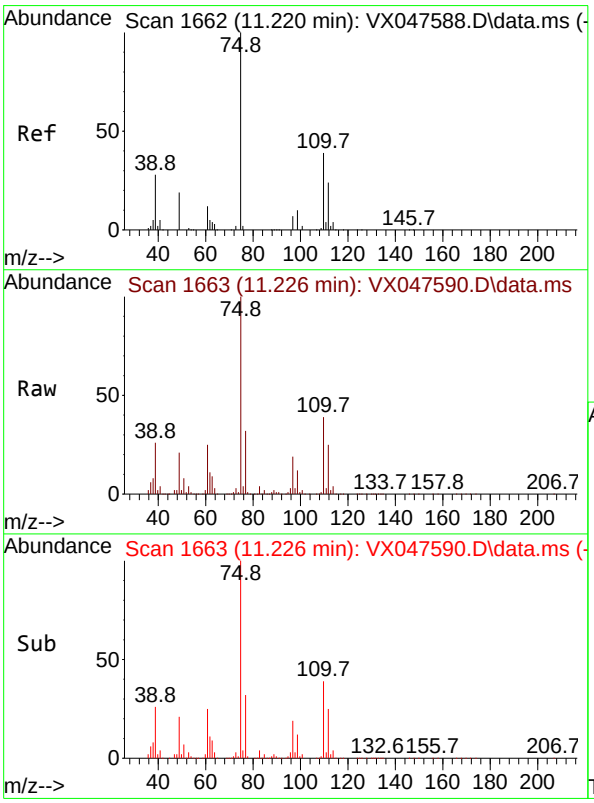
#75
1,1,2,2-Tetrachloroethane
Concen: 153.035 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 403906

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.6	31.6	95.0

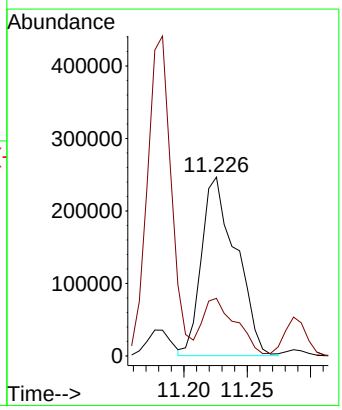


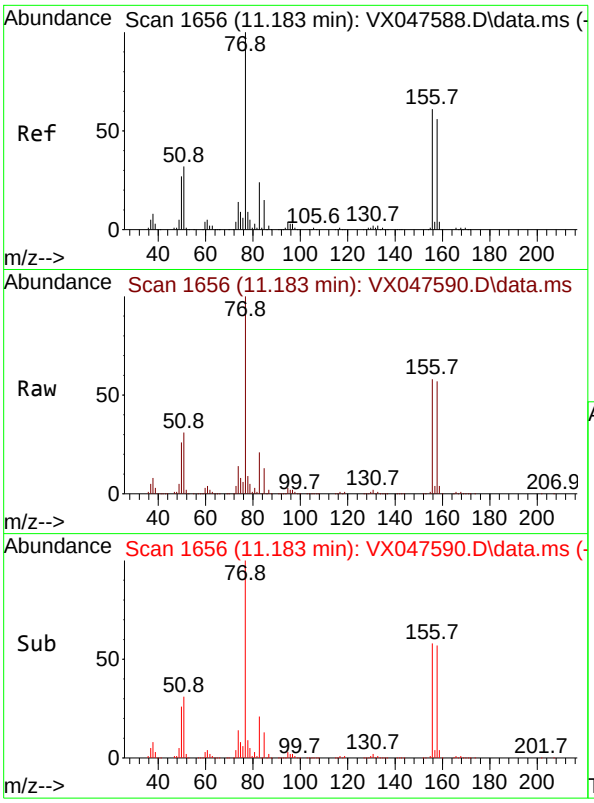


#76
1,2,3-Trichloropropane
Concen: 202.576 ug/l
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 470623

Ion	Ratio	Lower	Upper
75	100		
77	30.8	18.8	56.4



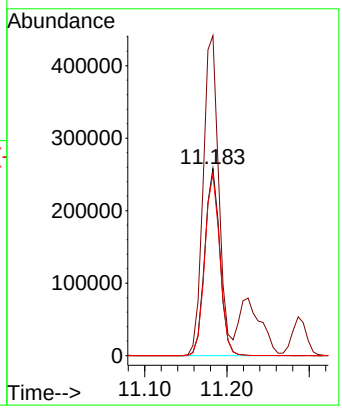


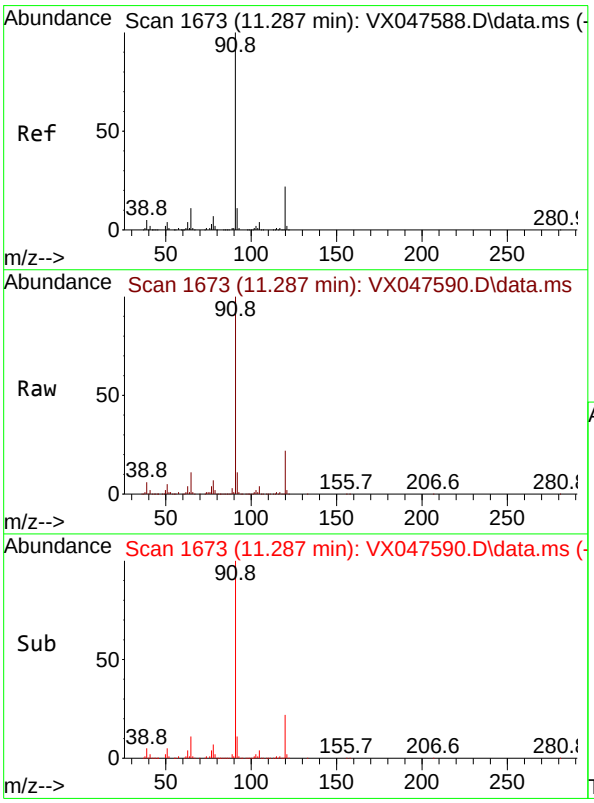
#77
Bromobenzene
Concen: 152.818 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 328336

Ion	Ratio	Lower	Upper
156	100		
77	178.2	89.7	269.1
158	97.5	47.9	143.6

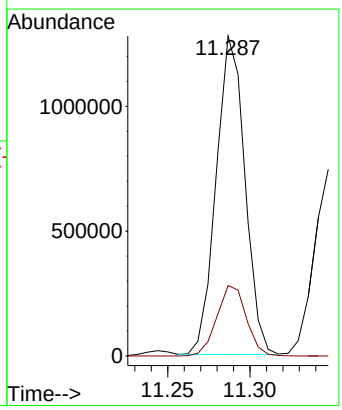


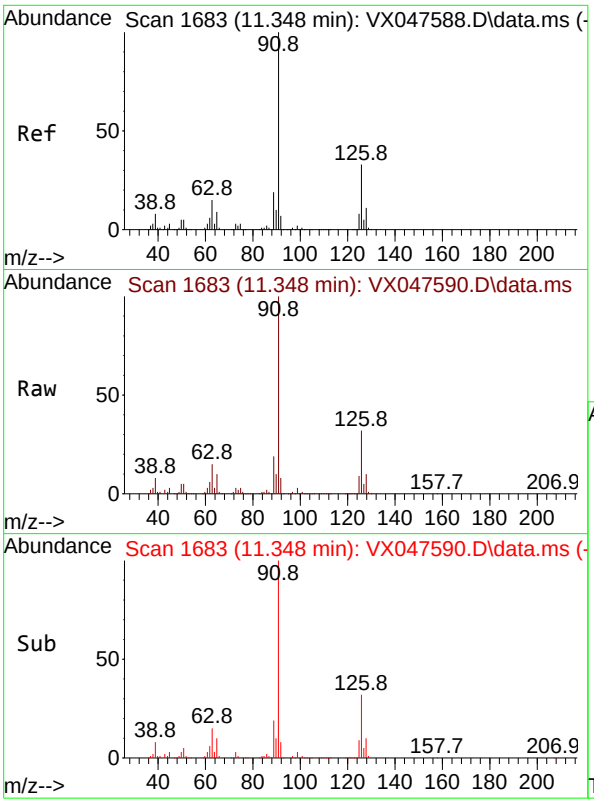


#78
n-propylbenzene
Concen: 150.337 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1550316

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1



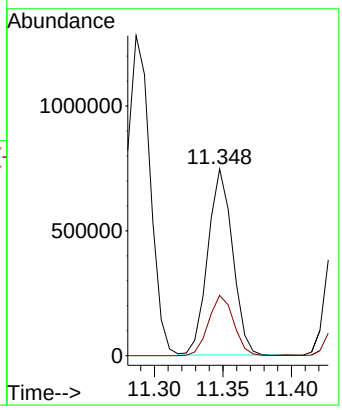


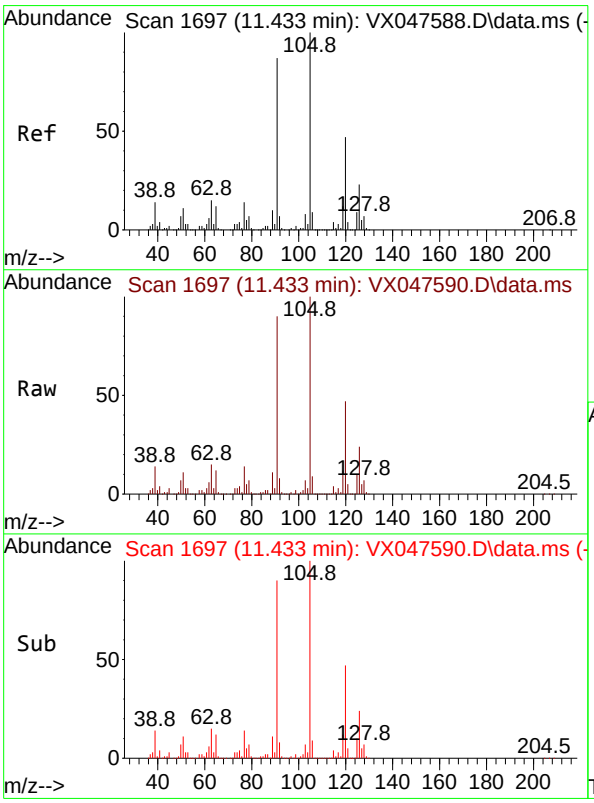
#79
2-Chlorotoluene
Concen: 148.781 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 939707

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

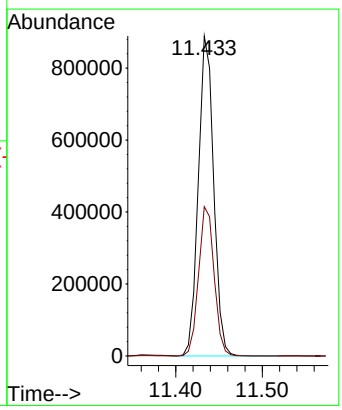


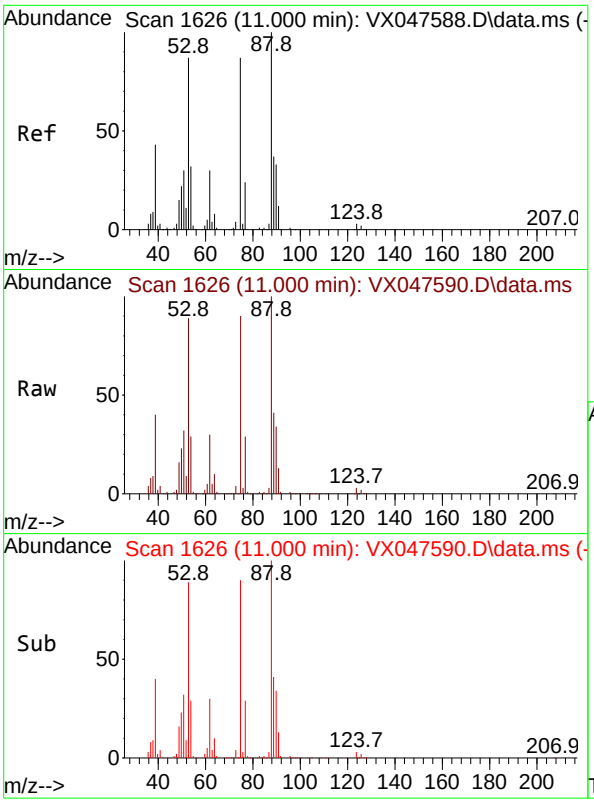


#80
1,3,5-Trimethylbenzene
Concen: 152.306 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1091593

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8



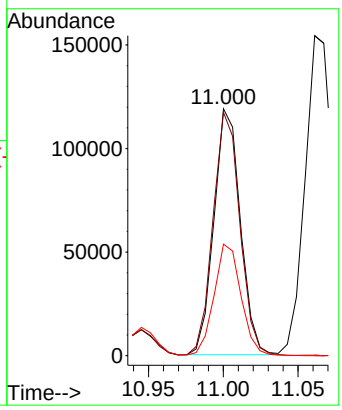


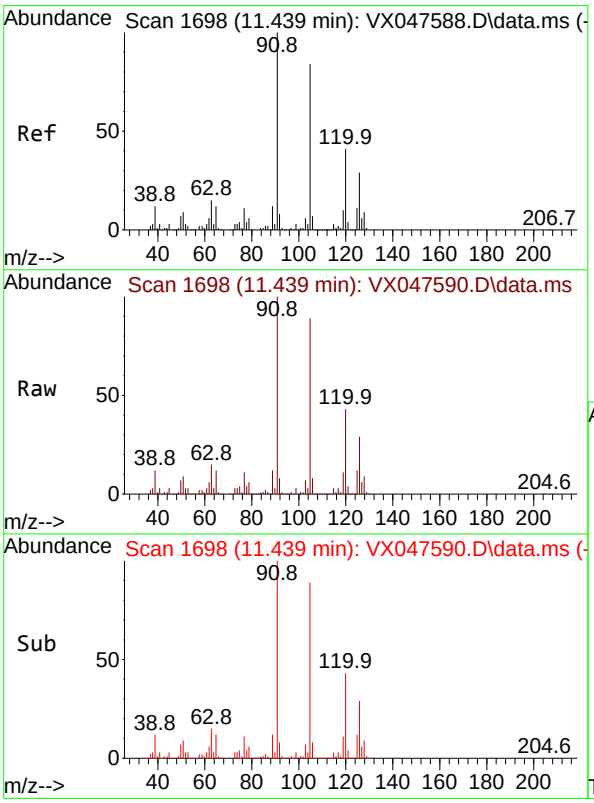
#81
trans-1,4-Dichloro-2-butene
Concen: 160.176 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 145921

Ion	Ratio	Lower	Upper
75	100		
53	100.8	83.4	125.2
89	46.3	36.3	54.5

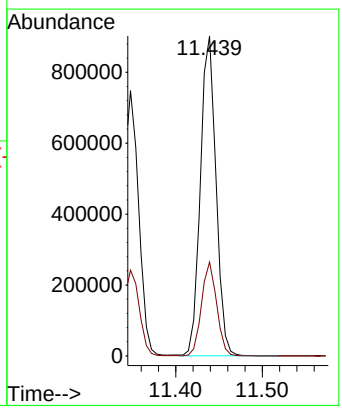


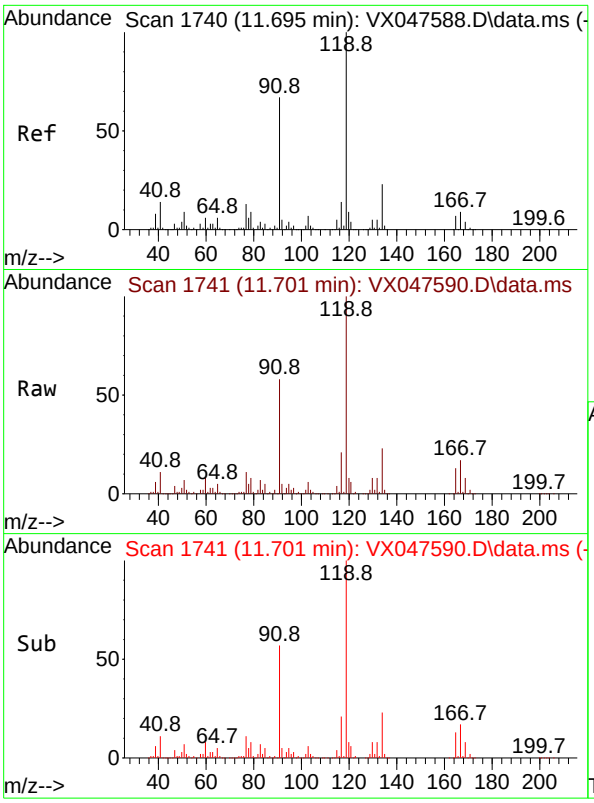


#82
4-Chlorotoluene
Concen: 151.112 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1127233

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6



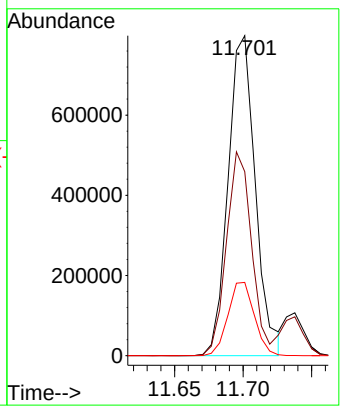


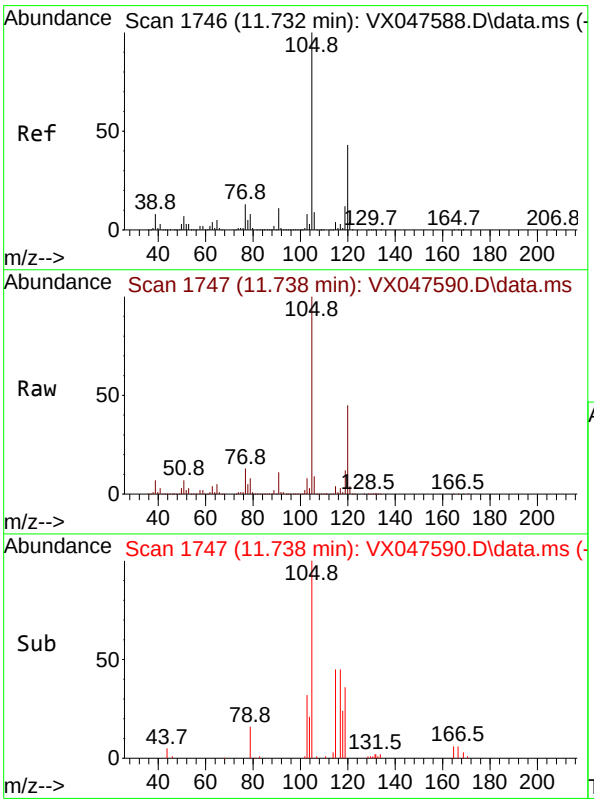
#83
tert-Butylbenzene
Concen: 150.819 ug/l
RT: 11.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 1106532

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0

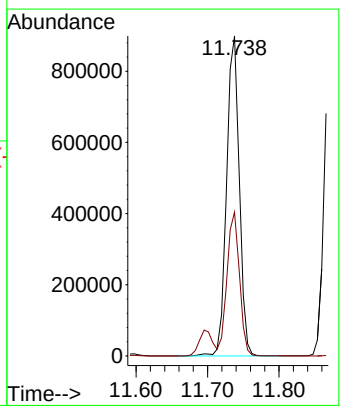


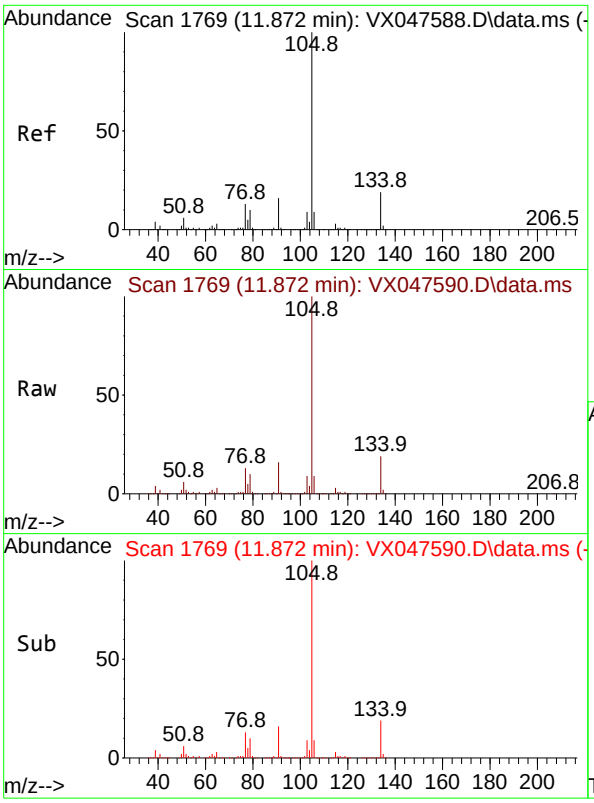


#84
1,2,4-Trimethylbenzene
Concen: 152.336 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1106914

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.1



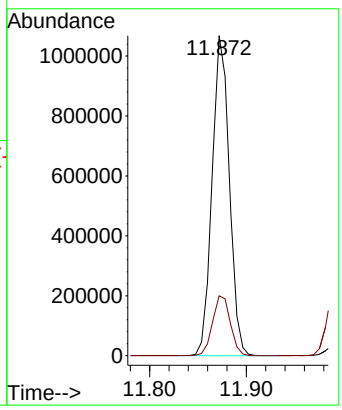


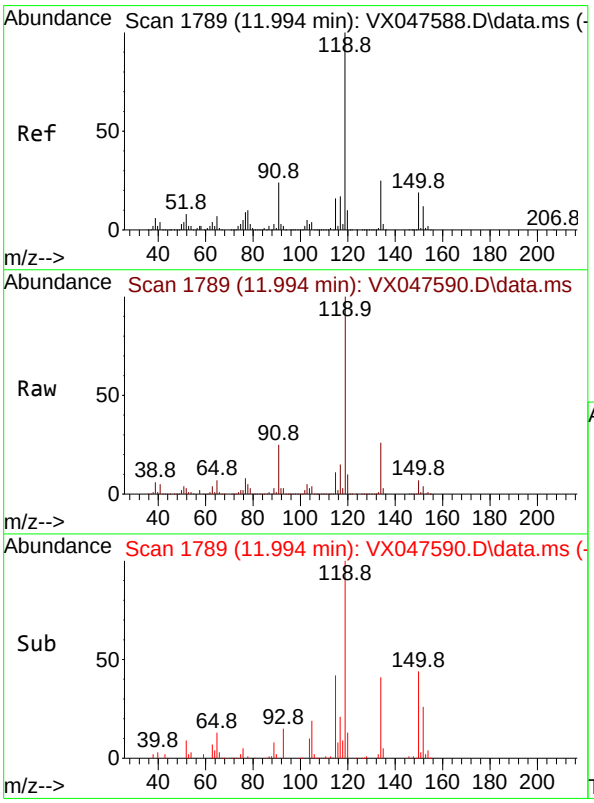
#85
sec-Butylbenzene
Concen: 151.448 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1319819

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

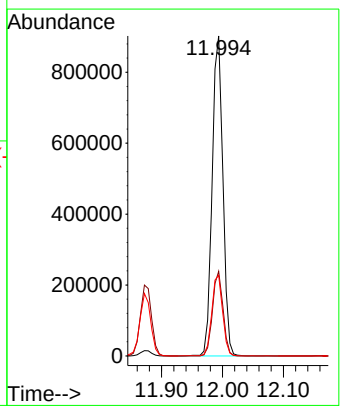


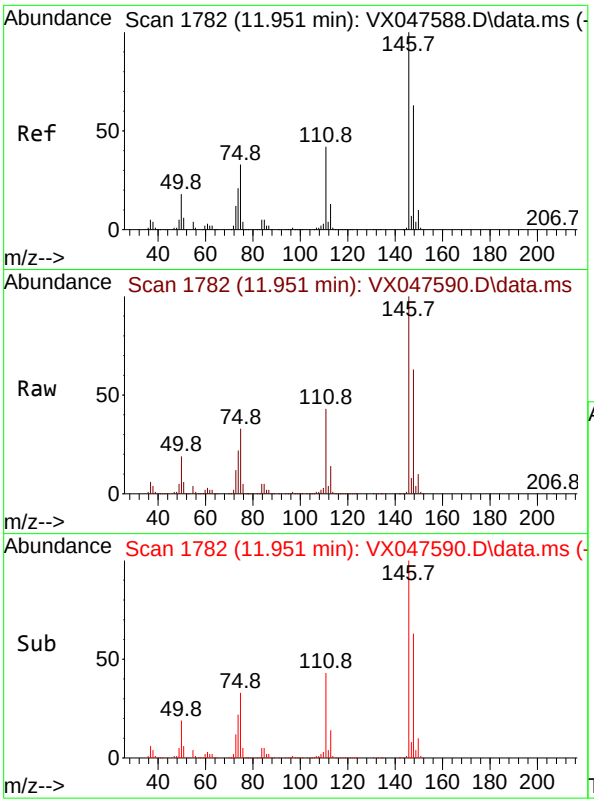


#86
p-Isopropyltoluene
Concen: 149.530 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:119 Resp: 1103210

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.3	12.6	37.6



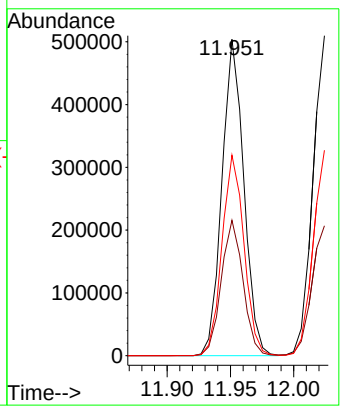


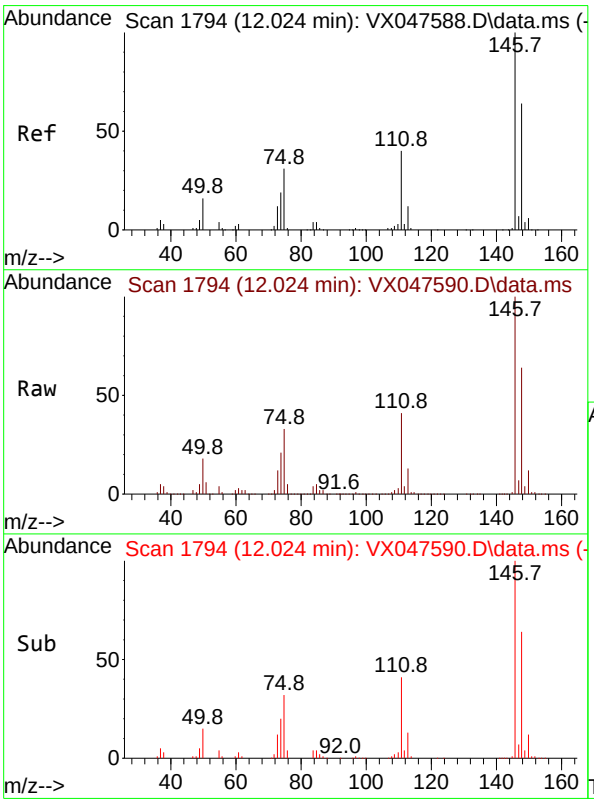
#87
1,3-Dichlorobenzene
Concen: 151.633 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 605123

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.8	32.0	96.0

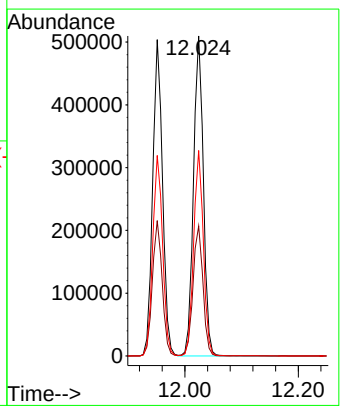


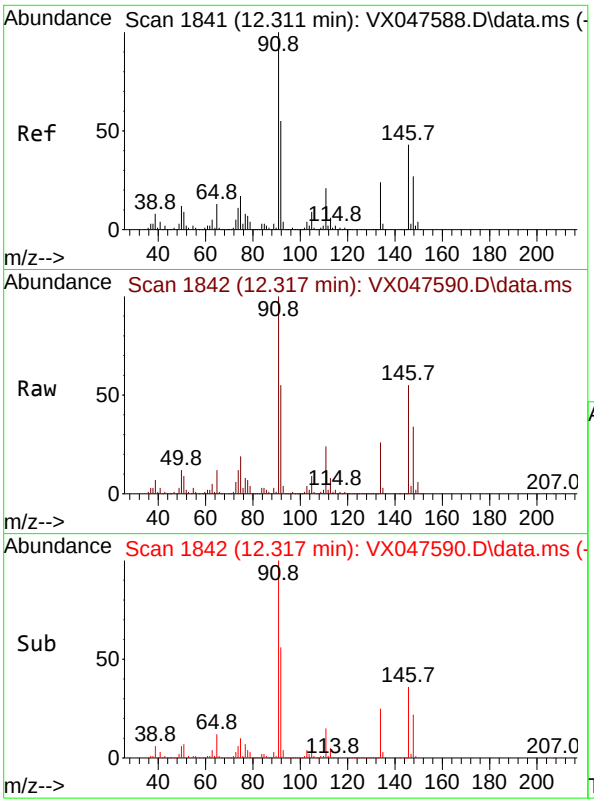


#88
1,4-Dichlorobenzene
Concen: 149.814 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 613617

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	63.2	31.7	95.1



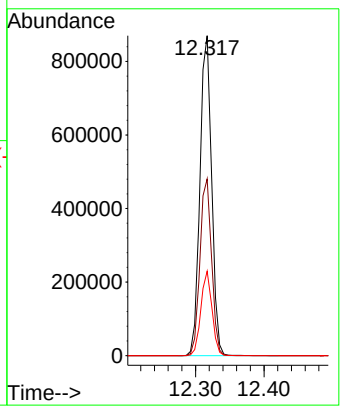


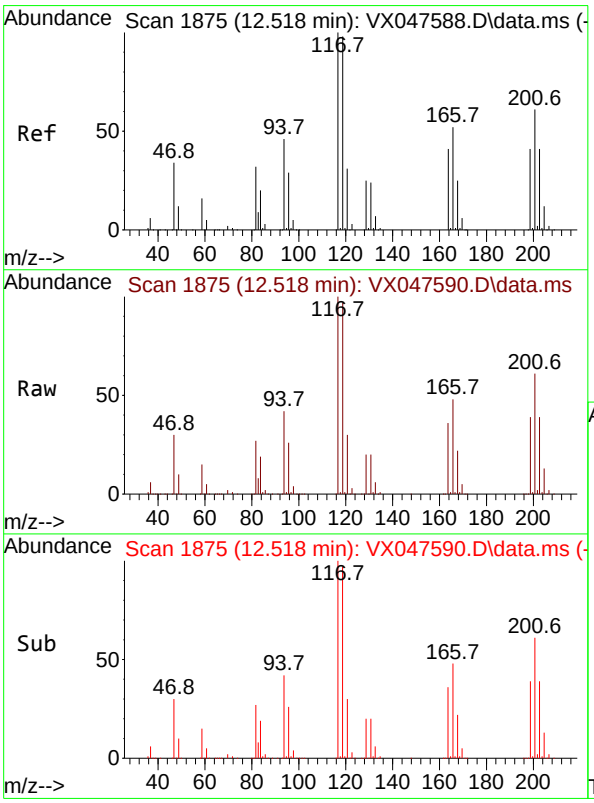
#89
n-Butylbenzene
Concen: 151.222 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1032357

Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.2	12.6	37.8

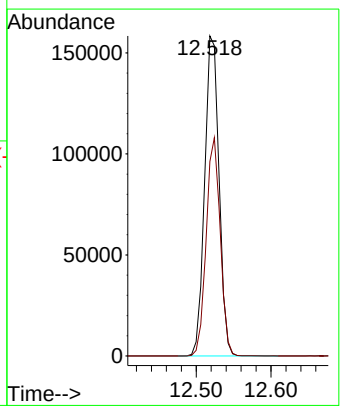


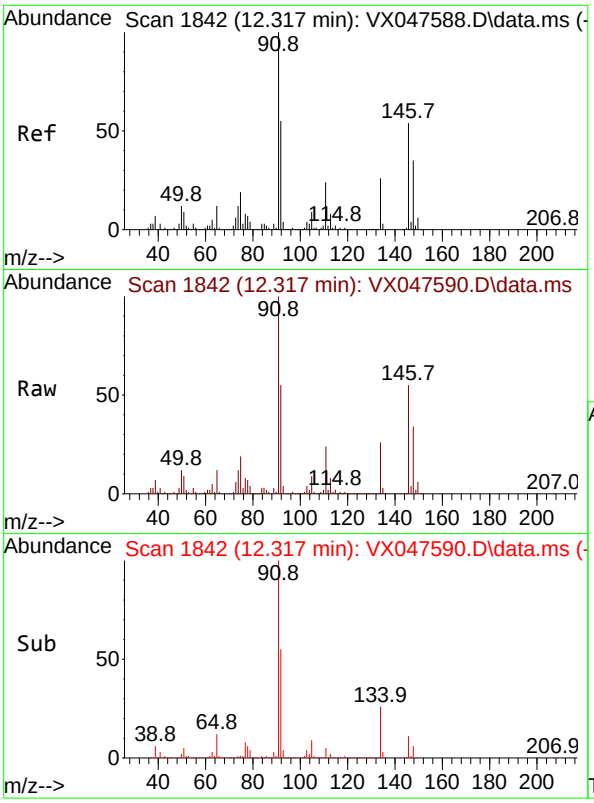


#90
Hexachloroethane
Concen: 163.258 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 211472

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5



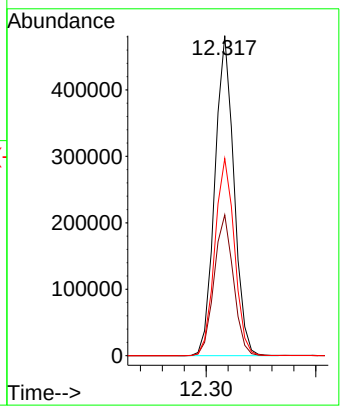


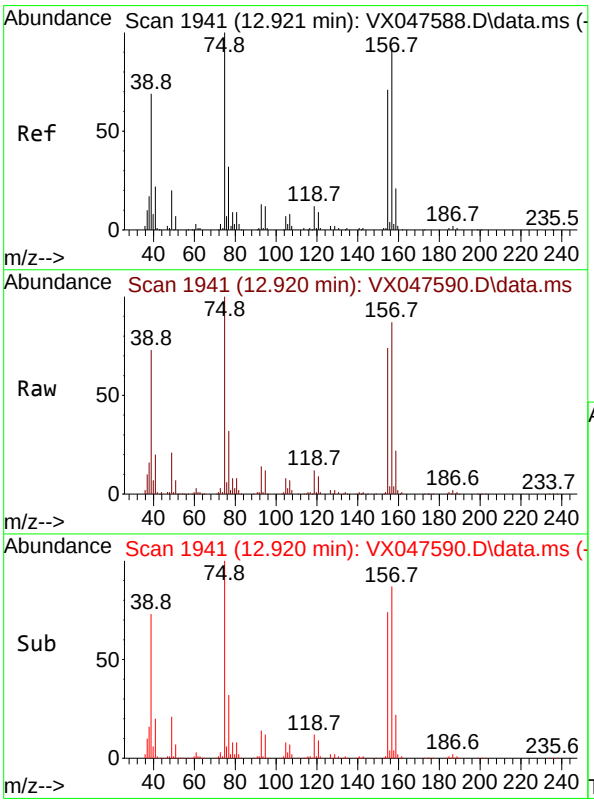
#91
1,2-Dichlorobenzene
Concen: 153.227 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 582565

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.2	66.6
148	63.5	31.8	95.4

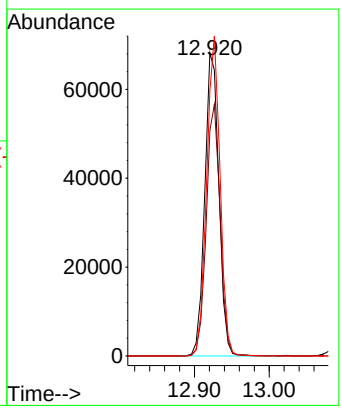


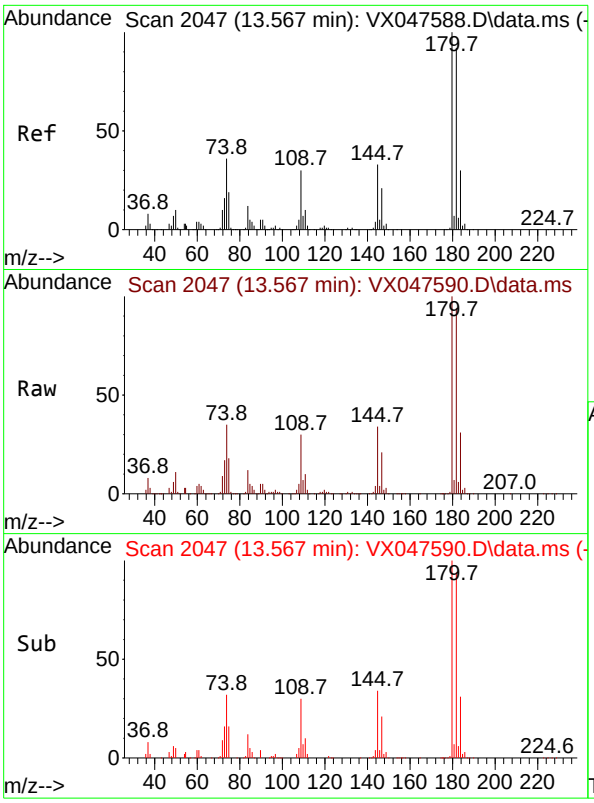


#92
1,2-Dibromo-3-Chloropropane
Concen: 167.332 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 89415

Ion	Ratio	Lower	Upper
75	100		
155	81.3	37.7	113.1
157	100.6	49.8	149.4



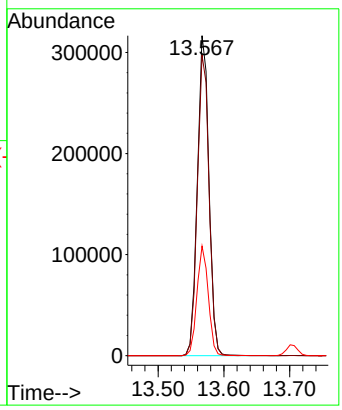


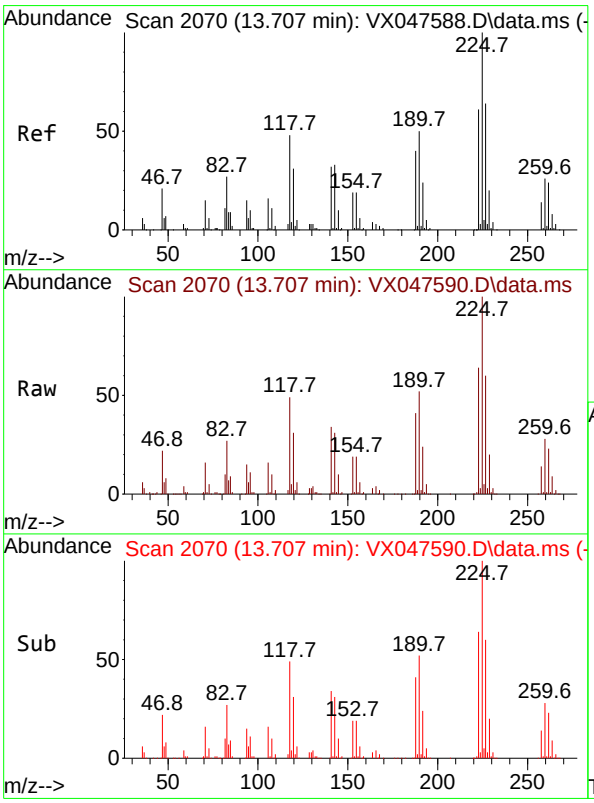
#93
1,2,4-Trichlorobenzene
Concen: 156.884 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 387652

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.6	139.8
145	33.5	16.4	49.1

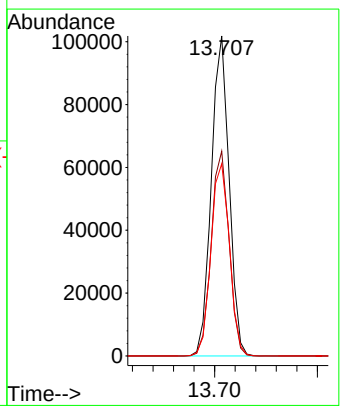


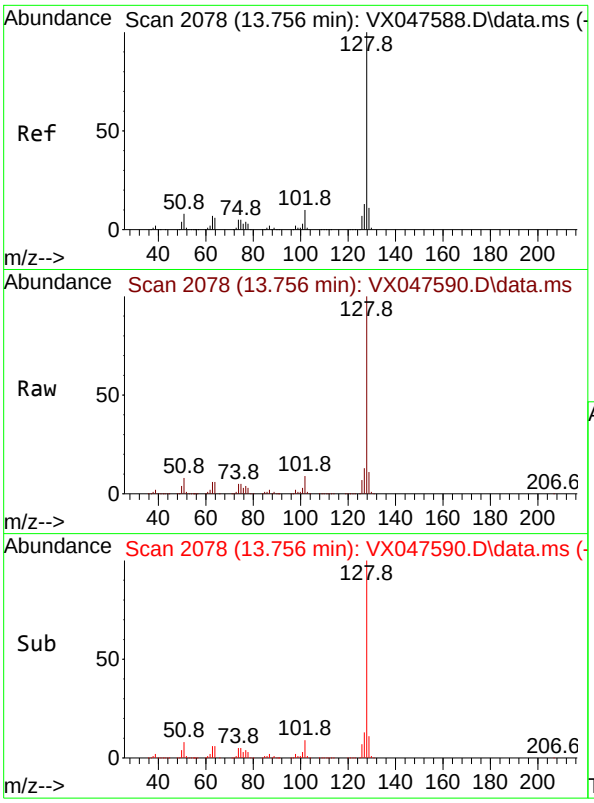


#94
Hexachlorobutadiene
Concen: 145.110 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:225 Resp: 121791

Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.7	95.1
227	62.8	32.0	96.0



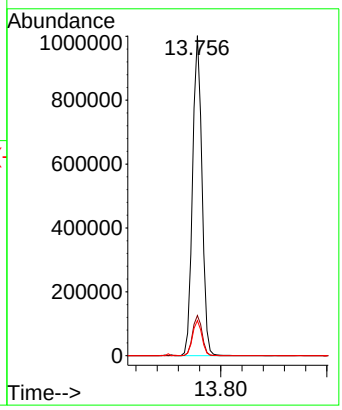


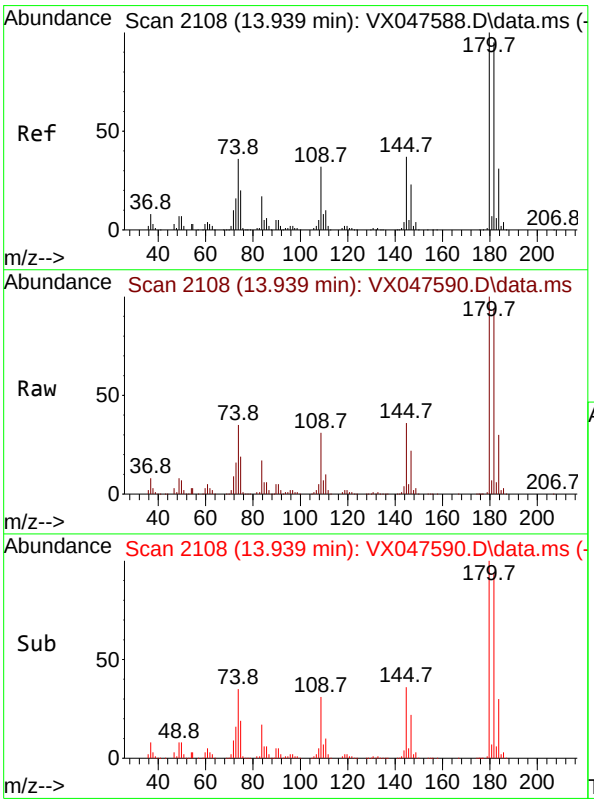
#95
Naphthalene
Concen: 163.388 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 1229363

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2

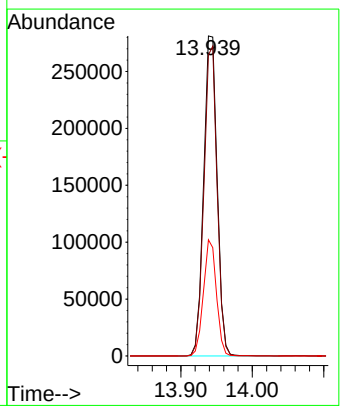




#96
1,2,3-Trichlorobenzene
Concen: 160.704 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:180 Resp: 369382

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	34.9	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 22 02:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	186484	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	331837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	135209	45.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.100%			
35) Dibromofluoromethane	5.367	113	101390	45.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.120%			
50) Toluene-d8	8.634	98	357393	46.411	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.820%			
62) 4-Bromofluorobenzene	11.061	95	135957	46.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	86110	44.592	ug/l	94
3) Chloromethane	1.300	50	110935	43.710	ug/l	99
4) Vinyl Chloride	1.380	62	113742	45.783	ug/l	99
5) Bromomethane	1.617	94	76388	48.489	ug/l	99
6) Chloroethane	1.697	64	77337	46.575	ug/l	99
7) Trichlorofluoromethane	1.892	101	173647	47.074	ug/l	98
8) Diethyl Ether	2.136	74	70459	46.693	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	104663	48.524	ug/l	99
10) Methyl Iodide	2.453	142	155450	46.210	ug/l	99
11) Tert butyl alcohol	2.940	59	84722	256.271	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104302	47.076	ug/l	98
13) Acrolein	2.233	56	77645	254.867	ug/l	99
14) Allyl chloride	2.666	41	213704	46.742	ug/l	99
15) Acrylonitrile	3.056	53	310505	253.567	ug/l	99
16) Acetone	2.373	43	316217	245.006	ug/l	97
17) Carbon Disulfide	2.514	76	272741	44.966	ug/l	97
18) Methyl Acetate	2.697	43	158480	55.175	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	392574	48.538	ug/l	100
20) Methylene Chloride	2.788	84	125669	46.000	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	111418	46.709	ug/l	99
22) Diisopropyl ether	3.745	45	426854	48.174	ug/l #	83
23) Vinyl Acetate	3.709	43	1741267	245.539	ug/l	99
24) 1,1-Dichloroethane	3.599	63	226249	48.041	ug/l	99
25) 2-Butanone	4.532	43	408273	253.598	ug/l	97
26) 2,2-Dichloropropane	4.458	77	193760	49.494	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	142635	48.826	ug/l	99
28) Bromochloromethane	4.879	49	95782	46.586	ug/l	99
29) Tetrahydrofuran	4.983	42	245392	253.375	ug/l	99
30) Chloroform	5.074	83	231954	48.739	ug/l	99
31) Cyclohexane	5.458	56	180430	45.999	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	197711	48.978	ug/l	100
36) 1,1-Dichloropropene	5.678	75	151745	46.663	ug/l	99
37) Ethyl Acetate	4.690	43	171454	49.241	ug/l	98
38) Carbon Tetrachloride	5.659	117	165834	46.935	ug/l	95
39) Methylcyclohexane	7.360	83	179392	48.597	ug/l	98
40) Benzene	6.019	78	467748	47.357	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 22 02:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	90758	50.490	ug/l		98
42) 1,2-Dichloroethane	6.068	62	176131	46.867	ug/l		100
43) Isopropyl Acetate	6.318	43	280595	49.136	ug/l		100
44) Trichloroethene	7.104	130	114708	48.037	ug/l		98
45) 1,2-Dichloropropane	7.409	63	121532	48.053	ug/l		98
46) Dibromomethane	7.562	93	88297	47.976	ug/l		98
47) Bromodichloromethane	7.799	83	185219	48.769	ug/l		96
48) Methyl methacrylate	7.671	41	141532	49.757	ug/l		99
49) 1,4-Dioxane	7.641	88	31320	1089.520	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	809759	255.752	ug/l		100
52) Toluene	8.702	92	292879	48.130	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	191863	49.527	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	203954	49.257	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	112094	47.772	ug/l		98
56) Ethyl methacrylate	9.098	69	189741	51.490	ug/l		99
57) 1,3-Dichloropropane	9.293	76	197079	48.894	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	394205	225.562	ug/l		99
59) 2-Hexanone	9.415	43	575599	253.126	ug/l		99
60) Dibromochloromethane	9.506	129	134704	49.824	ug/l		99
61) 1,2-Dibromoethane	9.592	107	117817	49.297	ug/l		99
64) Tetrachloroethene	9.256	164	90881	48.296	ug/l		98
65) Chlorobenzene	10.061	112	318372	48.549	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	110416	48.794	ug/l		98
67) Ethyl Benzene	10.177	91	563634	49.813	ug/l		99
68) m/p-Xylenes	10.287	106	416757	98.956	ug/l		99
69) o-Xylene	10.622	106	204323	50.159	ug/l		99
70) Styrene	10.640	104	353567	49.536	ug/l		99
71) Bromoform	10.780	173	86524	51.207	ug/l	#	98
73) Isopropylbenzene	10.945	105	523826	49.479	ug/l		100
74) N-amyl acetate	10.823	43	243198	50.375	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	159676	49.851	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	184000	65.262	ug/l		89
77) Bromobenzene	11.183	156	125610	48.173	ug/l		98
78) n-propylbenzene	11.286	91	616928	49.295	ug/l		99
79) 2-Chlorotoluene	11.347	91	376486	49.117	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	435375	50.055	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	55880	50.543	ug/l		99
82) 4-Chlorotoluene	11.433	91	445075	49.164	ug/l		100
83) tert-Butylbenzene	11.695	119	442341	49.679	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	440134	49.911	ug/l		99
85) sec-Butylbenzene	11.872	105	529869	50.100	ug/l		100
86) p-Isopropyltoluene	11.994	119	446441	49.861	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	237383	49.014	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	243618	49.011	ug/l		99
89) n-Butylbenzene	12.317	91	420478	50.752	ug/l		100
90) Hexachloroethane	12.518	117	79751	50.732	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	227493	49.304	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33020	50.918	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	153333	51.133	ug/l		100
94) Hexachlorobutadiene	13.707	225	53099	52.131	ug/l		99
95) Naphthalene	13.756	128	464206	50.836	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	142413	51.054	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 22 02:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

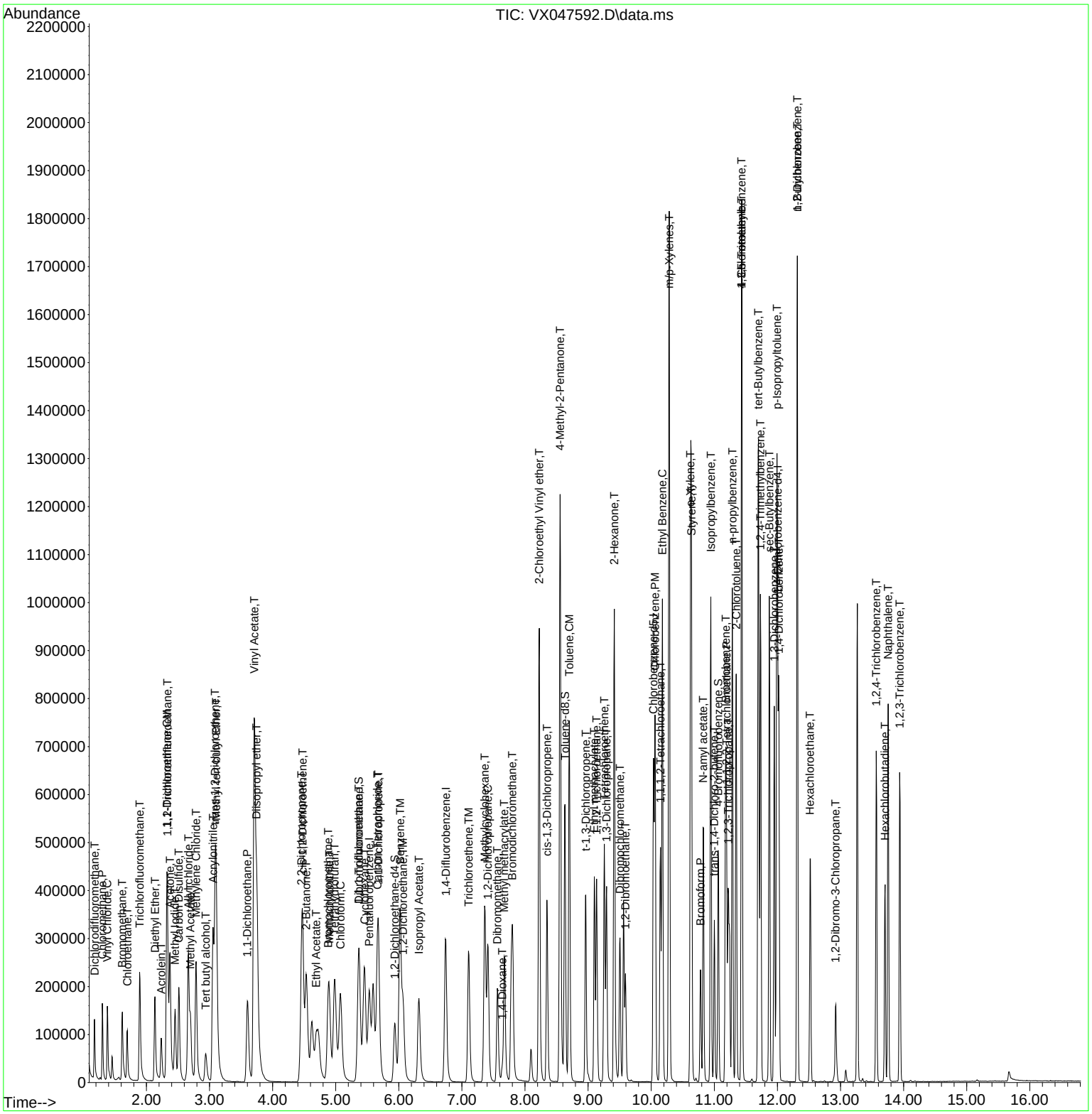
(#) = qualifier out of range (m) = manual integration (+) = signals summed

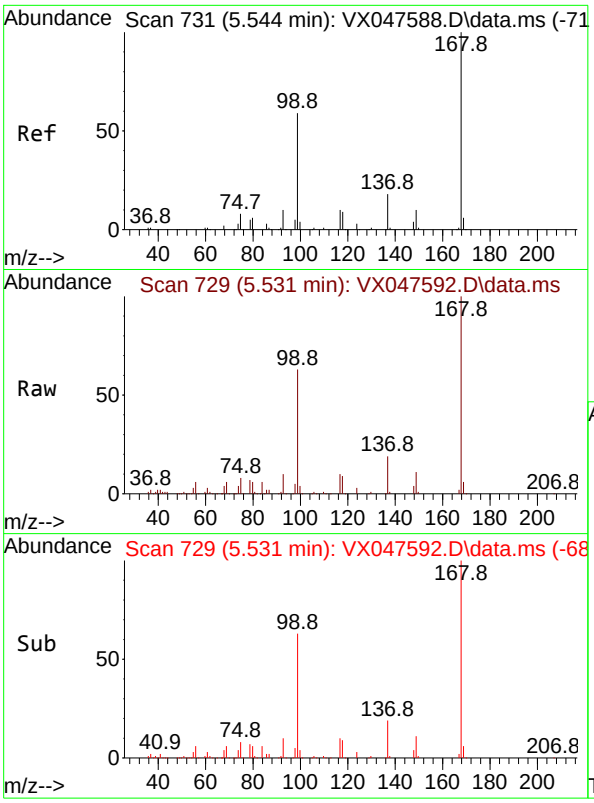
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 22 02:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



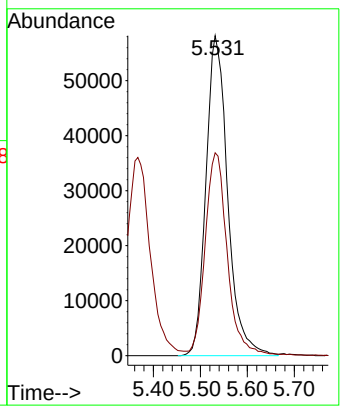


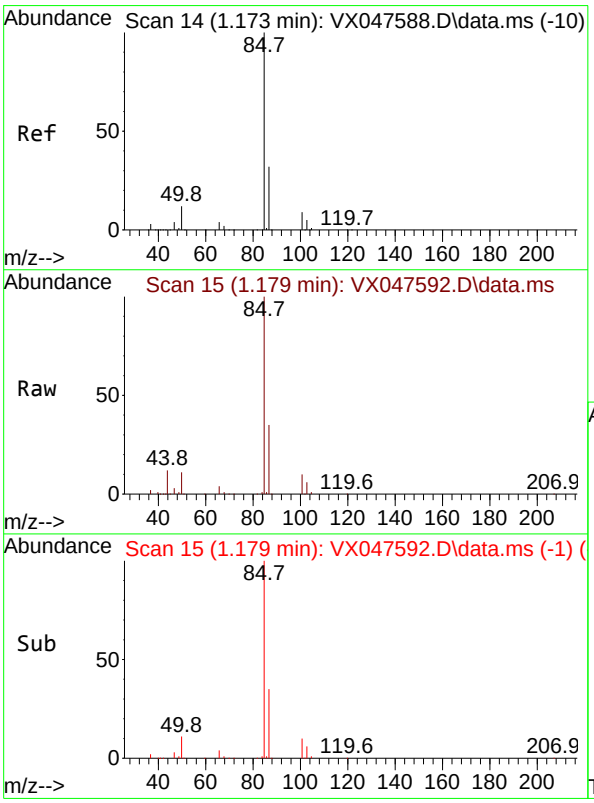
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:168 Resp: 186484

Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.8	73.2

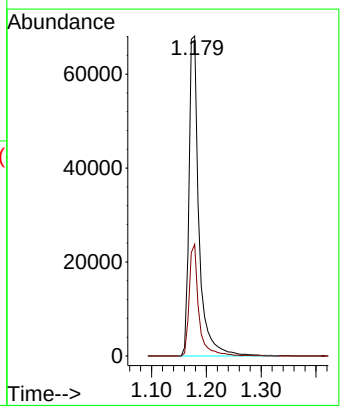


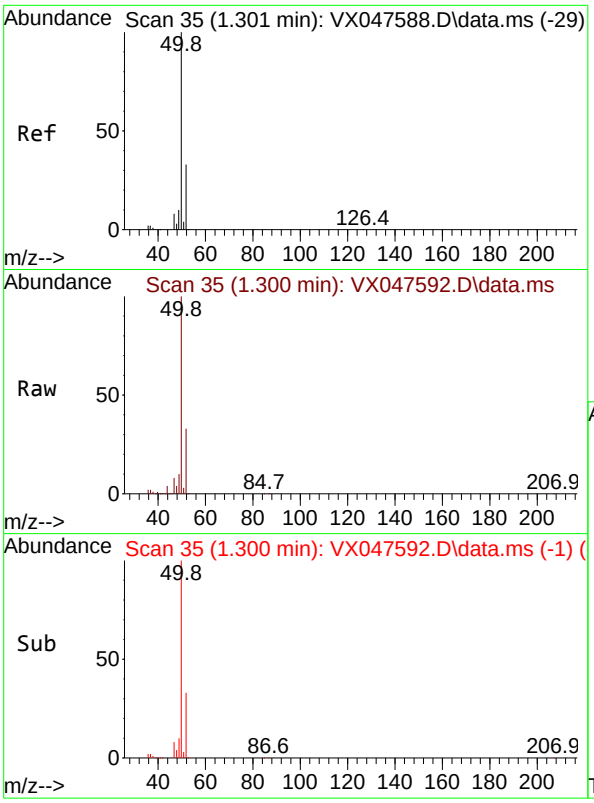


#2
Dichlorodifluoromethane
Concen: 44.592 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 85 Resp: 86110

Ion	Ratio	Lower	Upper
85	100		
87	34.9	15.8	47.3



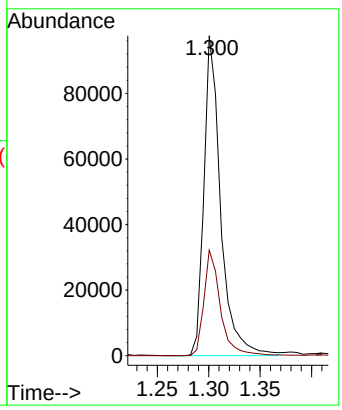


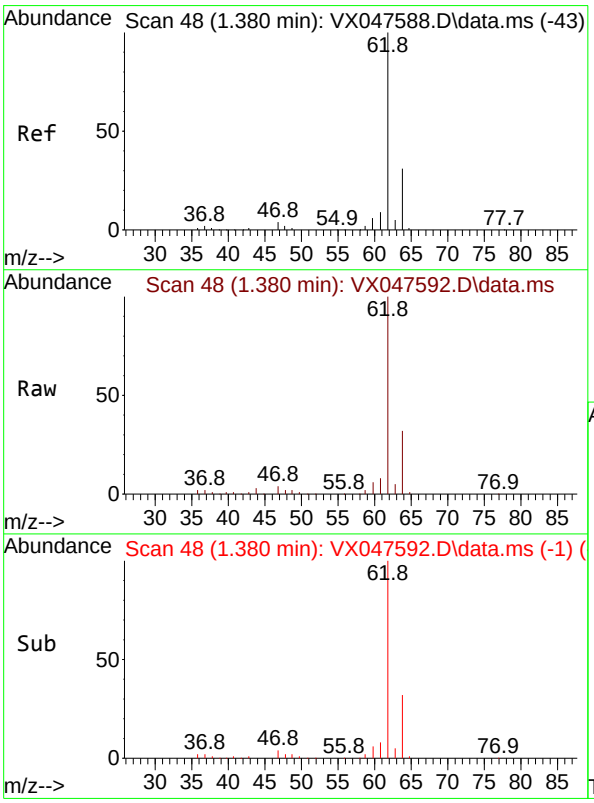
#3
Chloromethane
Concen: 43.710 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 50 Resp: 110935

Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.1	39.1

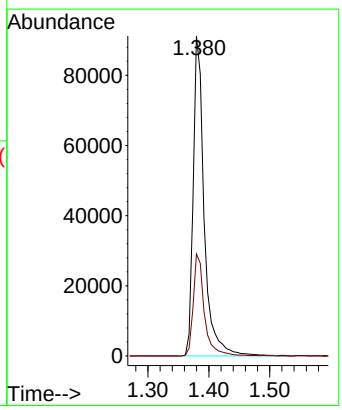


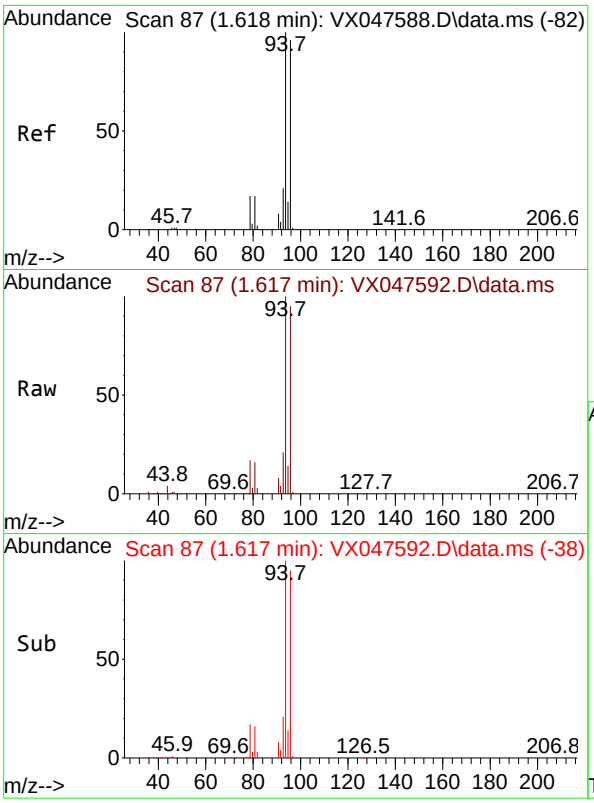


#4
Vinyl Chloride
Concen: 45.783 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 113742

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.9	37.3



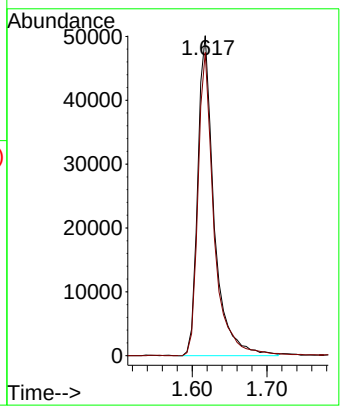


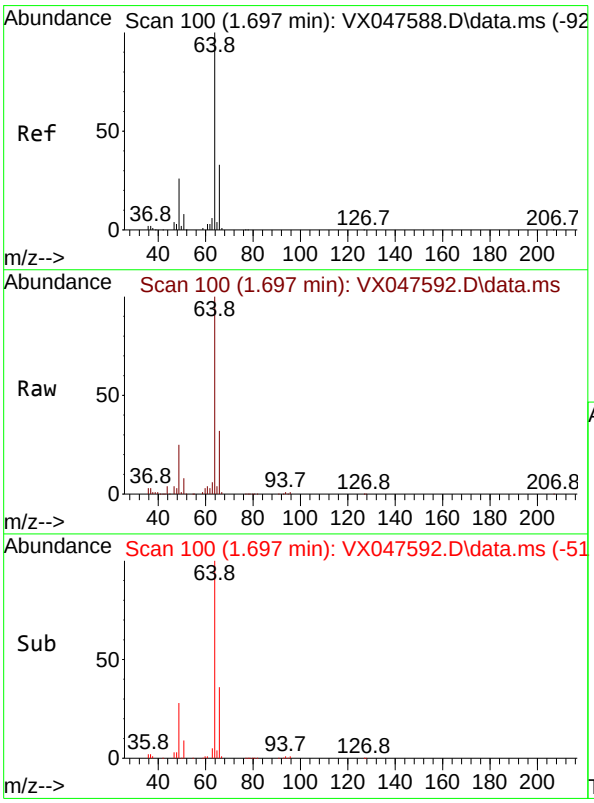
#5
Bromomethane
Concen: 48.489 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 94 Resp: 76388

Ion	Ratio	Lower	Upper
94	100		
96	94.7	76.6	115.0

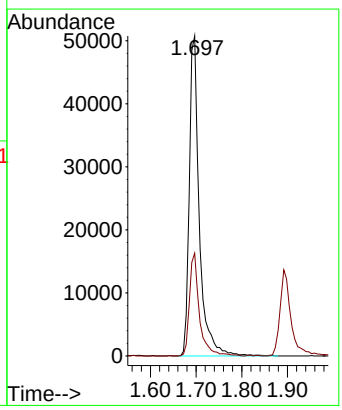


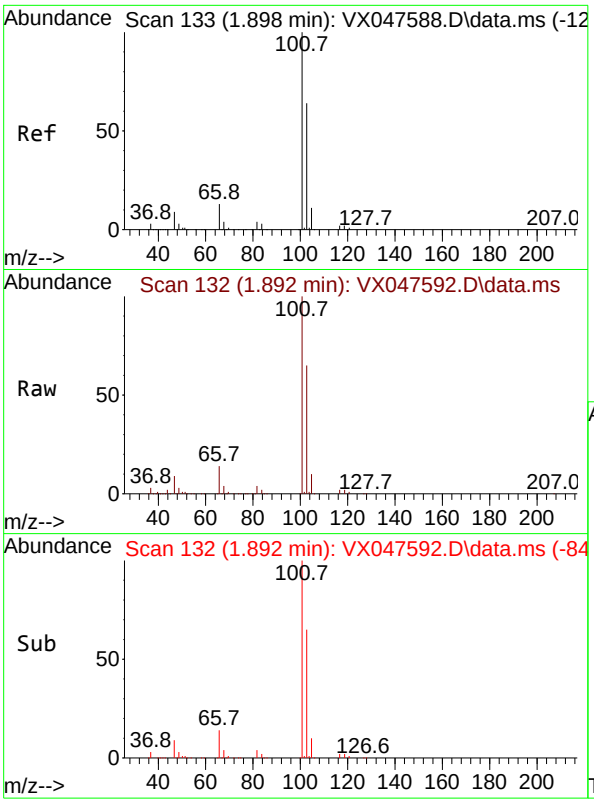


#6
Chloroethane
Concen: 46.575 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 64 Resp: 77337

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.1	39.1



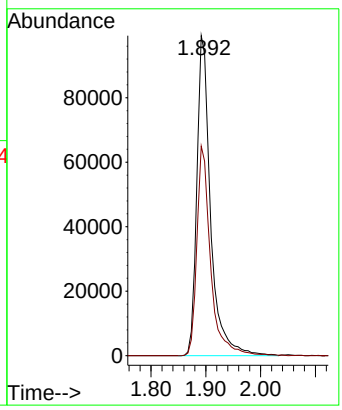


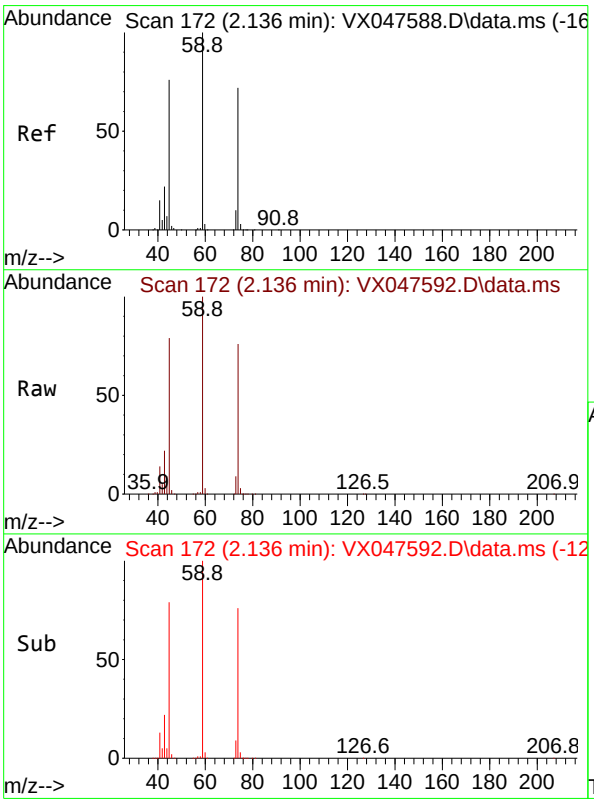
#7
Trichlorofluoromethane
Concen: 47.074 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:101 Resp: 173647

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.4	77.2

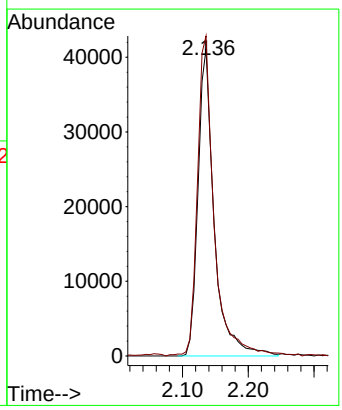


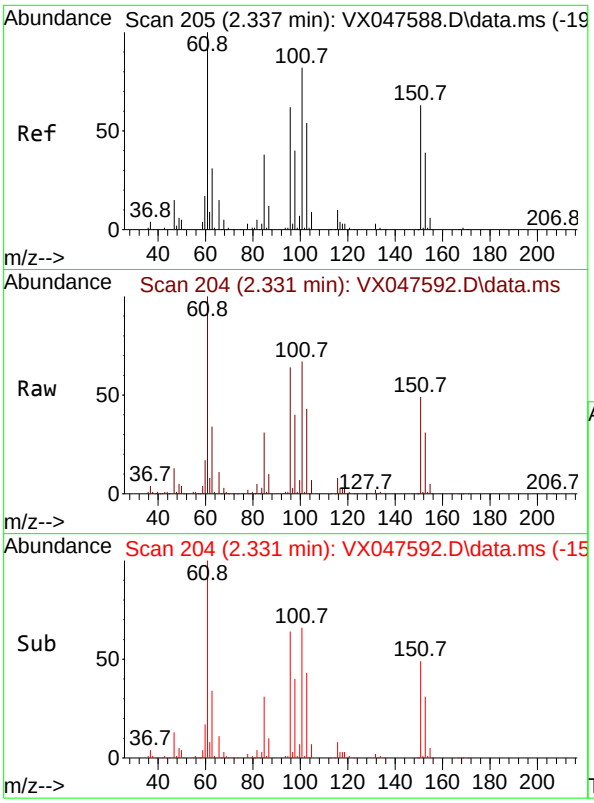


#8
Diethyl Ether
Concen: 46.693 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 74 Resp: 70459

Ion	Ratio	Lower	Upper
74	100		
45	107.1	52.3	156.8



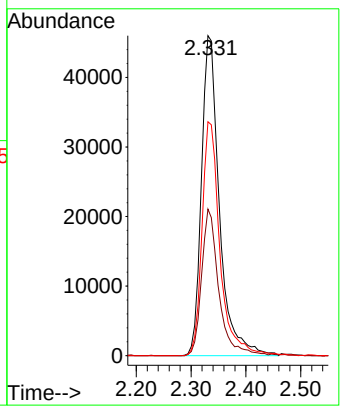


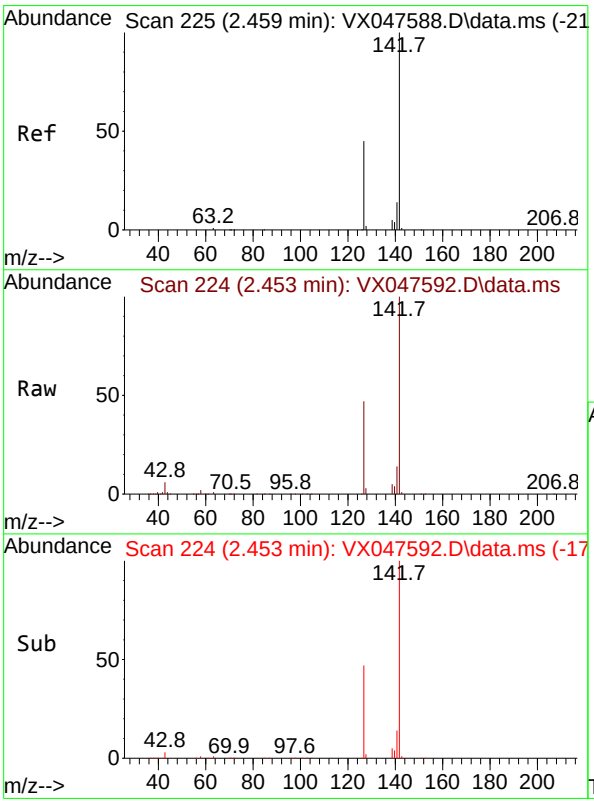
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.524 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:101 Resp: 104663

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.5	53.3
151	73.3	59.4	89.0

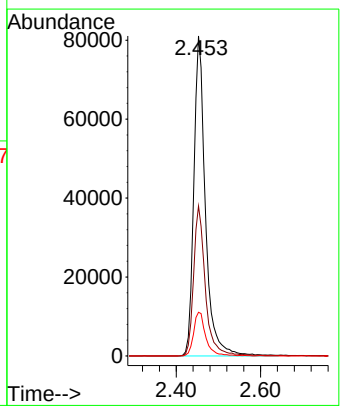


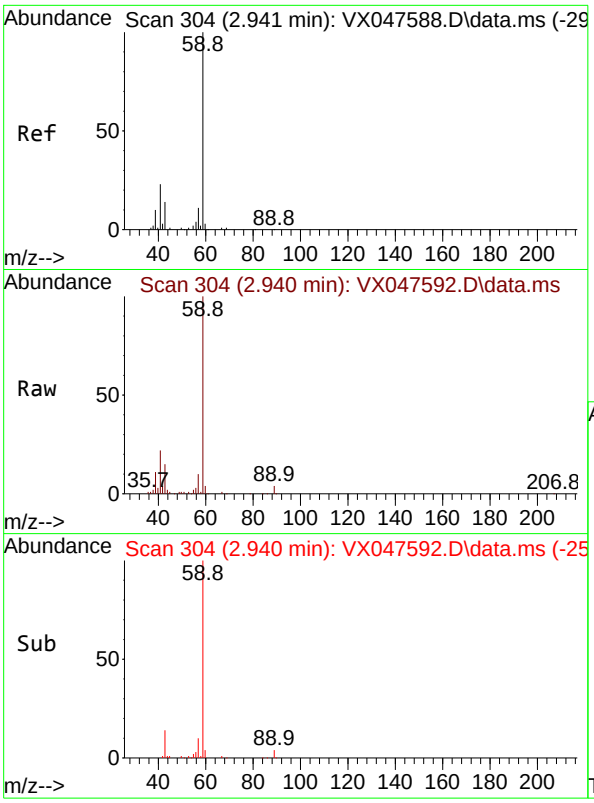


#10
Methyl Iodide
Concen: 46.210 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:142 Resp: 155450

Ion	Ratio	Lower	Upper
142	100		
127	47.6	37.2	55.8
141	14.4	11.4	17.0



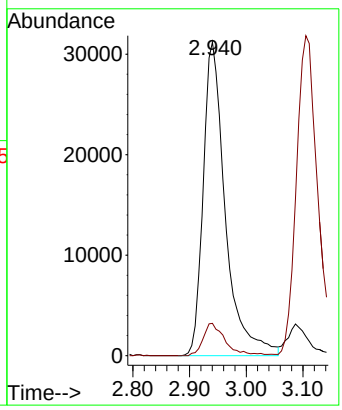


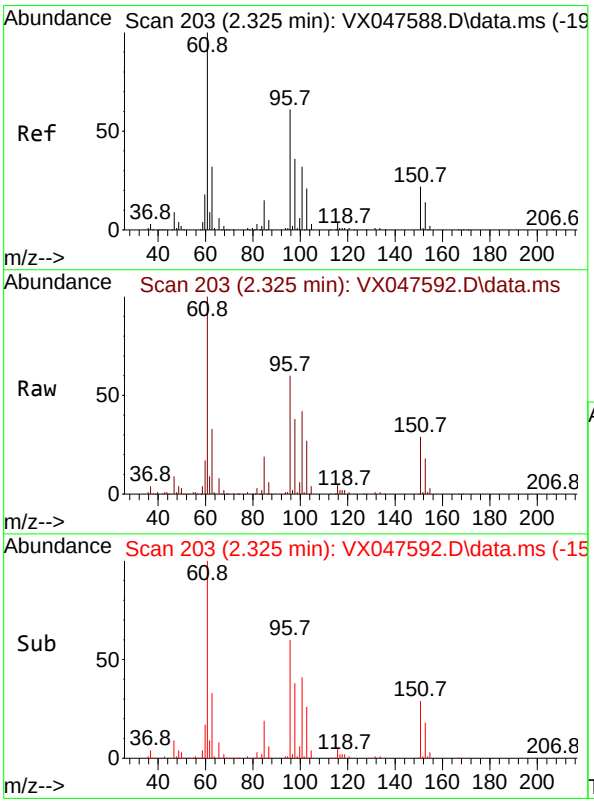
#11
Tert butyl alcohol
Concen: 256.271 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 59 Resp: 84722

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

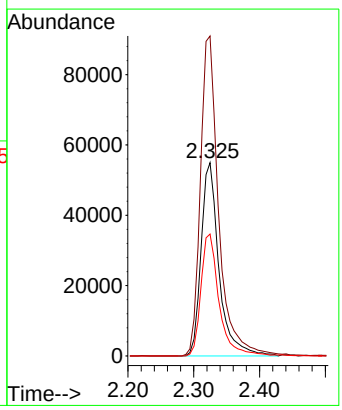


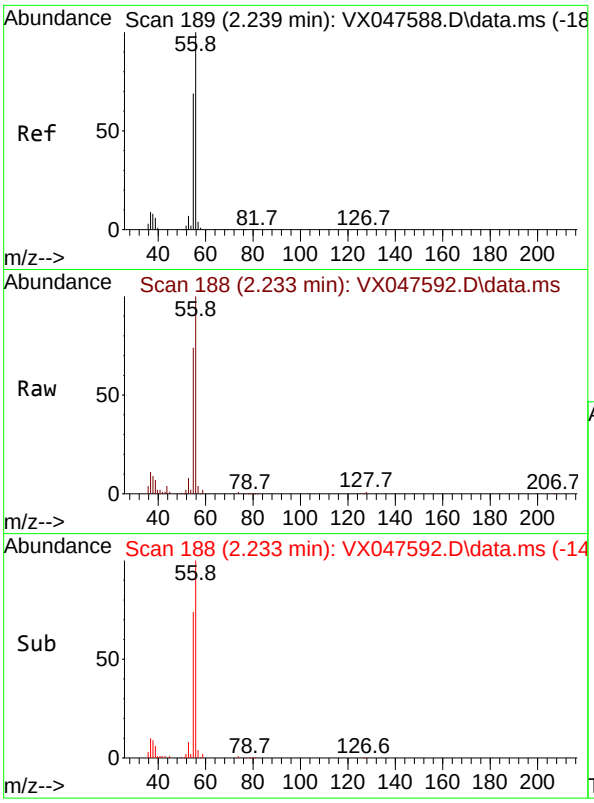


#12
1,1-Dichloroethene
Concen: 47.076 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 96 Resp: 104302

Ion	Ratio	Lower	Upper
96	100		
61	165.6	131.0	196.6
98	63.1	47.7	71.5



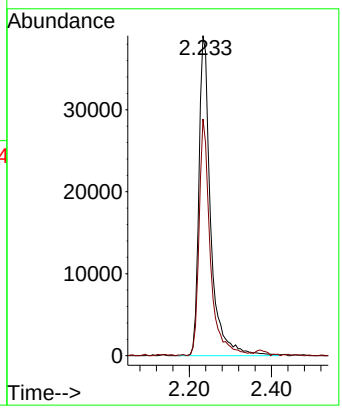


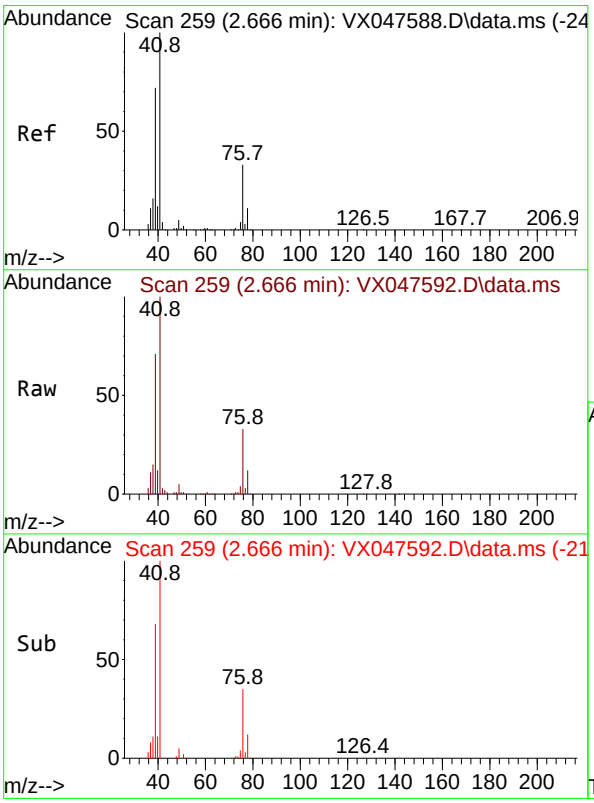
#13
Acrolein
Concen: 254.867 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 56 Resp: 77645

Ion	Ratio	Lower	Upper
56	100		
55	70.3	57.2	85.8

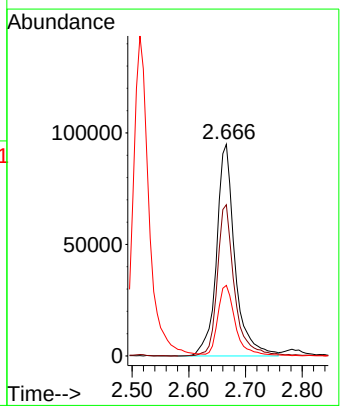


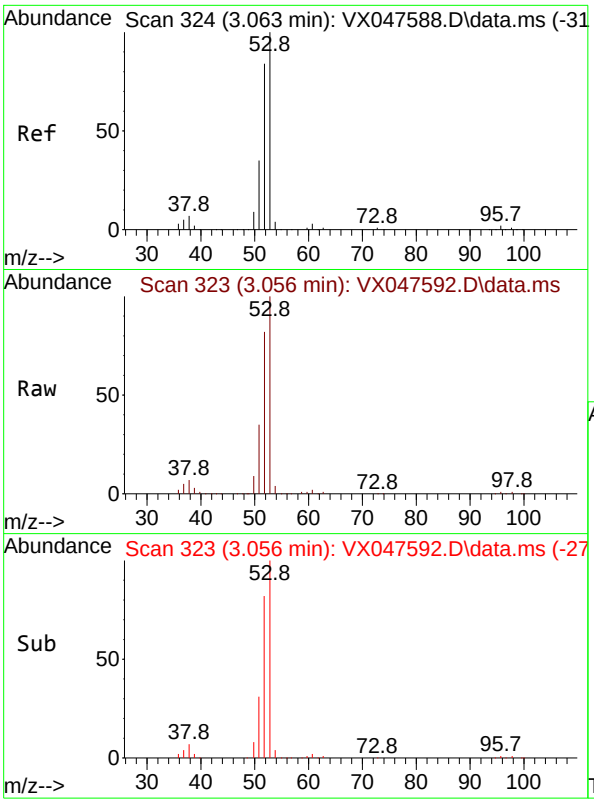


#14
Allyl chloride
Concen: 46.742 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 213704

Ion	Ratio	Lower	Upper
41	100		
39	67.2	54.7	82.1
76	31.7	25.7	38.5



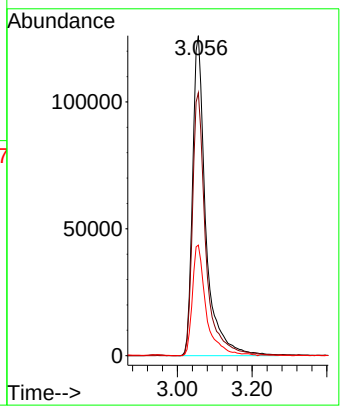


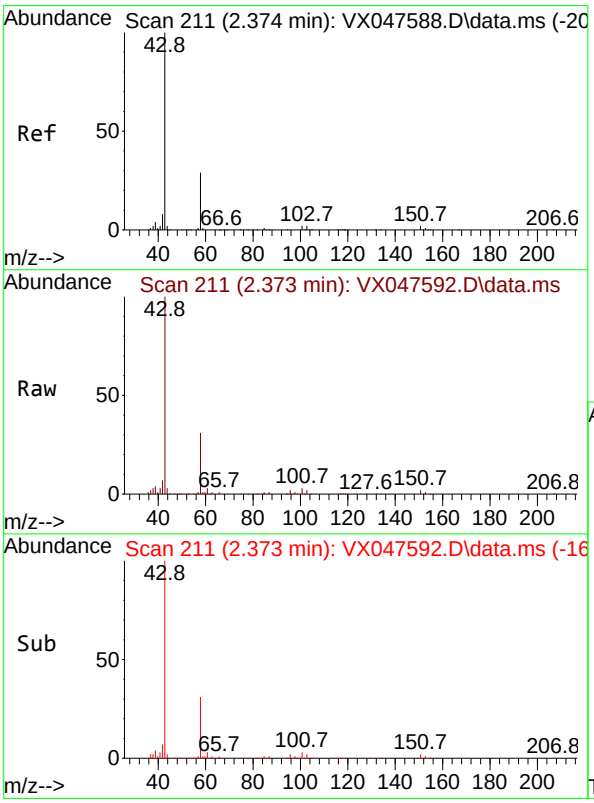
#15
Acrylonitrile
Concen: 253.567 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 53 Resp: 310505

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.2	29.5	44.3

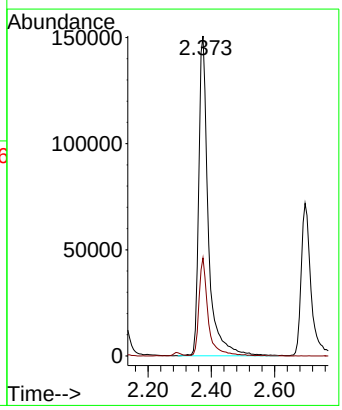


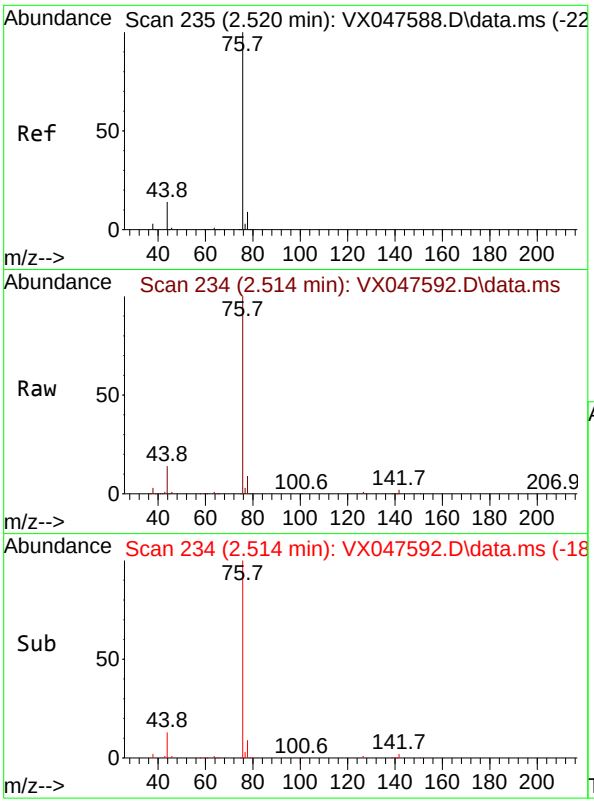


#16
Acetone
Concen: 245.006 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 316217

Ion	Ratio	Lower	Upper
43	100		
58	30.6	23.4	35.0



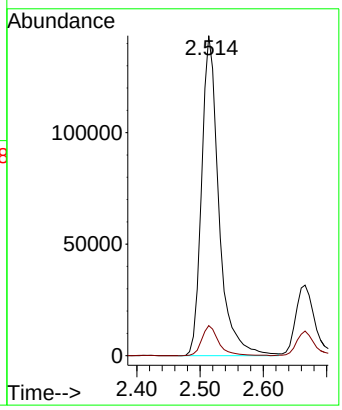


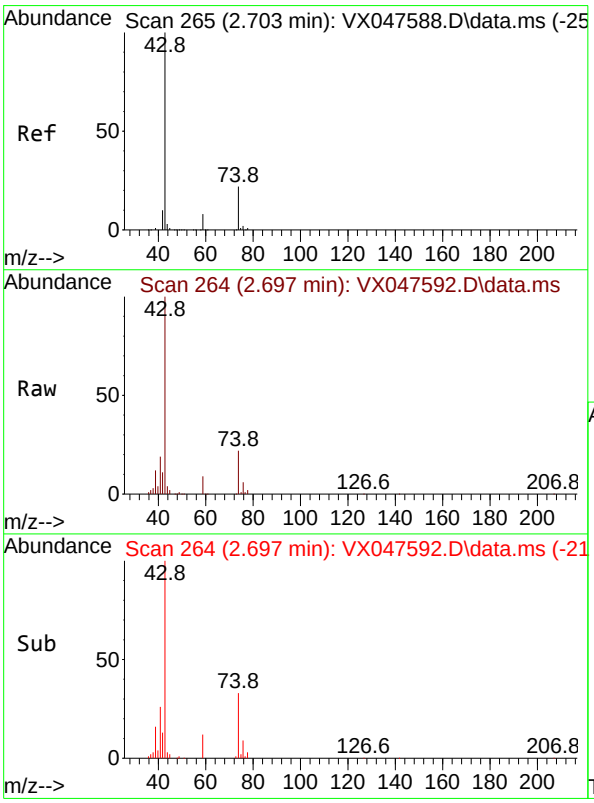
#17
Carbon Disulfide
Concen: 44.966 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 76 Resp: 272741

Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.8	10.2

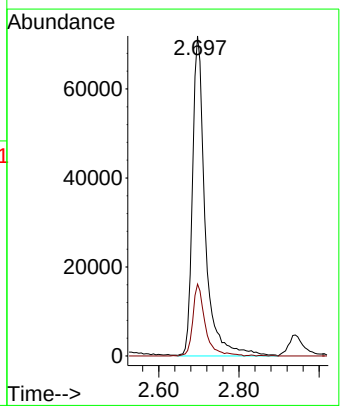


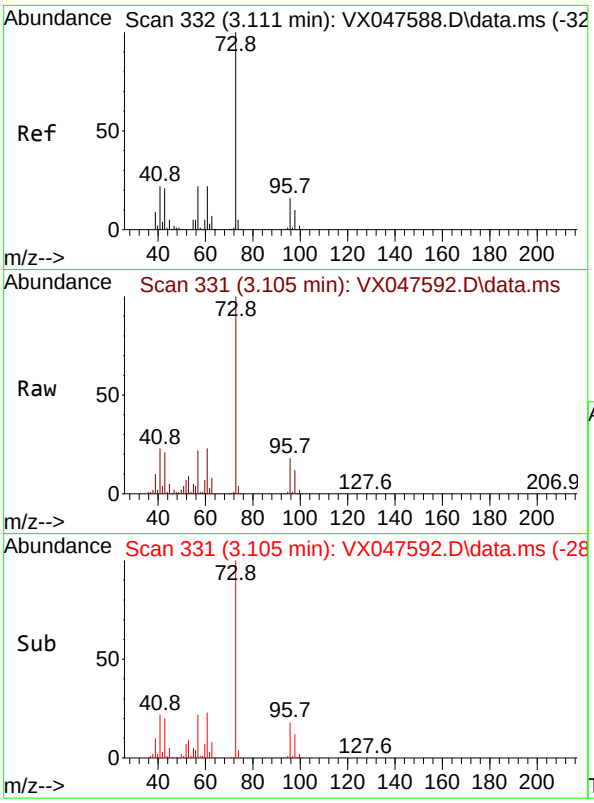


#18
Methyl Acetate
Concen: 55.175 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 158480

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2



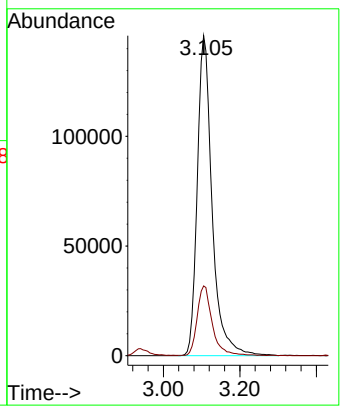


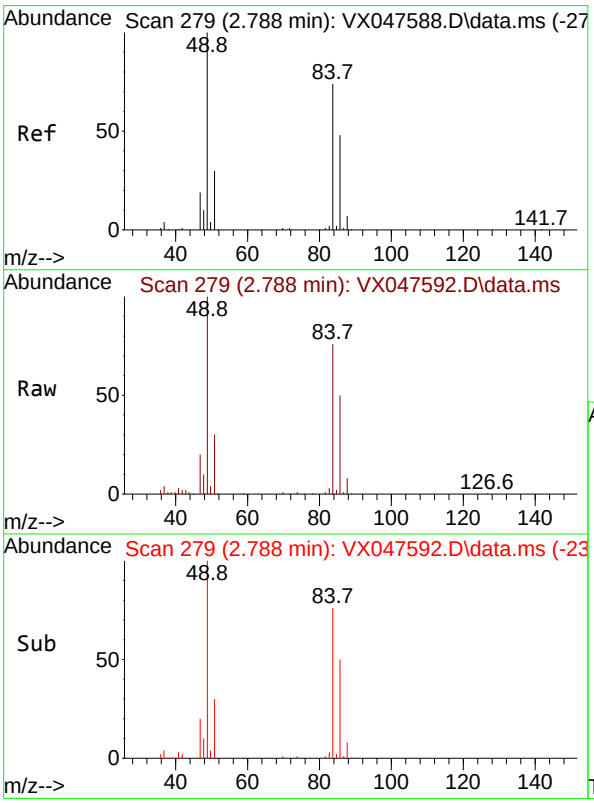
#19
Methyl tert-butyl Ether
Concen: 48.538 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 73 Resp: 392574

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2

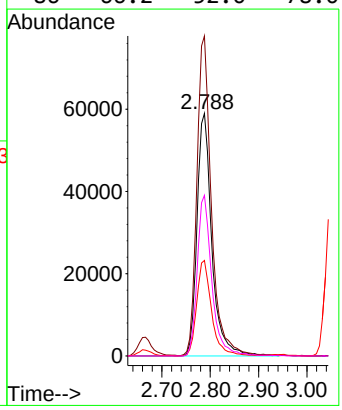


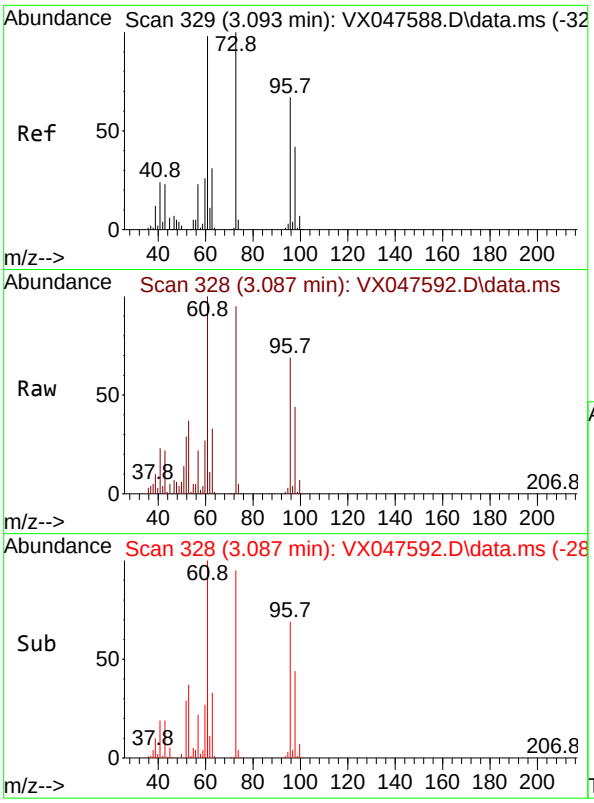


#20
Methylene Chloride
Concen: 46.000 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 84 Resp: 125669

Ion	Ratio	Lower	Upper
84	100		
49	131.8	108.6	162.8
51	39.4	32.6	48.8
86	66.2	52.0	78.0



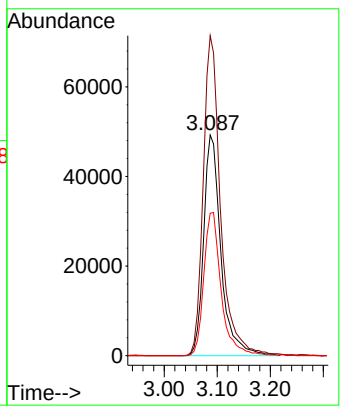


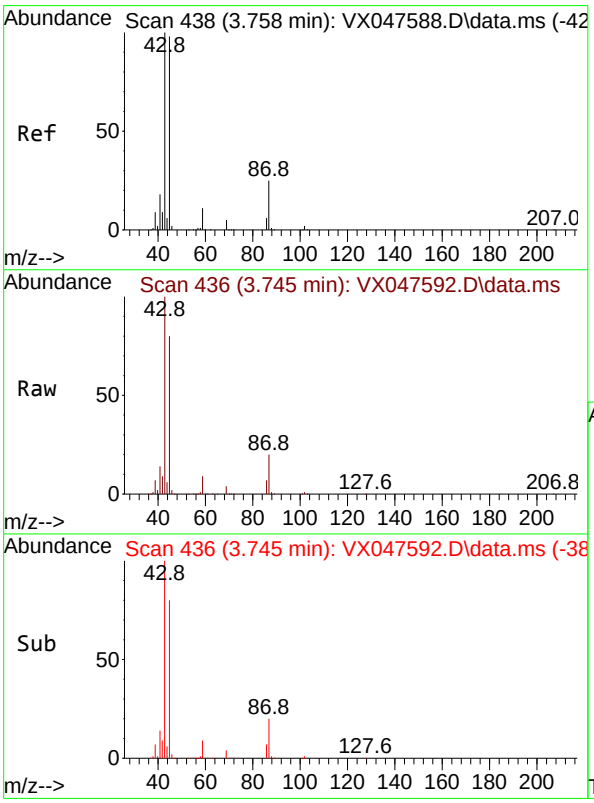
#21
trans-1,2-Dichloroethene
Concen: 46.709 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 96 Resp: 111418

Ion	Ratio	Lower	Upper
96	100		
61	145.1	116.2	174.2
98	64.5	49.3	73.9

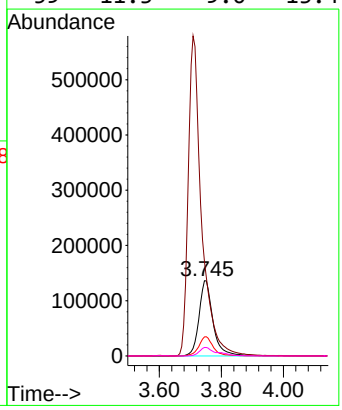


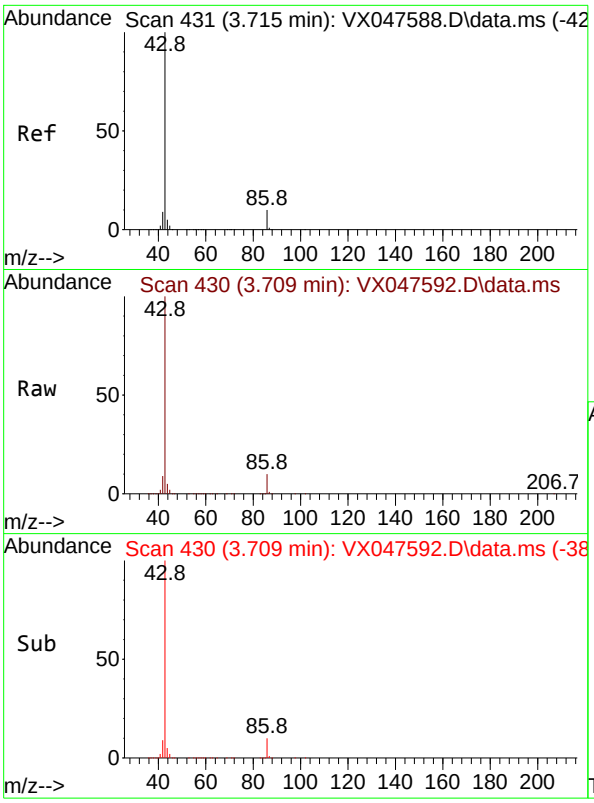


#22
Diisopropyl ether
Concen: 48.174 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 45 Resp: 426854

Ion	Ratio	Lower	Upper
45	100		
43	124.9	81.0	121.4#
87	25.2	20.3	30.5
59	11.3	9.0	13.4



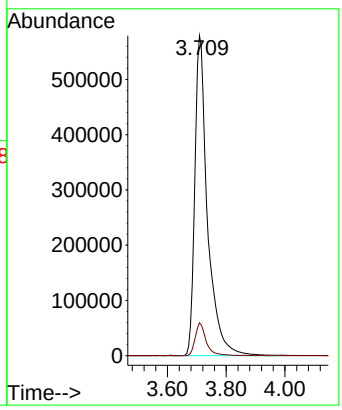


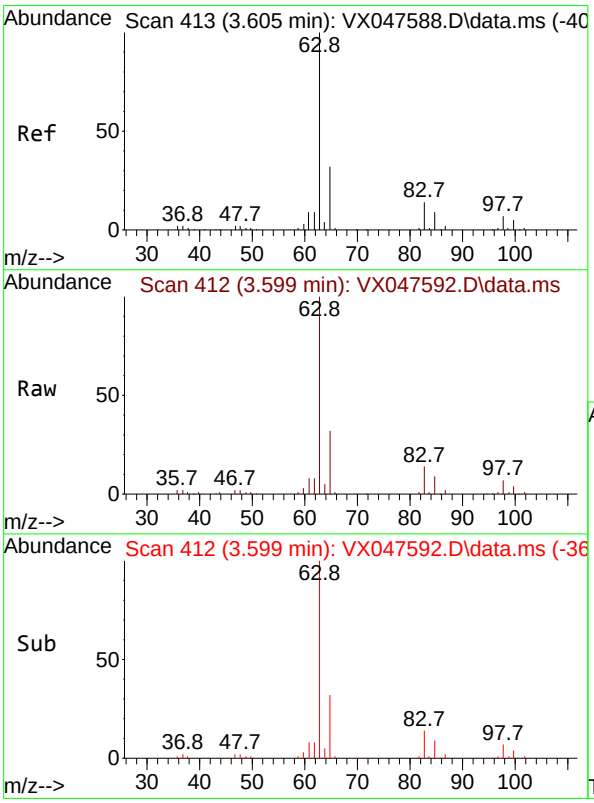
#23
Vinyl Acetate
Concen: 245.539 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 1741267

Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8

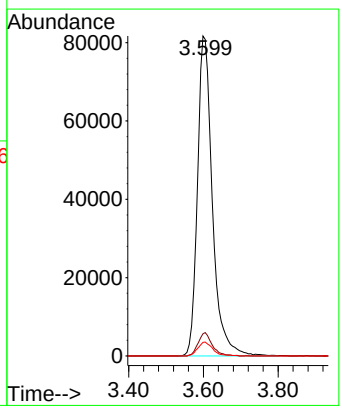


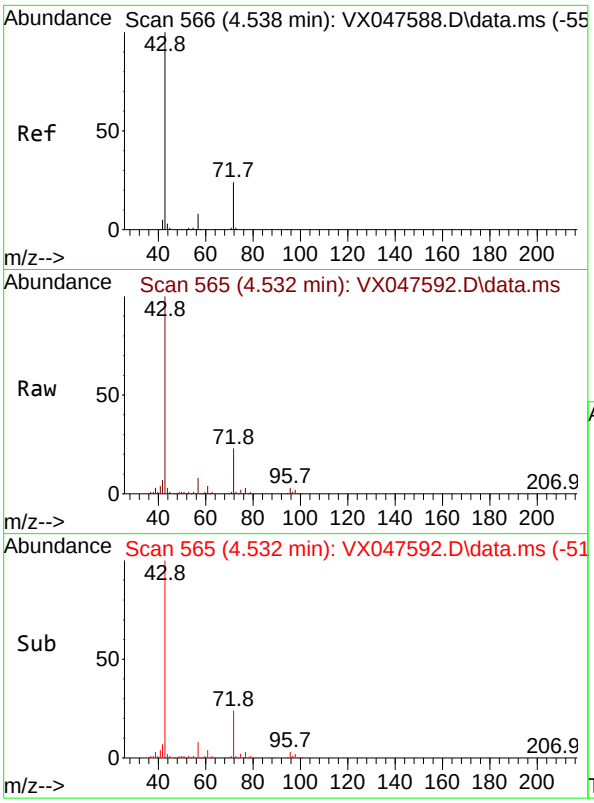


#24
1,1-Dichloroethane
Concen: 48.041 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 226249

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.2
100	4.4	2.3	6.9



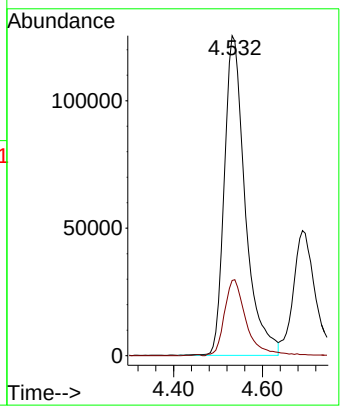


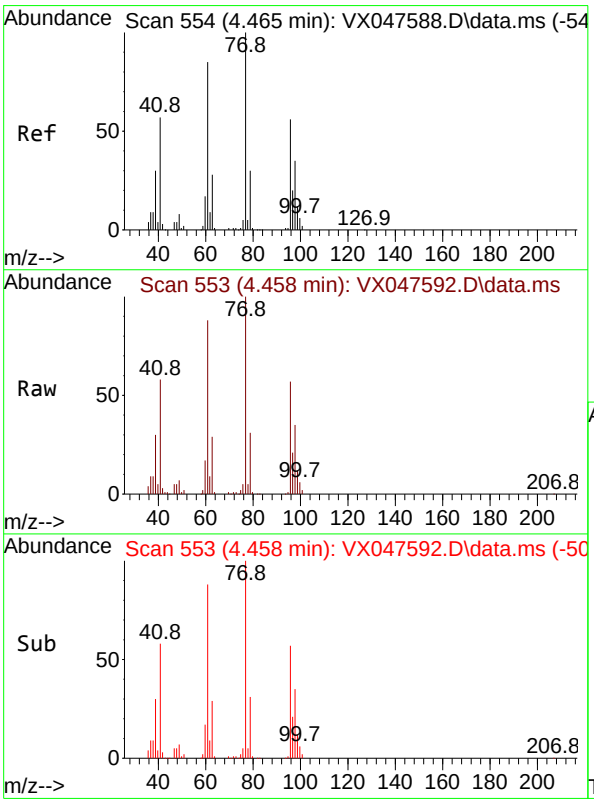
#25
2-Butanone
Concen: 253.598 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 408273

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.1	30.1

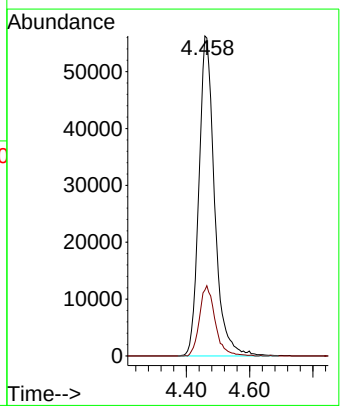


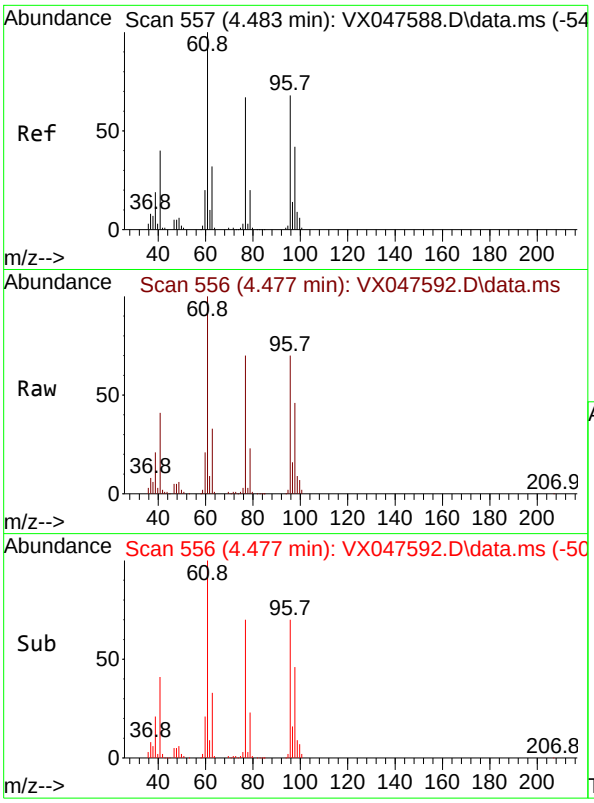


#26
2,2-Dichloropropane
Concen: 49.494 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 77 Resp: 193760

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7



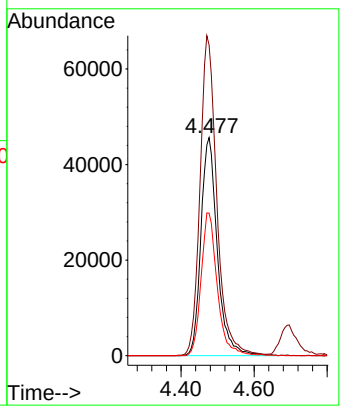


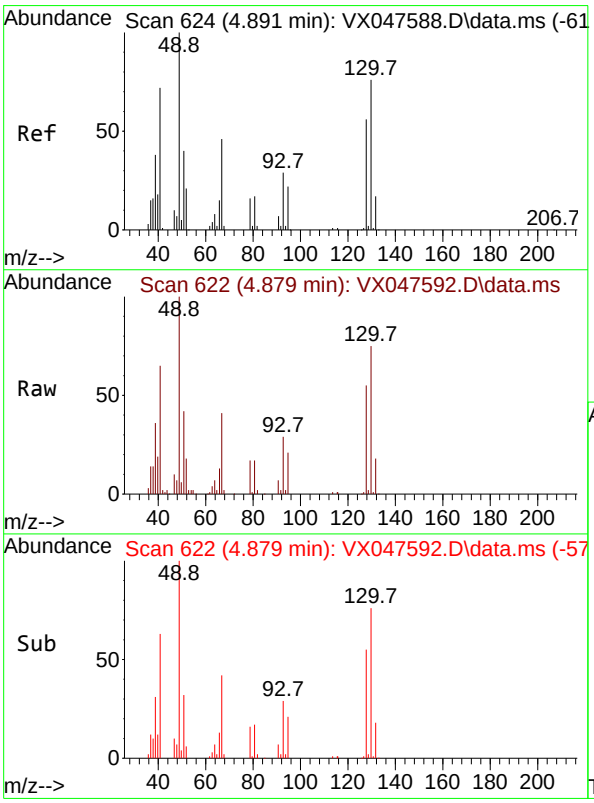
#27
cis-1,2-Dichloroethene
Concen: 48.826 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 96 Resp: 142635

Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	303.2
98	64.3	0.0	127.8

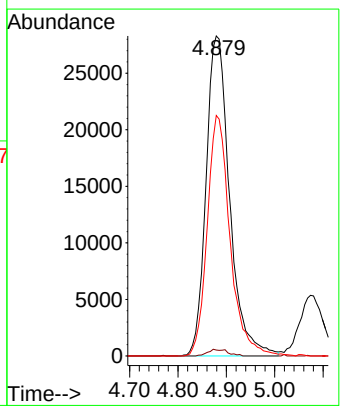


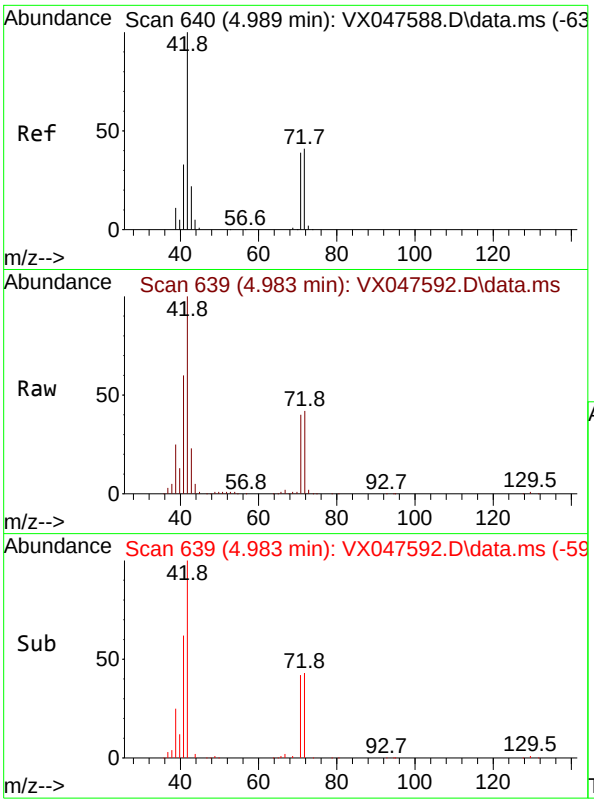


#28
Bromochloromethane
Concen: 46.586 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 49 Resp: 95782

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	72.9	57.8	86.8



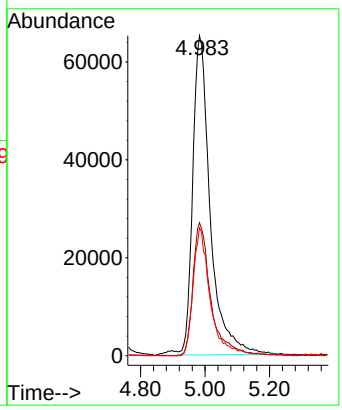


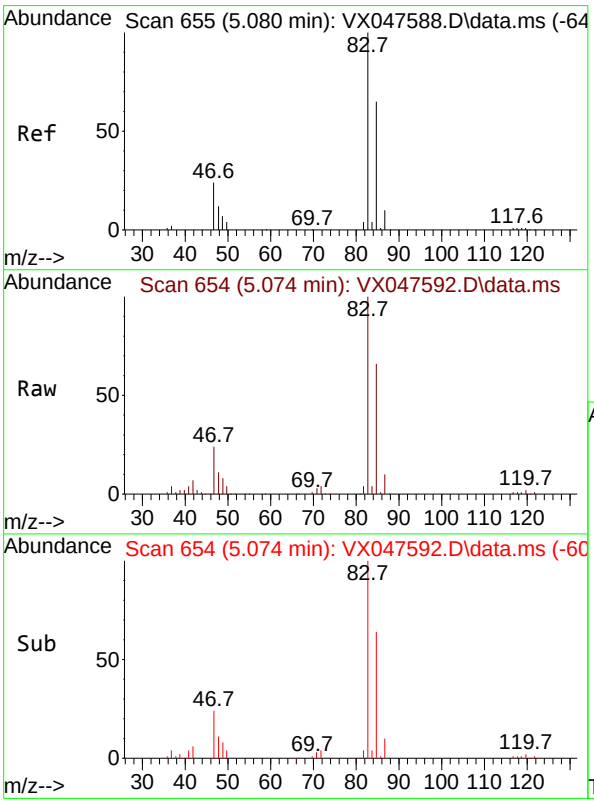
#29
Tetrahydrofuran
Concen: 253.375 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 42 Resp: 245392

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	38.9	31.9	47.9

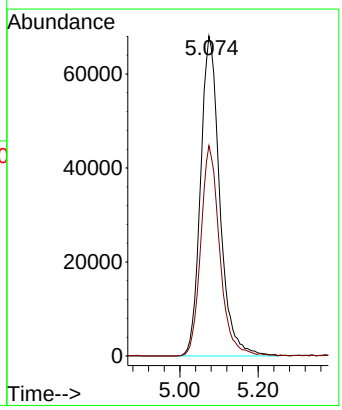


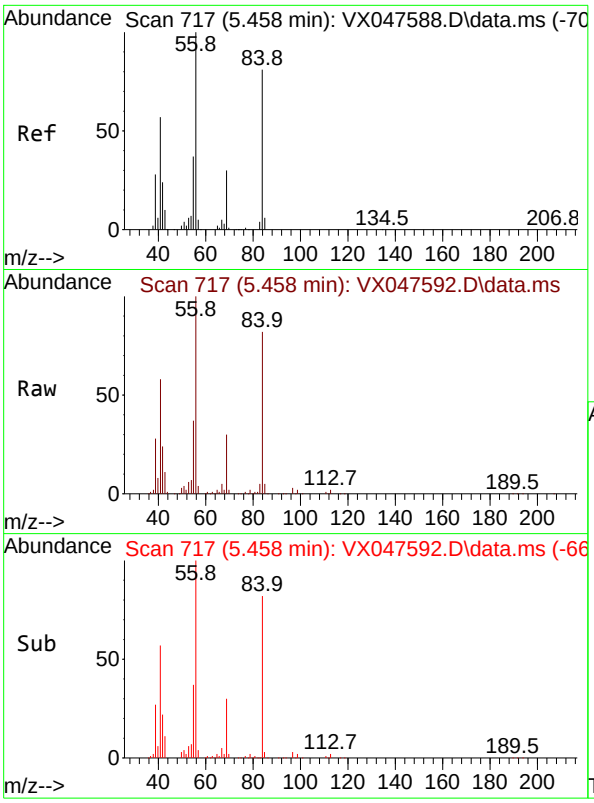


#30
Chloroform
Concen: 48.739 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 231954

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6



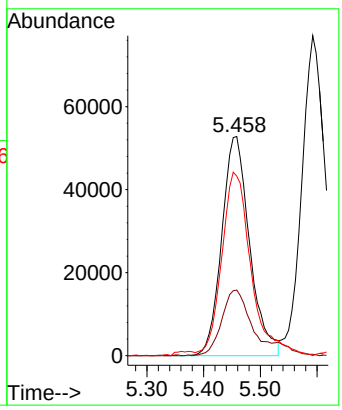


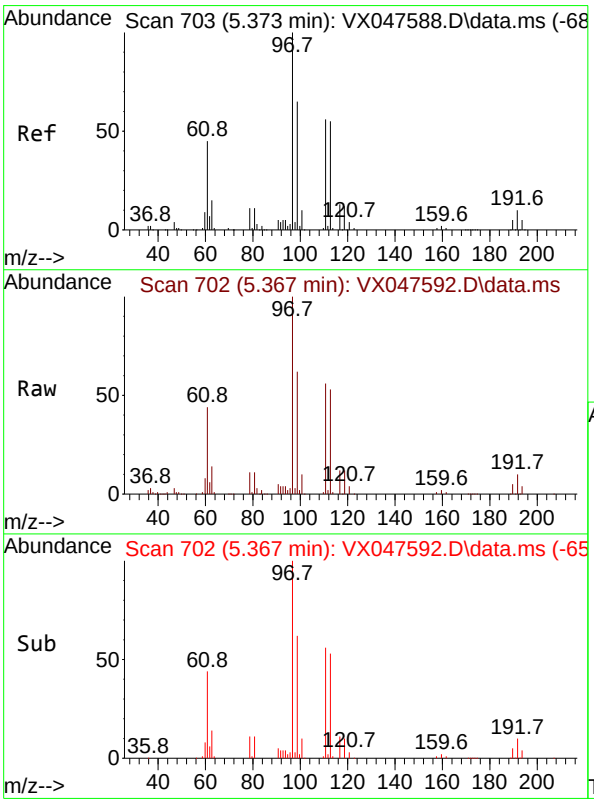
#31
Cyclohexane
Concen: 45.999 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 56 Resp: 180430

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.8
84	80.3	64.6	97.0

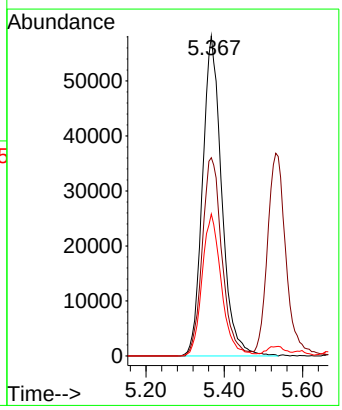


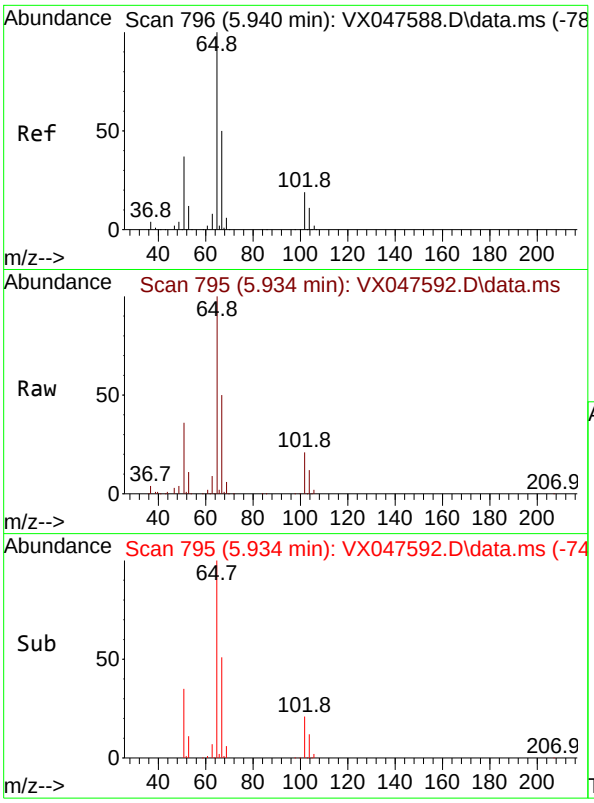


#32
1,1,1-Trichloroethane
Concen: 48.978 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 97 Resp: 197711

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	44.6	35.8	53.8



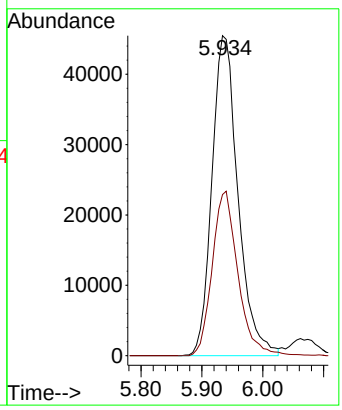


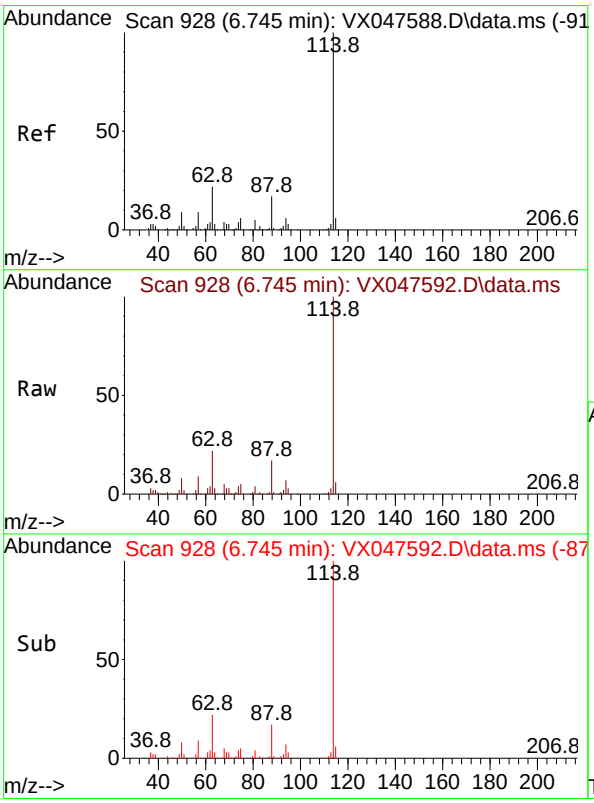
#33
1,2-Dichloroethane-d4
Concen: 45.550 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 65 Resp: 135209

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.0

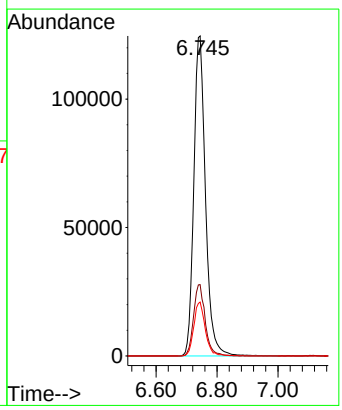


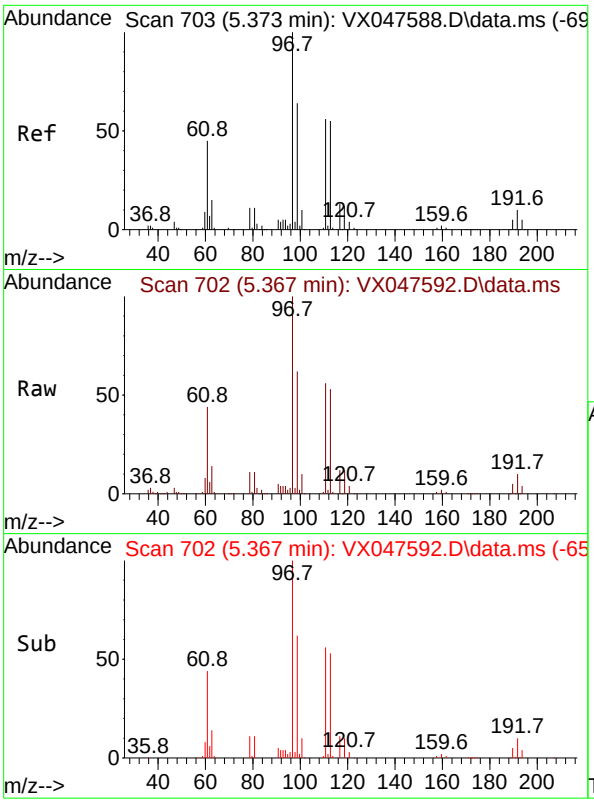


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:114 Resp: 331837

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2



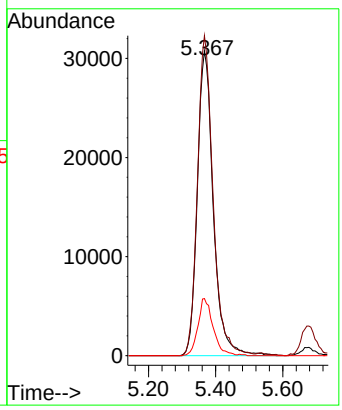


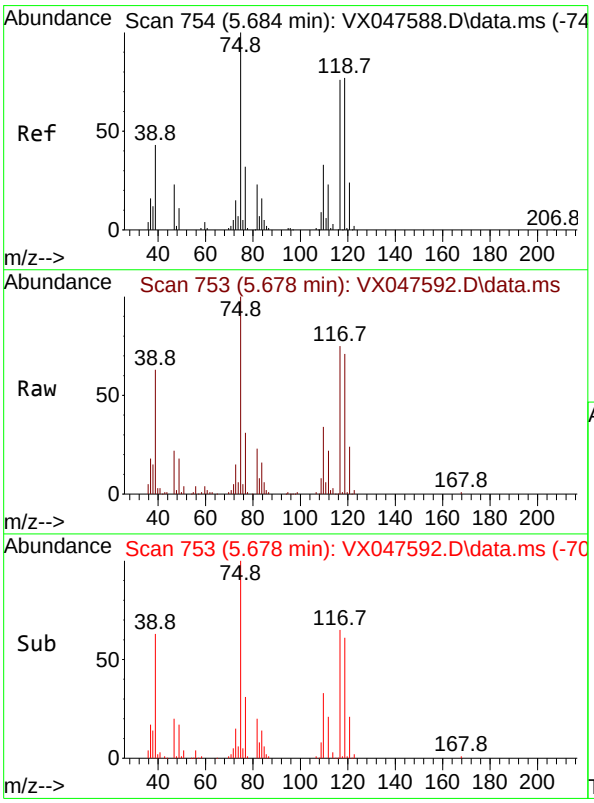
#35
Dibromofluoromethane
Concen: 45.559 ug/l
RT: 5.367 min Scan# 7(
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:113 Resp: 101390

Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.9	121.3
192	17.9	14.2	21.4

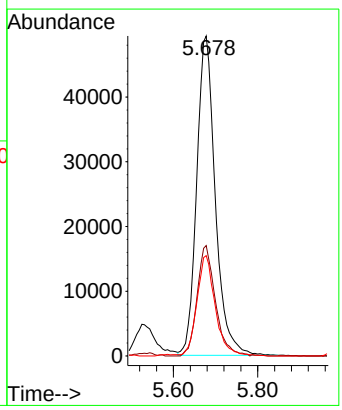


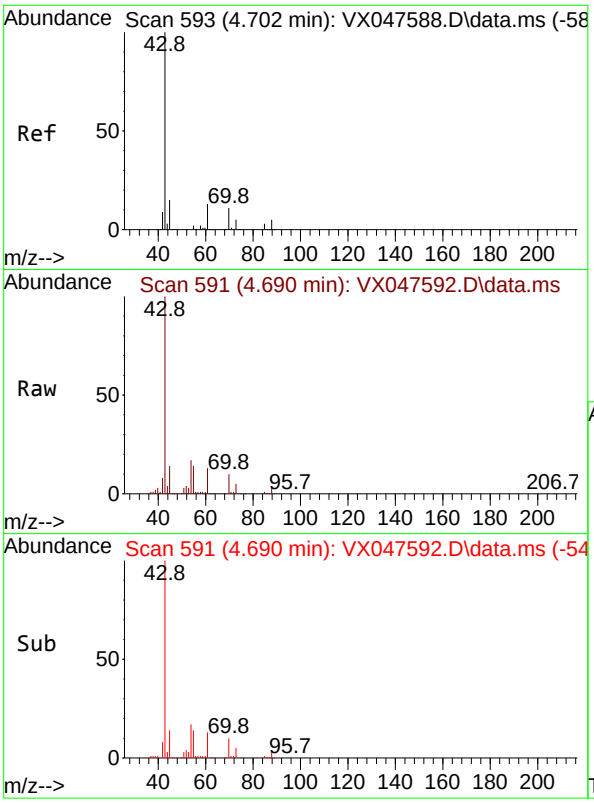


#36
1,1-Dichloropropene
Concen: 46.663 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 151745

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	31.0	24.3	36.5



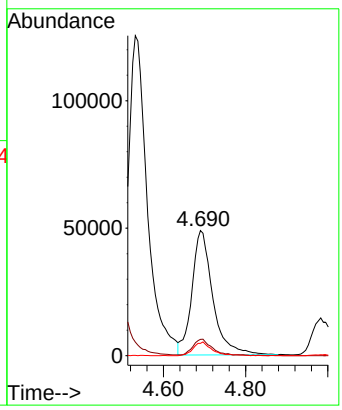


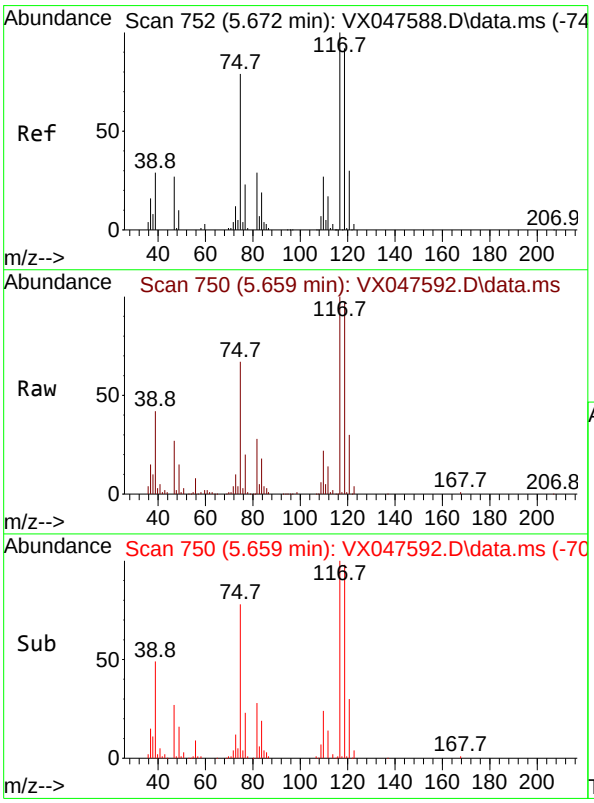
#37
Ethyl Acetate
Concen: 49.241 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 171454

Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.8	14.8
70	9.8	7.9	11.9

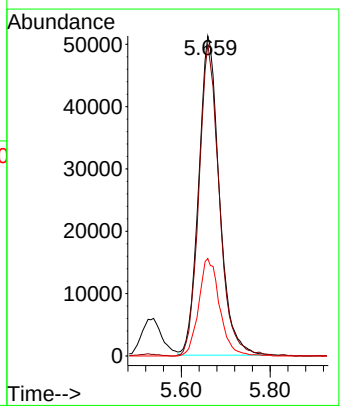


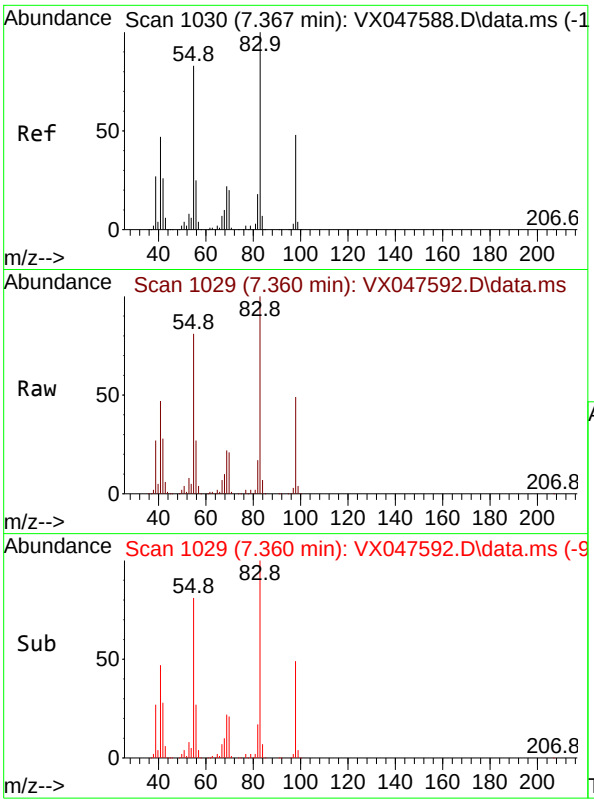


#38
Carbon Tetrachloride
Concen: 46.935 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 165834

Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.4	110.2
121	30.5	23.8	35.6



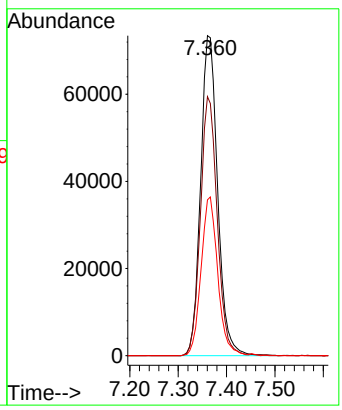


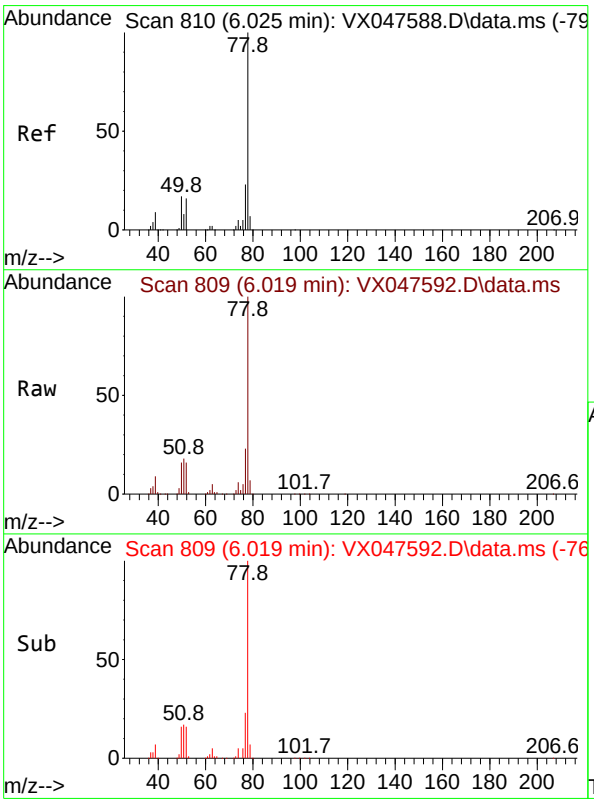
#39
Methylcyclohexane
Concen: 48.597 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 83 Resp: 179392

Ion	Ratio	Lower	Upper
83	100		
55	81.0	66.4	99.6
98	48.7	38.1	57.1

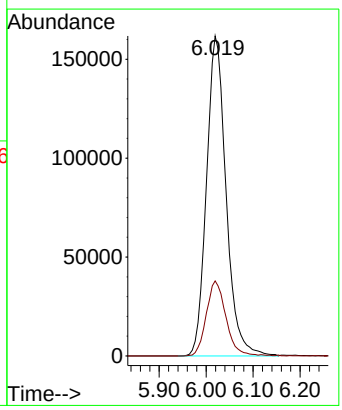


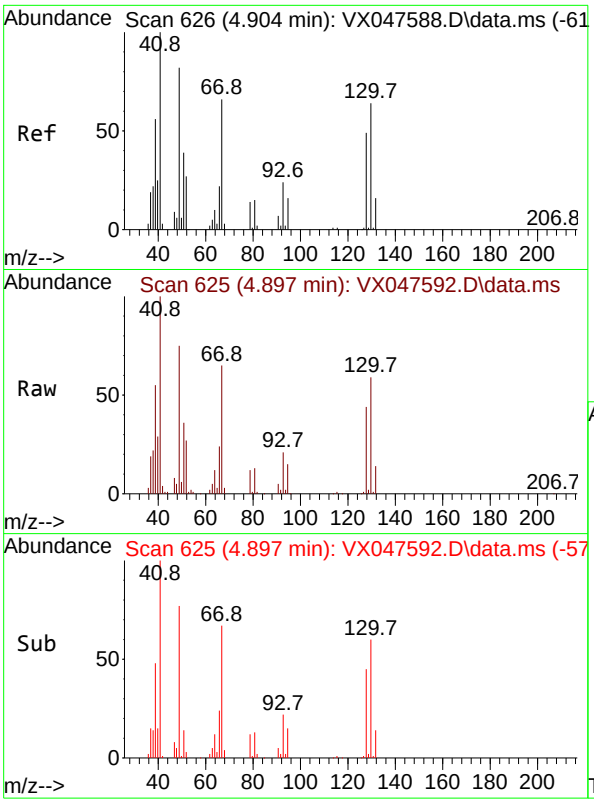


#40
Benzene
Concen: 47.357 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 78 Resp: 467748

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



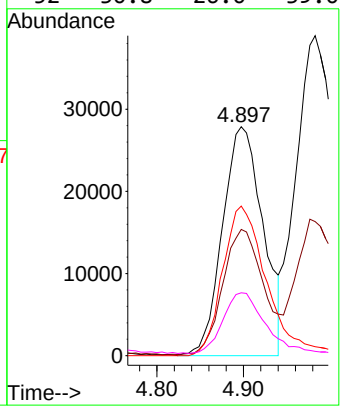


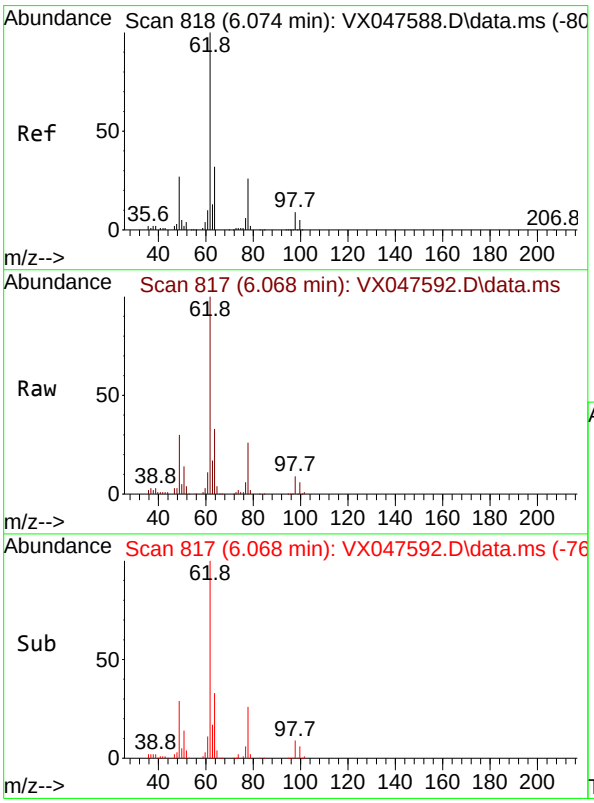
#41
Methacrylonitrile
Concen: 50.490 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 41 Resp: 90758

Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.3	64.9
67	72.5	58.6	87.8
52	30.8	26.0	39.0

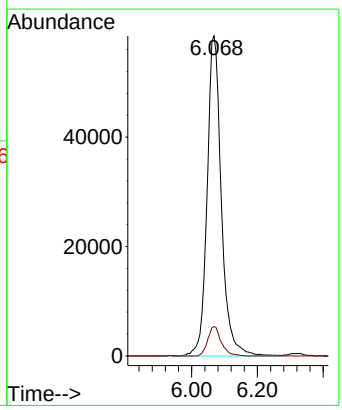


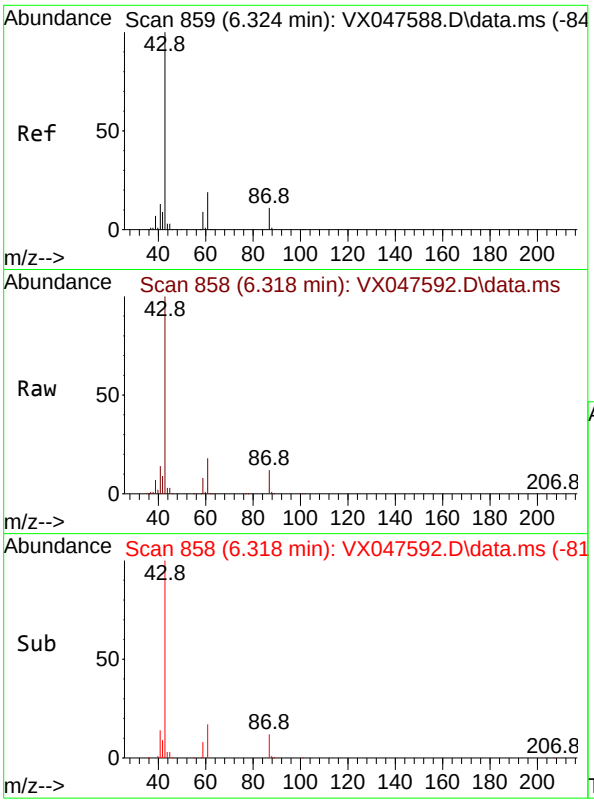


#42
1,2-Dichloroethane
Concen: 46.867 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 176131

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



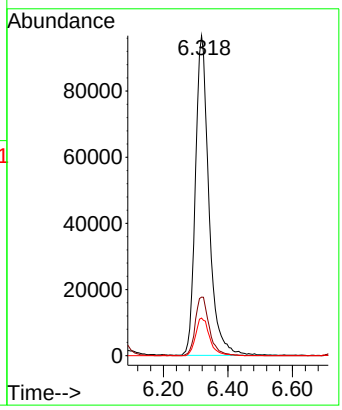


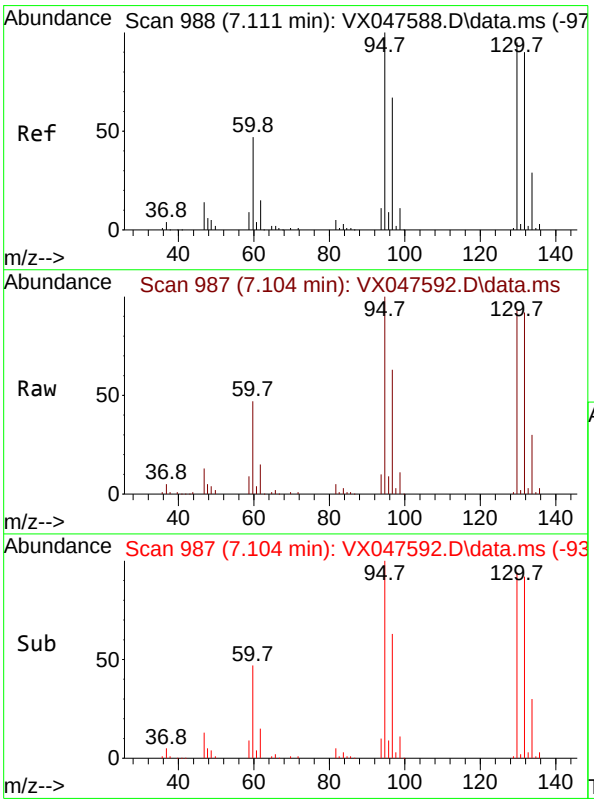
#43
Isopropyl Acetate
Concen: 49.136 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 280595

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.2	9.6	14.4

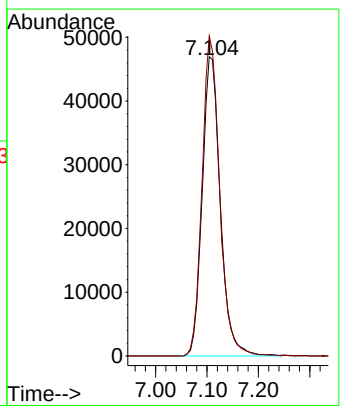


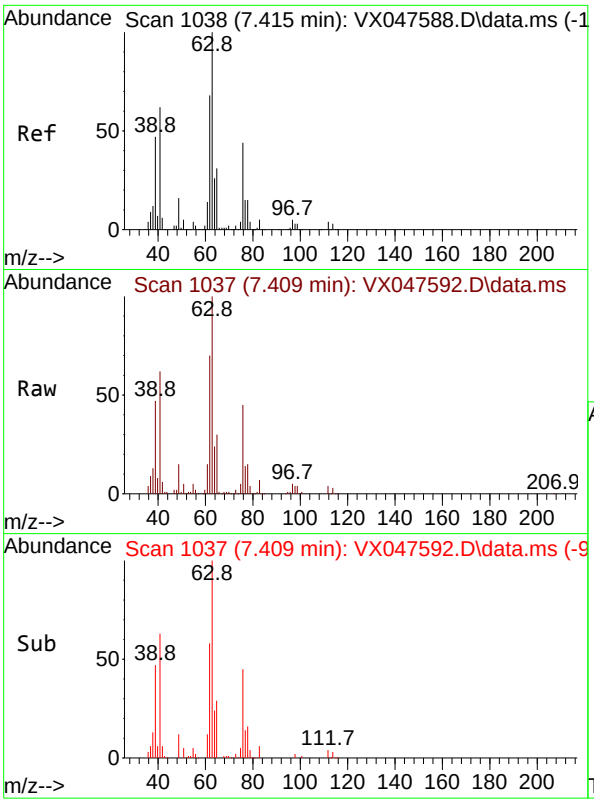


#44
Trichloroethene
Concen: 48.037 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:130 Resp: 114708

Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	210.8



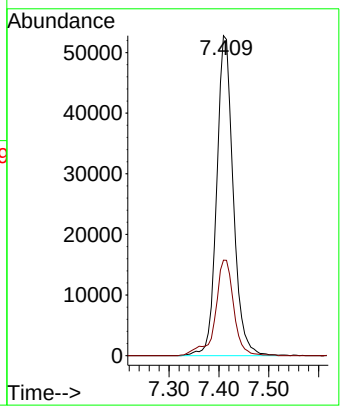


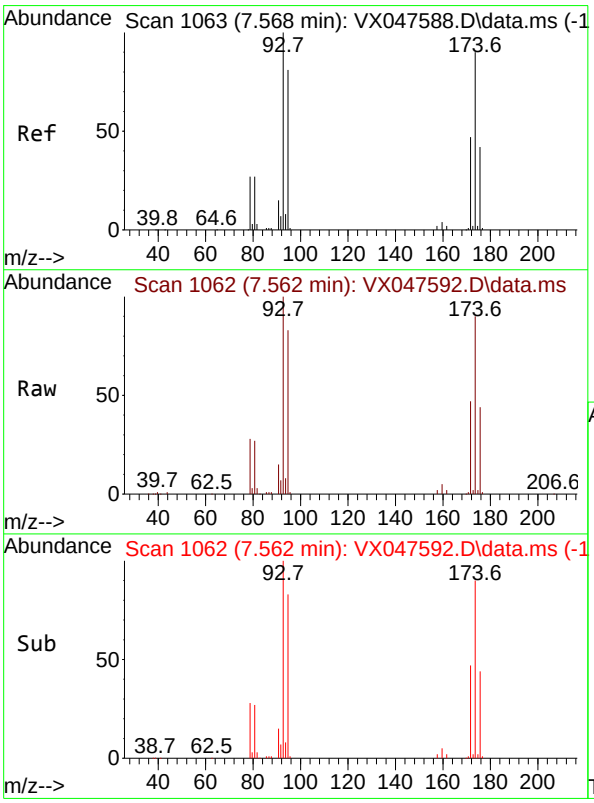
#45
1,2-Dichloropropane
Concen: 48.053 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 63 Resp: 121532

Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.7	37.1

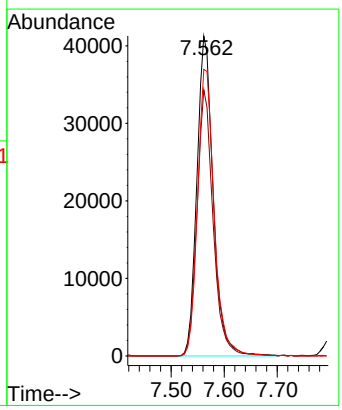


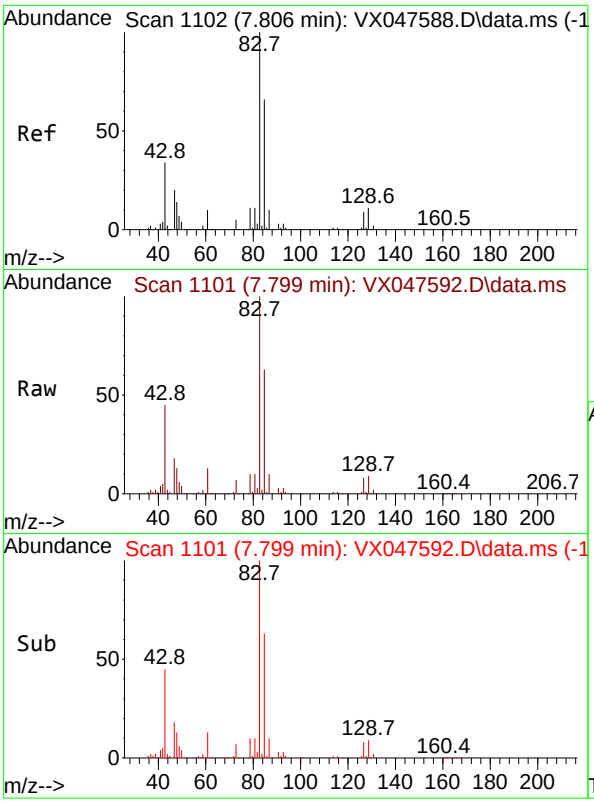


#46
Dibromomethane
Concen: 47.976 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 93 Resp: 88297

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.0	97.6
174	91.3	71.6	107.4



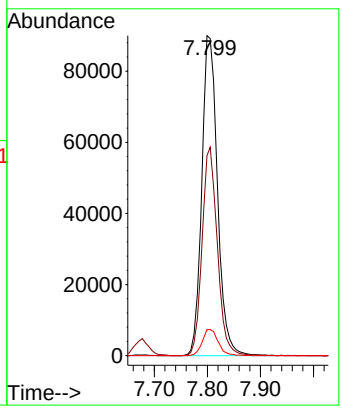


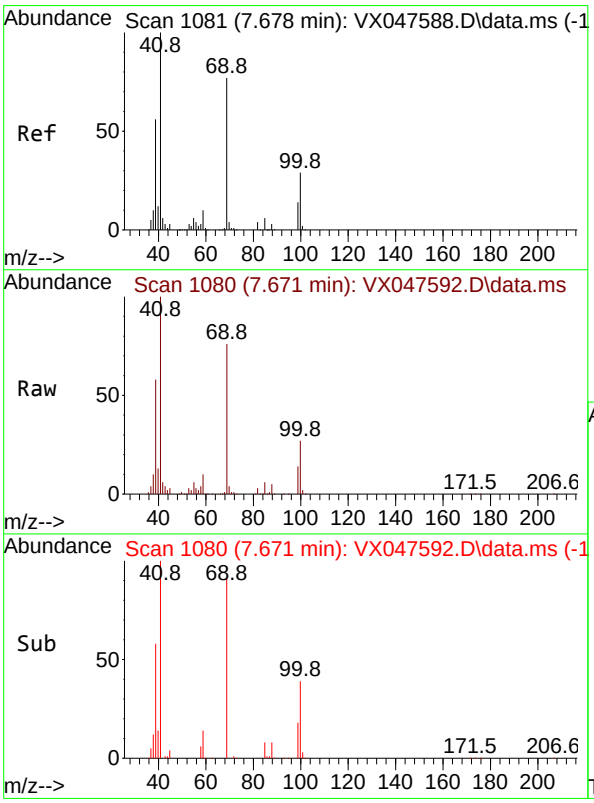
#47
Bromodichloromethane
Concen: 48.769 ug/l
RT: 7.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 83 Resp: 185219

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.5	78.7
127	8.1	6.9	10.3

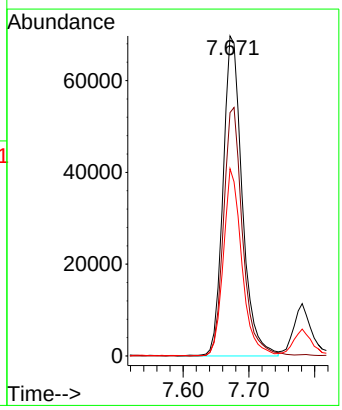


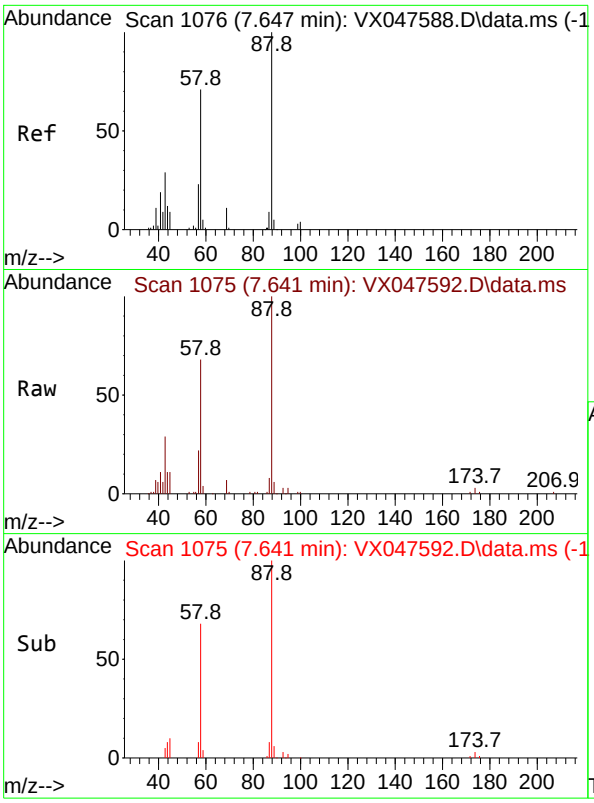


#48
Methyl methacrylate
Concen: 49.757 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 141532

Ion	Ratio	Lower	Upper
41	100		
69	77.1	61.4	92.2
39	56.4	45.8	68.6





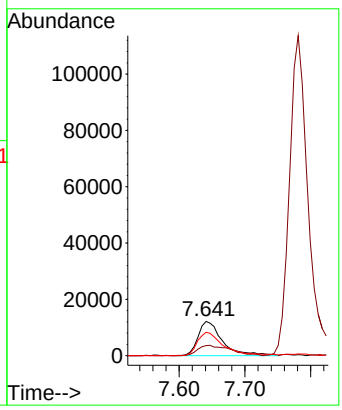
#49
1,4-Dioxane
Concen: 1089.520 ug/l
RT: 7.641 min Scan# 1

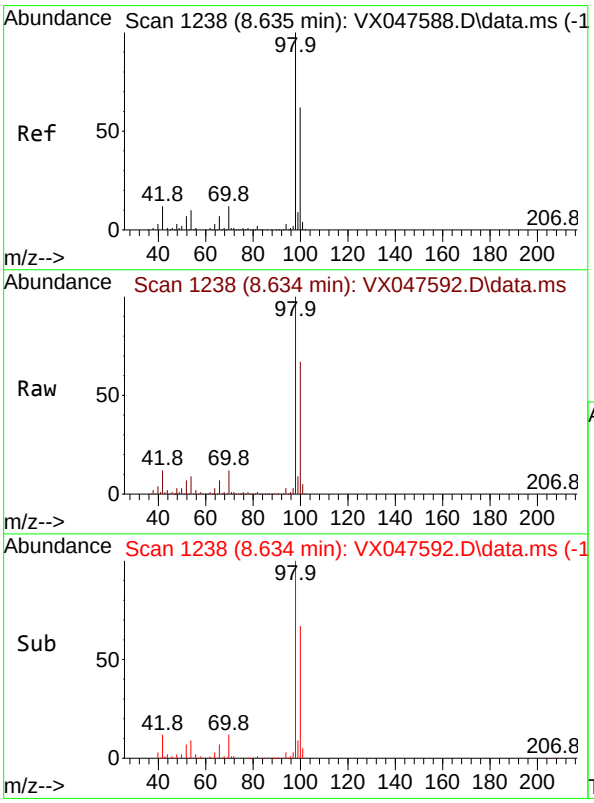
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 88 Resp: 31320

Ion	Ratio	Lower	Upper
88	100		
43	40.9	30.2	45.2
58	74.1	59.5	89.3

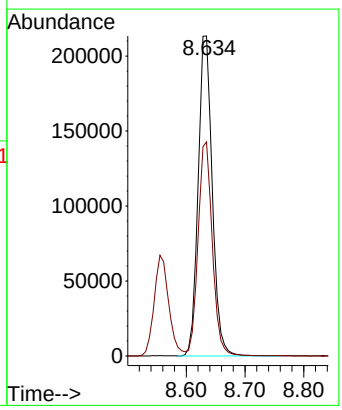


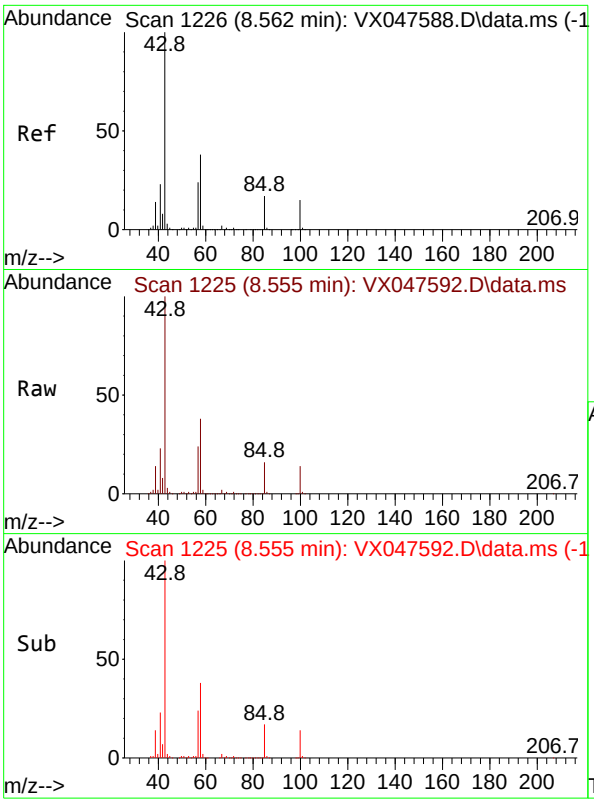


#50
Toluene-d8
Concen: 46.411 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 98 Resp: 357393

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4



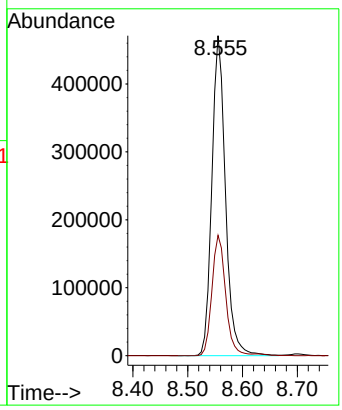


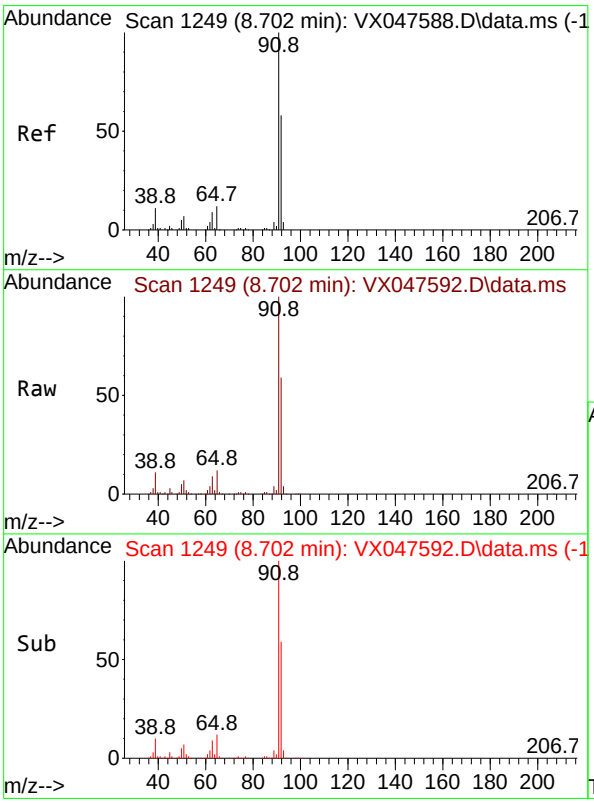
#51
4-Methyl-2-Pentanone
Concen: 255.752 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 809759

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5

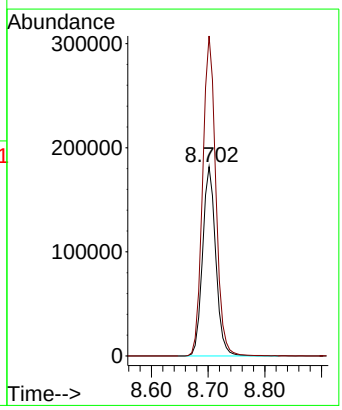


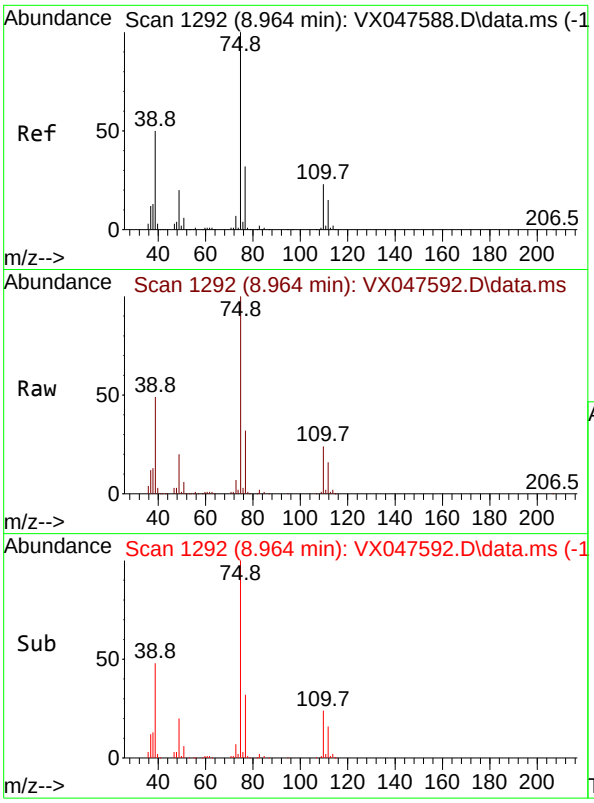


#52
Toluene
Concen: 48.130 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 92 Resp: 292879

Ion	Ratio	Lower	Upper
92	100		
91	169.4	137.1	205.7



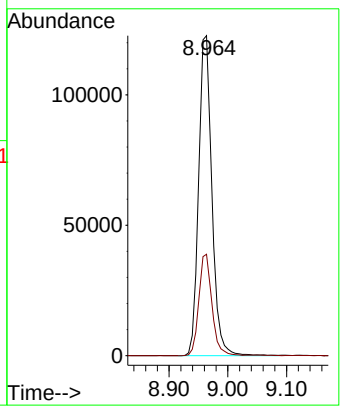


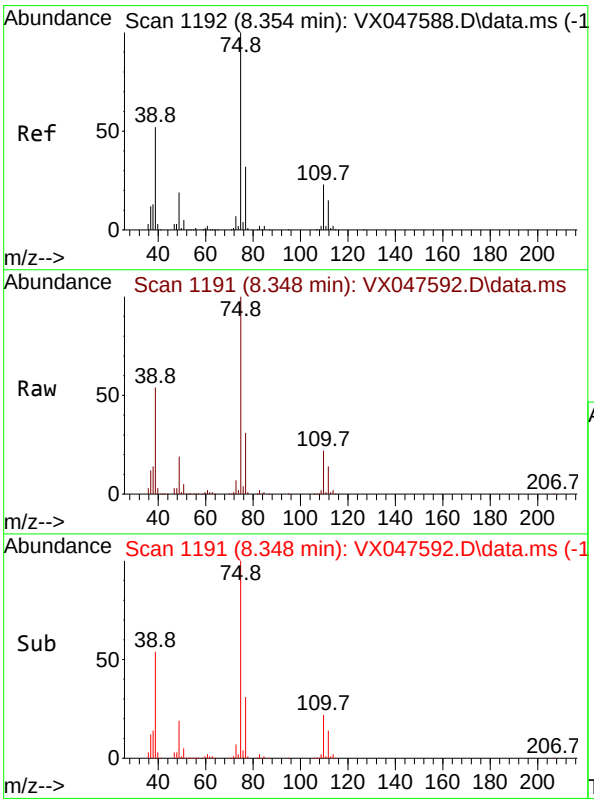
#53
t-1,3-Dichloropropene
Concen: 49.527 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 75 Resp: 191863

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2

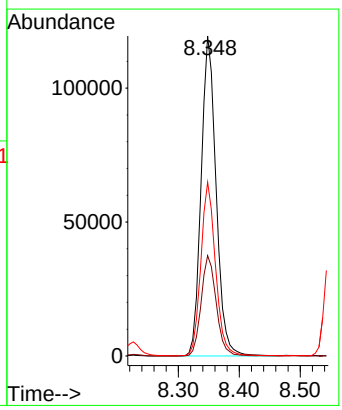


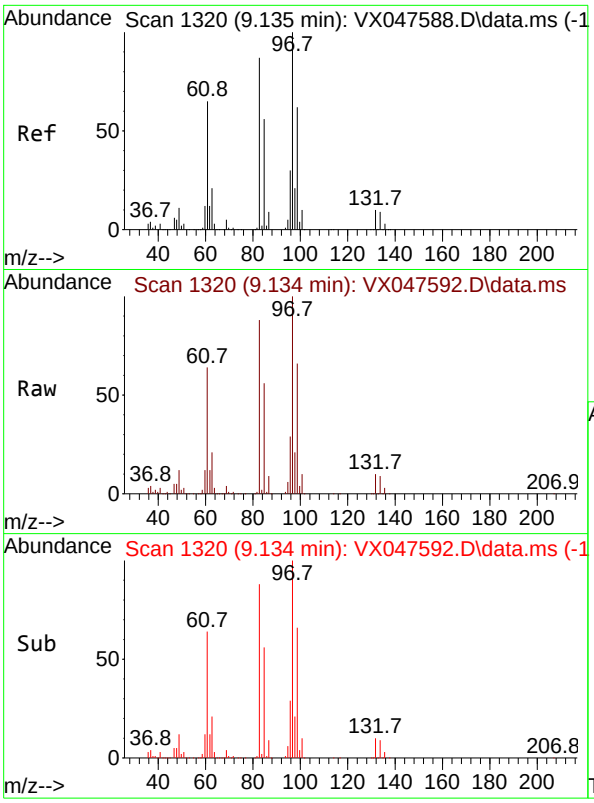


#54
cis-1,3-Dichloropropene
Concen: 49.257 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 203954

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	54.2	41.4	62.2



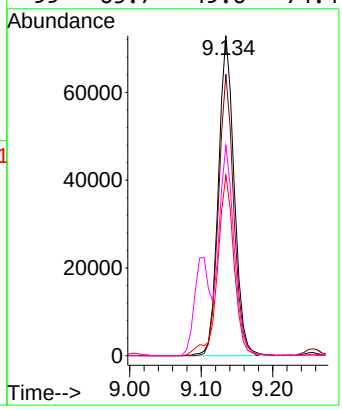


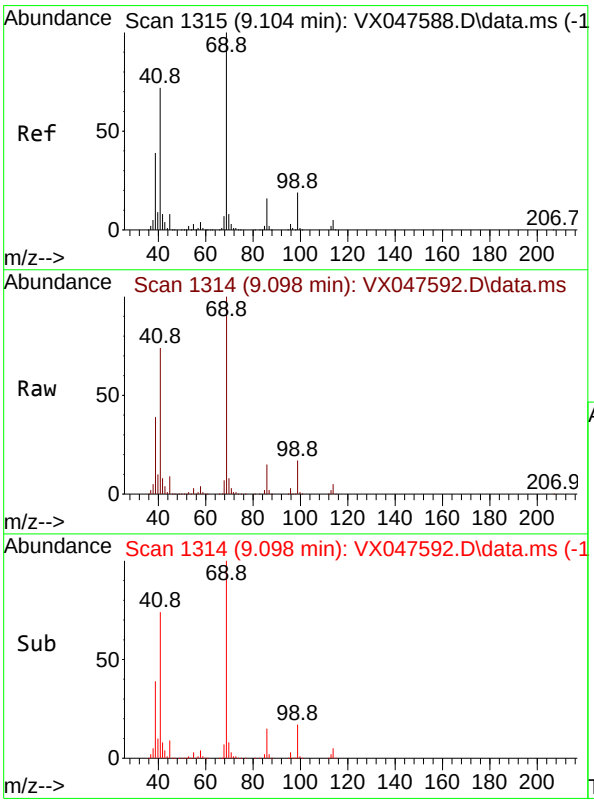
#55
1,1,2-Trichloroethane
Concen: 47.772 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 97 Resp: 112094

Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.6	104.4
85	56.4	45.0	67.6
99	65.7	49.6	74.4

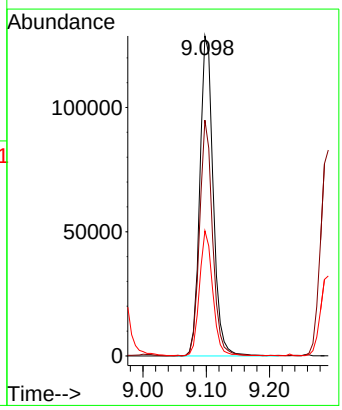


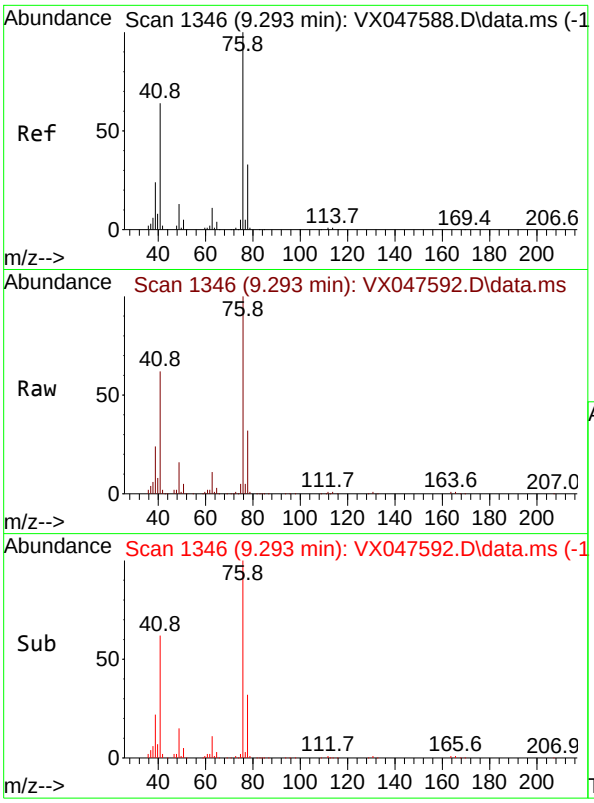


#56
Ethyl methacrylate
Concen: 51.490 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 69 Resp: 189741

Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.6	87.8
39	39.0	31.5	47.3



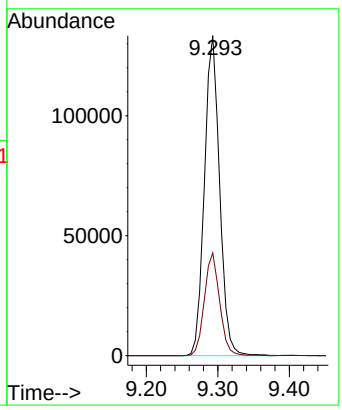


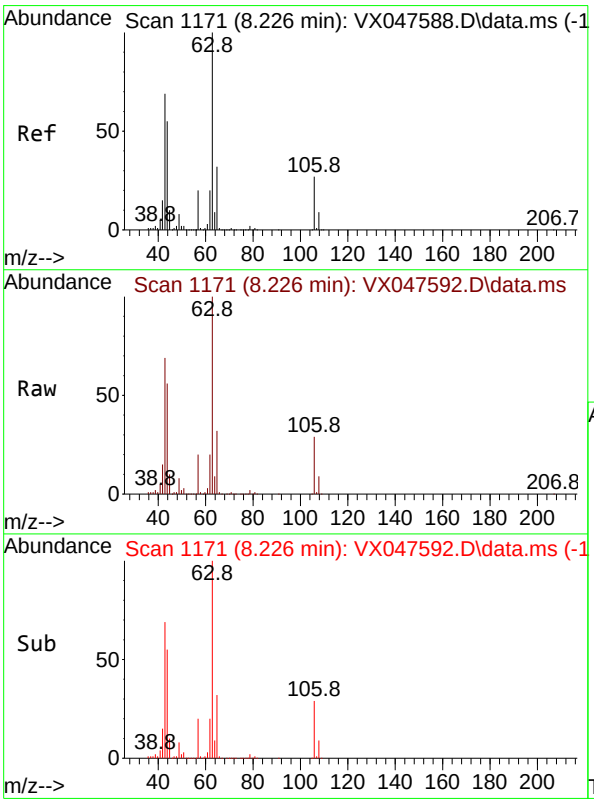
#57
1,3-Dichloropropane
Concen: 48.894 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 76 Resp: 197079

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4

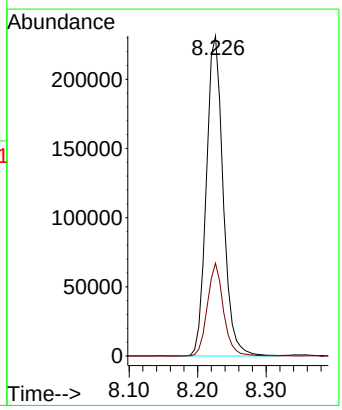


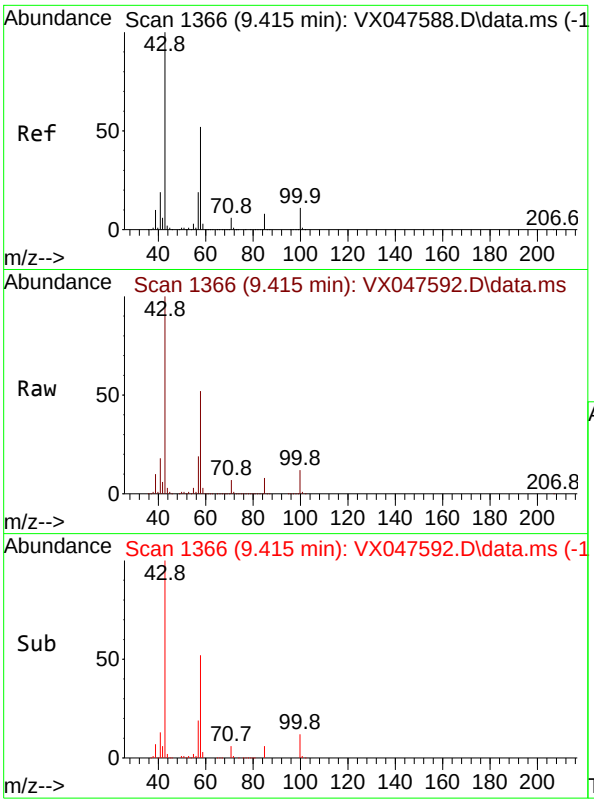


#58
2-Chloroethyl Vinyl ether
Concen: 225.562 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 394205

Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.9	32.9



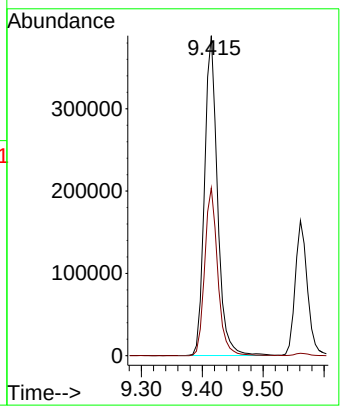


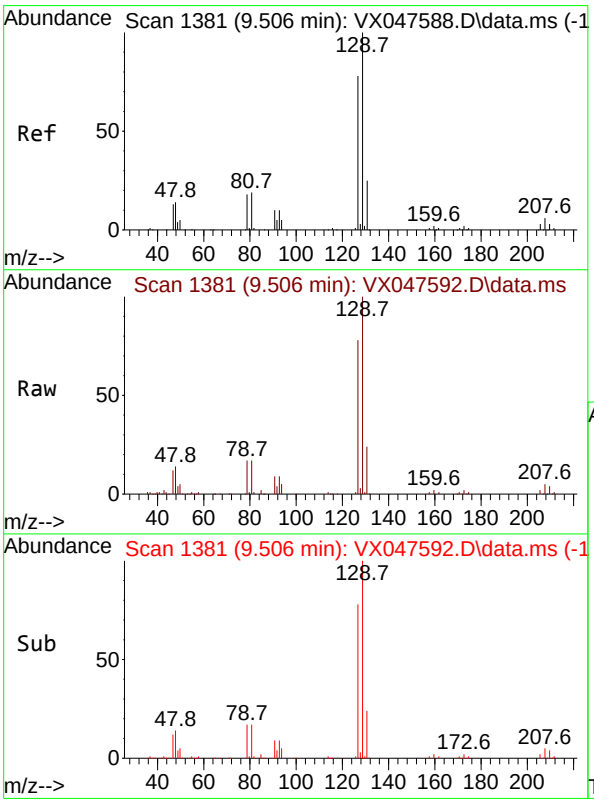
#59
2-Hexanone
Concen: 253.126 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 575599

Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.1	78.2

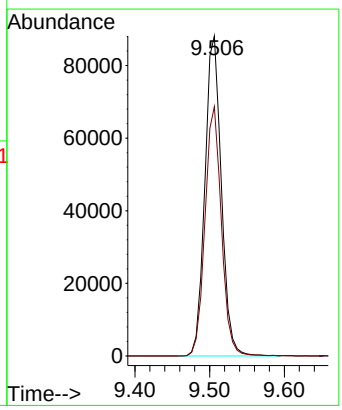


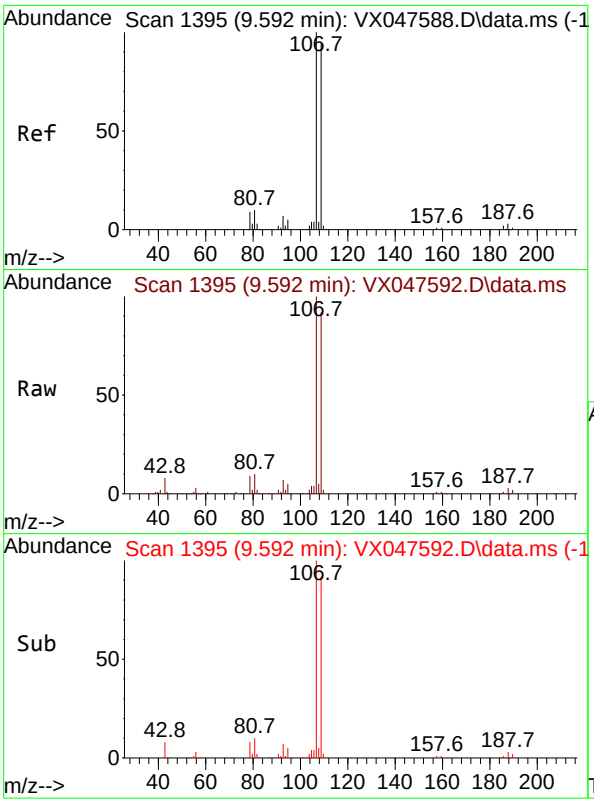


#60
Dibromochloromethane
Concen: 49.824 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:129 Resp: 134704

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.4	115.2



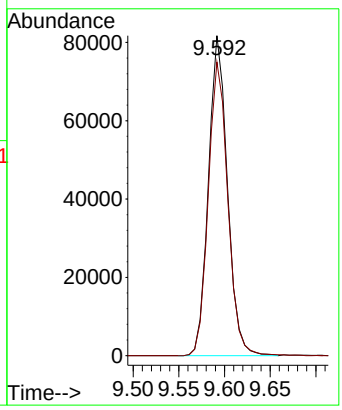


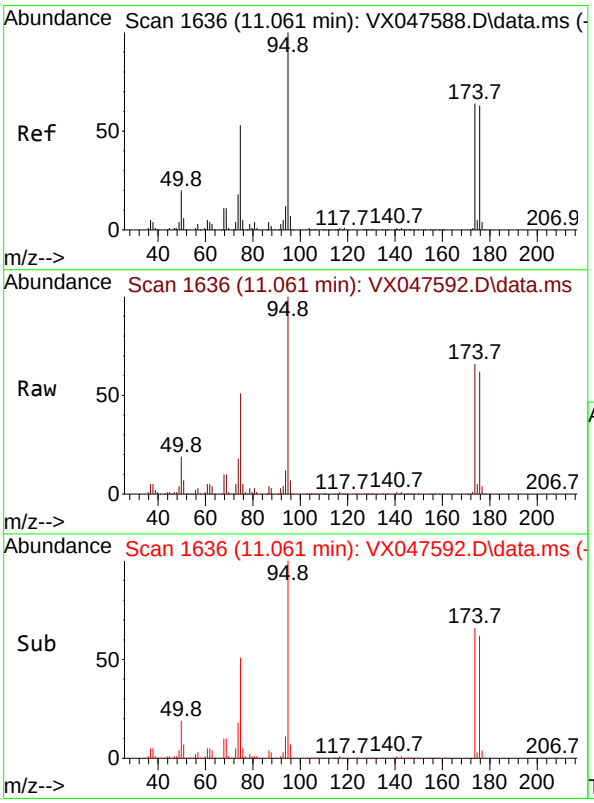
#61
1,2-Dibromoethane
Concen: 49.297 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:107 Resp: 117817

Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.3	112.9

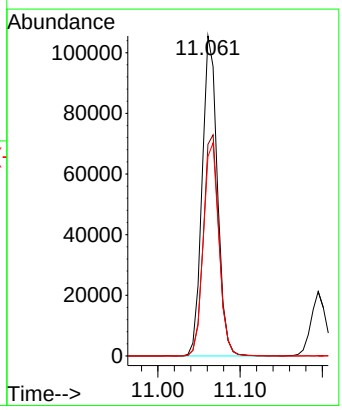


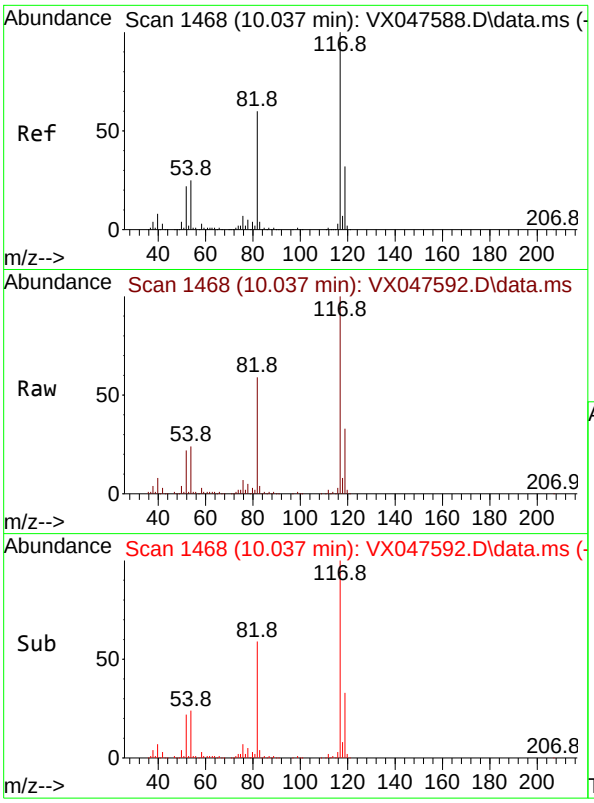


#62
4-Bromofluorobenzene
Concen: 46.520 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 95 Resp: 135957

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	141.6
176	68.0	0.0	138.4



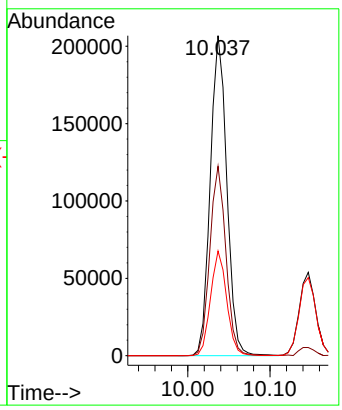


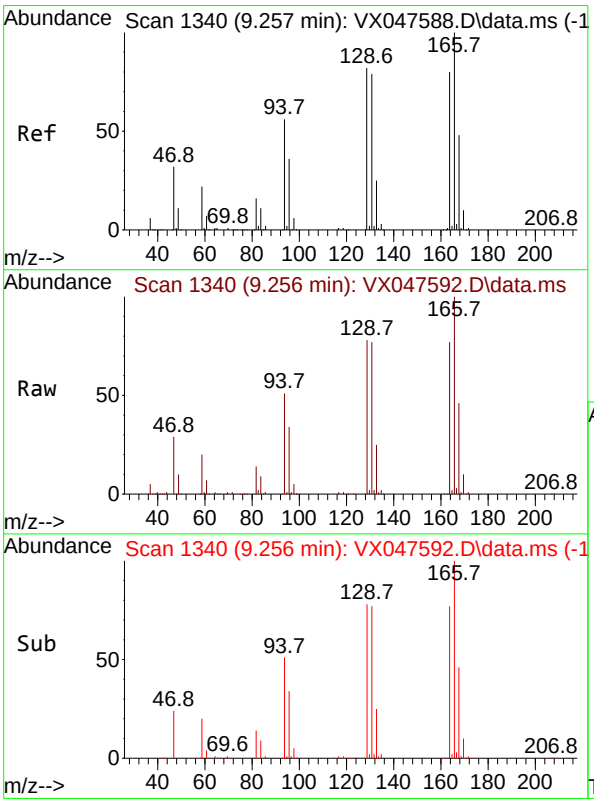
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:117 Resp: 288660

Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.8	71.6
119	32.7	25.2	37.8

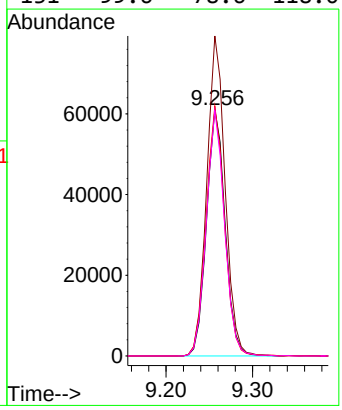


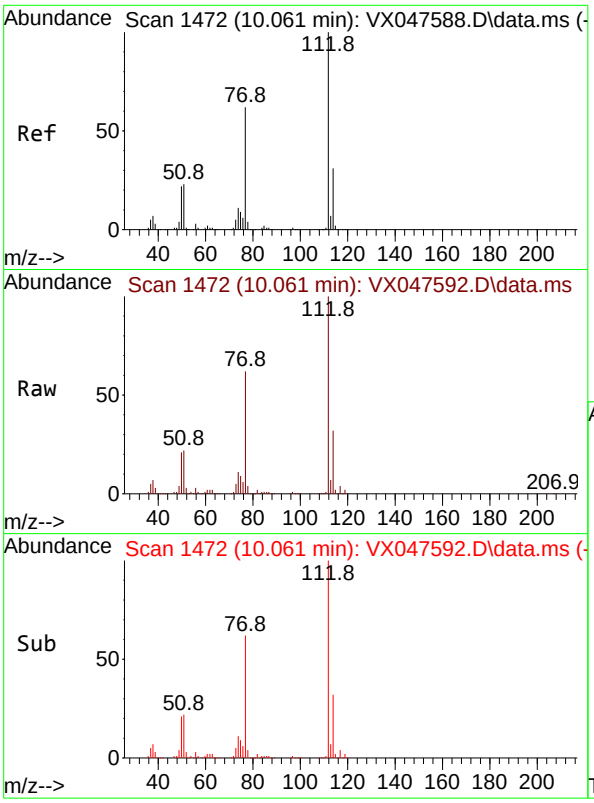


#64
Tetrachloroethene
Concen: 48.296 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:164 Resp: 90881

Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.2	150.2
129	101.3	81.8	122.6
131	99.6	78.6	118.0



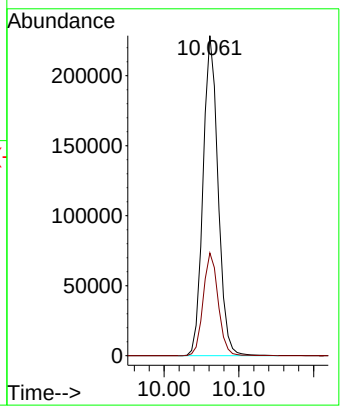


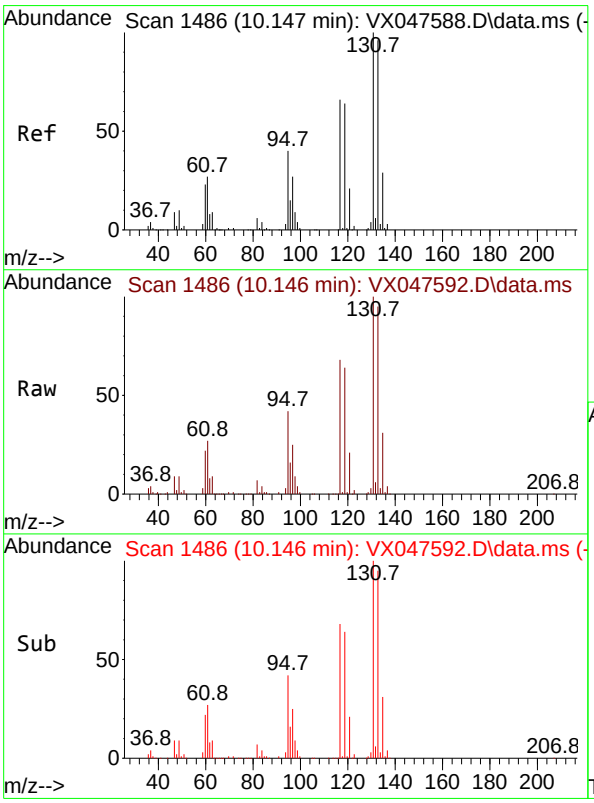
#65
Chlorobenzene
Concen: 48.549 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:112 Resp: 318372

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.1	37.7

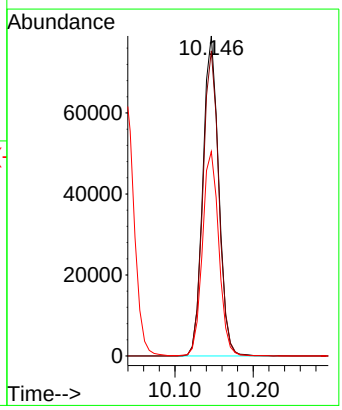


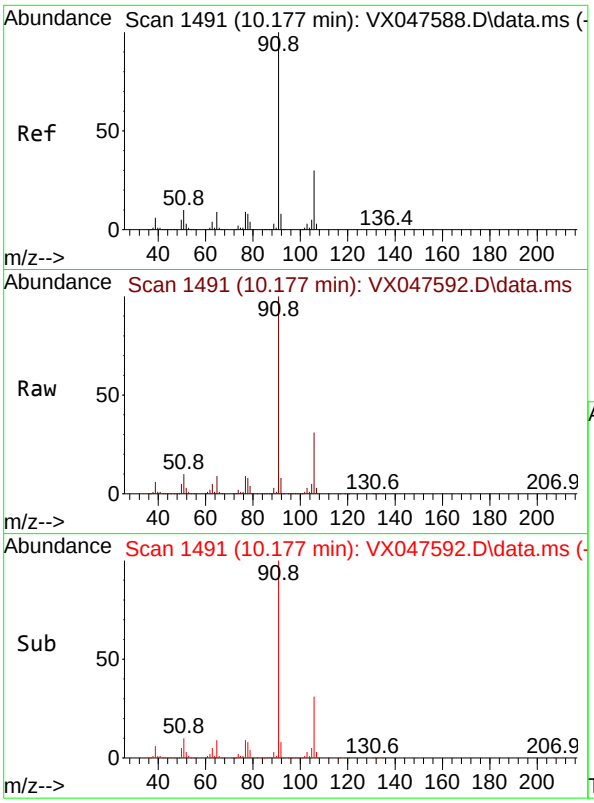


#66
1,1,1,2-Tetrachloroethane
Concen: 48.794 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:131 Resp: 110416

Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	142.0
119	66.3	32.0	96.0



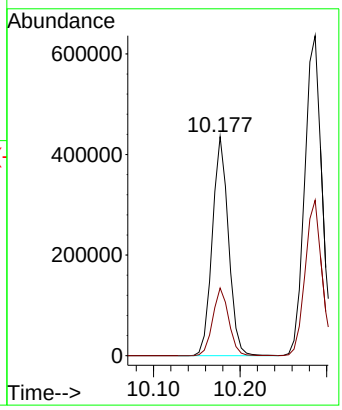


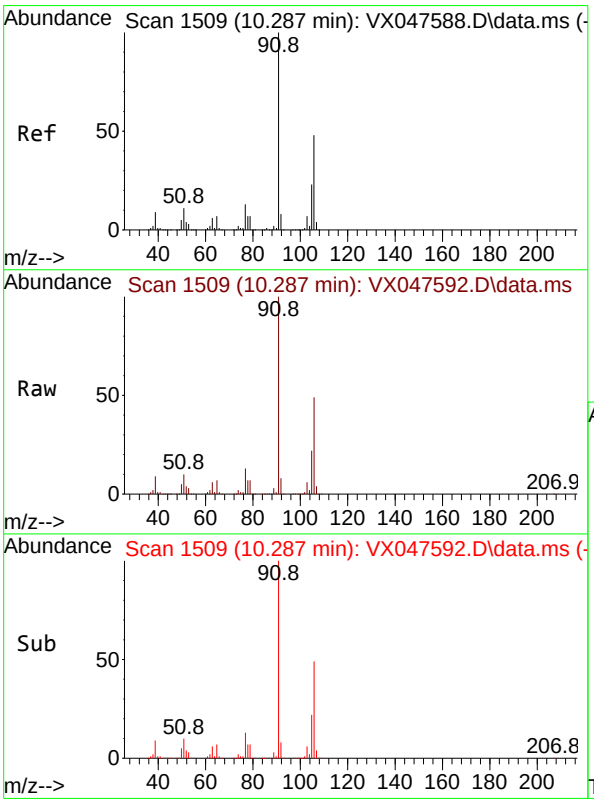
#67
Ethyl Benzene
Concen: 49.813 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 91 Resp: 563634

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5

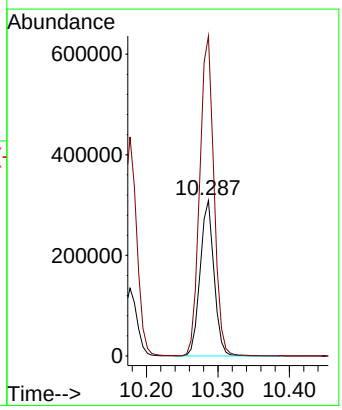


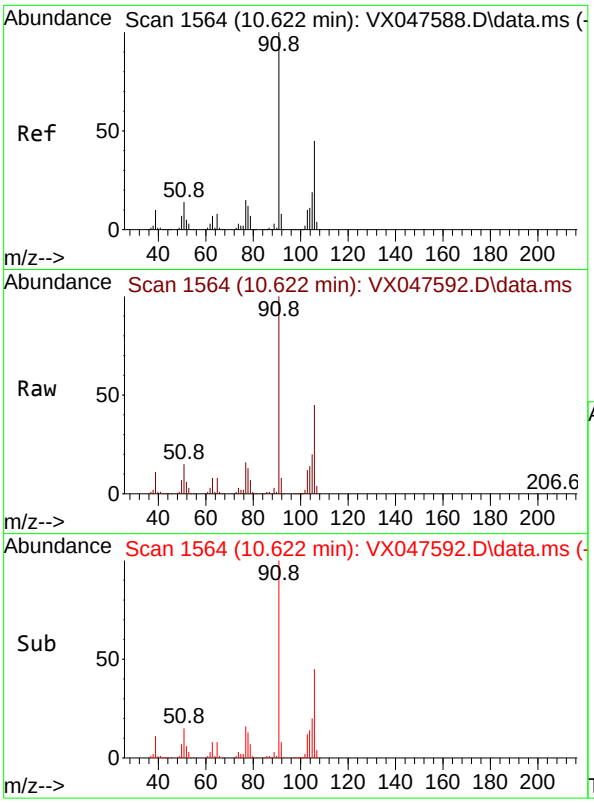


#68
m/p-Xylenes
Concen: 98.956 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:106 Resp: 416757

Ion	Ratio	Lower	Upper
106	100		
91	211.1	167.8	251.8



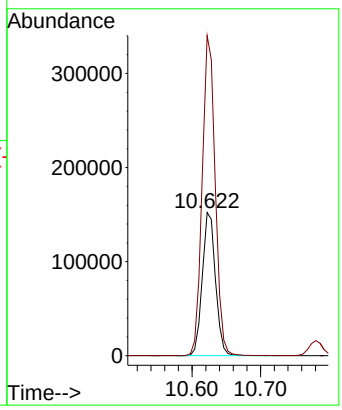


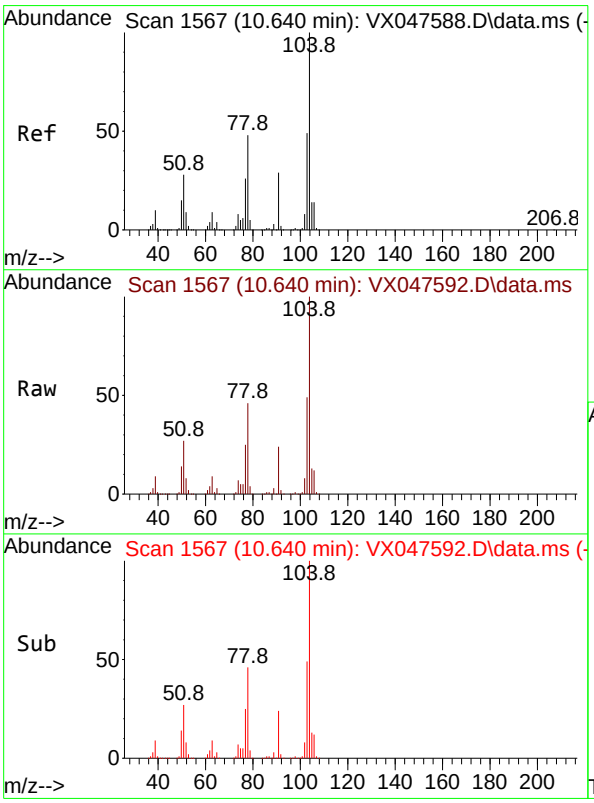
#69
o-Xylene
Concen: 50.159 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:106 Resp: 204323

Ion	Ratio	Lower	Upper
106	100		
91	221.0	111.1	333.4

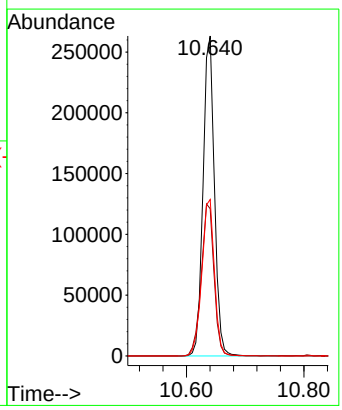


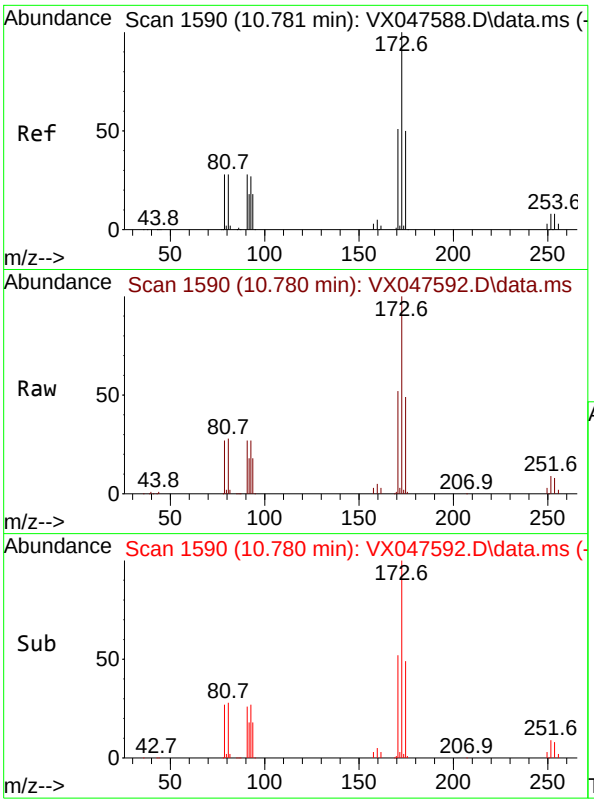


#70
Styrene
Concen: 49.536 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:104 Resp: 353567

Ion	Ratio	Lower	Upper
104	100		
78	53.4	43.1	64.7
103	54.3	43.1	64.7



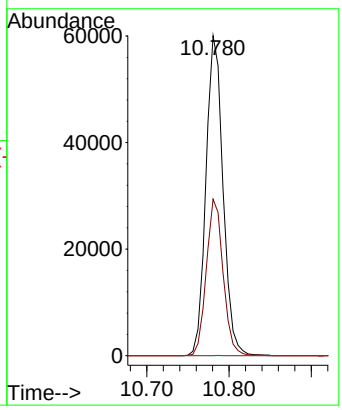


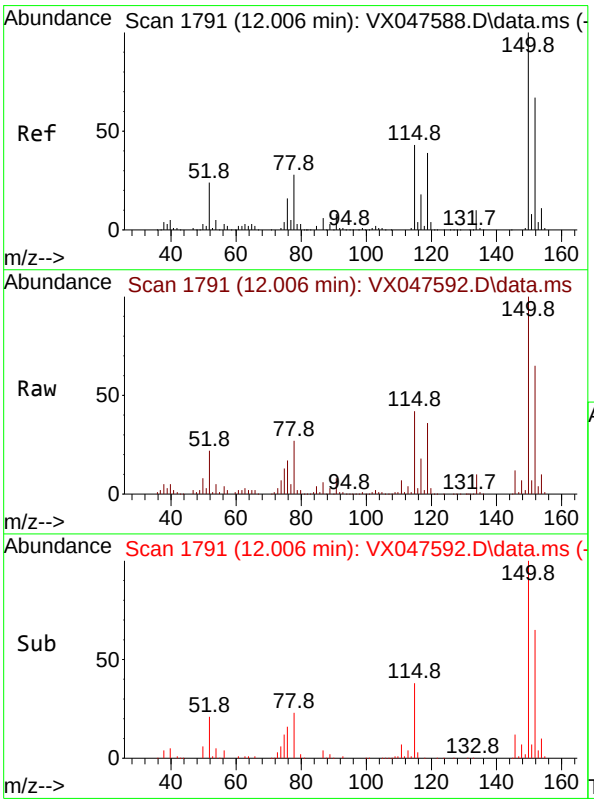
#71
Bromoform
Concen: 51.207 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:173 Resp: 86524

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.9	74.6
254	0.0	0.1	0.1#

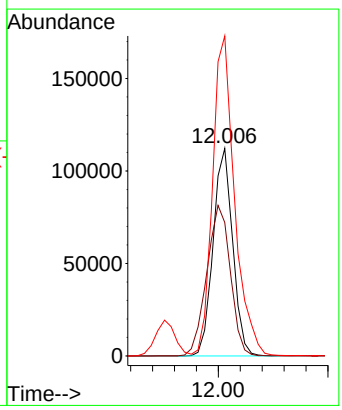


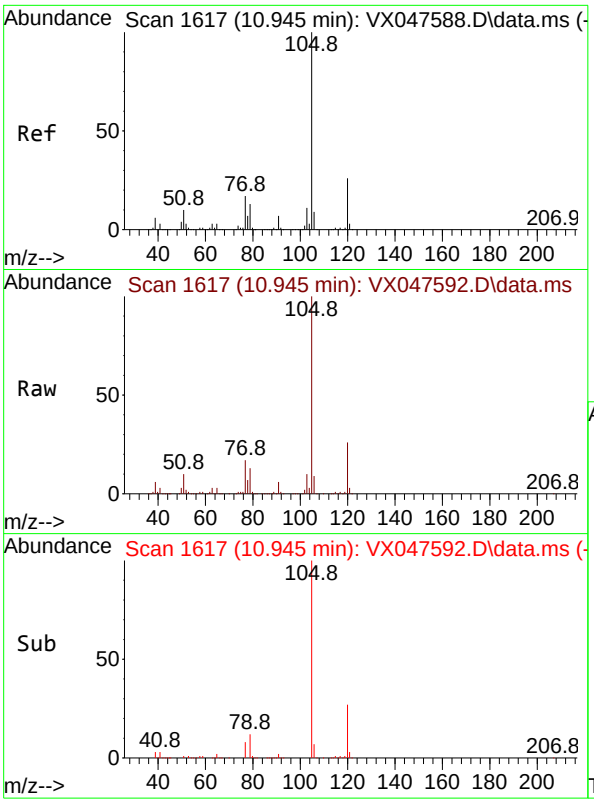


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:152 Resp: 139252

Ion	Ratio	Lower	Upper
152	100		
115	87.5	44.9	134.5
150	173.5	0.0	352.0



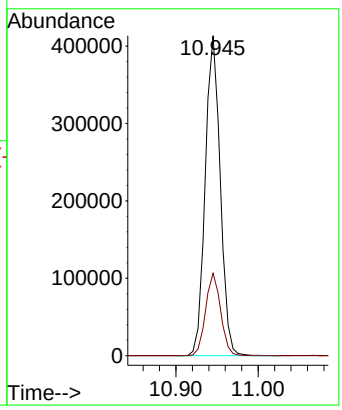


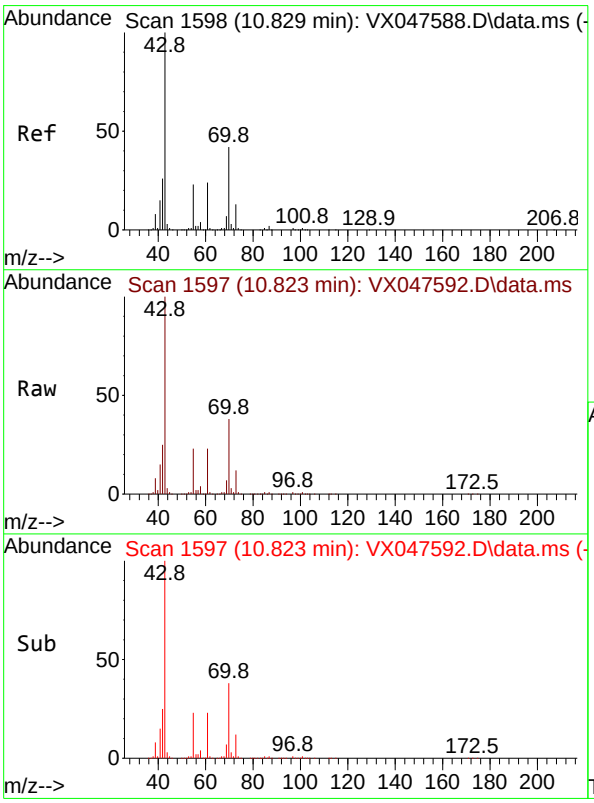
#73
Isopropylbenzene
Concen: 49.479 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:105 Resp: 523826

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4

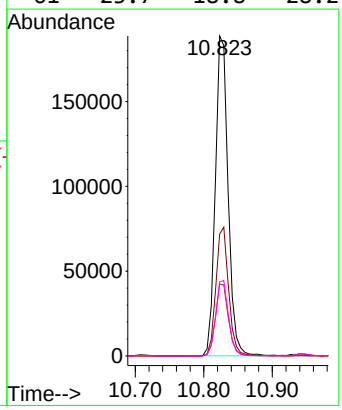


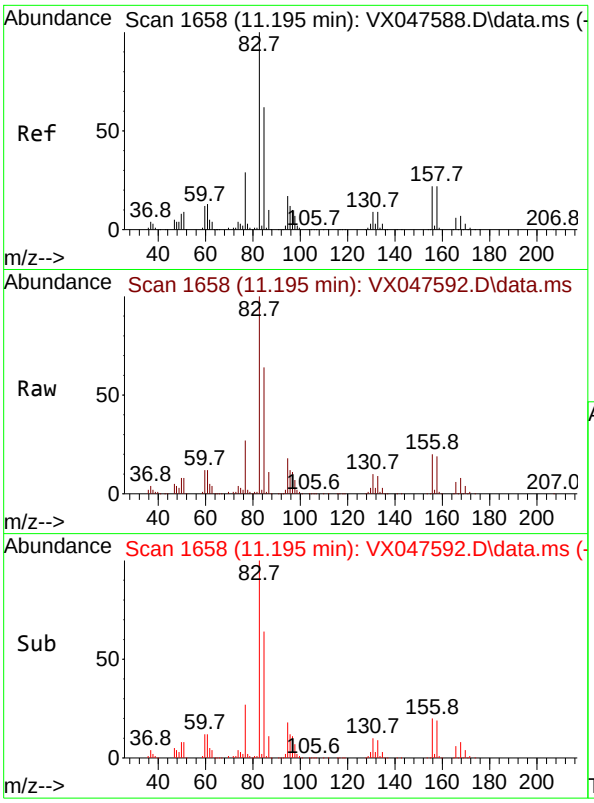


#74
N-amyl acetate
Concen: 50.375 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 243198

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.0	48.0
55	23.2	18.9	28.3
61	23.7	18.8	28.2



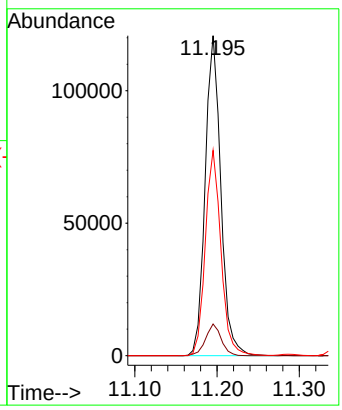


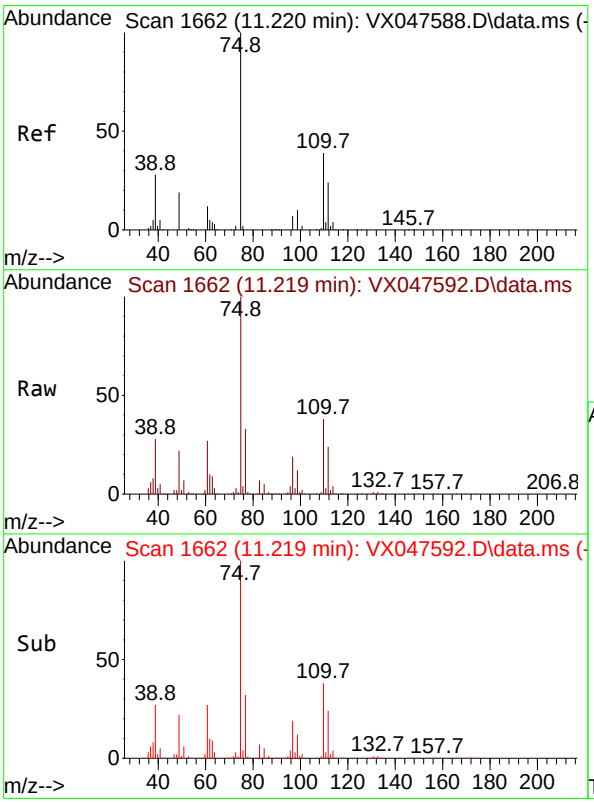
#75
1,1,2,2-Tetrachloroethane
Concen: 49.851 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 83 Resp: 159676

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.2	31.6	95.0

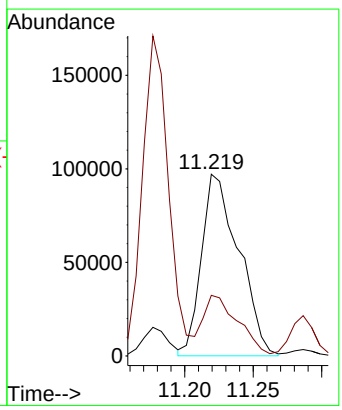


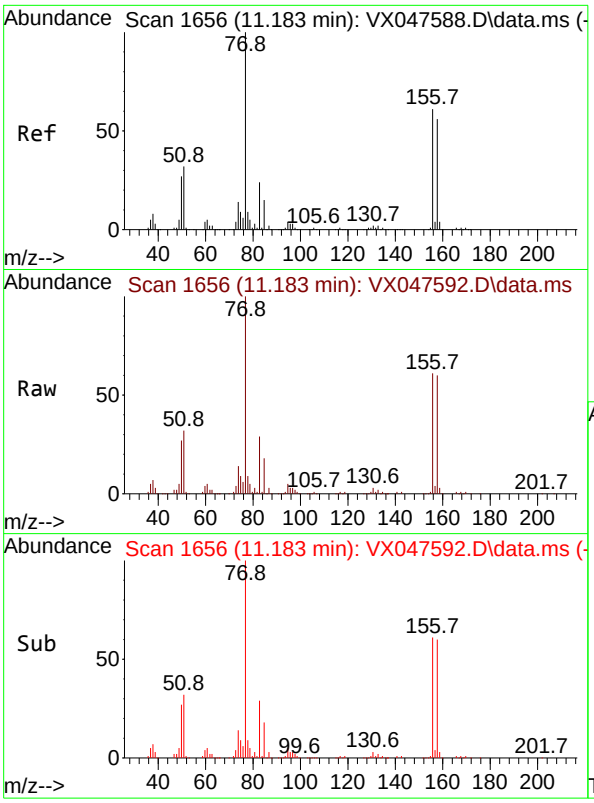


#76
1,2,3-Trichloropropane
Concen: 65.262 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 184000

Ion	Ratio	Lower	Upper
75	100		
77	30.9	18.8	56.4



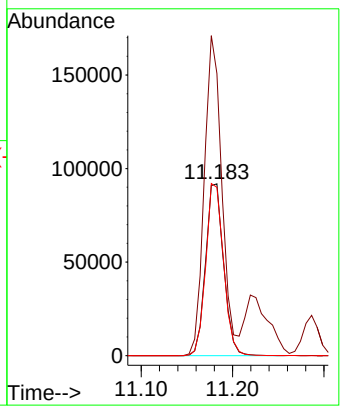


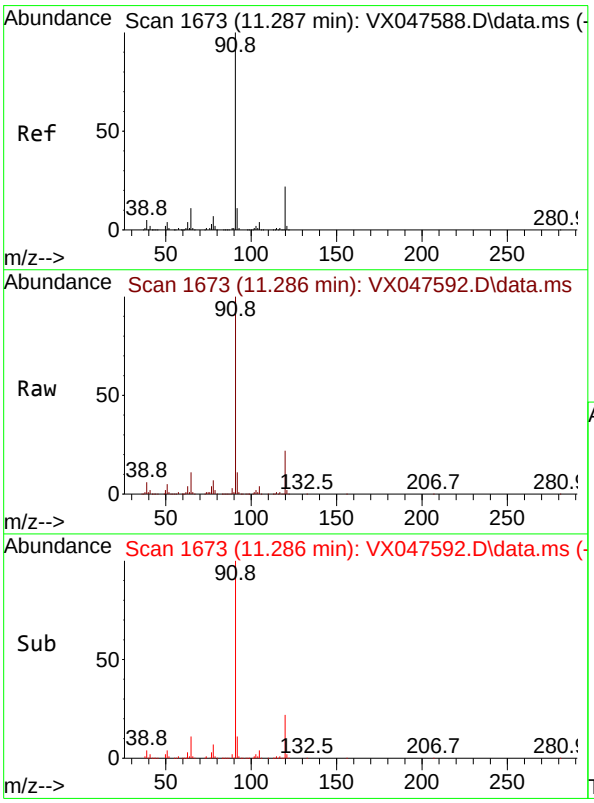
#77
Bromobenzene
Concen: 48.173 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:156 Resp: 125610

Ion	Ratio	Lower	Upper
156	100		
77	182.2	89.7	269.1
158	99.0	47.9	143.6

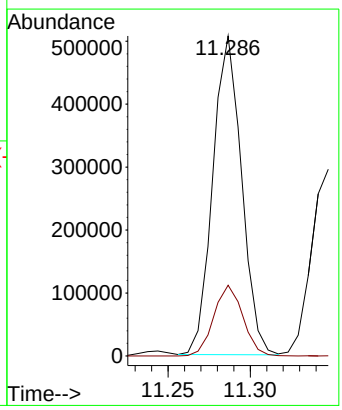


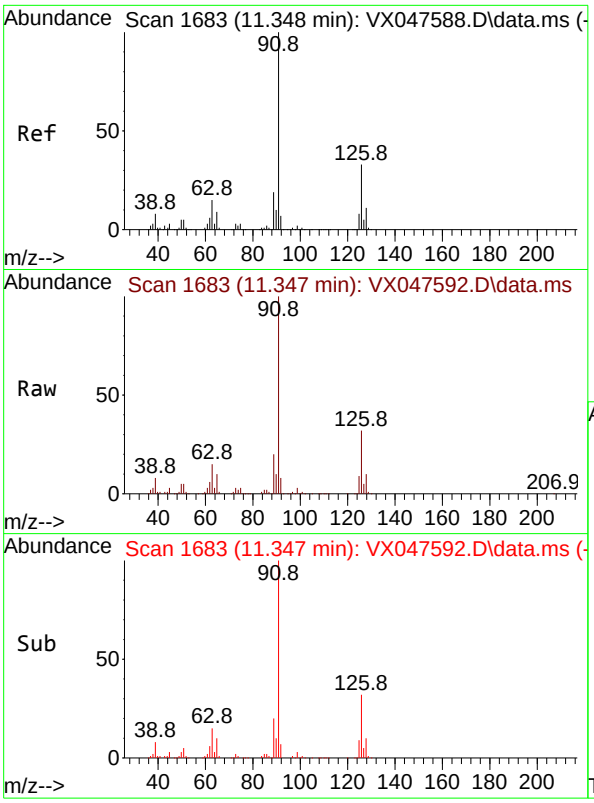


#78
n-propylbenzene
Concen: 49.295 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 616928

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1



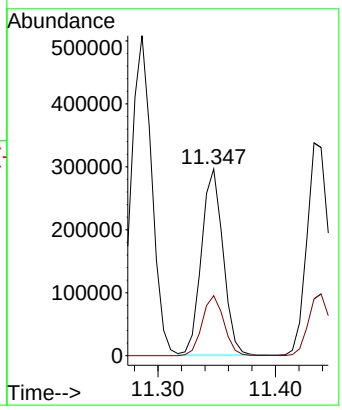


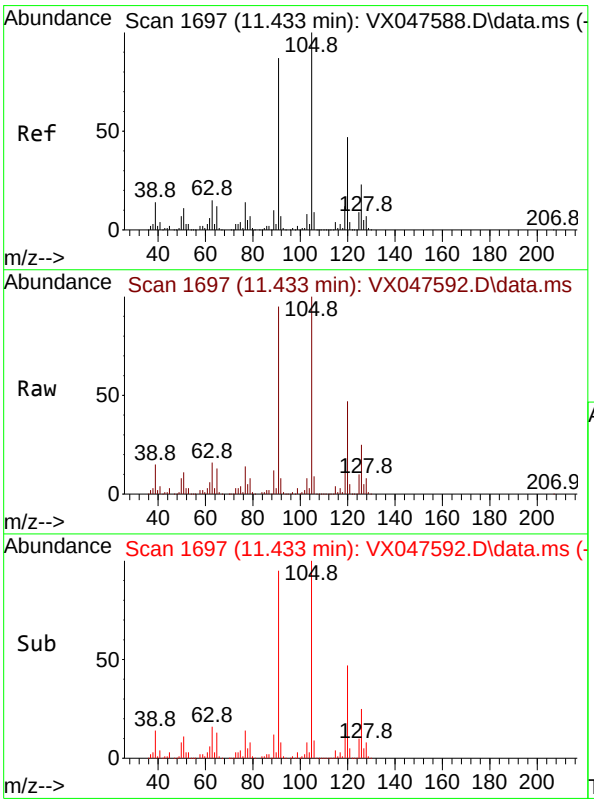
#79
2-Chlorotoluene
Concen: 49.117 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 91 Resp: 376486

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.3

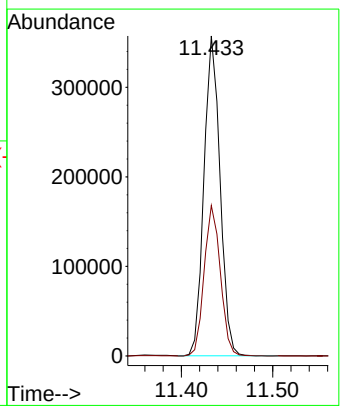


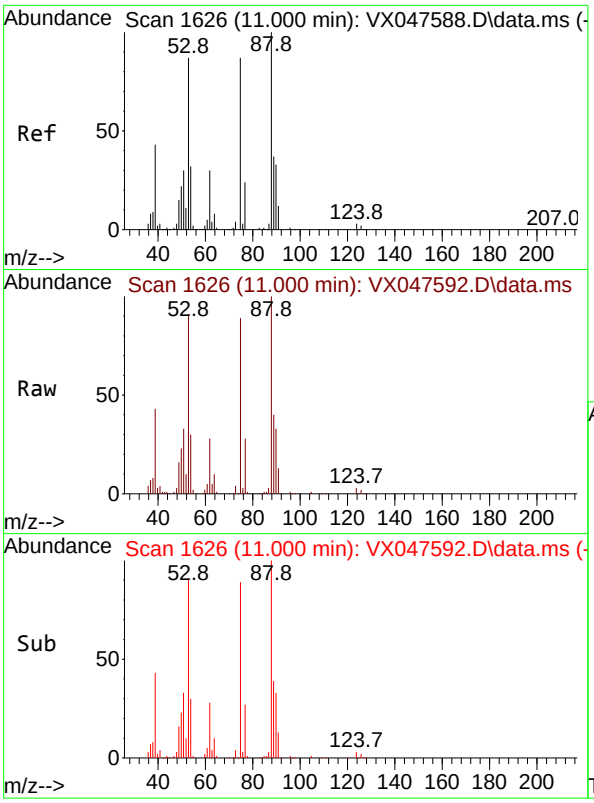


#80
1,3,5-Trimethylbenzene
Concen: 50.055 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 435375

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.6	70.8



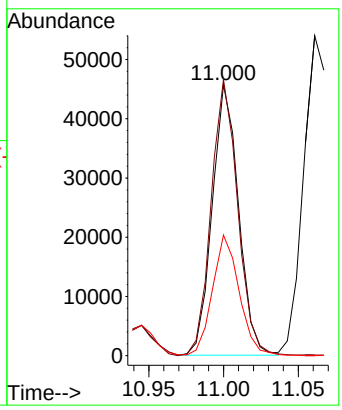


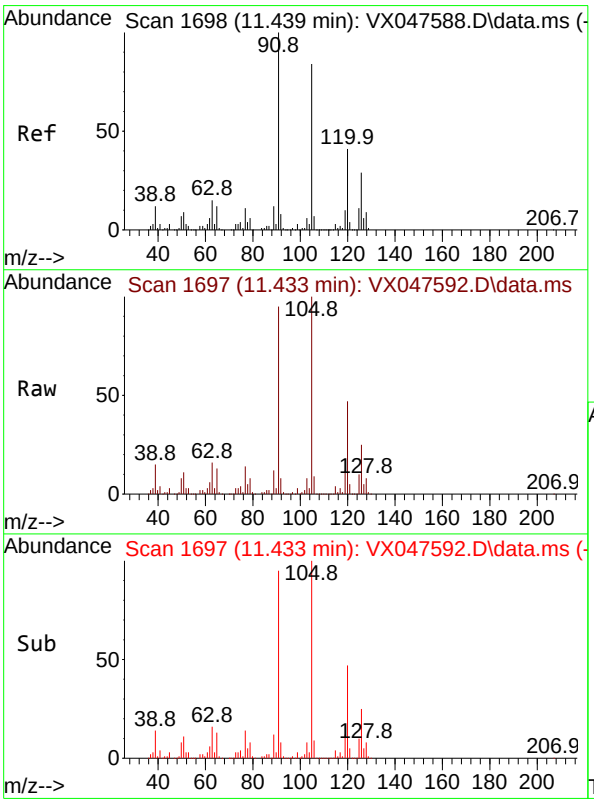
#81
trans-1,4-Dichloro-2-butene
Concen: 50.543 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 75 Resp: 55880

Ion	Ratio	Lower	Upper
75	100		
53	103.4	83.4	125.2
89	45.4	36.3	54.5

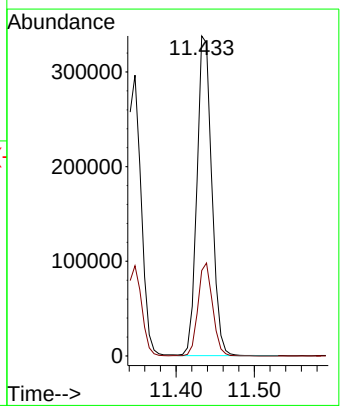


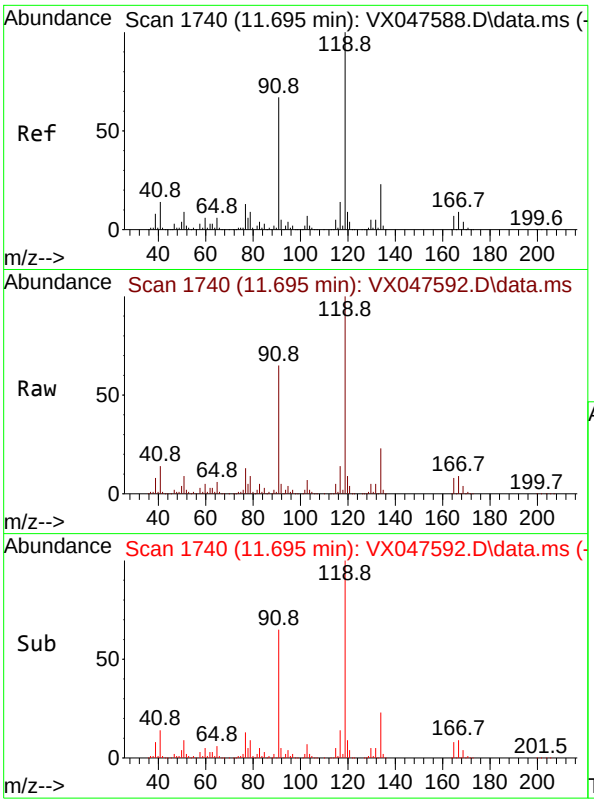


#82
4-Chlorotoluene
Concen: 49.164 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 445075

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6



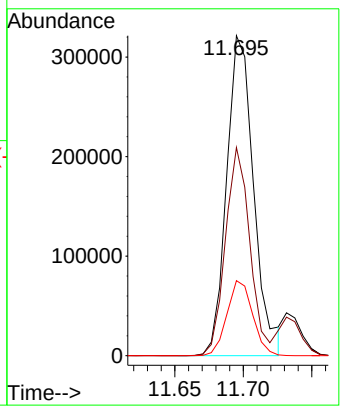


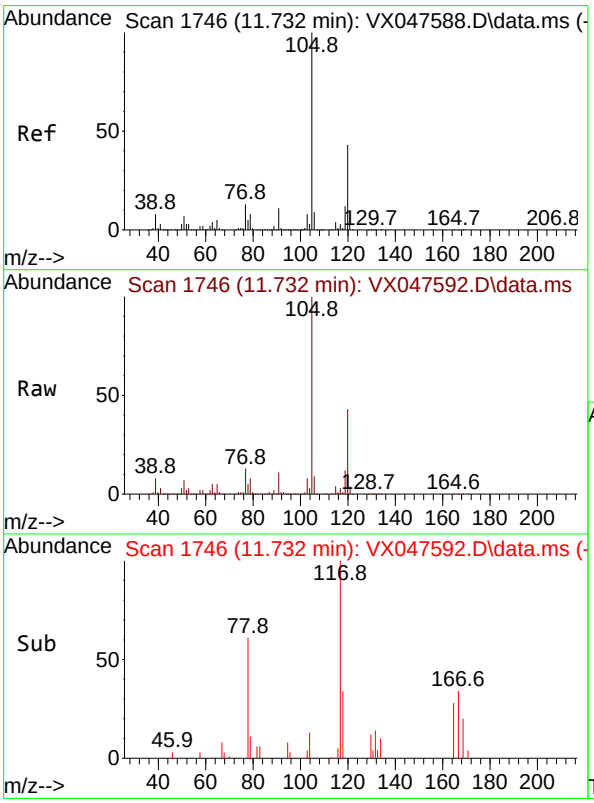
#83
tert-Butylbenzene
Concen: 49.679 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:119 Resp: 442341

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0

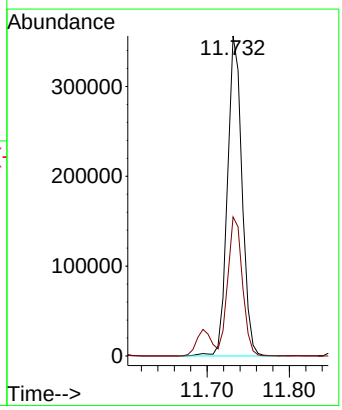


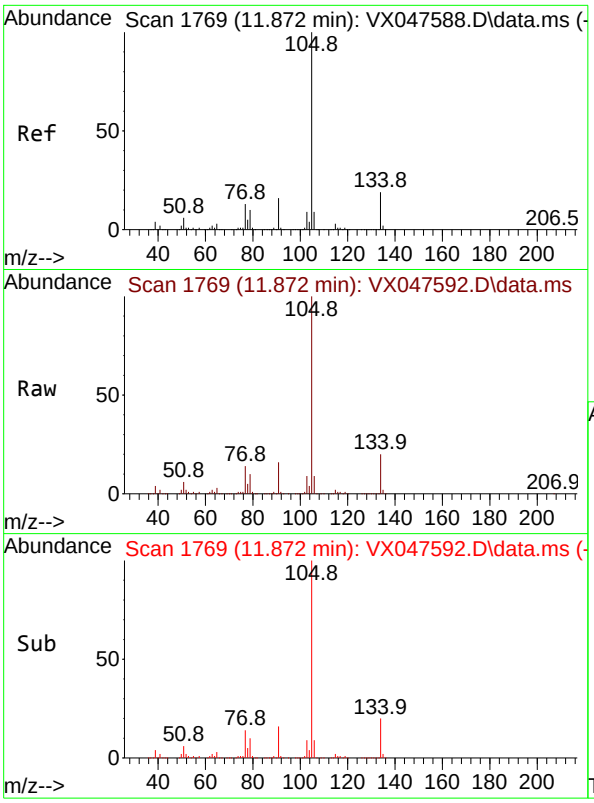


#84
1,2,4-Trimethylbenzene
Concen: 49.911 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 440134

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.1



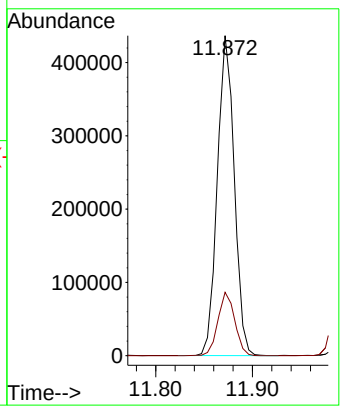


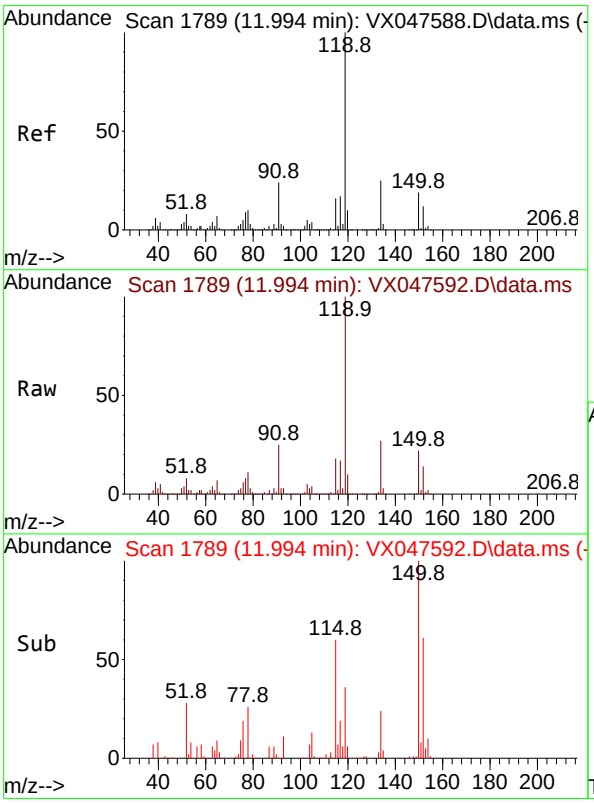
#85
sec-Butylbenzene
Concen: 50.100 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:105 Resp: 529869

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

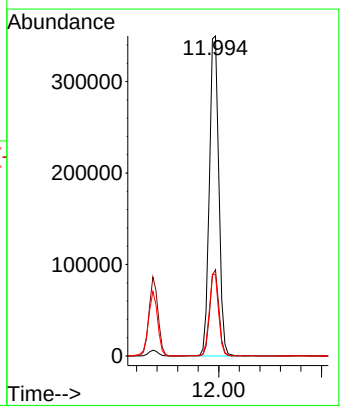


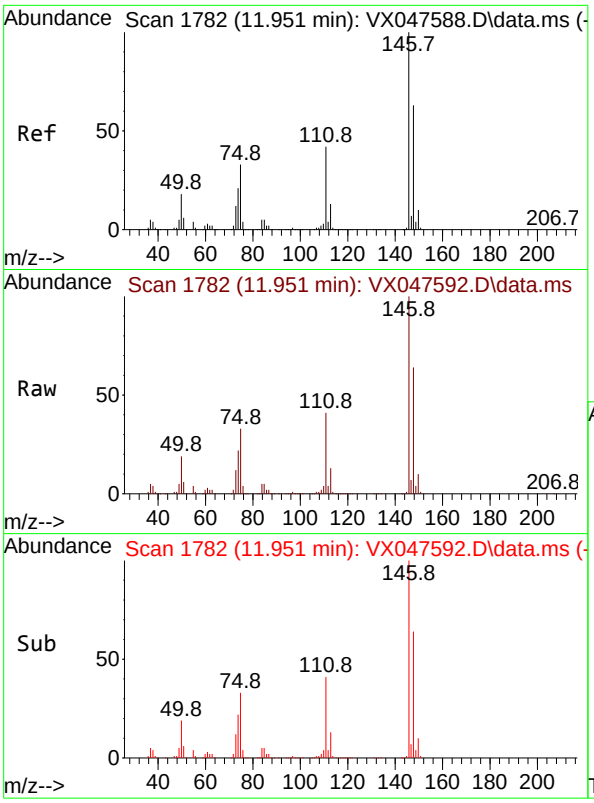


#86
p-Isopropyltoluene
Concen: 49.861 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:119 Resp: 446441

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.4	12.6	37.6



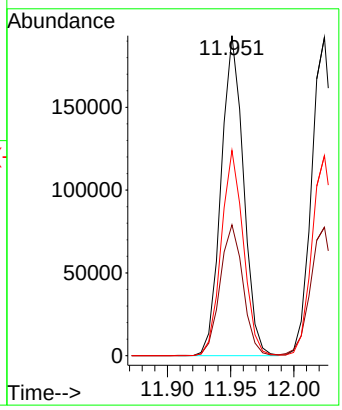


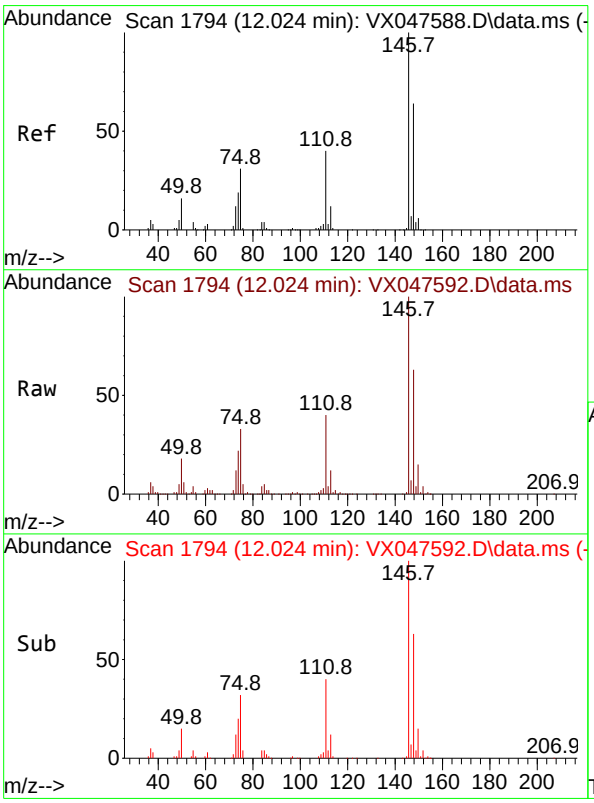
#87
1,3-Dichlorobenzene
Concen: 49.014 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:146 Resp: 237383

Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.5	64.5
148	63.5	32.0	96.0

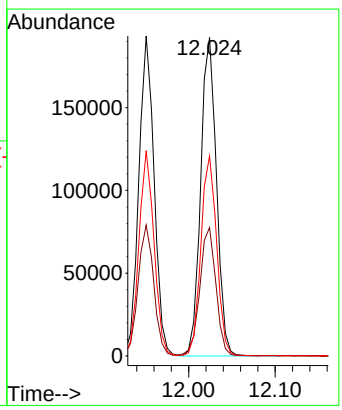


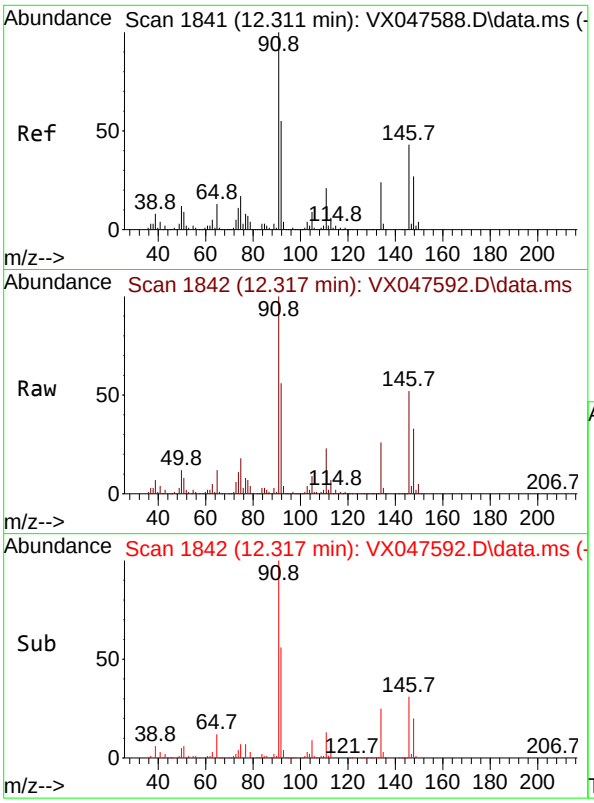


#88
1,4-Dichlorobenzene
Concen: 49.011 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:146 Resp: 243618

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	62.7	31.7	95.1



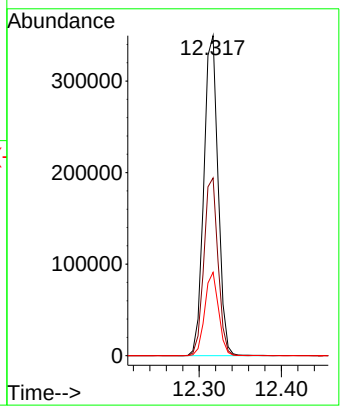


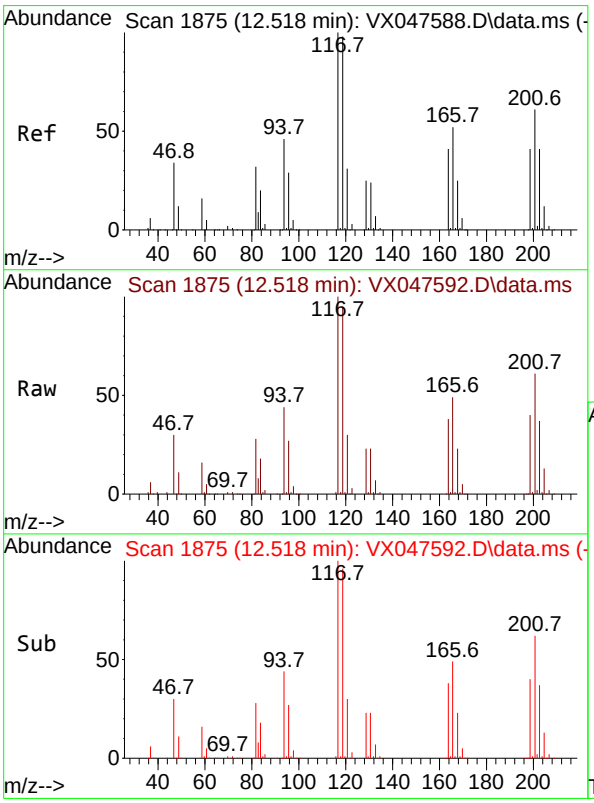
#89
n-Butylbenzene
Concen: 50.752 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 91 Resp: 420478

Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.3	12.6	37.8

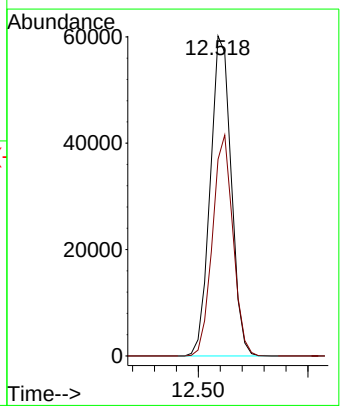


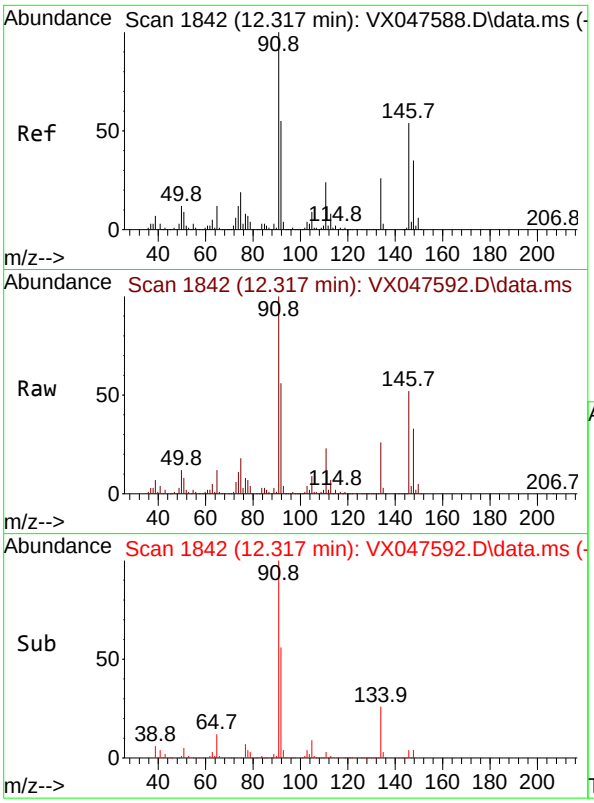


#90
Hexachloroethane
Concen: 50.732 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 79751

Ion	Ratio	Lower	Upper
117	100		
201	67.7	34.2	102.5



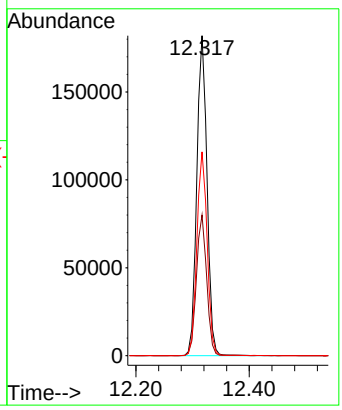


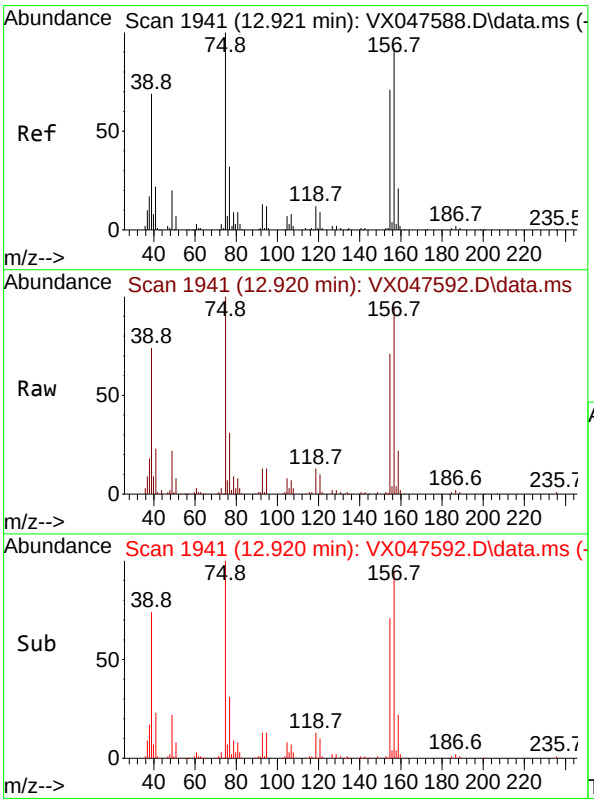
#91
1,2-Dichlorobenzene
Concen: 49.304 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:146 Resp: 227493

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.2	66.6
148	64.1	31.8	95.4

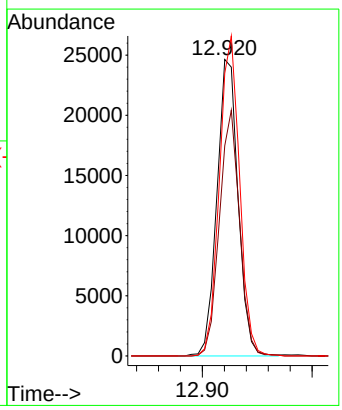


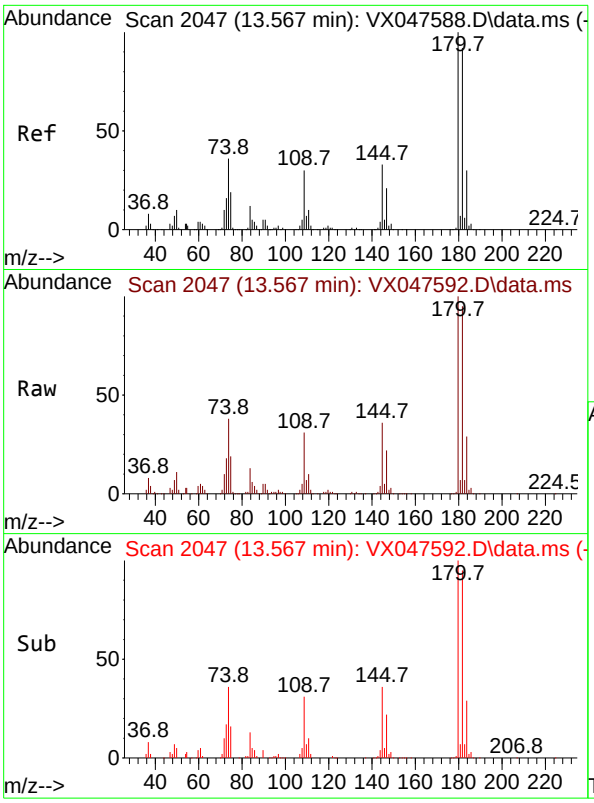


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.918 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 33020

Ion	Ratio	Lower	Upper
75	100		
155	79.1	37.7	113.1
157	103.2	49.8	149.4



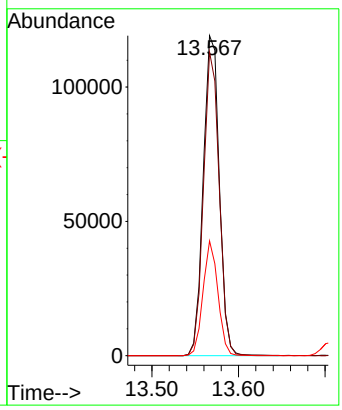


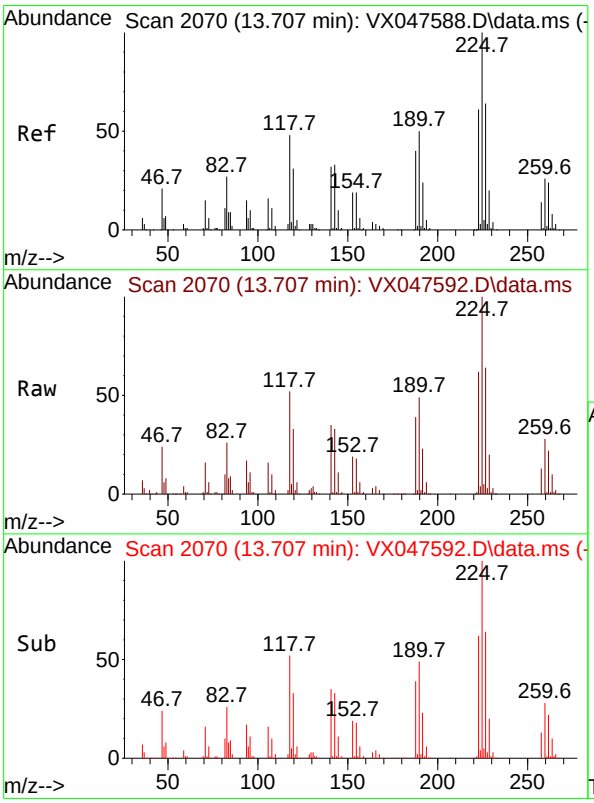
#93
1,2,4-Trichlorobenzene
Concen: 51.133 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:180 Resp: 153333

Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.6	139.8
145	33.3	16.4	49.1

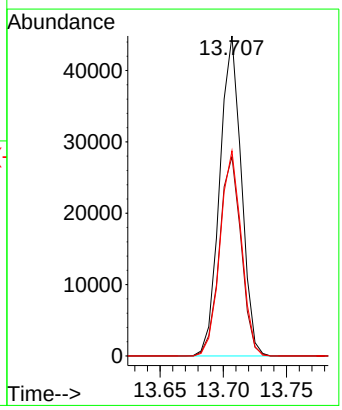


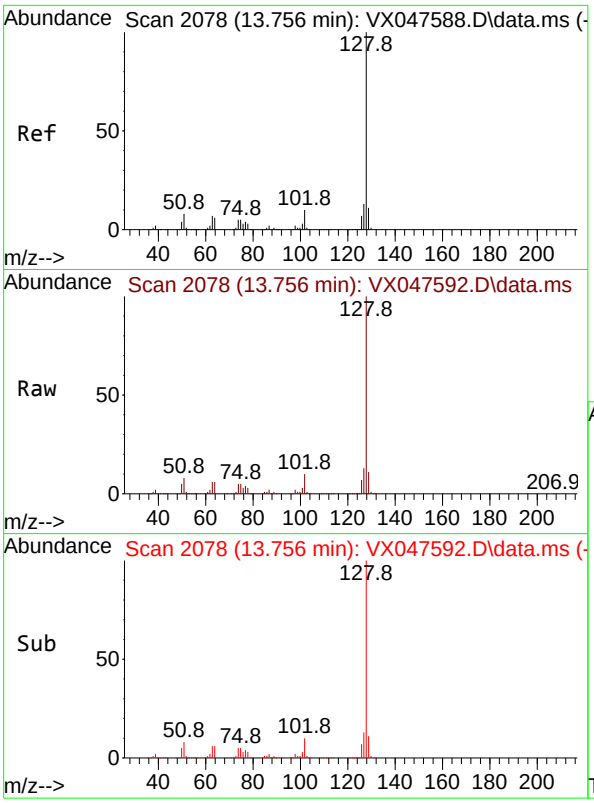


#94
Hexachlorobutadiene
Concen: 52.131 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:225 Resp: 53099

Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.7	95.1
227	63.3	32.0	96.0



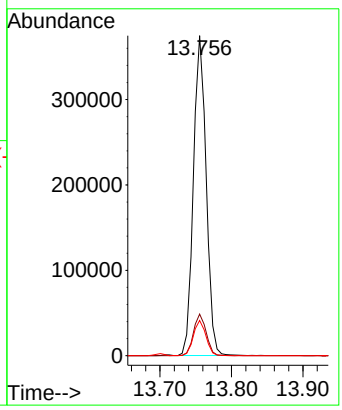


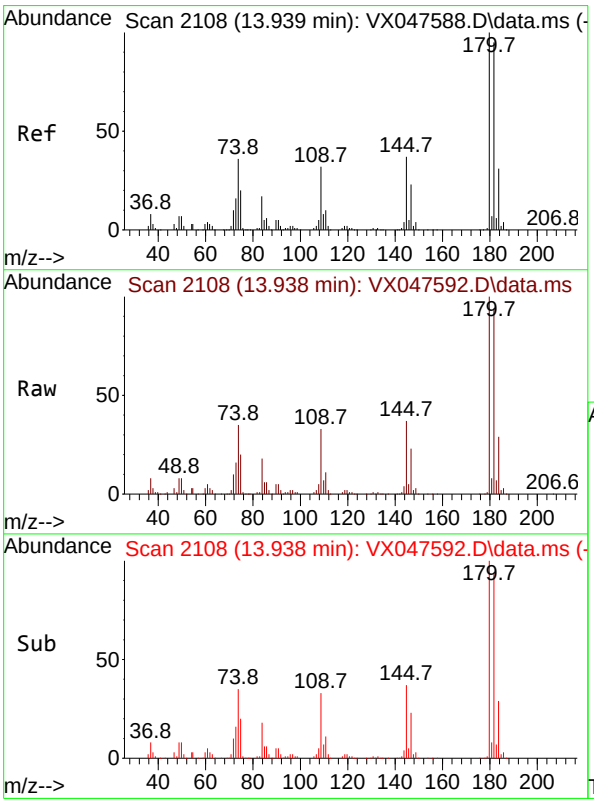
#95
Naphthalene
Concen: 50.836 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:128 Resp: 464206

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.8	13.2

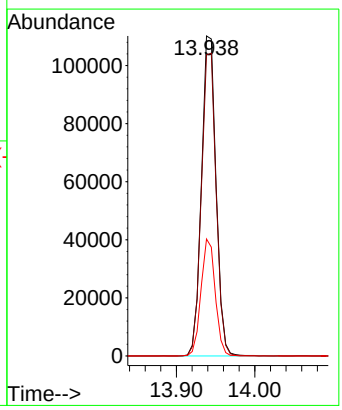




#96
1,2,3-Trichlorobenzene
Concen: 51.054 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:180 Resp: 142413

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	35.6	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	136107	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	245940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	107538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	111151	51.305	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117			Recovery = 102.600%		
35) Dibromofluoromethane	5.367	113	86395	52.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124			Recovery = 104.760%		
50) Toluene-d8	8.629	98	290687	50.933	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112			Recovery = 101.860%		
62) 4-Bromofluorobenzene	11.061	95	108988	50.317	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123			Recovery = 100.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	85355	60.561	ug/l	98
3) Chloromethane	1.301	50	107444	58.004	ug/l	100
4) Vinyl Chloride	1.380	62	105978	58.447	ug/l	99
5) Bromomethane	1.611	94	64102	55.750	ug/l	100
6) Chloroethane	1.691	64	67339	55.564	ug/l	99
7) Trichlorofluoromethane	1.892	101	147449	54.767	ug/l	100
8) Diethyl Ether	2.136	74	61356	55.711	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	84112	53.429	ug/l	99
10) Methyl Iodide	2.453	142	131184	53.431	ug/l	99
11) Tert butyl alcohol	2.941	59	67880	281.323	ug/l	99
12) 1,1-Dichloroethene	2.319	96	90179	55.766	ug/l	99
13) Acrolein	2.233	56	64908	291.917	ug/l	99
14) Allyl chloride	2.660	41	163527	49.005	ug/l	96
15) Acrylonitrile	3.056	53	281907	315.422	ug/l	98
16) Acetone	2.374	43	228516	242.588	ug/l	96
17) Carbon Disulfide	2.514	76	240263	54.273	ug/l	99
18) Methyl Acetate	2.697	43	134060	63.948	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	328607	55.667	ug/l	97
20) Methylene Chloride	2.788	84	111197	55.767	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	95656	54.943	ug/l	97
22) Diisopropyl ether	3.745	45	356628	55.145	ug/l #	84
23) Vinyl Acetate	3.709	43	1440799	278.368	ug/l	99
24) 1,1-Dichloroethane	3.599	63	186425	54.236	ug/l	99
25) 2-Butanone	4.538	43	337440	287.179	ug/l	96
26) 2,2-Dichloropropane	4.459	77	73225	25.628	ug/l	93
27) cis-1,2-Dichloroethene	4.471	96	116288	54.540	ug/l	93
28) Bromochloromethane	4.879	49	84484	56.300	ug/l	99
29) Tetrahydrofuran	4.983	42	217295	307.408	ug/l	99
30) Chloroform	5.074	83	193461	55.697	ug/l	98
31) Cyclohexane	5.452	56	143723	50.203	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	155394	52.743	ug/l	100
36) 1,1-Dichloropropene	5.672	75	119329	49.510	ug/l	98
37) Ethyl Acetate	4.690	43	144473	55.984	ug/l	98
38) Carbon Tetrachloride	5.660	117	132383	50.553	ug/l	95
39) Methylcyclohexane	7.360	83	130264	47.613	ug/l	98
40) Benzene	6.019	78	393020	53.689	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	77739	58.352	ug/l		99
42) 1,2-Dichloroethane	6.068	62	146101	52.455	ug/l		98
43) Isopropyl Acetate	6.318	43	231987	54.813	ug/l		99
44) Trichloroethene	7.104	130	93408	52.779	ug/l		97
45) 1,2-Dichloropropane	7.409	63	102723	54.802	ug/l		99
46) Dibromomethane	7.562	93	73128	53.611	ug/l		95
47) Bromodichloromethane	7.806	83	150738	53.552	ug/l		99
48) Methyl methacrylate	7.677	41	117391	55.683	ug/l		98
49) 1,4-Dioxane	7.641	88	28456	1335.620	ug/l		99
51) 4-Methyl-2-Pentanone	8.555	43	695695	296.468	ug/l		100
52) Toluene	8.702	92	236487	52.436	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	133747	46.584	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	147846	48.178	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	95832	55.106	ug/l		99
56) Ethyl methacrylate	9.098	69	153461	56.190	ug/l		97
57) 1,3-Dichloropropane	9.293	76	166700	55.801	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	397473	300.637	ug/l		100
59) 2-Hexanone	9.415	43	481760	285.853	ug/l		98
60) Dibromochloromethane	9.506	129	110503	55.147	ug/l		99
61) 1,2-Dibromoethane	9.592	107	100623	56.807	ug/l		99
64) Tetrachloroethene	9.256	164	77730	54.134	ug/l		97
65) Chlorobenzene	10.061	112	262625	52.484	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	91037	52.723	ug/l		99
67) Ethyl Benzene	10.177	91	443118	51.323	ug/l		100
68) m/p-Xylenes	10.287	106	333476	103.770	ug/l		98
69) o-Xylene	10.622	106	162415	52.252	ug/l		97
70) Styrene	10.640	104	286982	52.692	ug/l		98
71) Bromoform	10.781	173	70044	54.326	ug/l	#	98
73) Isopropylbenzene	10.945	105	411651	50.350	ug/l		100
74) N-amyl acetate	10.823	43	197362	52.937	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	136864	55.331	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	143542	65.926	ug/l		91
77) Bromobenzene	11.177	156	104192	51.743	ug/l		96
78) n-propylbenzene	11.287	91	479655	49.629	ug/l		100
79) 2-Chlorotoluene	11.348	91	295615	49.940	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	335426	49.936	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	34506	40.415	ug/l		99
82) 4-Chlorotoluene	11.439	91	346198	49.519	ug/l		99
83) tert-Butylbenzene	11.695	119	328139	47.721	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	342751	50.330	ug/l		99
85) sec-Butylbenzene	11.872	105	399335	48.893	ug/l		99
86) p-Isopropyltoluene	11.988	119	336196	48.621	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	187962	50.255	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	188229	49.035	ug/l		99
89) n-Butylbenzene	12.311	91	299204	46.765	ug/l		99
90) Hexachloroethane	12.518	117	60775	50.062	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	181599	50.965	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26900	53.714	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	111739	48.251	ug/l		98
94) Hexachlorobutadiene	13.701	225	36360	46.224	ug/l		97
95) Naphthalene	13.756	128	369424	52.388	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	109206	50.695	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

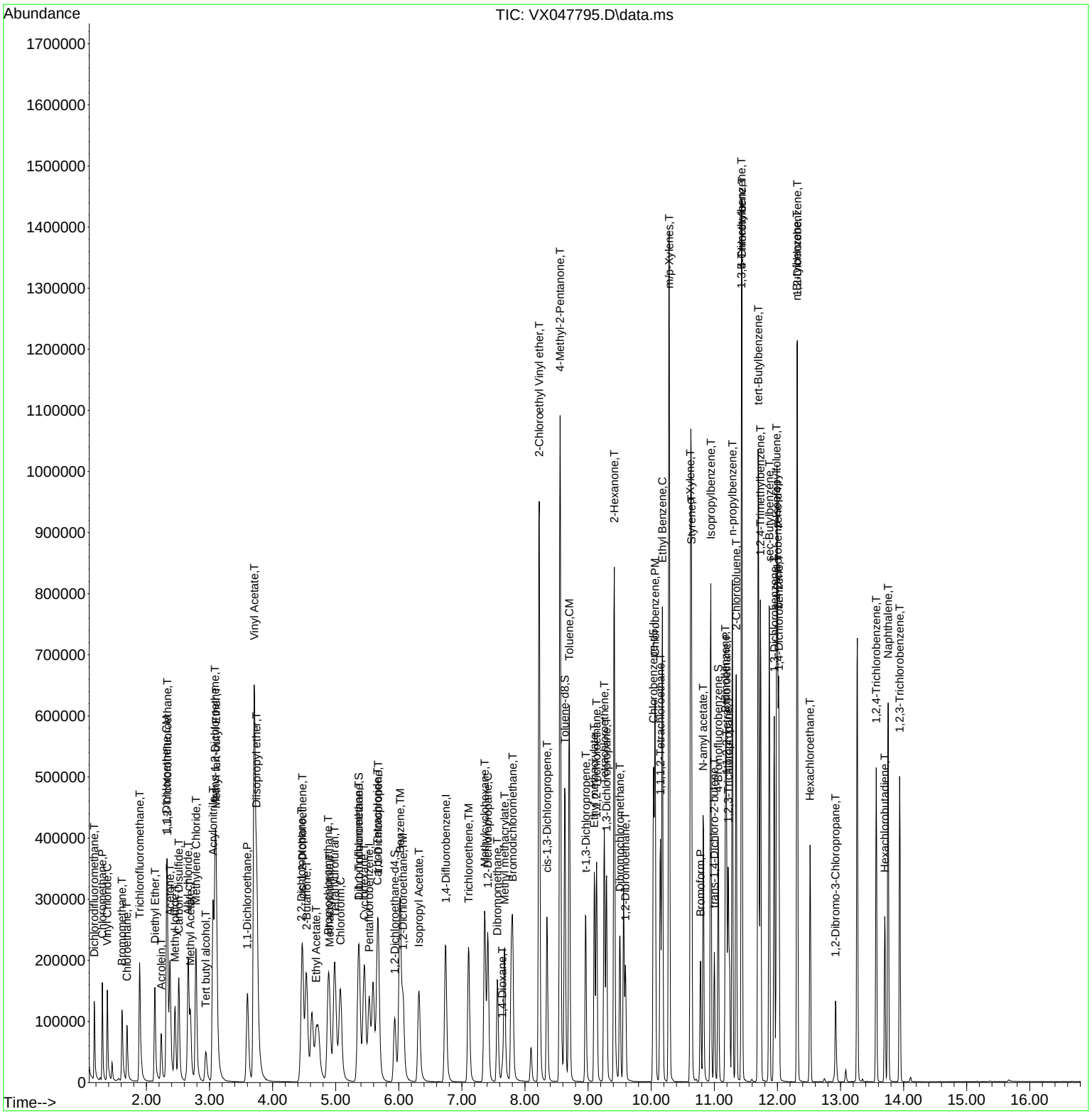
(#) = qualifier out of range (m) = manual integration (+) = signals summed

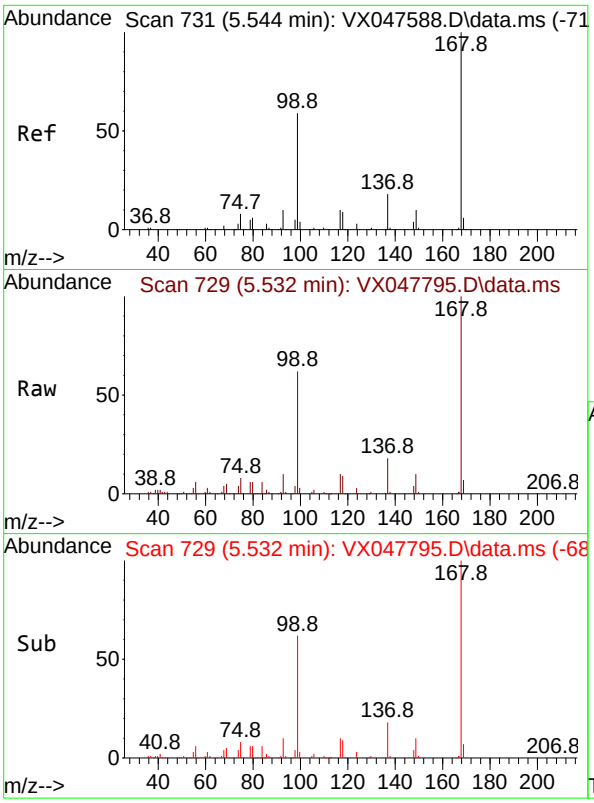
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047795.D
Acq On : 25 Sep 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Sep 26 01:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



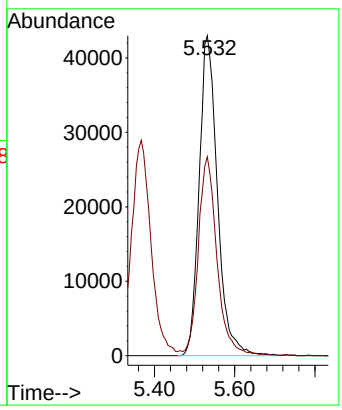


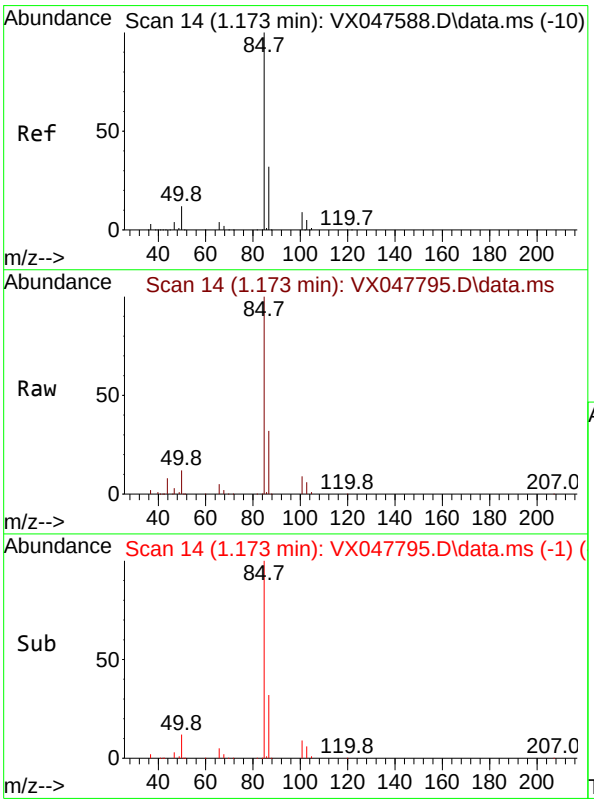
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 136107

Ion	Ratio	Lower	Upper
168	100		
99	62.0	48.8	73.2

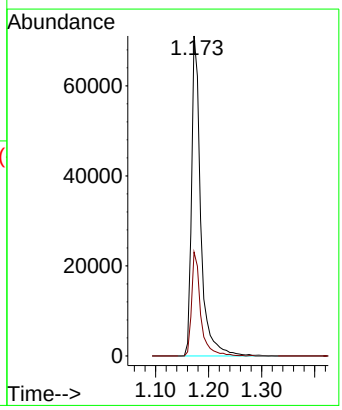


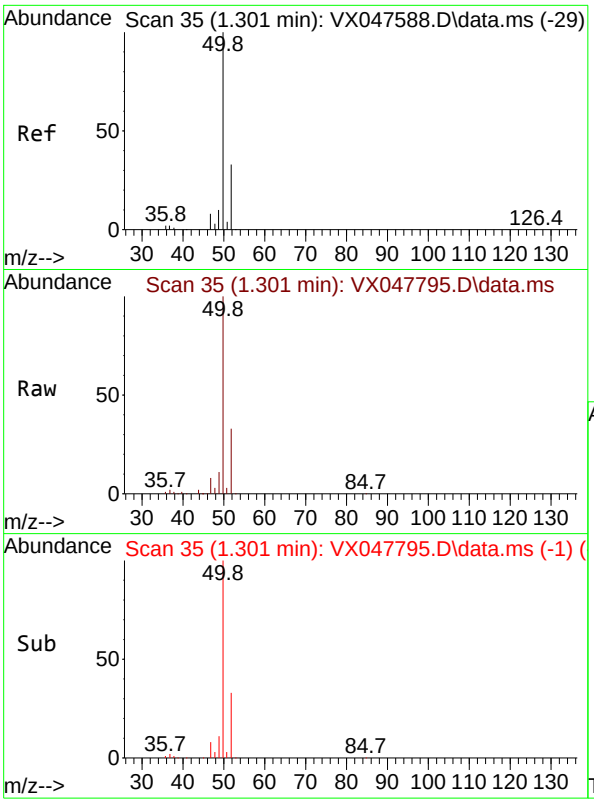


#2
Dichlorodifluoromethane
Concen: 60.561 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 85 Resp: 85355

Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.8	47.3



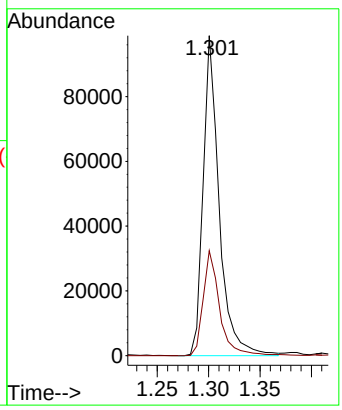


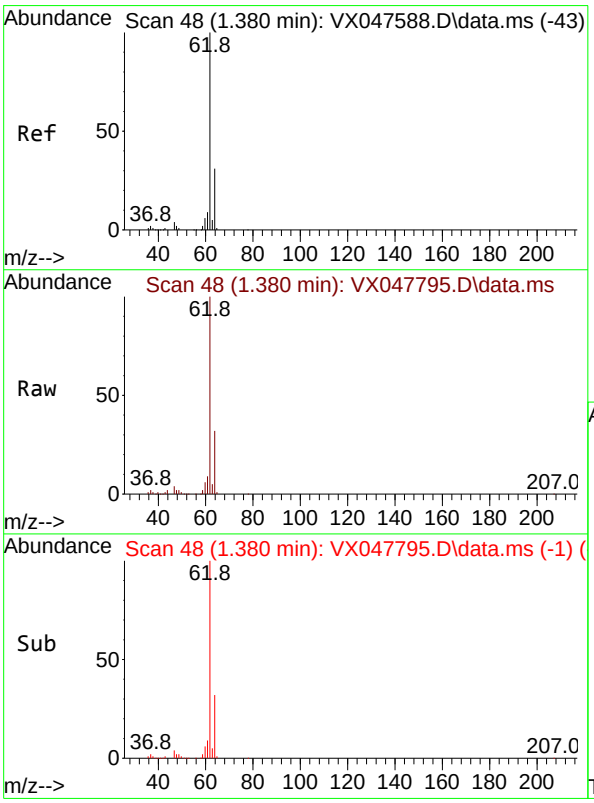
#3
Chloromethane
Concen: 58.004 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 107444

Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.1	39.1

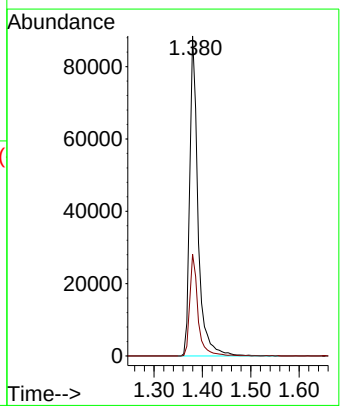


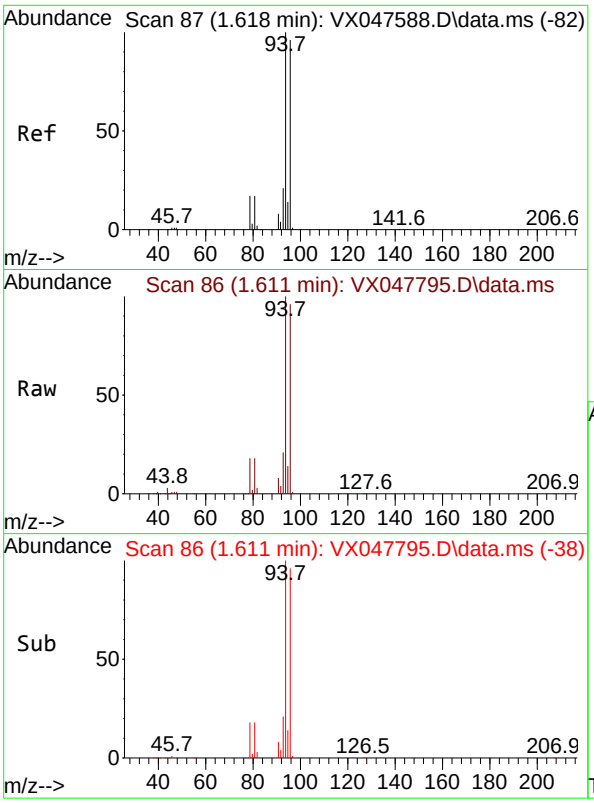


#4
Vinyl Chloride
Concen: 58.447 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 62 Resp: 105978

Ion	Ratio	Lower	Upper
62	100		
64	31.8	24.9	37.3



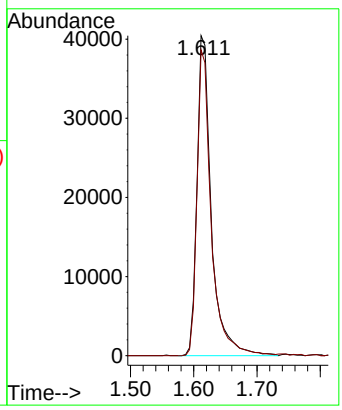


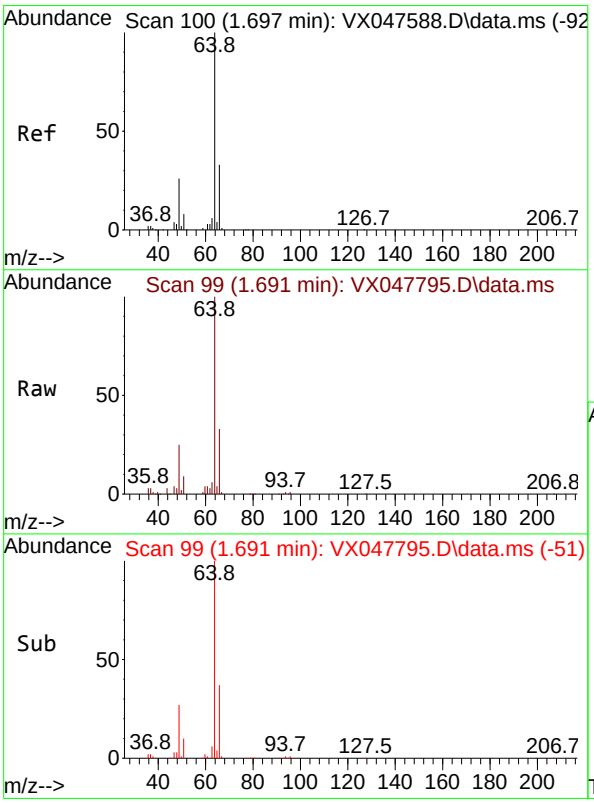
#5
Bromomethane
Concen: 55.750 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 64102

Ion	Ratio	Lower	Upper
94	100		
96	95.5	76.6	115.0

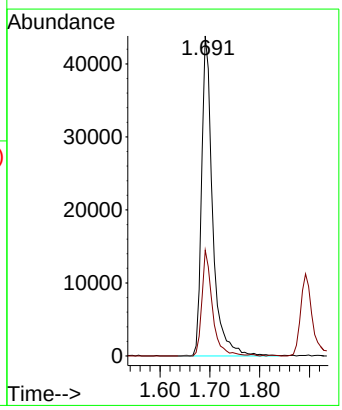


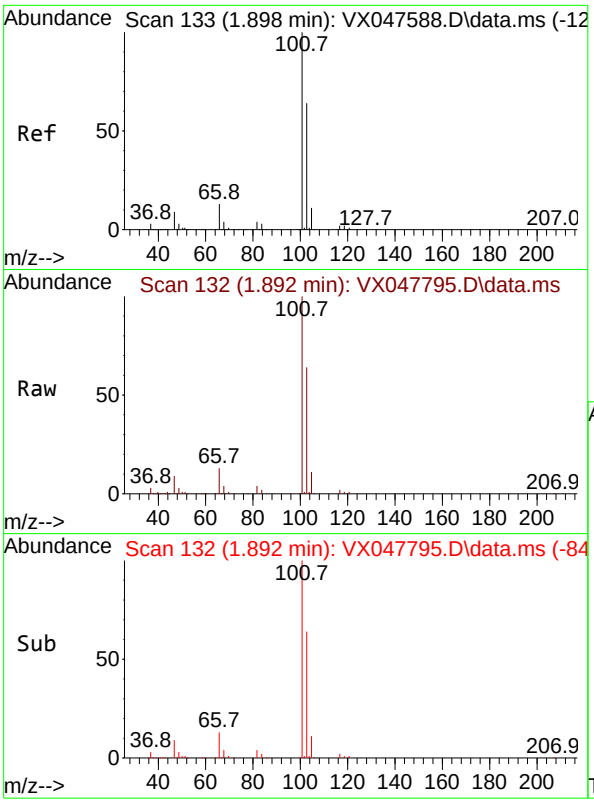


#6
Chloroethane
Concen: 55.564 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 64 Resp: 67339

Ion	Ratio	Lower	Upper
64	100		
66	33.1	26.1	39.1



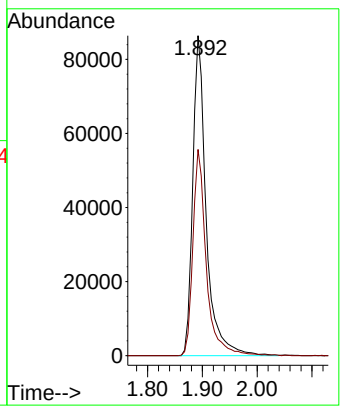


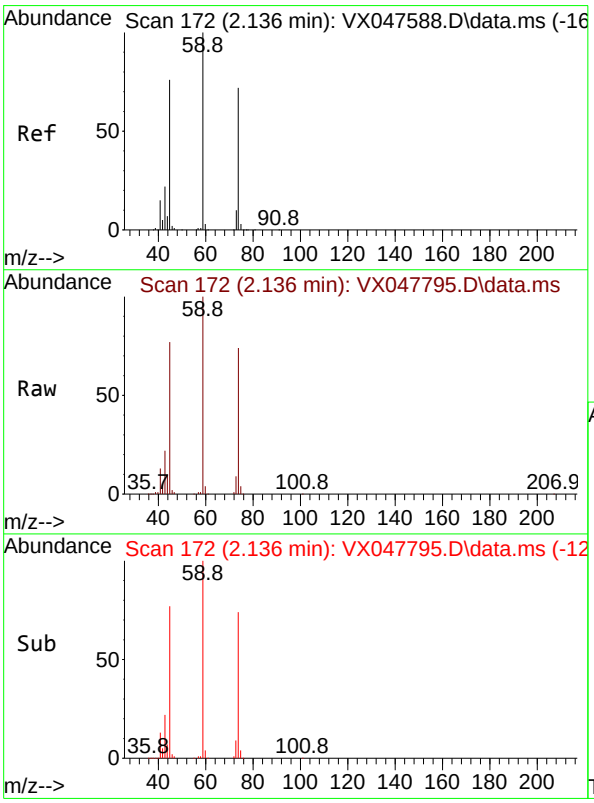
#7
Trichlorofluoromethane
Concen: 54.767 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 147449

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.4	77.2

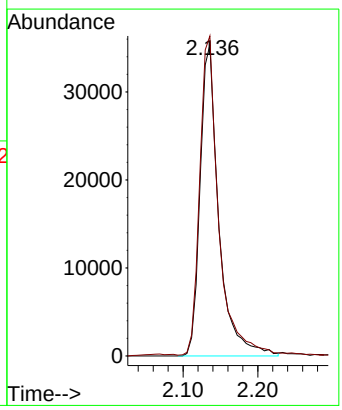


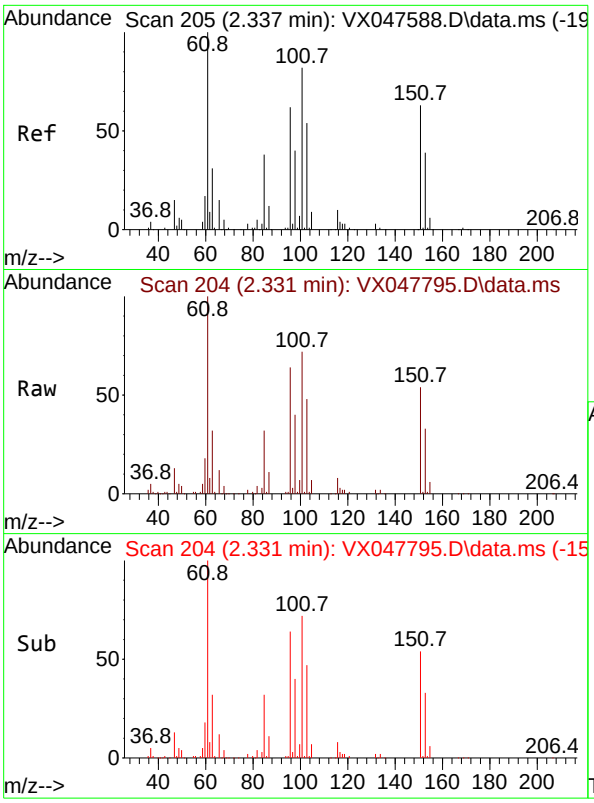


#8
Diethyl Ether
Concen: 55.711 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 74 Resp: 61356

Ion	Ratio	Lower	Upper
74	100		
45	105.9	52.3	156.8



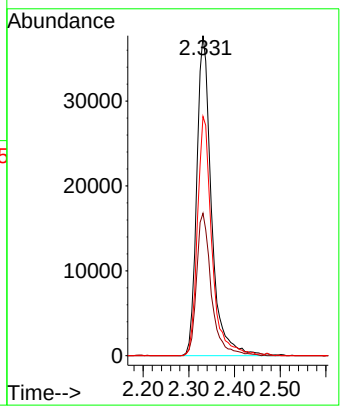


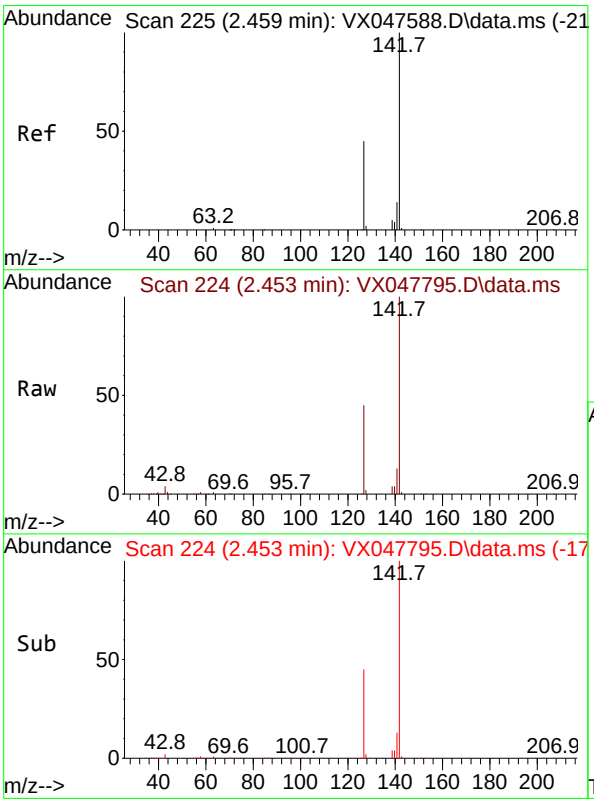
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.429 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 84112

Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.5	53.3
151	73.6	59.4	89.0

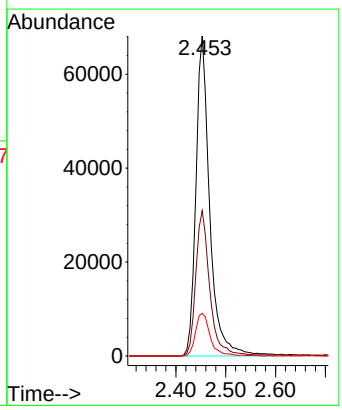


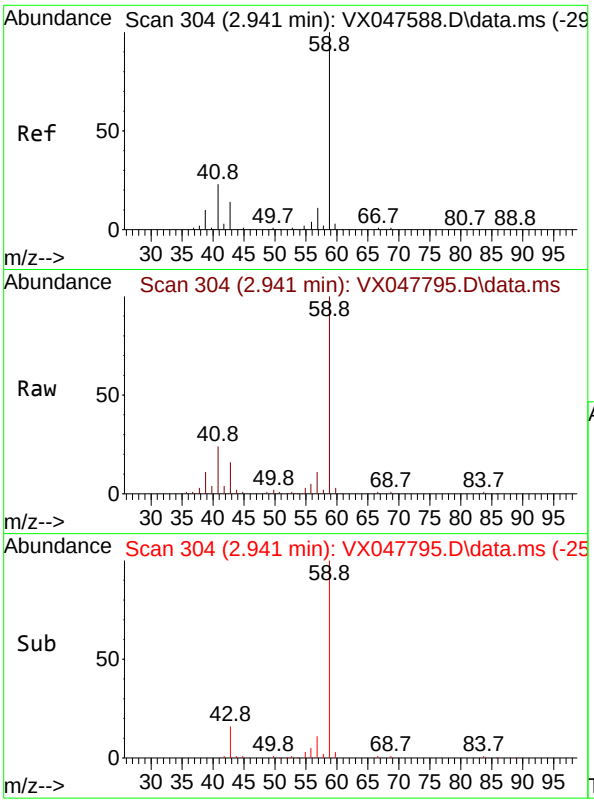


#10
Methyl Iodide
Concen: 53.431 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:142 Resp: 131184

Ion	Ratio	Lower	Upper
142	100		
127	45.9	37.2	55.8
141	14.2	11.4	17.0



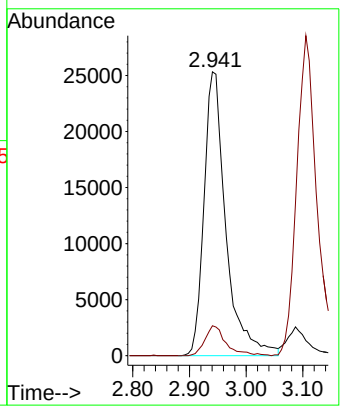


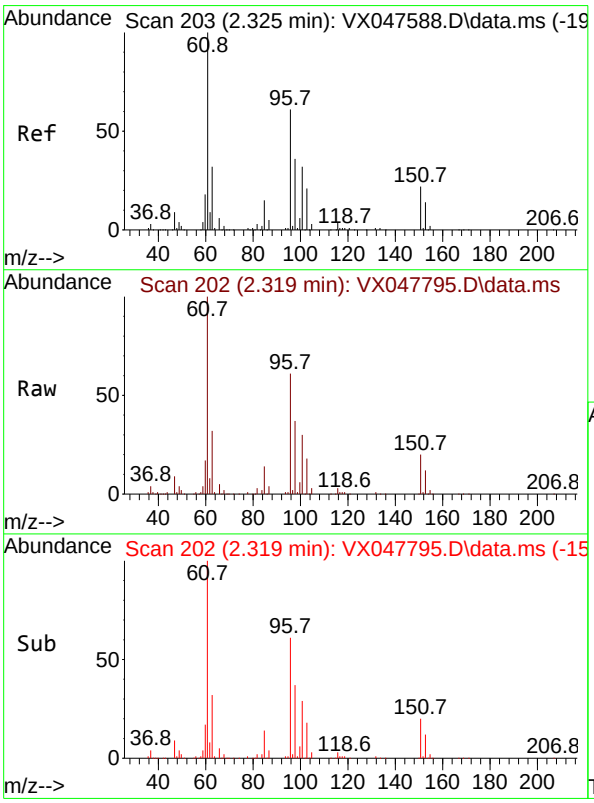
#11
Tert butyl alcohol
Concen: 281.323 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 67880

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

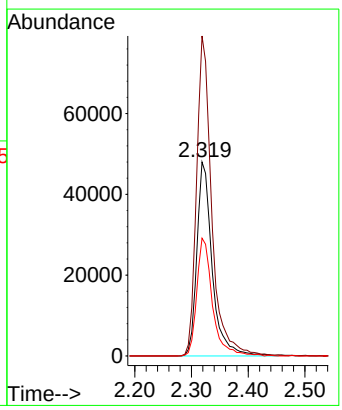


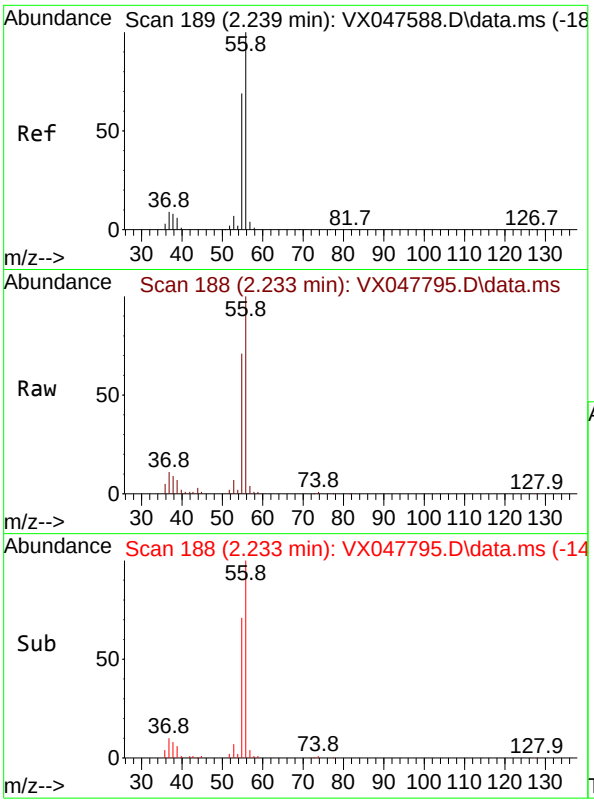


#12
1,1-Dichloroethene
Concen: 55.766 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 96 Resp: 90179

Ion	Ratio	Lower	Upper
96	100		
61	165.0	131.0	196.6
98	60.7	47.7	71.5



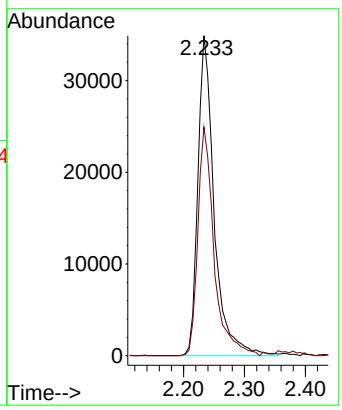


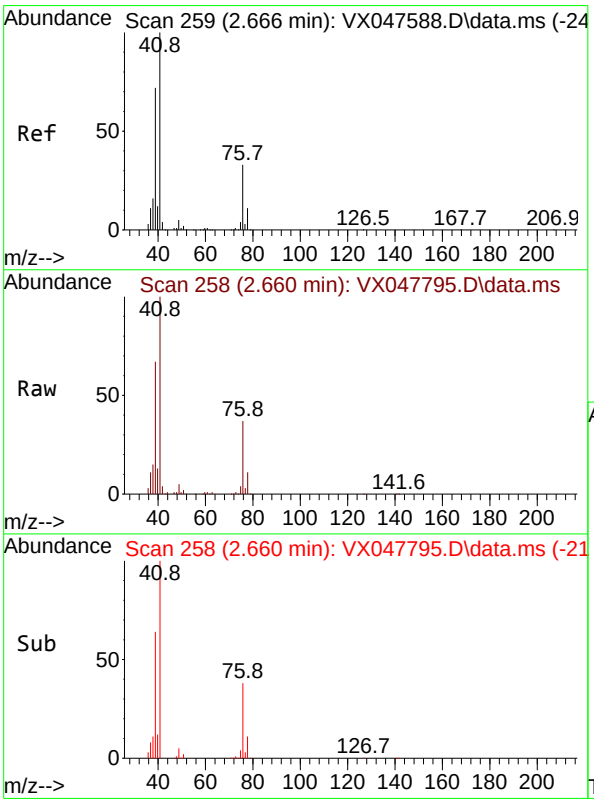
#13
Acrolein
Concen: 291.917 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 64908

Ion	Ratio	Lower	Upper
56	100		
55	70.9	57.2	85.8

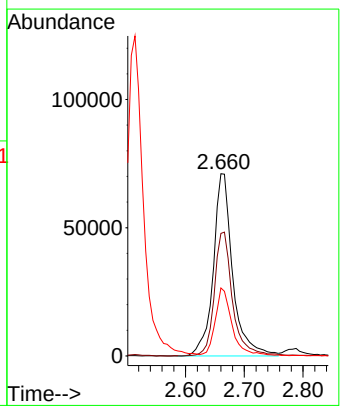


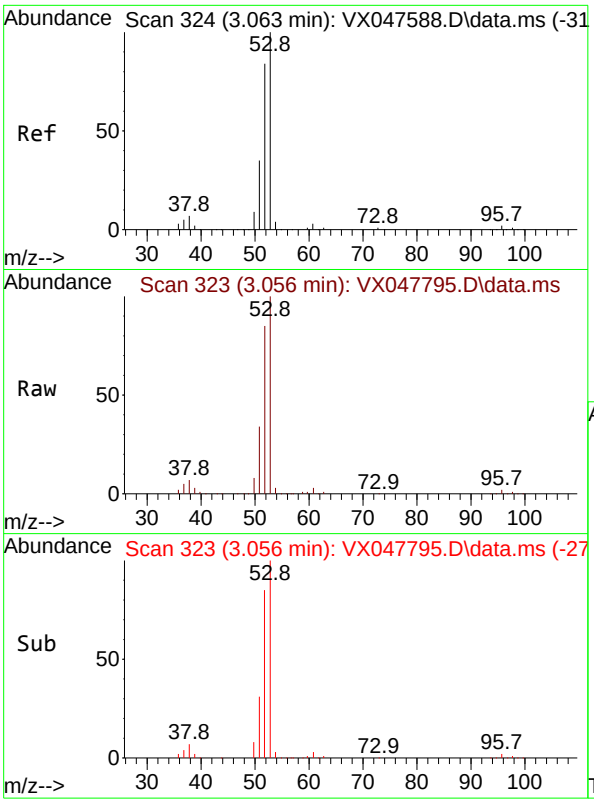


#14
Allyl chloride
Concen: 49.005 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 41 Resp: 163527

Ion	Ratio	Lower	Upper
41	100		
39	63.9	54.7	82.1
76	32.7	25.7	38.5



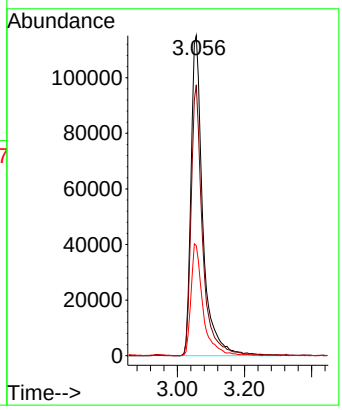


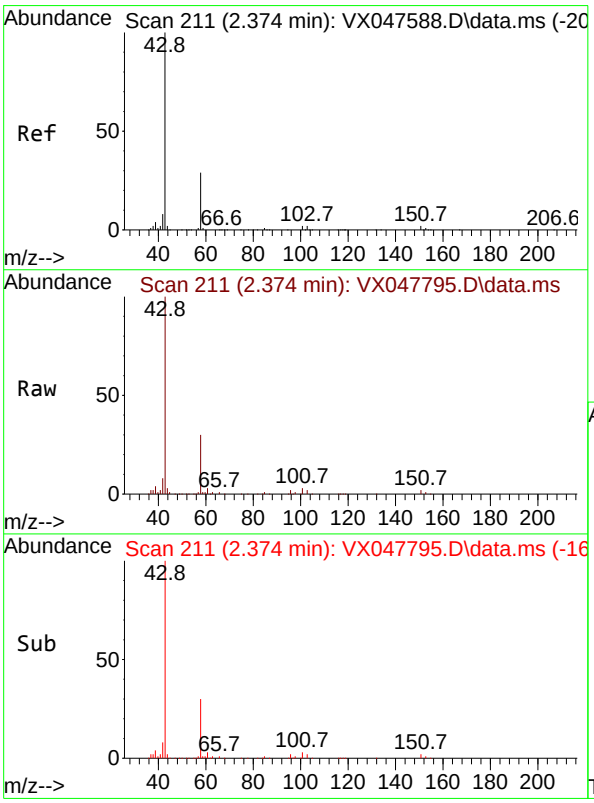
#15
Acrylonitrile
Concen: 315.422 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 281907

Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.4	99.6
51	35.7	29.5	44.3

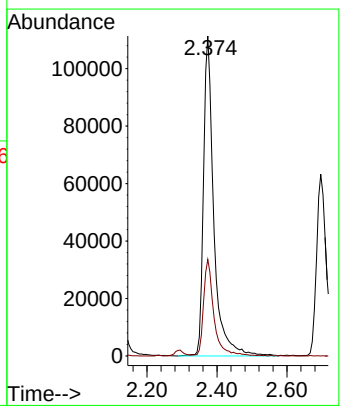


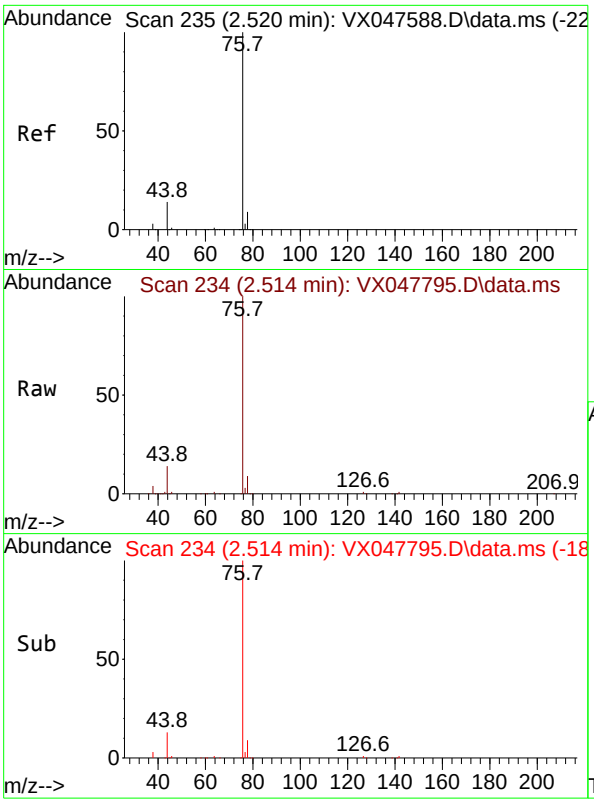


#16
Acetone
Concen: 242.588 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 228516

Ion	Ratio	Lower	Upper
43	100		
58	31.1	23.4	35.0



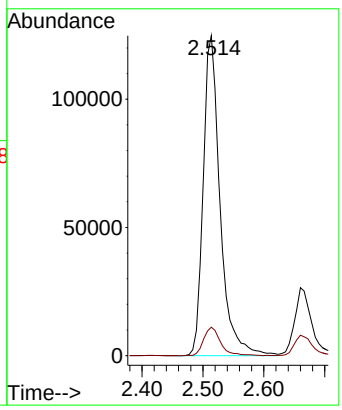


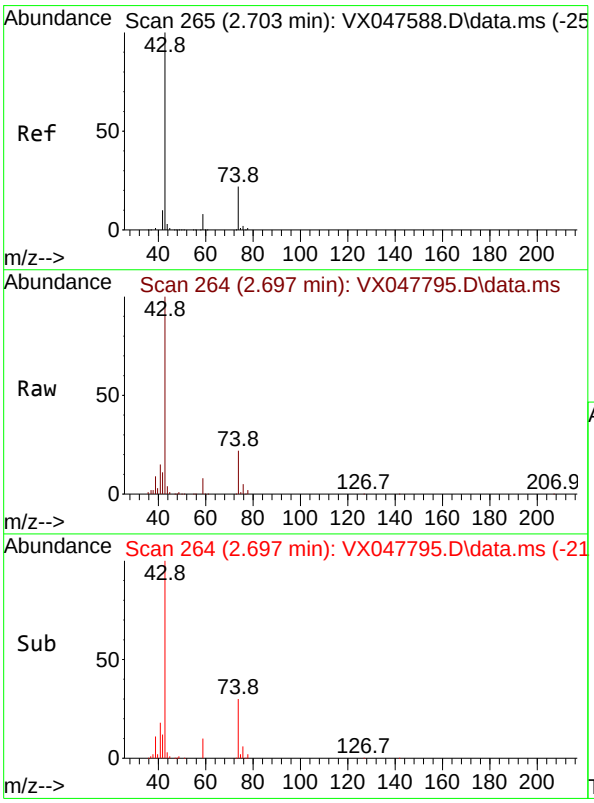
#17
Carbon Disulfide
Concen: 54.273 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 240263

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.8	10.2

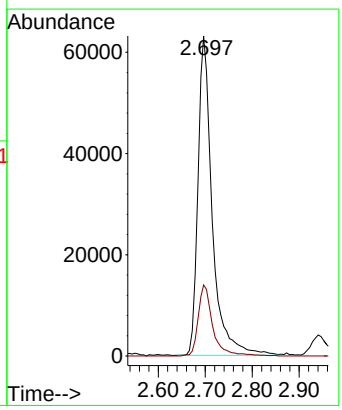


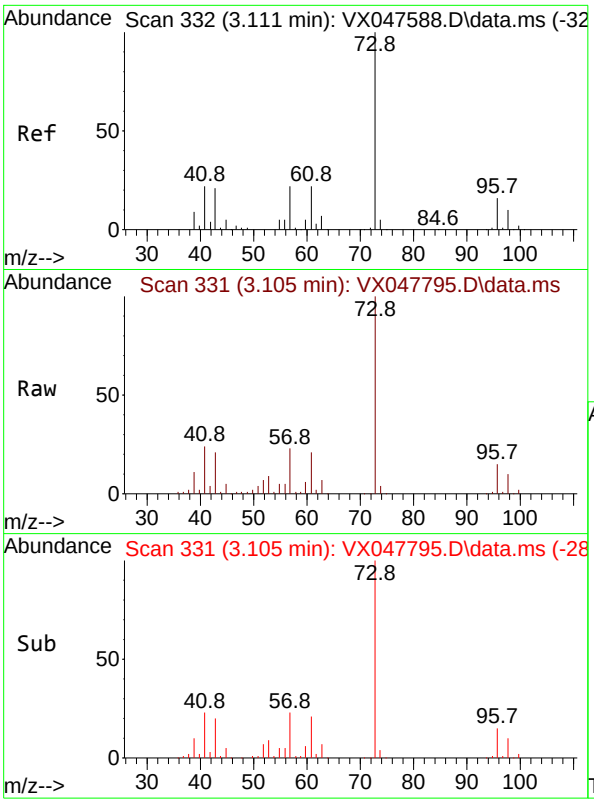


#18
Methyl Acetate
Concen: 63.948 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 134060

Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.4	26.2



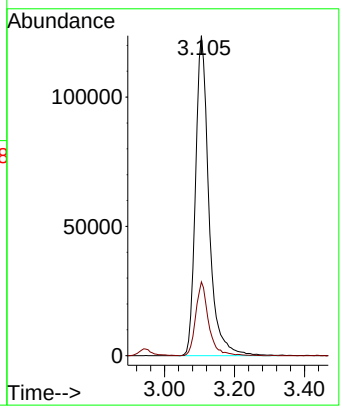


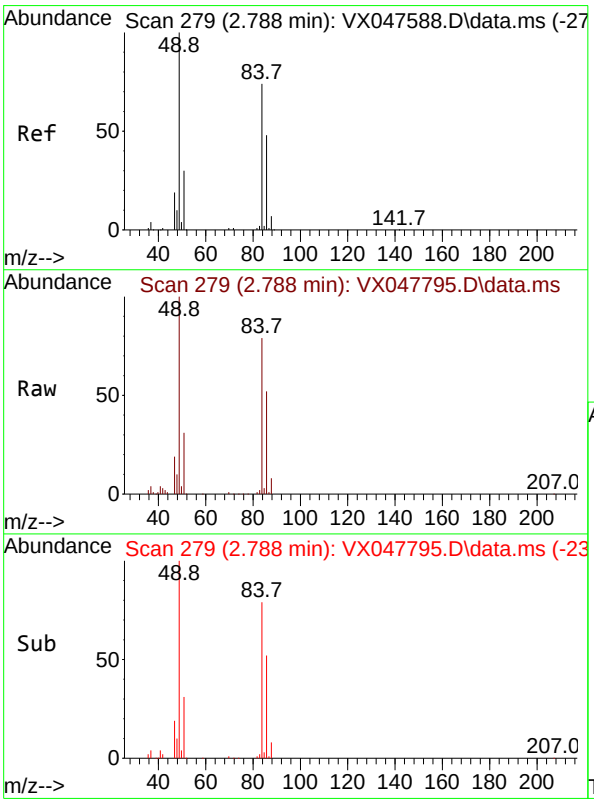
#19
Methyl tert-butyl Ether
Concen: 55.667 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 328607

Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.4	26.2

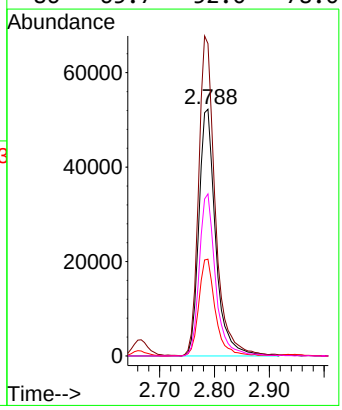


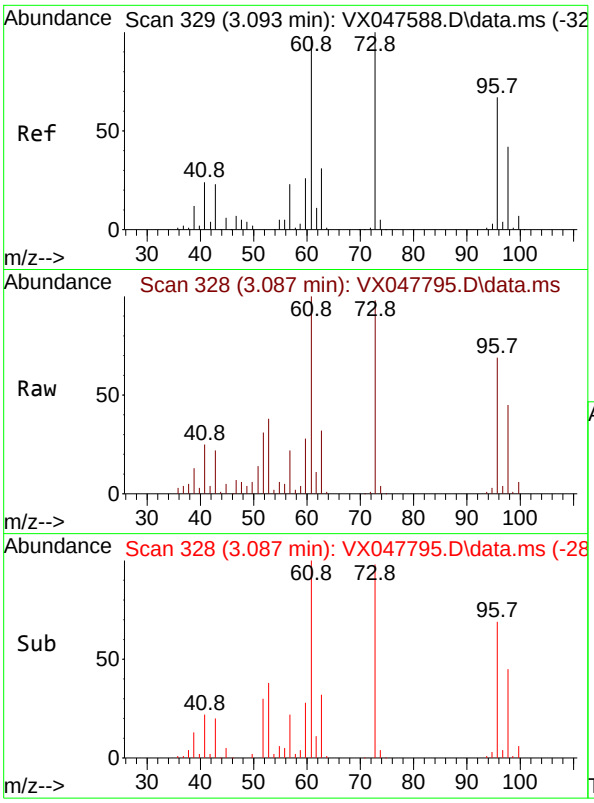


#20
Methylene Chloride
Concen: 55.767 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 84 Resp: 111197

Ion	Ratio	Lower	Upper
84	100		
49	126.4	108.6	162.8
51	39.2	32.6	48.8
86	65.7	52.0	78.0



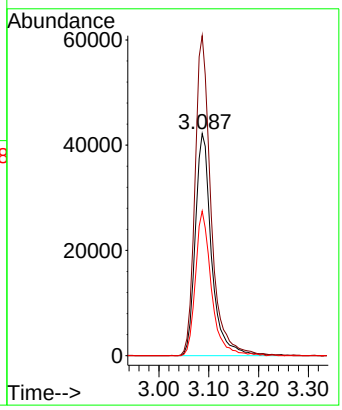


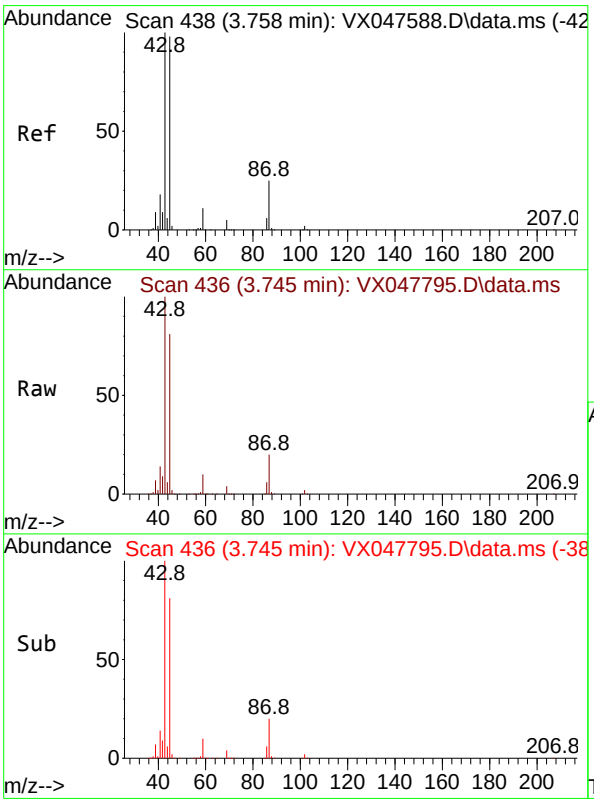
#21
trans-1,2-Dichloroethene
Concen: 54.943 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 95656

Ion	Ratio	Lower	Upper
96	100		
61	144.0	116.2	174.2
98	66.6	49.3	73.9

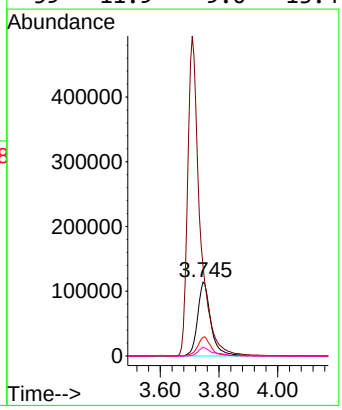


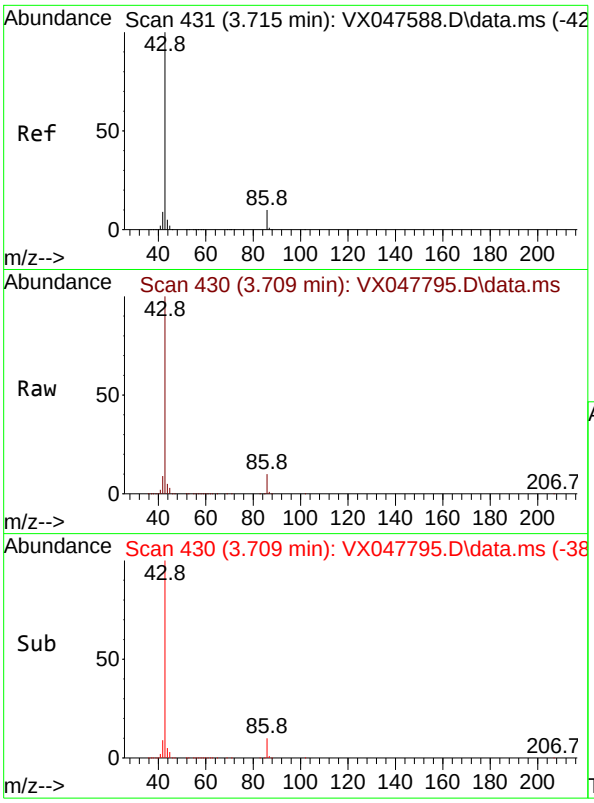


#22
Diisopropyl ether
Concen: 55.145 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 45 Resp: 356628

Ion	Ratio	Lower	Upper
45	100		
43	122.6	81.0	121.4#
87	25.2	20.3	30.5
59	11.9	9.0	13.4



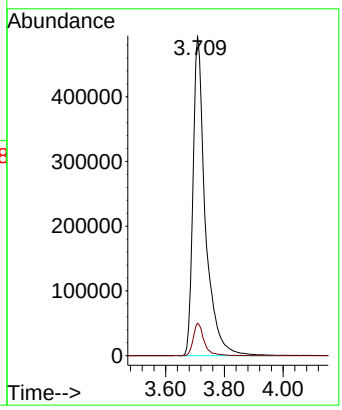


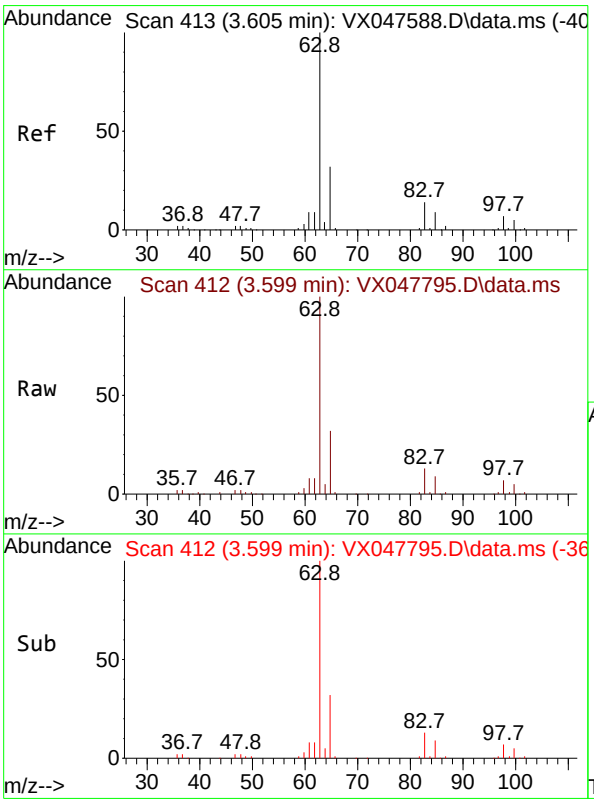
#23
Vinyl Acetate
Concen: 278.368 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1440799

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.8	11.8

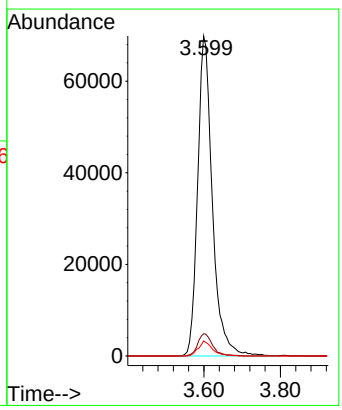


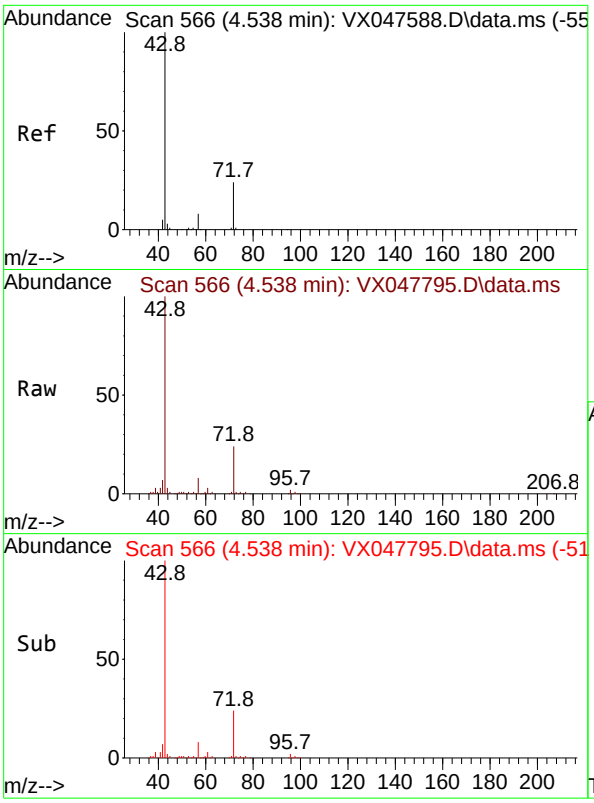


#24
1,1-Dichloroethane
Concen: 54.236 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 63 Resp: 186425

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.2
100	4.7	2.3	6.9



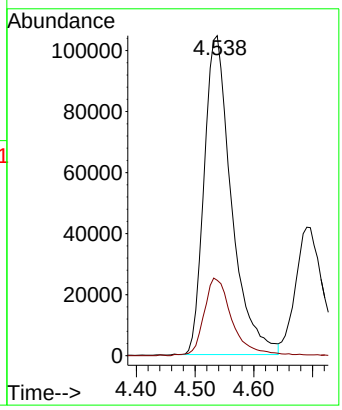


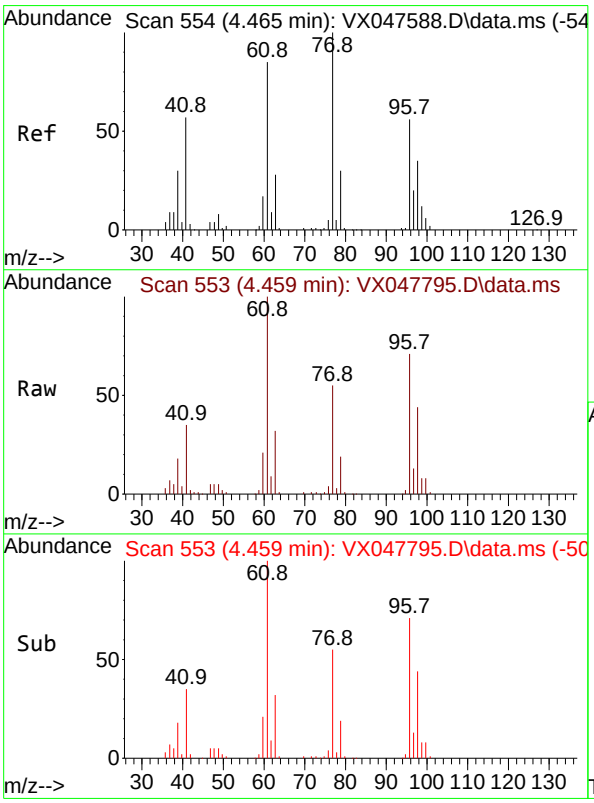
#25
2-Butanone
Concen: 287.179 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 337440

Ion	Ratio	Lower	Upper
43	100		
72	23.2	20.1	30.1

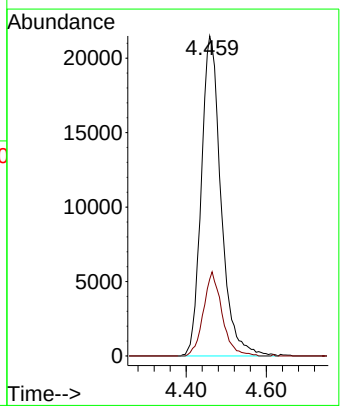


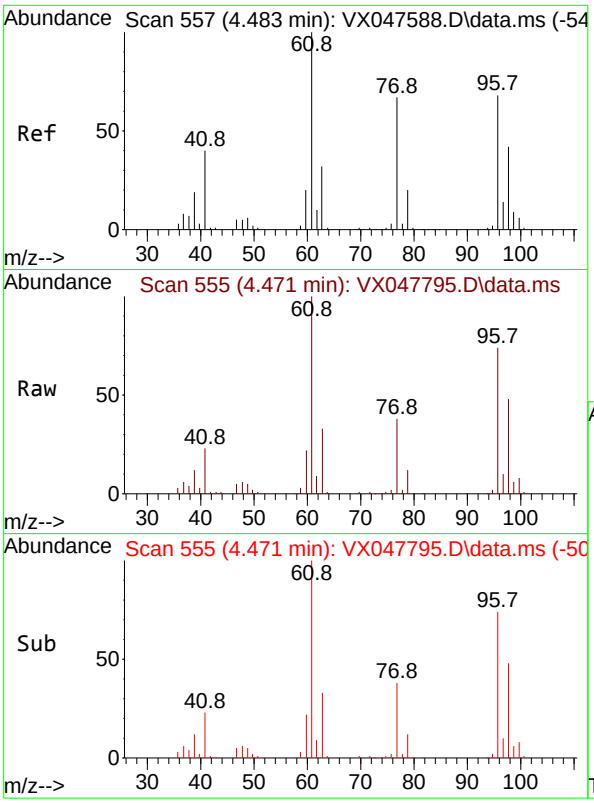


#26
2,2-Dichloropropane
Concen: 25.628 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 77 Resp: 73225

Ion	Ratio	Lower	Upper
77	100		
97	24.9	10.9	32.7



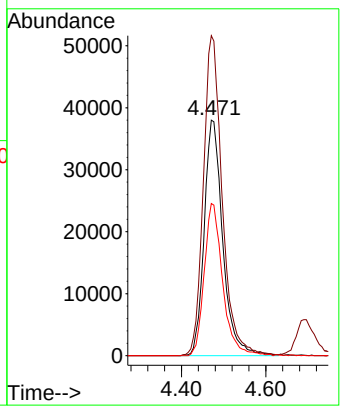


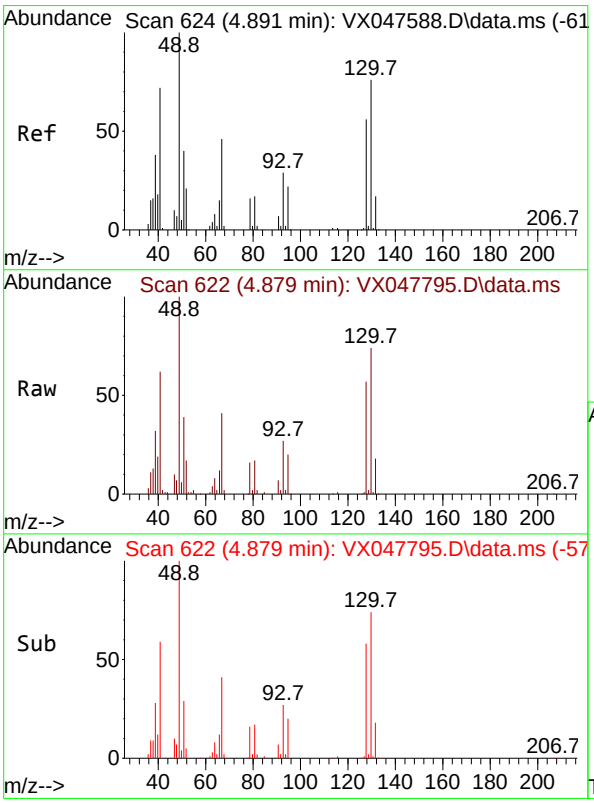
#27
cis-1,2-Dichloroethene
Concen: 54.540 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 116288

Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	303.2
98	64.2	0.0	127.8

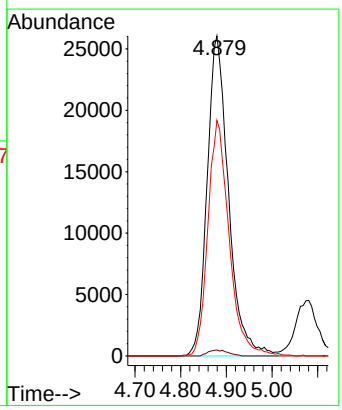


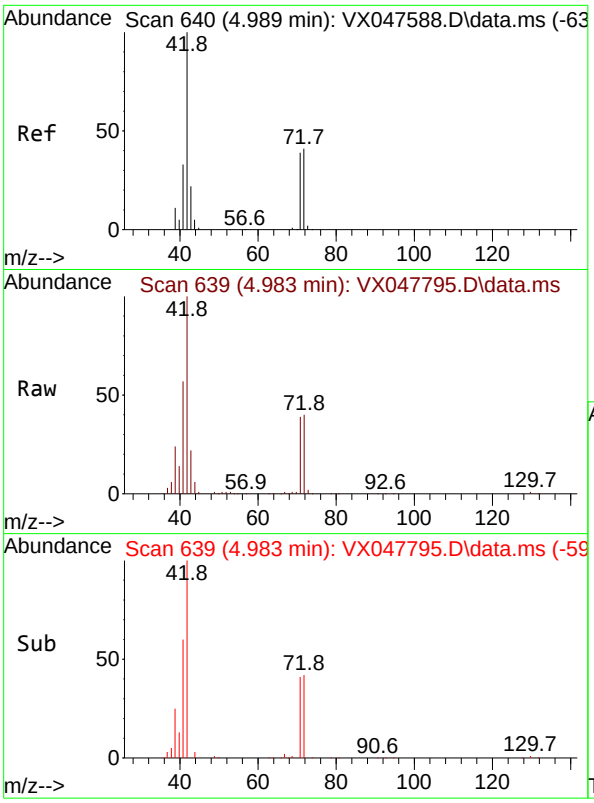


#28
Bromochloromethane
Concen: 56.300 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 49 Resp: 84484

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	73.2	57.8	86.8



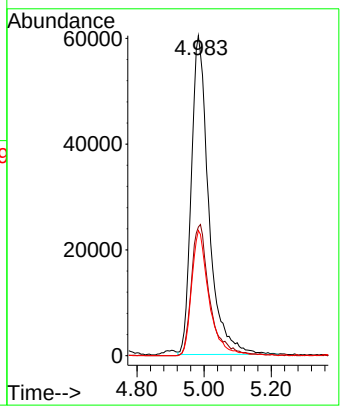


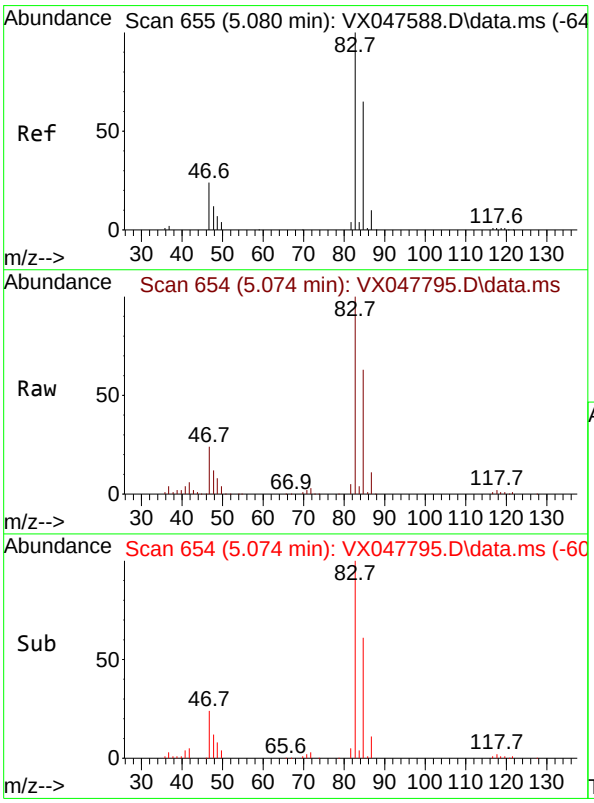
#29
Tetrahydrofuran
Concen: 307.408 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 217295

Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.2	51.2
71	39.0	31.9	47.9

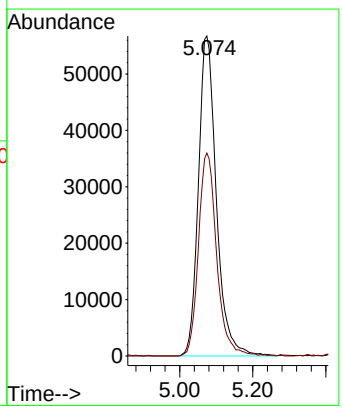


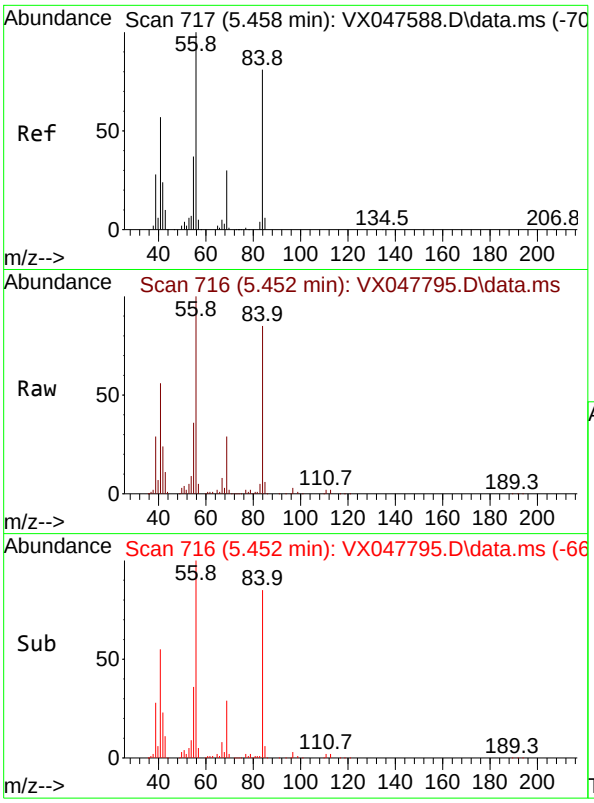


#30
Chloroform
Concen: 55.697 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 83 Resp: 193461

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.6



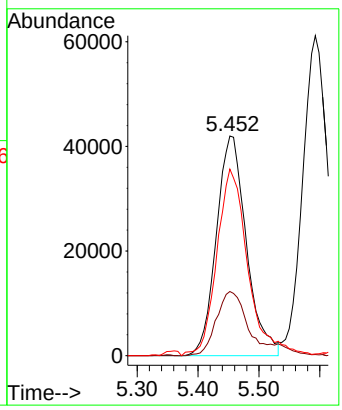


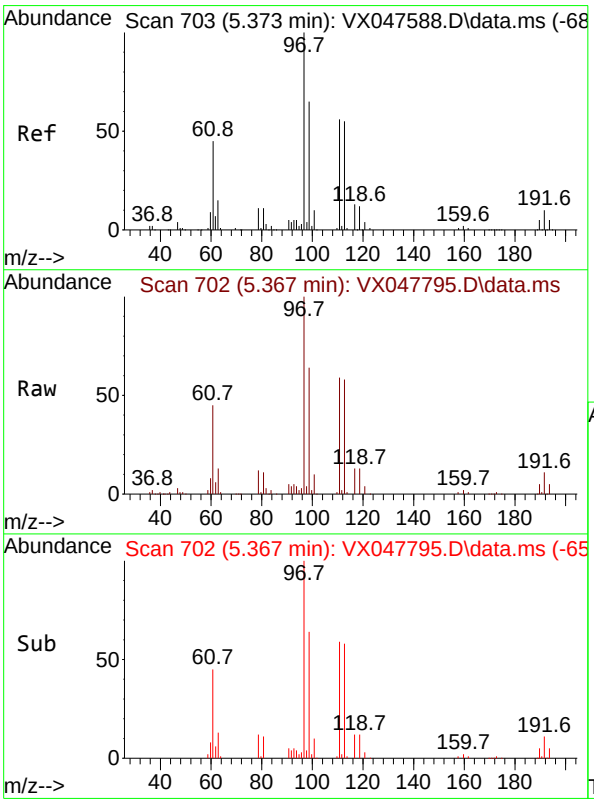
#31
Cyclohexane
Concen: 50.203 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 143723

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.8	35.8
84	83.0	64.6	97.0

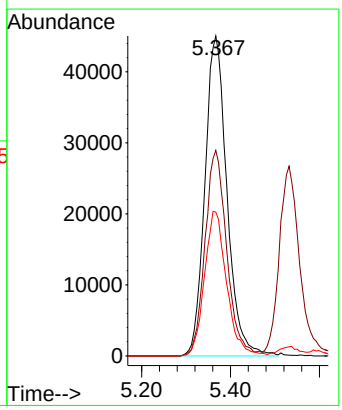


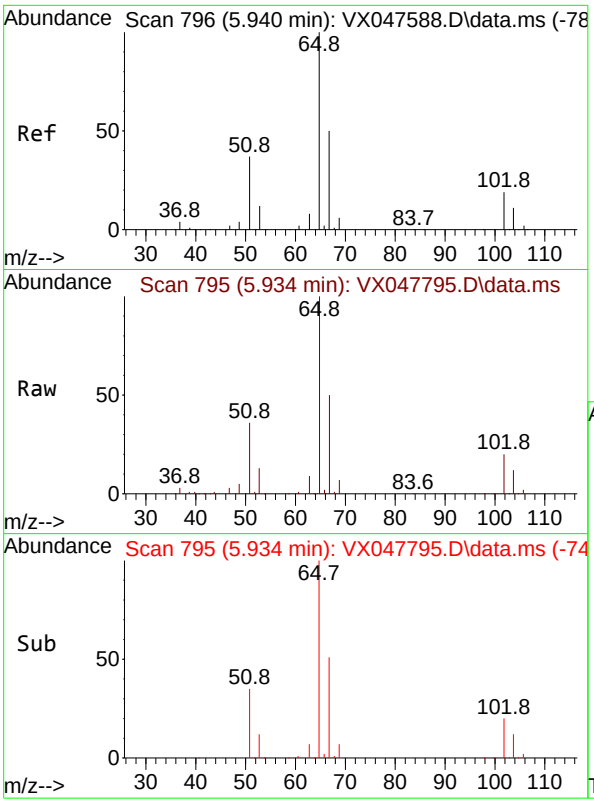


#32
1,1,1-Trichloroethane
Concen: 52.743 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 97 Resp: 155394

Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.6	76.0
61	45.3	35.8	53.8



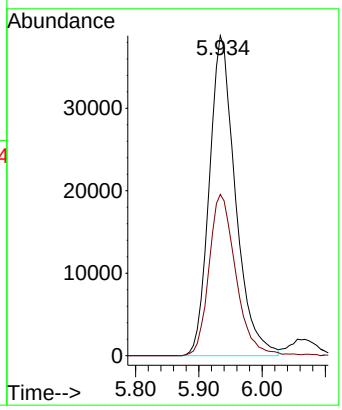


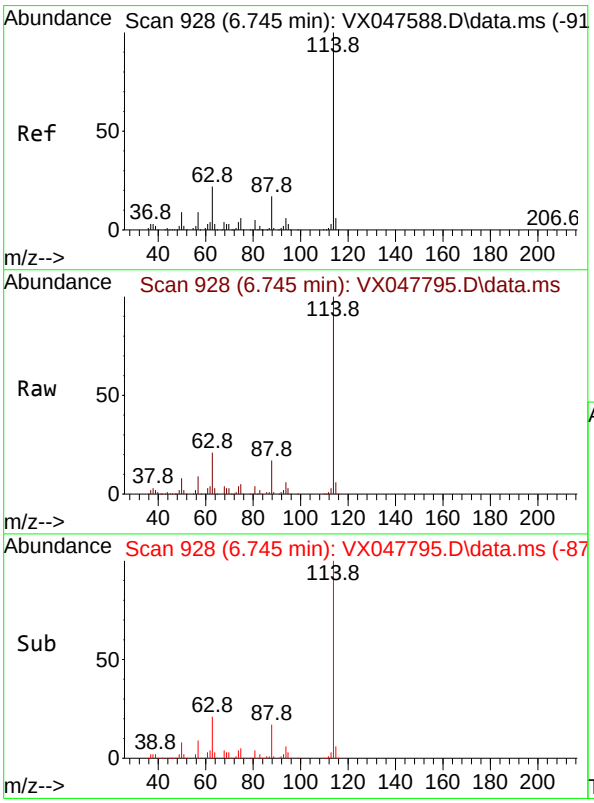
#33
1,2-Dichloroethane-d4
Concen: 51.305 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 111151

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.0

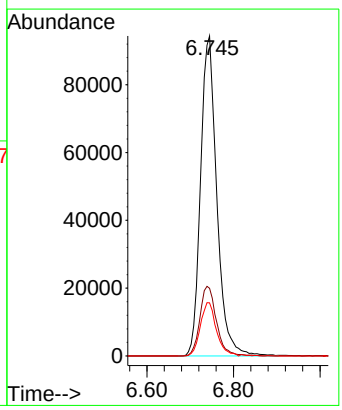


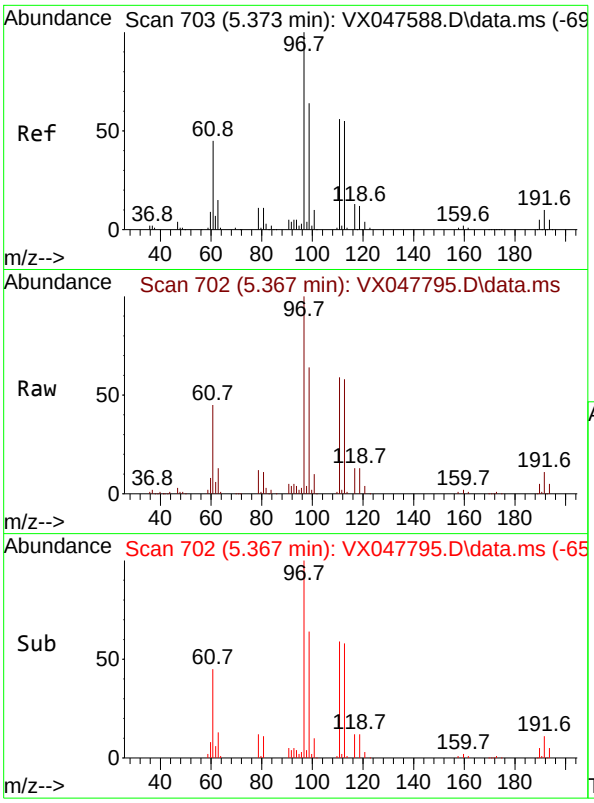


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:114 Resp: 245940

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	16.6	0.0	34.2



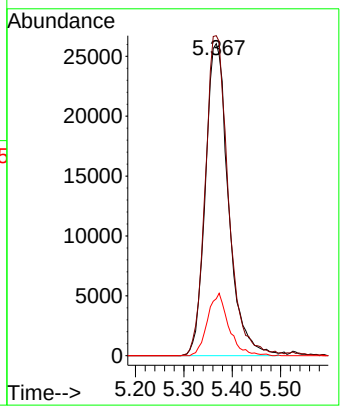


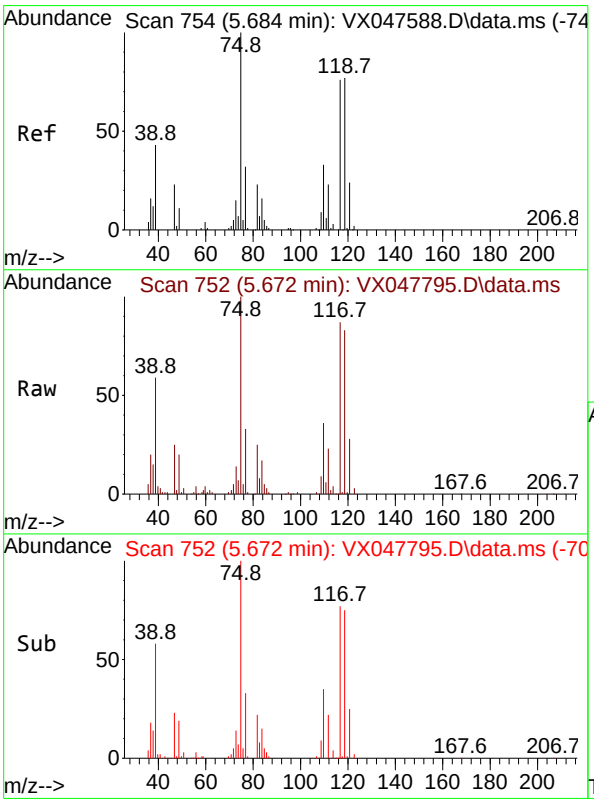
#35
Dibromofluoromethane
Concen: 52.379 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 86395

Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.9	121.3
192	18.4	14.2	21.4

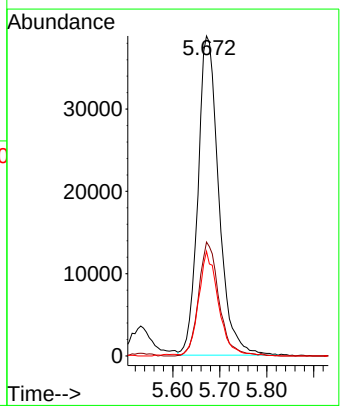


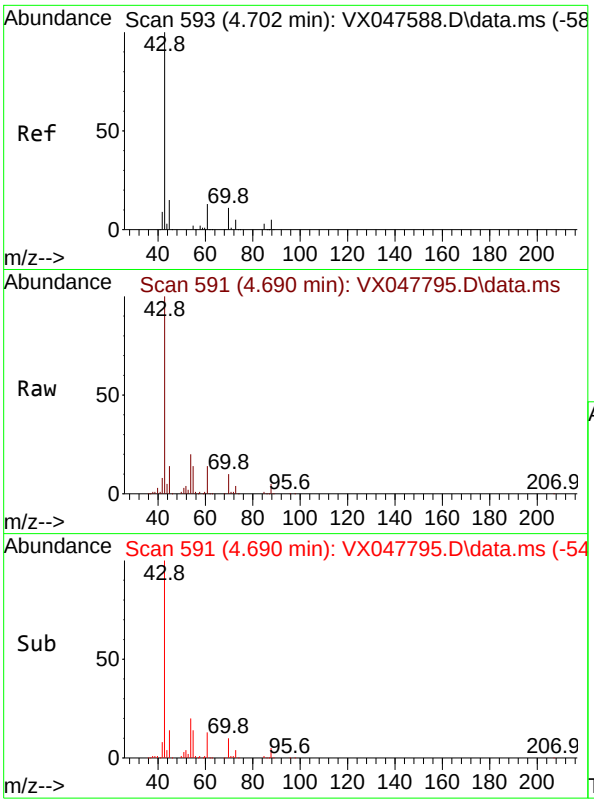


#36
1,1-Dichloropropene
Concen: 49.510 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 75 Resp: 119329

Ion	Ratio	Lower	Upper
75	100		
110	34.8	16.7	50.1
77	31.4	24.3	36.5



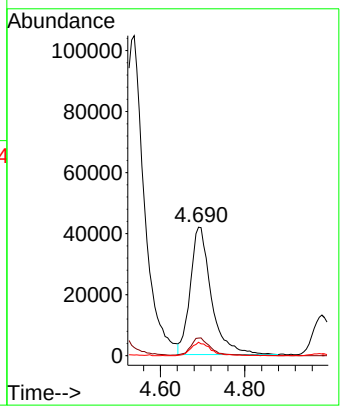


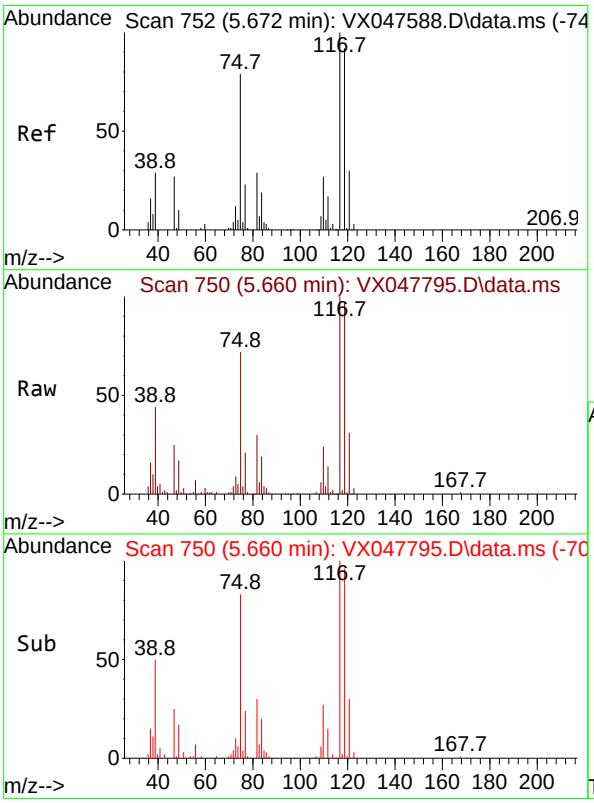
#37
Ethyl Acetate
Concen: 55.984 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 144473

Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.8	14.8
70	9.8	7.9	11.9

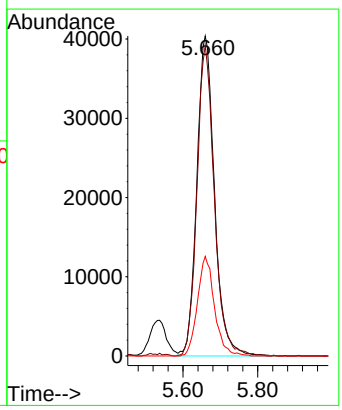


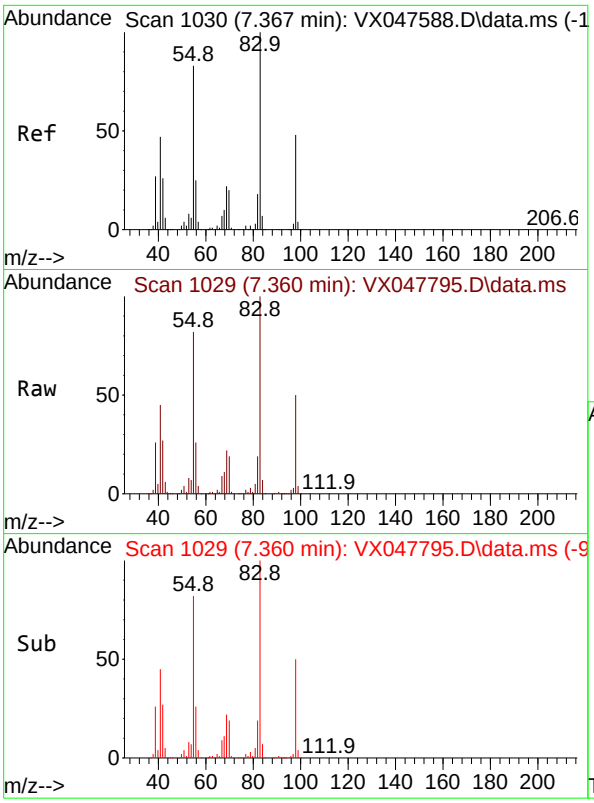


#38
Carbon Tetrachloride
Concen: 50.553 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:117 Resp: 132383

Ion	Ratio	Lower	Upper
117	100		
119	97.2	73.4	110.2
121	31.1	23.8	35.6



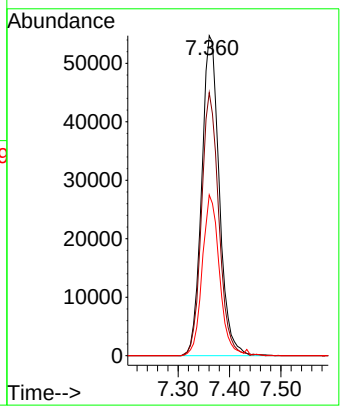


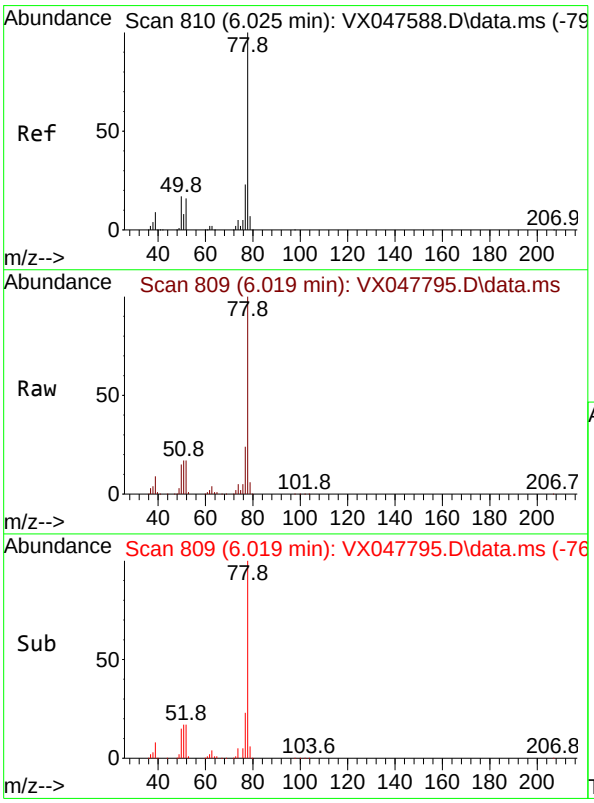
#39
Methylcyclohexane
Concen: 47.613 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 130264

Ion	Ratio	Lower	Upper
83	100		
55	82.2	66.4	99.6
98	50.3	38.1	57.1

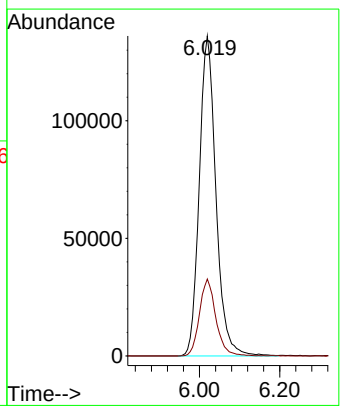


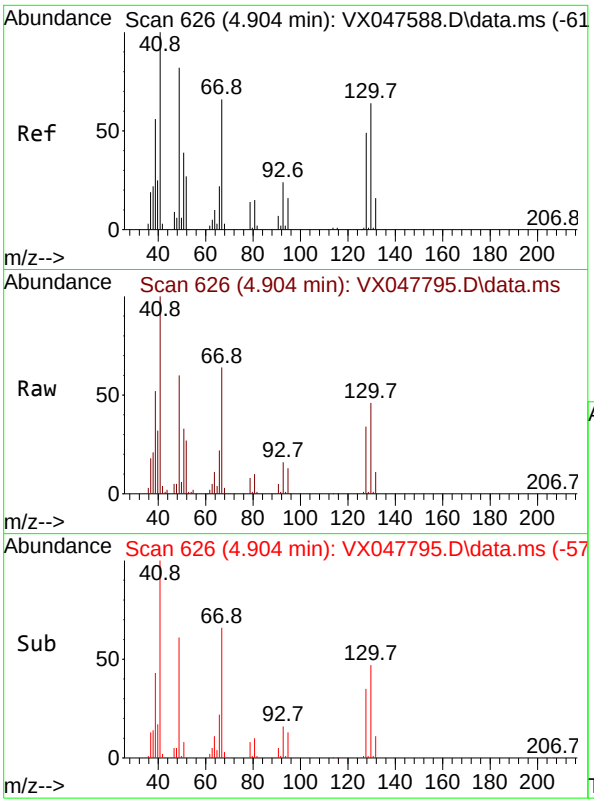


#40
Benzene
Concen: 53.689 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 78 Resp: 393020

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2



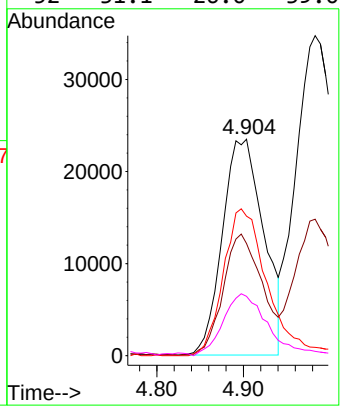


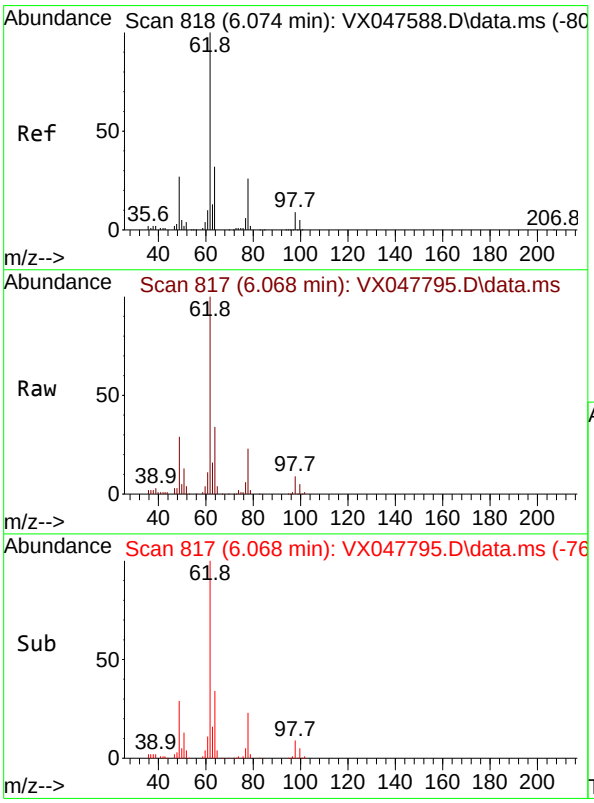
#41
Methacrylonitrile
Concen: 58.352 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 77739

Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.3	64.9
67	73.2	58.6	87.8
52	31.1	26.0	39.0

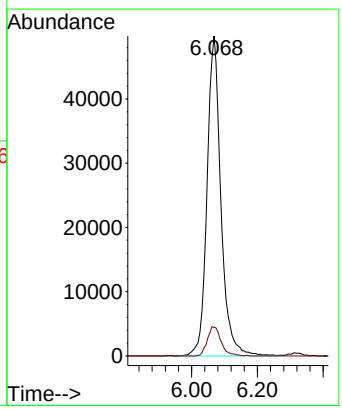


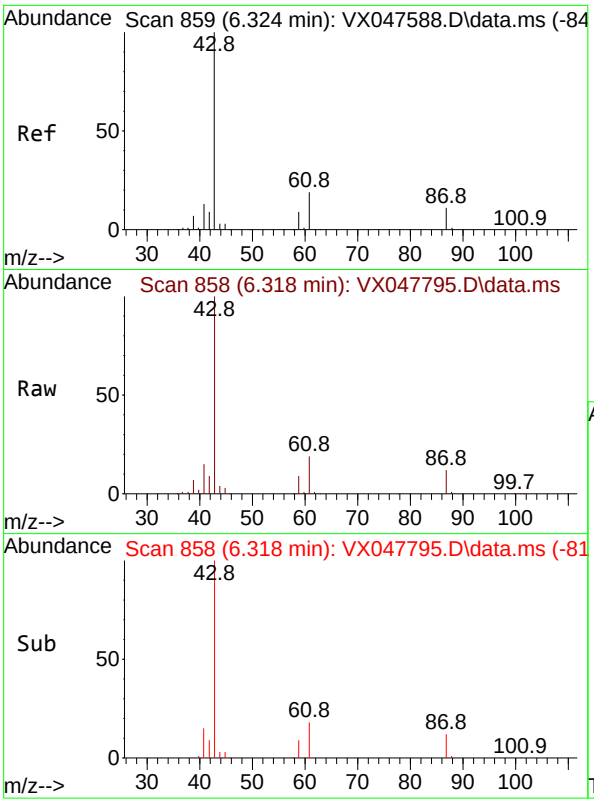


#42
1,2-Dichloroethane
Concen: 52.455 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 62 Resp: 146101

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0



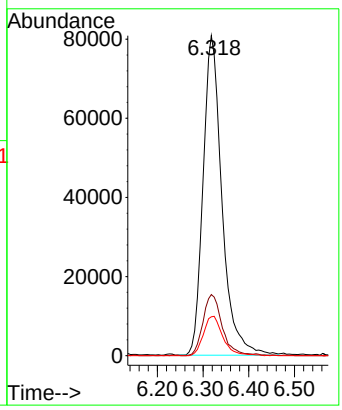


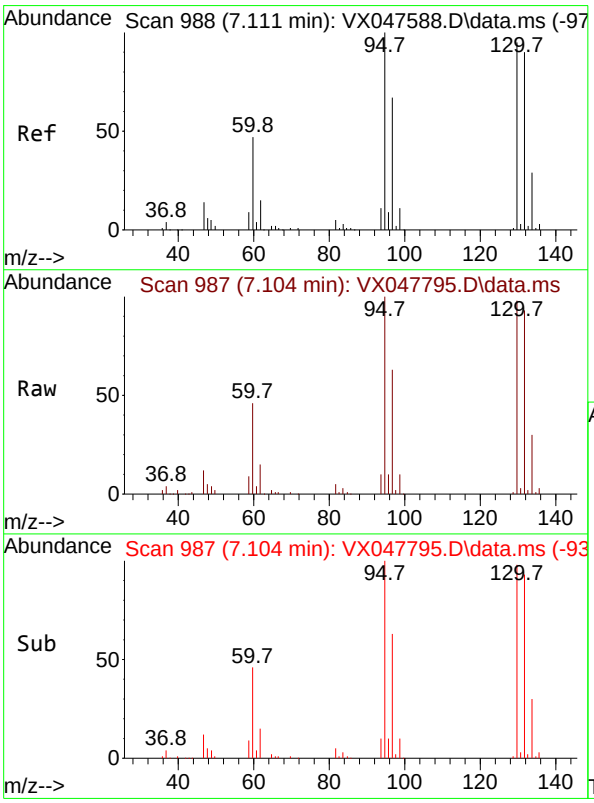
#43
Isopropyl Acetate
Concen: 54.813 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 231987

Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.2	22.8
87	12.7	9.6	14.4

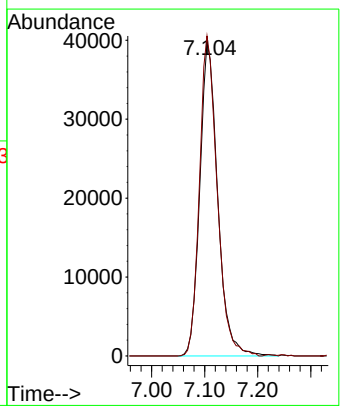


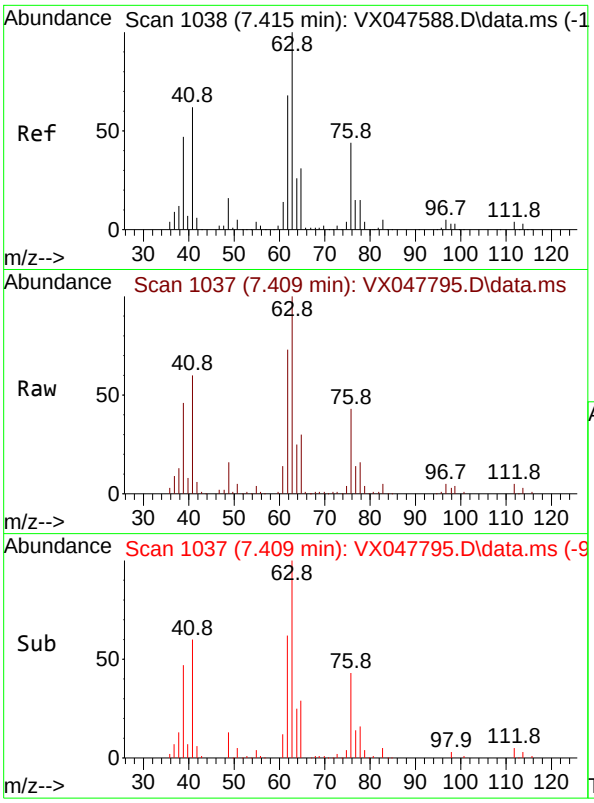


#44
Trichloroethene
Concen: 52.779 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:130 Resp: 93408

Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	210.8



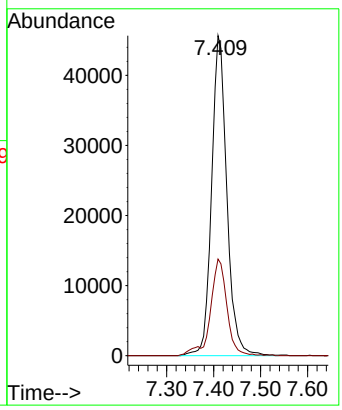


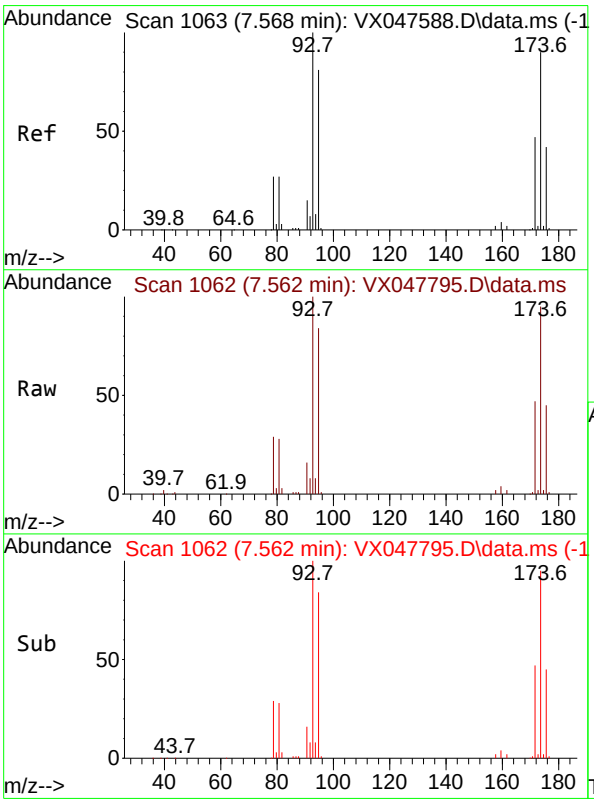
#45
1,2-Dichloropropane
Concen: 54.802 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 102723

Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.7	37.1

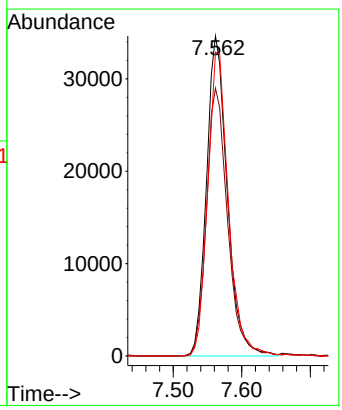


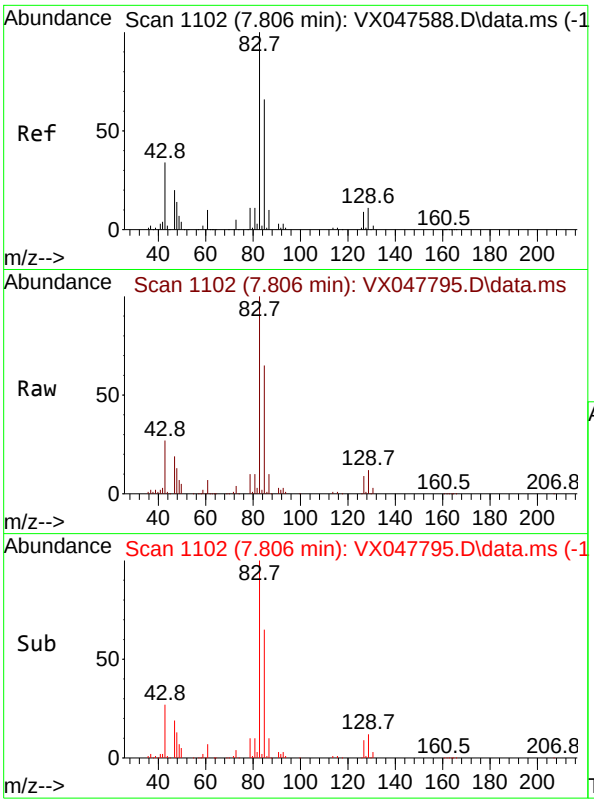


#46
Dibromomethane
Concen: 53.611 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 93 Resp: 73128

Ion	Ratio	Lower	Upper
93	100		
95	85.0	65.0	97.6
174	94.9	71.6	107.4



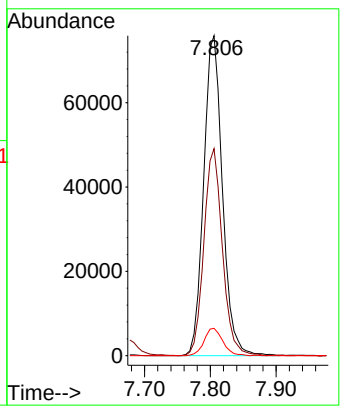


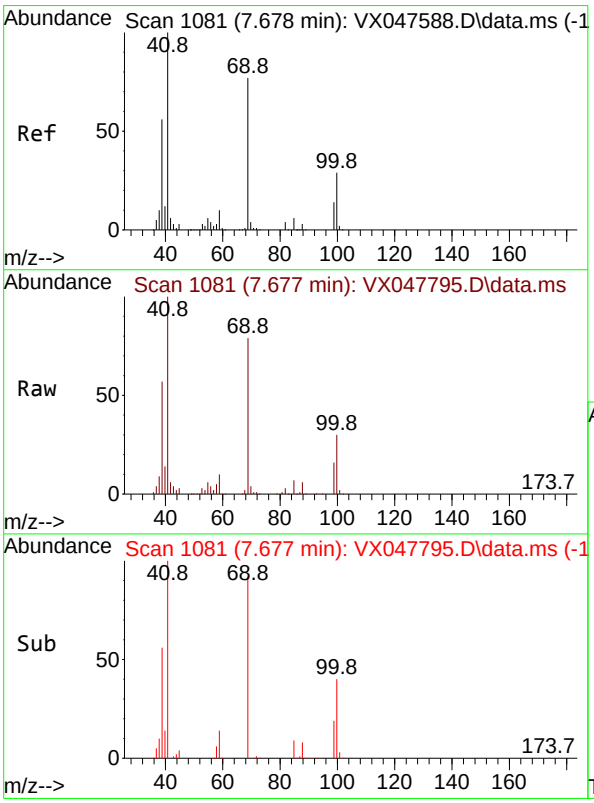
#47
Bromodichloromethane
Concen: 53.552 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 150738

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7
127	8.5	6.9	10.3

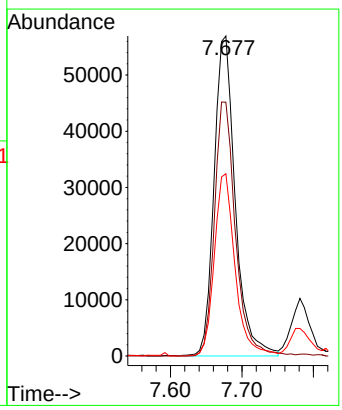


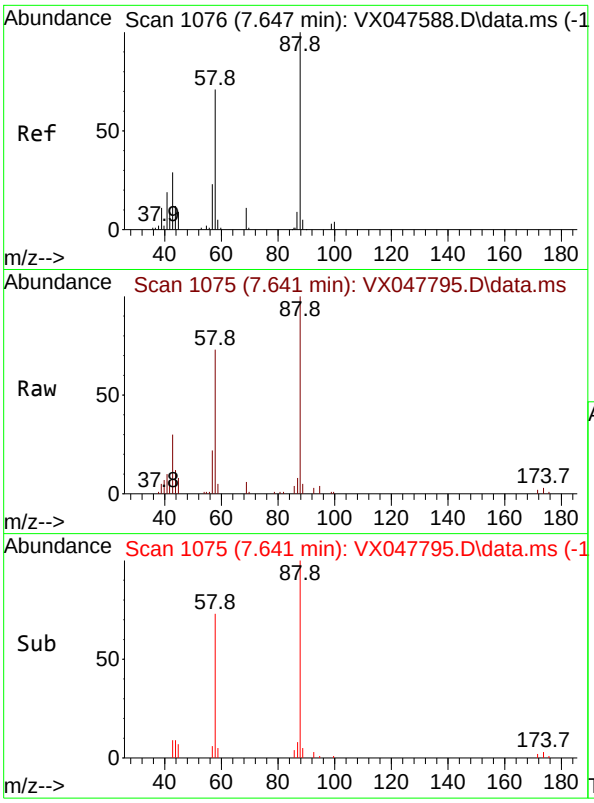


#48
Methyl methacrylate
Concen: 55.683 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 41 Resp: 117391

Ion	Ratio	Lower	Upper
41	100		
69	78.8	61.4	92.2
39	55.9	45.8	68.6



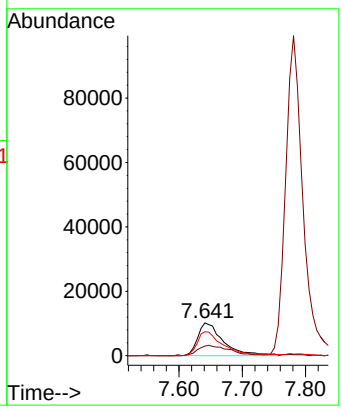


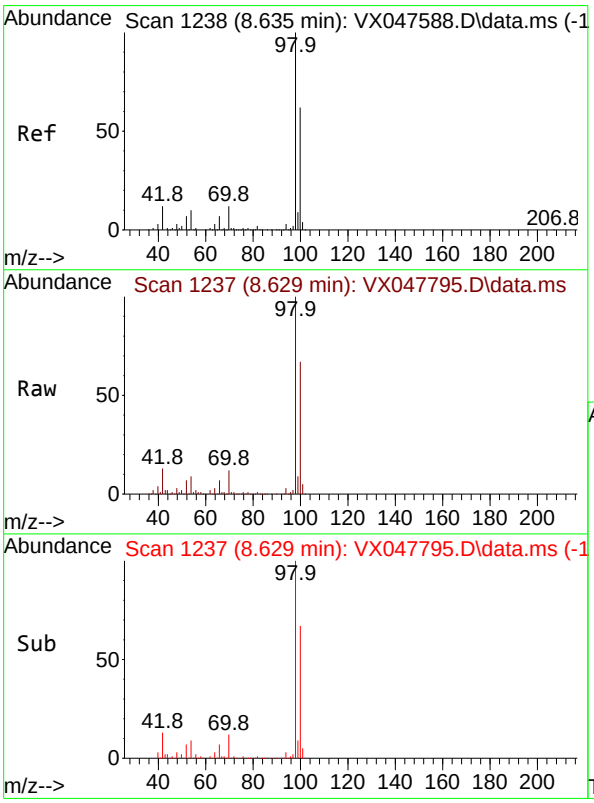
#49
1,4-Dioxane
Concen: 1335.620 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 28456

Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.2	45.2
58	75.4	59.5	89.3

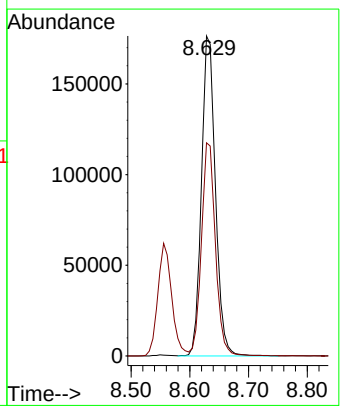


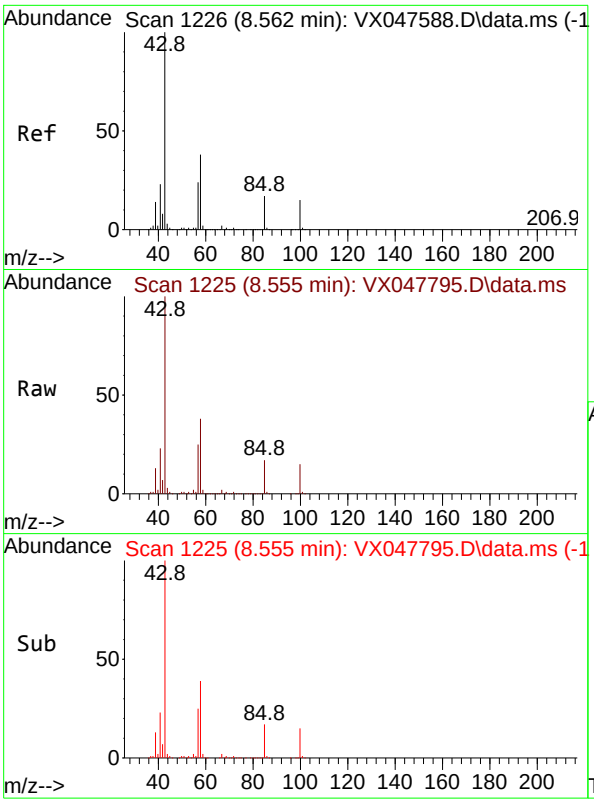


#50
Toluene-d8
Concen: 50.933 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 98 Resp: 290687

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4



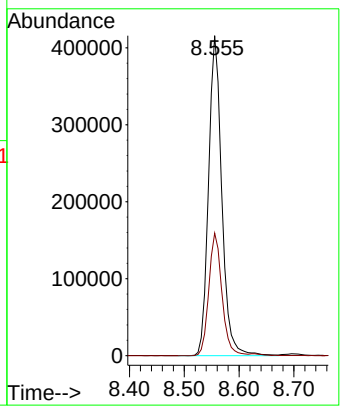


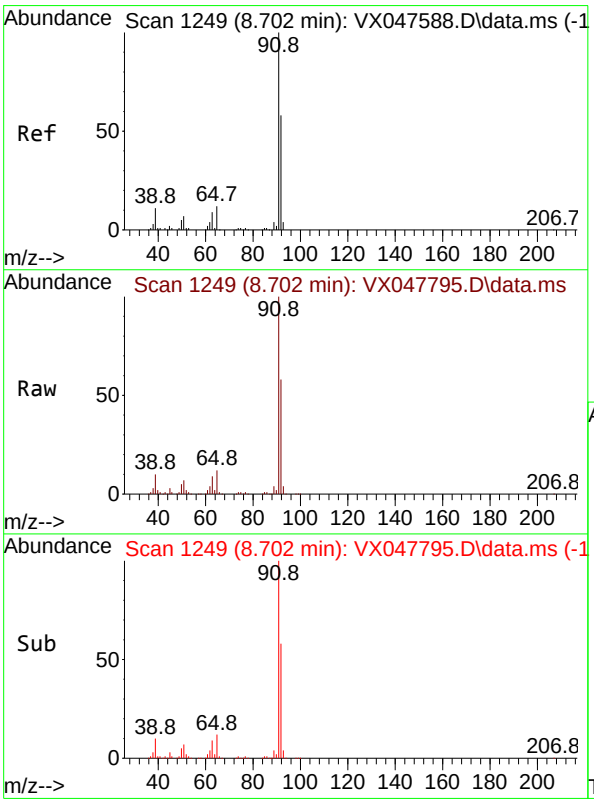
#51
4-Methyl-2-Pentanone
Concen: 296.468 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 695695

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.3	45.5

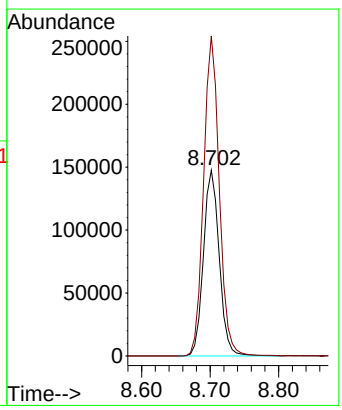


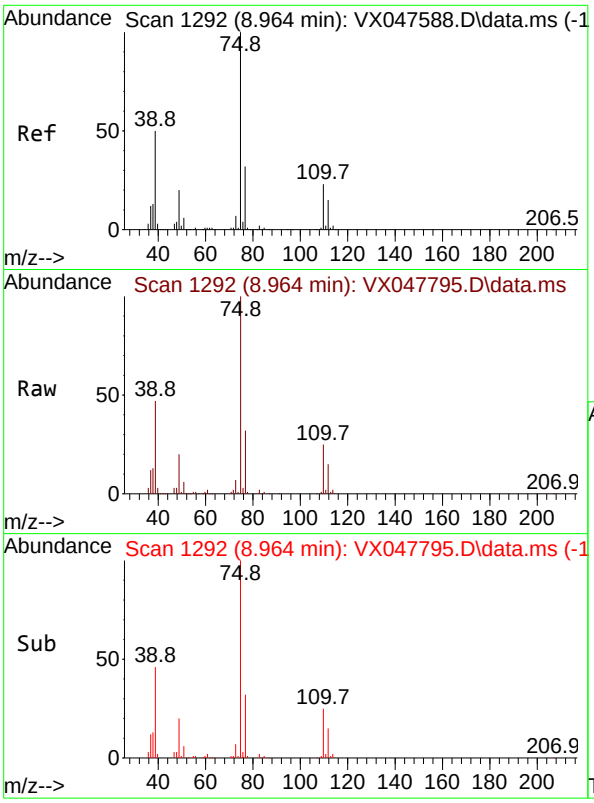


#52
Toluene
Concen: 52.436 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 92 Resp: 236487

Ion	Ratio	Lower	Upper
92	100		
91	171.1	137.1	205.7



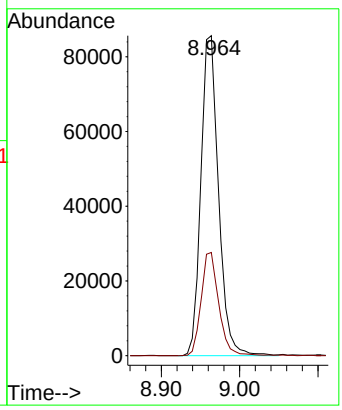


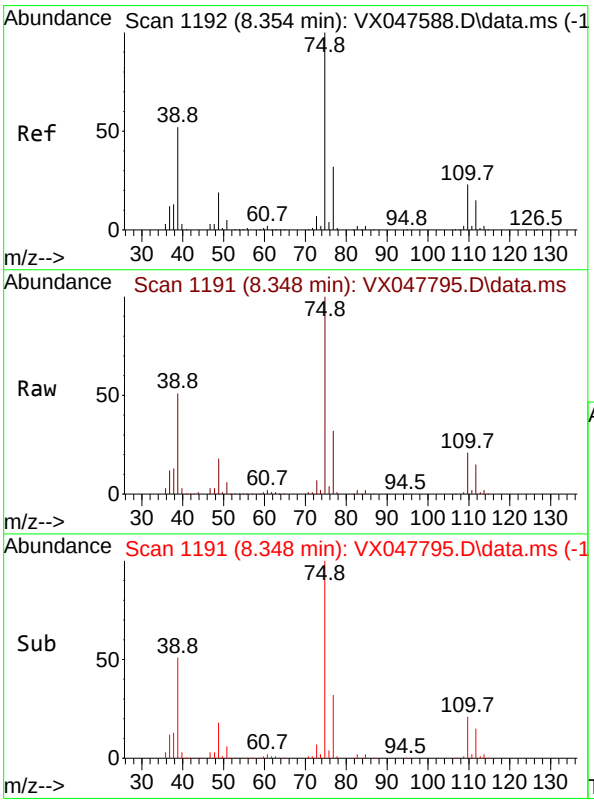
#53
t-1,3-Dichloropropene
Concen: 46.584 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 133747

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2

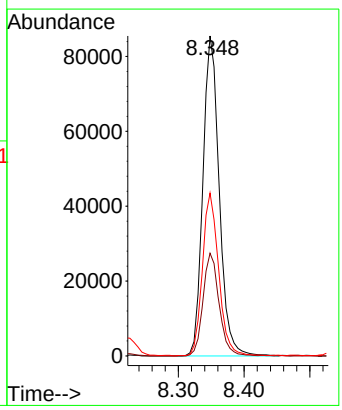


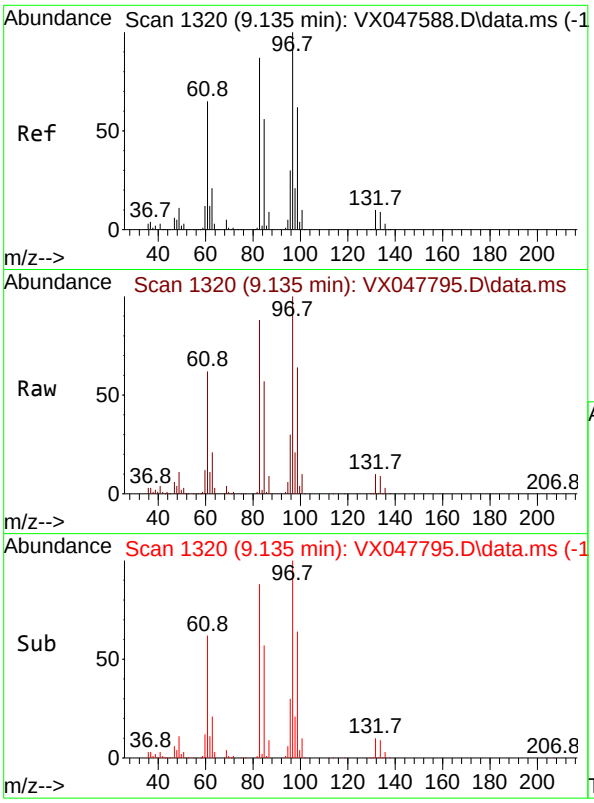


#54
cis-1,3-Dichloropropene
Concen: 48.178 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 75 Resp: 147846

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
39	50.1	41.4	62.2



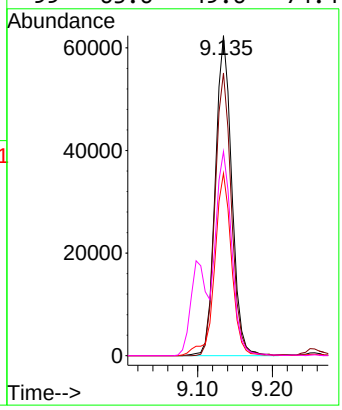


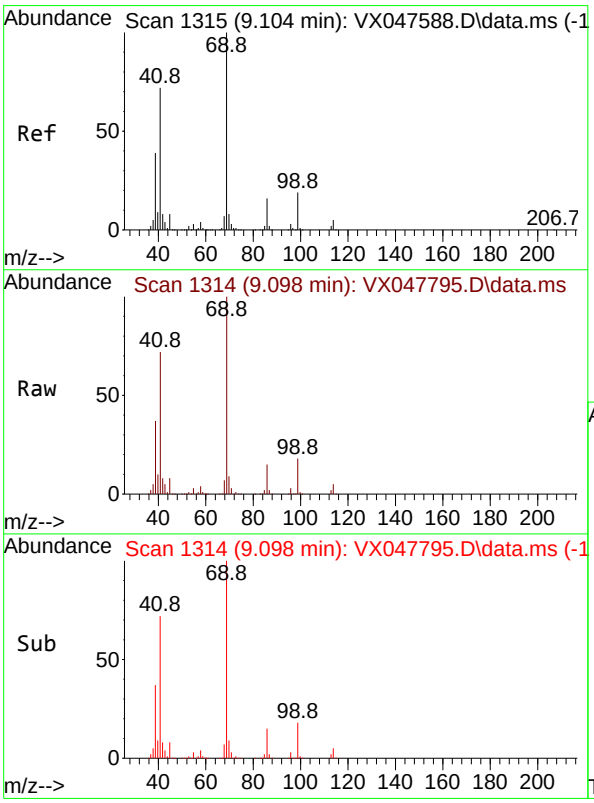
#55
1,1,2-Trichloroethane
Concen: 55.106 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 95832

Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.6	104.4
85	56.9	45.0	67.6
99	63.6	49.6	74.4

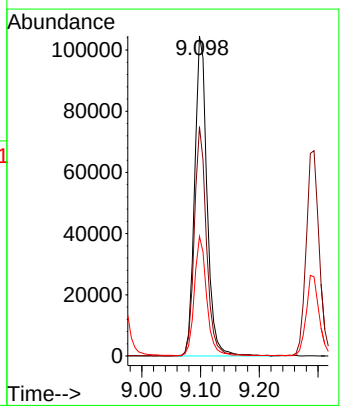


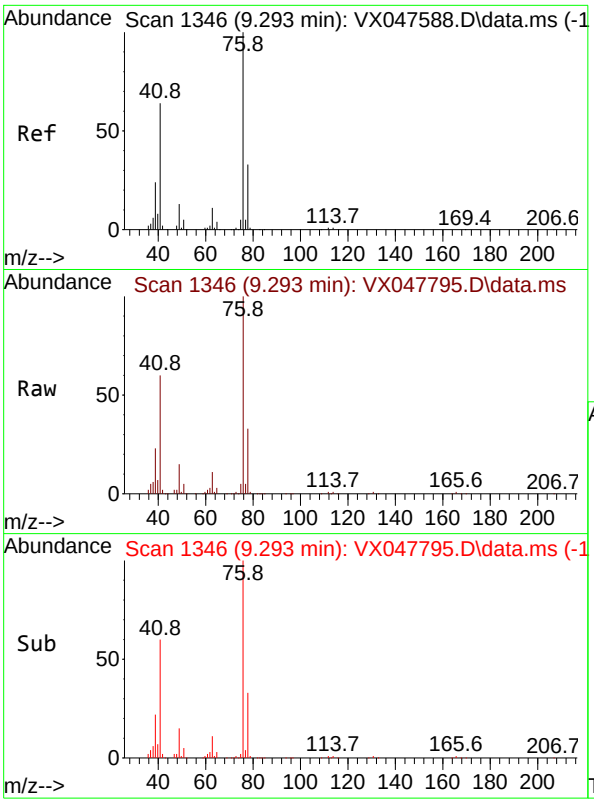


#56
Ethyl methacrylate
Concen: 56.190 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 69 Resp: 153461

Ion	Ratio	Lower	Upper
69	100		
41	70.7	58.6	87.8
39	36.7	31.5	47.3



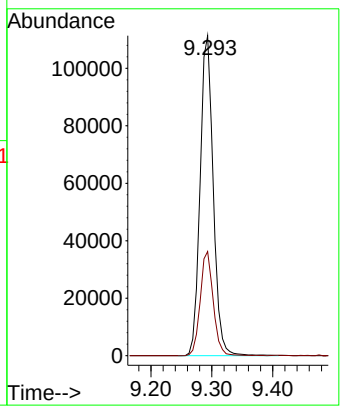


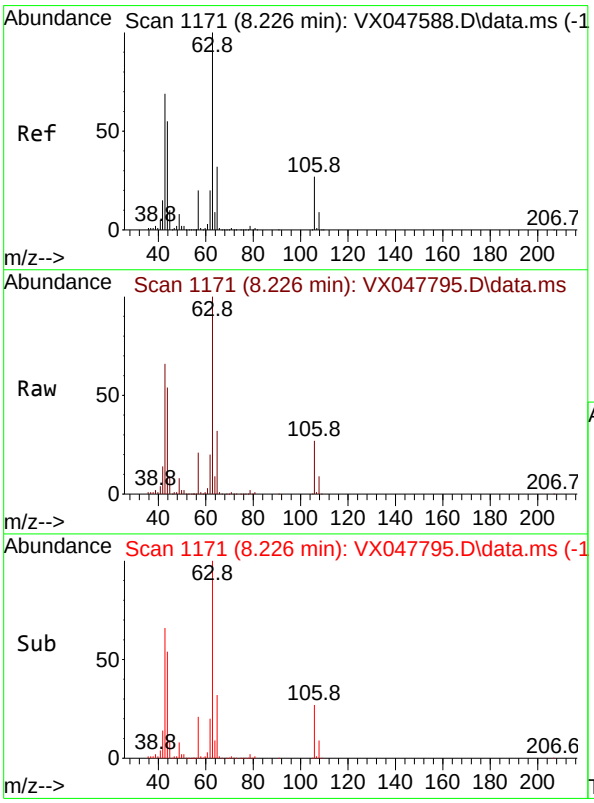
#57
1,3-Dichloropropane
Concen: 55.801 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 166700

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4

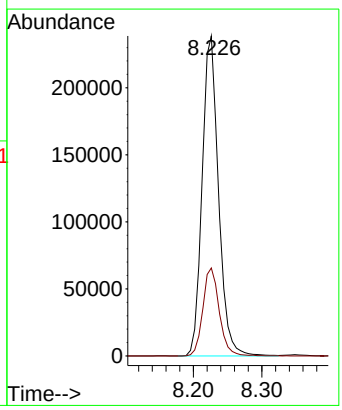


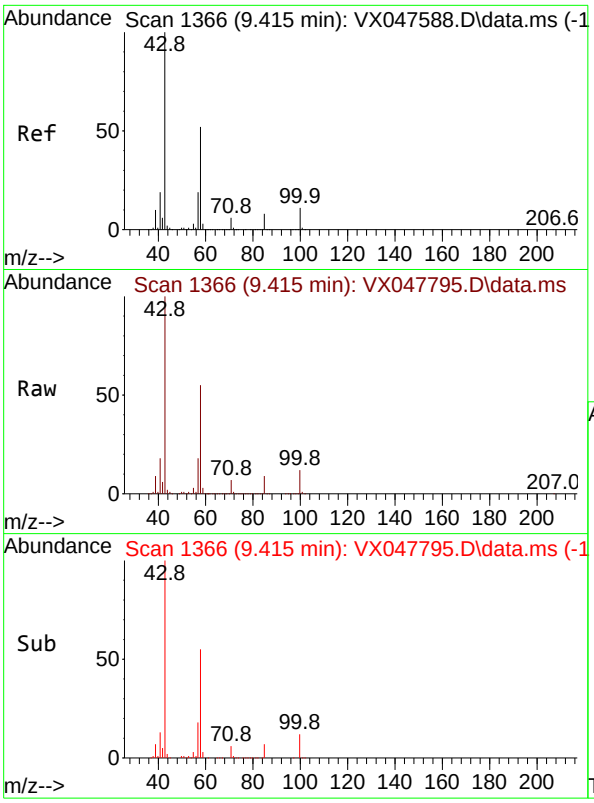


#58
2-Chloroethyl Vinyl ether
Concen: 300.637 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 63 Resp: 397473

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9



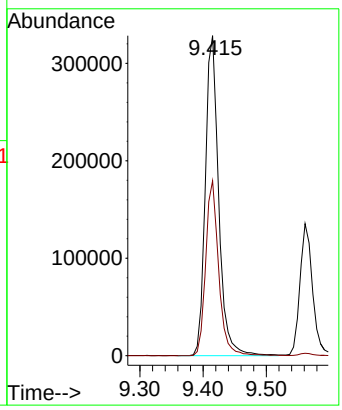


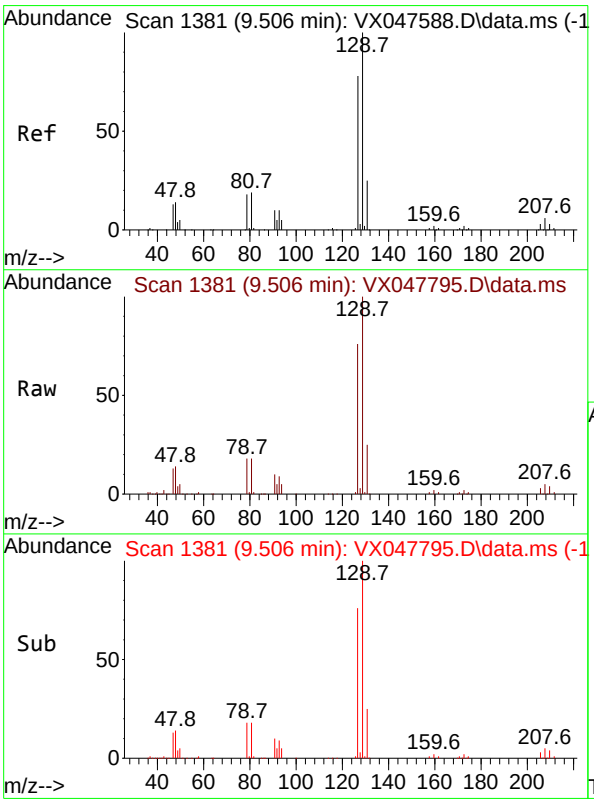
#59
2-Hexanone
Concen: 285.853 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 481760

Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.1	78.2

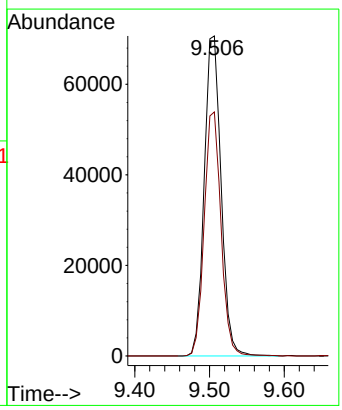


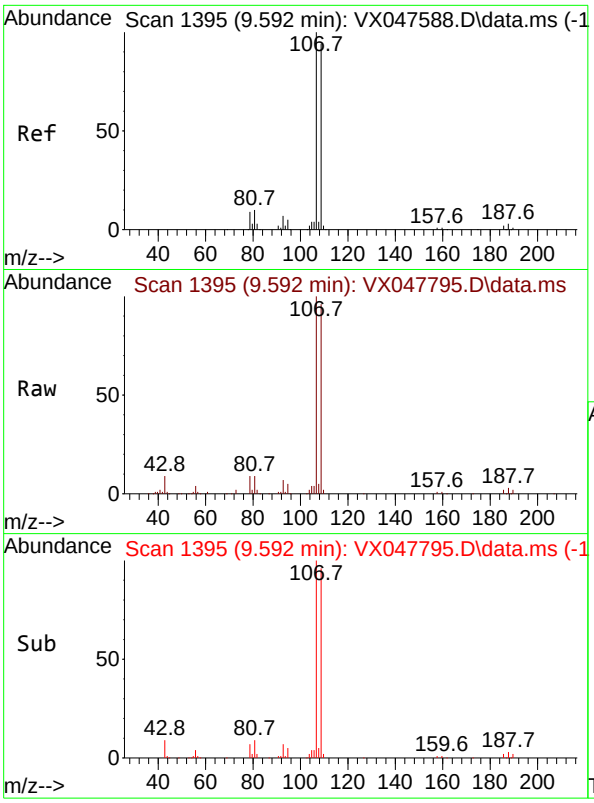


#60
Dibromochloromethane
Concen: 55.147 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:129 Resp: 110503

Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.4	115.2



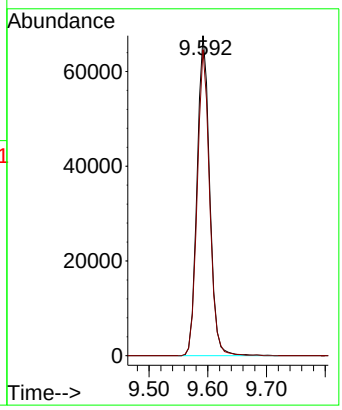


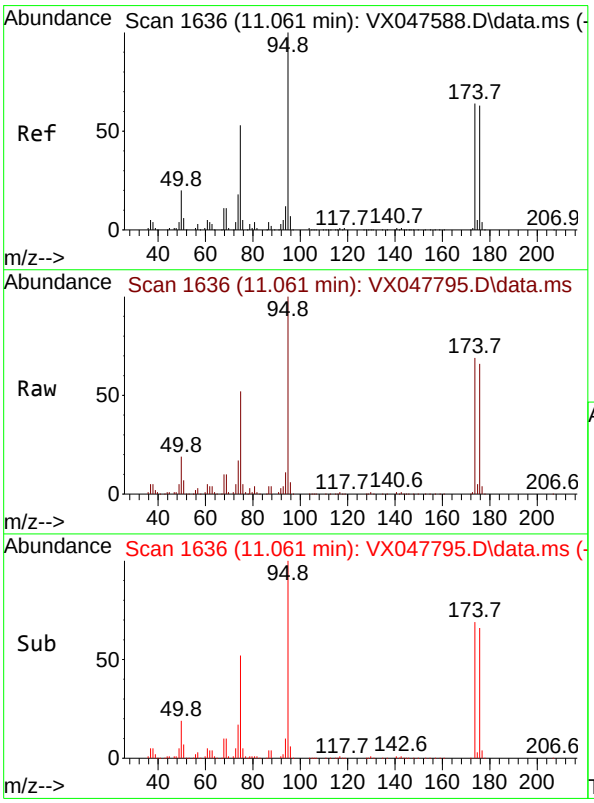
#61
1,2-Dibromoethane
Concen: 56.807 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 100623

Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.3	112.9

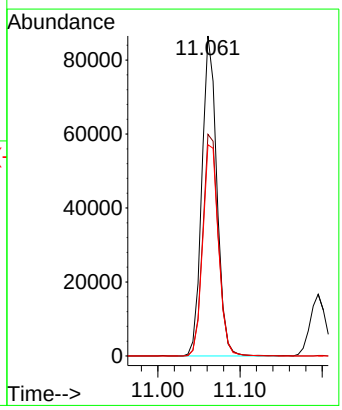


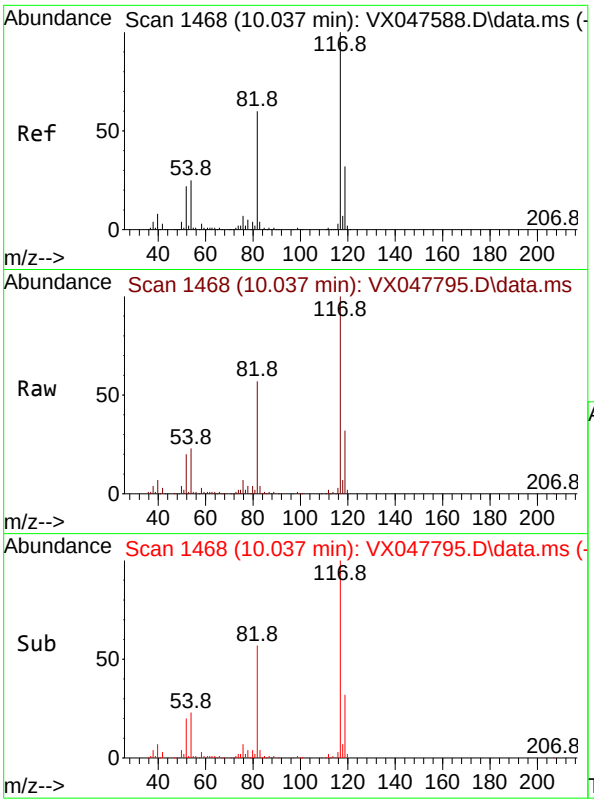


#62
4-Bromofluorobenzene
Concen: 50.317 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 95 Resp: 108988

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	141.6
176	69.5	0.0	138.4



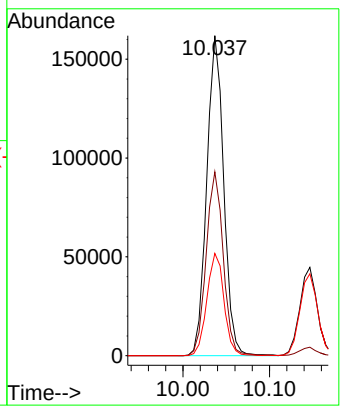


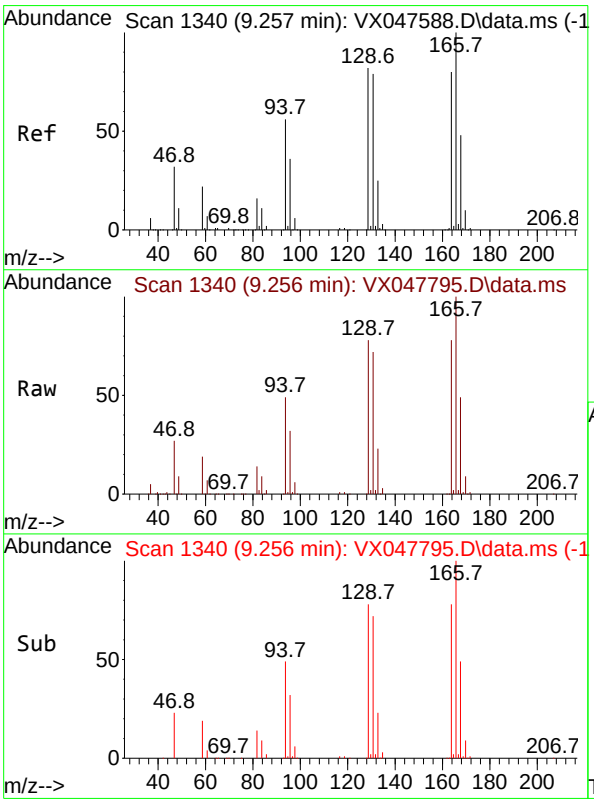
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 220262

Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.8	71.6
119	31.9	25.2	37.8

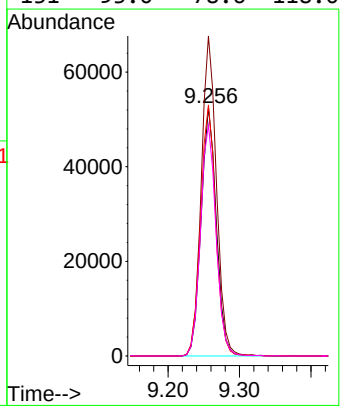


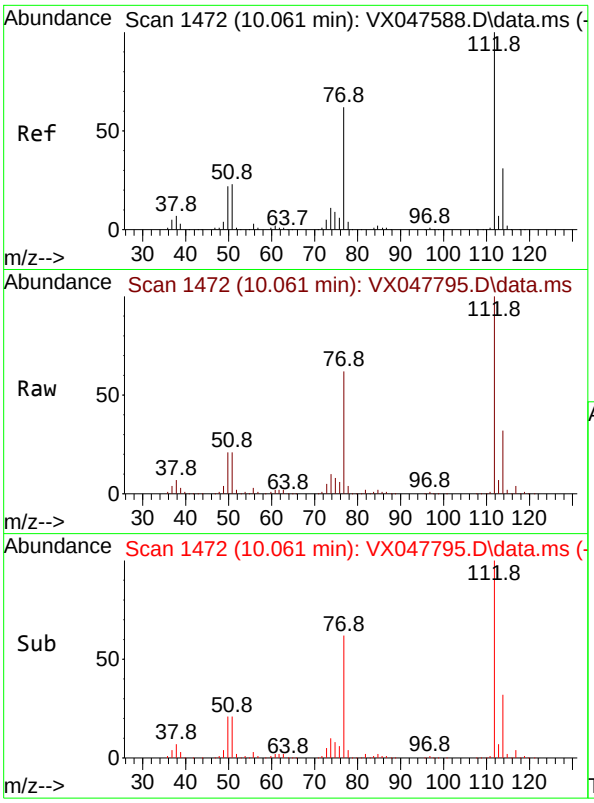


#64
Tetrachloroethene
Concen: 54.134 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:164 Resp: 77730

Ion	Ratio	Lower	Upper
164	100		
166	128.9	100.2	150.2
129	101.1	81.8	122.6
131	93.0	78.6	118.0



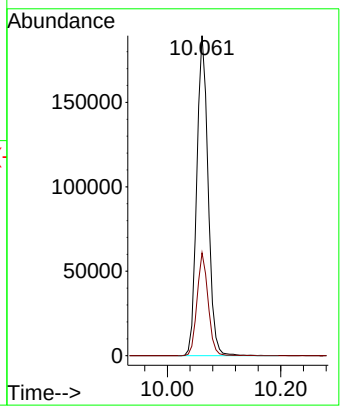


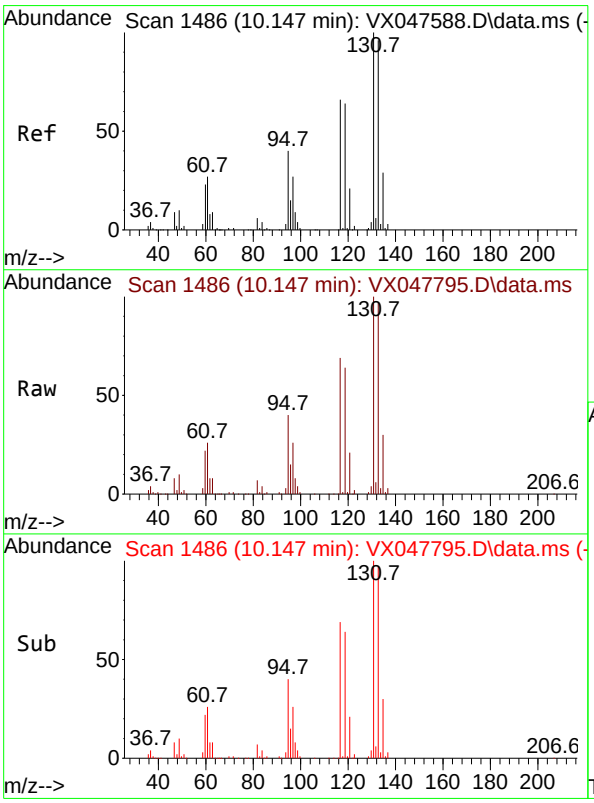
#65
Chlorobenzene
Concen: 52.484 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 262625

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.1	37.7

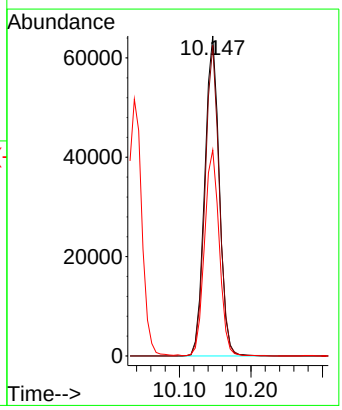


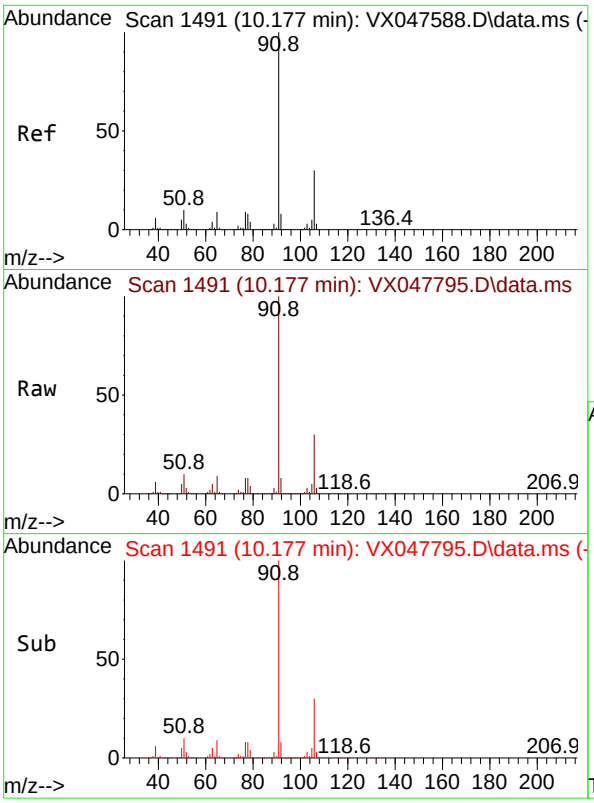


#66
1,1,1,2-Tetrachloroethane
Concen: 52.723 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:131 Resp: 91037

Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.3	142.0
119	65.3	32.0	96.0



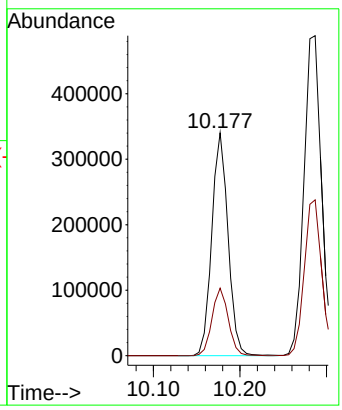


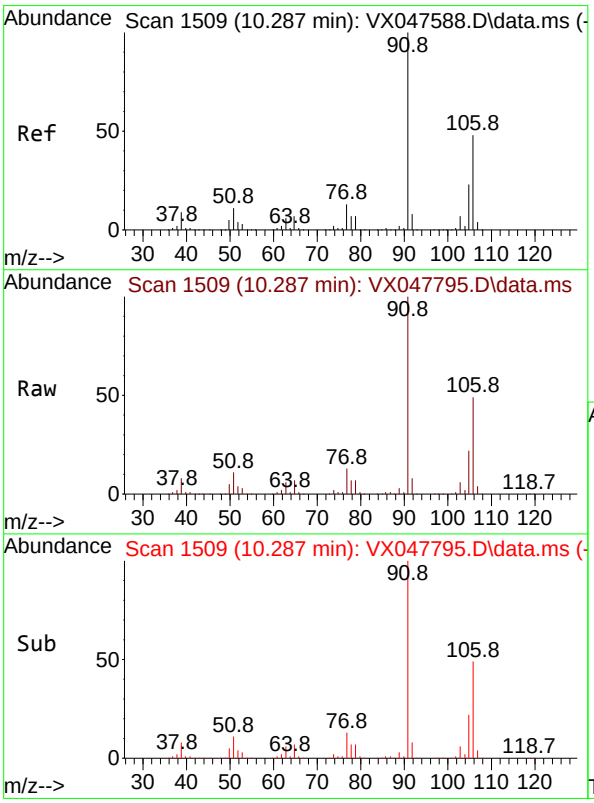
#67
Ethyl Benzene
Concen: 51.323 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 443118

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5

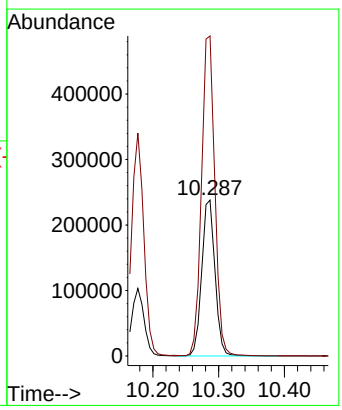


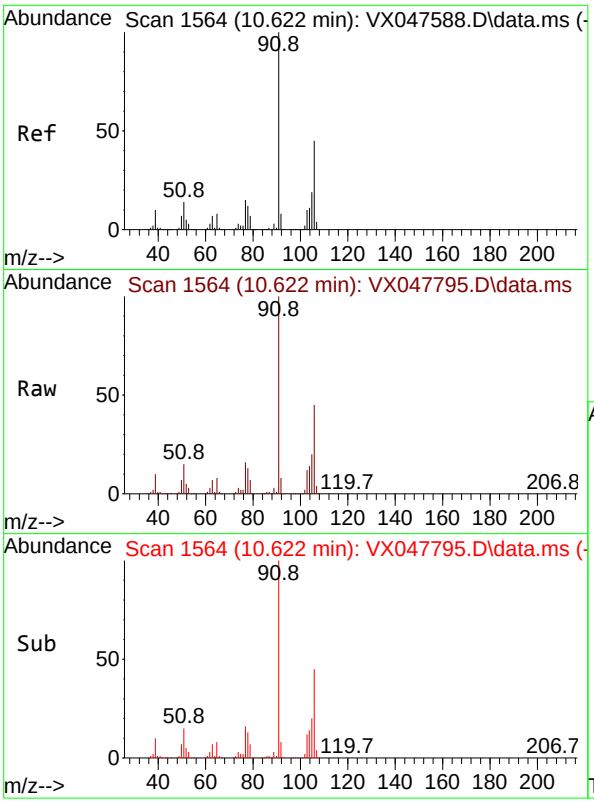


#68
m/p-Xylenes
Concen: 103.770 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:106 Resp: 333476

Ion	Ratio	Lower	Upper
106	100		
91	206.2	167.8	251.8



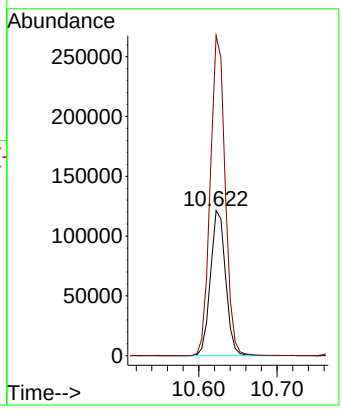


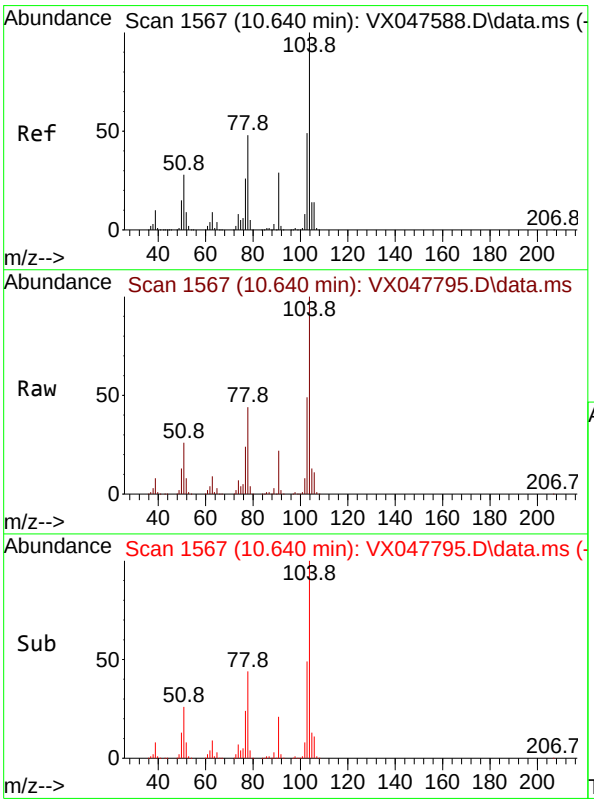
#69
o-Xylene
Concen: 52.252 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 162415

Ion	Ratio	Lower	Upper
106	100		
91	217.6	111.1	333.4

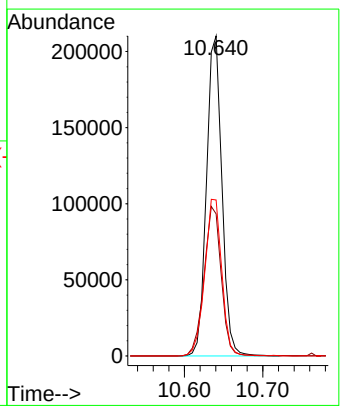


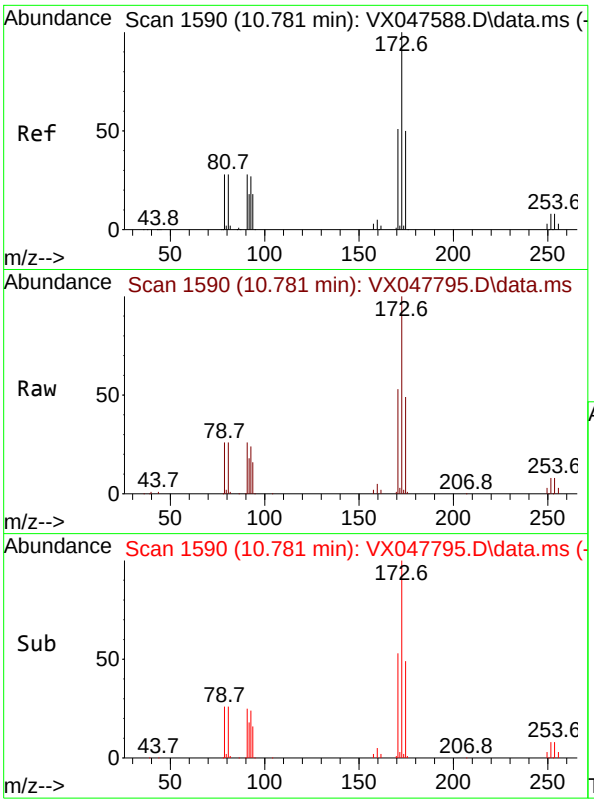


#70
Styrene
Concen: 52.692 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:104 Resp: 286982

Ion	Ratio	Lower	Upper
104	100		
78	52.0	43.1	64.7
103	54.2	43.1	64.7



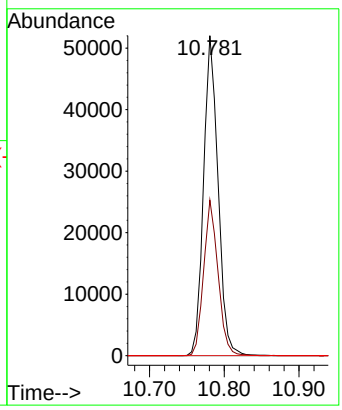


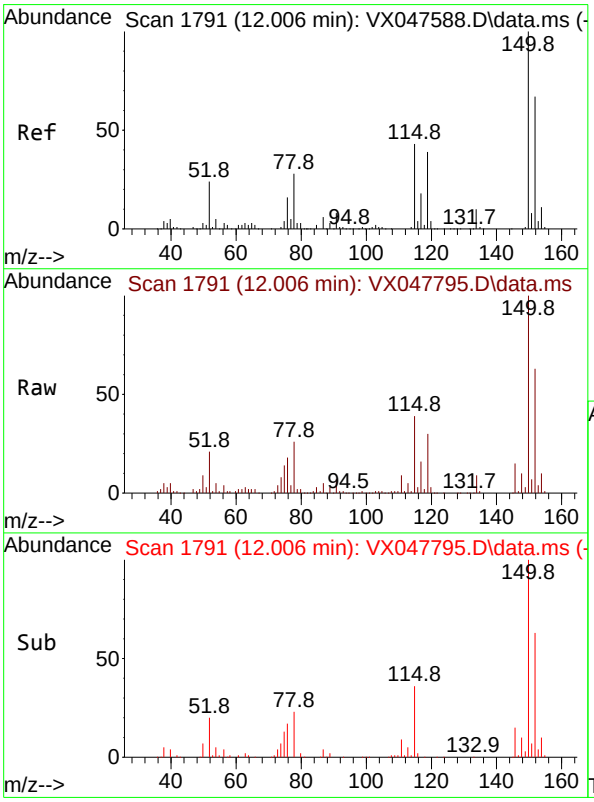
#71
Bromoform
Concen: 54.326 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 70044

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.0	0.1	0.1#

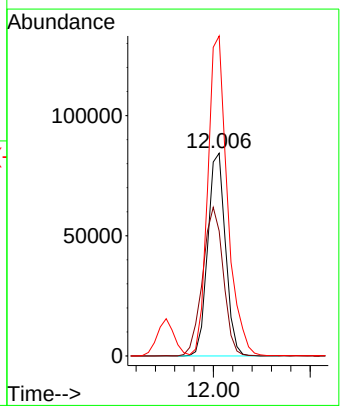


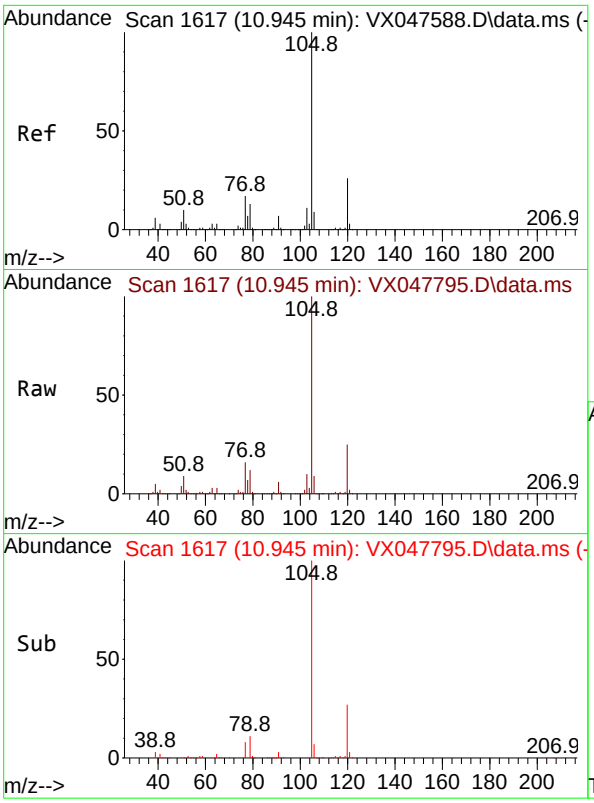


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:152 Resp: 107538

Ion	Ratio	Lower	Upper
152	100		
115	85.6	44.9	134.5
150	174.4	0.0	352.0



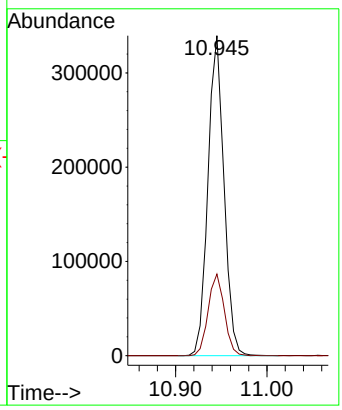


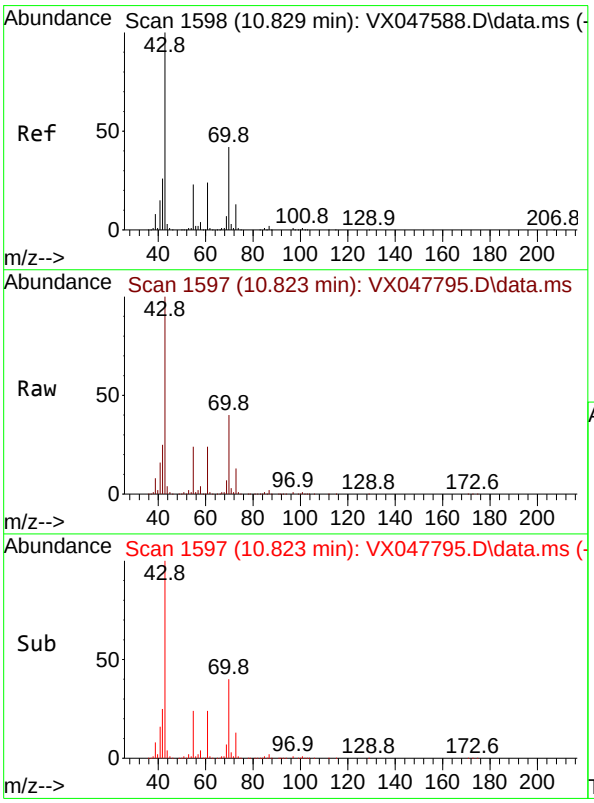
#73
Isopropylbenzene
Concen: 50.350 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 411651

Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.4

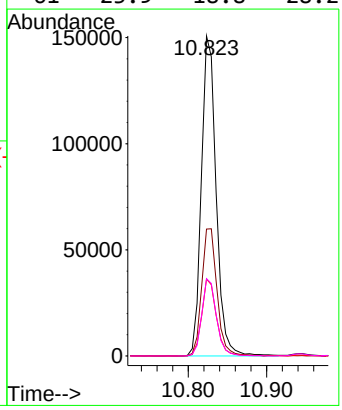


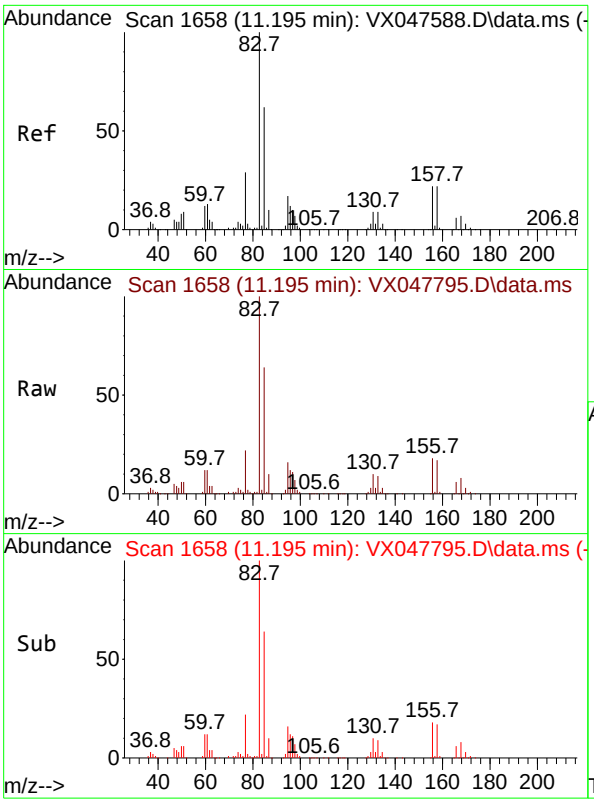


#74
N-amyl acetate
Concen: 52.937 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 197362

Ion	Ratio	Lower	Upper
43	100		
70	41.2	32.0	48.0
55	24.0	18.9	28.3
61	23.9	18.8	28.2



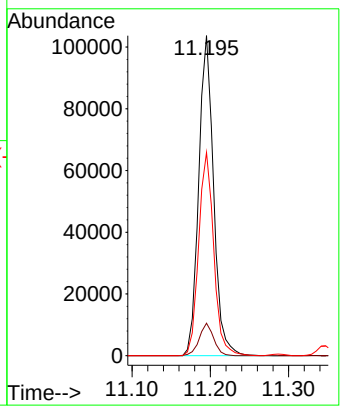


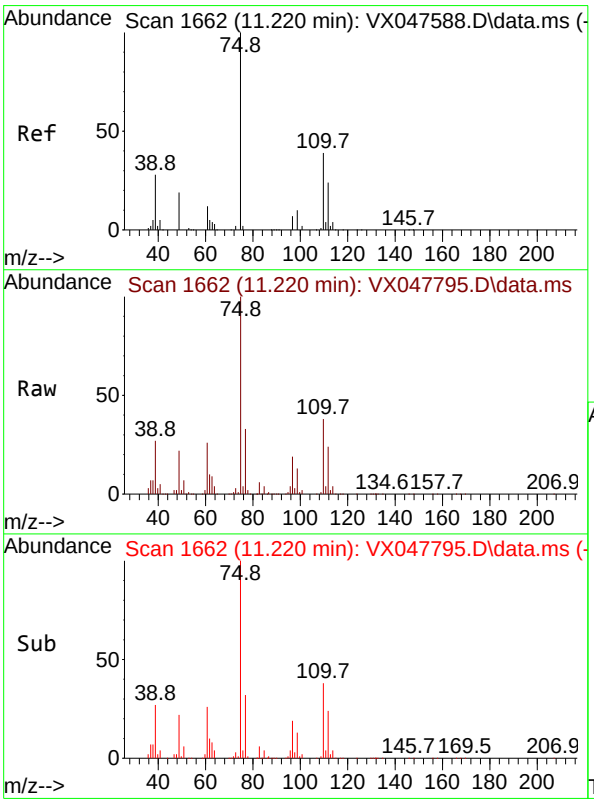
#75
1,1,2,2-Tetrachloroethane
Concen: 55.331 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 136864

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	14.9
85	64.3	31.6	95.0

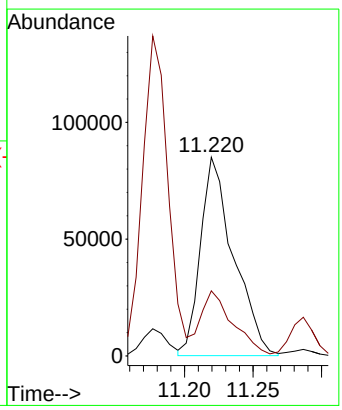


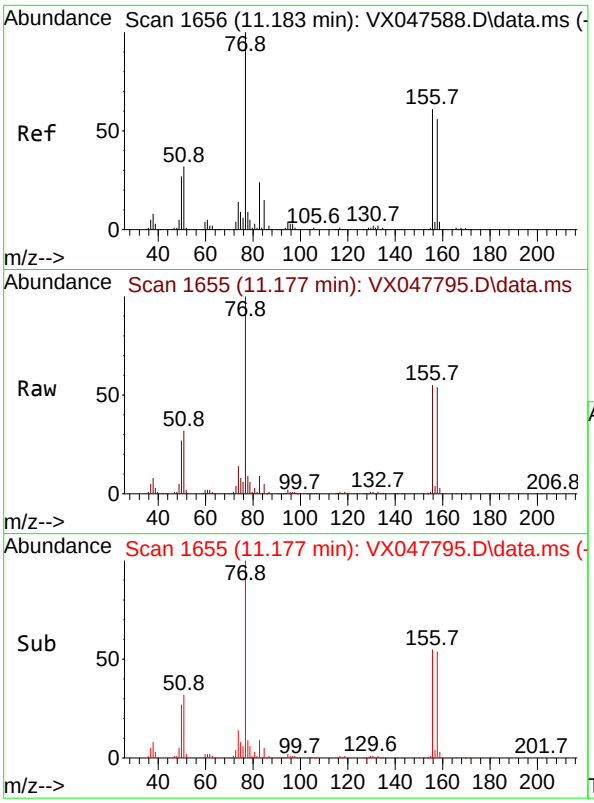


#76
1,2,3-Trichloropropane
Concen: 65.926 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 75 Resp: 143542

Ion	Ratio	Lower	Upper
75	100		
77	32.3	18.8	56.4



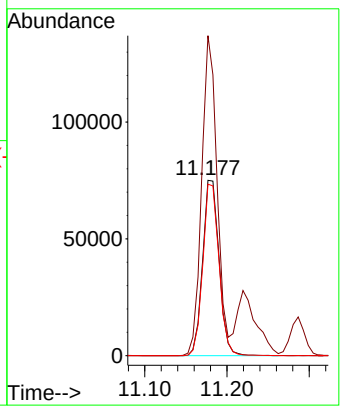


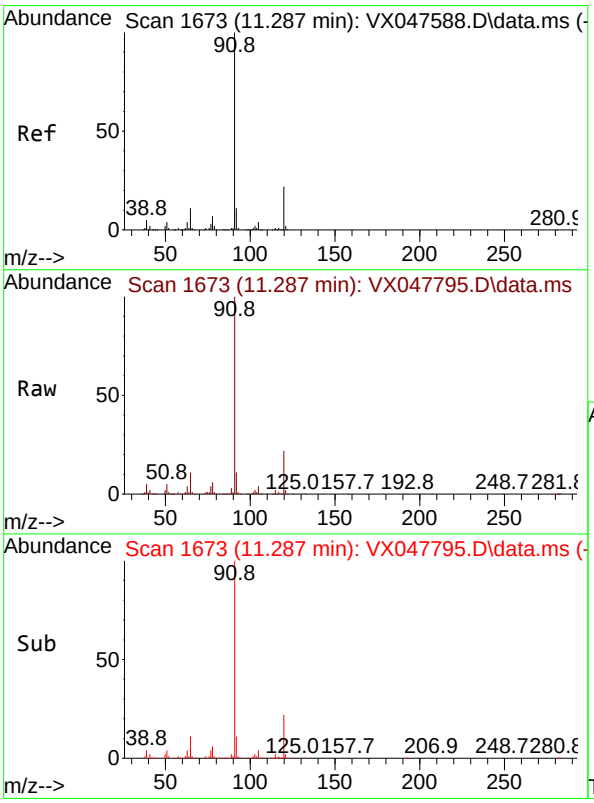
#77
Bromobenzene
Concen: 51.743 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 104192

Ion	Ratio	Lower	Upper
156	100		
77	170.6	89.7	269.1
158	96.6	47.9	143.6

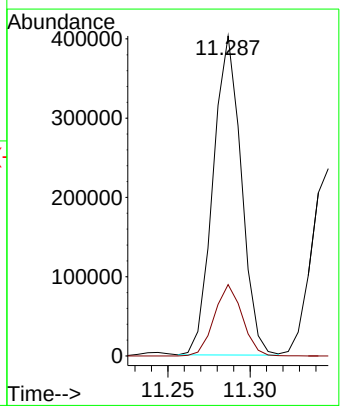


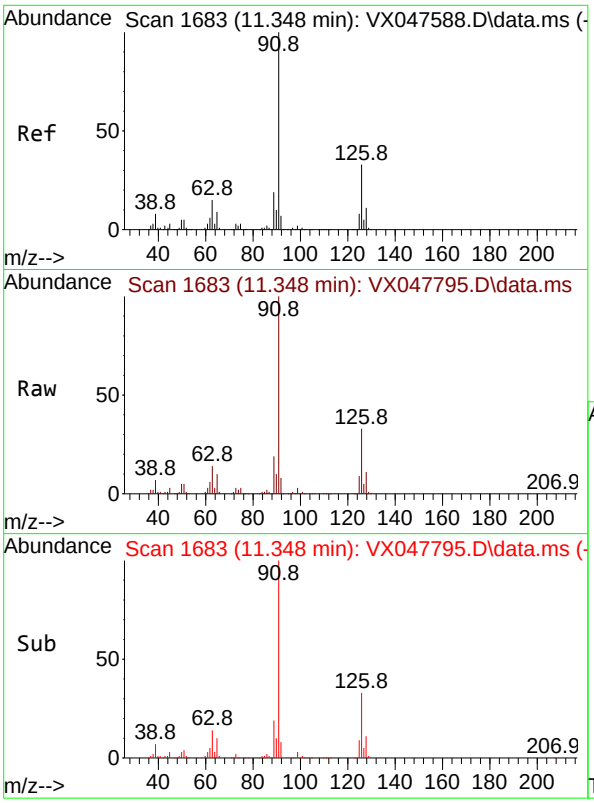


#78
n-propylbenzene
Concen: 49.629 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 91 Resp: 479655

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1



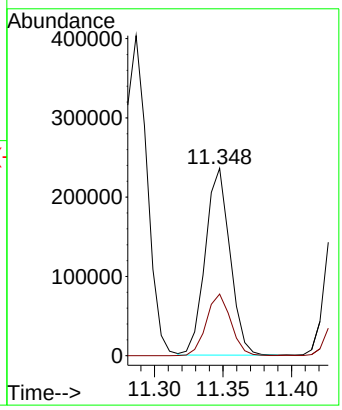


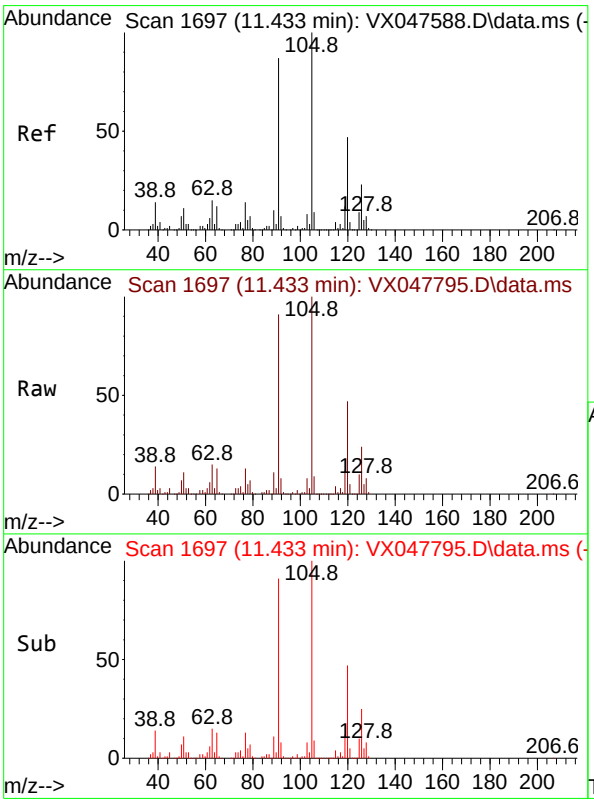
#79
2-Chlorotoluene
Concen: 49.940 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 295615

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.1	48.3

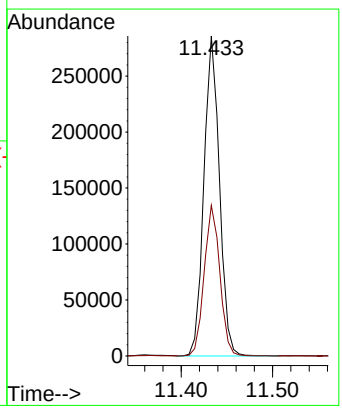


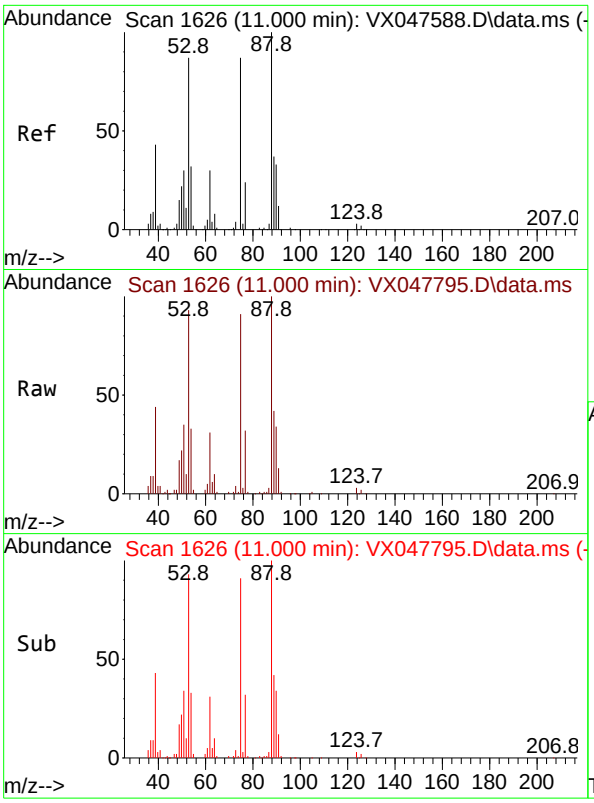


#80
1,3,5-Trimethylbenzene
Concen: 49.936 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:105 Resp: 335426

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.6	70.8



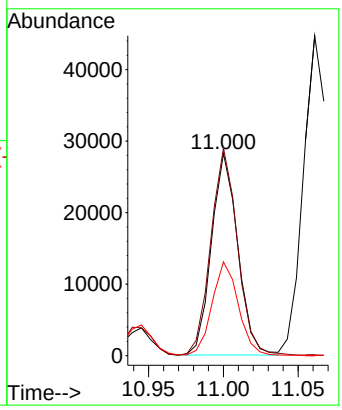


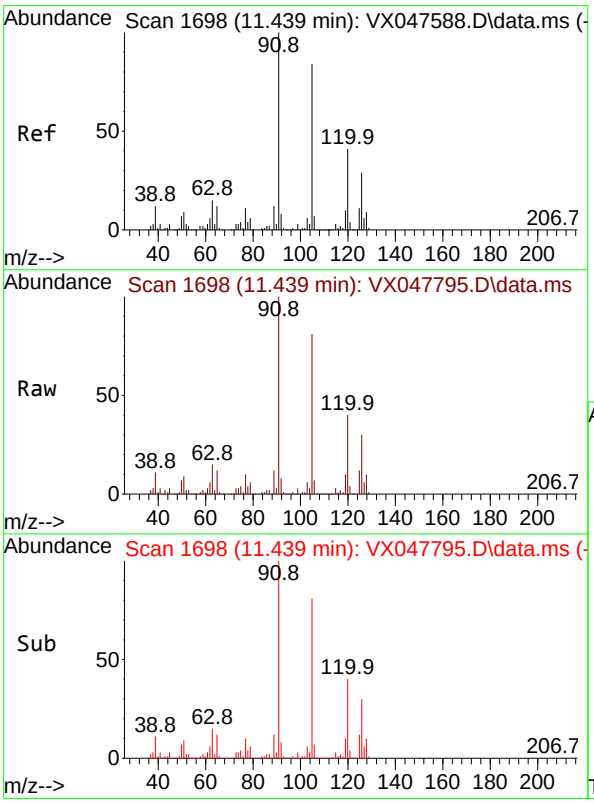
#81
trans-1,4-Dichloro-2-butene
Concen: 40.415 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 34506

Ion	Ratio	Lower	Upper
75	100		
53	105.3	83.4	125.2
89	46.9	36.3	54.5

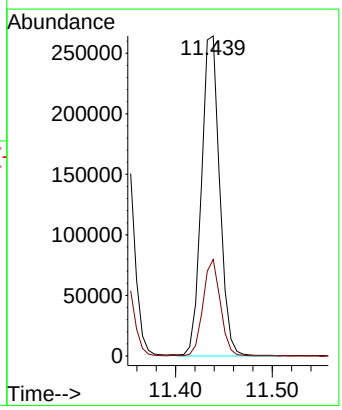


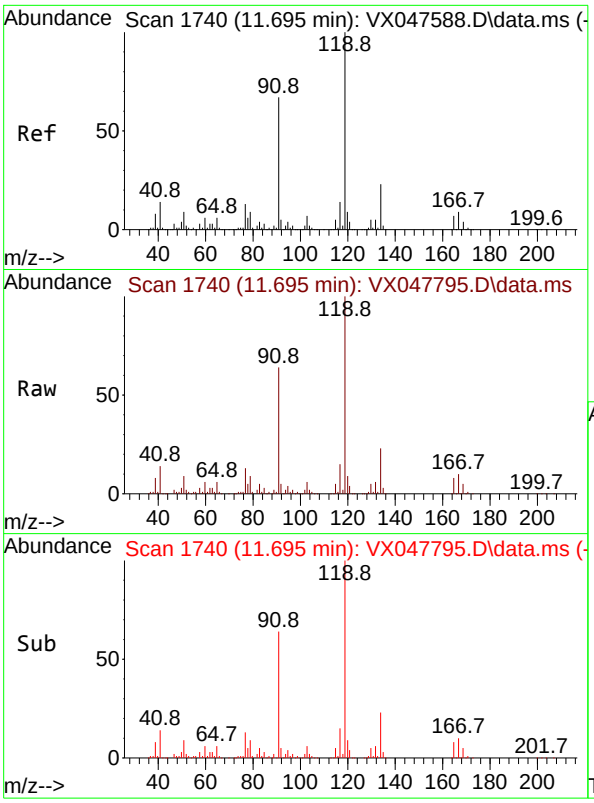


#82
4-Chlorotoluene
Concen: 49.519 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 91 Resp: 346198

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.2	42.6



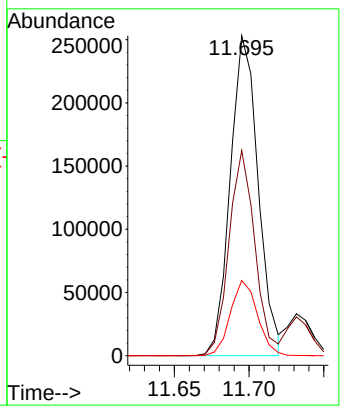


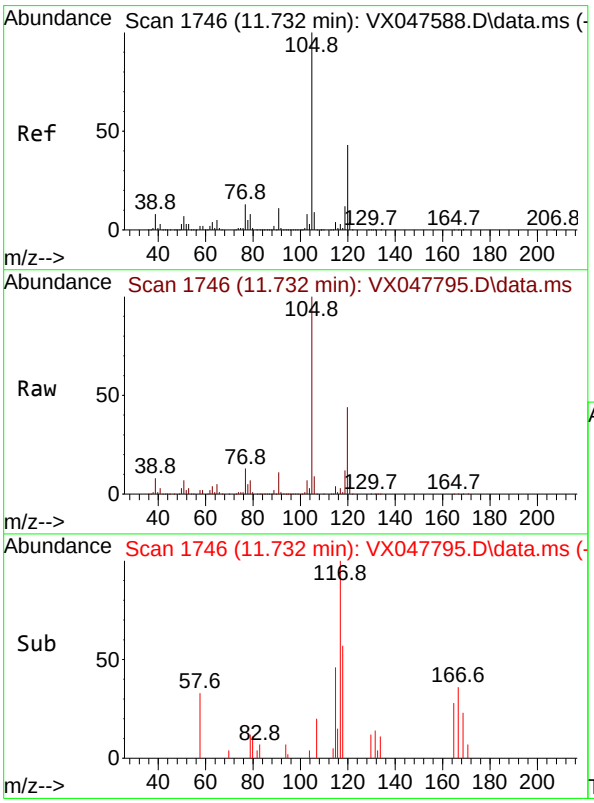
#83
tert-Butylbenzene
Concen: 47.721 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 328139

Ion	Ratio	Lower	Upper
119	100		
91	59.7	29.6	88.8
134	22.9	11.0	33.0

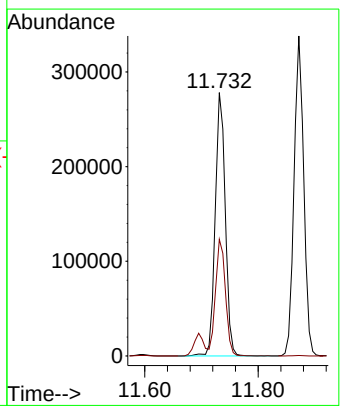


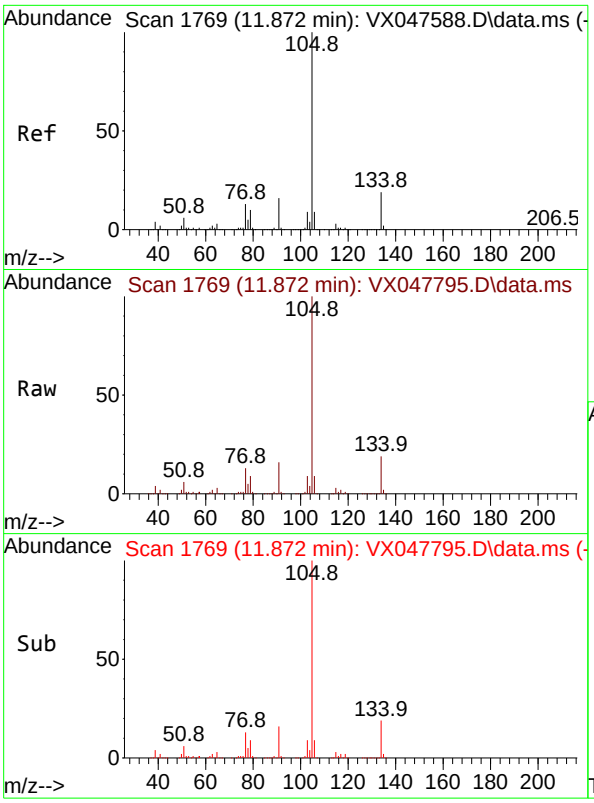


#84
1,2,4-Trimethylbenzene
Concen: 50.330 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:105 Resp: 342751

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1



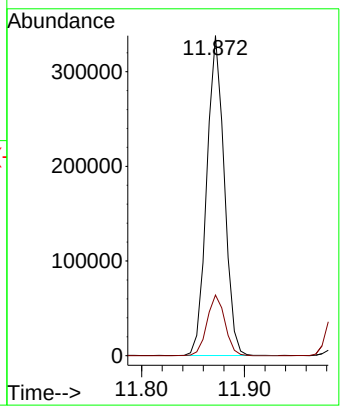


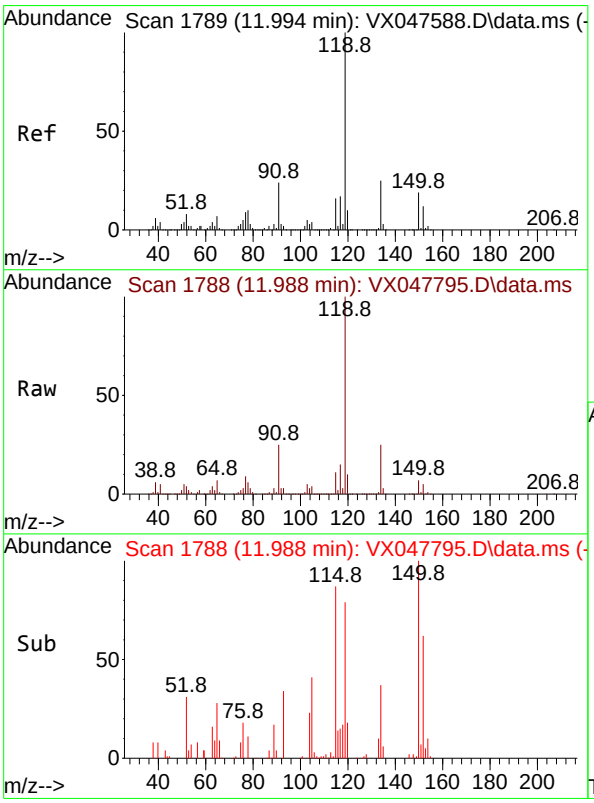
#85
sec-Butylbenzene
Concen: 48.893 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 399335

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

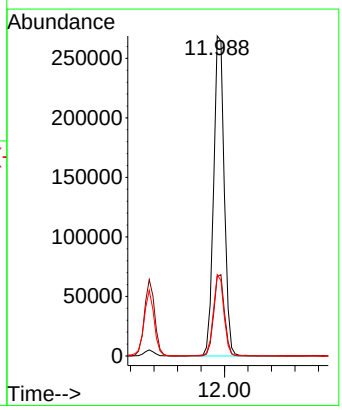


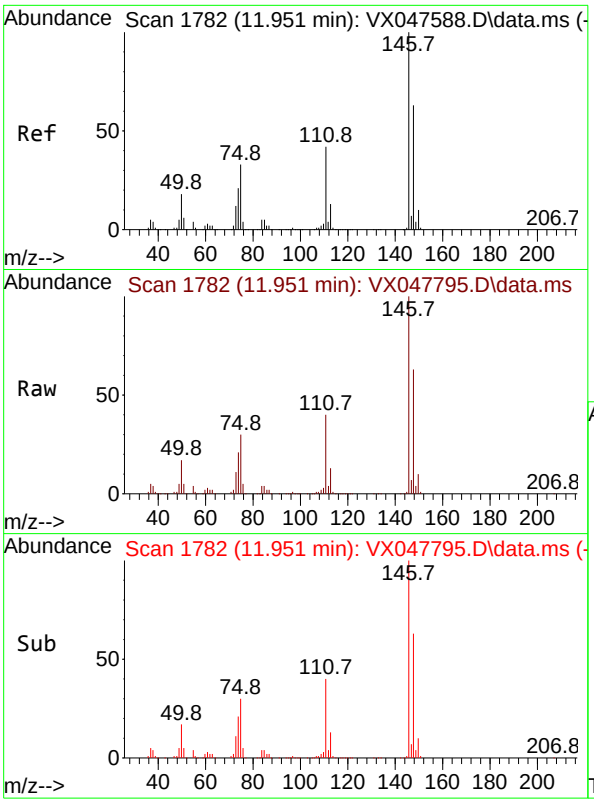


#86
p-Isopropyltoluene
Concen: 48.621 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:119 Resp: 336196

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	25.2	12.6	37.6



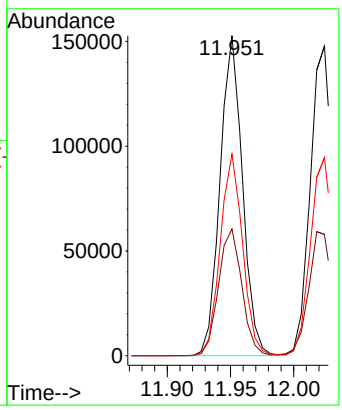


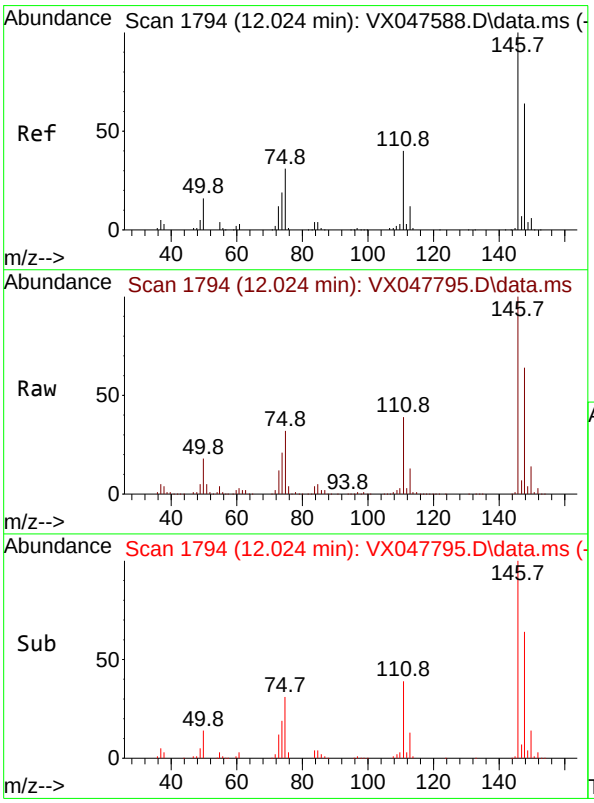
#87
1,3-Dichlorobenzene
Concen: 50.255 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 187962

Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.5	64.5
148	63.0	32.0	96.0

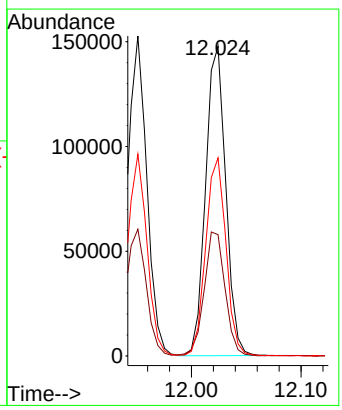


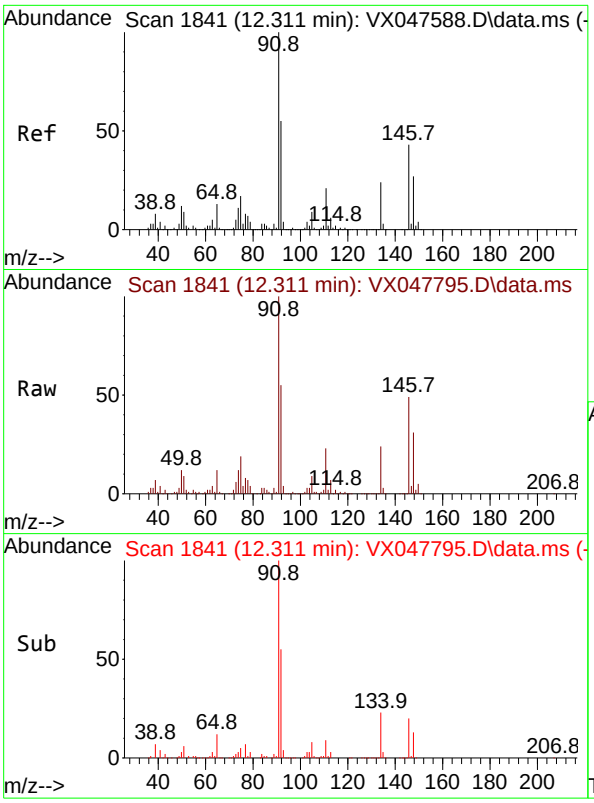


#88
1,4-Dichlorobenzene
Concen: 49.035 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:146 Resp: 188229

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	64.9	31.7	95.1



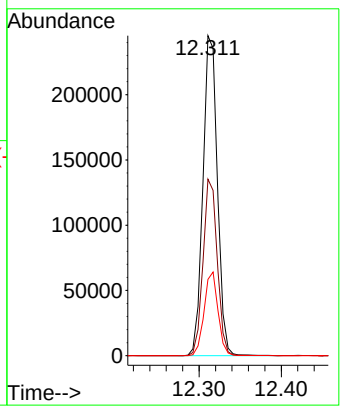


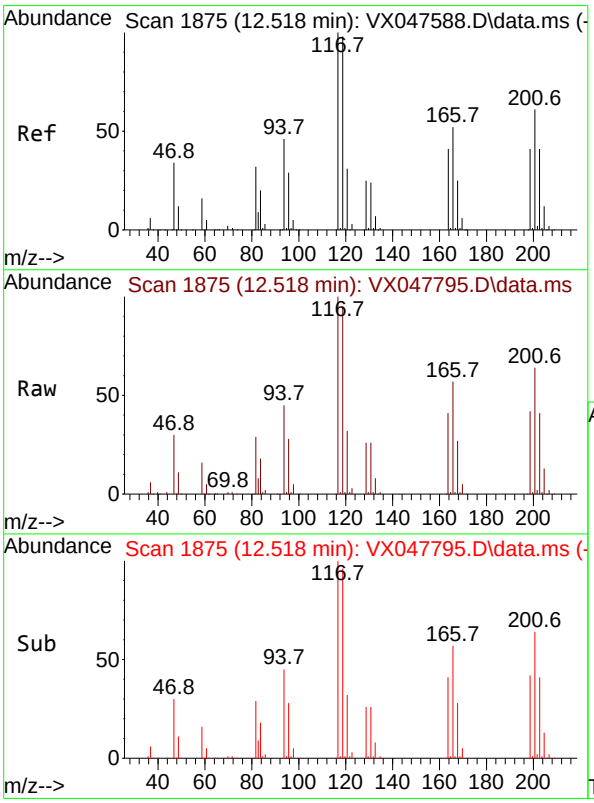
#89
n-Butylbenzene
Concen: 46.765 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 299204

Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.6	82.7
134	25.2	12.6	37.8

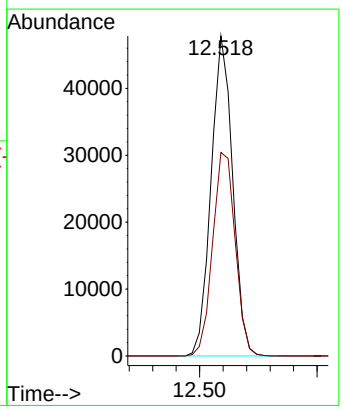


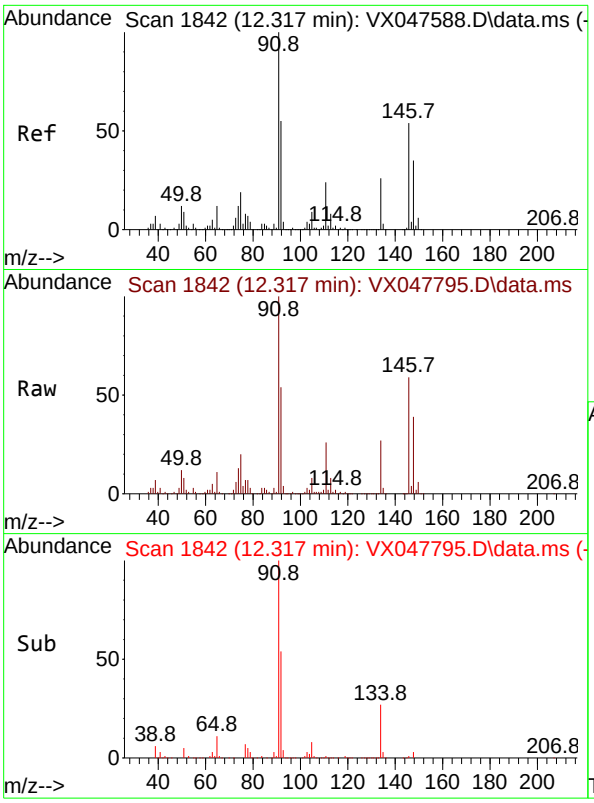


#90
Hexachloroethane
Concen: 50.062 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:117 Resp: 60775

Ion	Ratio	Lower	Upper
117	100		
201	67.0	34.2	102.5



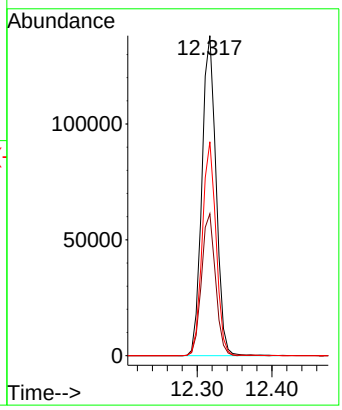


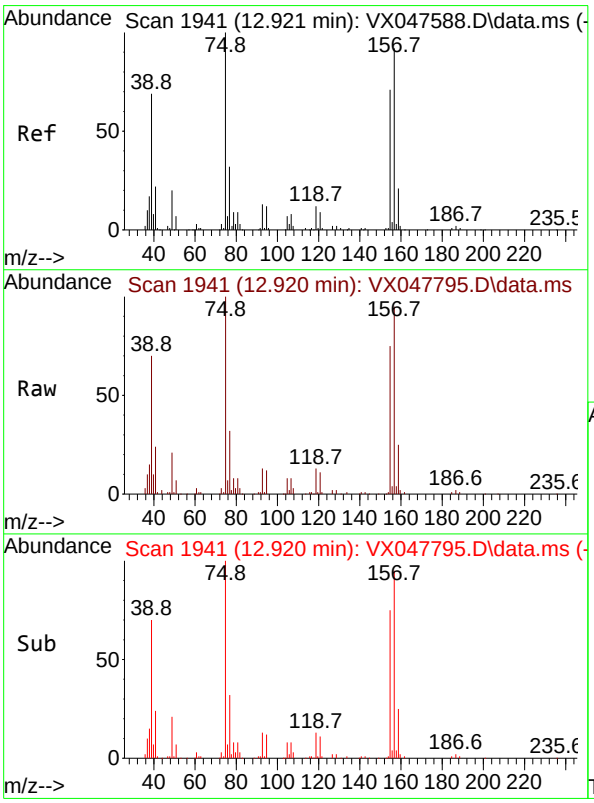
#91
1,2-Dichlorobenzene
Concen: 50.965 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 181599

Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.2	66.6
148	64.9	31.8	95.4

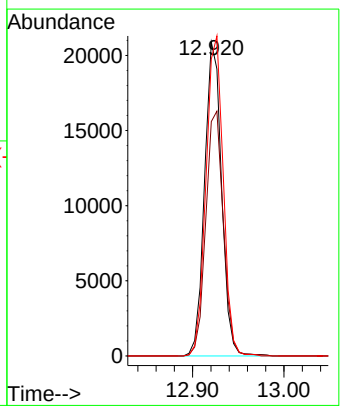


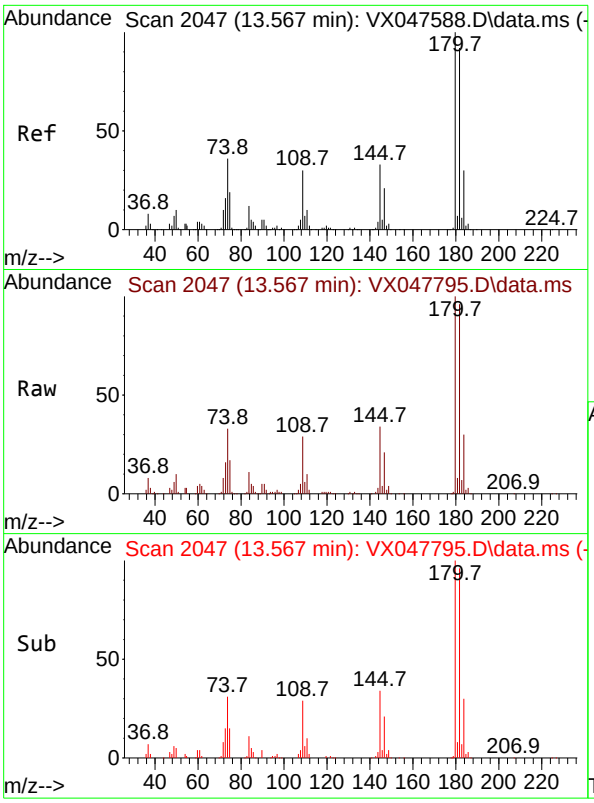


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.714 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 75 Resp: 26900

Ion	Ratio	Lower	Upper
75	100		
155	80.8	37.7	113.1
157	103.2	49.8	149.4



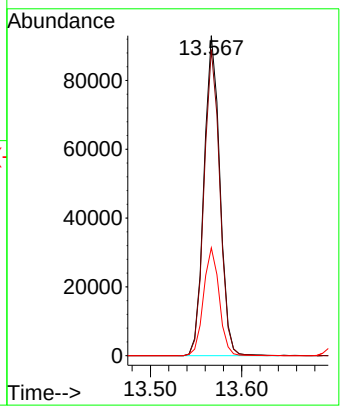


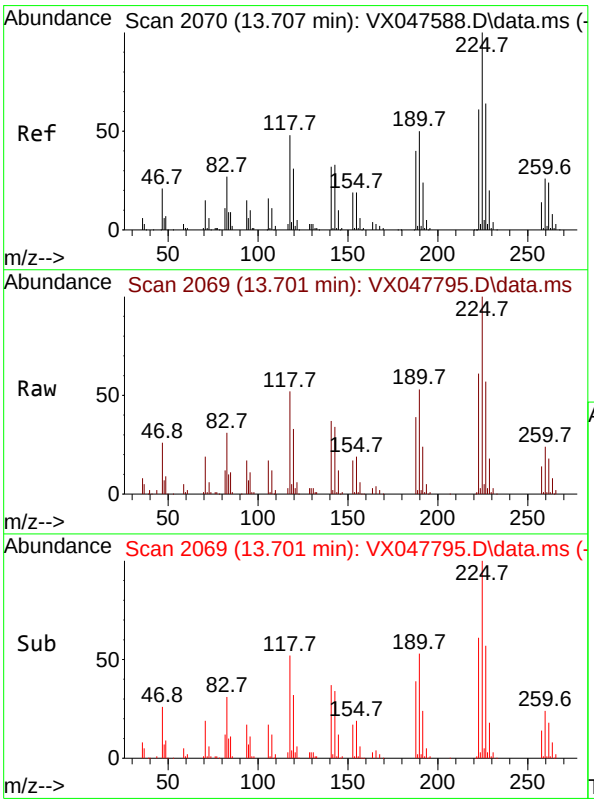
#93
1,2,4-Trichlorobenzene
Concen: 48.251 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 111739

Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.6	139.8
145	33.3	16.4	49.1

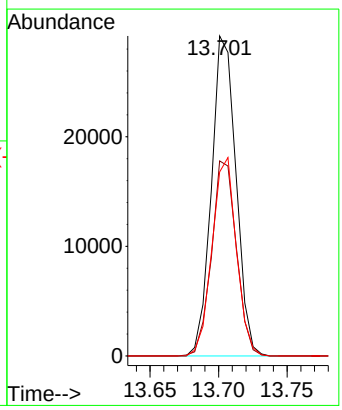


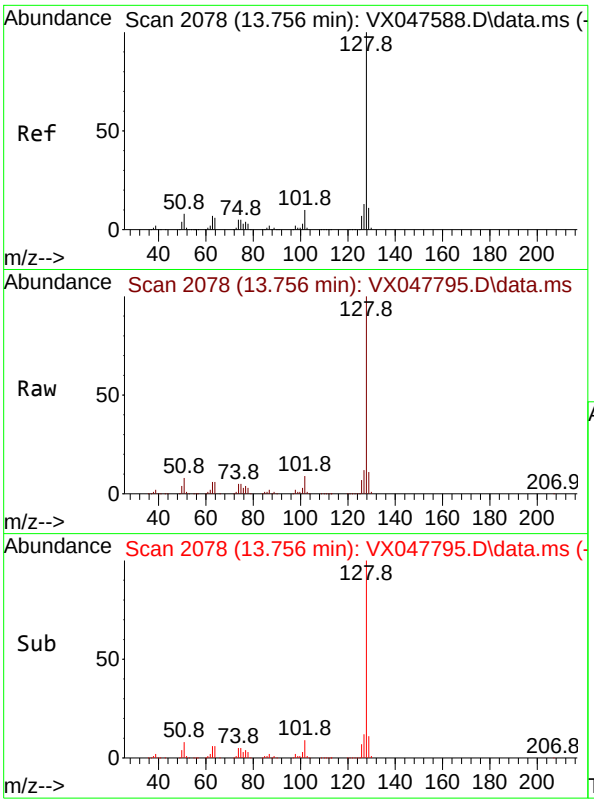


#94
Hexachlorobutadiene
Concen: 46.224 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:225 Resp: 36360

Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.7	95.1
227	61.5	32.0	96.0



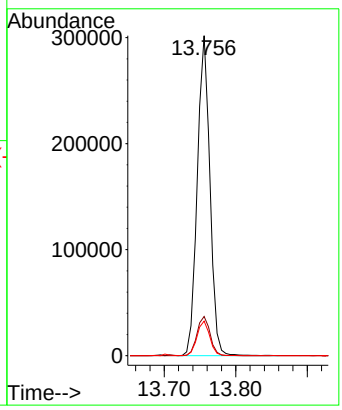


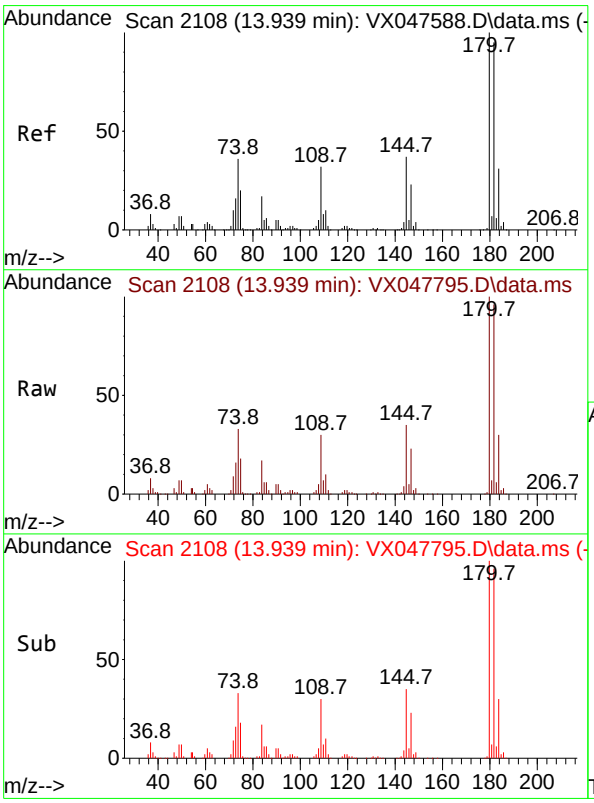
#95
Naphthalene
Concen: 52.388 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 369424

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

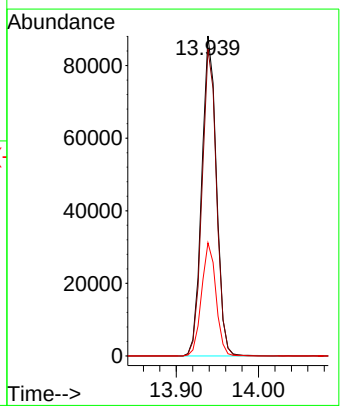




#96
1,2,3-Trichlorobenzene
Concen: 50.695 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:180 Resp: 109206

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.8
145	34.7	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047798.D
Acq On : 25 Sep 2025 10:13
Operator : JC/MD
Sample : VX0925WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Quant Time: Sep 26 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	146604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	268605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	252515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	124450	53.330	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.660%			
35) Dibromofluoromethane	5.367	113	93735	52.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.635	98	312702	50.167	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.061	95	125617	53.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	33486	22.058	ug/l	99
3) Chloromethane	1.301	50	41125	20.612	ug/l	98
4) Vinyl Chloride	1.380	62	40168	20.566	ug/l	99
5) Bromomethane	1.618	94	25791	20.825	ug/l	100
6) Chloroethane	1.697	64	26423	20.242	ug/l	95
7) Trichlorofluoromethane	1.892	101	57341	19.773	ug/l	98
8) Diethyl Ether	2.136	74	23961	20.199	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	34453	20.318	ug/l	97
10) Methyl Iodide	2.453	142	47378	17.915	ug/l	100
11) Tert butyl alcohol	2.940	59	25606	98.524	ug/l	100
12) 1,1-Dichloroethene	2.325	96	33638	19.312	ug/l	99
13) Acrolein	2.233	56	24626	102.823	ug/l	97
14) Allyl chloride	2.666	41	68523	19.064	ug/l	96
15) Acrylonitrile	3.056	53	108189	112.384	ug/l	99
16) Acetone	2.373	43	97856	96.444	ug/l	99
17) Carbon Disulfide	2.514	76	93220	19.550	ug/l	99
18) Methyl Acetate	2.703	43	51140	22.648	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	127175	20.001	ug/l	99
20) Methylene Chloride	2.788	84	44268	20.612	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	37858	20.188	ug/l	96
22) Diisopropyl ether	3.751	45	141341	20.291	ug/l	92
23) Vinyl Acetate	3.715	43	568677	102.004	ug/l	99
24) 1,1-Dichloroethane	3.599	63	75627	20.427	ug/l	98
25) 2-Butanone	4.538	43	136517	107.864	ug/l	99
26) 2,2-Dichloropropane	4.458	77	56506	18.360	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	46548	20.268	ug/l	98
28) Bromochloromethane	4.879	49	32353	20.016	ug/l	100
29) Tetrahydrofuran	4.989	42	83019	109.038	ug/l	97
30) Chloroform	5.074	83	77269	20.653	ug/l	96
31) Cyclohexane	5.458	56	59230	19.208	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	62827	19.798	ug/l	98
36) 1,1-Dichloropropene	5.684	75	49190	18.687	ug/l	99
37) Ethyl Acetate	4.696	43	58104	20.616	ug/l	99
38) Carbon Tetrachloride	5.660	117	52056	18.201	ug/l	97
39) Methylcyclohexane	7.367	83	53240	17.818	ug/l	98
40) Benzene	6.025	78	158698	19.850	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047798.D
Acq On : 25 Sep 2025 10:13
Operator : JC/MD
Sample : VX0925WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Quant Time: Sep 26 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	29283	20.125	ug/l		97
42) 1,2-Dichloroethane	6.068	62	59188	19.457	ug/l		98
43) Isopropyl Acetate	6.318	43	92154	19.936	ug/l		99
44) Trichloroethene	7.110	130	38005	19.662	ug/l		91
45) 1,2-Dichloropropane	7.415	63	41172	20.111	ug/l		96
46) Dibromomethane	7.568	93	29874	20.053	ug/l		96
47) Bromodichloromethane	7.805	83	59888	19.481	ug/l		98
48) Methyl methacrylate	7.677	41	44455	19.308	ug/l		99
49) 1,4-Dioxane	7.653	88	11066	475.570	ug/l		99
51) 4-Methyl-2-Pentanone	8.555	43	283110	110.466	ug/l		99
52) Toluene	8.702	92	98340	19.965	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	59236	18.891	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	64785	19.330	ug/l		96
55) 1,1,2-Trichloroethane	9.134	97	39867	20.990	ug/l		98
56) Ethyl methacrylate	9.104	69	59966	20.104	ug/l		97
57) 1,3-Dichloropropane	9.293	76	67634	20.730	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	144584	108.334	ug/l		99
59) 2-Hexanone	9.415	43	197021	107.038	ug/l		99
60) Dibromochloromethane	9.506	129	44875	20.506	ug/l		99
61) 1,2-Dibromoethane	9.592	107	40314	20.839	ug/l		99
64) Tetrachloroethene	9.256	164	30782	18.700	ug/l		97
65) Chlorobenzene	10.061	112	108771	18.961	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.147	131	37519	18.953	ug/l		99
67) Ethyl Benzene	10.177	91	178998	18.084	ug/l		100
68) m/p-Xylenes	10.287	106	138405	37.567	ug/l		98
69) o-Xylene	10.622	106	65909	18.496	ug/l		100
70) Styrene	10.640	104	118170	18.926	ug/l		98
71) Bromoform	10.781	173	28902	19.553	ug/l	#	99
73) Isopropylbenzene	10.945	105	167580	16.760	ug/l		100
74) N-amyl acetate	10.829	43	79411	17.416	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	57282	18.935	ug/l		97
76) 1,2,3-Trichloropropane	11.219	75	60177	22.598	ug/l		90
77) Bromobenzene	11.183	156	43141	17.518	ug/l		97
78) n-propylbenzene	11.287	91	199146	16.848	ug/l		100
79) 2-Chlorotoluene	11.348	91	124253	17.163	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	139354	16.963	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	16807	16.095	ug/l		95
82) 4-Chlorotoluene	11.439	91	148311	17.346	ug/l		99
83) tert-Butylbenzene	11.695	119	140839	16.747	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	142656	17.128	ug/l		100
85) sec-Butylbenzene	11.872	105	168936	16.912	ug/l		99
86) p-Isopropyltoluene	11.994	119	140679	16.635	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	79979	17.485	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	83367	17.757	ug/l		99
89) n-Butylbenzene	12.311	91	129927	16.604	ug/l		98
90) Hexachloroethane	12.518	117	23841	16.057	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	77419	17.765	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	10795	17.625	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	45993	16.239	ug/l		99
94) Hexachlorobutadiene	13.707	225	14948	15.538	ug/l		99
95) Naphthalene	13.756	128	143587	16.649	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	44483	16.884	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047798.D
Acq On : 25 Sep 2025 10:13
Operator : JC/MD
Sample : VX0925WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Quant Time: Sep 26 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

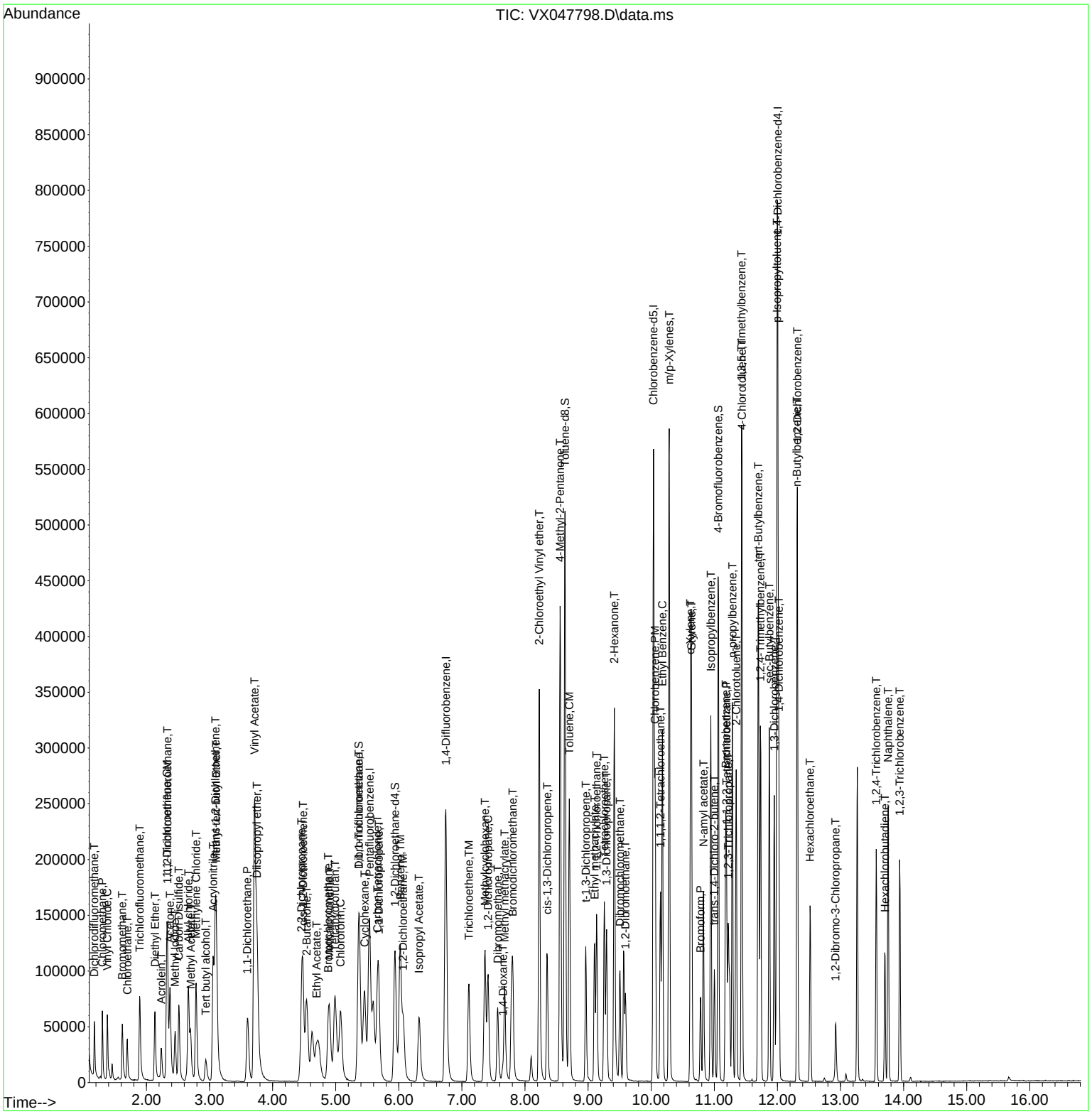
(#) = qualifier out of range (m) = manual integration (+) = signals summed

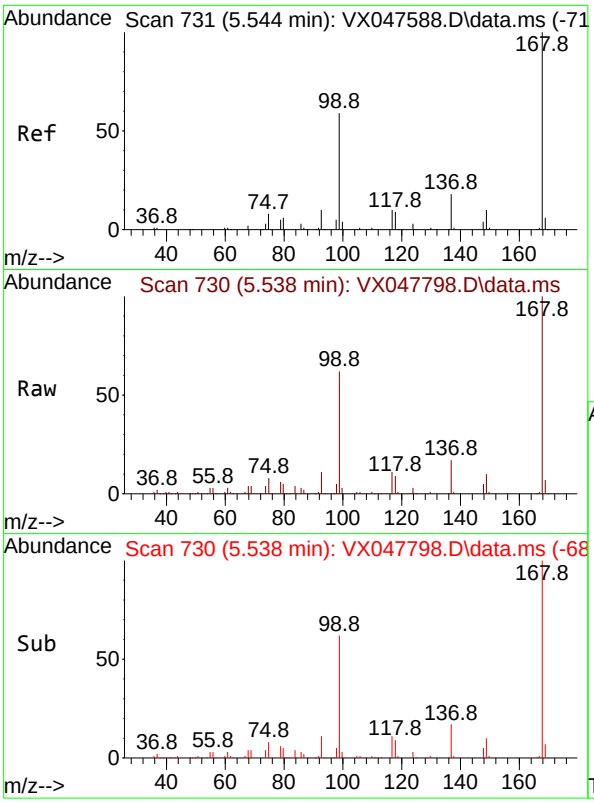
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047798.D
Acq On : 25 Sep 2025 10:13
Operator : JC/MD
Sample : VX0925WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Quant Time: Sep 26 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



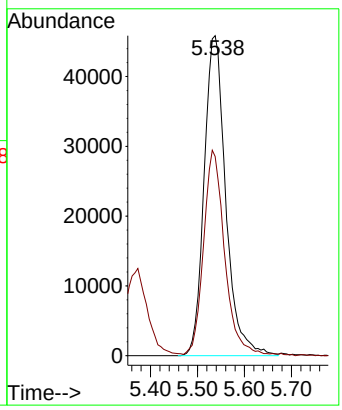


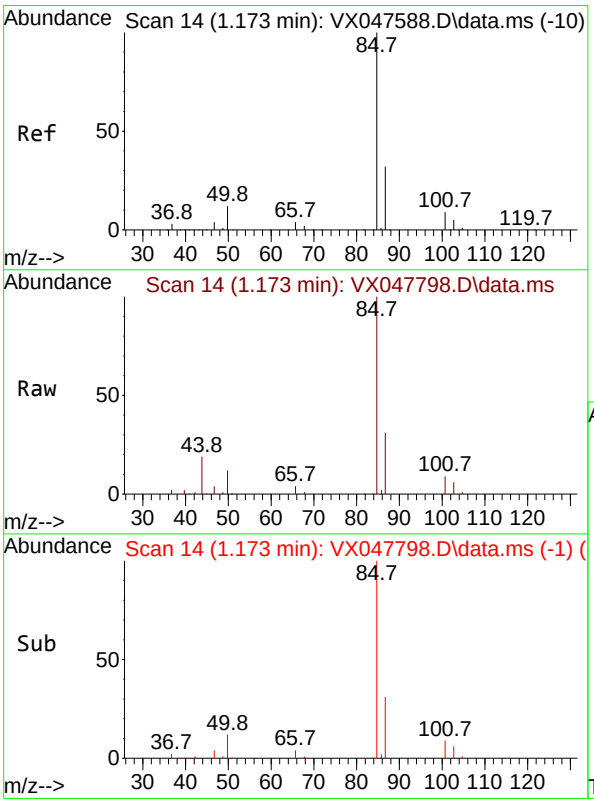
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:168 Resp: 146604

Ion	Ratio	Lower	Upper
168	100		
99	61.8	48.8	73.2

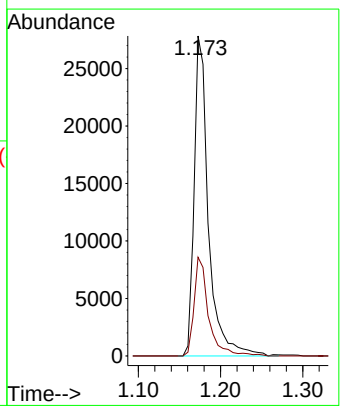


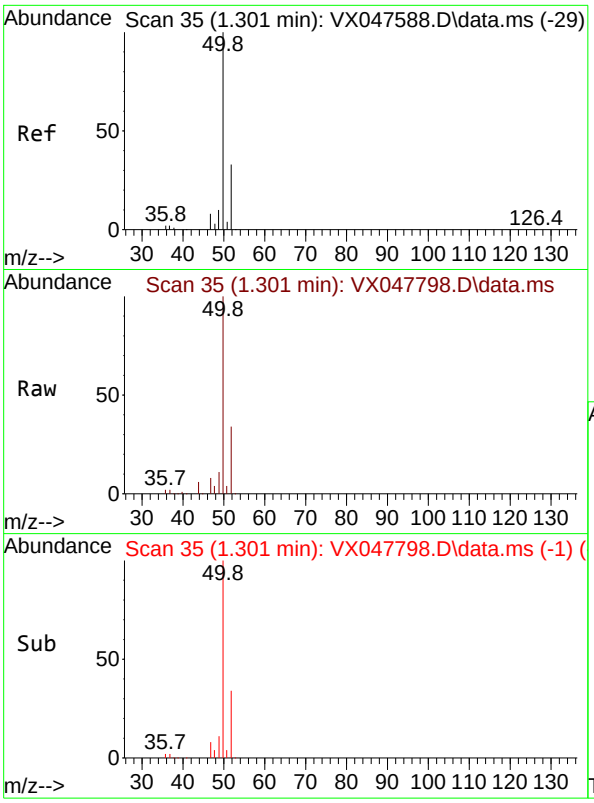


#2
Dichlorodifluoromethane
Concen: 22.058 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 85 Resp: 33486

Ion	Ratio	Lower	Upper
85	100		
87	30.8	15.8	47.3



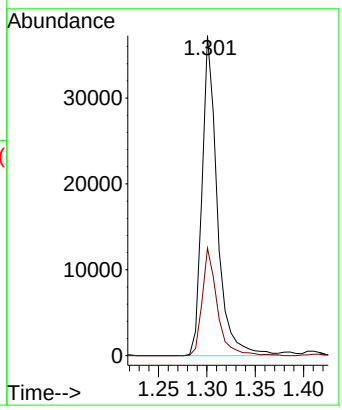


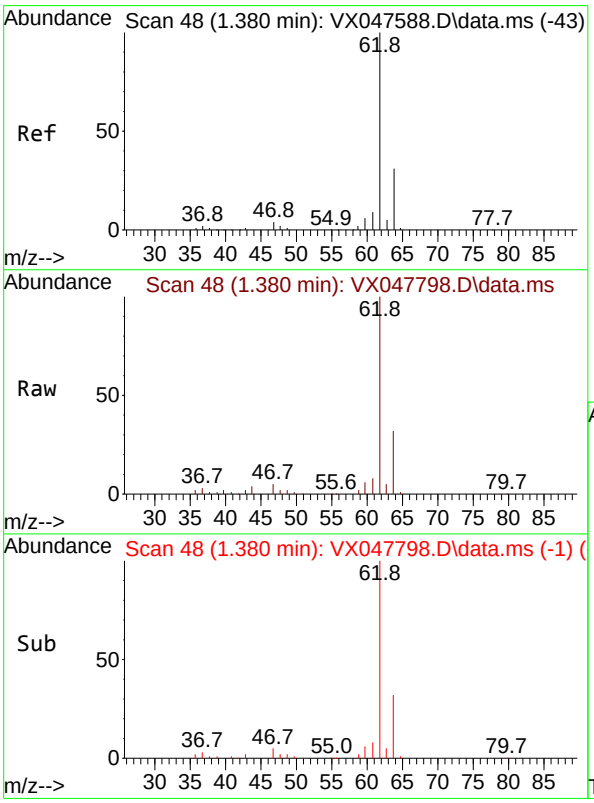
#3
Chloromethane
Concen: 20.612 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 50 Resp: 41125

Ion	Ratio	Lower	Upper
50	100		
52	33.6	26.1	39.1

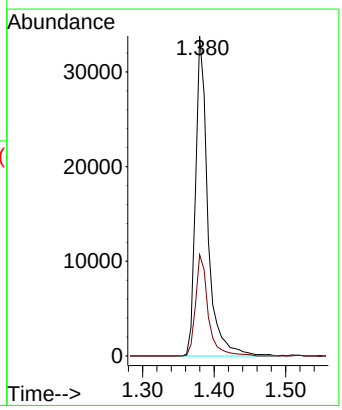


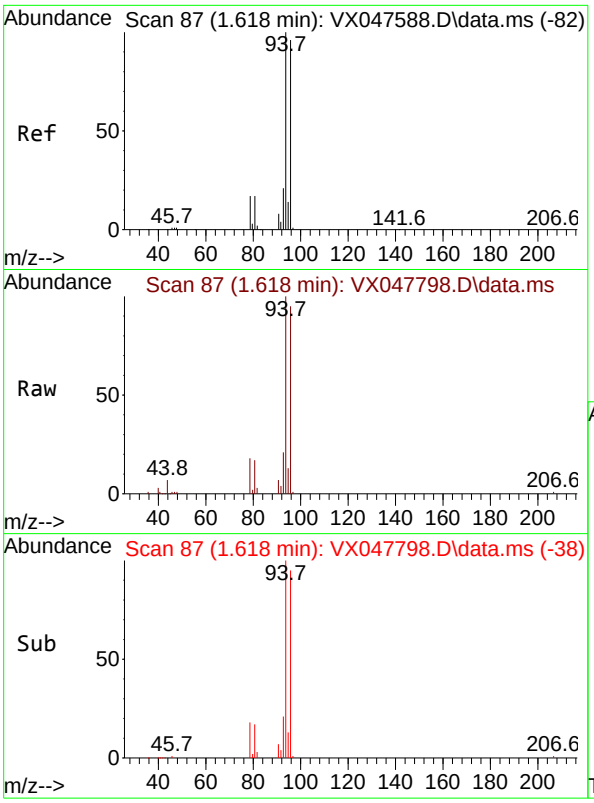


#4
Vinyl Chloride
Concen: 20.566 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 62 Resp: 40168

Ion	Ratio	Lower	Upper
62	100		
64	31.7	24.9	37.3



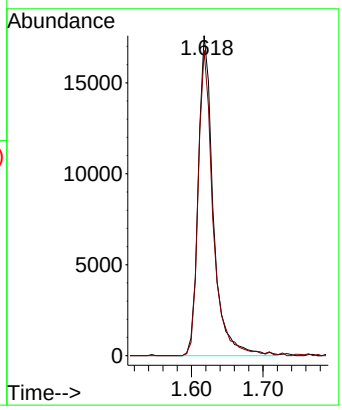


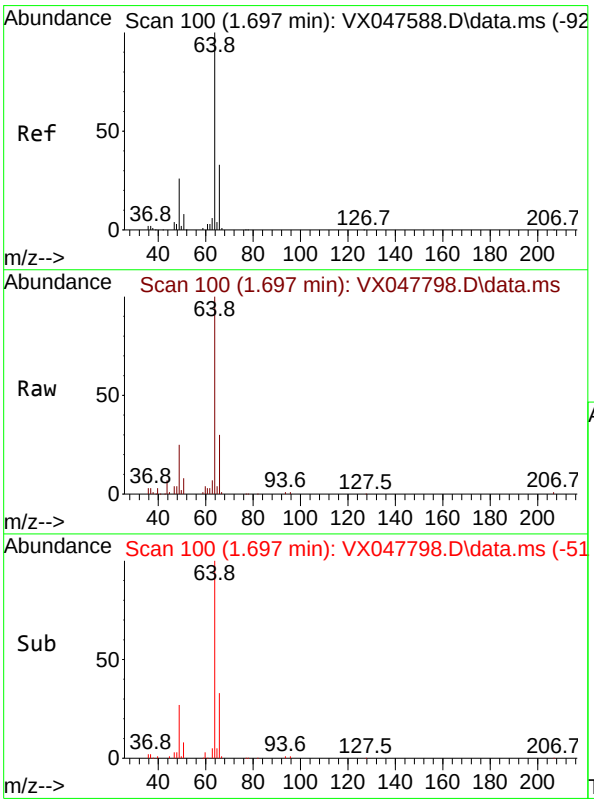
#5
Bromomethane
Concen: 20.825 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 94 Resp: 25791

Ion	Ratio	Lower	Upper
94	100		
96	95.4	76.6	115.0

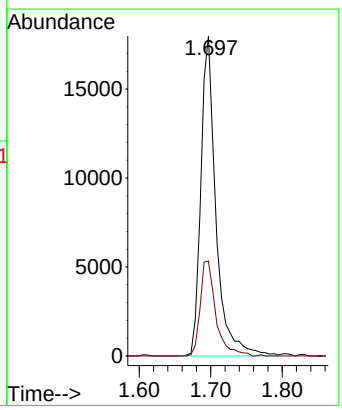


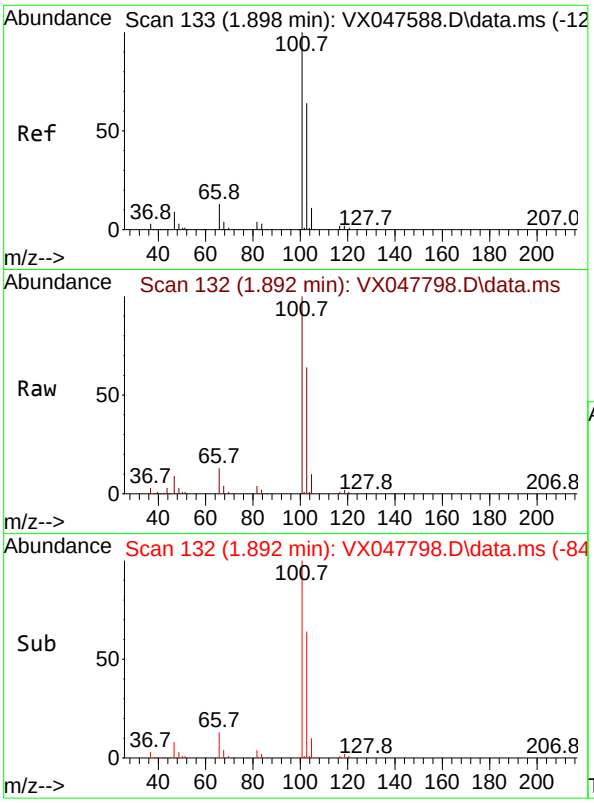


#6
Chloroethane
Concen: 20.242 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 64 Resp: 26423

Ion	Ratio	Lower	Upper
64	100		
66	29.6	26.1	39.1



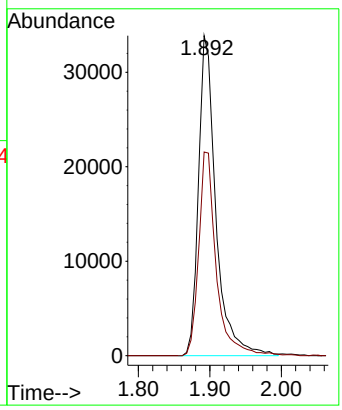


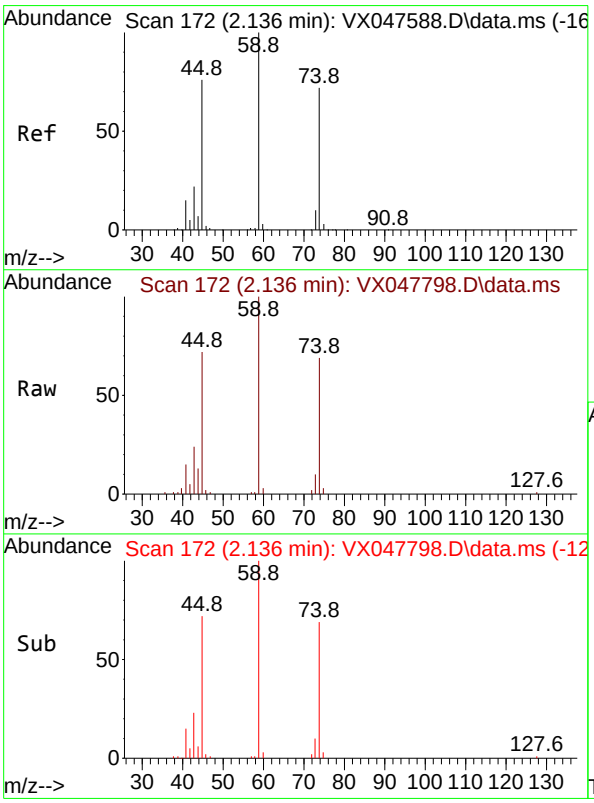
#7
Trichlorofluoromethane
Concen: 19.773 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:101 Resp: 57341

Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.4	77.2

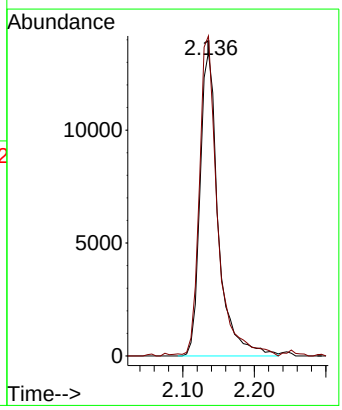


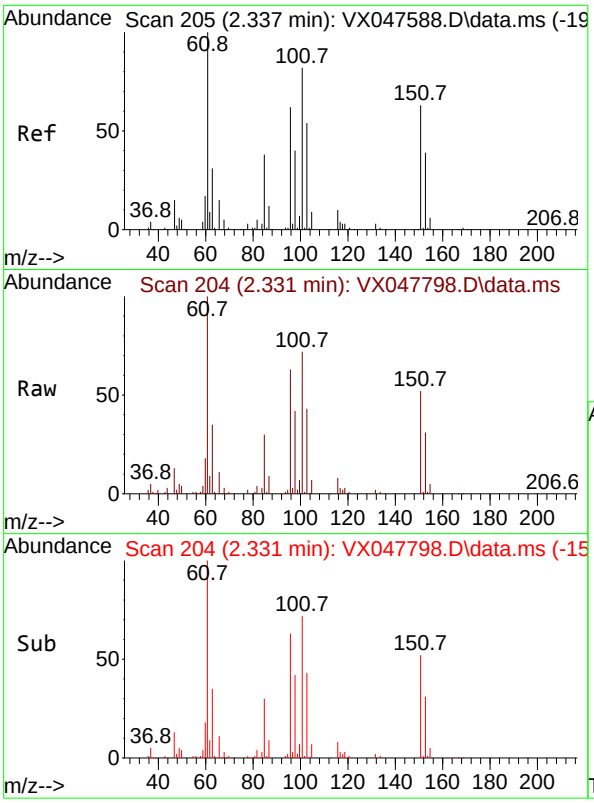


#8
Diethyl Ether
Concen: 20.199 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 74 Resp: 23961

Ion	Ratio	Lower	Upper
74	100		
45	104.8	52.3	156.8



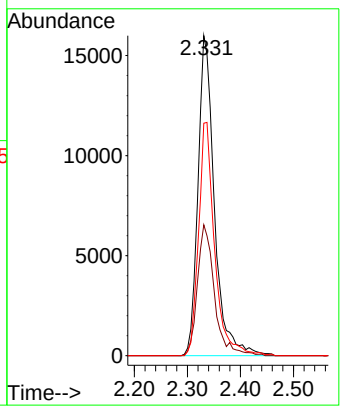


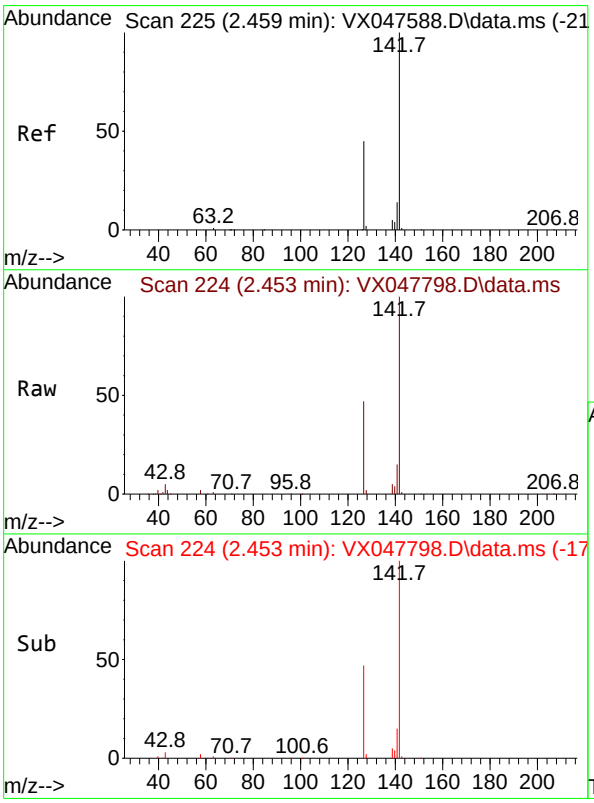
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.318 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:101 Resp: 34453

Ion	Ratio	Lower	Upper
101	100		
85	42.4	35.5	53.3
151	71.6	59.4	89.0

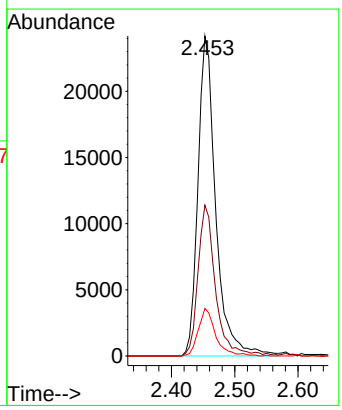


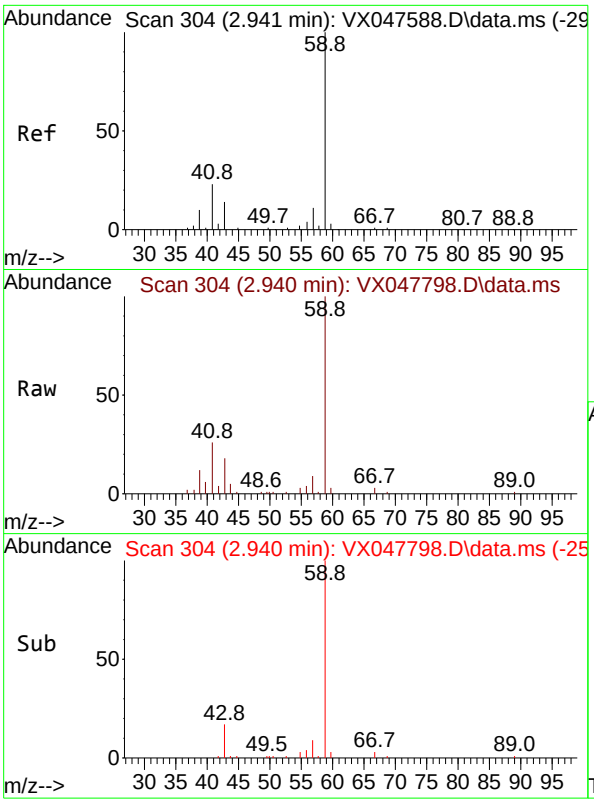


#10
Methyl Iodide
Concen: 17.915 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:142 Resp: 47378

Ion	Ratio	Lower	Upper
142	100		
127	46.5	37.2	55.8
141	14.4	11.4	17.0



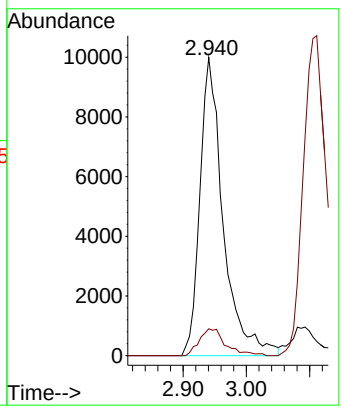


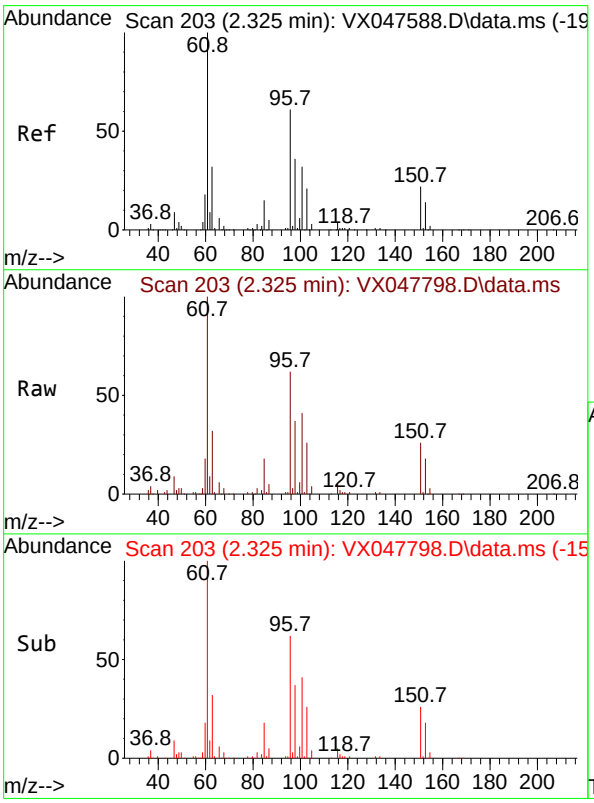
#11
Tert butyl alcohol
Concen: 98.524 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 59 Resp: 25606

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

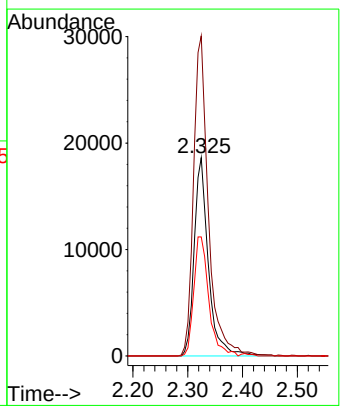


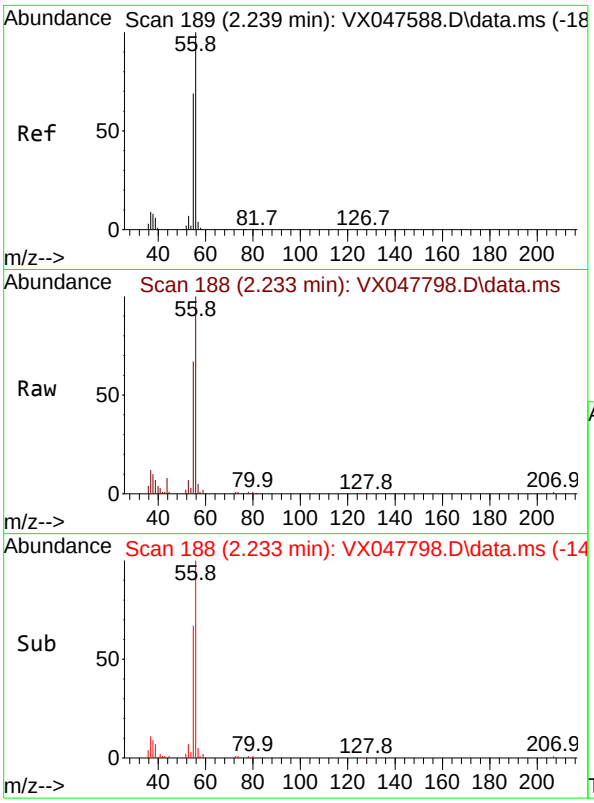


#12
1,1-Dichloroethene
Concen: 19.312 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 96 Resp: 33638

Ion	Ratio	Lower	Upper
96	100		
61	161.4	131.0	196.6
98	60.0	47.7	71.5



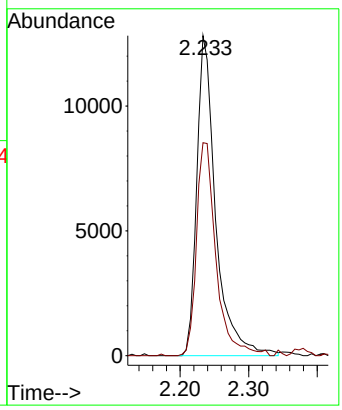


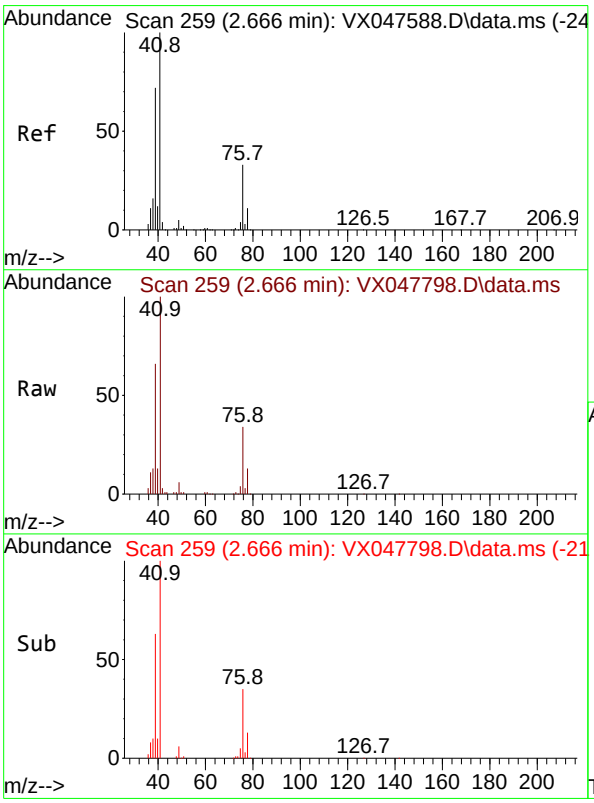
#13
Acrolein
Concen: 102.823 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 56 Resp: 24626

Ion	Ratio	Lower	Upper
56	100		
55	68.8	57.2	85.8

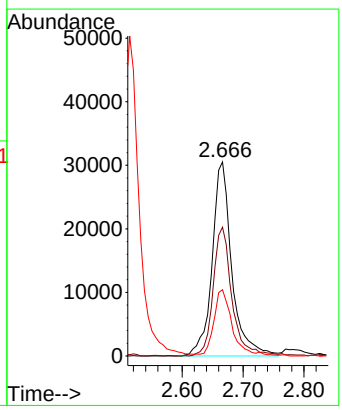


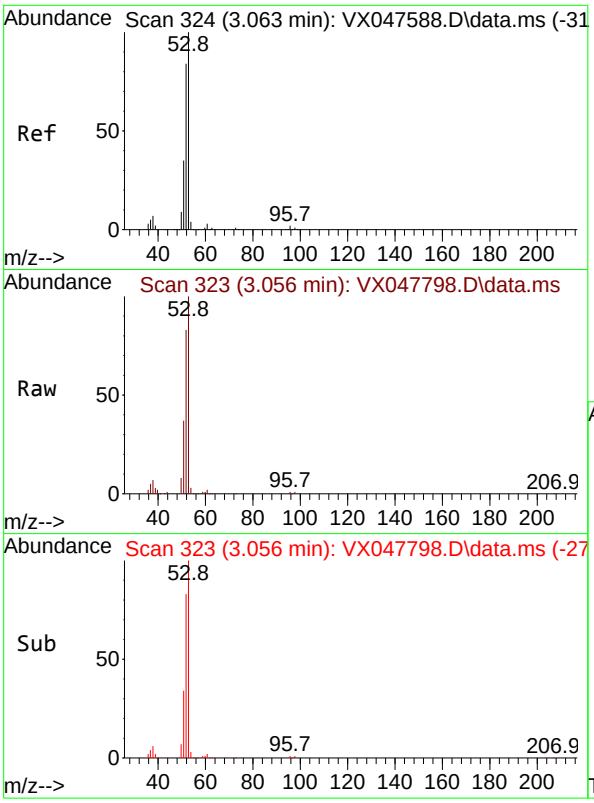


#14
Allyl chloride
Concen: 19.064 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 41 Resp: 68523

Ion	Ratio	Lower	Upper
41	100		
39	63.8	54.7	82.1
76	31.9	25.7	38.5



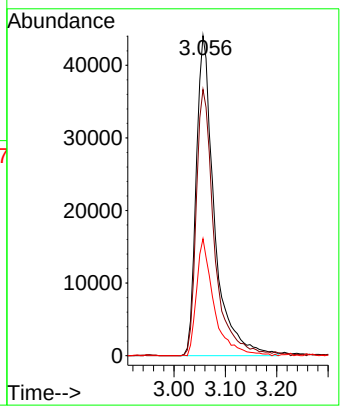


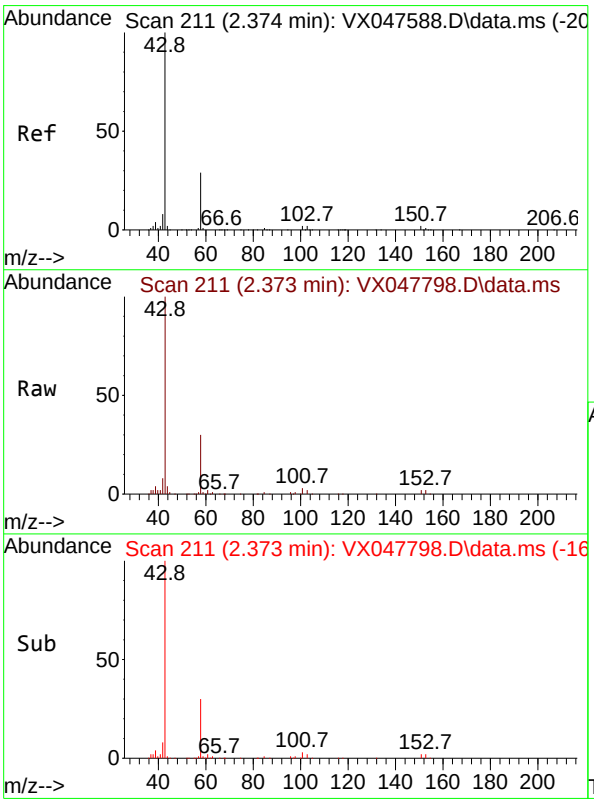
#15
Acrylonitrile
Concen: 112.384 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 53 Resp: 108189

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	35.3	29.5	44.3

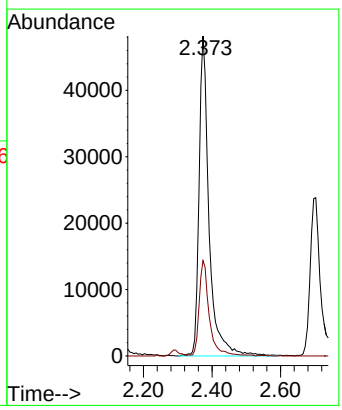


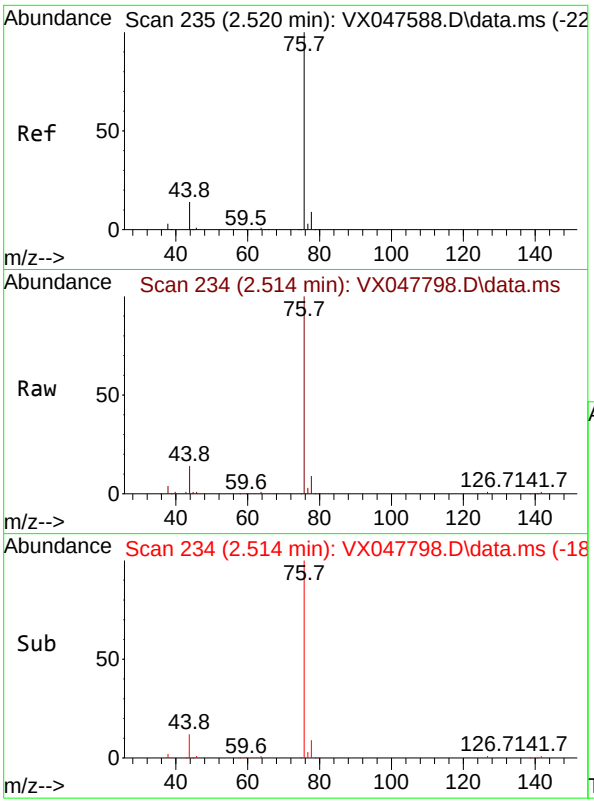


#16
Acetone
Concen: 96.444 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 43 Resp: 97856

Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.4	35.0



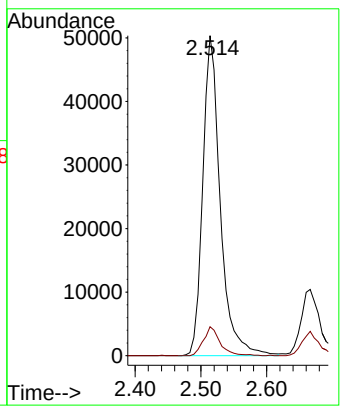


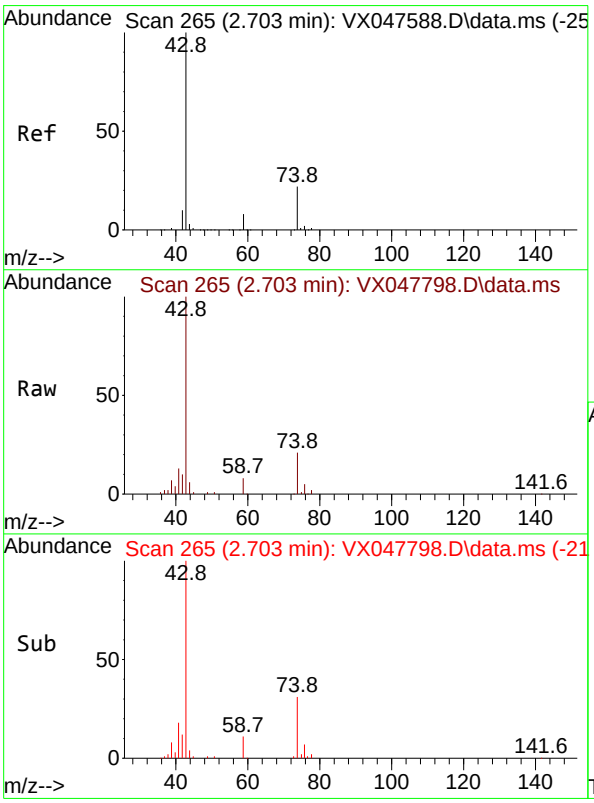
#17
Carbon Disulfide
Concen: 19.550 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 76 Resp: 93220

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2

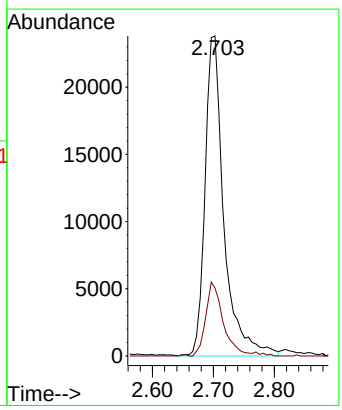


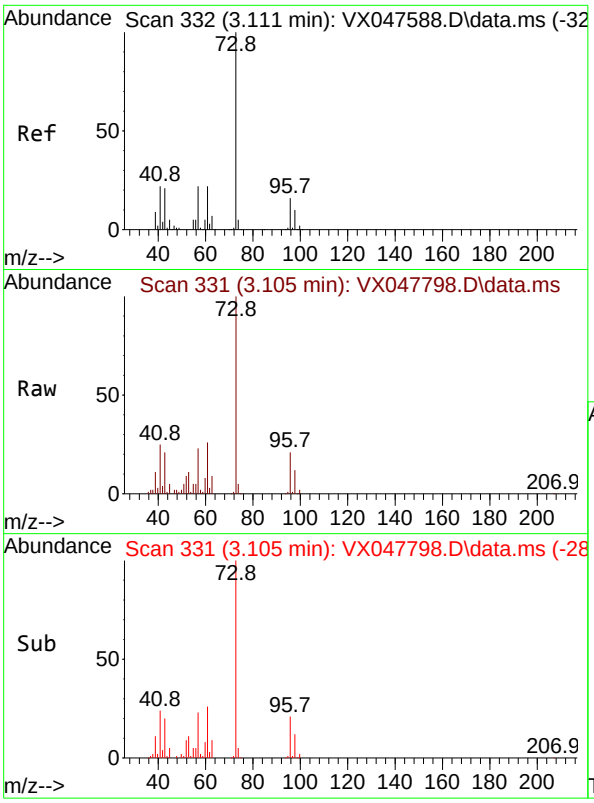


#18
Methyl Acetate
Concen: 22.648 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 43 Resp: 51140

Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.4	26.2



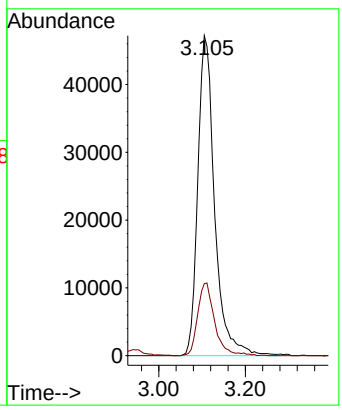


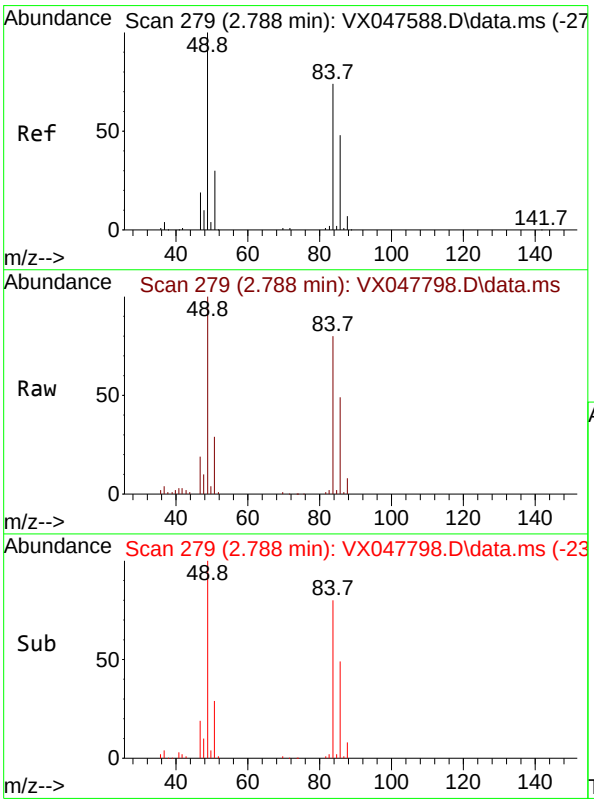
#19
Methyl tert-butyl Ether
Concen: 20.001 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 73 Resp: 127175

Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.4	26.2

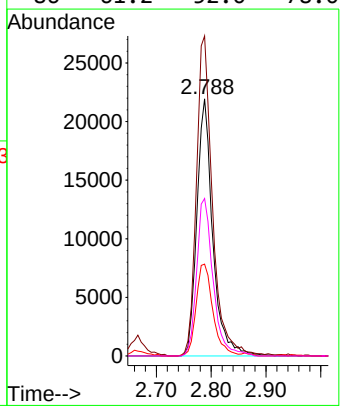


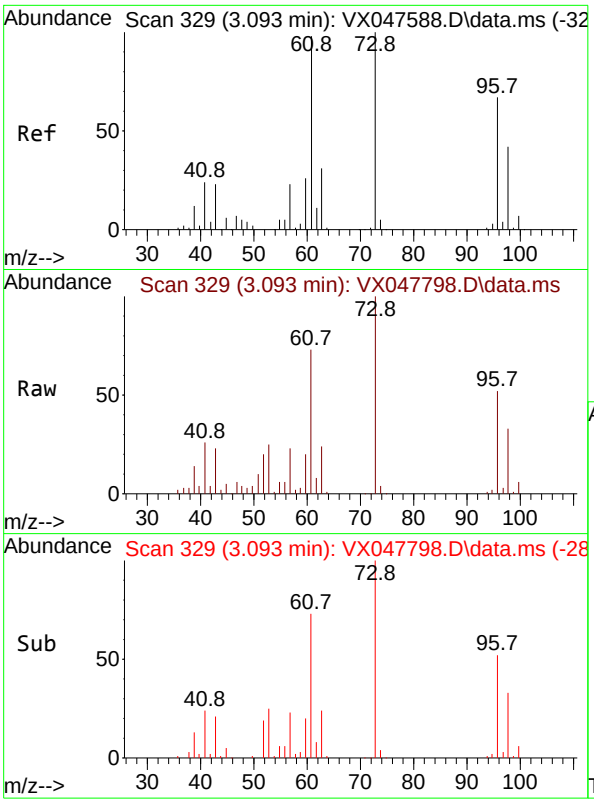


#20
Methylene Chloride
Concen: 20.612 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 84 Resp: 44268

Ion	Ratio	Lower	Upper
84	100		
49	124.5	108.6	162.8
51	35.7	32.6	48.8
86	61.2	52.0	78.0



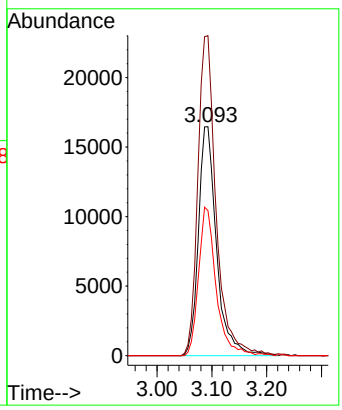


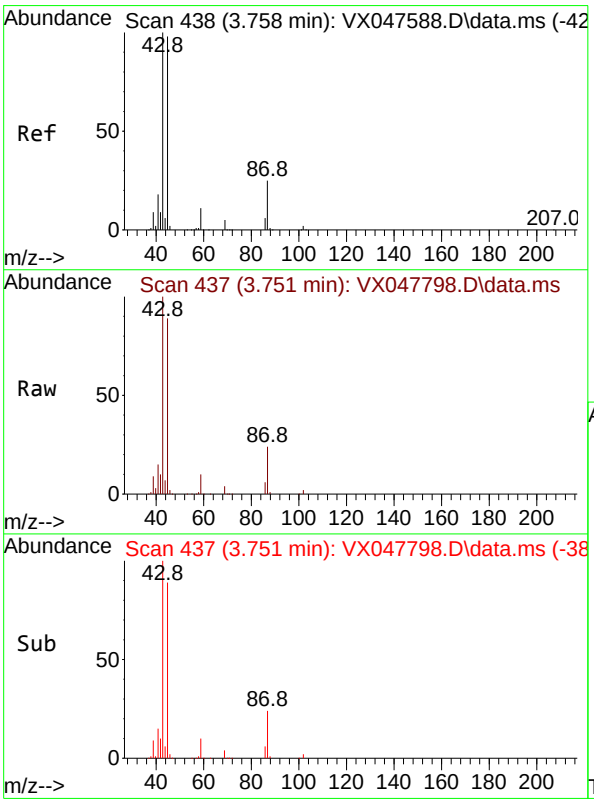
#21
trans-1,2-Dichloroethene
Concen: 20.188 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 96 Resp: 37858

Ion	Ratio	Lower	Upper
96	100		
61	139.7	116.2	174.2
98	63.4	49.3	73.9

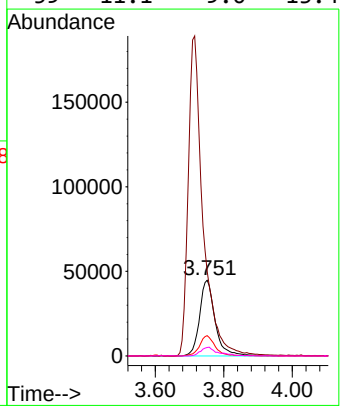


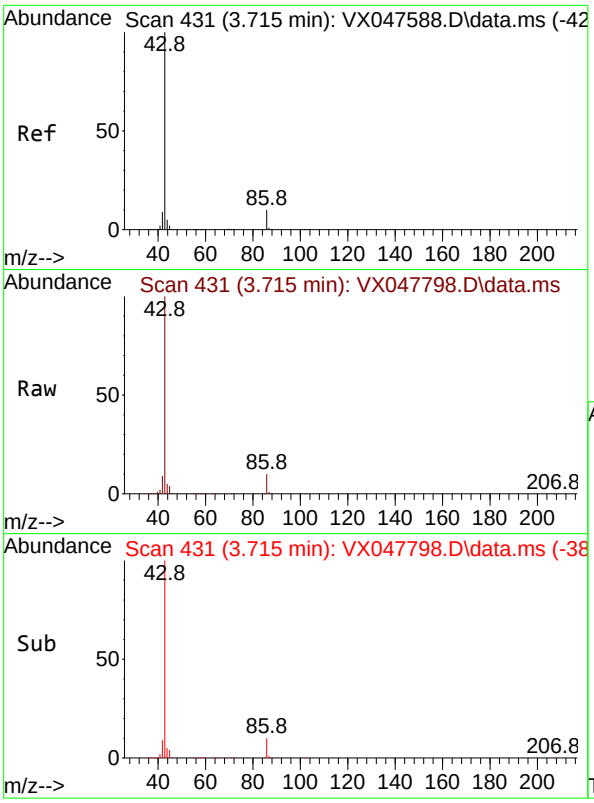


#22
Diisopropyl ether
Concen: 20.291 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 45 Resp: 141341

Ion	Ratio	Lower	Upper
45	100		
43	110.7	81.0	121.4
87	26.9	20.3	30.5
59	11.1	9.0	13.4



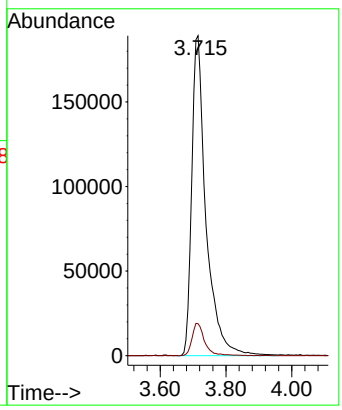


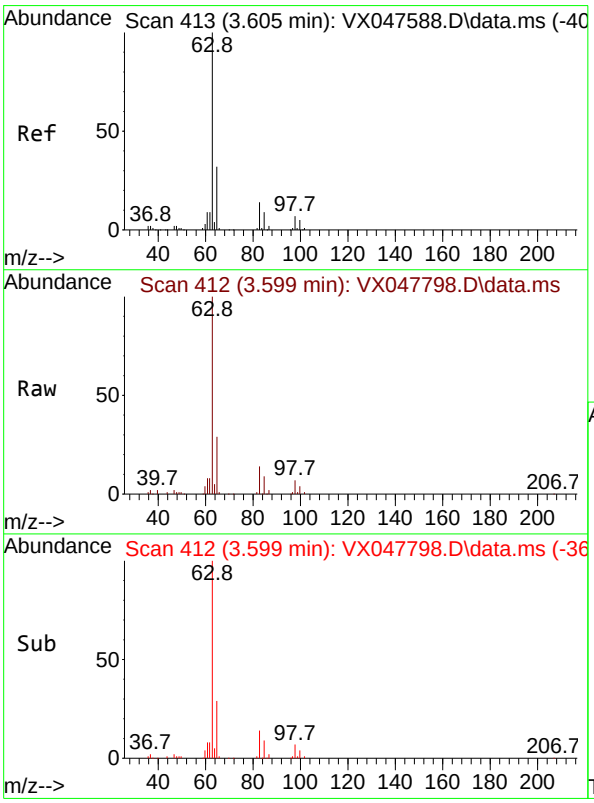
#23
Vinyl Acetate
Concen: 102.004 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 43 Resp: 568677

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

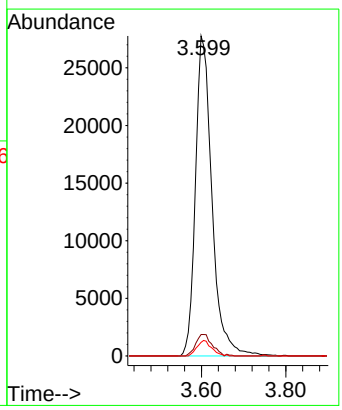


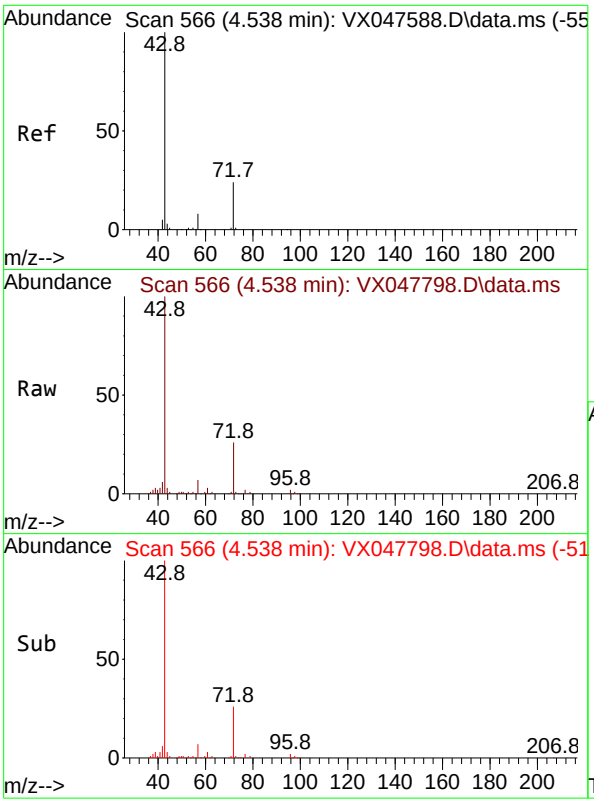


#24
1,1-Dichloroethane
Concen: 20.427 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 63 Resp: 75627

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.3	2.3	6.9



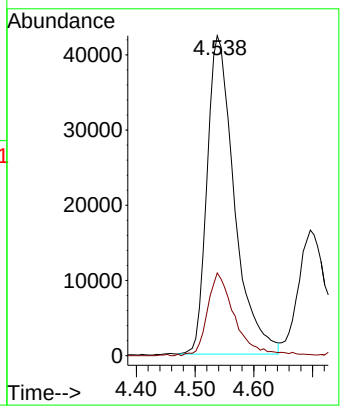


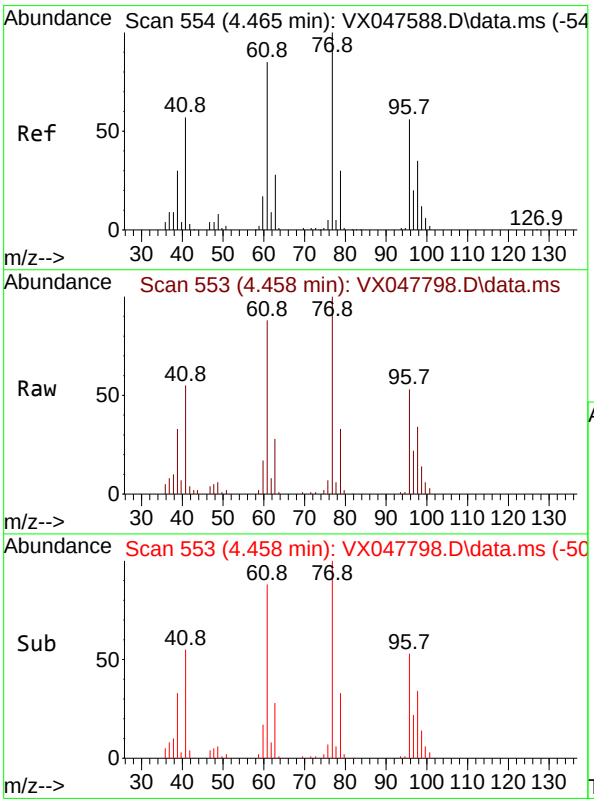
#25
2-Butanone
Concen: 107.864 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 43 Resp: 136517

Ion	Ratio	Lower	Upper
43	100		
72	25.6	20.1	30.1

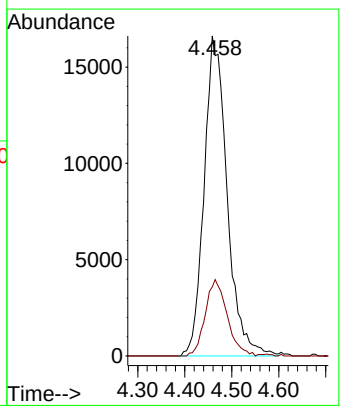


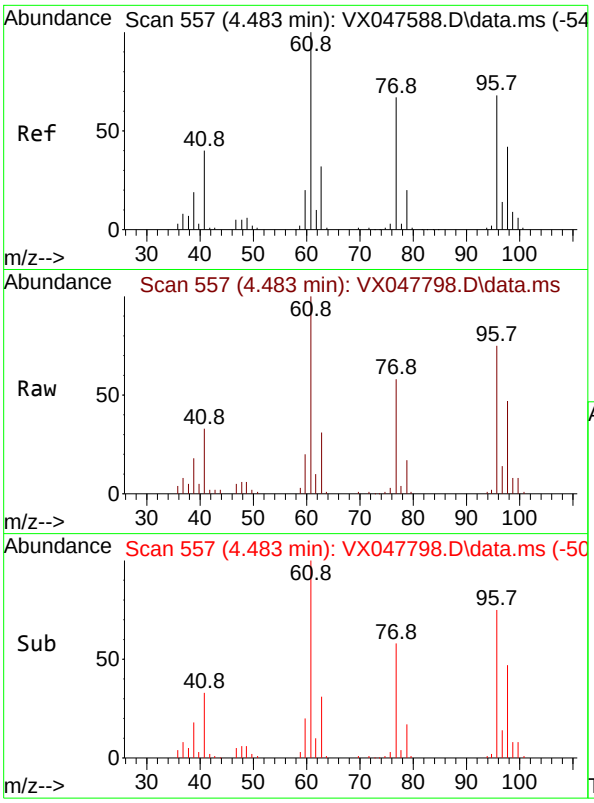


#26
2,2-Dichloropropane
Concen: 18.360 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 77 Resp: 56506

Ion	Ratio	Lower	Upper
77	100		
97	22.8	10.9	32.7



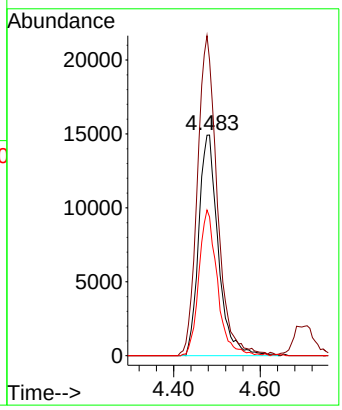


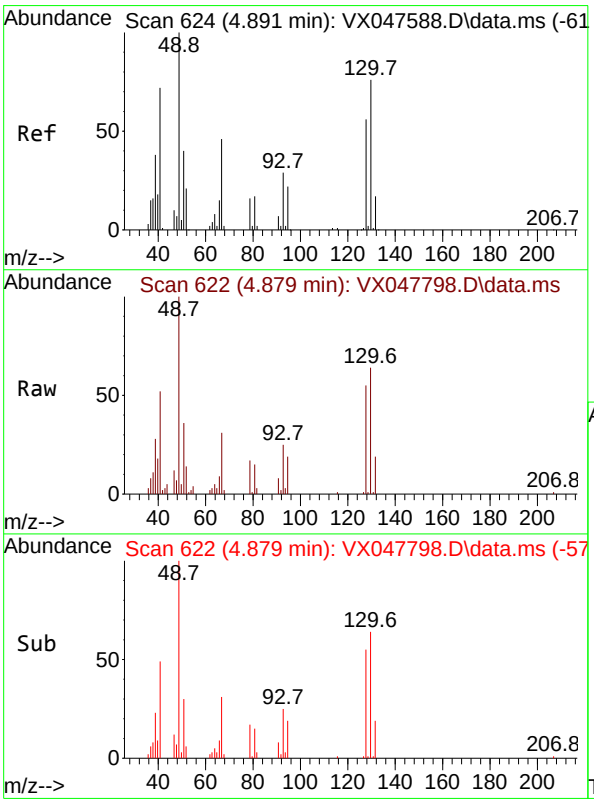
#27
cis-1,2-Dichloroethene
Concen: 20.268 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 96 Resp: 46548

Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	303.2
98	62.8	0.0	127.8

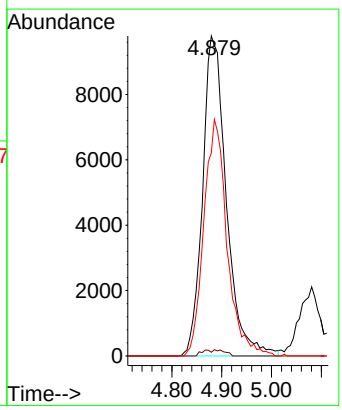


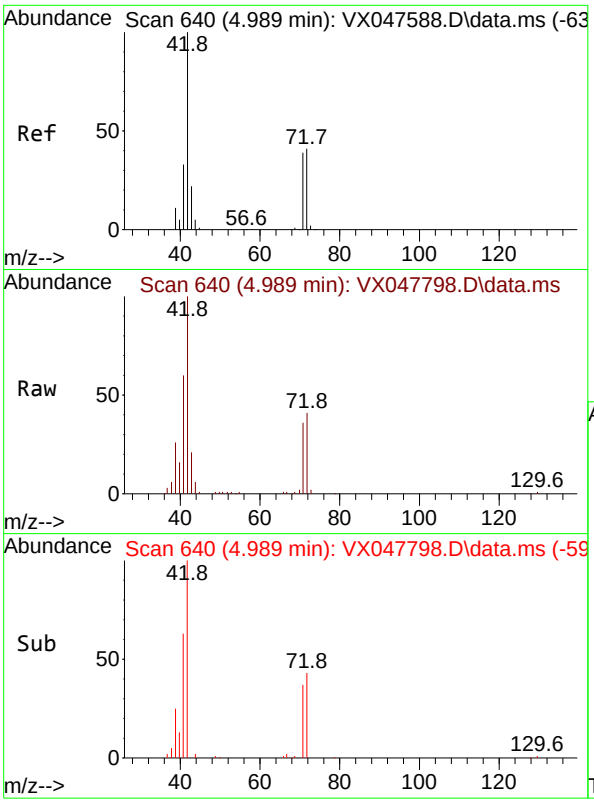


#28
Bromochloromethane
Concen: 20.016 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 49 Resp: 32353

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.2
130	72.0	57.8	86.8



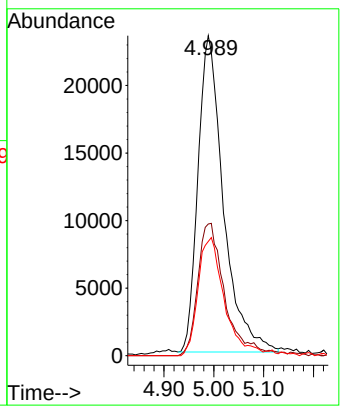


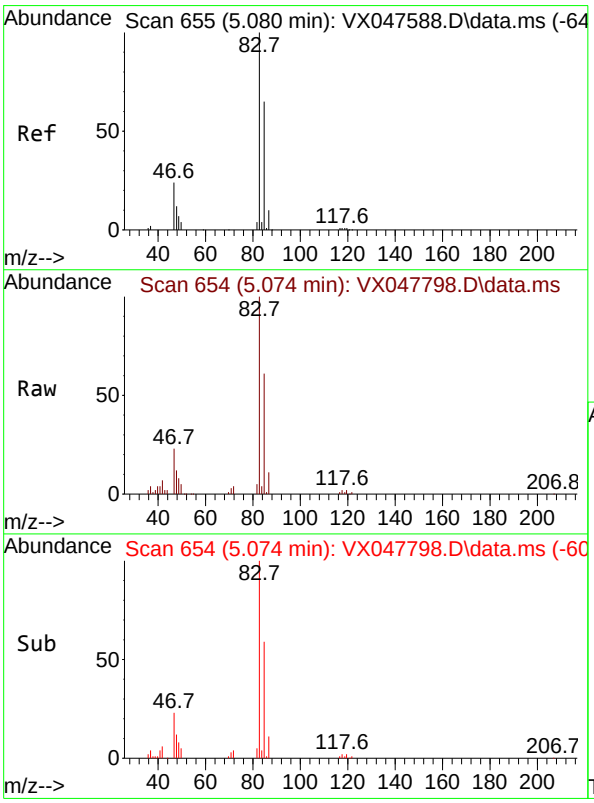
#29
Tetrahydrofuran
Concen: 109.038 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 42 Resp: 83019

Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.2	51.2
71	38.4	31.9	47.9

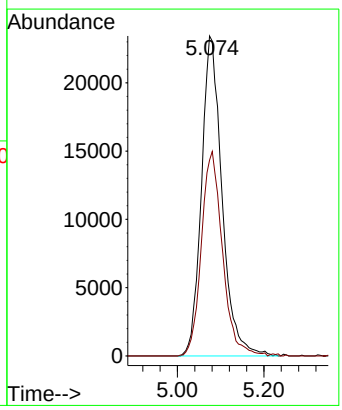


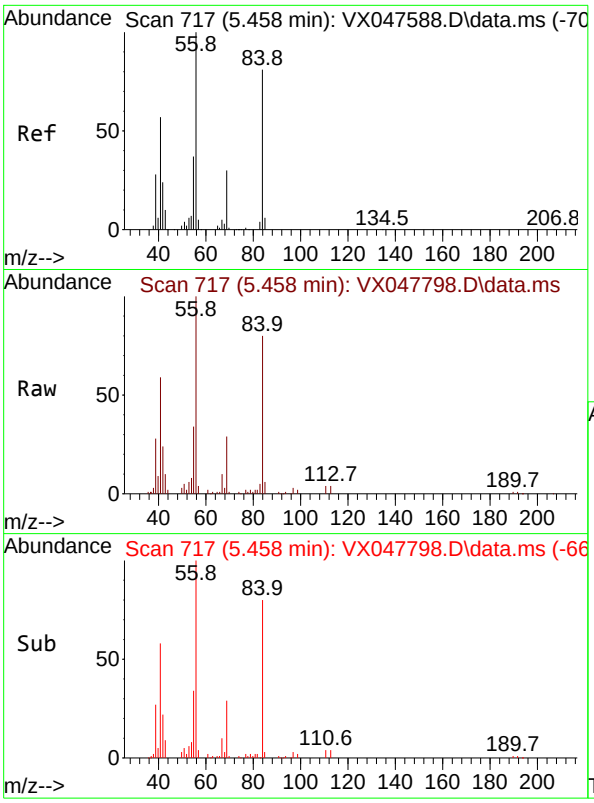


#30
Chloroform
Concen: 20.653 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 83 Resp: 77269

Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.8	77.6



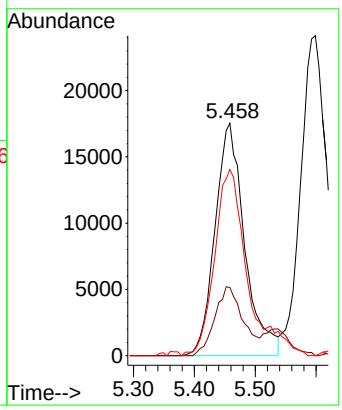


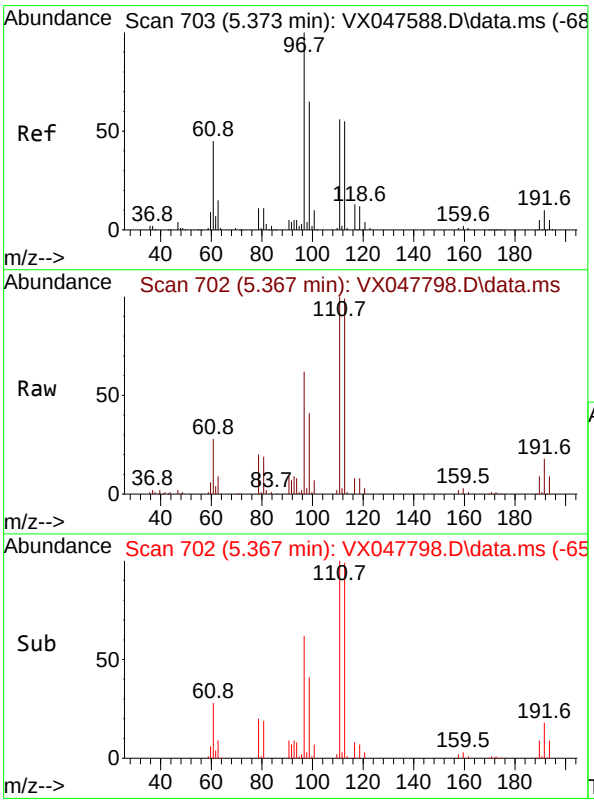
#31
Cyclohexane
Concen: 19.208 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 56 Resp: 59230

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.8	35.8
84	78.3	64.6	97.0

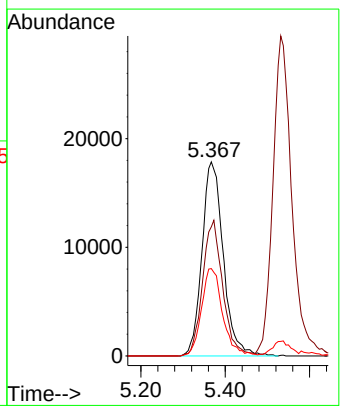


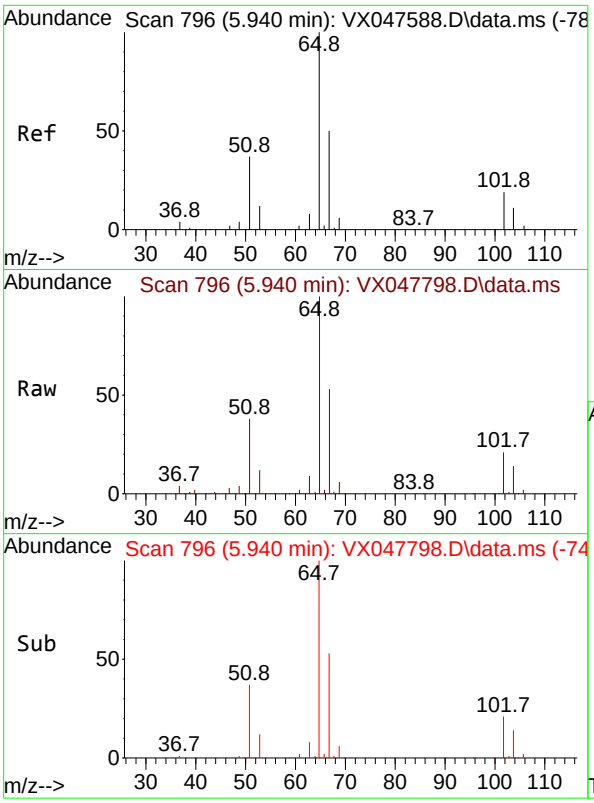


#32
1,1,1-Trichloroethane
Concen: 19.798 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 97 Resp: 62827

Ion	Ratio	Lower	Upper
97	100		
99	65.9	50.6	76.0
61	44.6	35.8	53.8



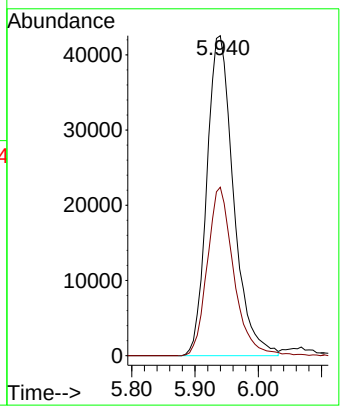


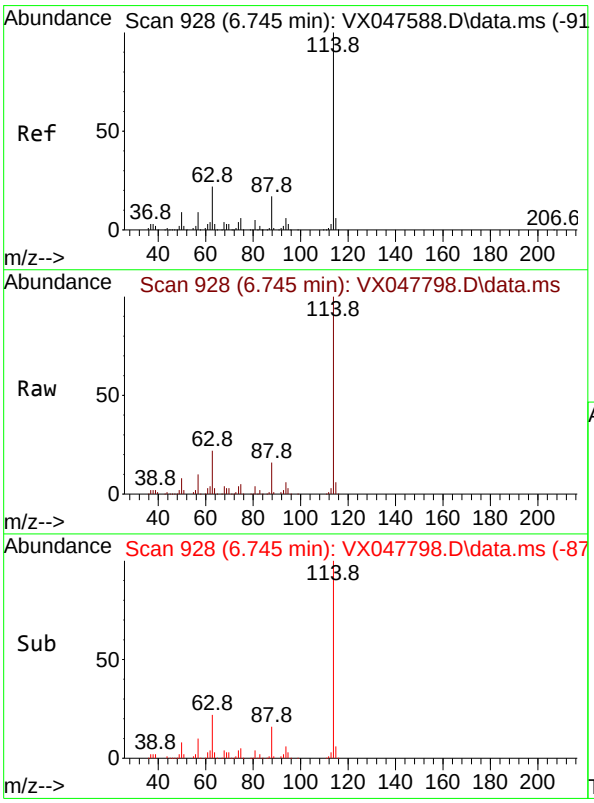
#33
1,2-Dichloroethane-d4
Concen: 53.330 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 65 Resp: 124450

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0

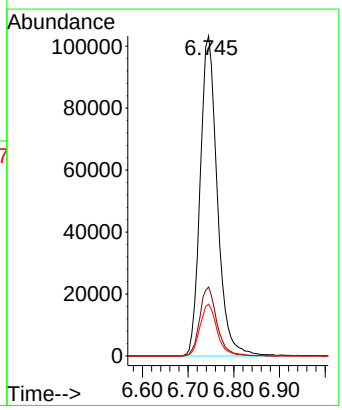


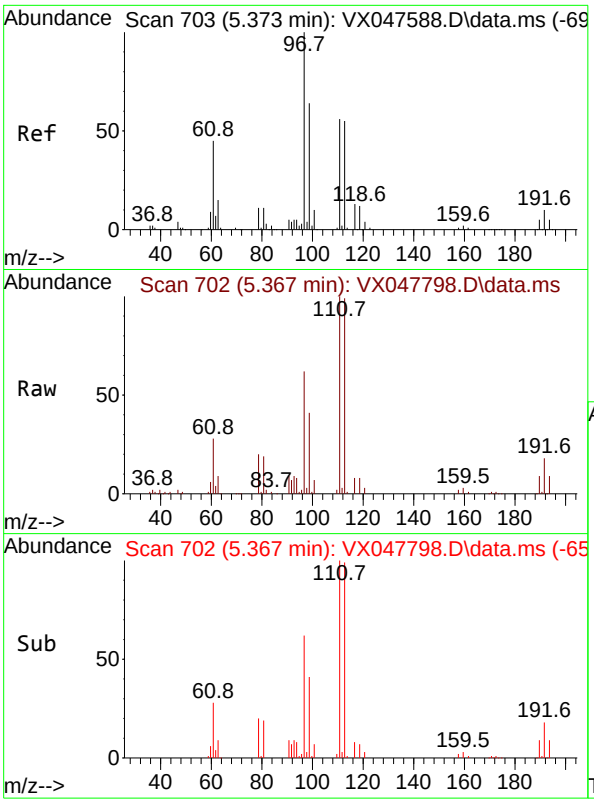


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:114 Resp: 268605

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	44.0
88	16.2	0.0	34.2



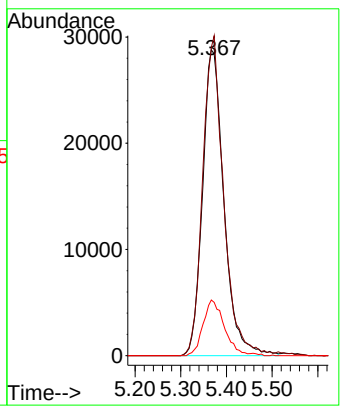


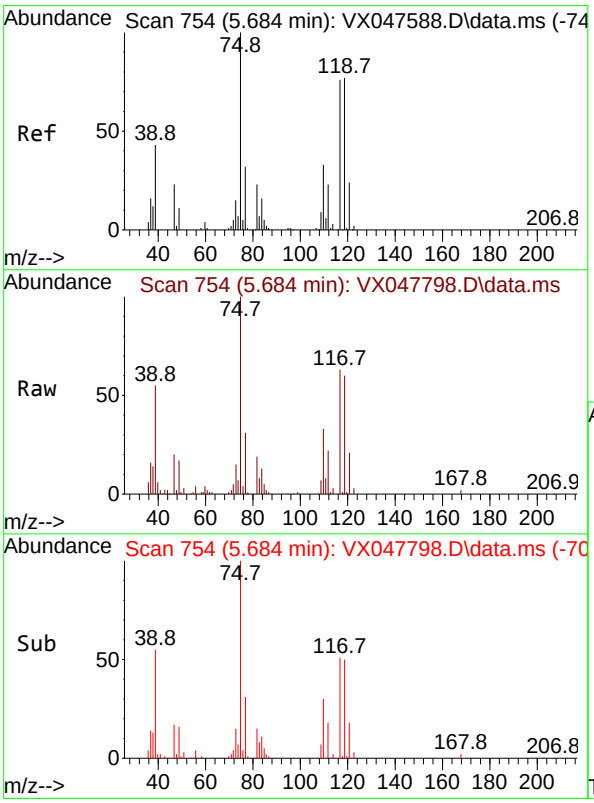
#35
Dibromofluoromethane
Concen: 52.034 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:113 Resp: 93735

Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.9	121.3
192	18.3	14.2	21.4

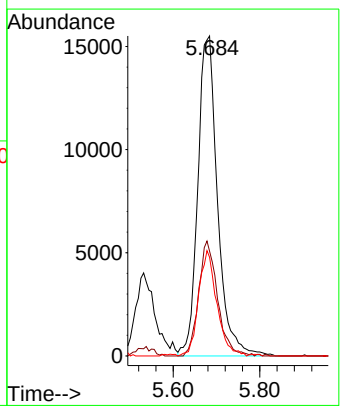


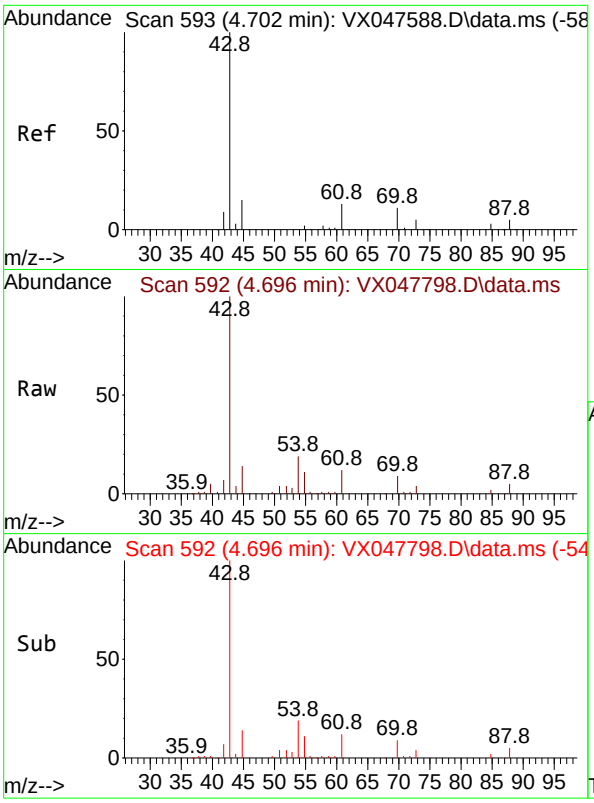


#36
1,1-Dichloropropene
Concen: 18.687 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 75 Resp: 49190

Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.7	50.1
77	30.4	24.3	36.5



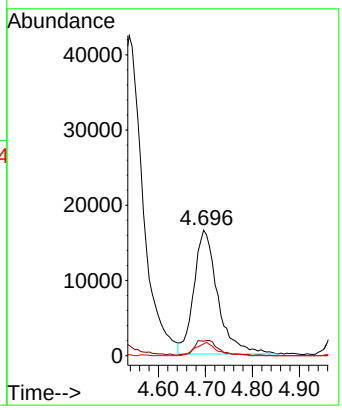


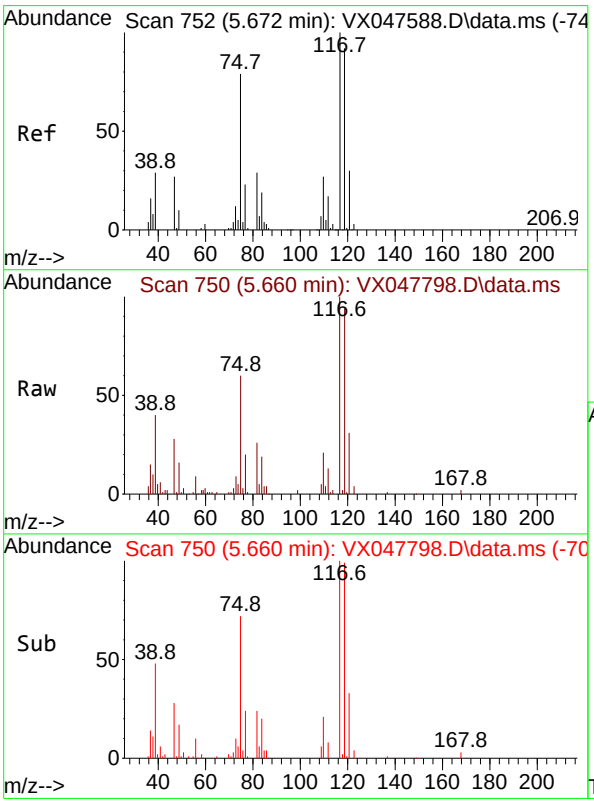
#37
Ethyl Acetate
Concen: 20.616 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 43 Resp: 58104

Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.8	14.8
70	9.5	7.9	11.9

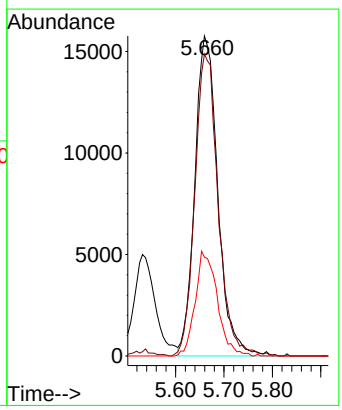


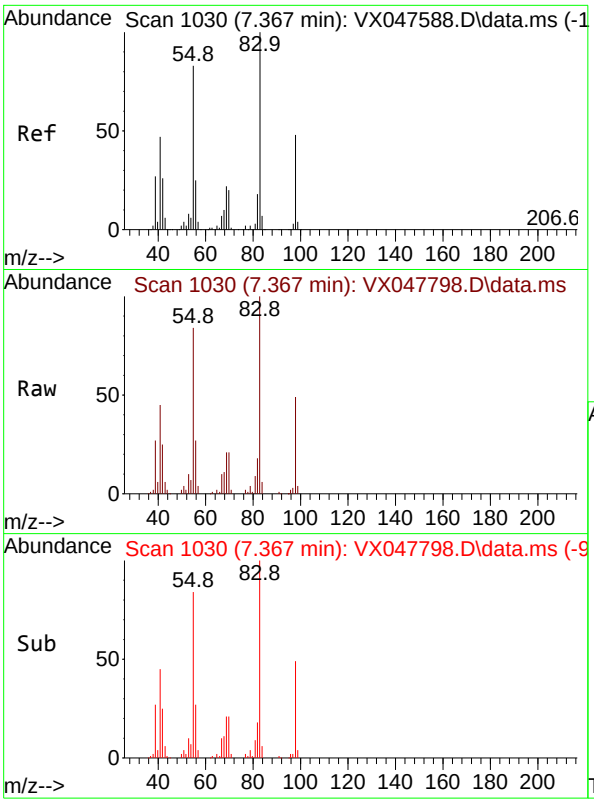


#38
Carbon Tetrachloride
Concen: 18.201 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:117 Resp: 52056

Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.4	110.2
121	30.9	23.8	35.6



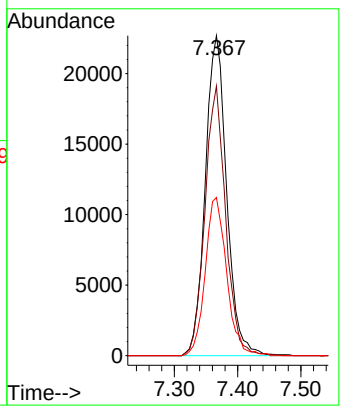


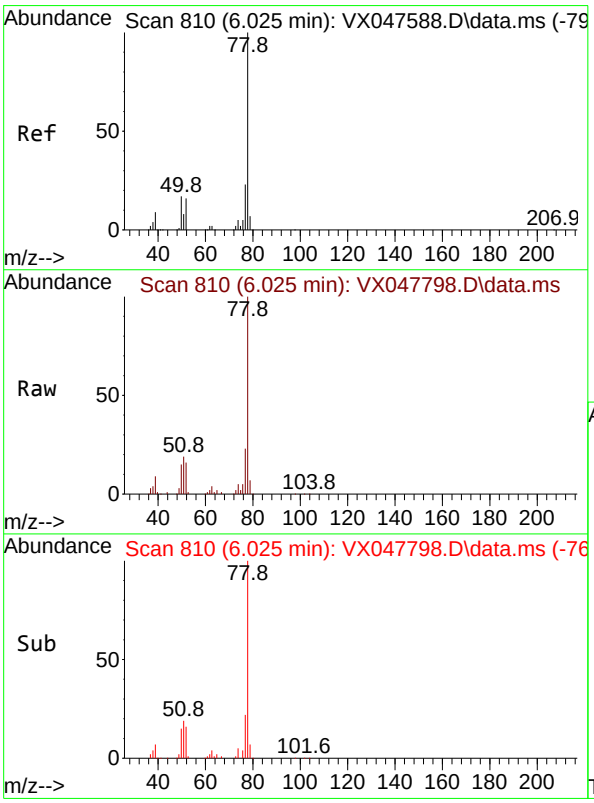
#39
Methylcyclohexane
Concen: 17.818 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 83 Resp: 53240

Ion	Ratio	Lower	Upper
83	100		
55	84.3	66.4	99.6
98	49.4	38.1	57.1

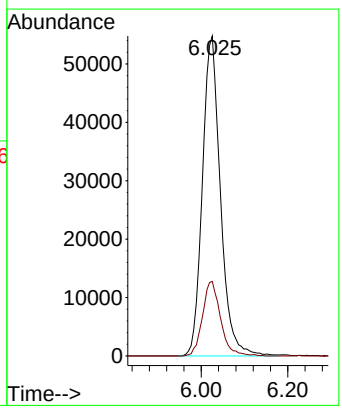


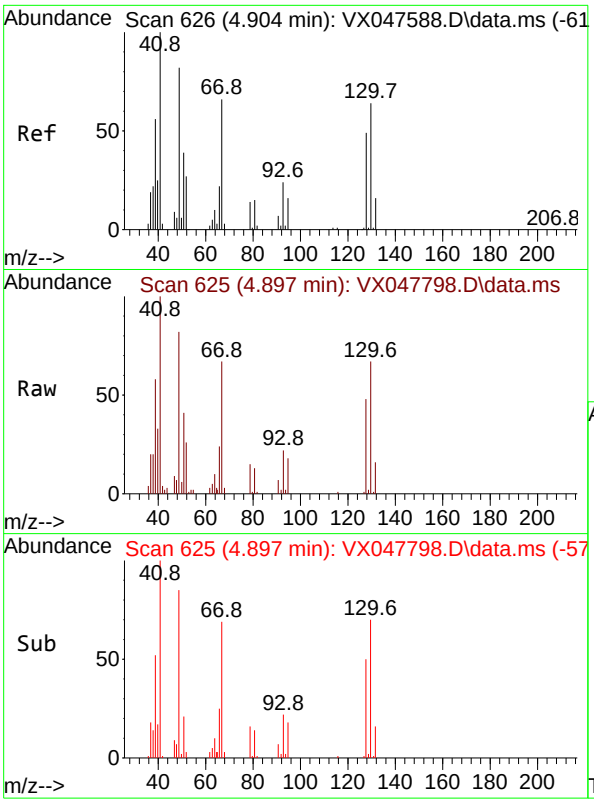


#40
Benzene
Concen: 19.850 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 78 Resp: 158698

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2



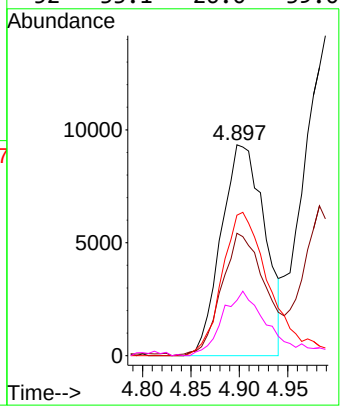


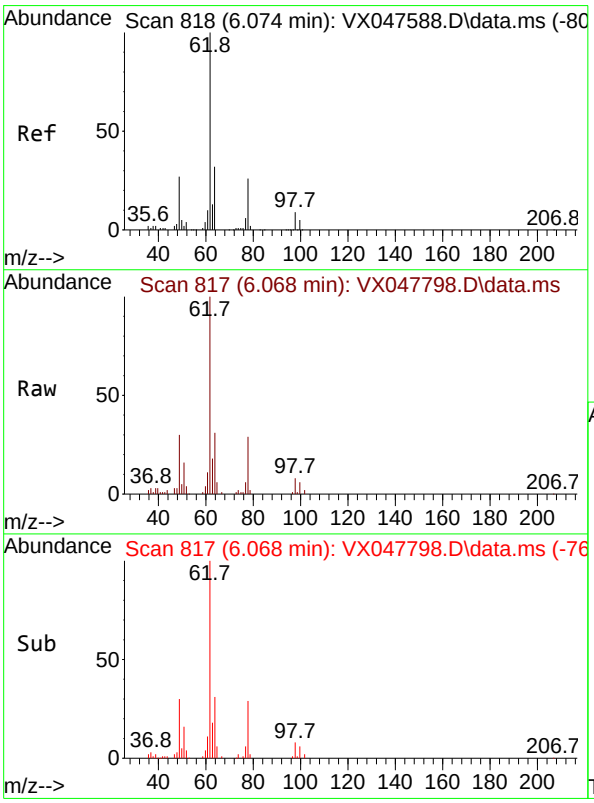
#41
Methacrylonitrile
Concen: 20.125 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 41 Resp: 29283

Ion	Ratio	Lower	Upper
41	100		
39	58.6	43.3	64.9
67	74.2	58.6	87.8
52	33.1	26.0	39.0

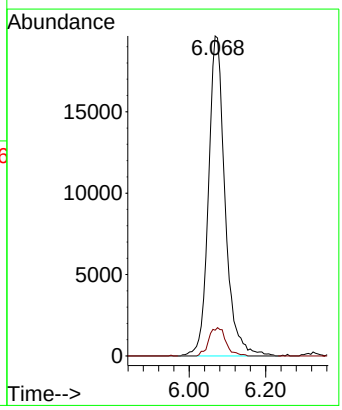


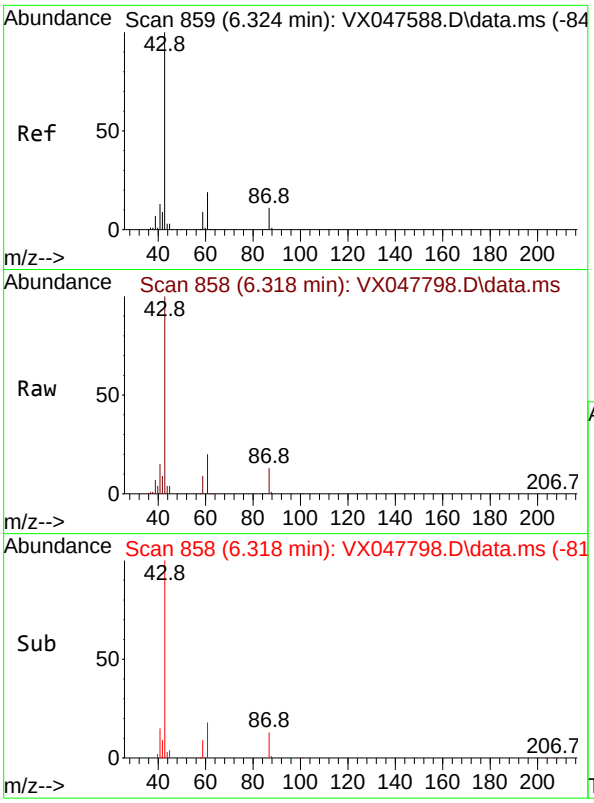


#42
1,2-Dichloroethane
Concen: 19.457 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 62 Resp: 59188

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0



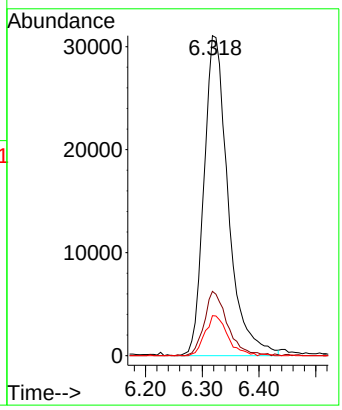


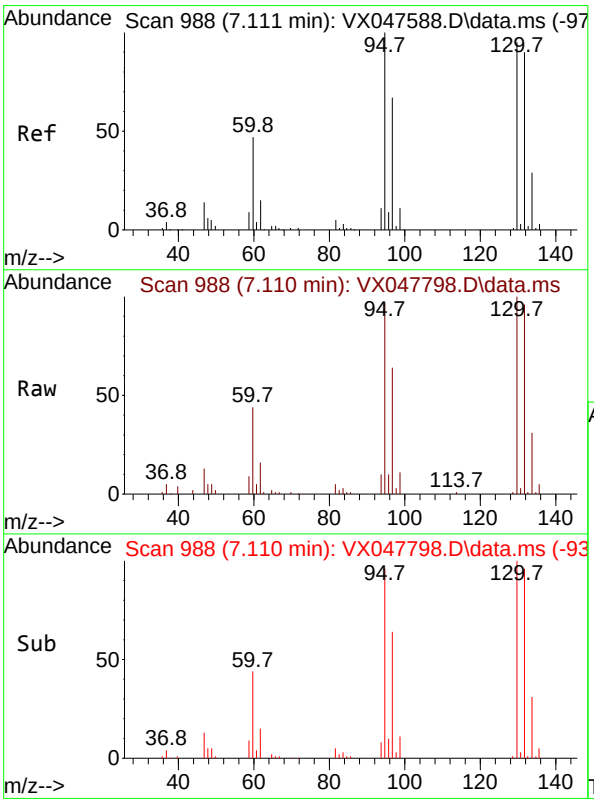
#43
Isopropyl Acetate
Concen: 19.936 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 43 Resp: 92154

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	11.7	9.6	14.4

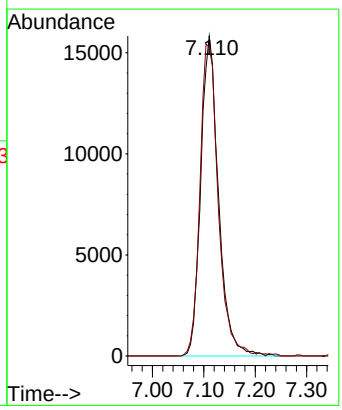


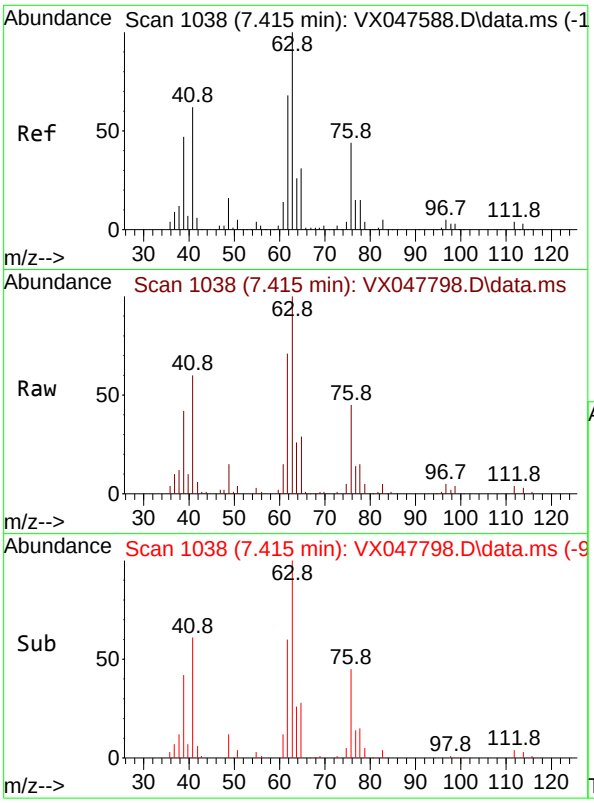


#44
Trichloroethene
Concen: 19.662 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:130 Resp: 38005

Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	210.8



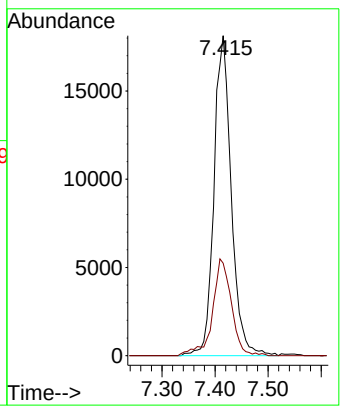


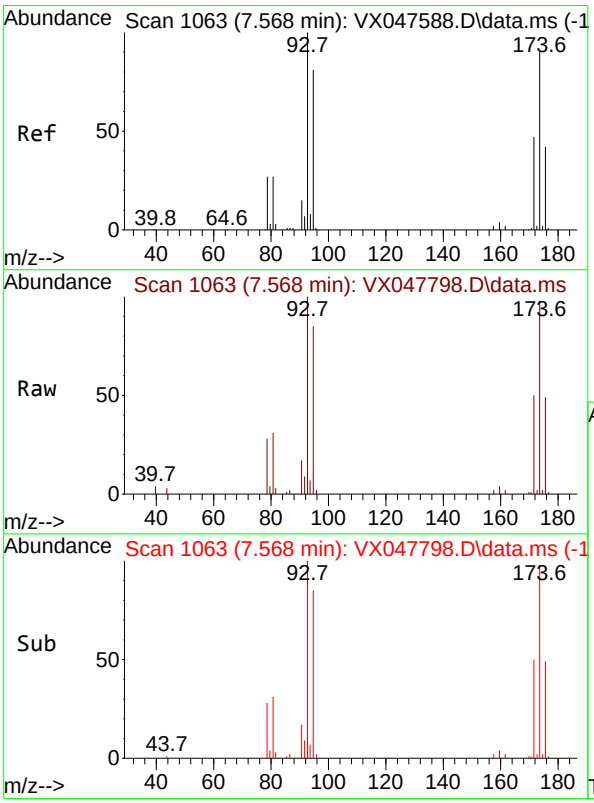
#45
1,2-Dichloropropane
Concen: 20.111 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 63 Resp: 41172

Ion	Ratio	Lower	Upper
63	100		
65	28.9	24.7	37.1

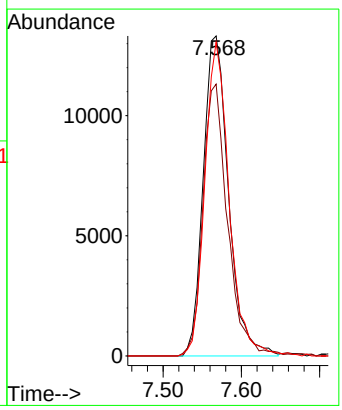


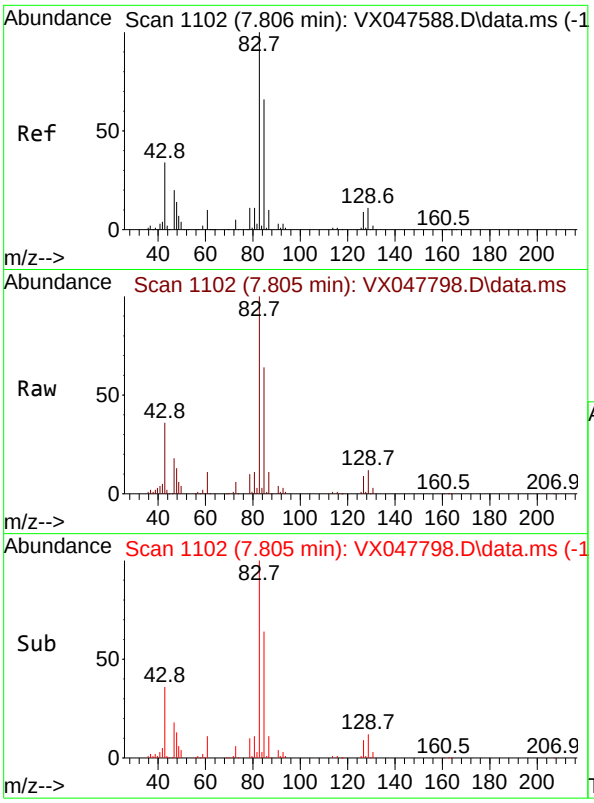


#46
Dibromomethane
Concen: 20.053 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 93 Resp: 29874

Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.0	97.6
174	94.3	71.6	107.4



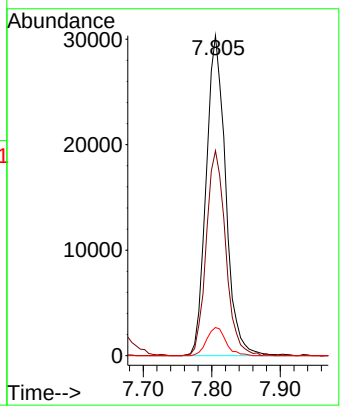


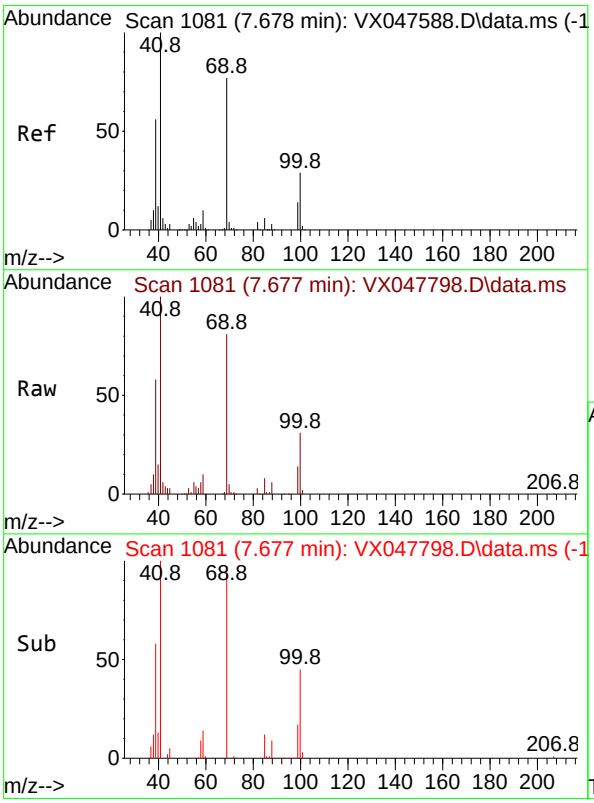
#47
Bromodichloromethane
Concen: 19.481 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 83 Resp: 59888

Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.5	78.7
127	8.8	6.9	10.3

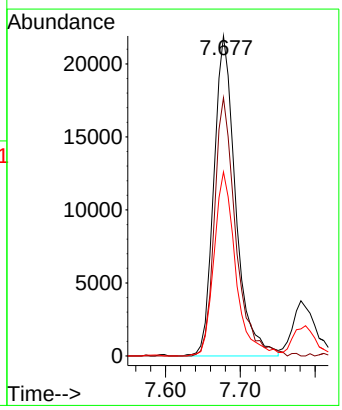


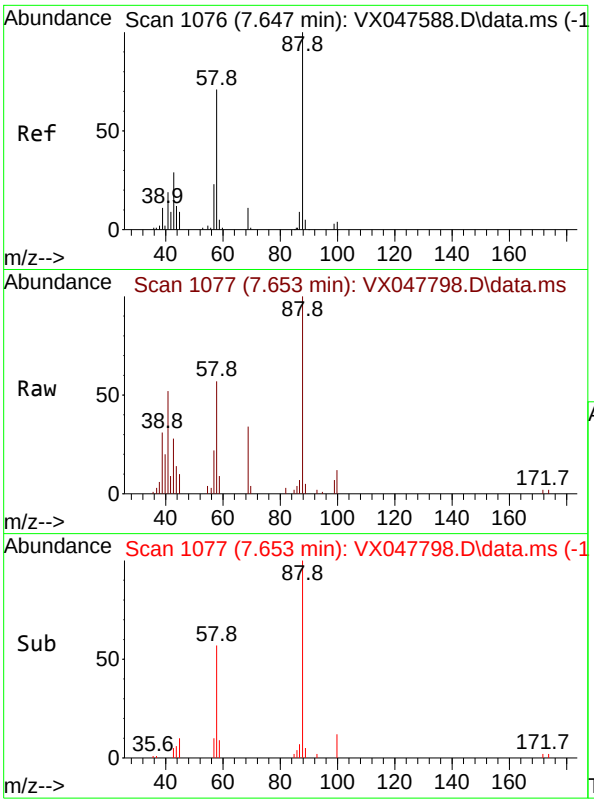


#48
Methyl methacrylate
Concen: 19.308 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 41 Resp: 44455

Ion	Ratio	Lower	Upper
41	100		
69	78.7	61.4	92.2
39	57.1	45.8	68.6



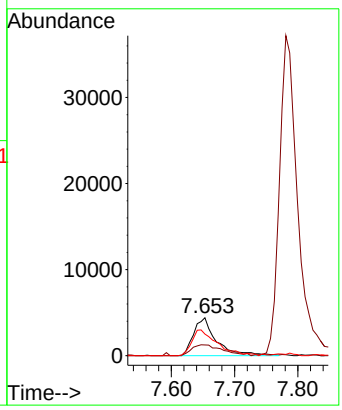


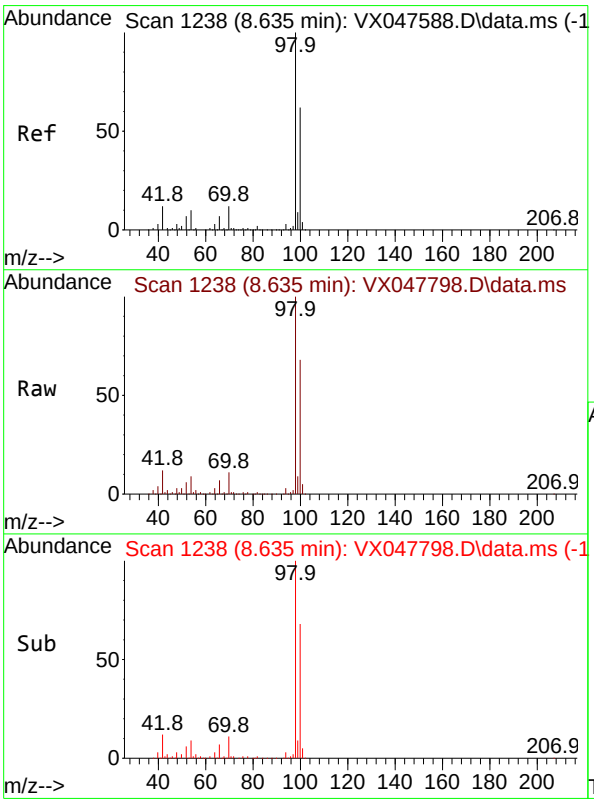
#49
1,4-Dioxane
Concen: 475.570 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 88 Resp: 11066

Ion	Ratio	Lower	Upper
88	100		
43	38.8	30.2	45.2
58	75.4	59.5	89.3

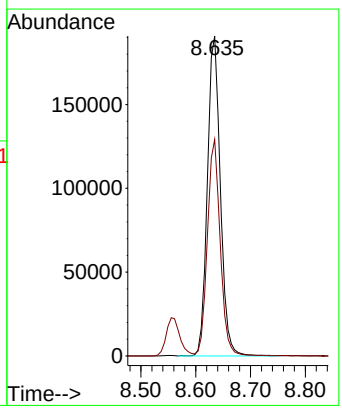


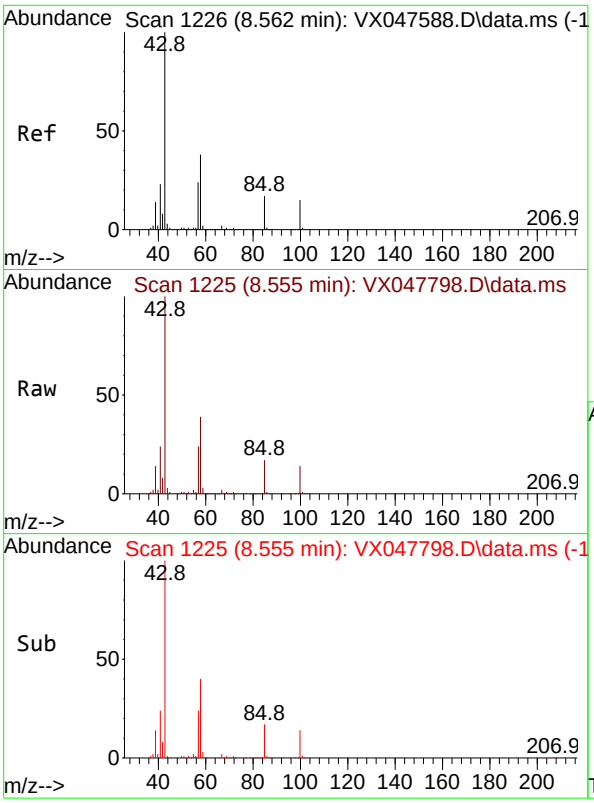


#50
Toluene-d8
Concen: 50.167 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 98 Resp: 312702

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4



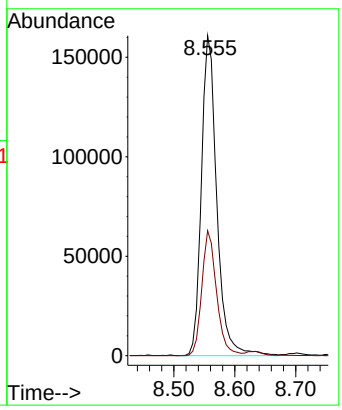


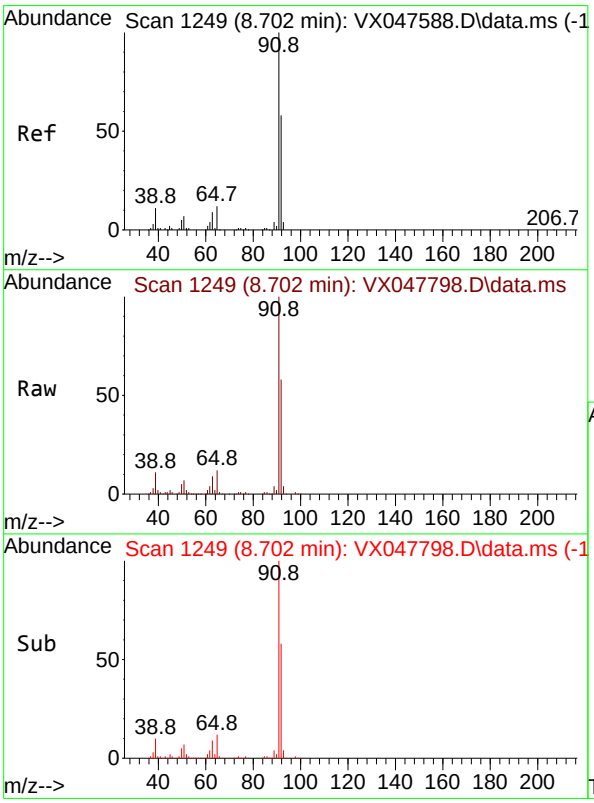
#51
4-Methyl-2-Pentanone
Concen: 110.466 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 43 Resp: 283110

Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.3	45.5

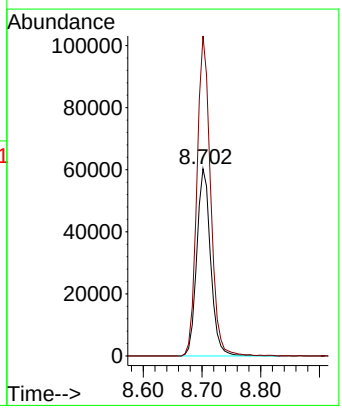


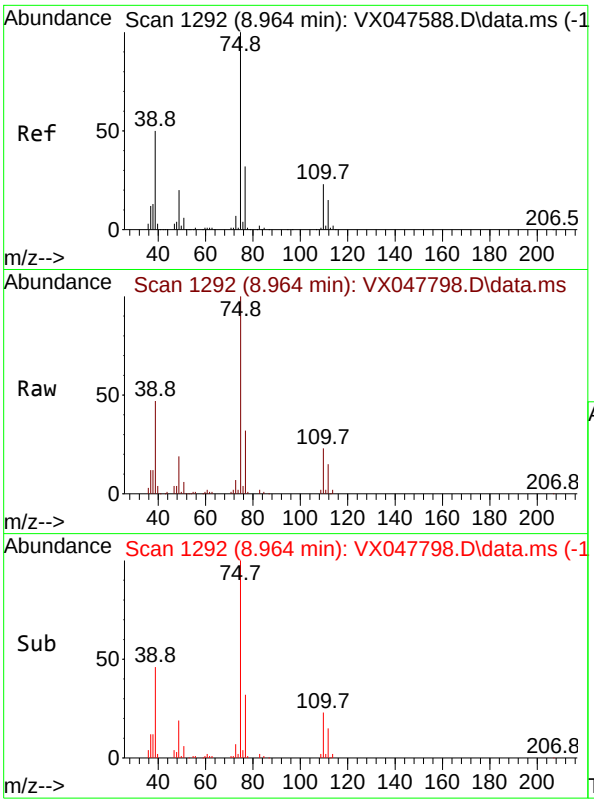


#52
Toluene
Concen: 19.965 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 92 Resp: 98340

Ion	Ratio	Lower	Upper
92	100		
91	168.2	137.1	205.7



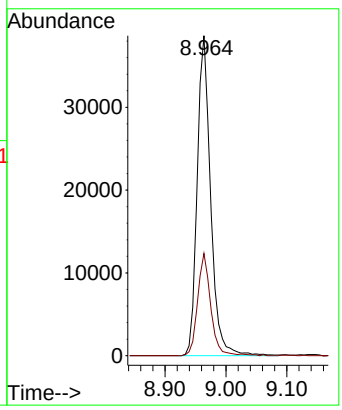


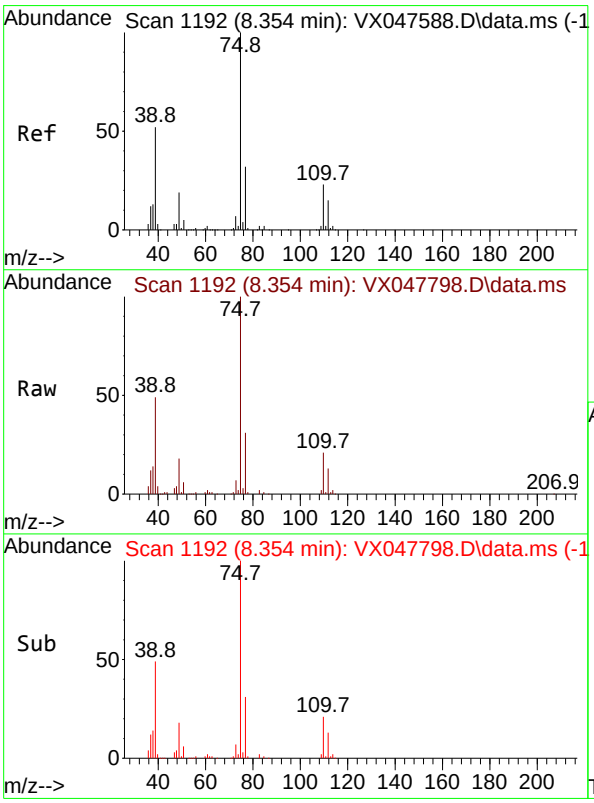
#53
t-1,3-Dichloropropene
Concen: 18.891 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 75 Resp: 59236

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.2

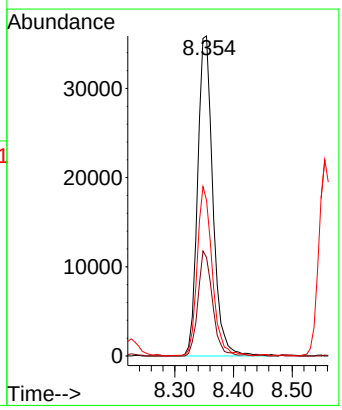


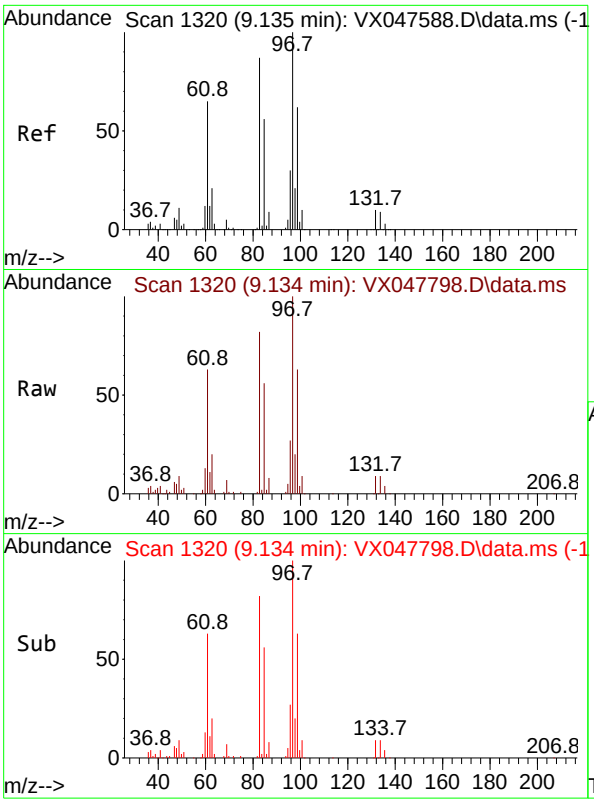


#54
cis-1,3-Dichloropropene
Concen: 19.330 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 75 Resp: 64785

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.8	38.6
39	48.4	41.4	62.2



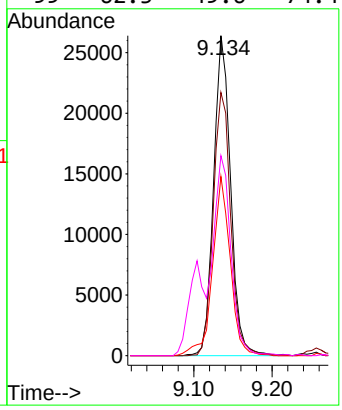


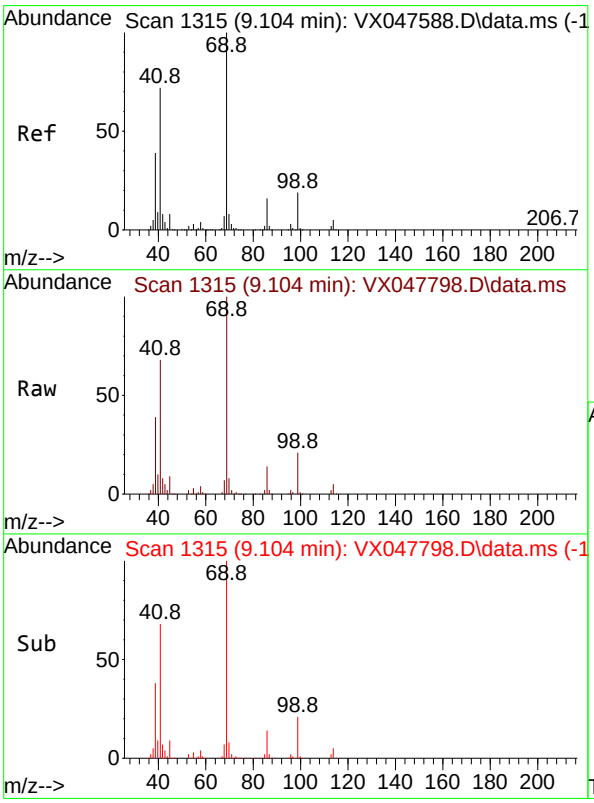
#55
1,1,2-Trichloroethane
Concen: 20.990 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 97 Resp: 39867

Ion	Ratio	Lower	Upper
97	100		
83	82.2	69.6	104.4
85	56.0	45.0	67.6
99	62.3	49.6	74.4

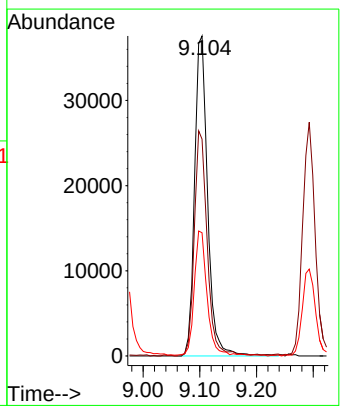


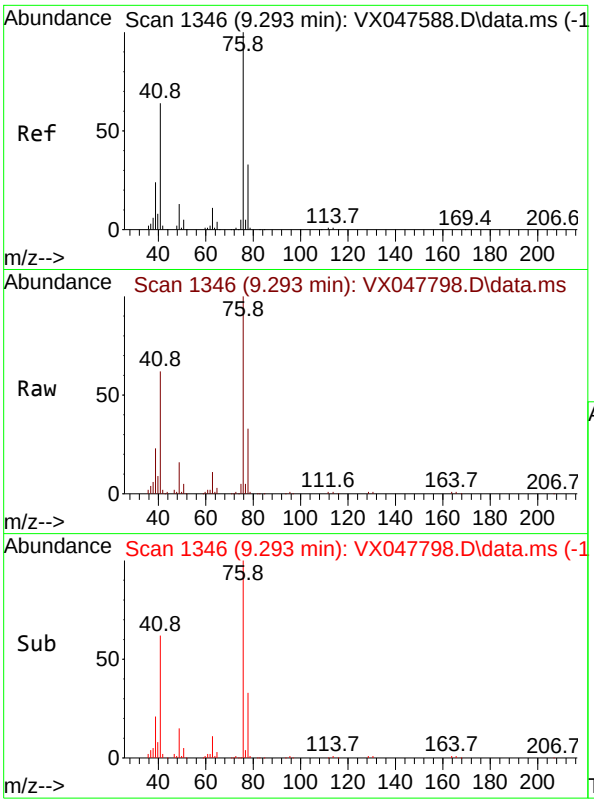


#56
Ethyl methacrylate
Concen: 20.104 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 69 Resp: 59966

Ion	Ratio	Lower	Upper
69	100		
41	69.7	58.6	87.8
39	39.2	31.5	47.3



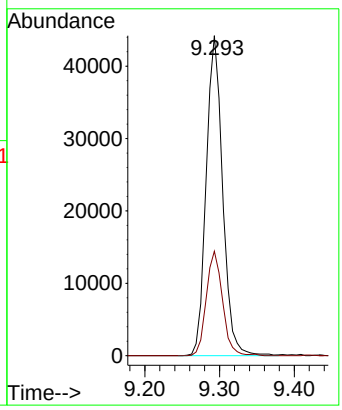


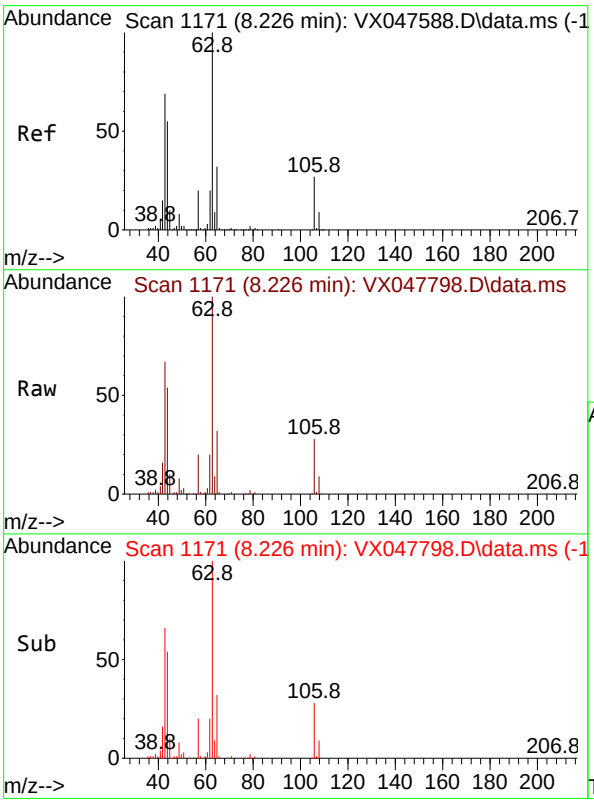
#57
1,3-Dichloropropane
Concen: 20.730 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 76 Resp: 67634

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4

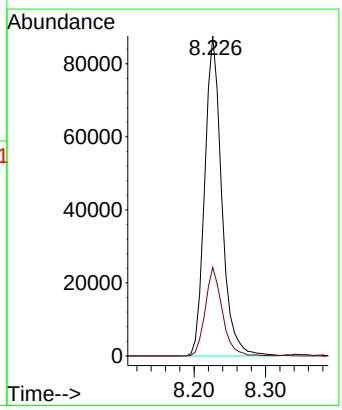


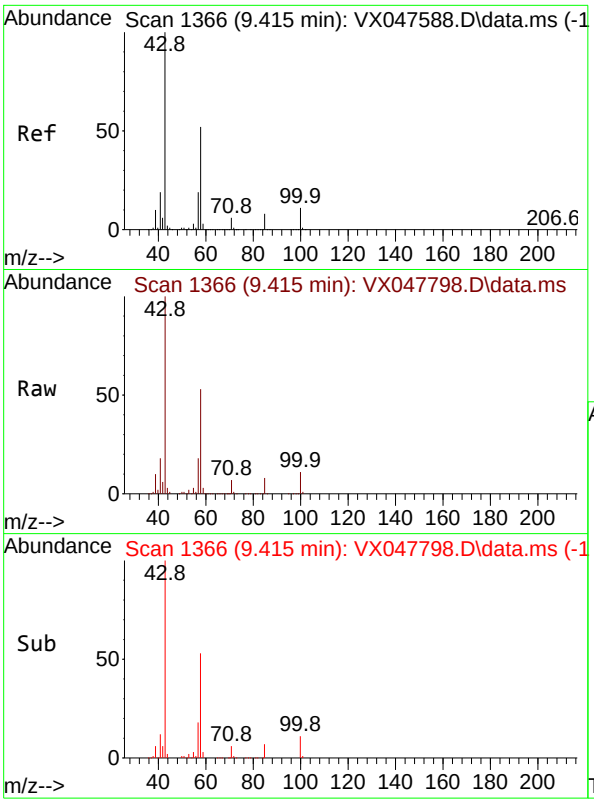


#58
2-Chloroethyl Vinyl ether
Concen: 108.334 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 63 Resp: 144584

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9



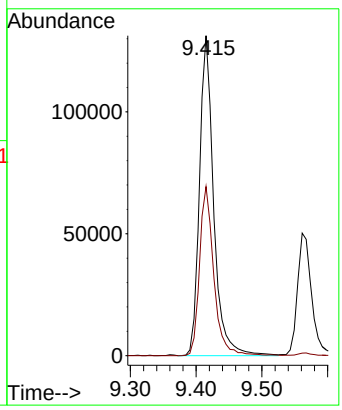


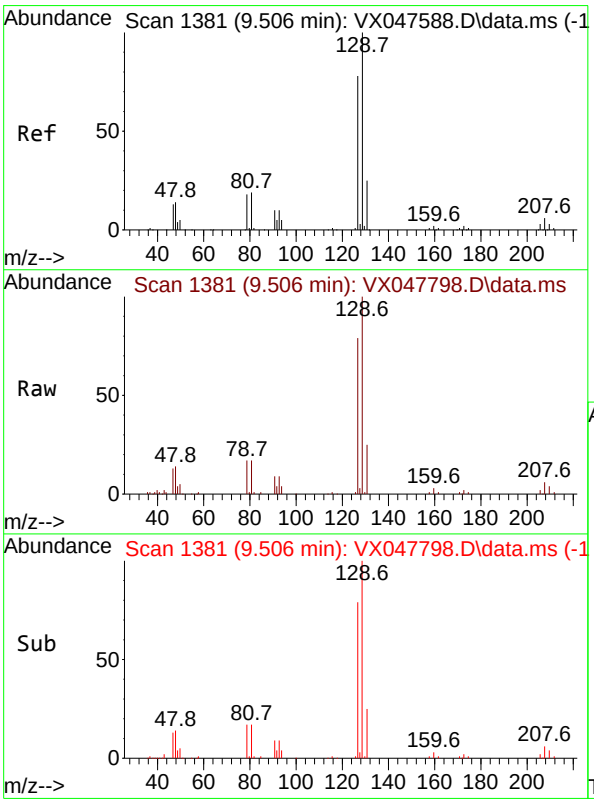
#59
2-Hexanone
Concen: 107.038 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 43 Resp: 197021

Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.1	78.2

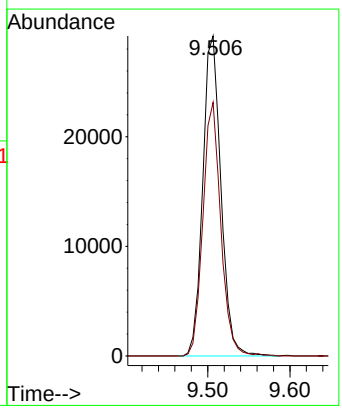


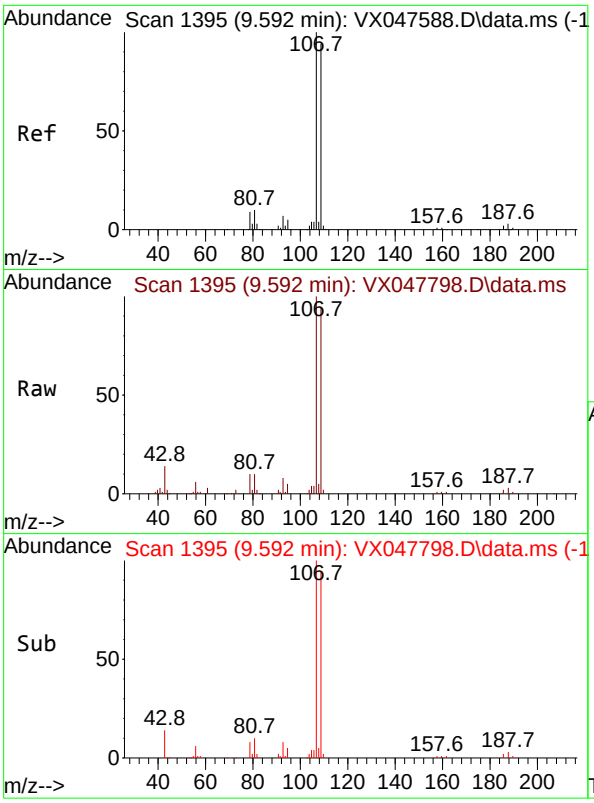


#60
Dibromochloromethane
Concen: 20.506 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:129 Resp: 44875

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.4	115.2



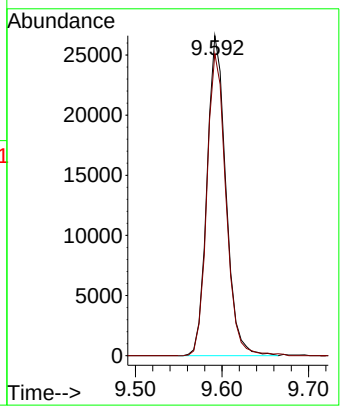


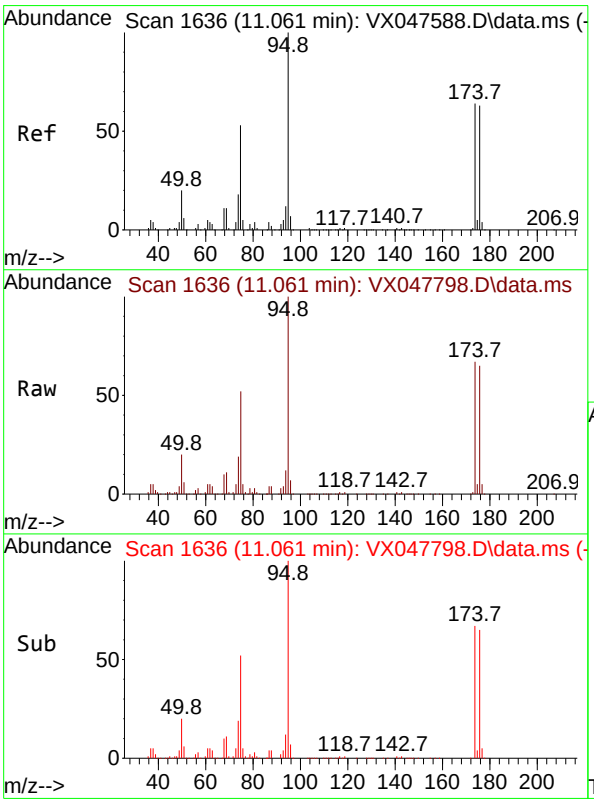
#61
1,2-Dibromoethane
Concen: 20.839 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:107 Resp: 40314

Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.3	112.9

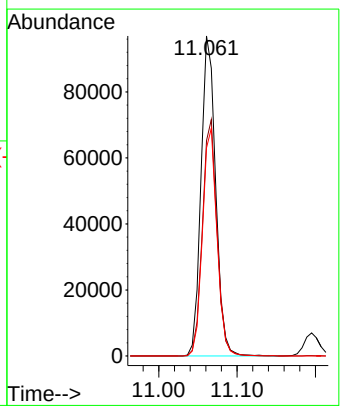


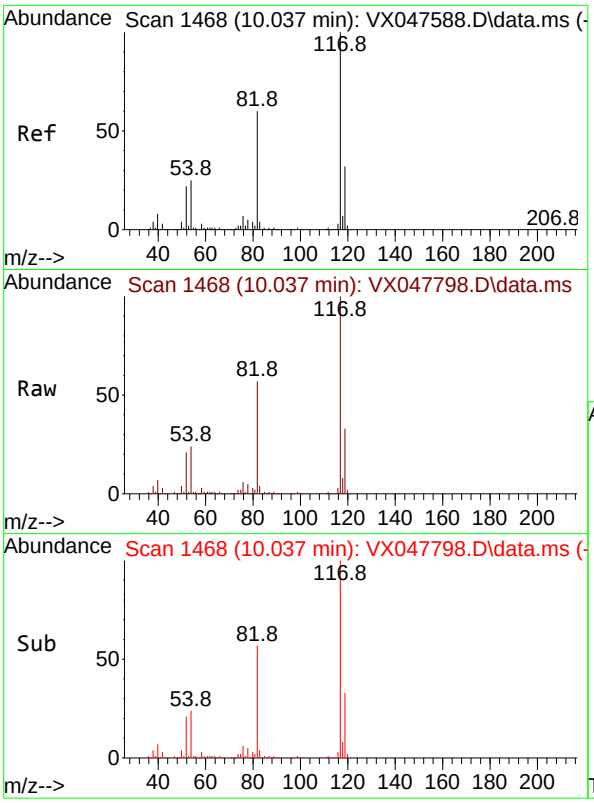


#62
4-Bromofluorobenzene
Concen: 53.101 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 95 Resp: 125617

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	141.6
176	70.5	0.0	138.4



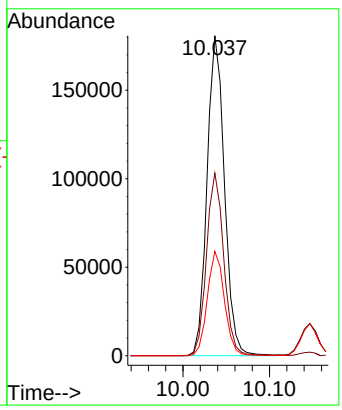


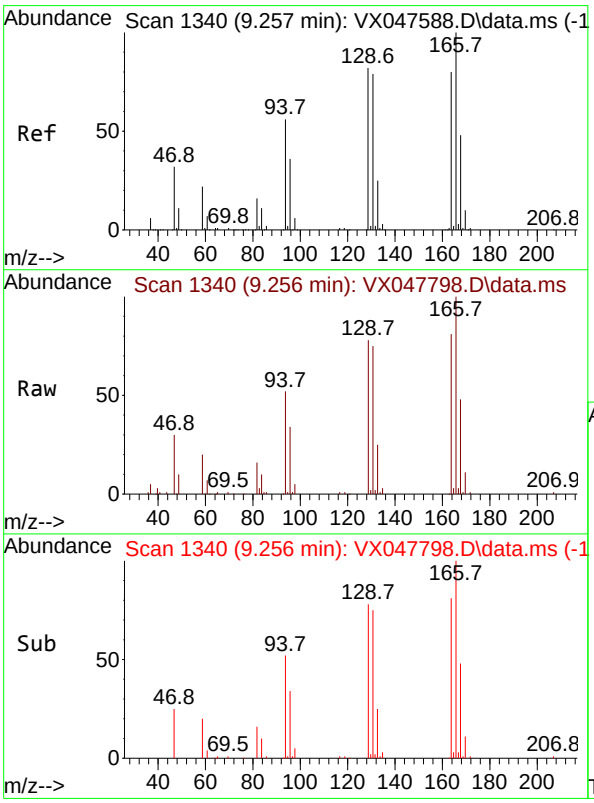
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:117 Resp: 252515

Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.8	71.6
119	32.6	25.2	37.8

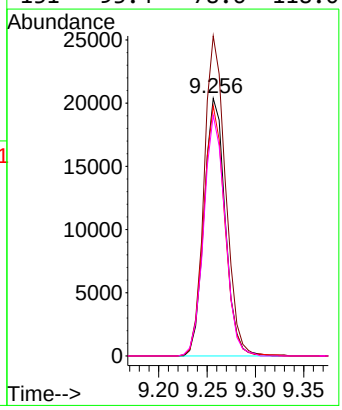


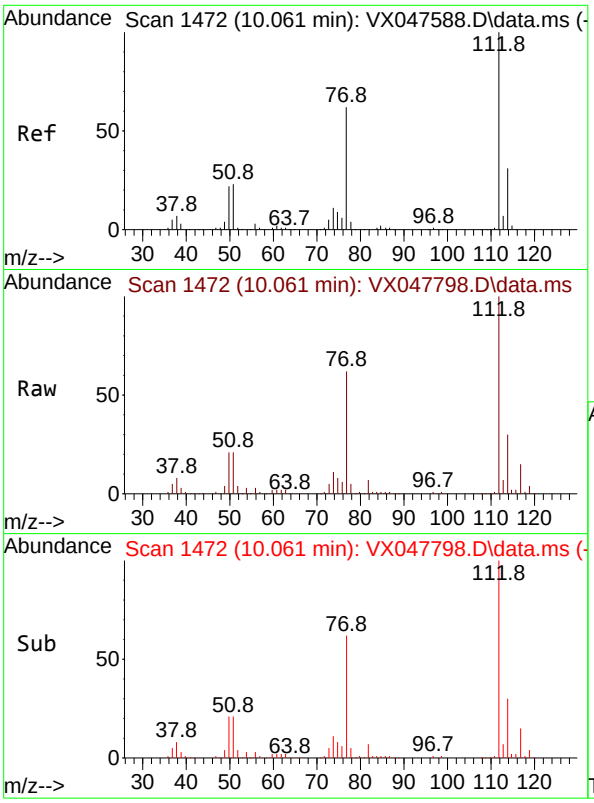


#64
Tetrachloroethene
Concen: 18.700 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:164 Resp: 30782

Ion	Ratio	Lower	Upper
164	100		
166	124.2	100.2	150.2
129	97.1	81.8	122.6
131	93.4	78.6	118.0



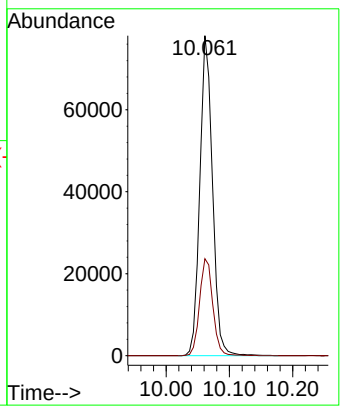


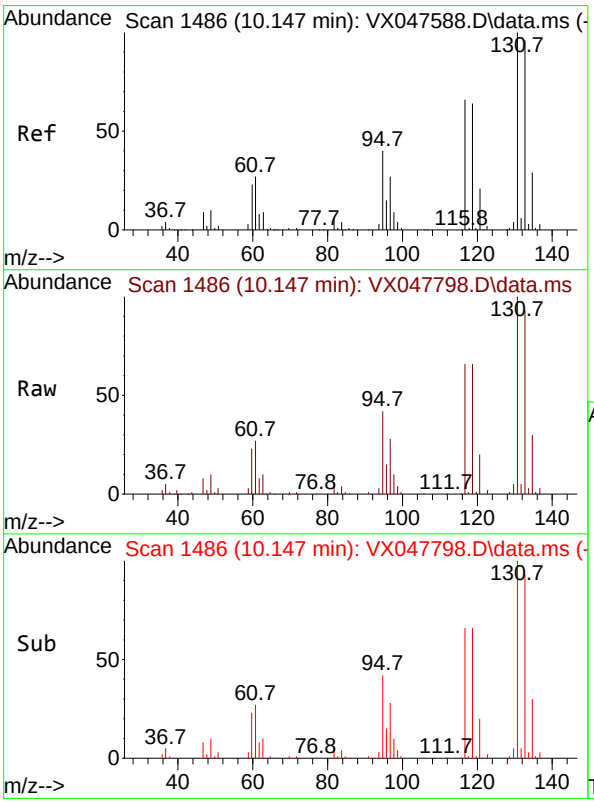
#65
Chlorobenzene
Concen: 18.961 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:112 Resp: 108771

Ion	Ratio	Lower	Upper
112	100		
114	30.3	25.1	37.7

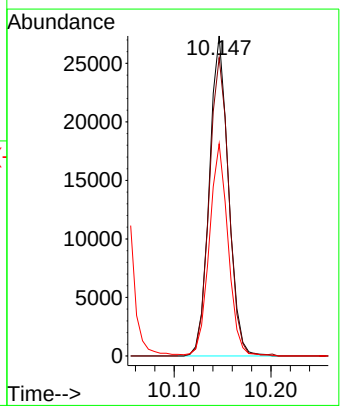


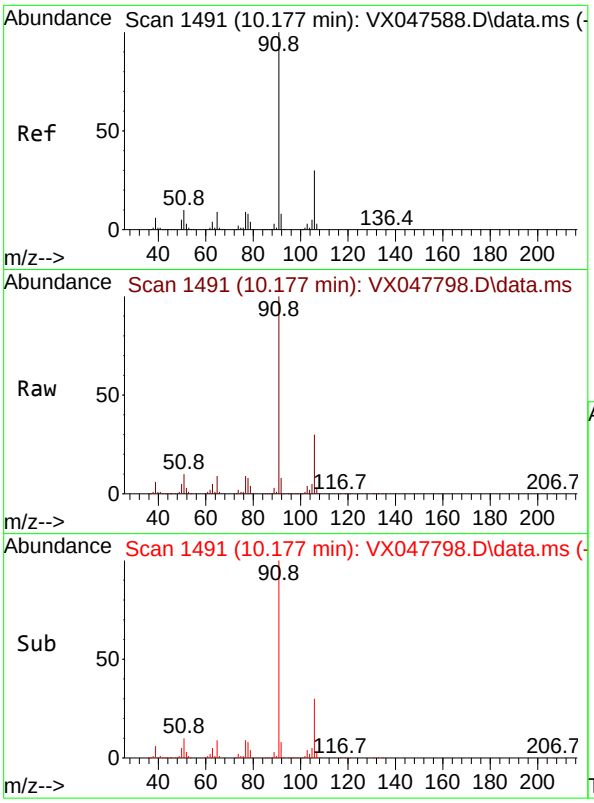


#66
1,1,1,2-Tetrachloroethane
Concen: 18.953 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:131 Resp: 37519

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.3	142.0
119	65.3	32.0	96.0



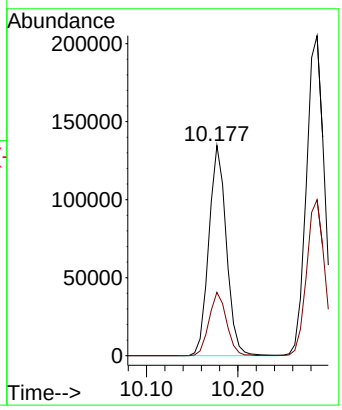


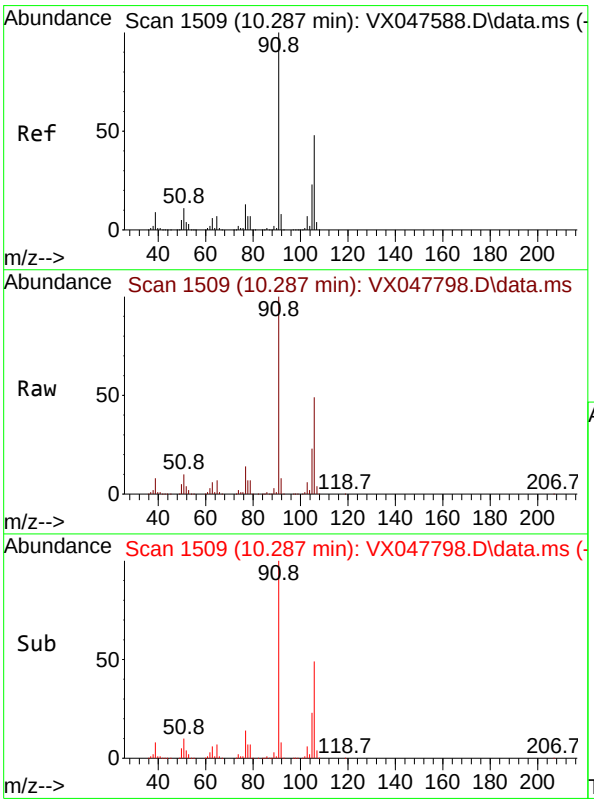
#67
Ethyl Benzene
Concen: 18.084 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 91 Resp: 178998

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.3	36.5

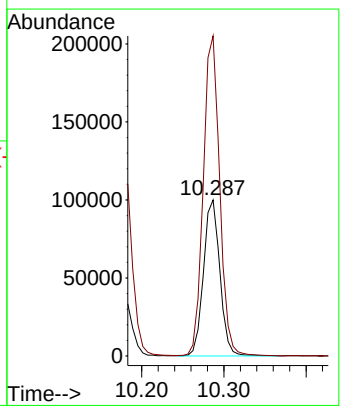


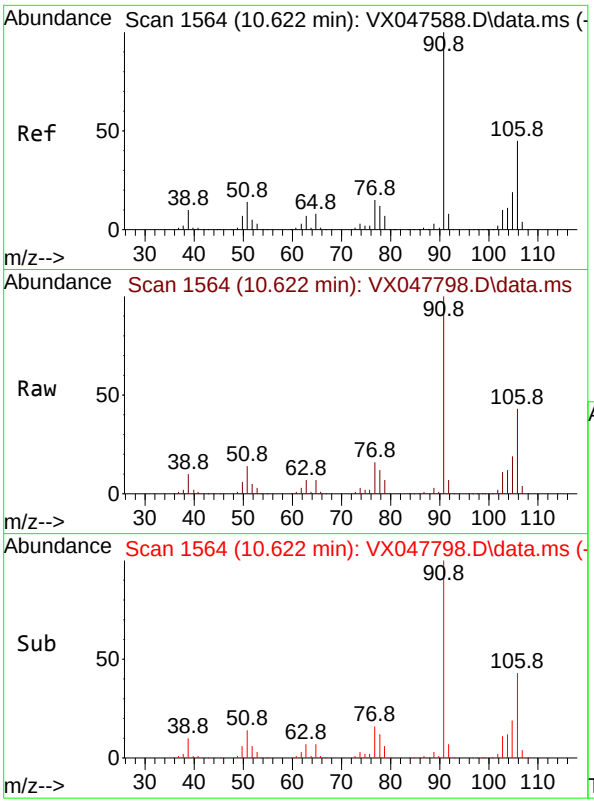


#68
m/p-Xylenes
Concen: 37.567 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:106 Resp: 138405

Ion	Ratio	Lower	Upper
106	100		
91	205.9	167.8	251.8



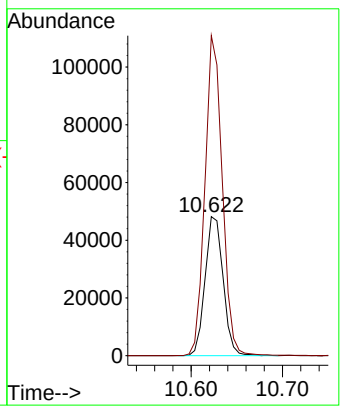


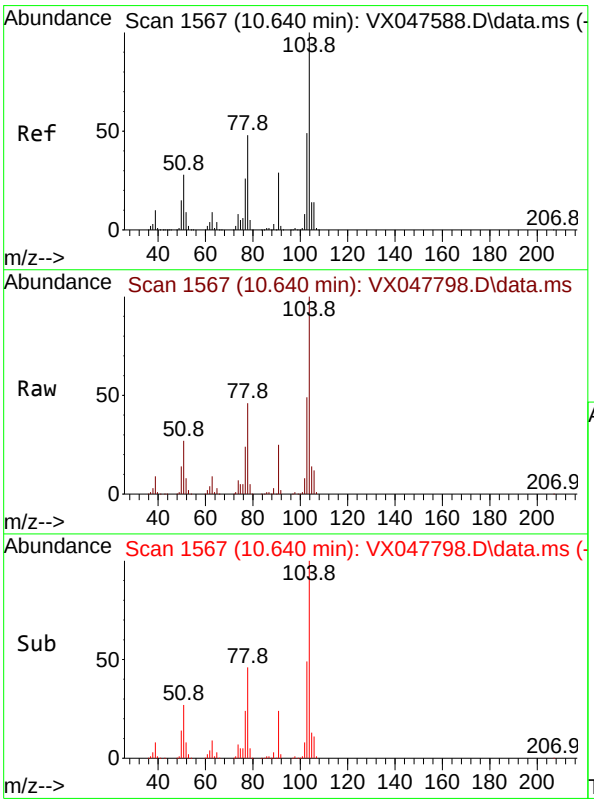
#69
o-Xylene
Concen: 18.496 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:106 Resp: 65909

Ion	Ratio	Lower	Upper
106	100		
91	221.7	111.1	333.4

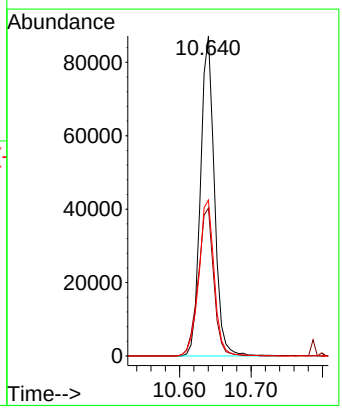


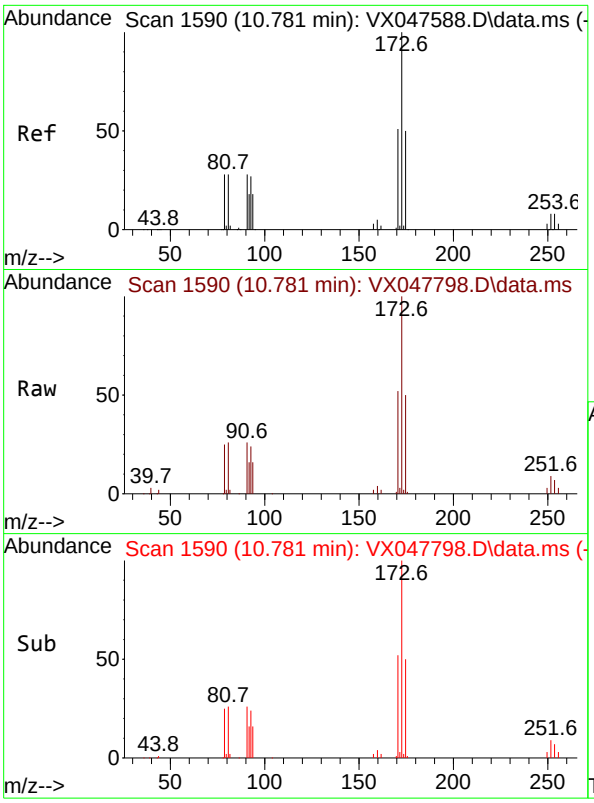


#70
Styrene
Concen: 18.926 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:104 Resp: 118170

Ion	Ratio	Lower	Upper
104	100		
78	51.5	43.1	64.7
103	53.7	43.1	64.7



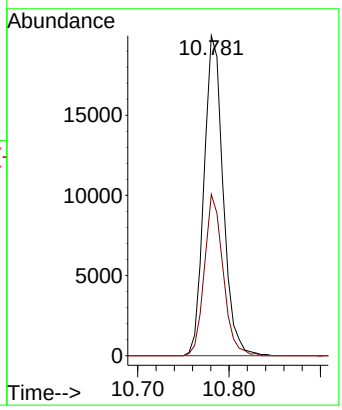


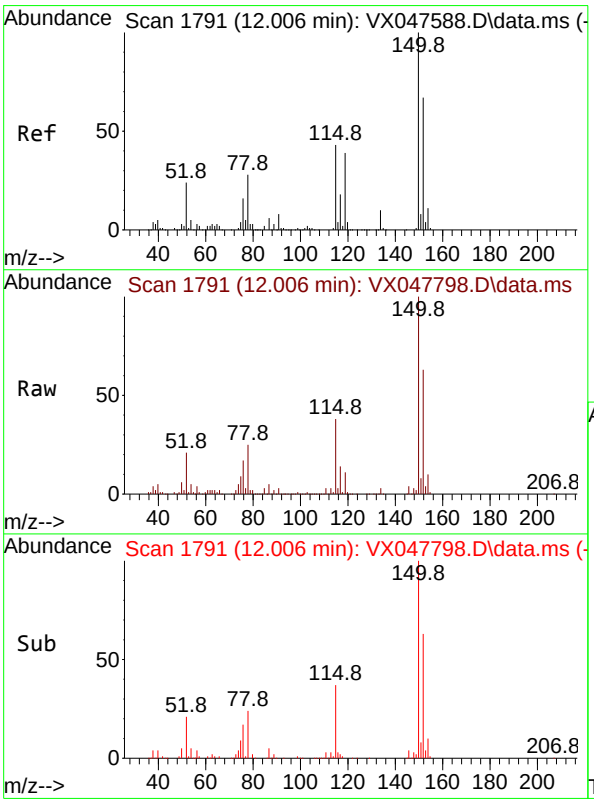
#71
Bromoform
Concen: 19.553 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:173 Resp: 28902

Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.9	74.6
254	0.0	0.1	0.1#

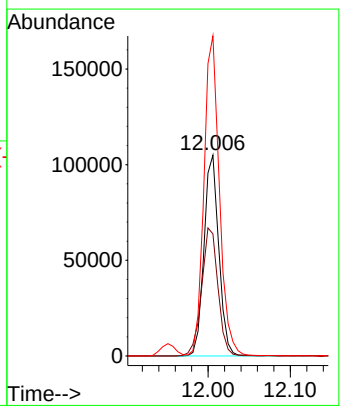


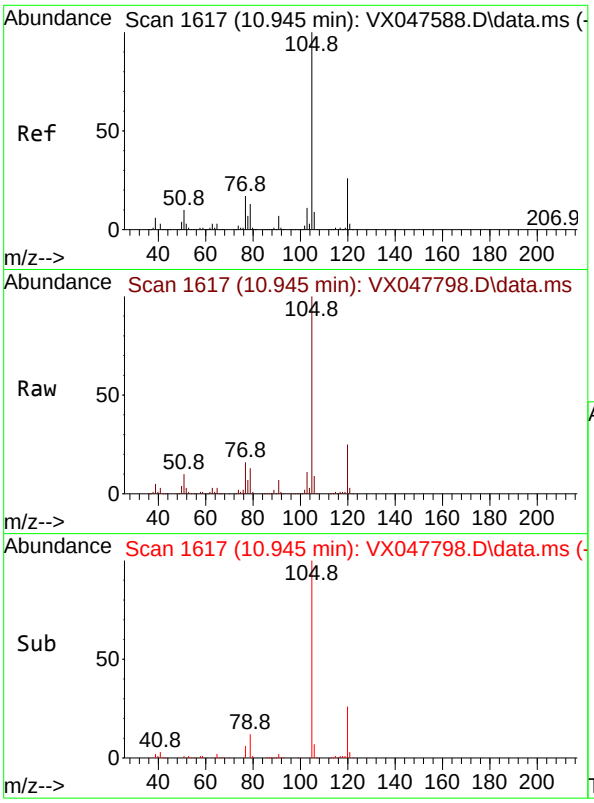


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:152 Resp: 131521

Ion	Ratio	Lower	Upper
152	100		
115	70.2	44.9	134.5
150	165.9	0.0	352.0



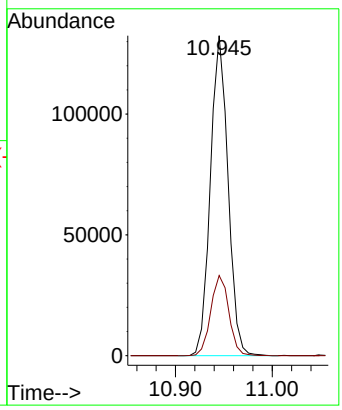


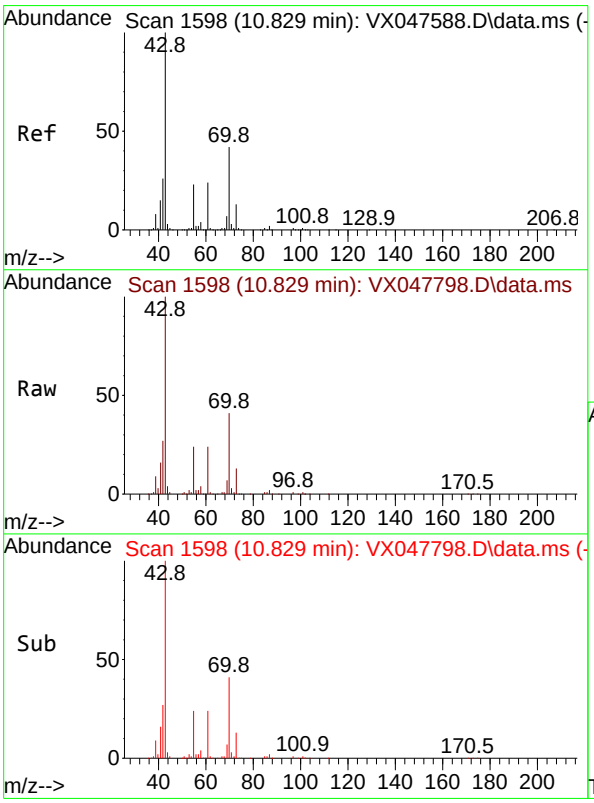
#73
Isopropylbenzene
Concen: 16.760 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:105 Resp: 167580

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4

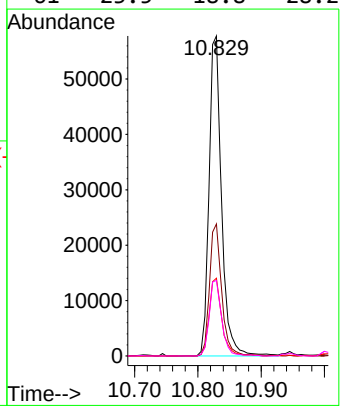


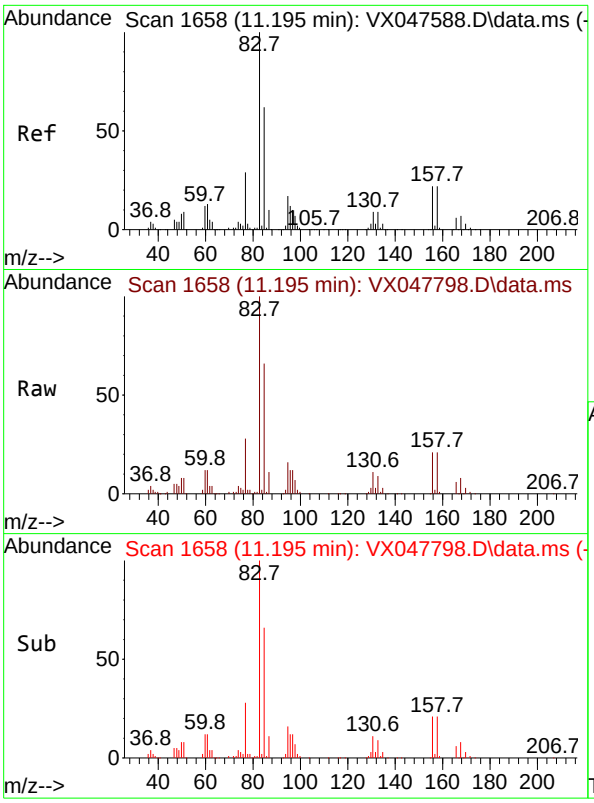


#74
N-amyl acetate
Concen: 17.416 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 43 Resp: 79411

Ion	Ratio	Lower	Upper
43	100		
70	40.4	32.0	48.0
55	24.5	18.9	28.3
61	23.5	18.8	28.2



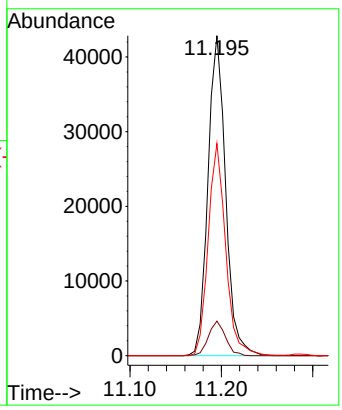


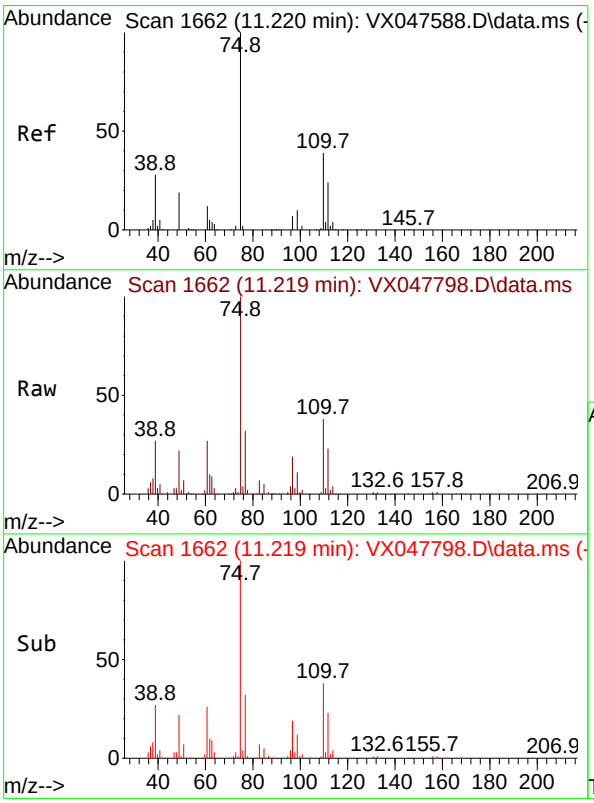
#75
1,1,2,2-Tetrachloroethane
Concen: 18.935 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 83 Resp: 57282

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.0	14.9
85	65.8	31.6	95.0

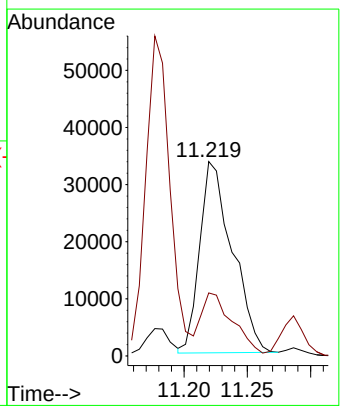


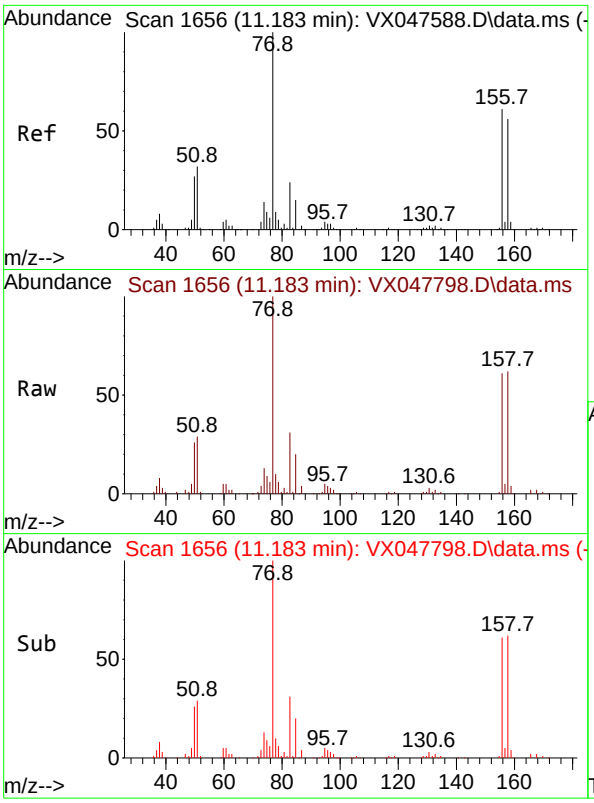


#76
1,2,3-Trichloropropane
Concen: 22.598 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 75 Resp: 60177

Ion	Ratio	Lower	Upper
75	100		
77	31.6	18.8	56.4



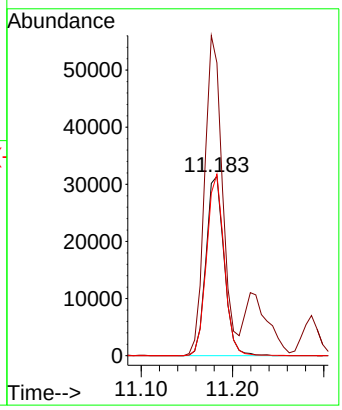


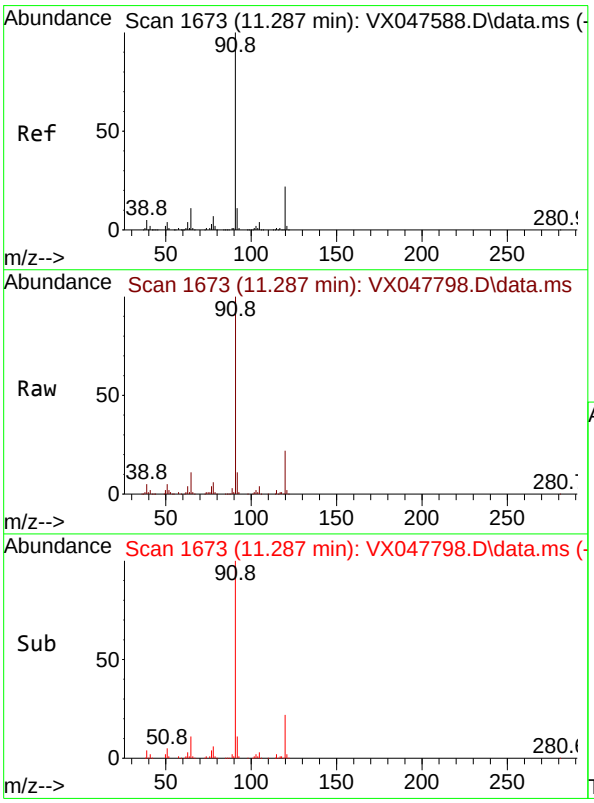
#77
Bromobenzene
Concen: 17.518 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:156 Resp: 43141

Ion	Ratio	Lower	Upper
156	100		
77	175.8	89.7	269.1
158	98.5	47.9	143.6

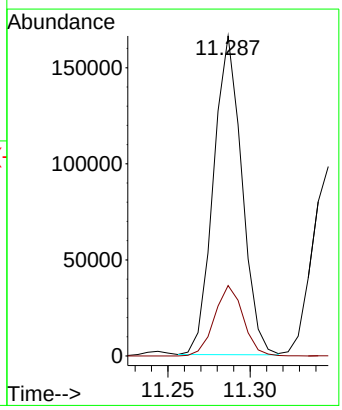


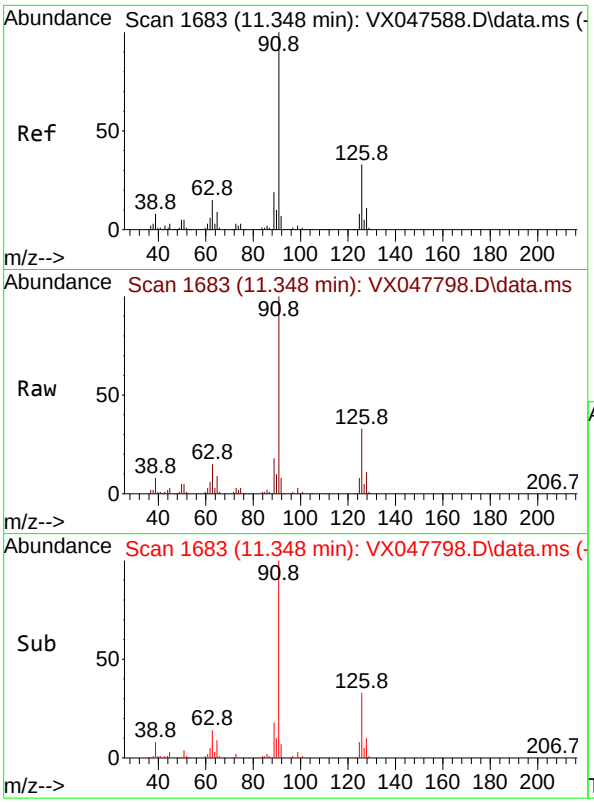


#78
n-propylbenzene
Concen: 16.848 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 91 Resp: 199146

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1



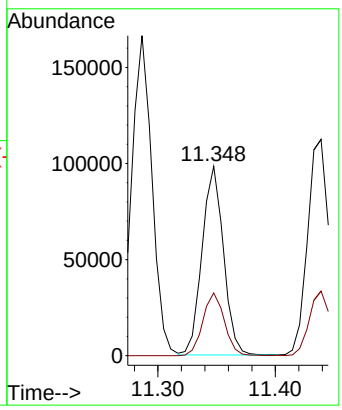


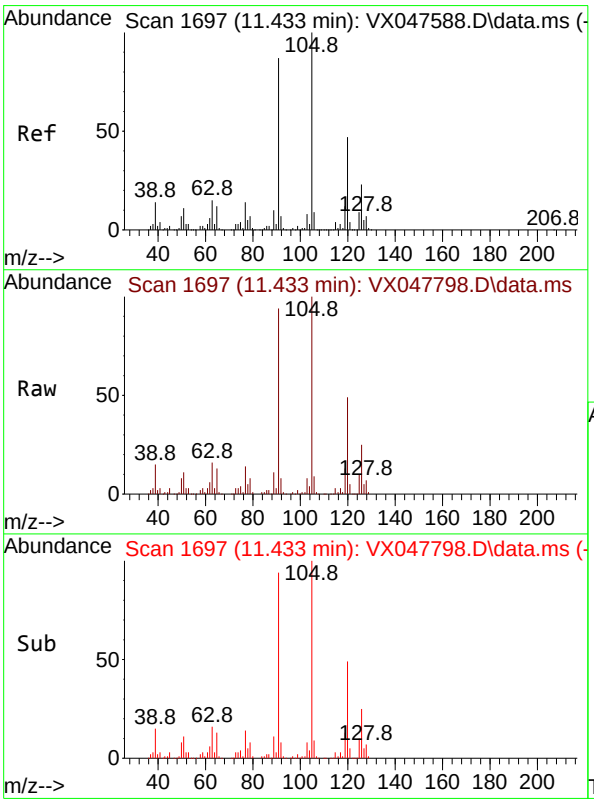
#79
2-Chlorotoluene
Concen: 17.163 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 91 Resp: 124253

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.1	48.3

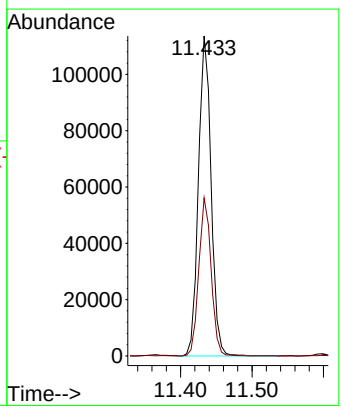


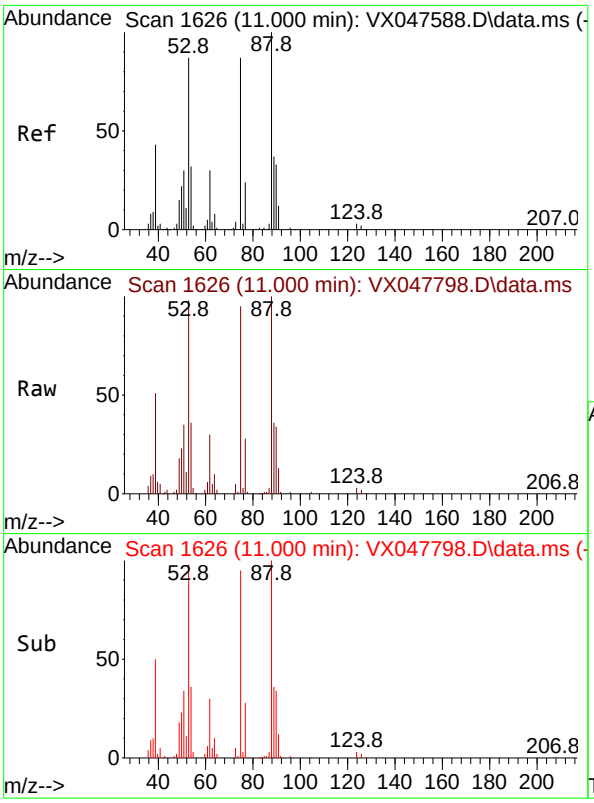


#80
1,3,5-Trimethylbenzene
Concen: 16.963 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:105 Resp: 139354

Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.6	70.8



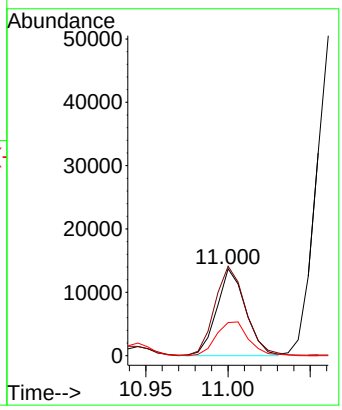


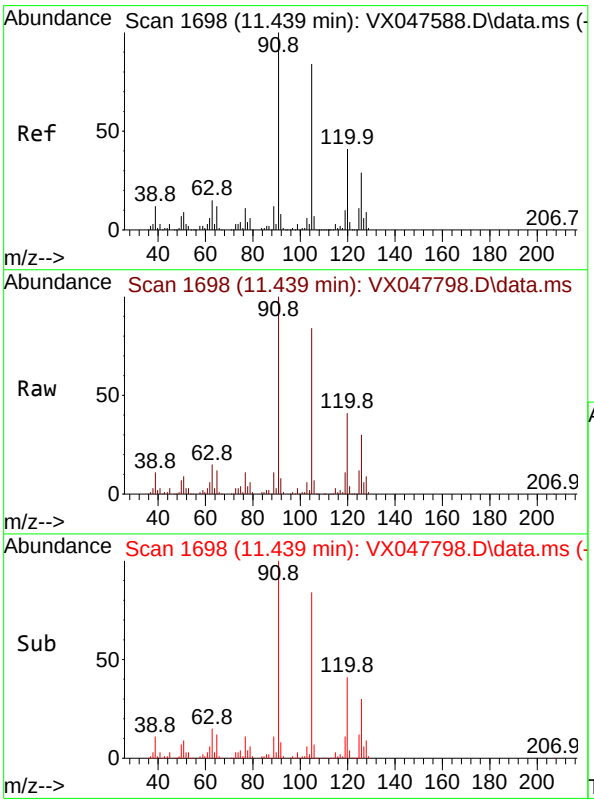
#81
trans-1,4-Dichloro-2-butene
Concen: 16.095 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 75 Resp: 16807

Ion	Ratio	Lower	Upper
75	100		
53	110.2	83.4	125.2
89	43.5	36.3	54.5

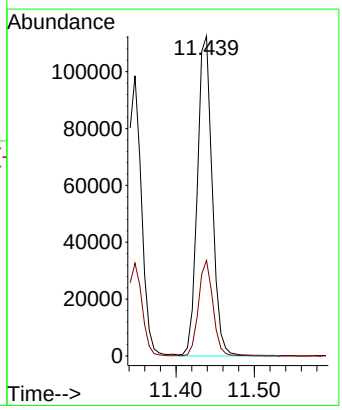


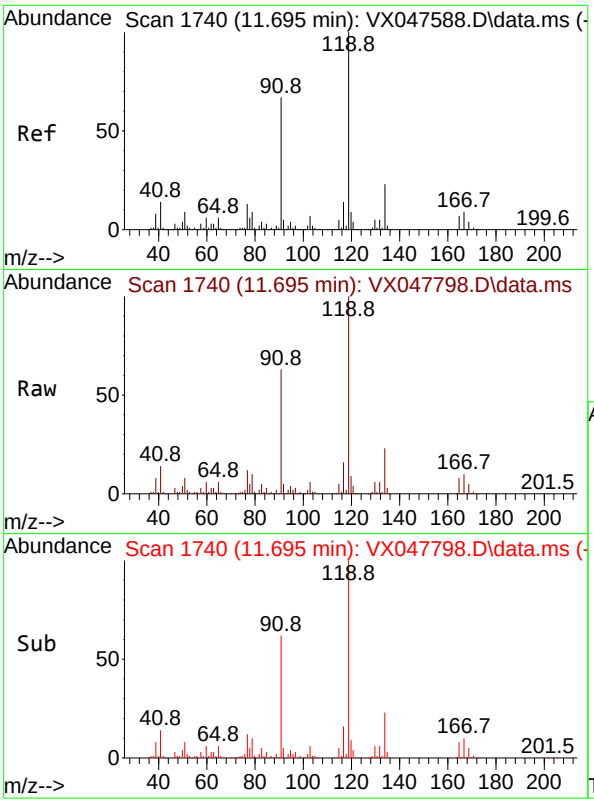


#82
4-Chlorotoluene
Concen: 17.346 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 91 Resp: 148311

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.2	42.6



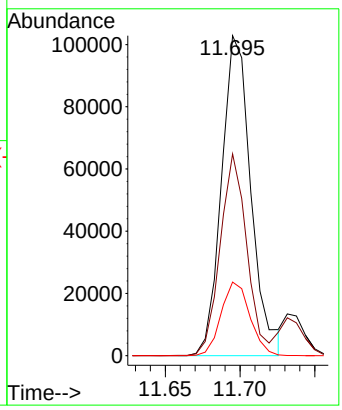


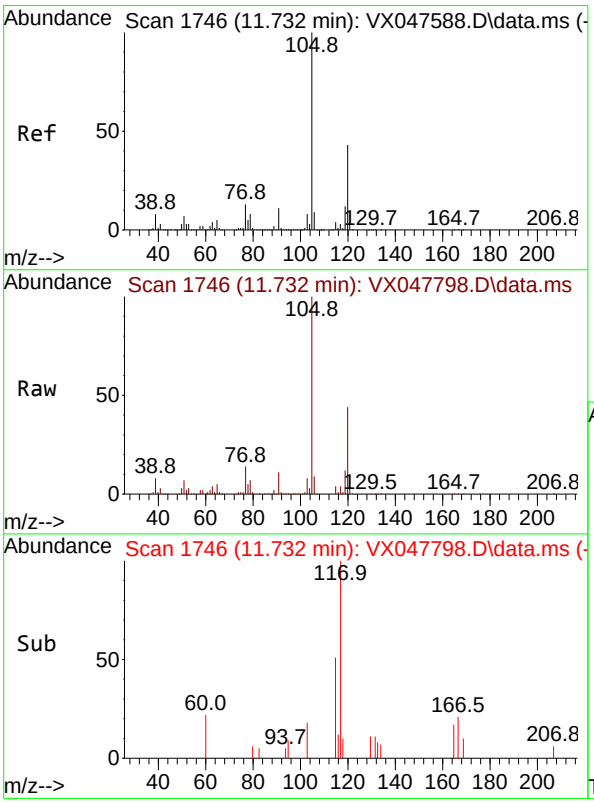
#83
tert-Butylbenzene
Concen: 16.747 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:119 Resp: 140839

Ion	Ratio	Lower	Upper
119	100		
91	57.0	29.6	88.8
134	22.6	11.0	33.0

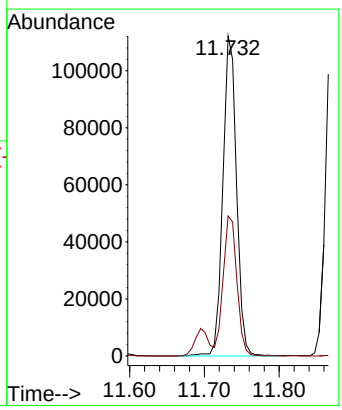


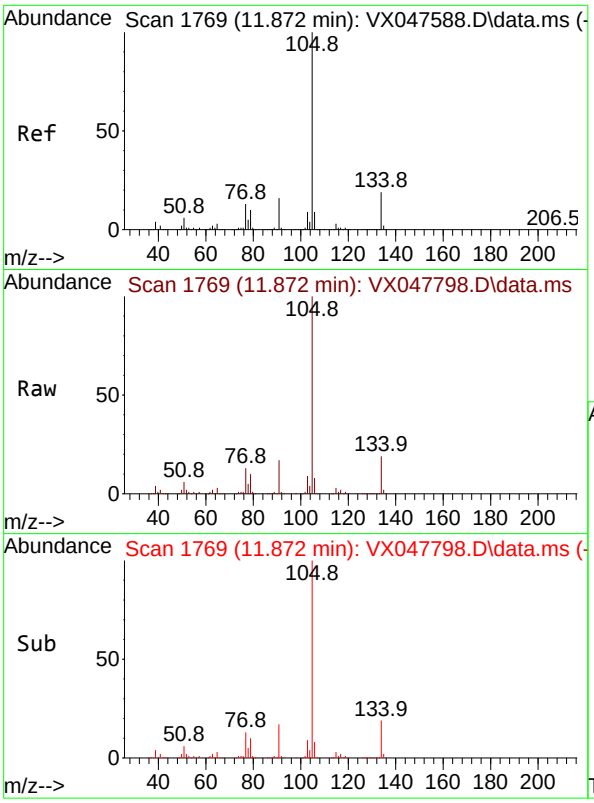


#84
1,2,4-Trimethylbenzene
Concen: 17.128 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:105 Resp: 142656

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.1



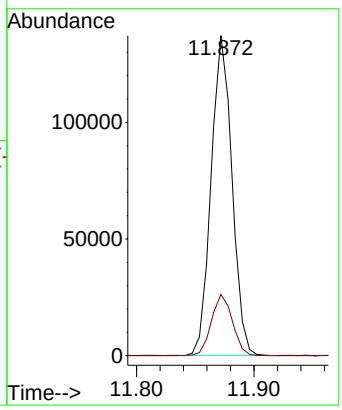


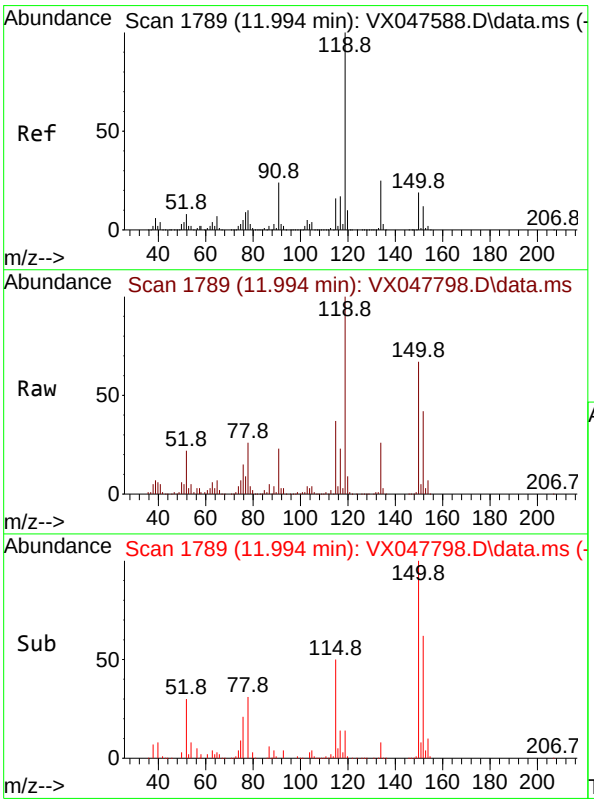
#85
sec-Butylbenzene
Concen: 16.912 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:105 Resp: 168936

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

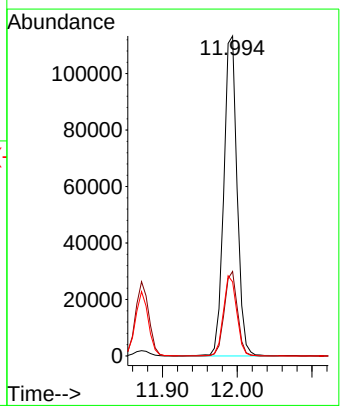


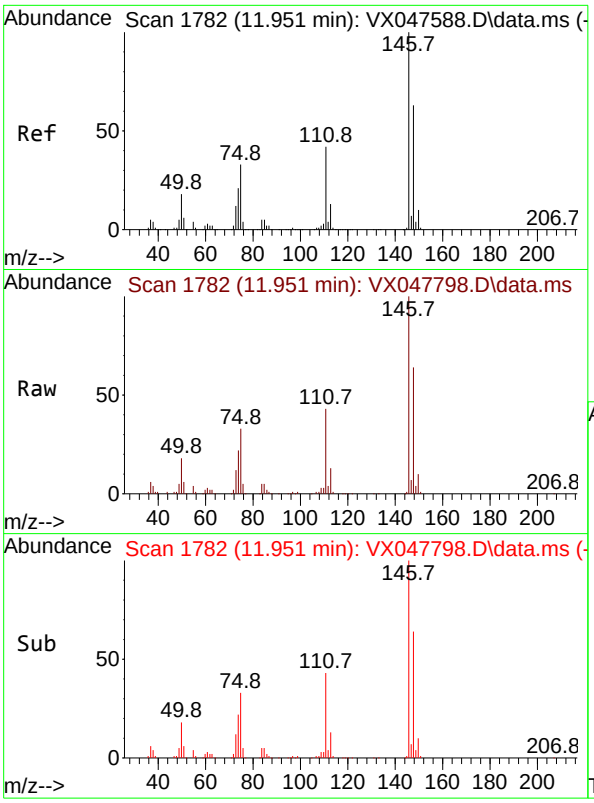


#86
p-Isopropyltoluene
Concen: 16.635 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:119 Resp: 140679

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.8
91	25.2	12.6	37.6



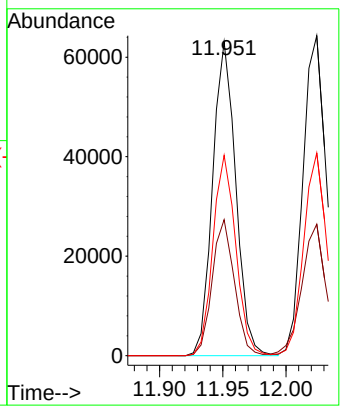


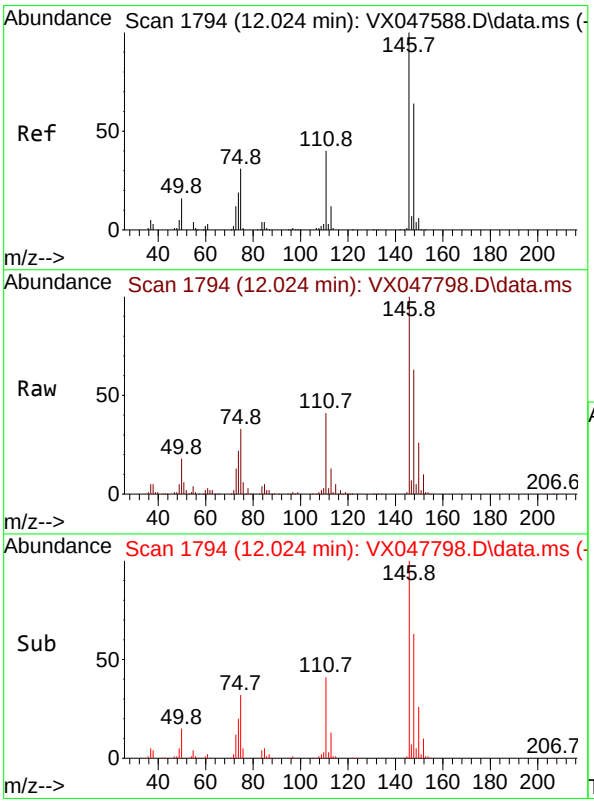
#87
1,3-Dichlorobenzene
Concen: 17.485 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:146 Resp: 79979

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.5	64.5
148	63.4	32.0	96.0

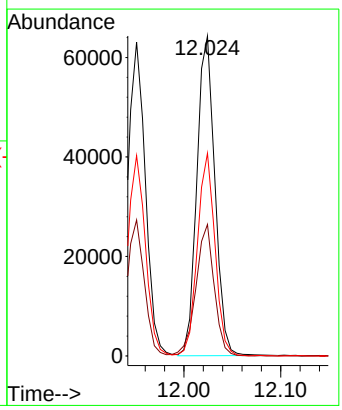


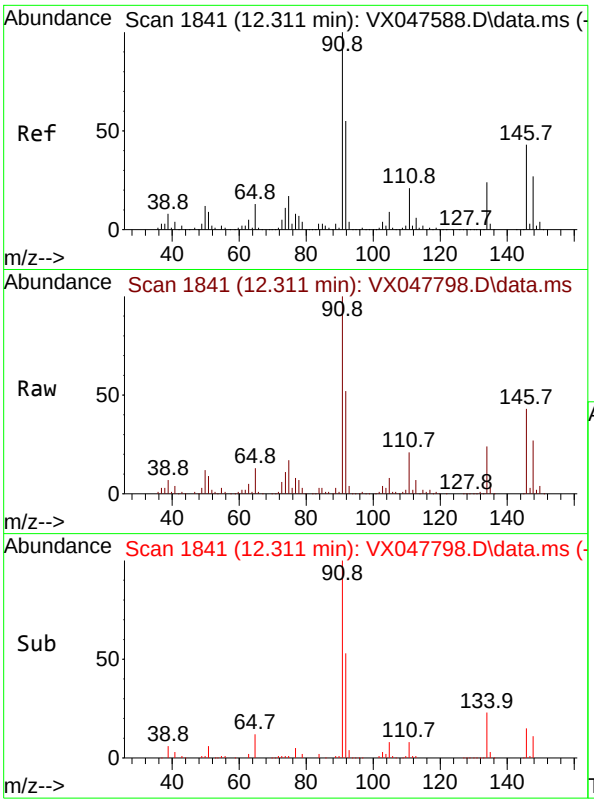


#88
1,4-Dichlorobenzene
Concen: 17.757 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:146 Resp: 83367

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.4
148	62.0	31.7	95.1



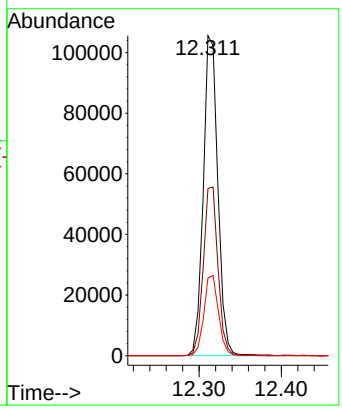


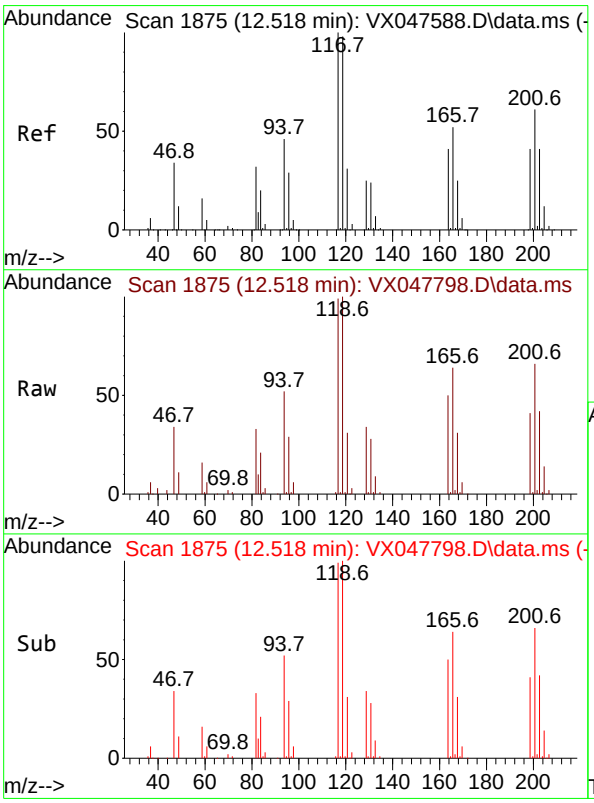
#89
n-Butylbenzene
Concen: 16.604 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion: 91 Resp: 129927

Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.6	82.7
134	25.1	12.6	37.8

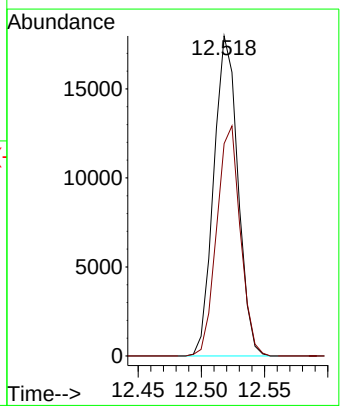


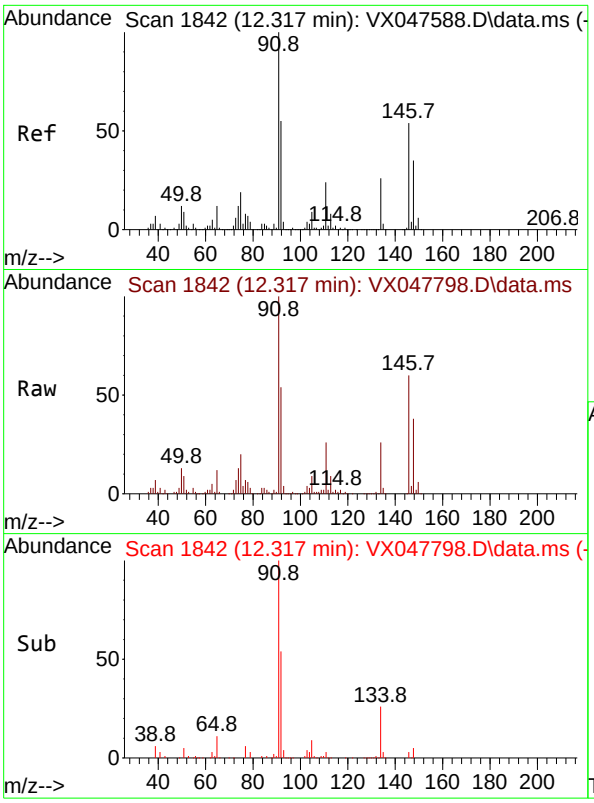


#90
Hexachloroethane
Concen: 16.057 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:117 Resp: 23841

Ion	Ratio	Lower	Upper
117	100		
201	70.4	34.2	102.5



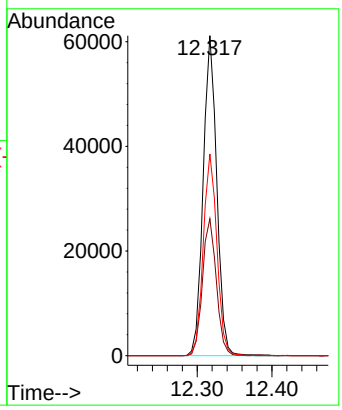


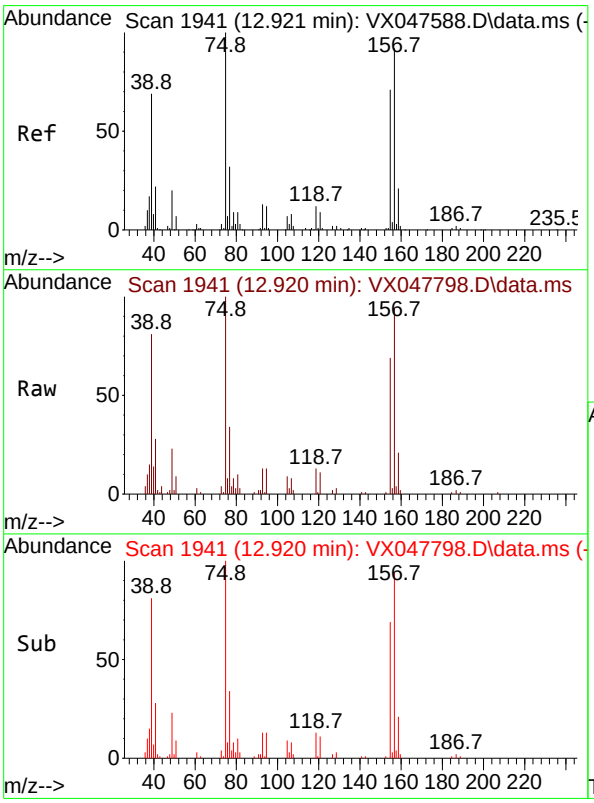
#91
1,2-Dichlorobenzene
Concen: 17.765 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:146 Resp: 77419

Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.2	66.6
148	63.0	31.8	95.4

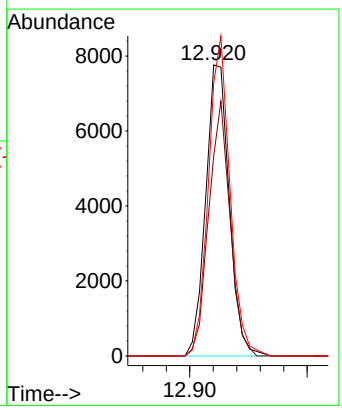


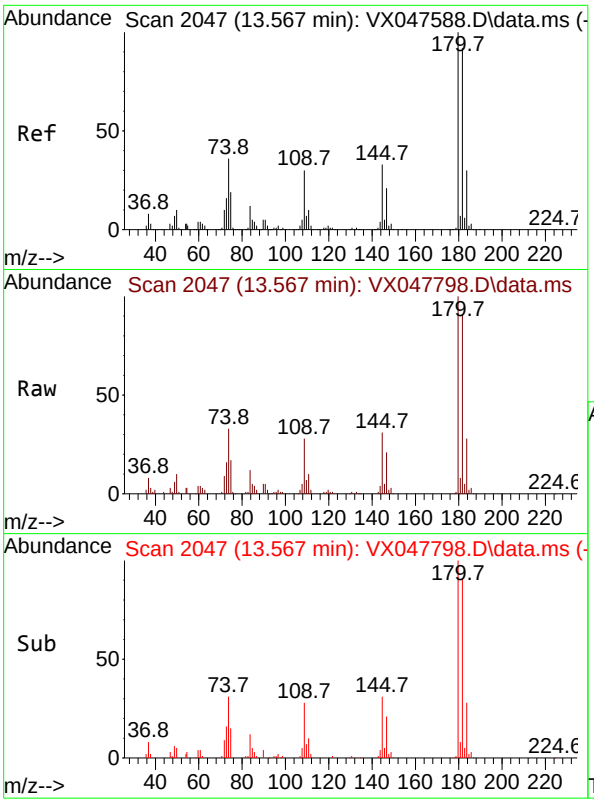


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.625 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion: 75 Resp: 10795

Ion	Ratio	Lower	Upper
75	100		
155	79.3	37.7	113.1
157	100.3	49.8	149.4



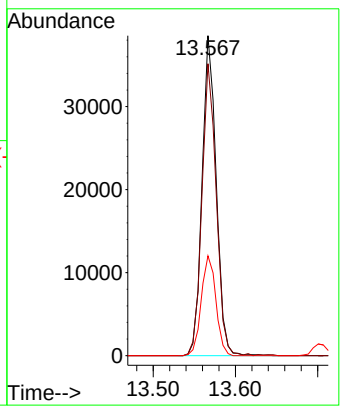


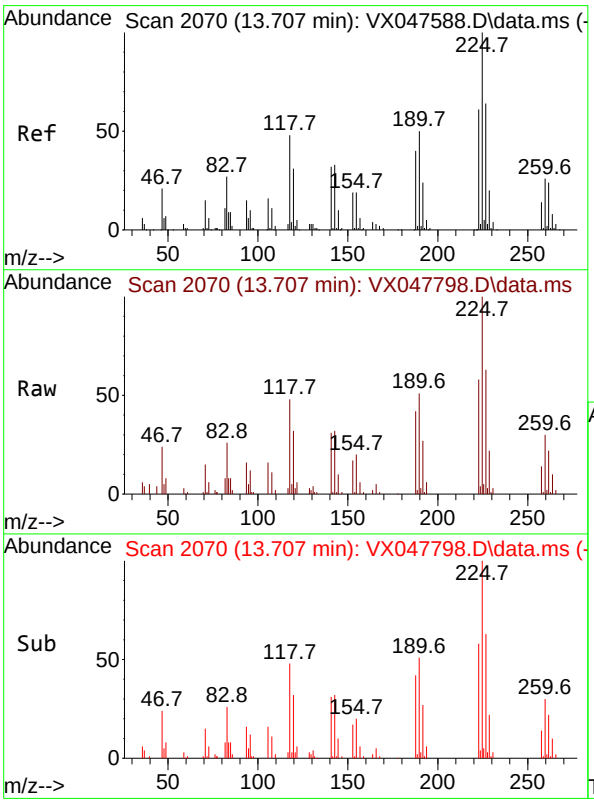
#93
1,2,4-Trichlorobenzene
Concen: 16.239 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:180 Resp: 45993

Ion	Ratio	Lower	Upper
180	100		
182	92.4	46.6	139.8
145	32.2	16.4	49.1

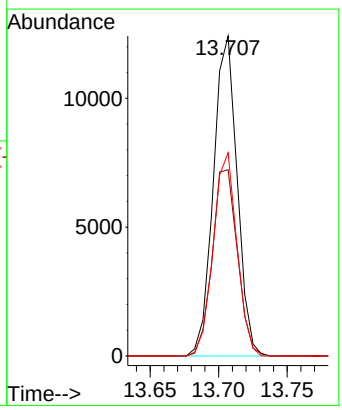


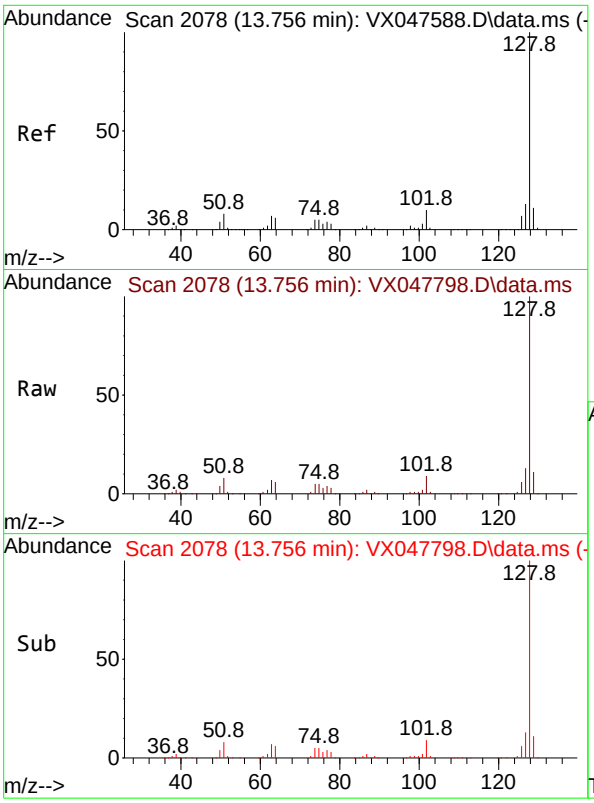


#94
Hexachlorobutadiene
Concen: 15.538 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:225 Resp: 14948

Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.7	95.1
227	63.3	32.0	96.0



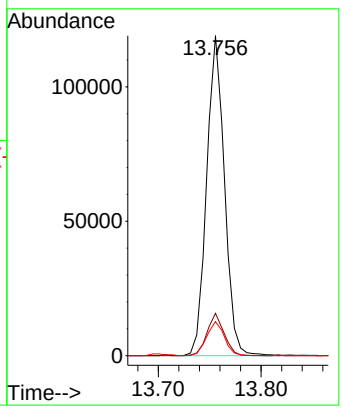


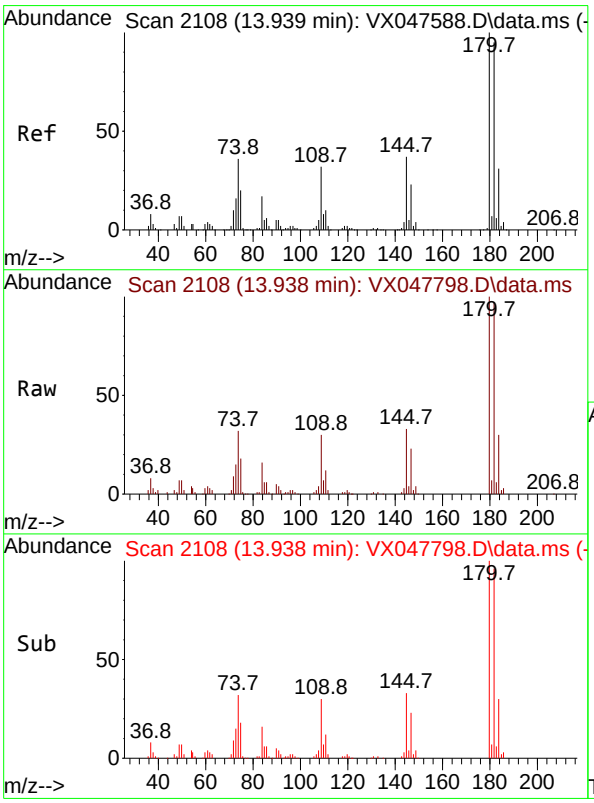
#95
Naphthalene
Concen: 16.649 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tgt Ion:128 Resp: 143587

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.7	8.8	13.2

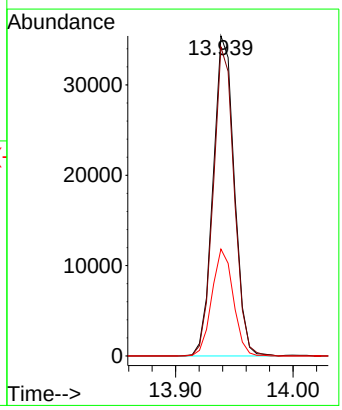




#96
1,2,3-Trichlorobenzene
Concen: 16.884 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047798.D
Acq: 25 Sep 2025 10:13

Tgt Ion:180 Resp: 44483

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	33.6	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	138162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	250600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	227187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106288	48.331	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.660%			
35) Dibromofluoromethane	5.373	113	84043	50.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.020%			
50) Toluene-d8	8.635	98	286276	49.227	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.460%			
62) 4-Bromofluorobenzene	11.061	95	107976	48.923	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	78791	55.072	ug/l	97
3) Chloromethane	1.301	50	97505	51.856	ug/l	98
4) Vinyl Chloride	1.380	62	98804	53.680	ug/l	100
5) Bromomethane	1.618	94	65791	56.368	ug/l	95
6) Chloroethane	1.697	64	64638	52.542	ug/l	99
7) Trichlorofluoromethane	1.898	101	139775	51.144	ug/l	100
8) Diethyl Ether	2.136	74	58834	52.626	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	80435	50.334	ug/l	100
10) Methyl Iodide	2.459	142	123956	49.736	ug/l	99
11) Tert butyl alcohol	2.947	59	60006	244.991	ug/l	99
12) 1,1-Dichloroethene	2.325	96	84395	51.413	ug/l	96
13) Acrolein	2.239	56	52407	232.189	ug/l	100
14) Allyl chloride	2.666	41	162575	47.995	ug/l	96
15) Acrylonitrile	3.062	53	263719	290.682	ug/l	98
16) Acetone	2.374	43	203713	213.041	ug/l	97
17) Carbon Disulfide	2.520	76	230212	51.229	ug/l	98
18) Methyl Acetate	2.703	43	123868	58.207	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	313200	52.268	ug/l	98
20) Methylene Chloride	2.788	84	105012	51.882	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	92382	52.273	ug/l	97
22) Diisopropyl ether	3.751	45	345715	52.663	ug/l #	82
23) Vinyl Acetate	3.715	43	1417612	269.815	ug/l	100
24) 1,1-Dichloroethane	3.605	63	181568	52.037	ug/l	98
25) 2-Butanone	4.544	43	315750	264.723	ug/l	99
26) 2,2-Dichloropropane	4.471	77	106096	36.580	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	113745	52.554	ug/l	96
28) Bromochloromethane	4.891	49	83565	54.859	ug/l	98
29) Tetrahydrofuran	4.995	42	205239	286.033	ug/l	99
30) Chloroform	5.086	83	187196	53.091	ug/l	99
31) Cyclohexane	5.464	56	140528	48.357	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	153431	51.302	ug/l	99
36) 1,1-Dichloropropene	5.684	75	116951	47.622	ug/l	97
37) Ethyl Acetate	4.702	43	135472	51.520	ug/l	99
38) Carbon Tetrachloride	5.666	117	130043	48.736	ug/l	96
39) Methylcyclohexane	7.367	83	132095	47.385	ug/l	97
40) Benzene	6.025	78	385239	51.647	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	73804	54.368	ug/l		98
42) 1,2-Dichloroethane	6.074	62	141902	50.000	ug/l		98
43) Isopropyl Acetate	6.324	43	226994	52.636	ug/l		99
44) Trichloroethene	7.110	130	92646	51.375	ug/l		99
45) 1,2-Dichloropropane	7.415	63	100953	52.856	ug/l		99
46) Dibromomethane	7.568	93	73360	52.781	ug/l		97
47) Bromodichloromethane	7.805	83	149506	52.127	ug/l		97
48) Methyl methacrylate	7.677	41	114802	53.443	ug/l		98
49) 1,4-Dioxane	7.647	88	28611	1317.923	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	677366	283.290	ug/l		100
52) Toluene	8.702	92	239352	52.084	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	143852	49.172	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	157052	50.226	ug/l		97
55) 1,1,2-Trichloroethane	9.135	97	96381	54.391	ug/l		98
56) Ethyl methacrylate	9.104	69	151863	54.571	ug/l		97
57) 1,3-Dichloropropane	9.293	76	166293	54.630	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.226	63	365599	273.260	ug/l		99
59) 2-Hexanone	9.415	43	472466	275.126	ug/l		99
60) Dibromochloromethane	9.506	129	111334	54.529	ug/l		100
61) 1,2-Dibromoethane	9.592	107	100762	55.828	ug/l		99
64) Tetrachloroethene	9.256	164	74213	50.109	ug/l		97
65) Chlorobenzene	10.061	112	264716	51.289	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	92643	52.017	ug/l		99
67) Ethyl Benzene	10.177	91	454152	50.998	ug/l		100
68) m/p-Xylenes	10.287	106	339855	102.531	ug/l		97
69) o-Xylene	10.622	106	166533	51.944	ug/l		97
70) Styrene	10.640	104	290866	51.778	ug/l		98
71) Bromoform	10.781	173	72491	54.510	ug/l	#	97
73) Isopropylbenzene	10.945	105	418008	49.442	ug/l		99
74) N-amyl acetate	10.829	43	199899	51.849	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	137858	53.895	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	146642	65.129	ug/l		89
77) Bromobenzene	11.183	156	105313	50.576	ug/l		98
78) n-propylbenzene	11.287	91	496726	49.701	ug/l		99
79) 2-Chlorotoluene	11.348	91	301415	49.240	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	345119	49.685	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	38514	43.621	ug/l		98
82) 4-Chlorotoluene	11.439	91	356913	49.368	ug/l		99
83) tert-Butylbenzene	11.695	119	346541	48.736	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	350492	49.770	ug/l		99
85) sec-Butylbenzene	11.872	105	416534	49.318	ug/l		100
86) p-Isopropyltoluene	11.988	119	349248	48.843	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	192298	49.719	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	195390	49.222	ug/l		99
89) n-Butylbenzene	12.311	91	317918	48.051	ug/l		99
90) Hexachloroethane	12.518	117	62532	49.811	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	188283	51.098	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26392	50.962	ug/l		94
93) 1,2,4-Trichlorobenzene	13.567	180	116183	48.516	ug/l		98
94) Hexachlorobutadiene	13.707	225	38133	46.880	ug/l		99
95) Naphthalene	13.756	128	379925	52.100	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	113155	50.796	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

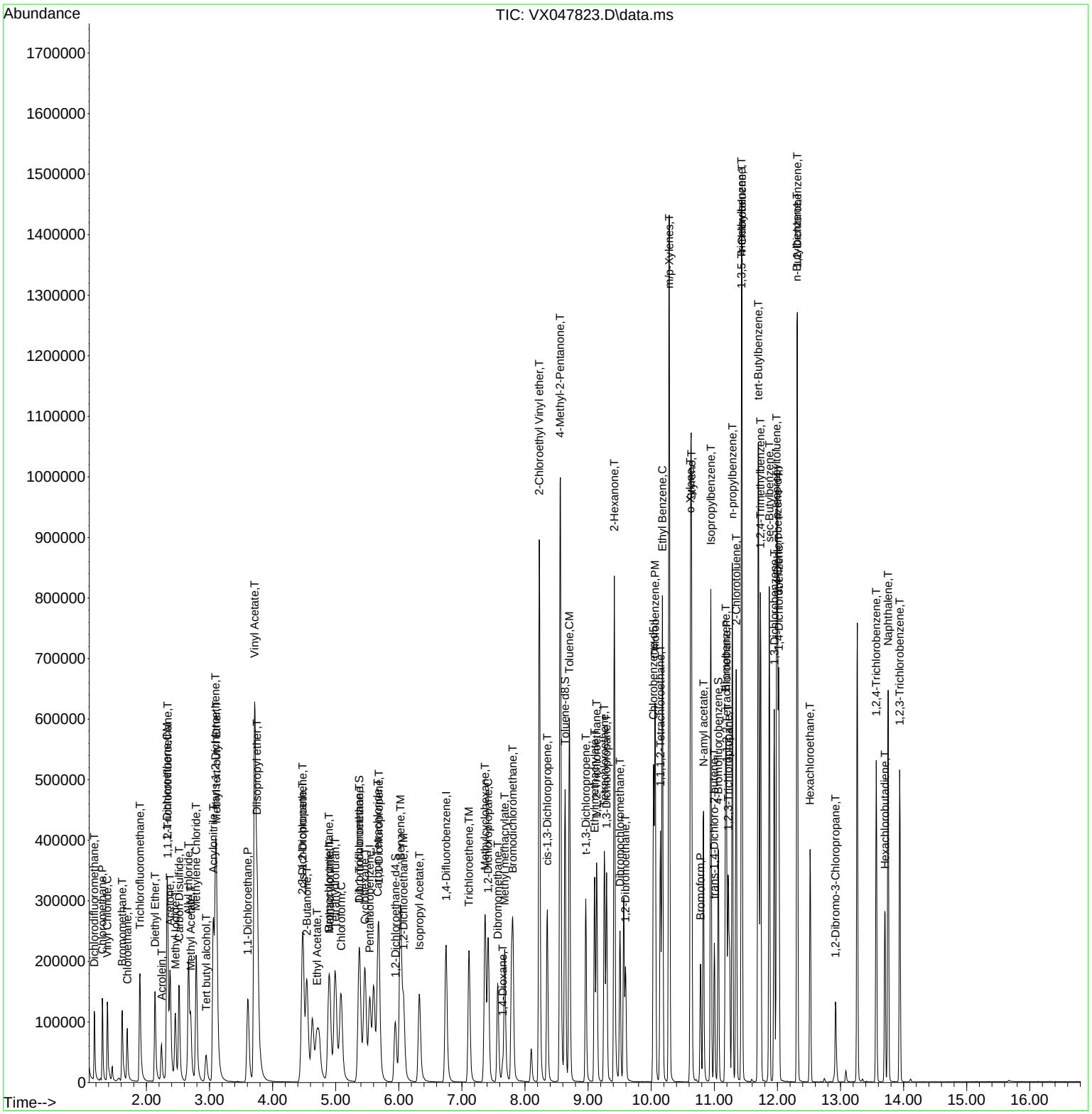
(#) = qualifier out of range (m) = manual integration (+) = signals summed

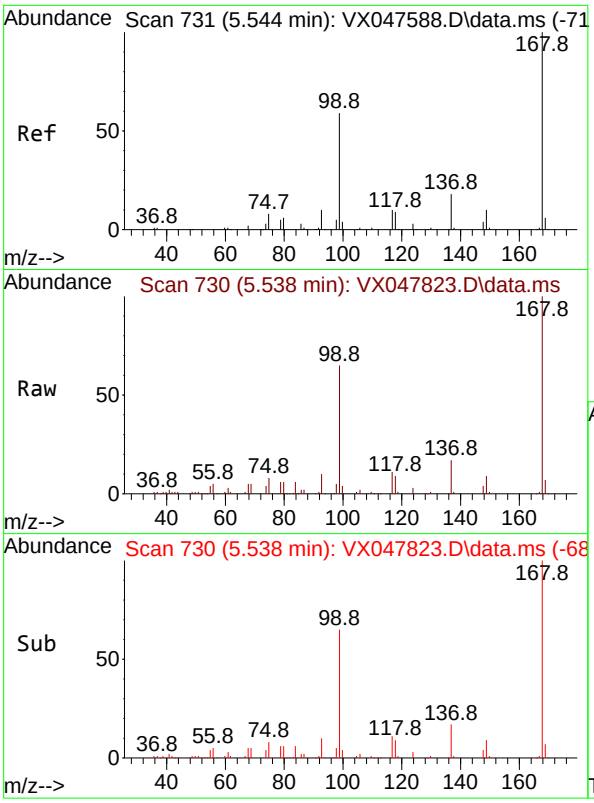
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047823.D
Acq On : 25 Sep 2025 19:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 26 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



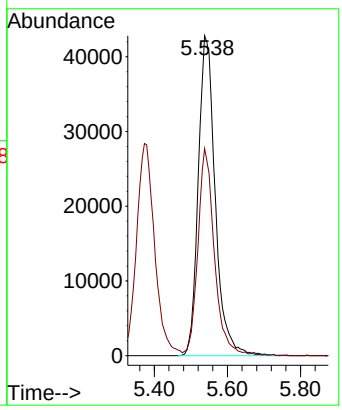


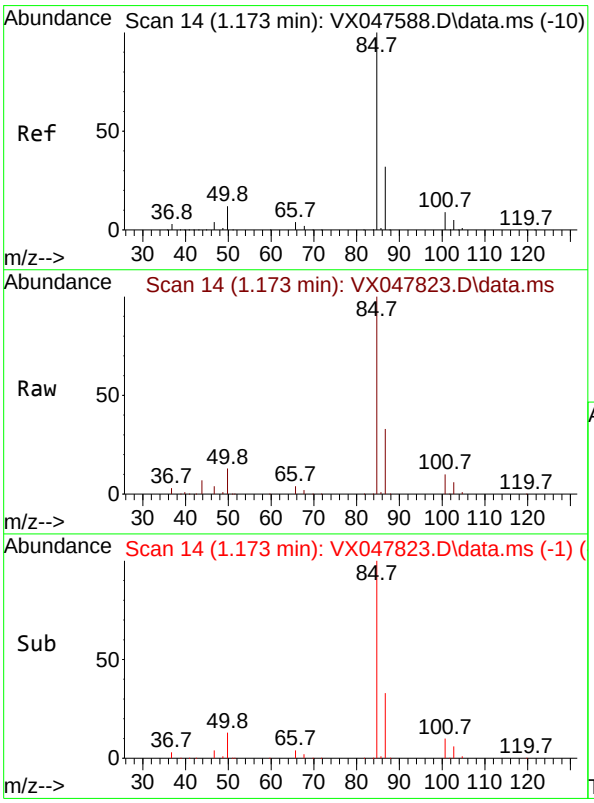
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 138162

Ion	Ratio	Lower	Upper
168	100		
99	64.5	48.8	73.2

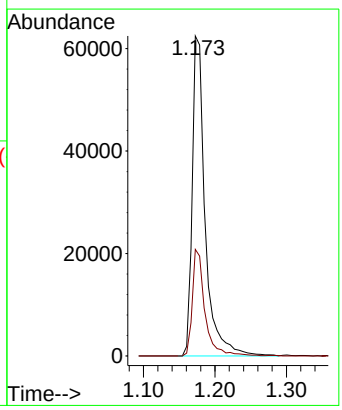


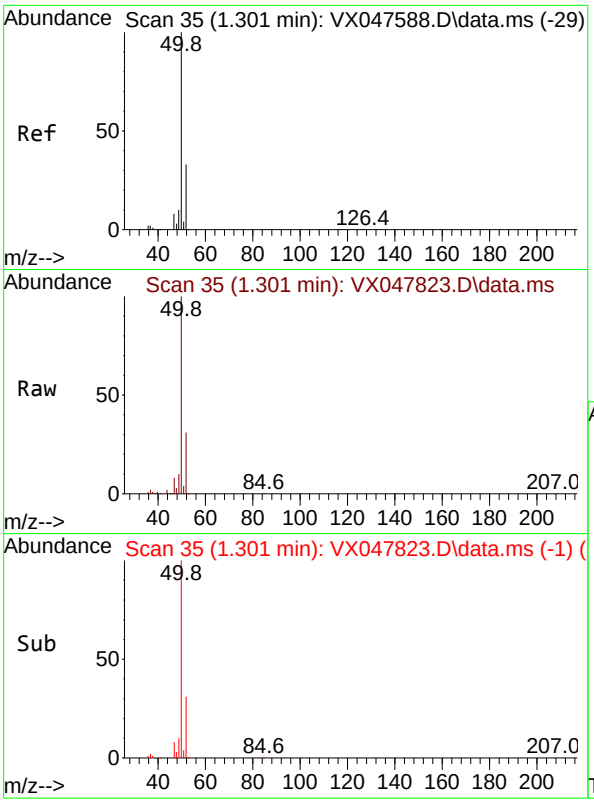


#2
Dichlorodifluoromethane
Concen: 55.072 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 85 Resp: 78791

Ion	Ratio	Lower	Upper
85	100		
87	33.3	15.8	47.3



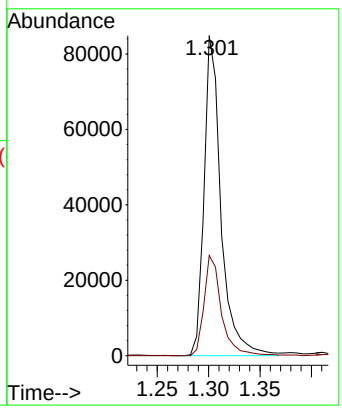


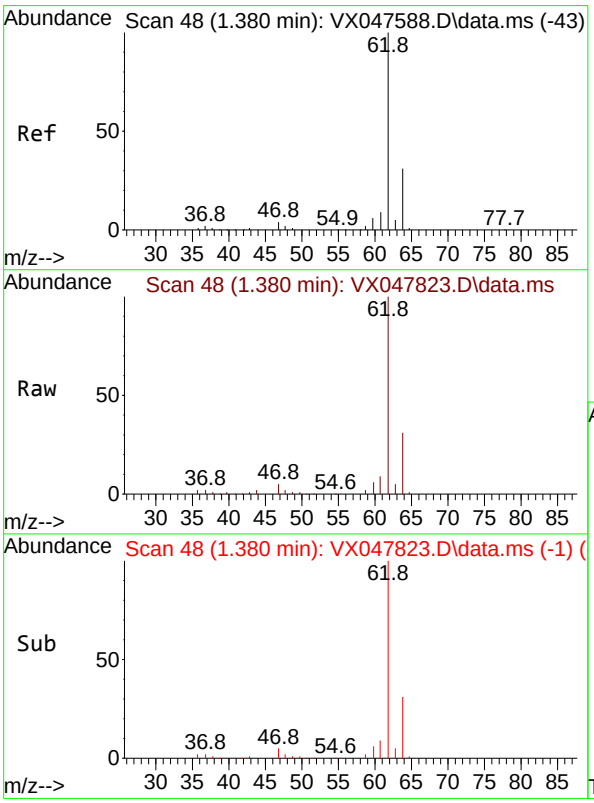
#3
Chloromethane
Concen: 51.856 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 97505

Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.1	39.1

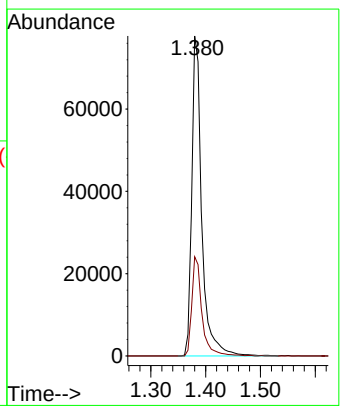


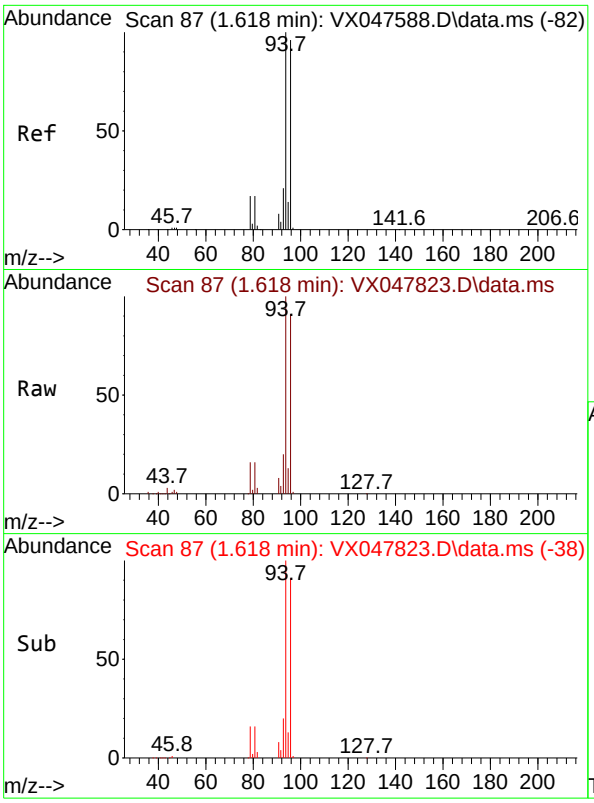


#4
Vinyl Chloride
Concen: 53.680 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 62 Resp: 98804

Ion	Ratio	Lower	Upper
62	100		
64	31.0	24.9	37.3



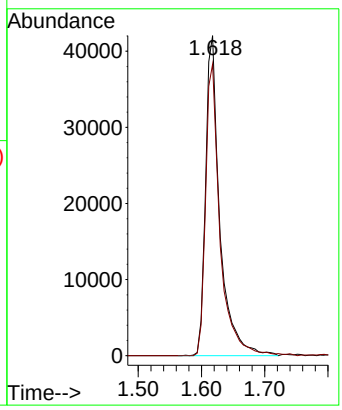


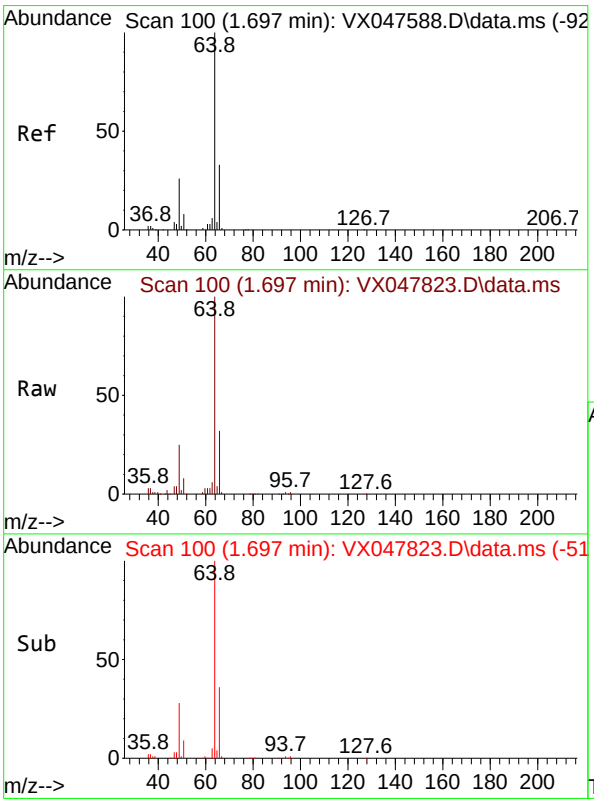
#5
Bromomethane
Concen: 56.368 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 65791

Ion	Ratio	Lower	Upper
94	100		
96	91.1	76.6	115.0

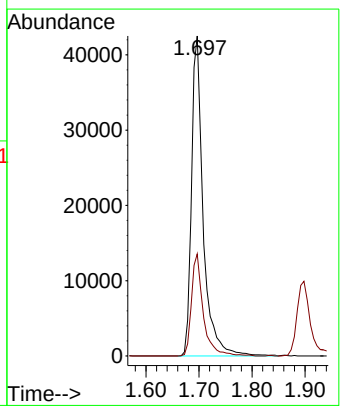


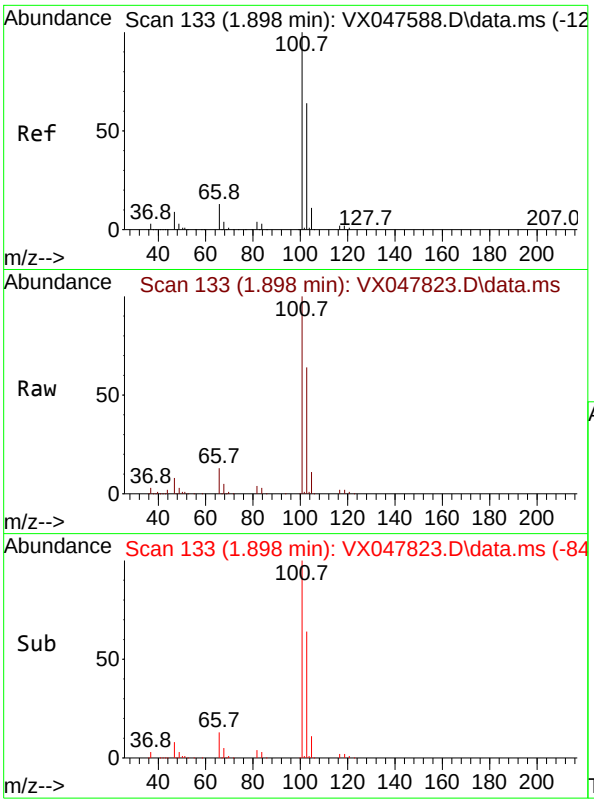


#6
Chloroethane
Concen: 52.542 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 64 Resp: 64638

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1



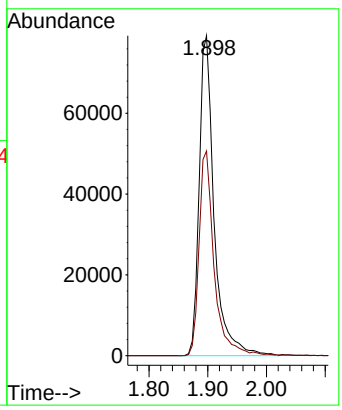


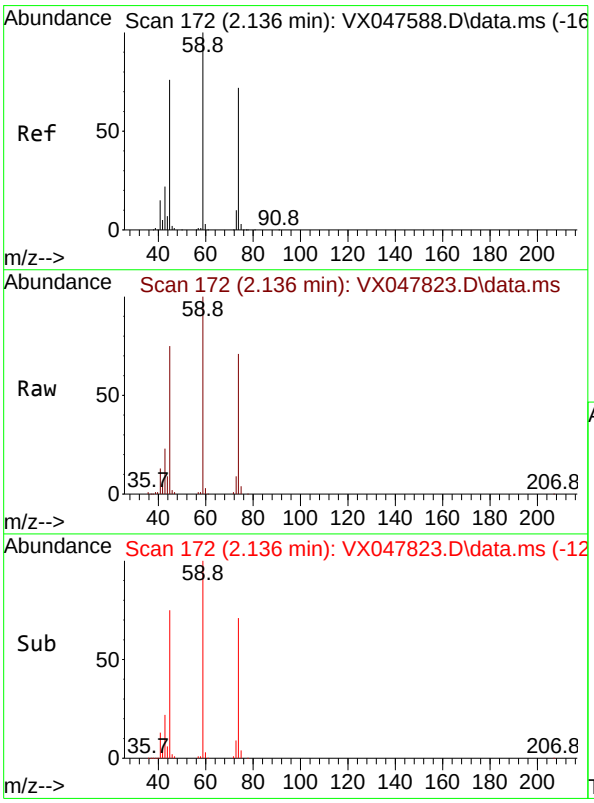
#7
Trichlorofluoromethane
Concen: 51.144 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 139775

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.4	77.2

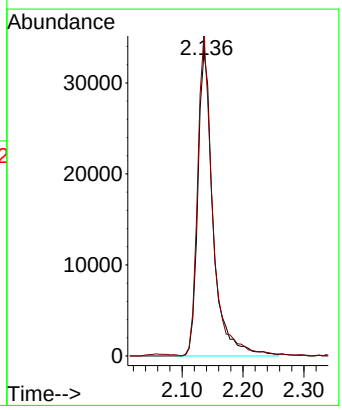


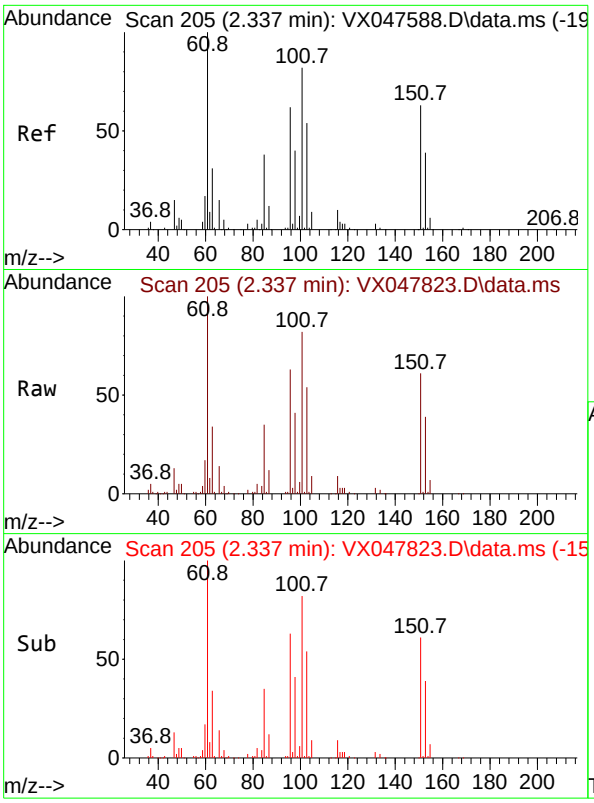


#8
Diethyl Ether
Concen: 52.626 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 74 Resp: 58834

Ion	Ratio	Lower	Upper
74	100		
45	103.6	52.3	156.8



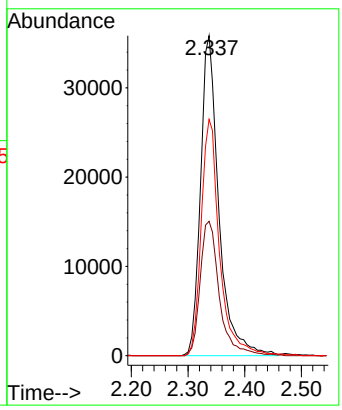


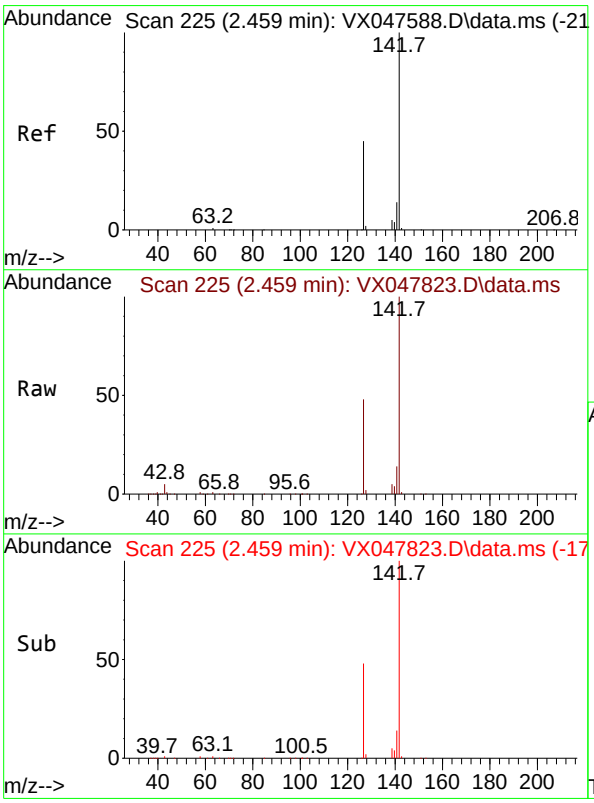
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.334 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 80435

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.5	53.3
151	74.0	59.4	89.0

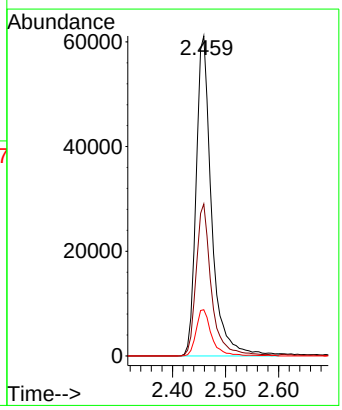


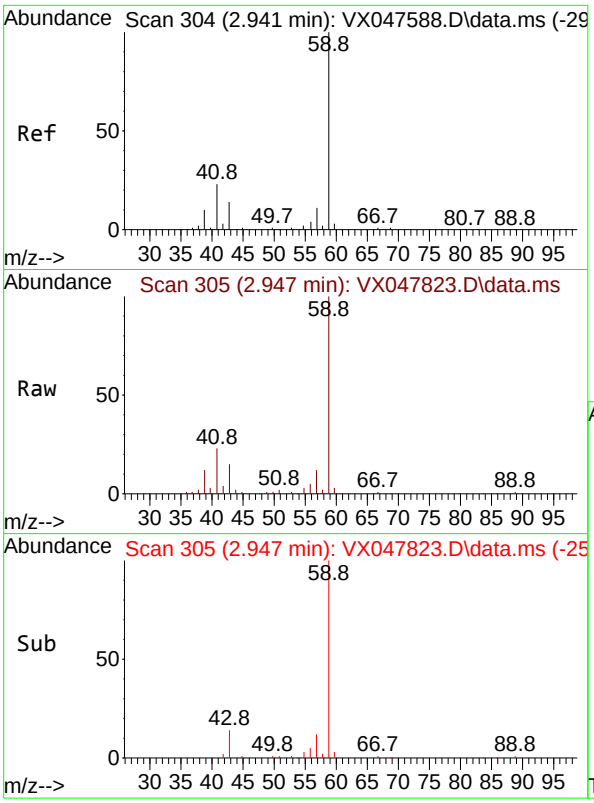


#10
Methyl Iodide
Concen: 49.736 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:142 Resp: 123956

Ion	Ratio	Lower	Upper
142	100		
127	47.2	37.2	55.8
141	14.6	11.4	17.0



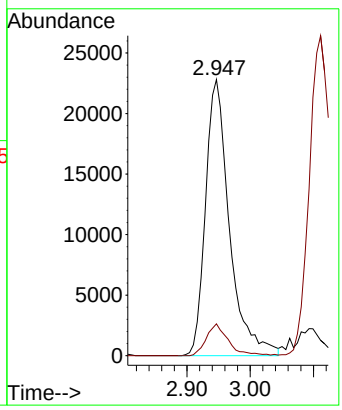


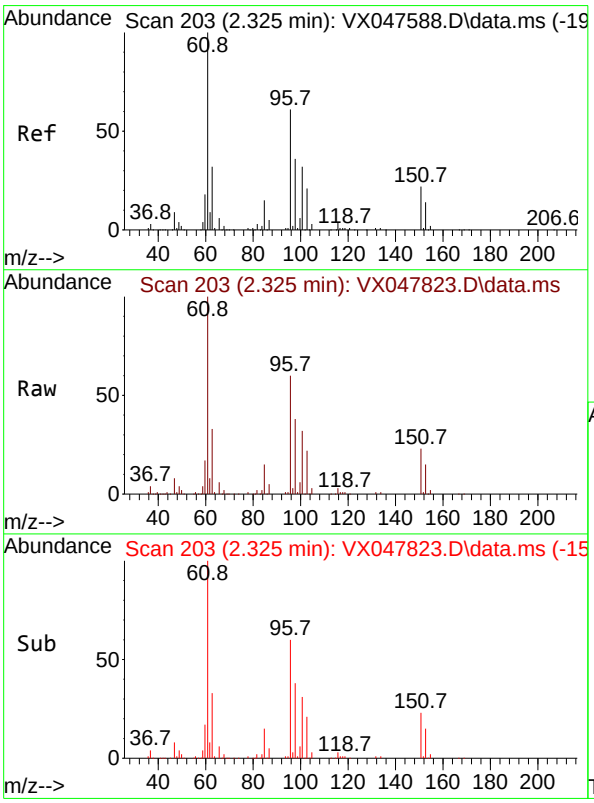
#11
Tert butyl alcohol
Concen: 244.991 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 60006

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

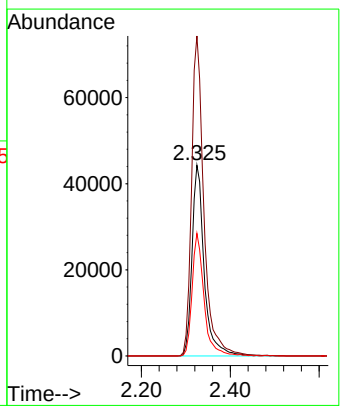


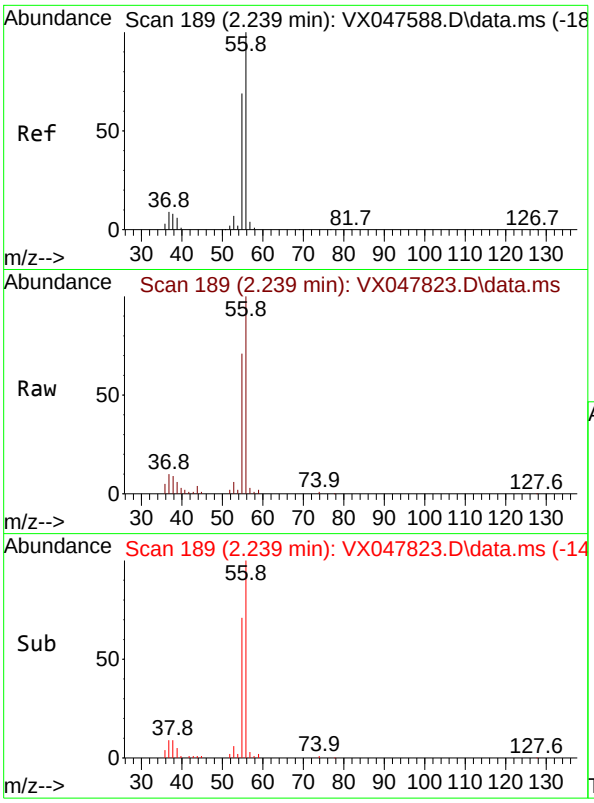


#12
1,1-Dichloroethene
Concen: 51.413 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 96 Resp: 84395

Ion	Ratio	Lower	Upper
96	100		
61	167.7	131.0	196.6
98	64.3	47.7	71.5



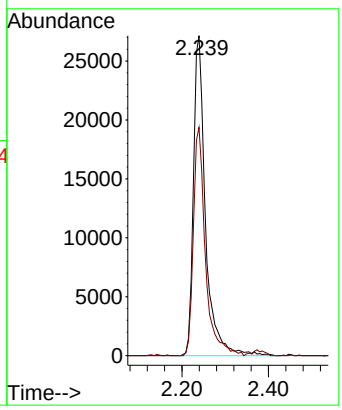


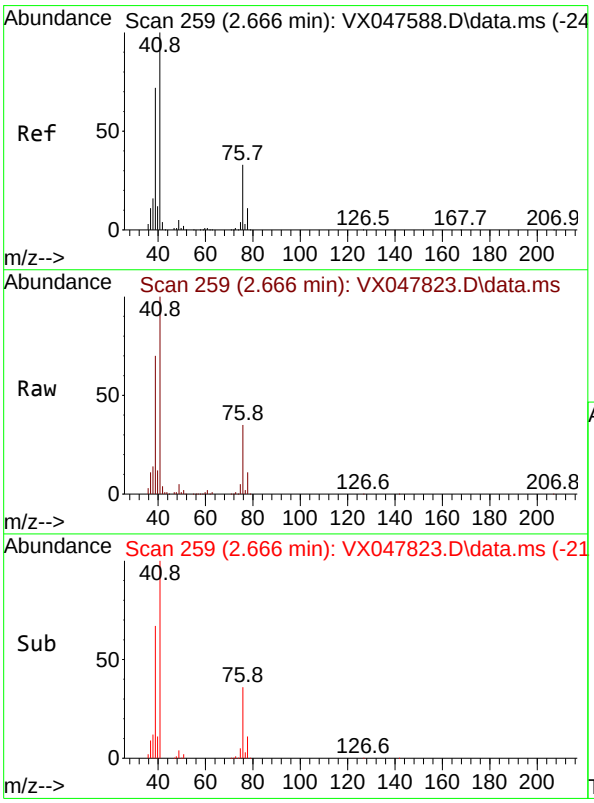
#13
Acrolein
Concen: 232.189 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 52407

Ion	Ratio	Lower	Upper
56	100		
55	71.2	57.2	85.8

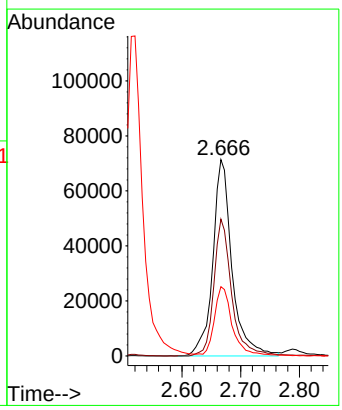


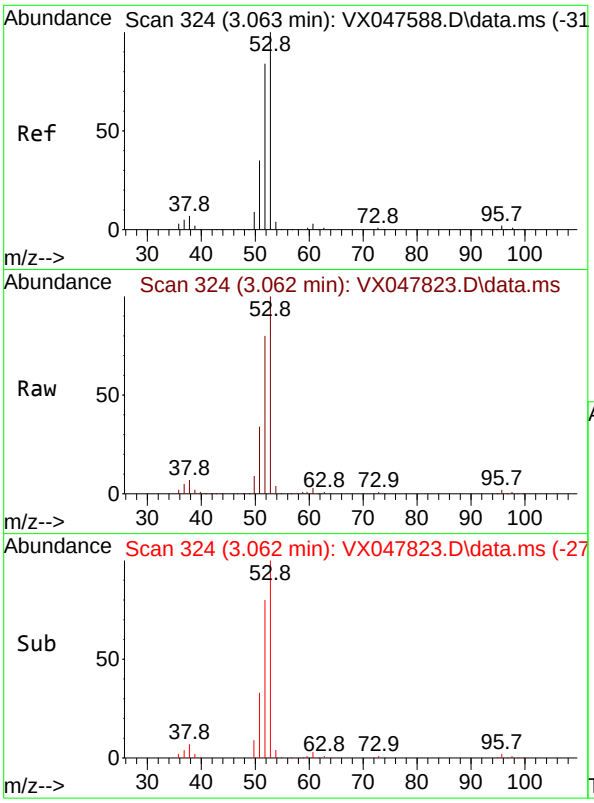


#14
Allyl chloride
Concen: 47.995 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 41 Resp: 162575

Ion	Ratio	Lower	Upper
41	100		
39	64.9	54.7	82.1
76	33.3	25.7	38.5



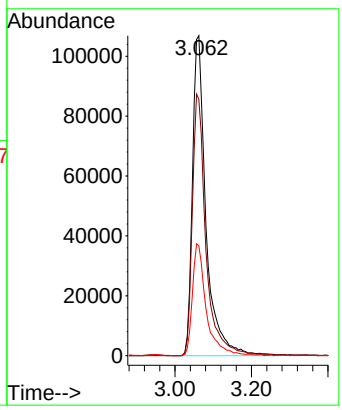


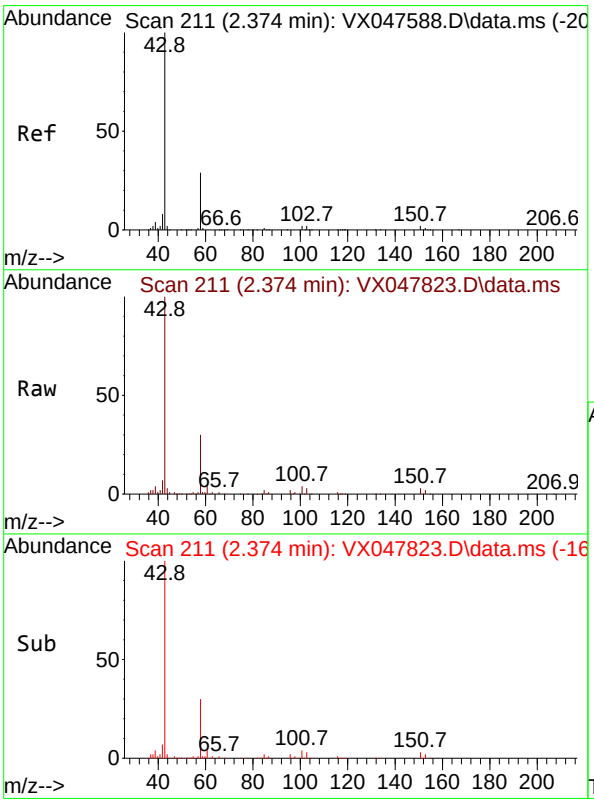
#15
Acrylonitrile
Concen: 290.682 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 263719

Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.4	99.6
51	35.7	29.5	44.3

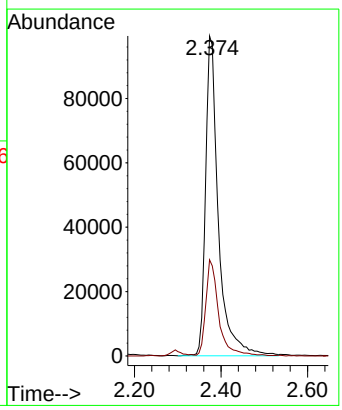


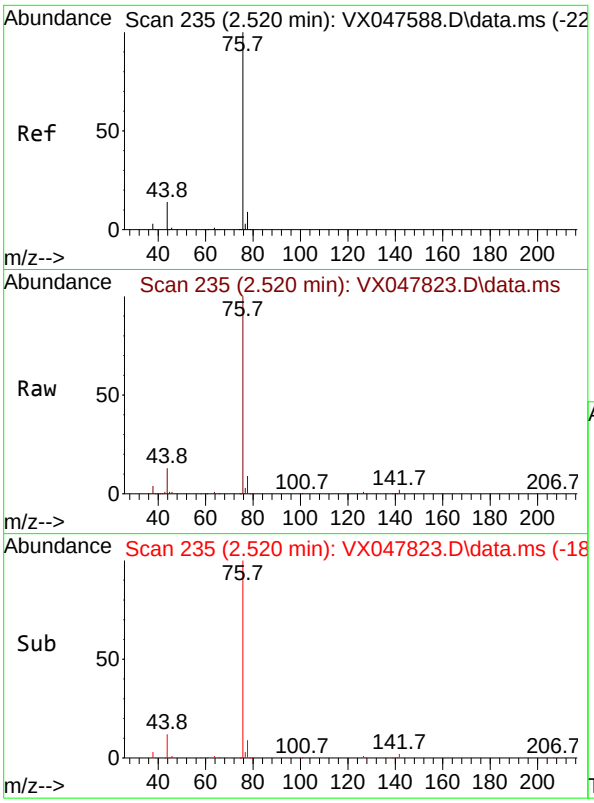


#16
Acetone
Concen: 213.041 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 203713

Ion	Ratio	Lower	Upper
43	100		
58	30.9	23.4	35.0



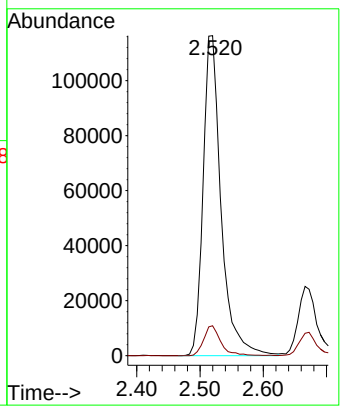


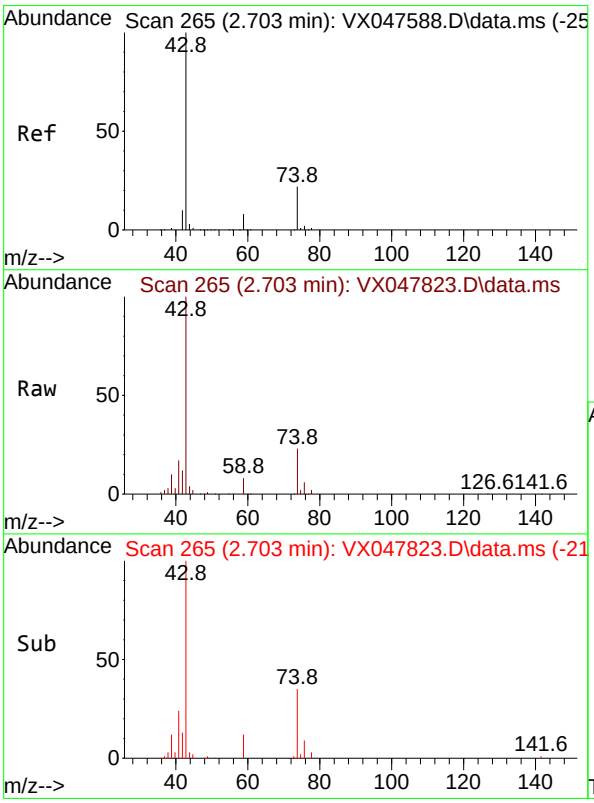
#17
Carbon Disulfide
Concen: 51.229 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 230212

Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.8	10.2

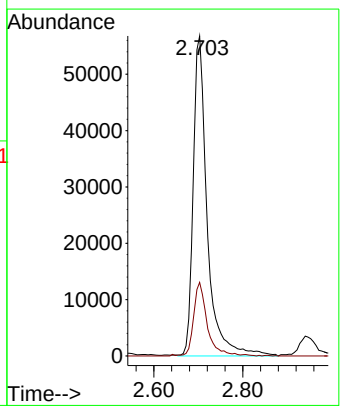


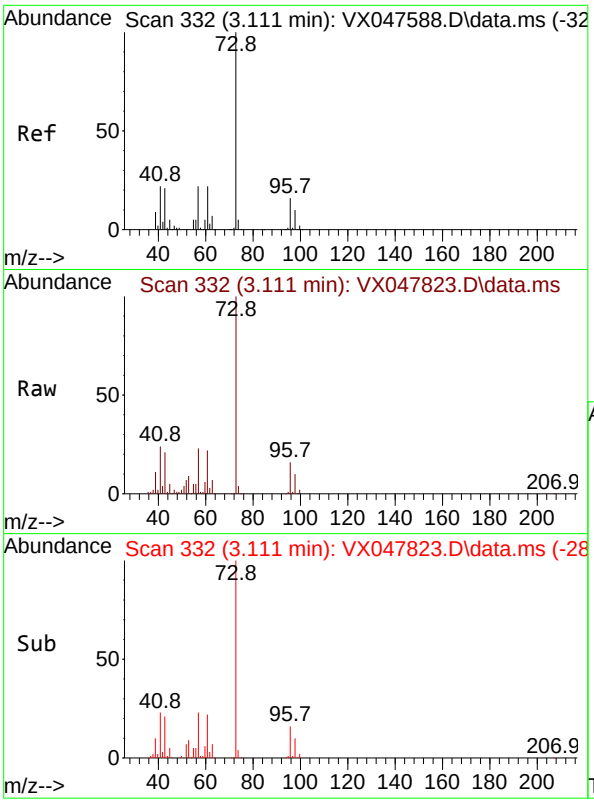


#18
Methyl Acetate
Concen: 58.207 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 123868

Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.4	26.2



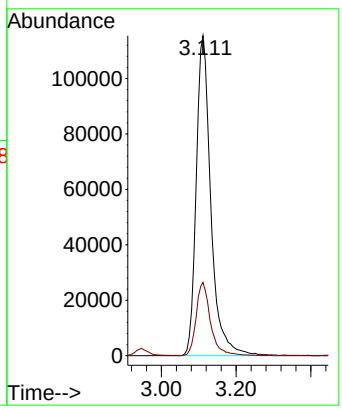


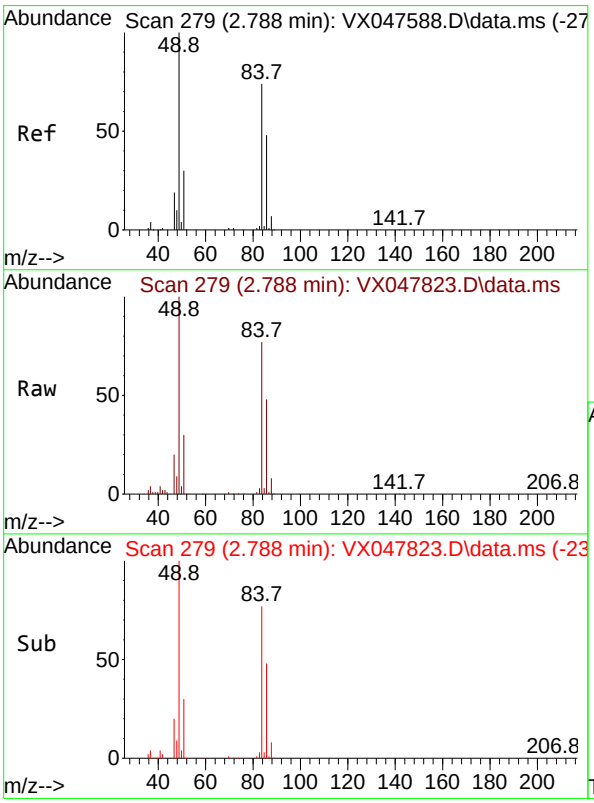
#19
Methyl tert-butyl Ether
Concen: 52.268 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 313200

Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.4	26.2

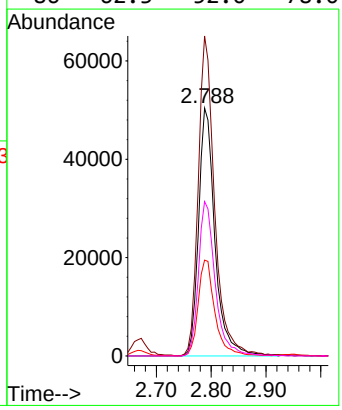


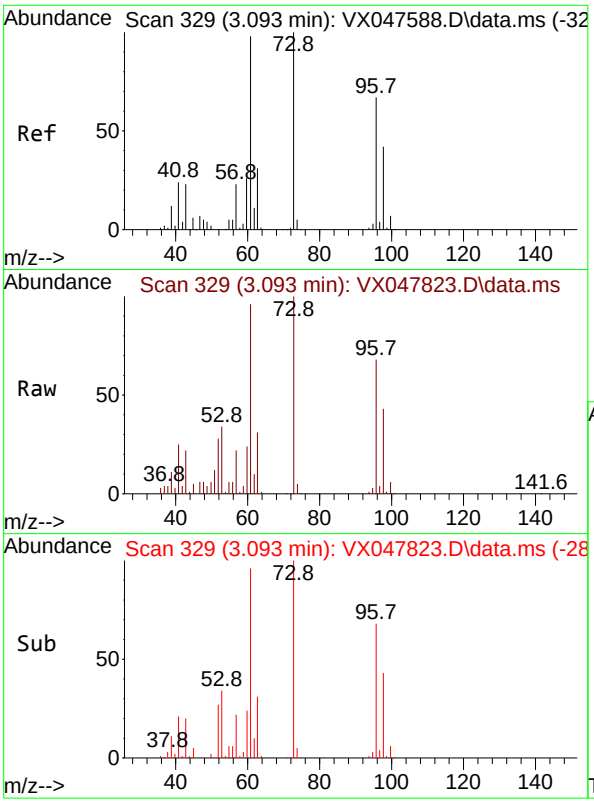


#20
Methylene Chloride
Concen: 51.882 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 84 Resp: 105012

Ion	Ratio	Lower	Upper
84	100		
49	128.9	108.6	162.8
51	38.7	32.6	48.8
86	62.3	52.0	78.0



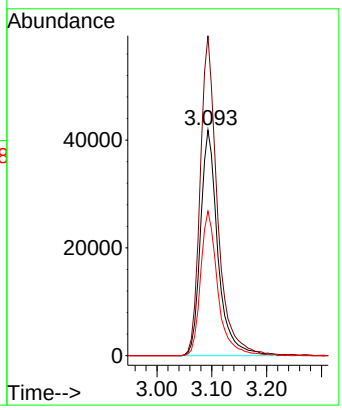


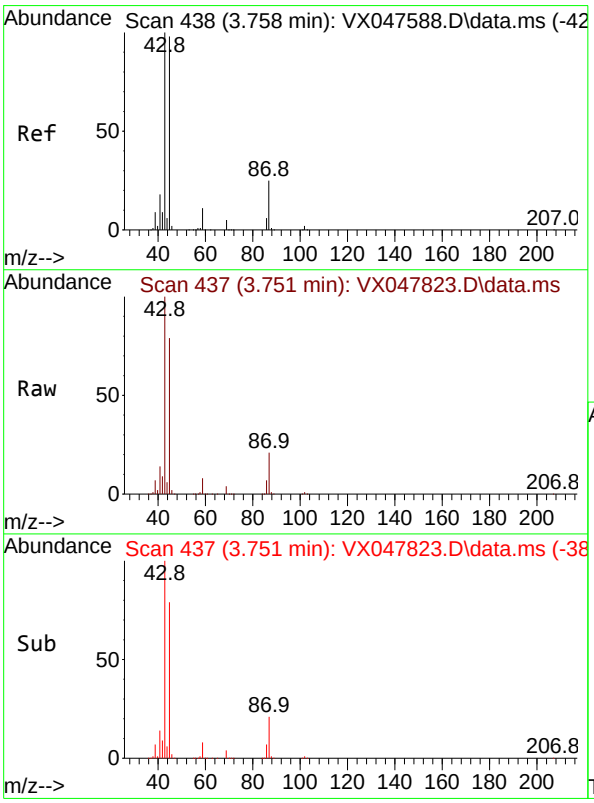
#21
trans-1,2-Dichloroethene
Concen: 52.273 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 92382

Ion	Ratio	Lower	Upper
96	100		
61	141.8	116.2	174.2
98	65.6	49.3	73.9

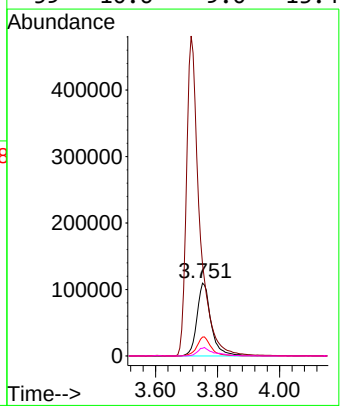


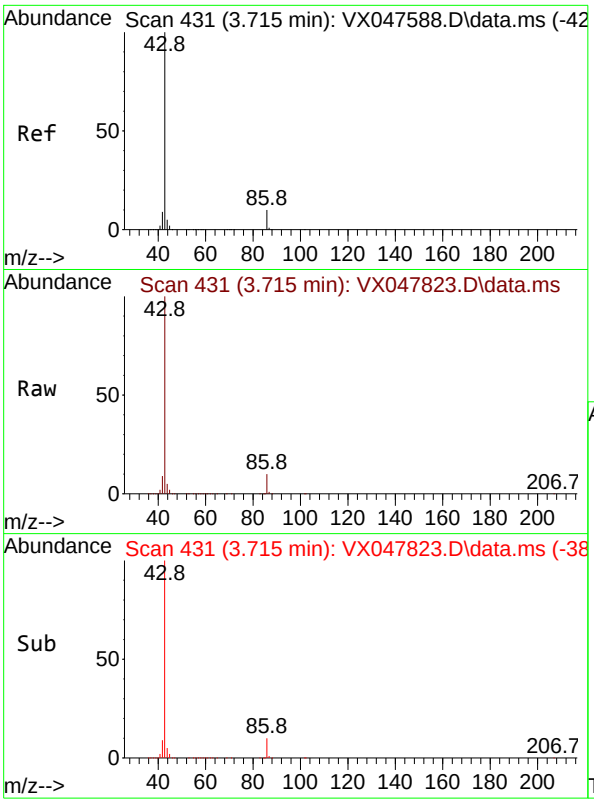


#22
Diisopropyl ether
Concen: 52.663 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 45 Resp: 345715

Ion	Ratio	Lower	Upper
45	100		
43	125.6	81.0	121.4#
87	26.0	20.3	30.5
59	10.6	9.0	13.4



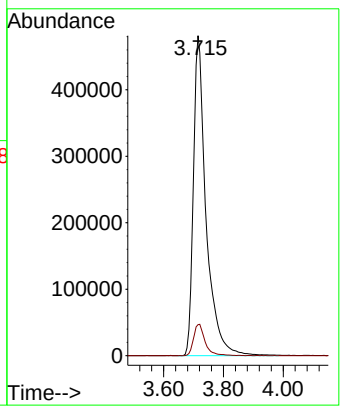


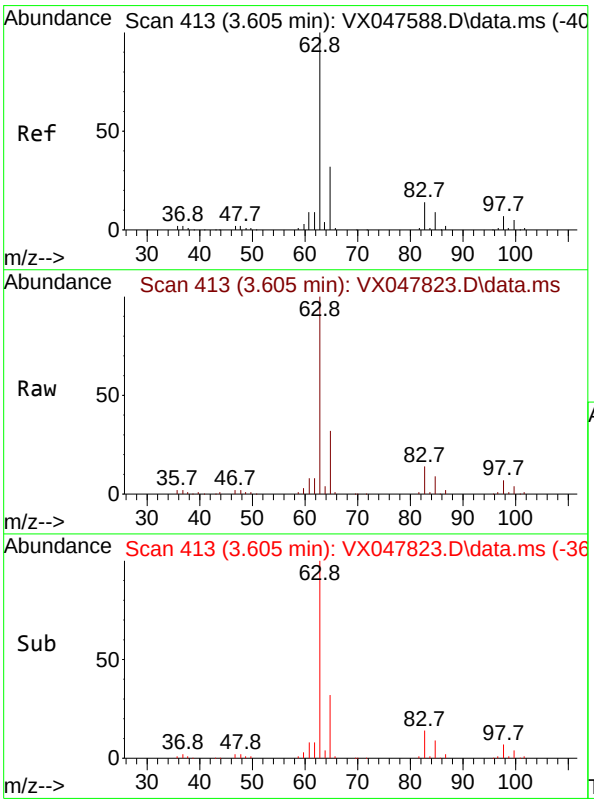
#23
Vinyl Acetate
Concen: 269.815 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1417612

Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.8	11.8

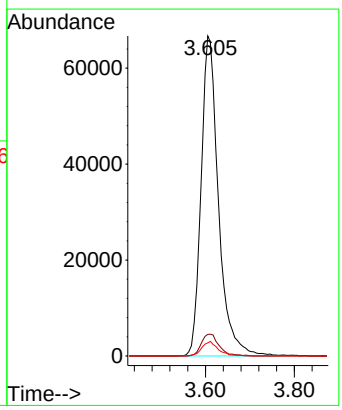


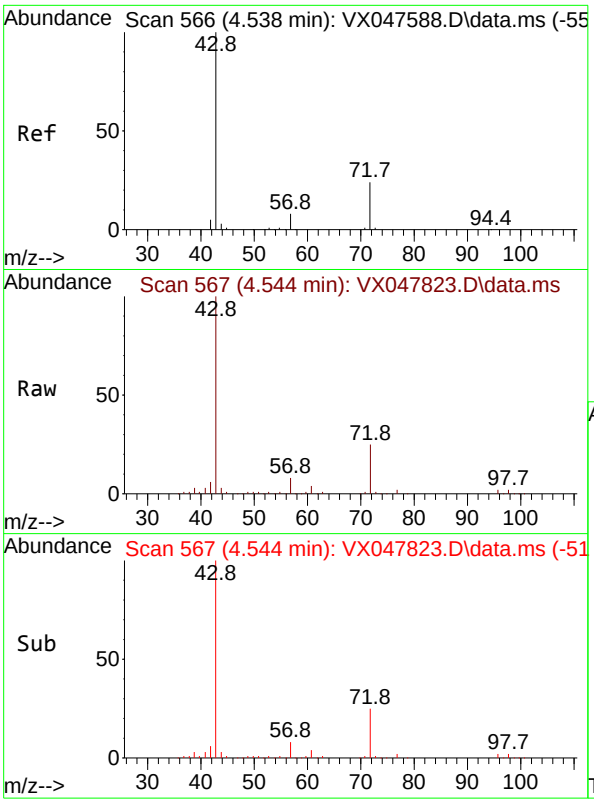


#24
1,1-Dichloroethane
Concen: 52.037 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 63 Resp: 181568

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.1	2.3	6.9



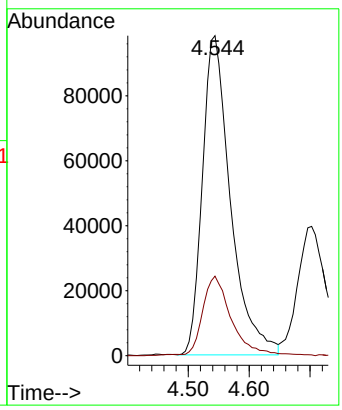


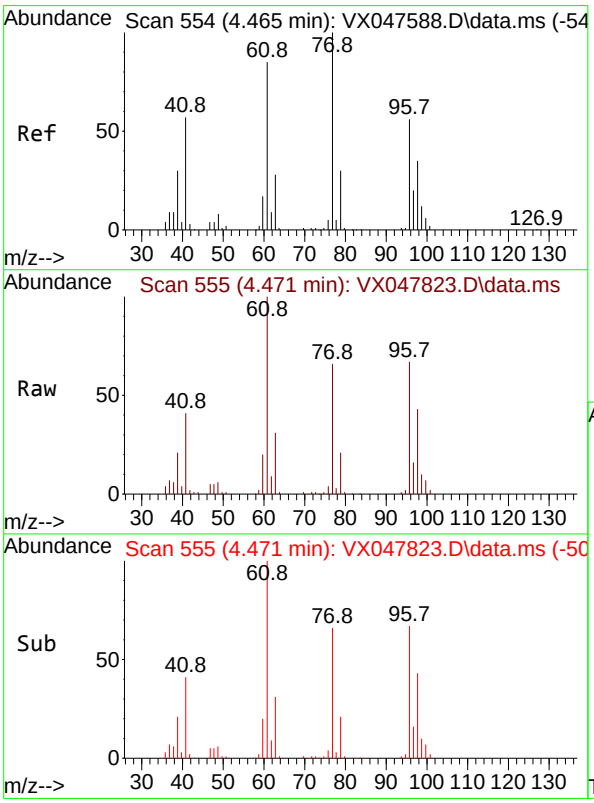
#25
2-Butanone
Concen: 264.723 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 315750

Ion	Ratio	Lower	Upper
43	100		
72	24.5	20.1	30.1

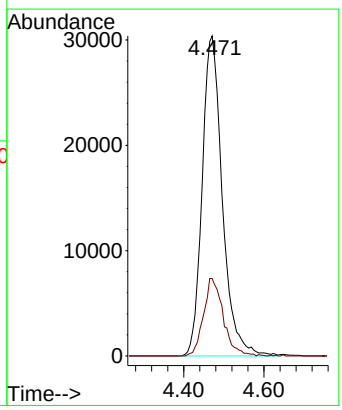


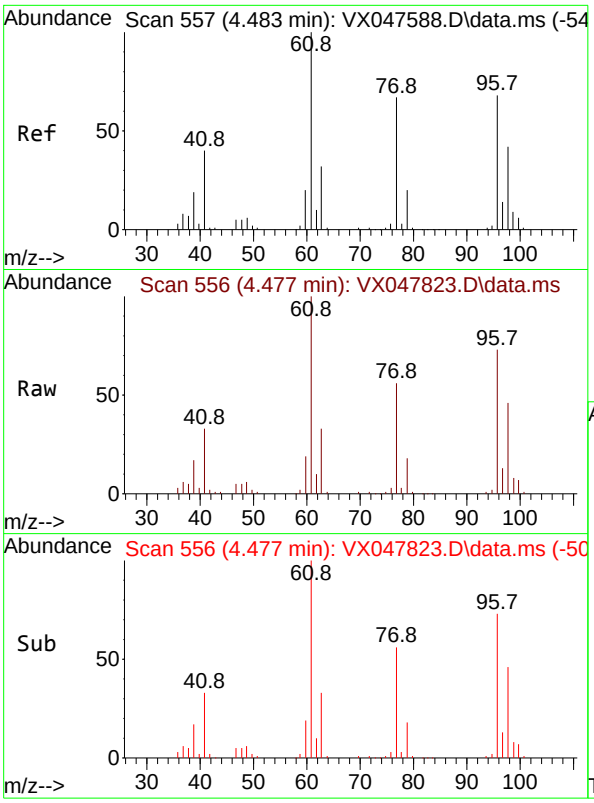


#26
2,2-Dichloropropane
Concen: 36.580 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 77 Resp: 106096

Ion	Ratio	Lower	Upper
77	100		
97	23.7	10.9	32.7



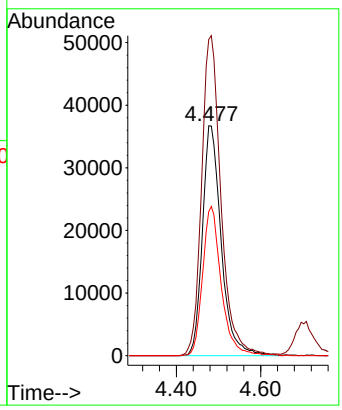


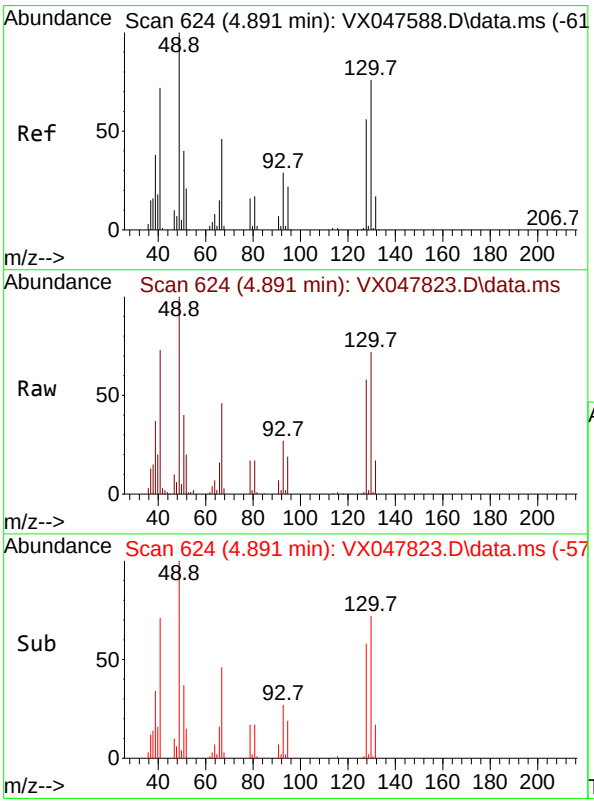
#27
cis-1,2-Dichloroethene
Concen: 52.554 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 113745

Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	303.2
98	64.0	0.0	127.8

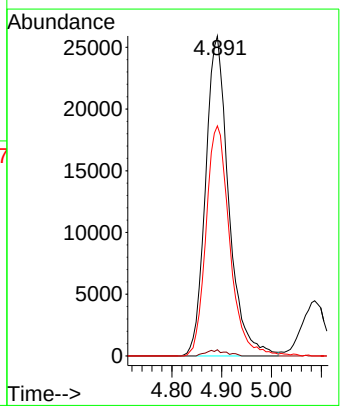


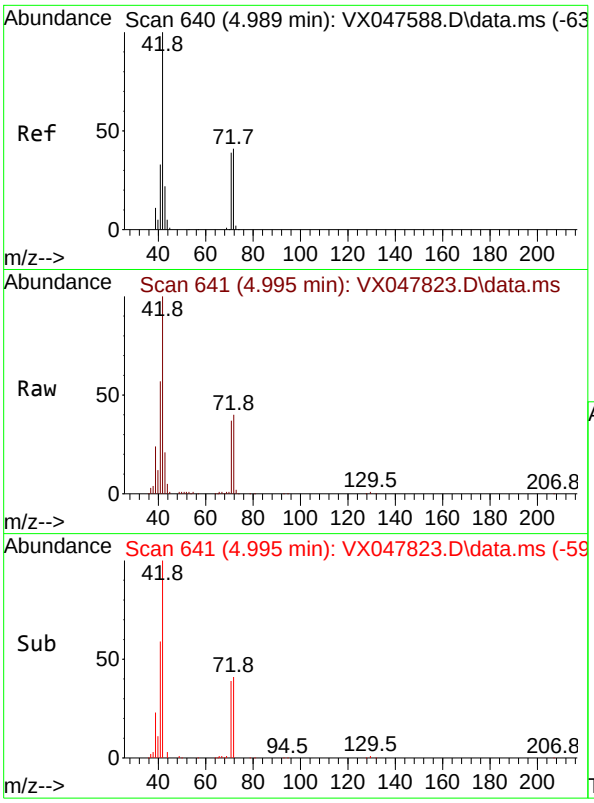


#28
Bromochloromethane
Concen: 54.859 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 49 Resp: 83565

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	73.6	57.8	86.8



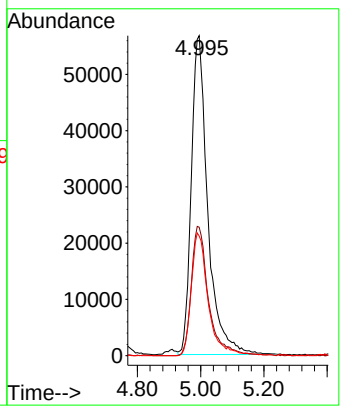


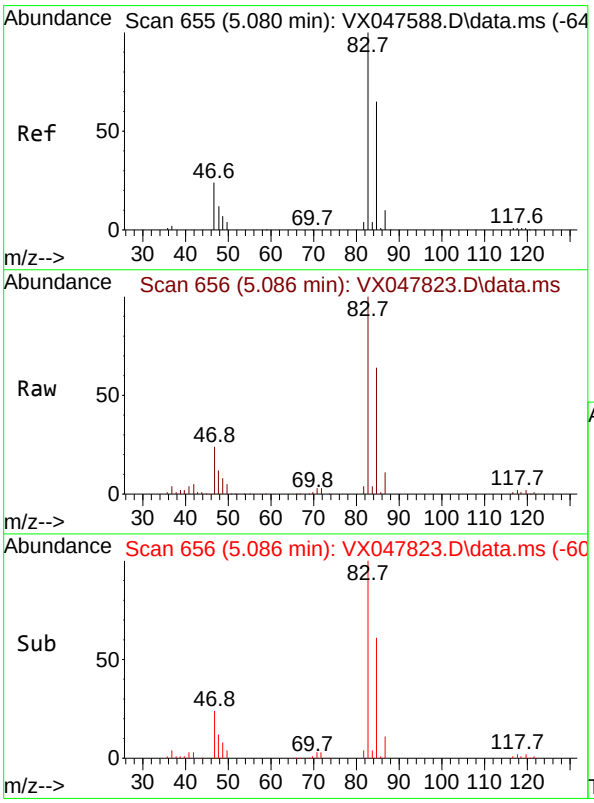
#29
Tetrahydrofuran
Concen: 286.033 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 205239

Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.2	51.2
71	39.5	31.9	47.9

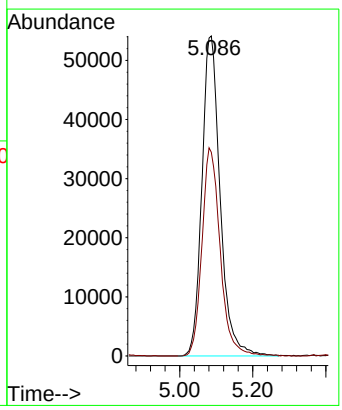


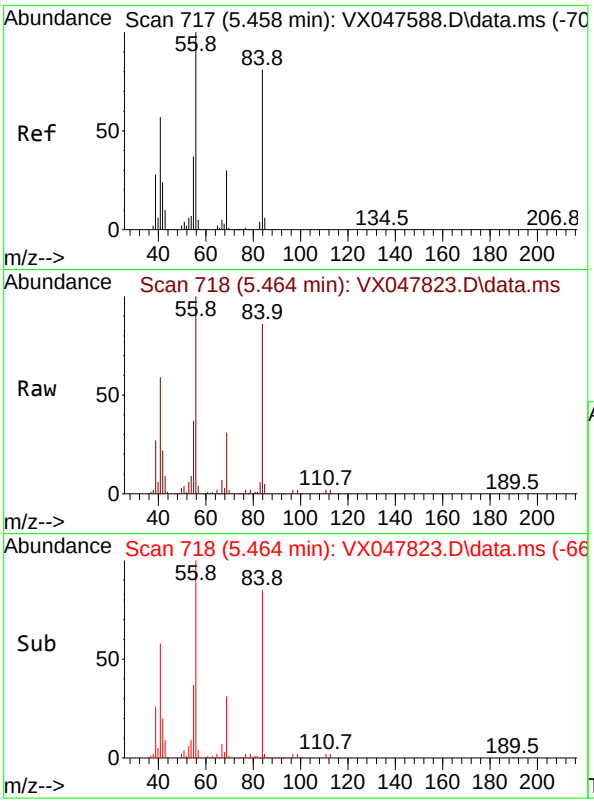


#30
Chloroform
Concen: 53.091 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 83 Resp: 187196

Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.6



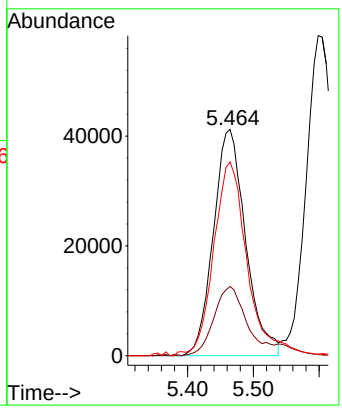


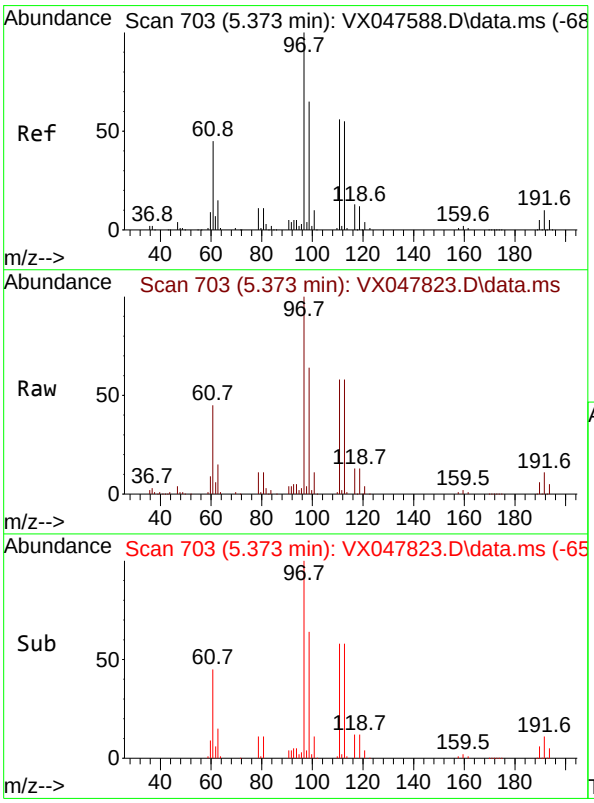
#31
Cyclohexane
Concen: 48.357 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 140528

Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.8	35.8
84	84.0	64.6	97.0

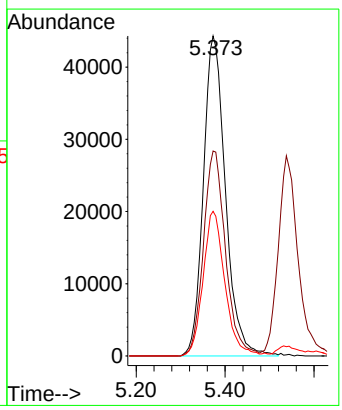


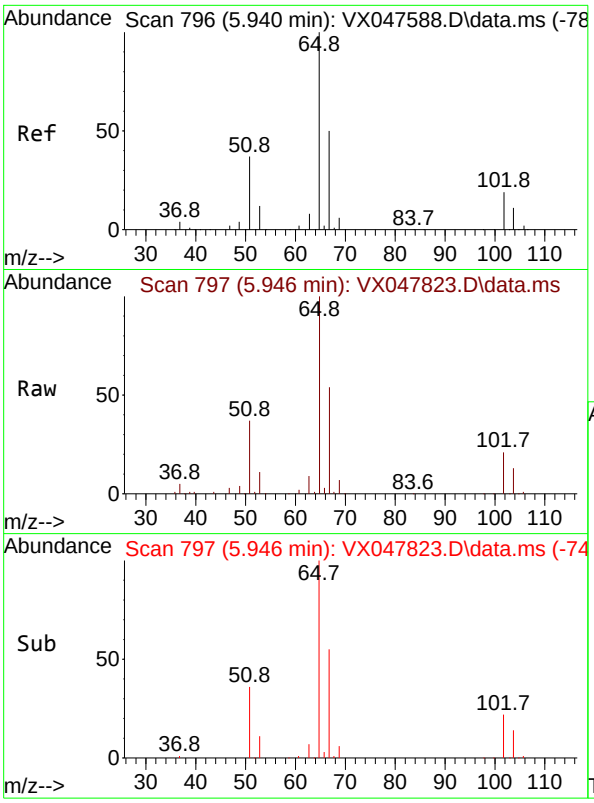


#32
1,1,1-Trichloroethane
Concen: 51.302 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 97 Resp: 153431

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	76.0
61	44.6	35.8	53.8



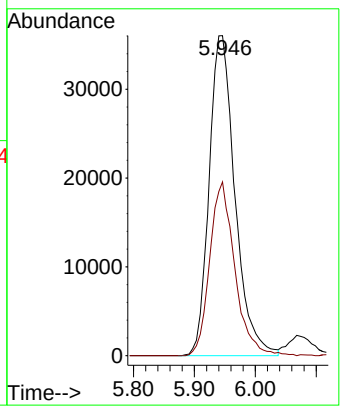


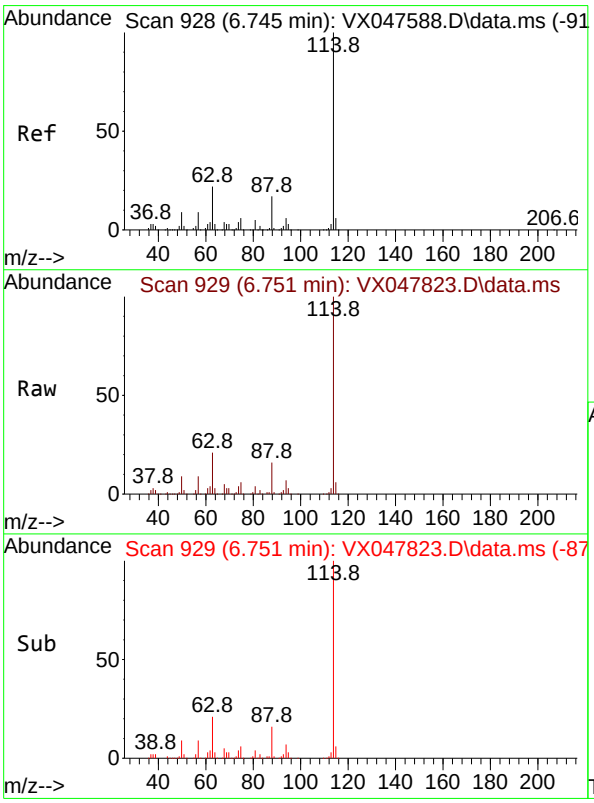
#33
1,2-Dichloroethane-d4
Concen: 48.331 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 106288

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.0

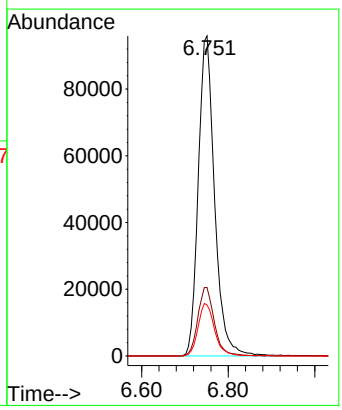


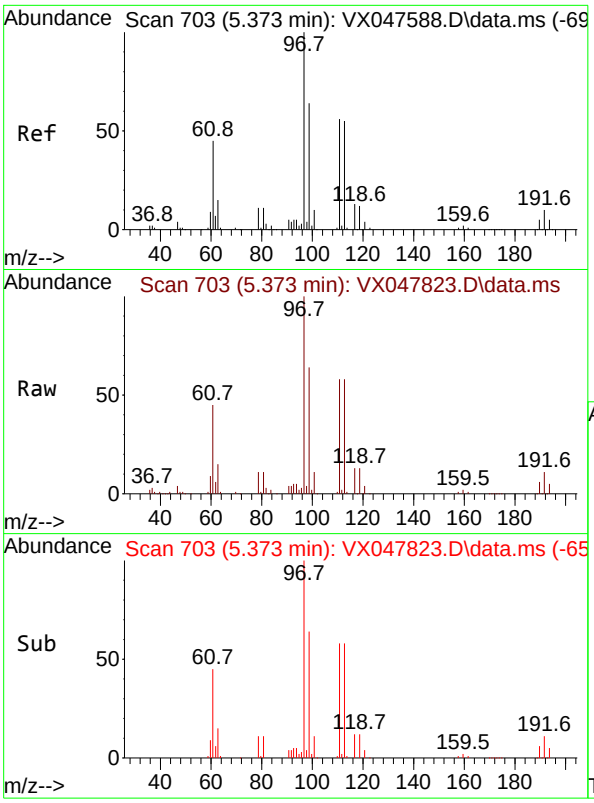


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:114 Resp: 250600

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.0
88	16.0	0.0	34.2



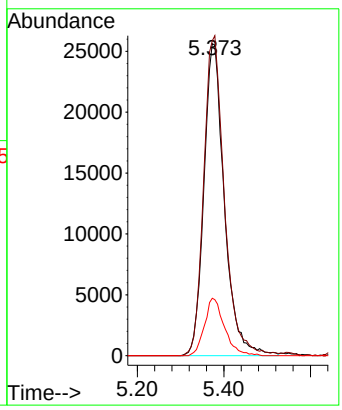


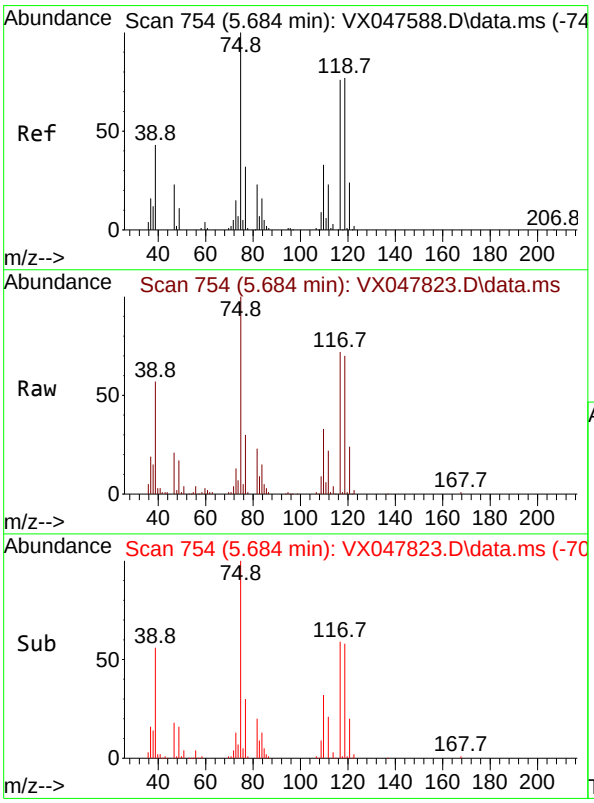
#35
Dibromofluoromethane
Concen: 50.006 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 84043

Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.9	121.3
192	18.0	14.2	21.4

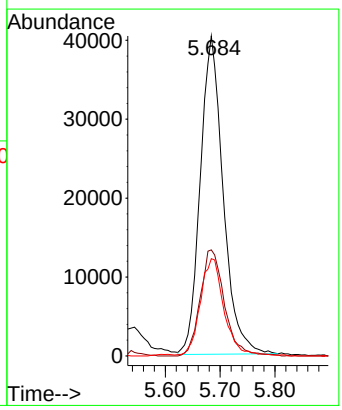


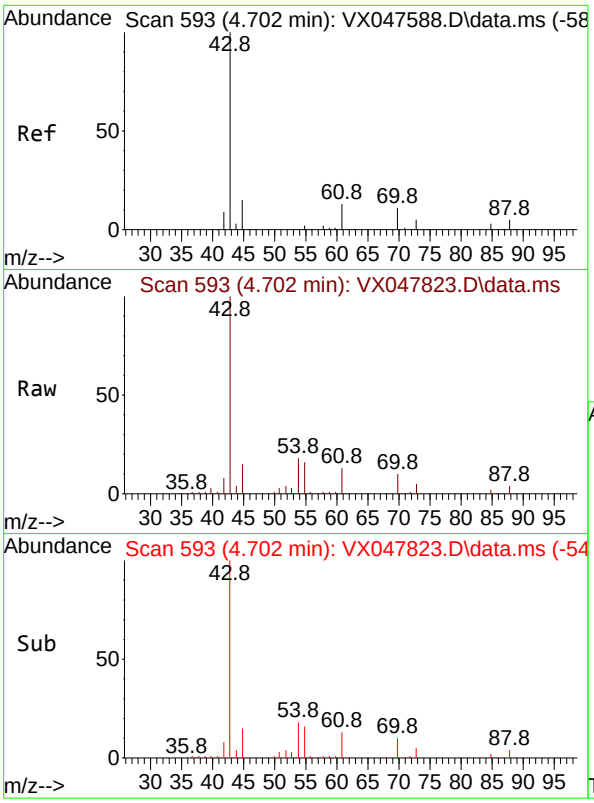


#36
1,1-Dichloropropene
Concen: 47.622 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 116951

Ion	Ratio	Lower	Upper
75	100		
110	35.3	16.7	50.1
77	31.3	24.3	36.5



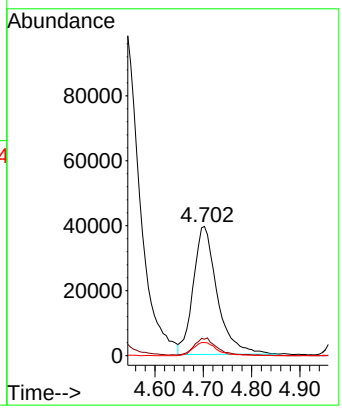


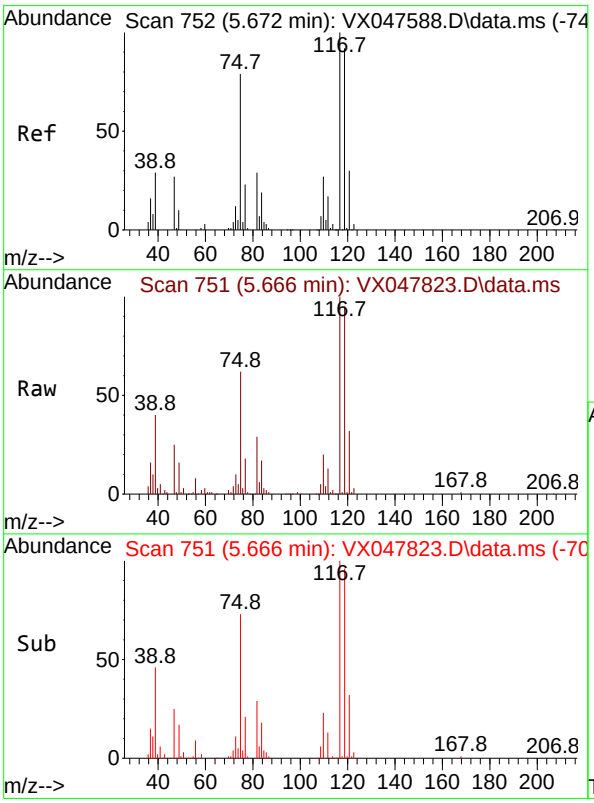
#37
Ethyl Acetate
Concen: 51.520 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 135472

Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.8	14.8
70	10.3	7.9	11.9

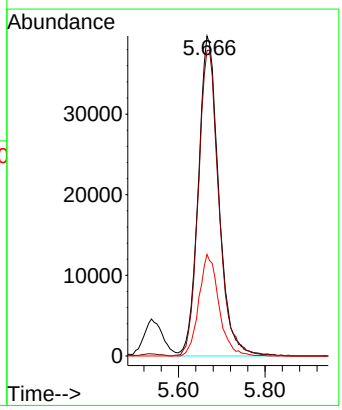


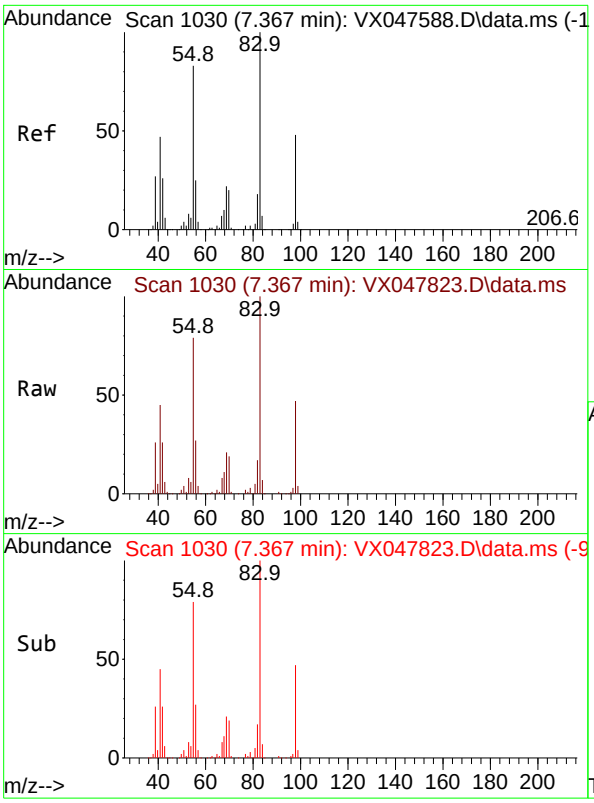


#38
Carbon Tetrachloride
Concen: 48.736 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:117 Resp: 130043

Ion	Ratio	Lower	Upper
117	100		
119	95.3	73.4	110.2
121	31.7	23.8	35.6



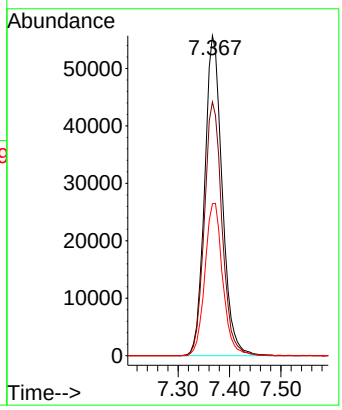


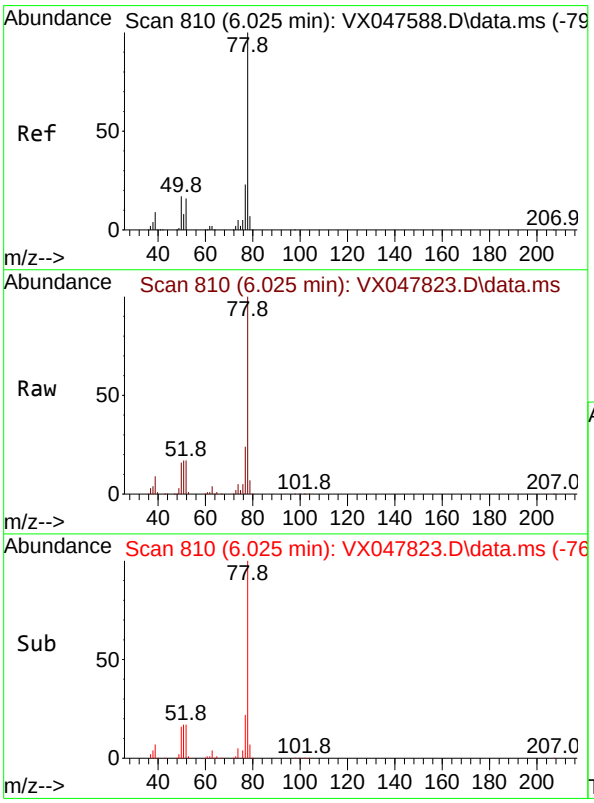
#39
Methylcyclohexane
Concen: 47.385 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 132095

Ion	Ratio	Lower	Upper
83	100		
55	79.3	66.4	99.6
98	47.5	38.1	57.1

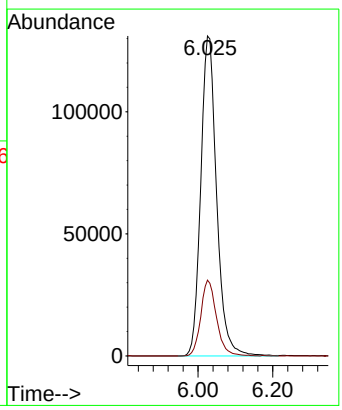


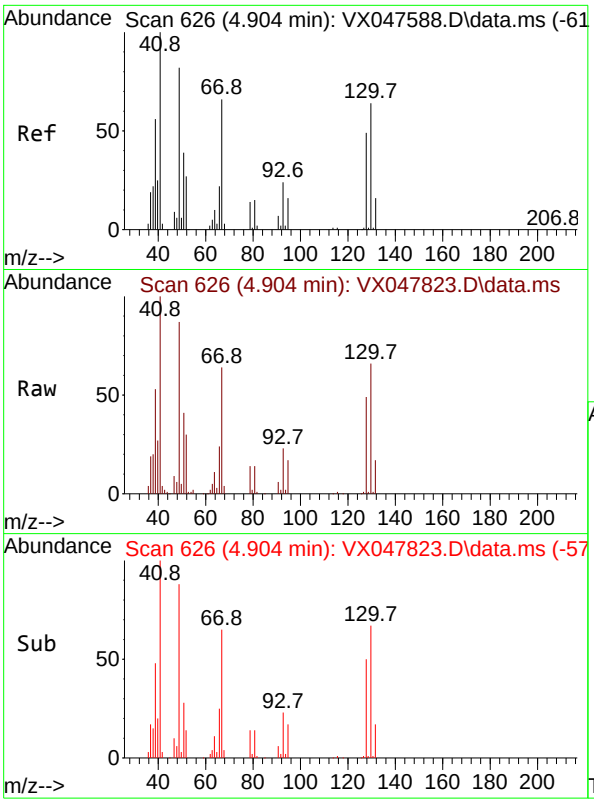


#40
Benzene
Concen: 51.647 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 78 Resp: 385239

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2



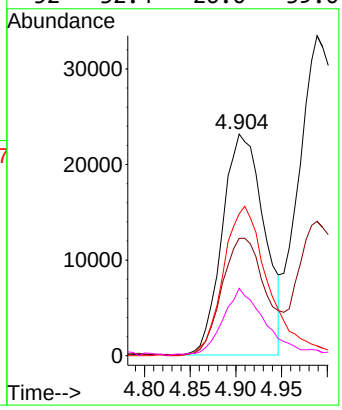


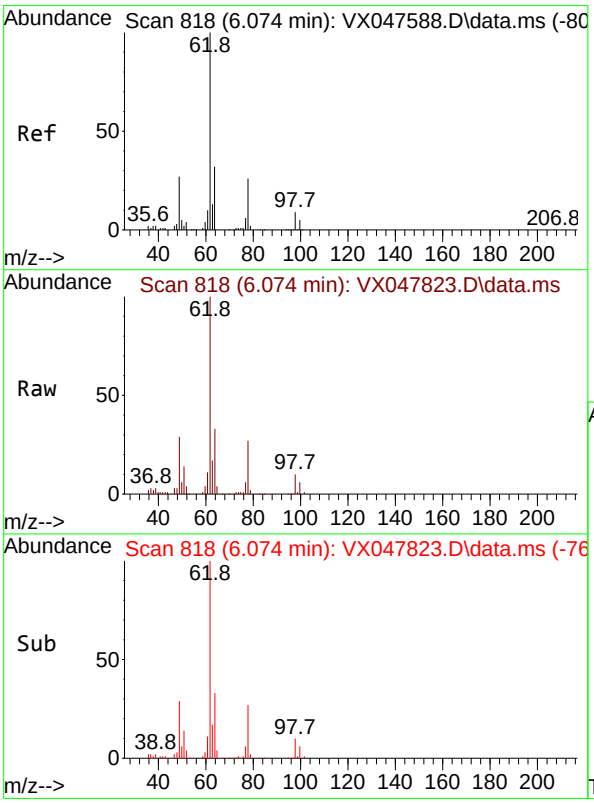
#41
Methacrylonitrile
Concen: 54.368 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 73804

Ion	Ratio	Lower	Upper
41	100		
39	56.7	43.3	64.9
67	74.7	58.6	87.8
52	32.4	26.0	39.0

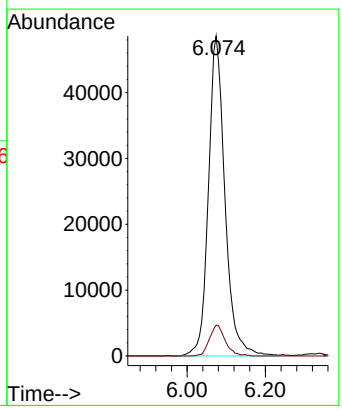


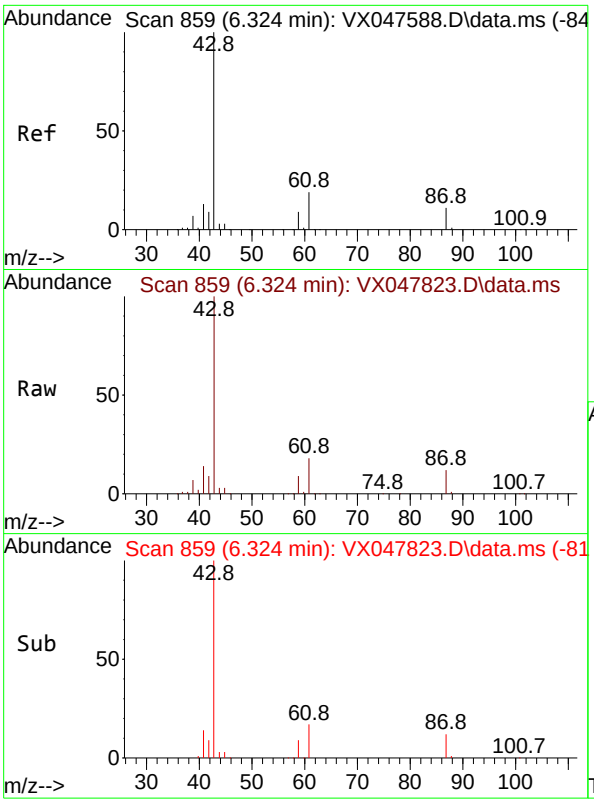


#42
1,2-Dichloroethane
Concen: 50.000 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 62 Resp: 141902

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.0



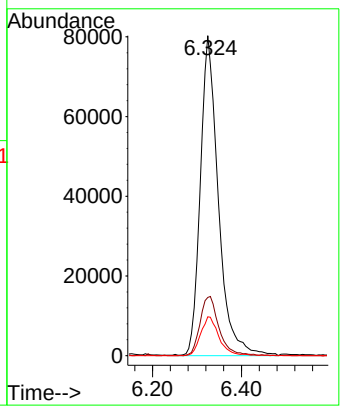


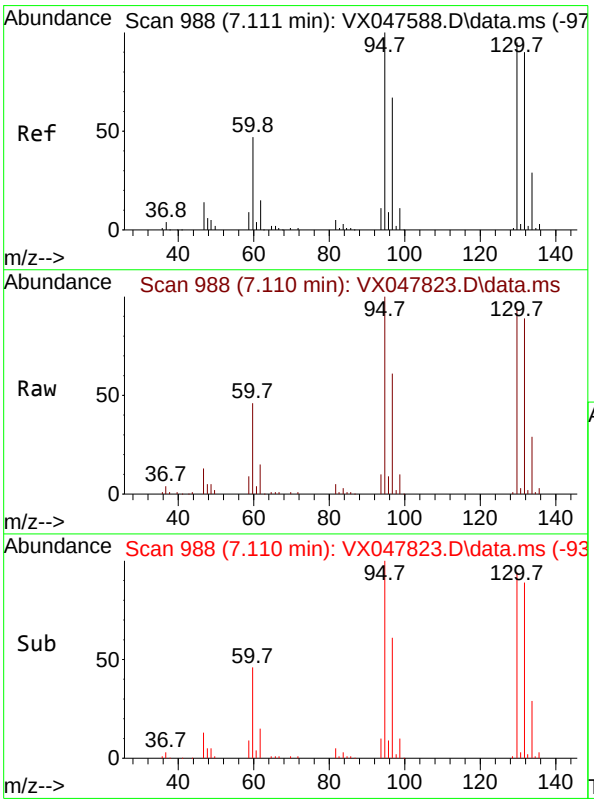
#43
Isopropyl Acetate
Concen: 52.636 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 226994

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.2	22.8
87	12.3	9.6	14.4

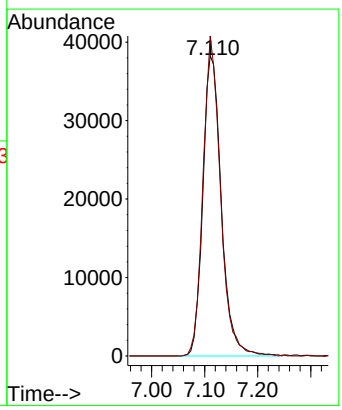


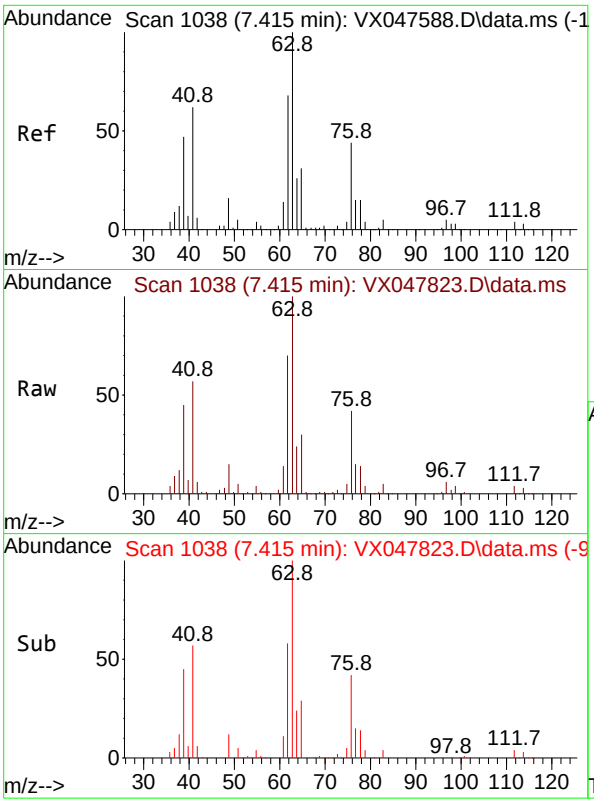


#44
Trichloroethene
Concen: 51.375 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:130 Resp: 92646

Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	210.8



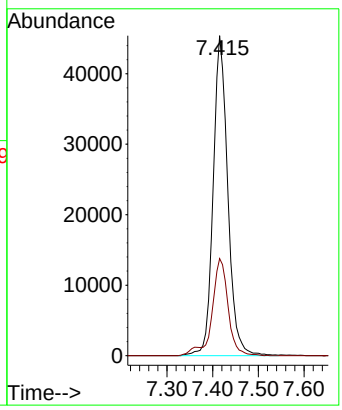


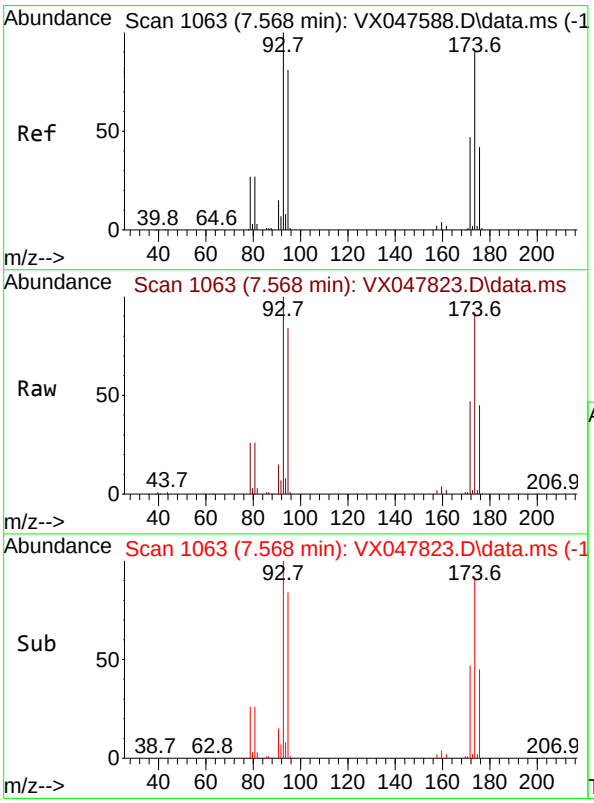
#45
1,2-Dichloropropane
Concen: 52.856 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 100953

Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.7	37.1

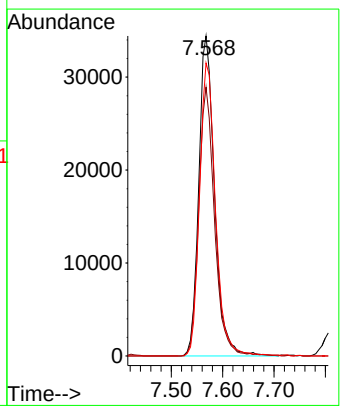


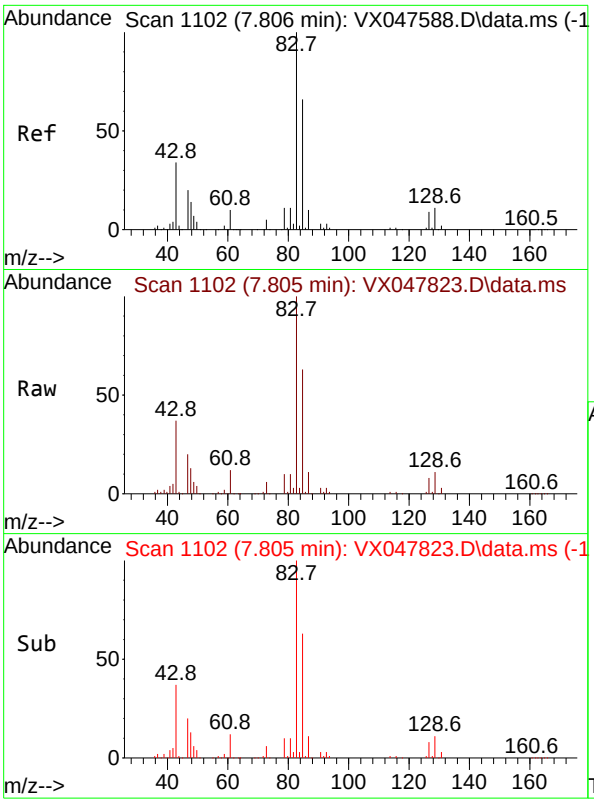


#46
Dibromomethane
Concen: 52.781 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 93 Resp: 73360

Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.0	97.6
174	92.9	71.6	107.4



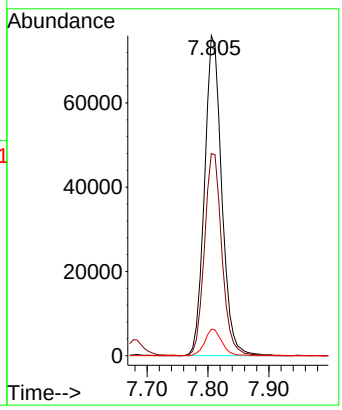


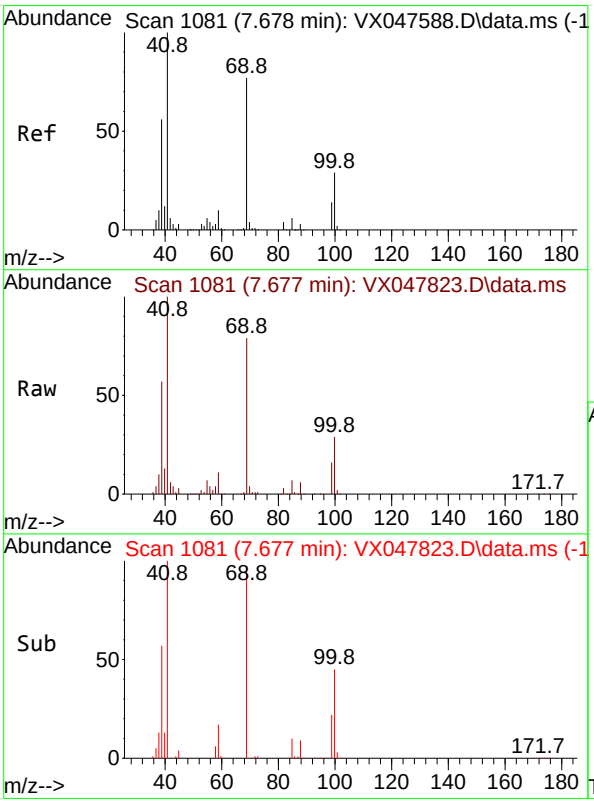
#47
Bromodichloromethane
Concen: 52.127 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 149506

Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.5	78.7
127	8.3	6.9	10.3

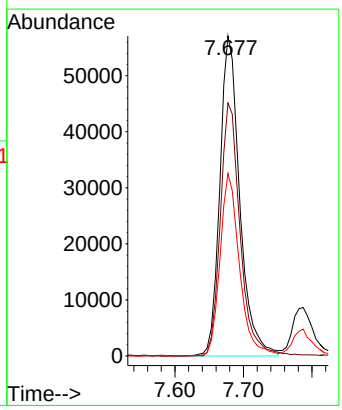


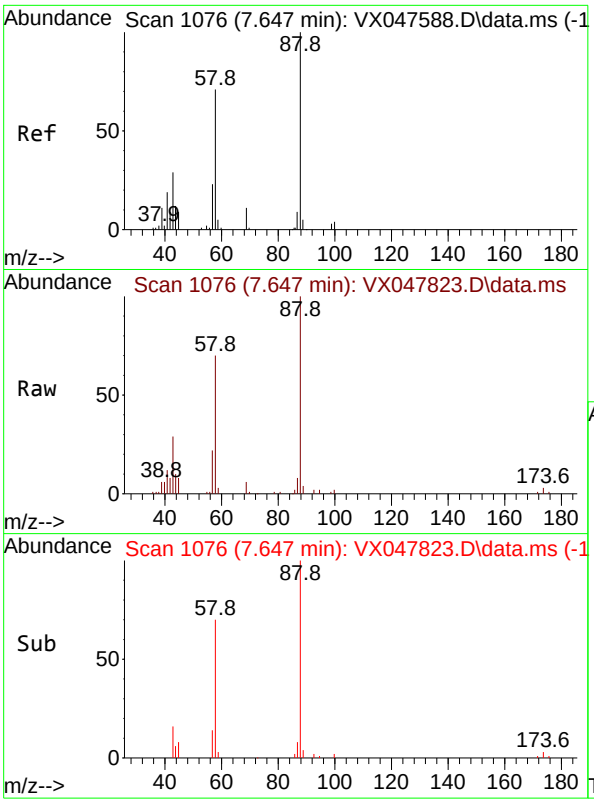


#48
Methyl methacrylate
Concen: 53.443 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 41 Resp: 114802

Ion	Ratio	Lower	Upper
41	100		
69	78.9	61.4	92.2
39	55.7	45.8	68.6



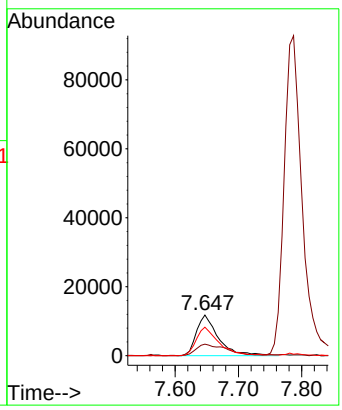


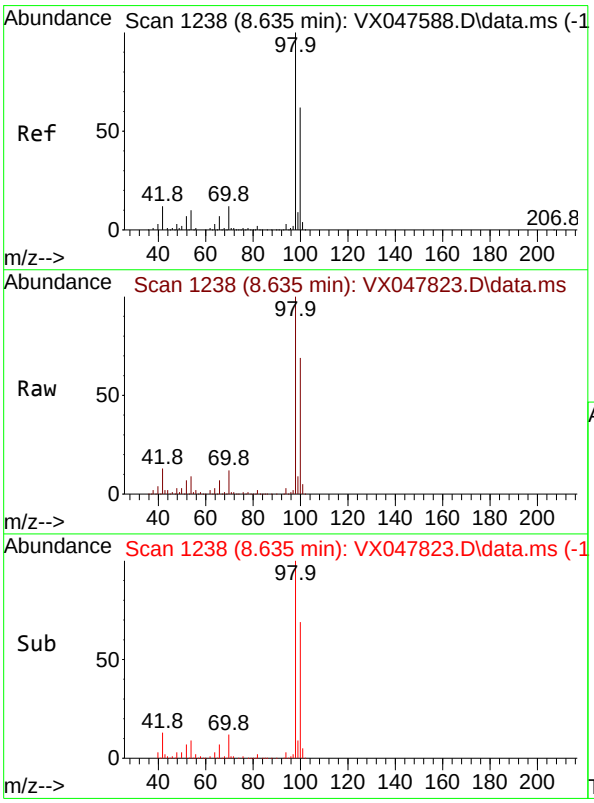
#49
1,4-Dioxane
Concen: 1317.923 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 28611

Ion	Ratio	Lower	Upper
88	100		
43	39.0	30.2	45.2
58	72.3	59.5	89.3

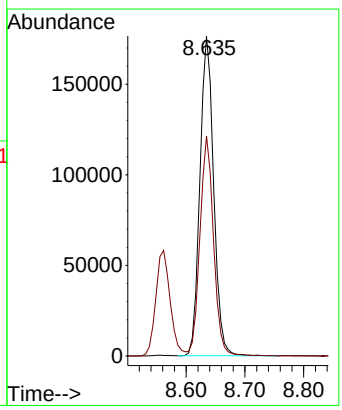


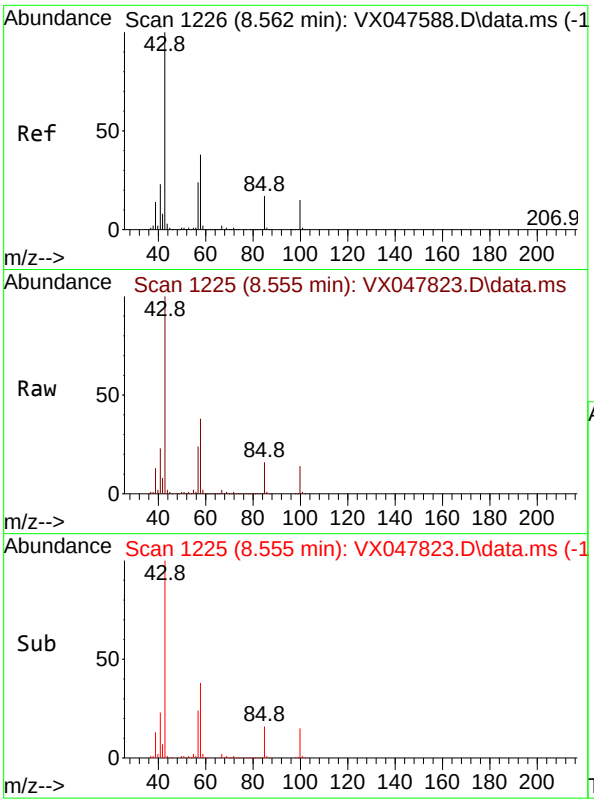


#50
Toluene-d8
Concen: 49.227 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 98 Resp: 286276

Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.0	79.4



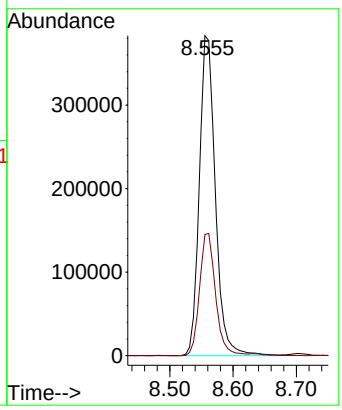


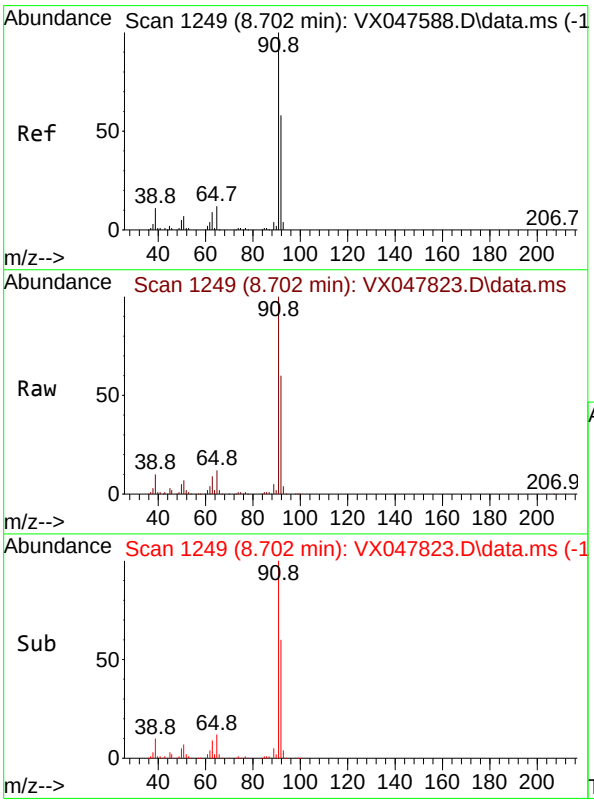
#51
4-Methyl-2-Pentanone
Concen: 283.290 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 677366

Ion	Ratio	Lower	Upper
43	100		
58	38.1	30.3	45.5

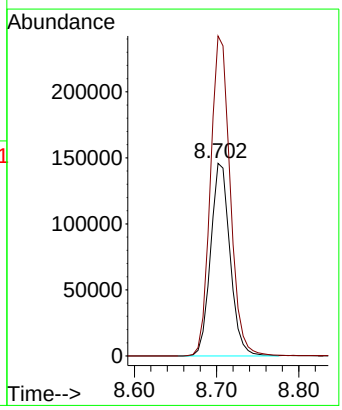


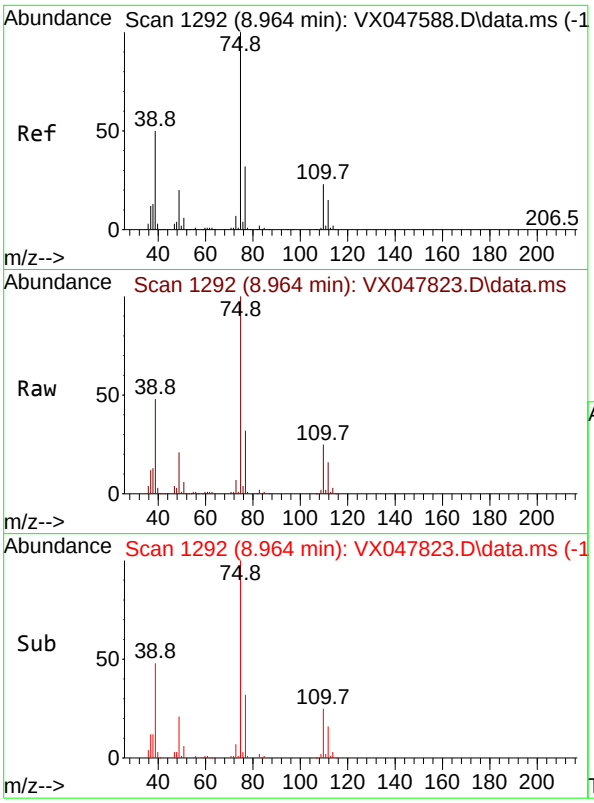


#52
Toluene
Concen: 52.084 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 92 Resp: 239352

Ion	Ratio	Lower	Upper
92	100		
91	168.4	137.1	205.7



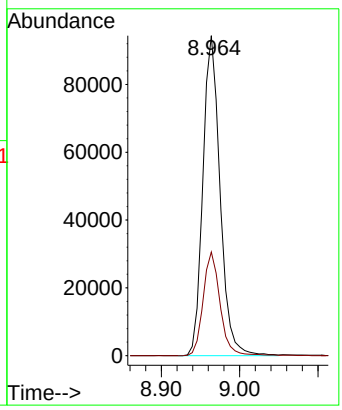


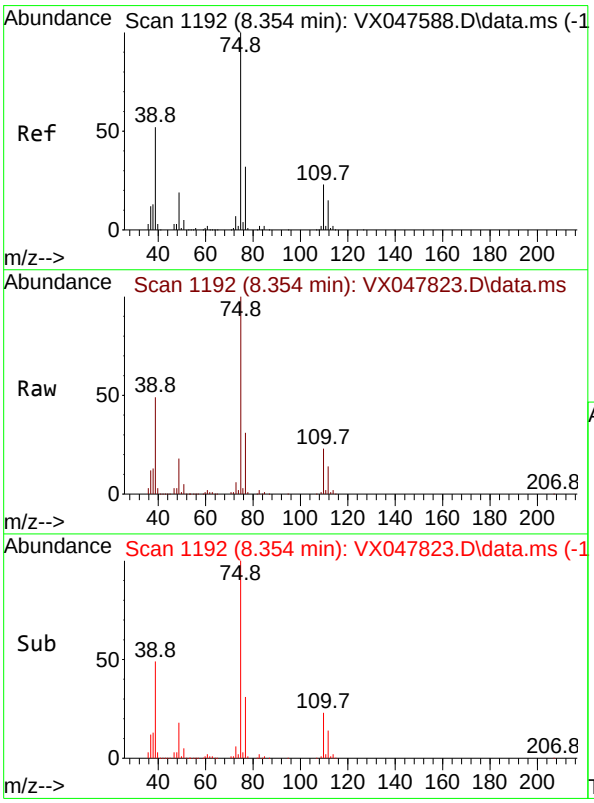
#53
t-1,3-Dichloropropene
Concen: 49.172 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 143852

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.2

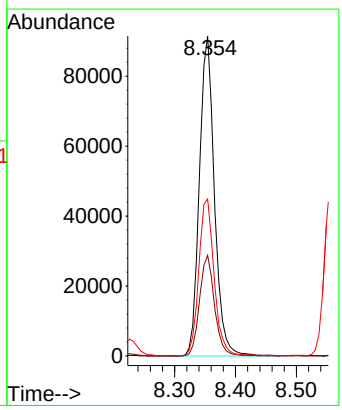


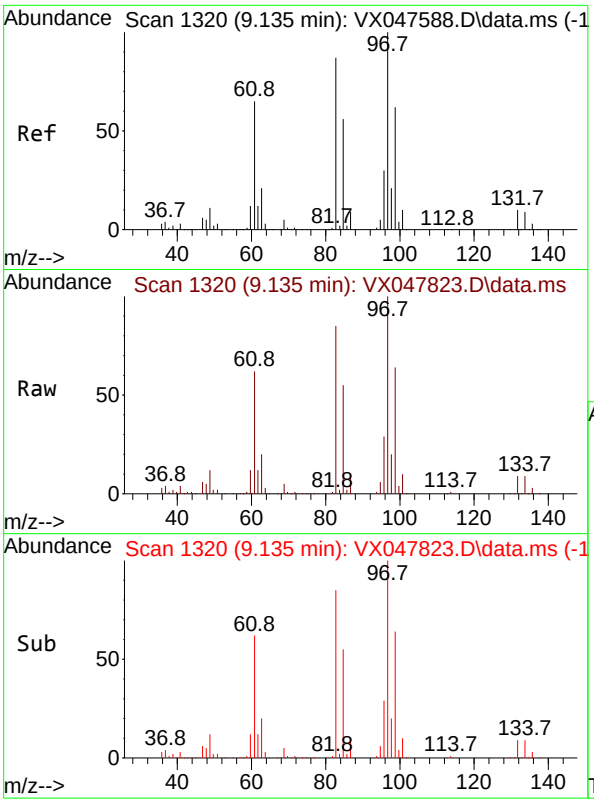


#54
cis-1,3-Dichloropropene
Concen: 50.226 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 157052

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6
39	49.0	41.4	62.2



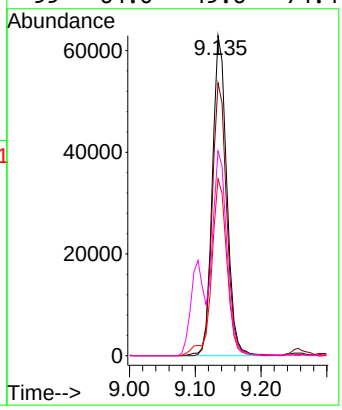


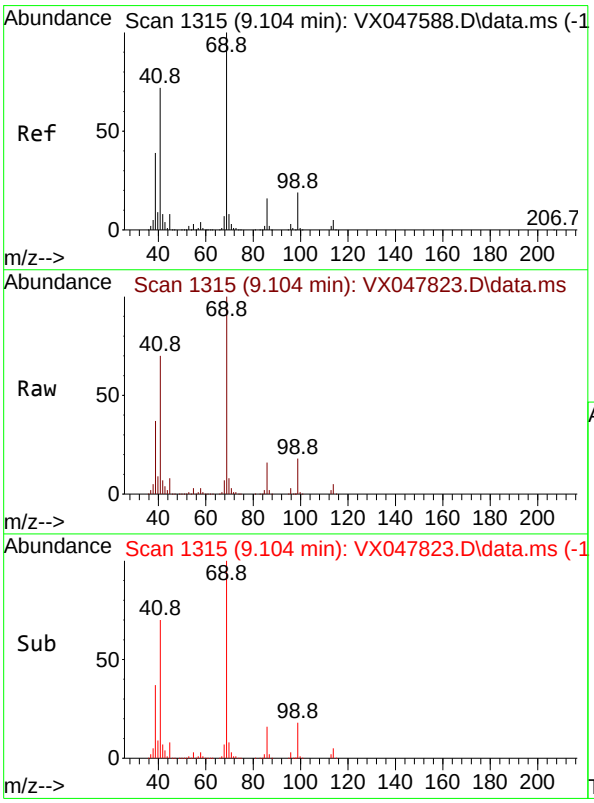
#55
1,1,2-Trichloroethane
Concen: 54.391 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 96381

Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.6	104.4
85	55.2	45.0	67.6
99	64.0	49.6	74.4

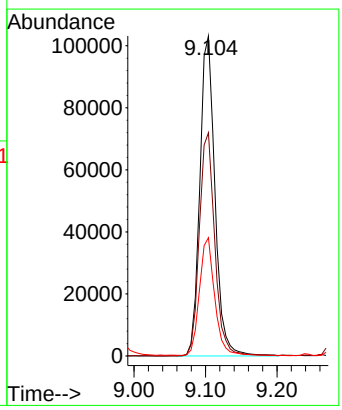


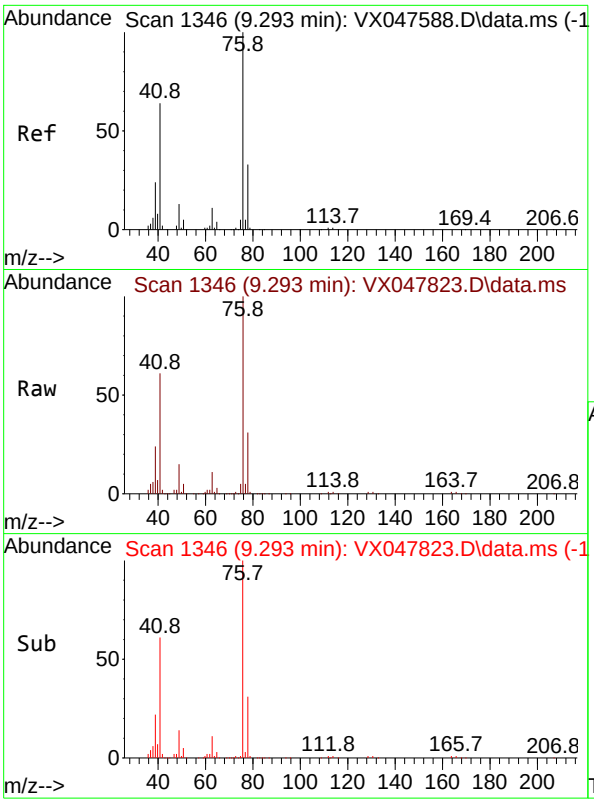


#56
Ethyl methacrylate
Concen: 54.571 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 69 Resp: 151863

Ion	Ratio	Lower	Upper
69	100		
41	71.4	58.6	87.8
39	37.3	31.5	47.3



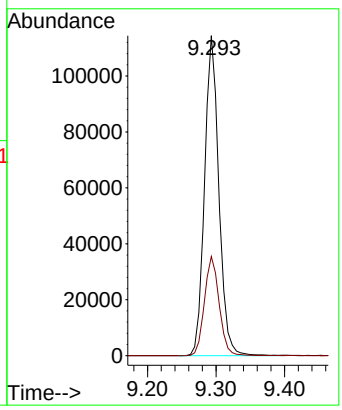


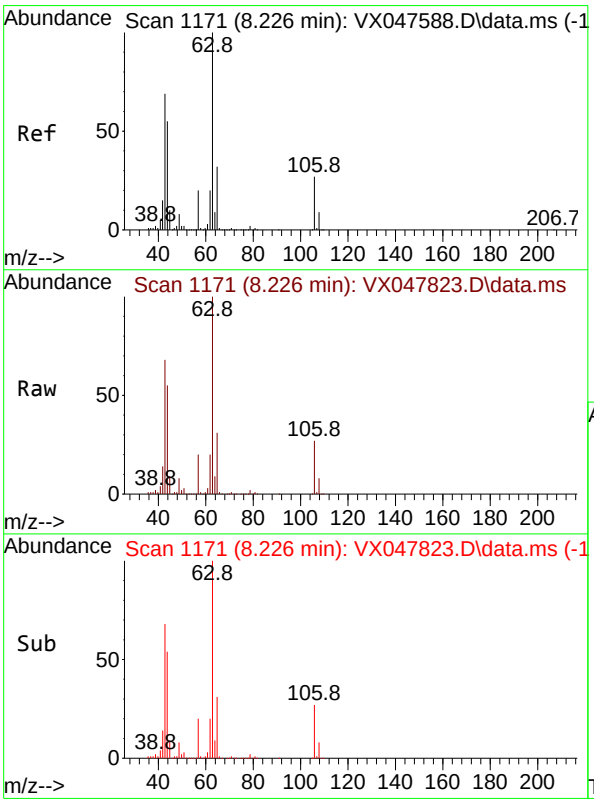
#57
1,3-Dichloropropane
Concen: 54.630 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 166293

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4

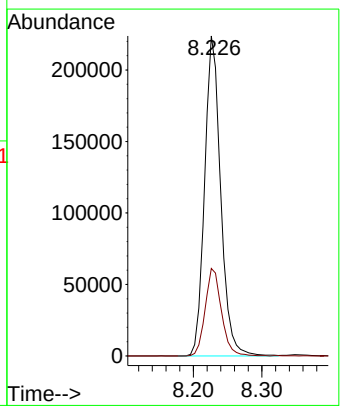


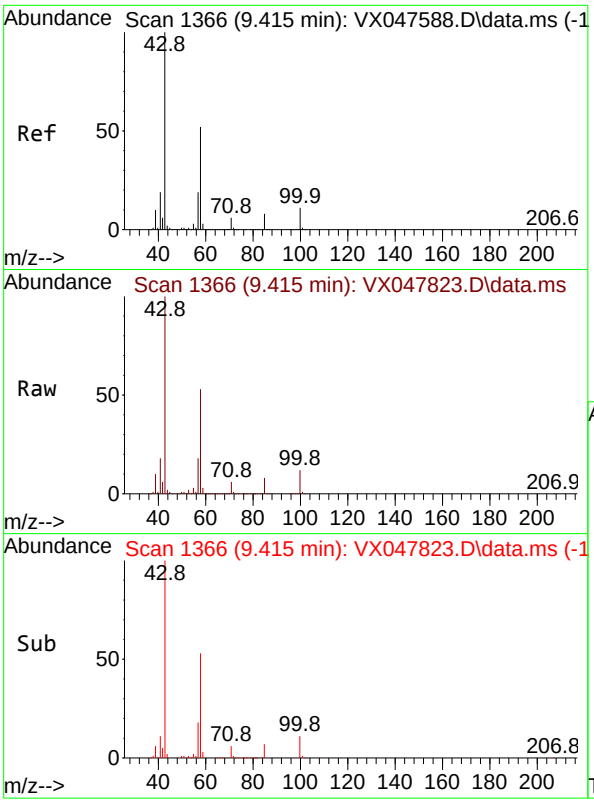


#58
2-Chloroethyl Vinyl ether
Concen: 273.260 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 63 Resp: 365599

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9



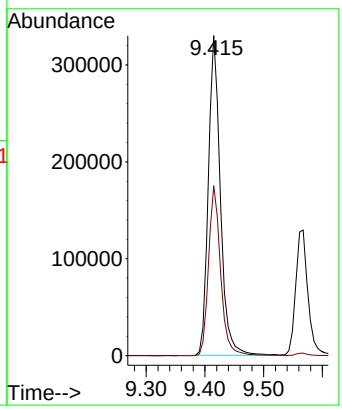


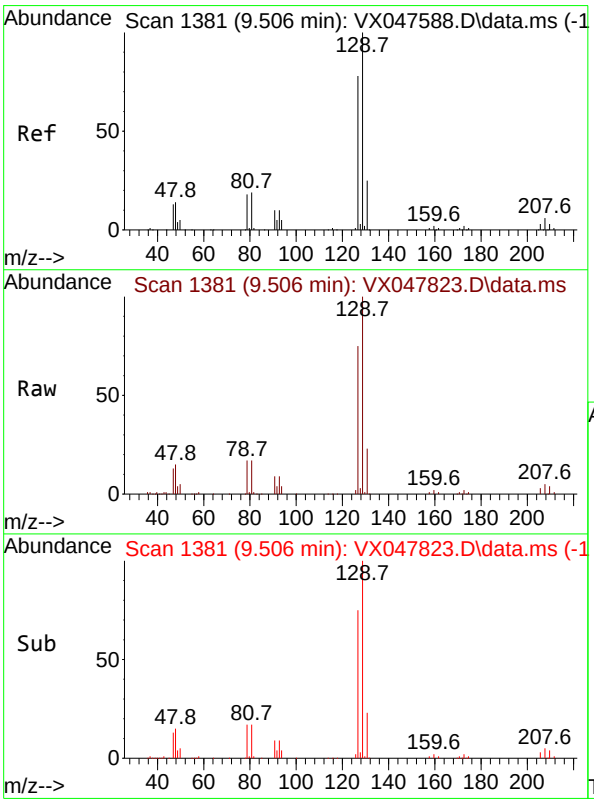
#59
2-Hexanone
Concen: 275.126 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 472466

Ion	Ratio	Lower	Upper
43	100		
58	53.1	26.1	78.2

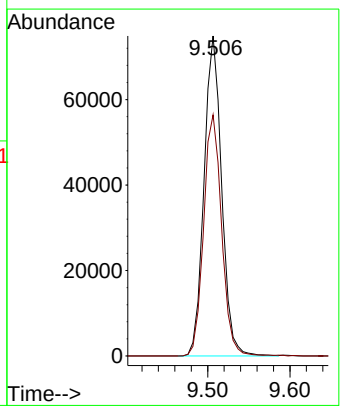


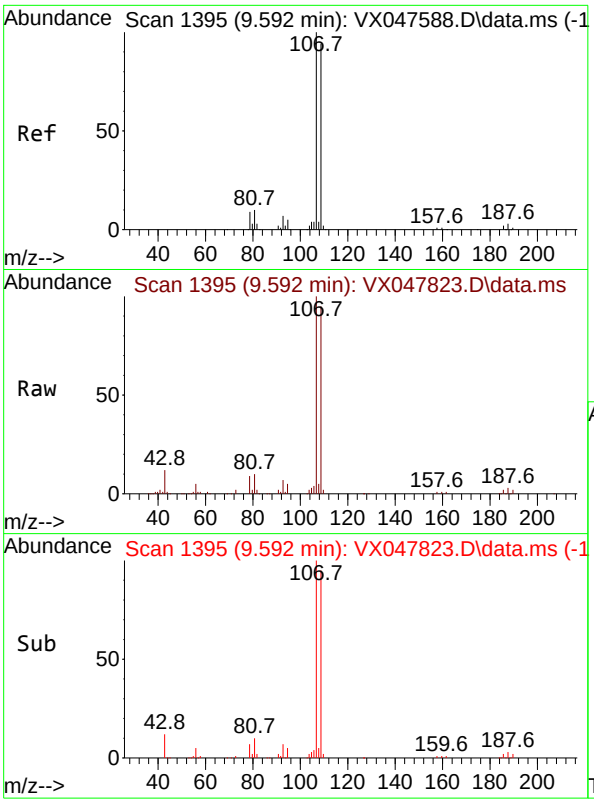


#60
Dibromochloromethane
Concen: 54.529 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:129 Resp: 111334

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.4	115.2



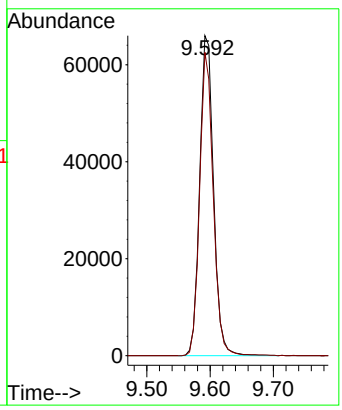


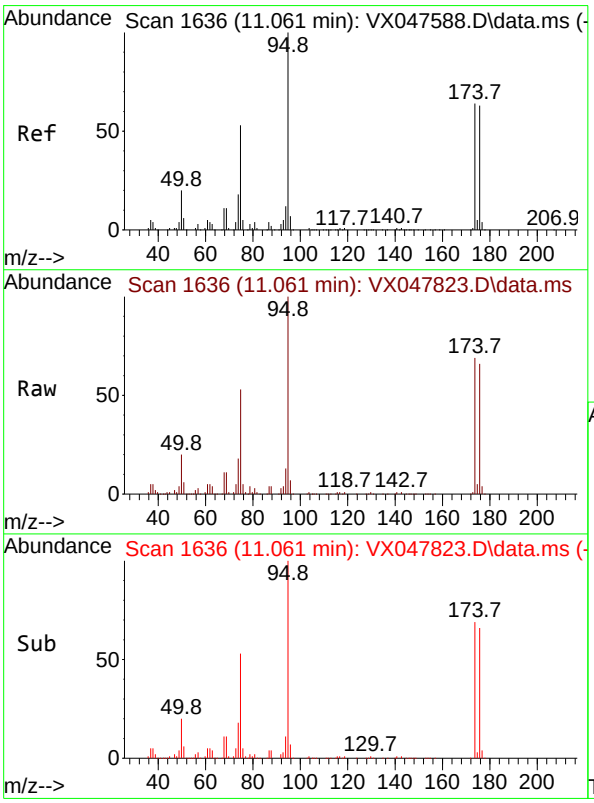
#61
1,2-Dibromoethane
Concen: 55.828 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 100762

Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.3	112.9

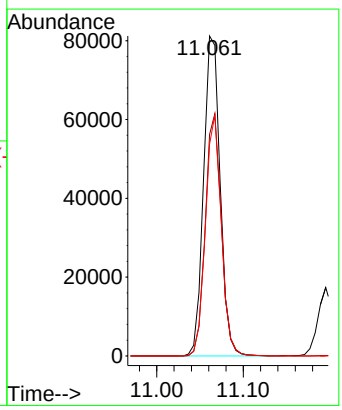


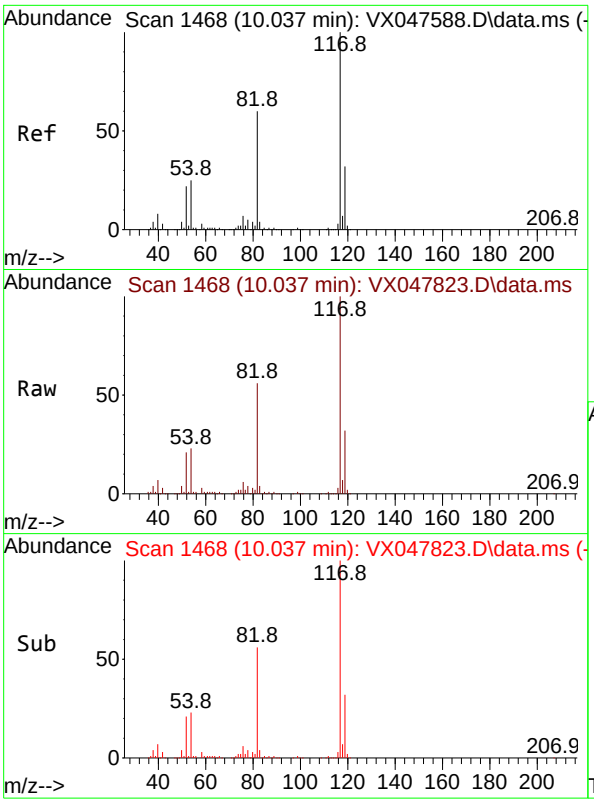


#62
4-Bromofluorobenzene
Concen: 48.923 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 95 Resp: 107976

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	141.6
176	72.0	0.0	138.4



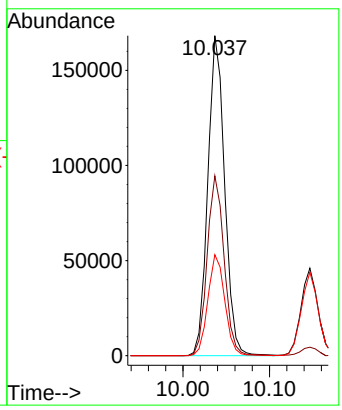


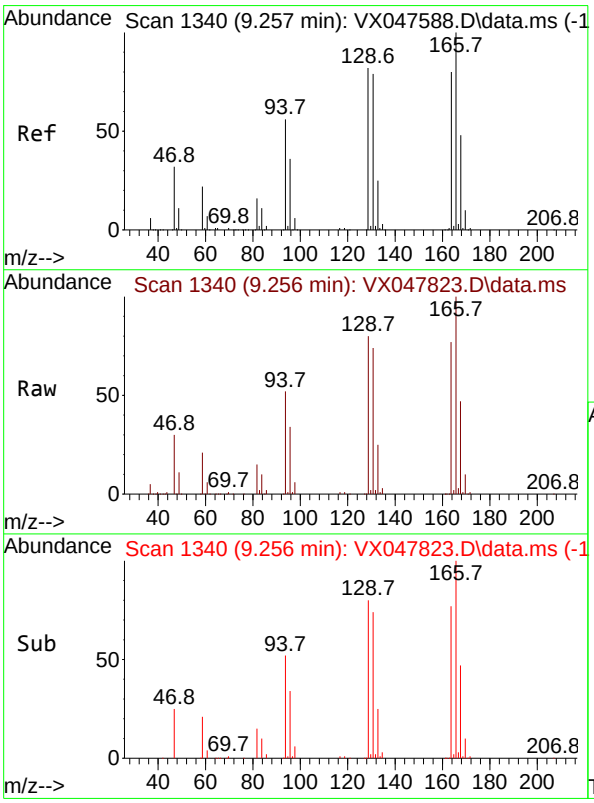
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 227187

Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.8	71.6
119	31.6	25.2	37.8

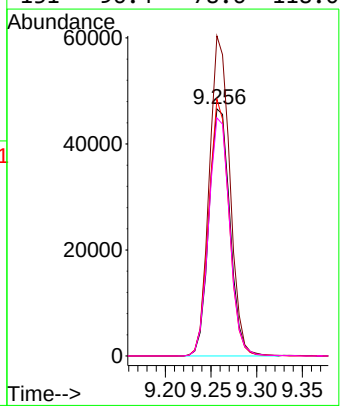


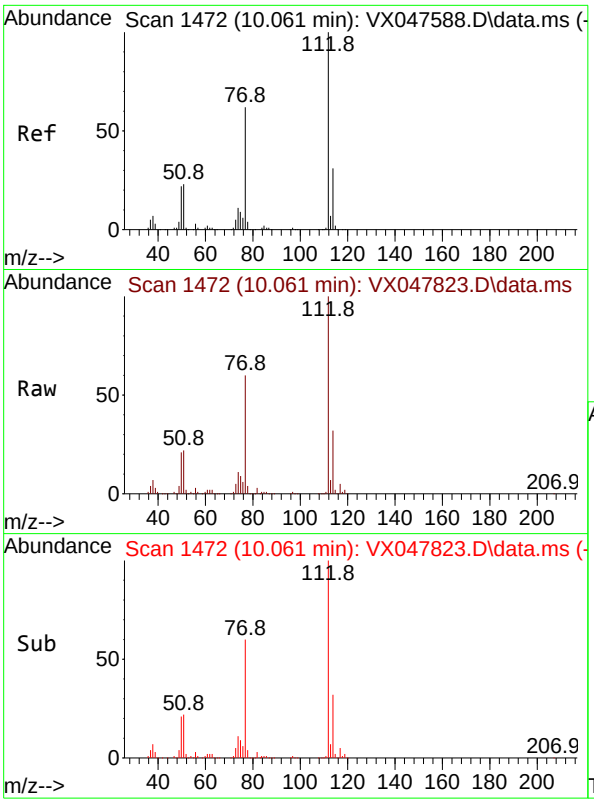


#64
Tetrachloroethene
Concen: 50.109 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:164 Resp: 74213

Ion	Ratio	Lower	Upper
164	100		
166	129.5	100.2	150.2
129	103.9	81.8	122.6
131	96.4	78.6	118.0



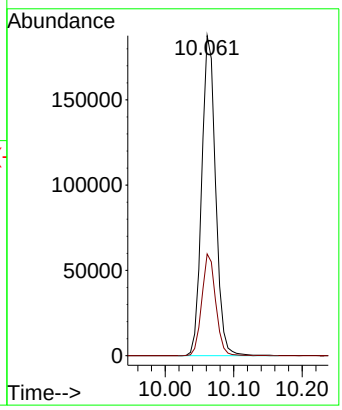


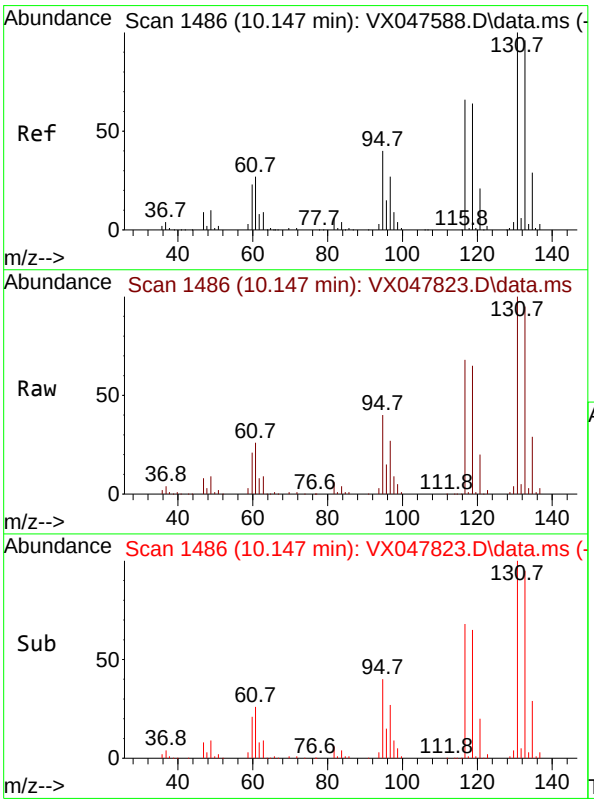
#65
Chlorobenzene
Concen: 51.289 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 264716

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.1	37.7

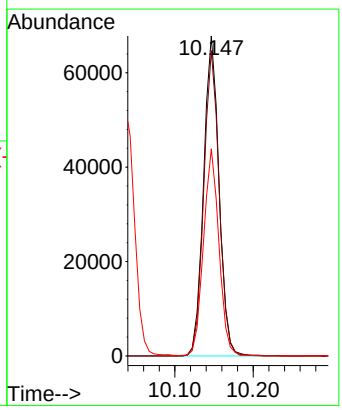


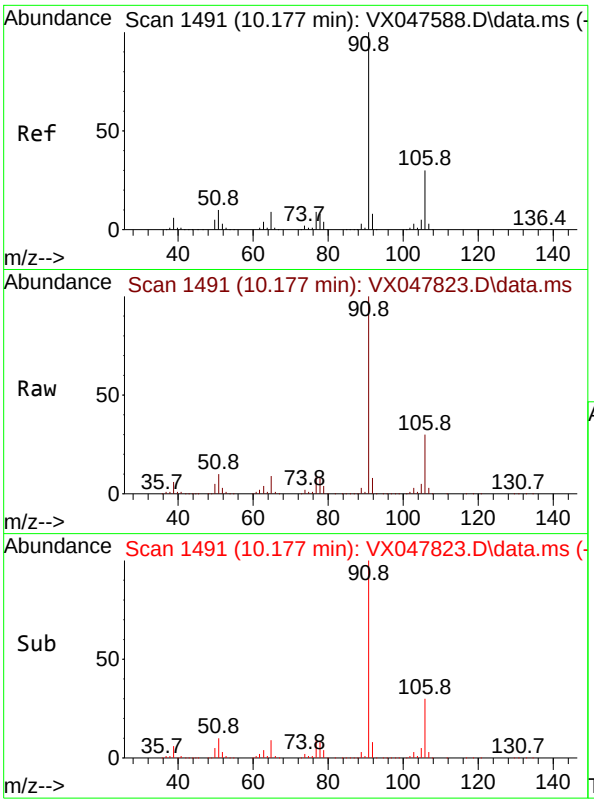


#66
1,1,1,2-Tetrachloroethane
Concen: 52.017 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:131 Resp: 92643

Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	142.0
119	64.7	32.0	96.0



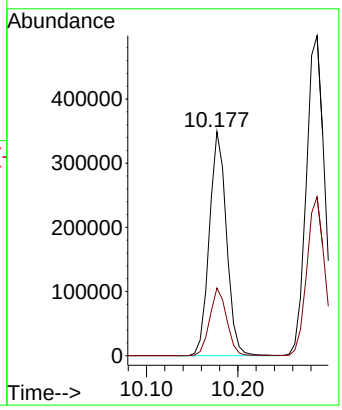


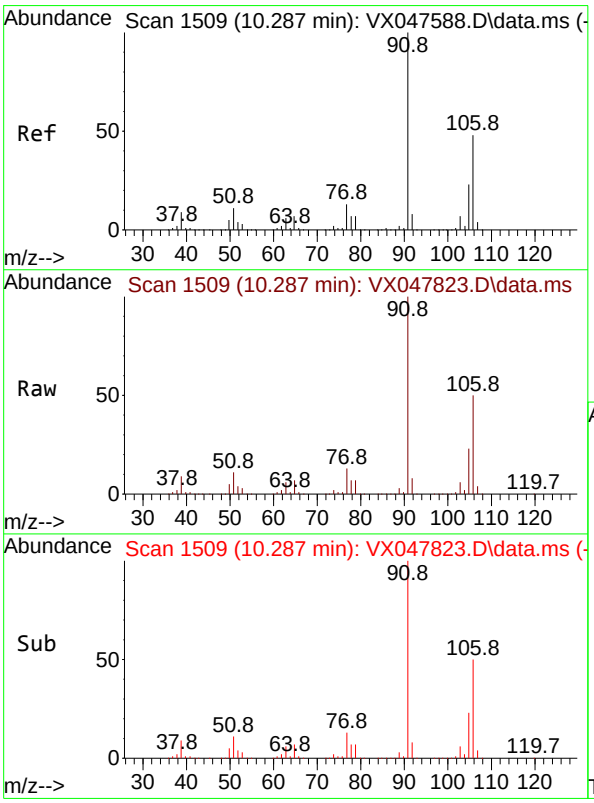
#67
Ethyl Benzene
Concen: 50.998 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 454152

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.3	36.5

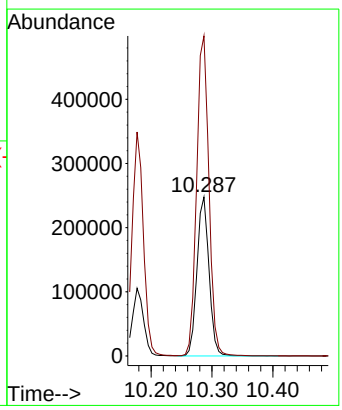


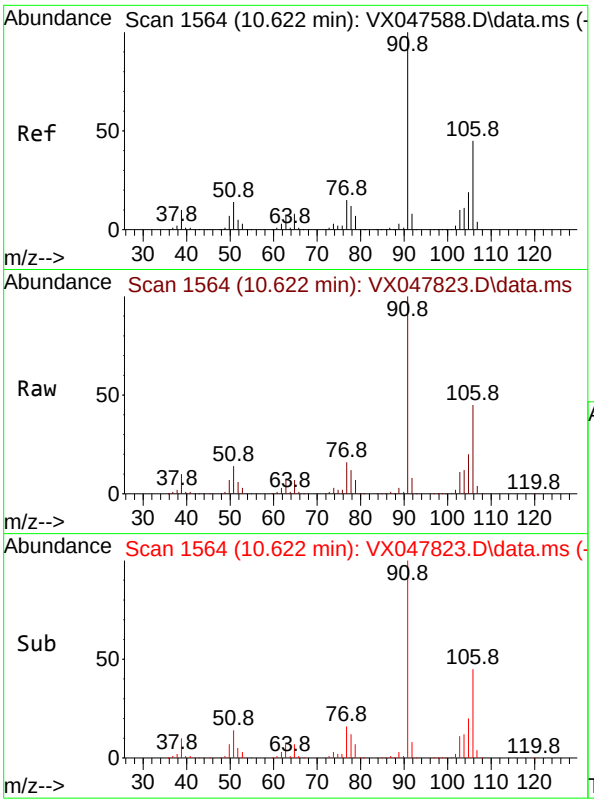


#68
m/p-Xylenes
Concen: 102.531 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:106 Resp: 339855

Ion	Ratio	Lower	Upper
106	100		
91	204.9	167.8	251.8



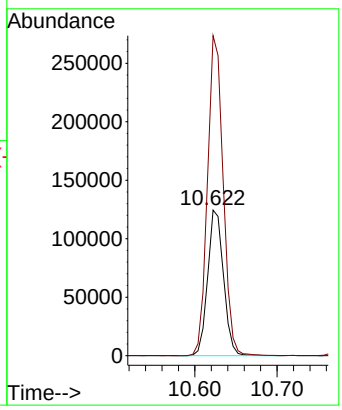


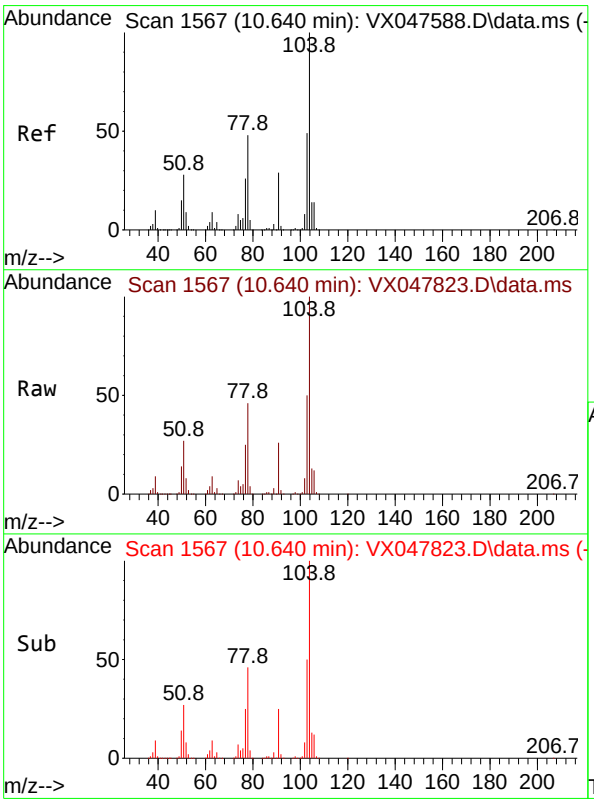
#69
o-Xylene
Concen: 51.944 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 166533

Ion	Ratio	Lower	Upper
106	100		
91	218.0	111.1	333.4

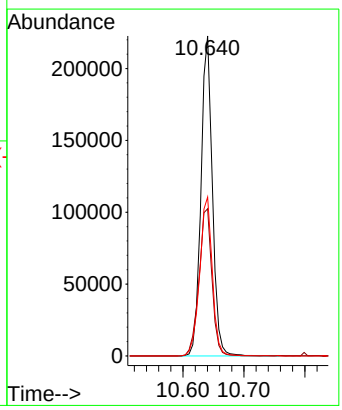


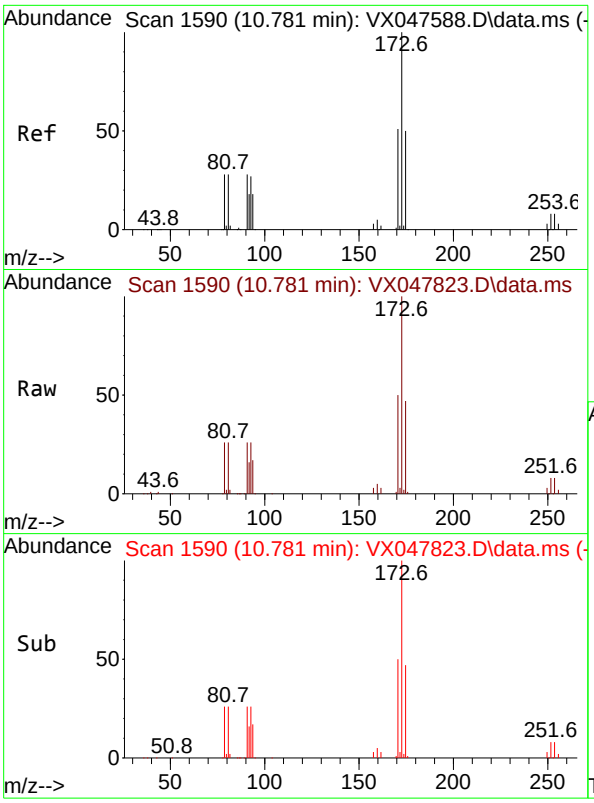


#70
Styrene
Concen: 51.778 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:104 Resp: 290866

Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.1	64.7
103	54.9	43.1	64.7



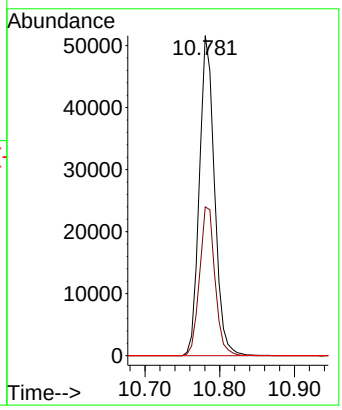


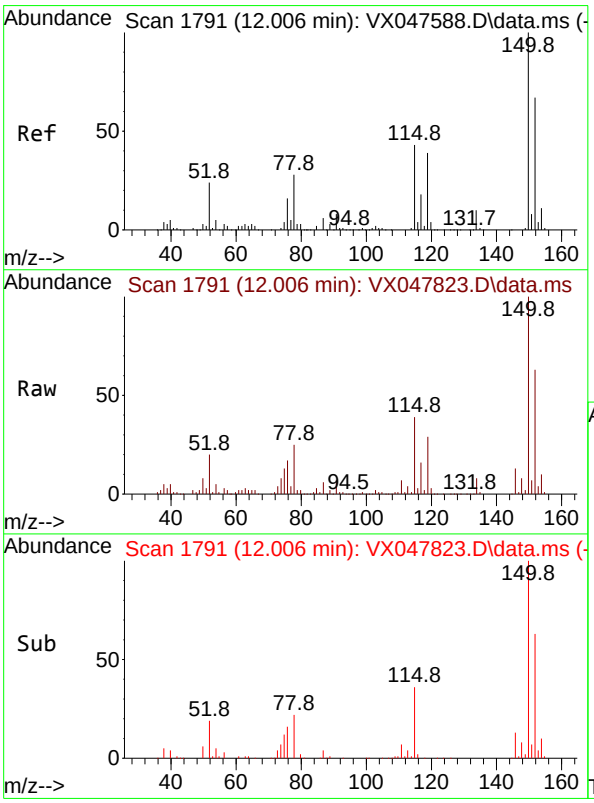
#71
Bromoform
Concen: 54.510 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 72491

Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.9	74.6
254	0.0	0.1	0.1#

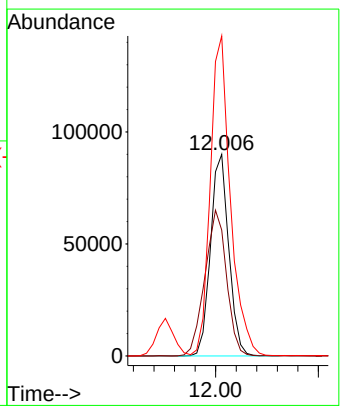


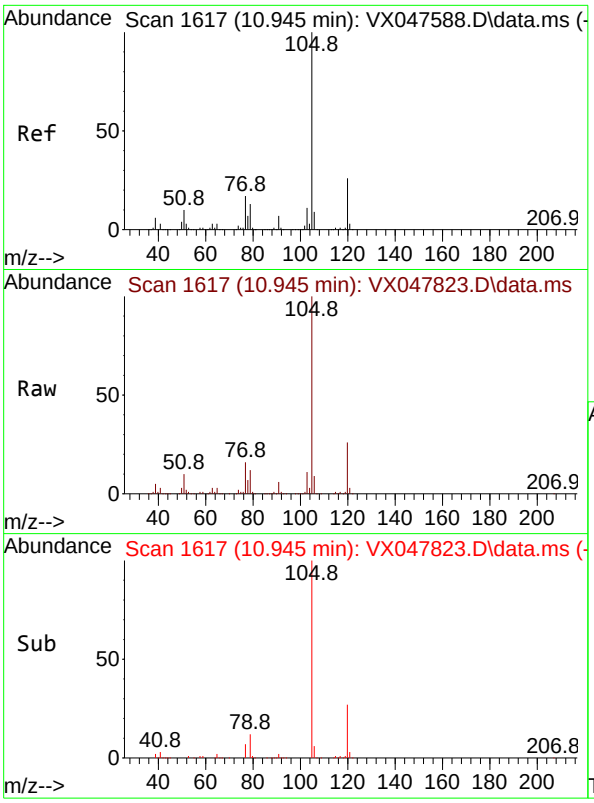


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:152 Resp: 111205

Ion	Ratio	Lower	Upper
152	100		
115	85.8	44.9	134.5
150	174.1	0.0	352.0



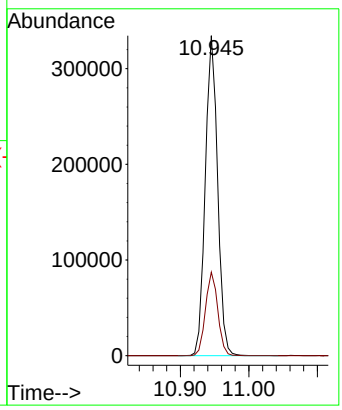


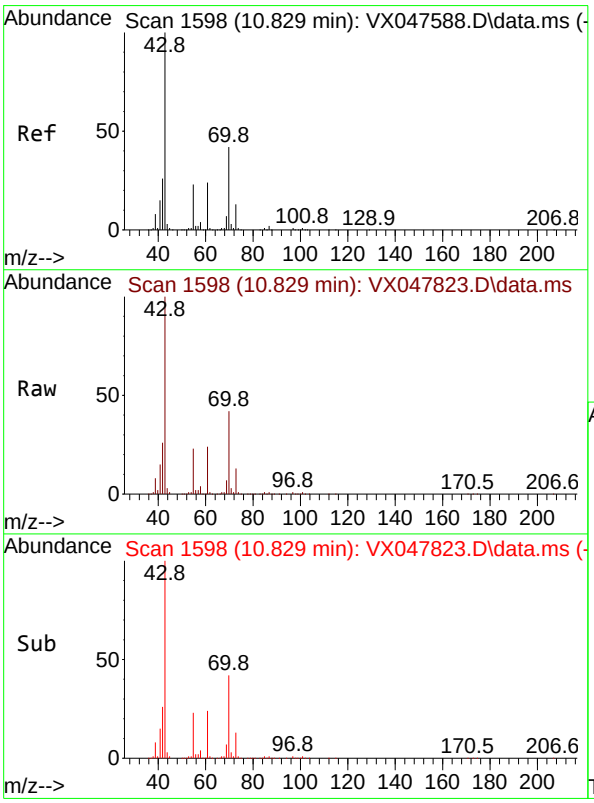
#73
Isopropylbenzene
Concen: 49.442 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 418008

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4

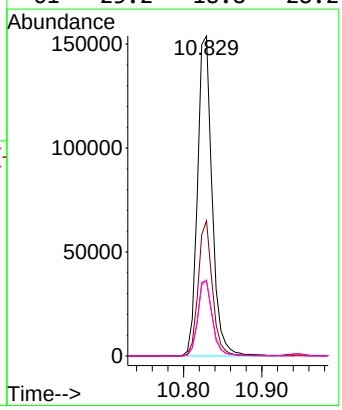


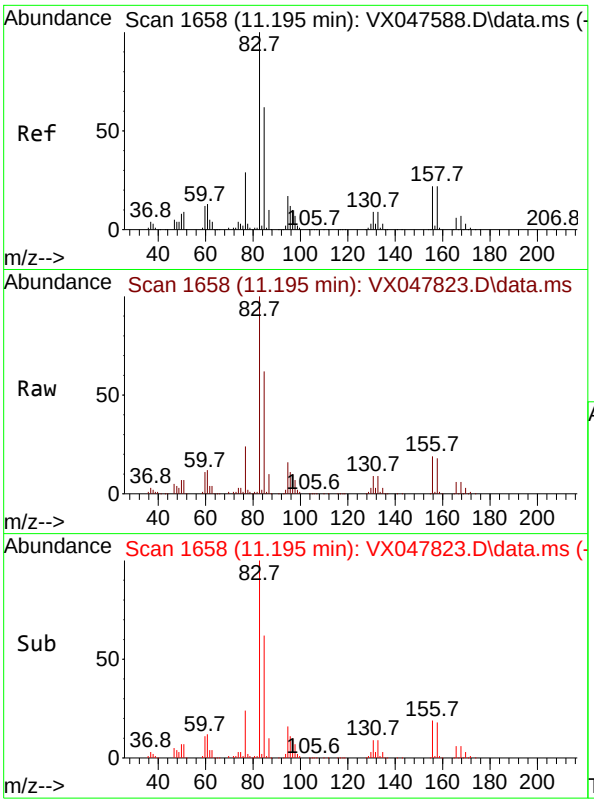


#74
N-amyl acetate
Concen: 51.849 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 199899

Ion	Ratio	Lower	Upper
43	100		
70	41.0	32.0	48.0
55	23.8	18.9	28.3
61	23.2	18.8	28.2



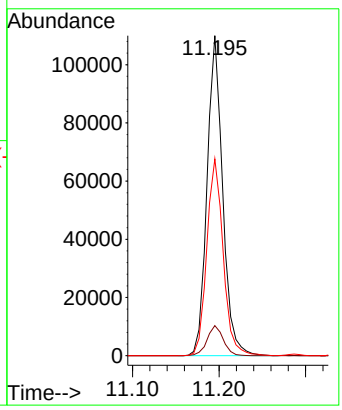


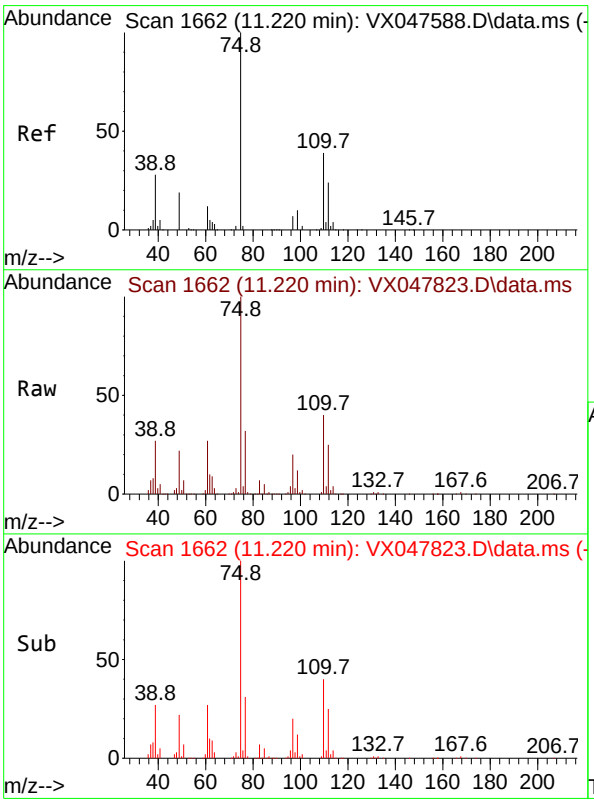
#75
1,1,2,2-Tetrachloroethane
Concen: 53.895 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 137858

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	14.9
85	64.4	31.6	95.0

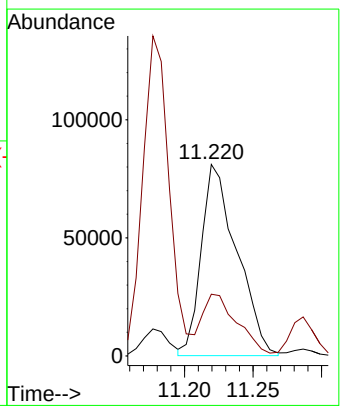


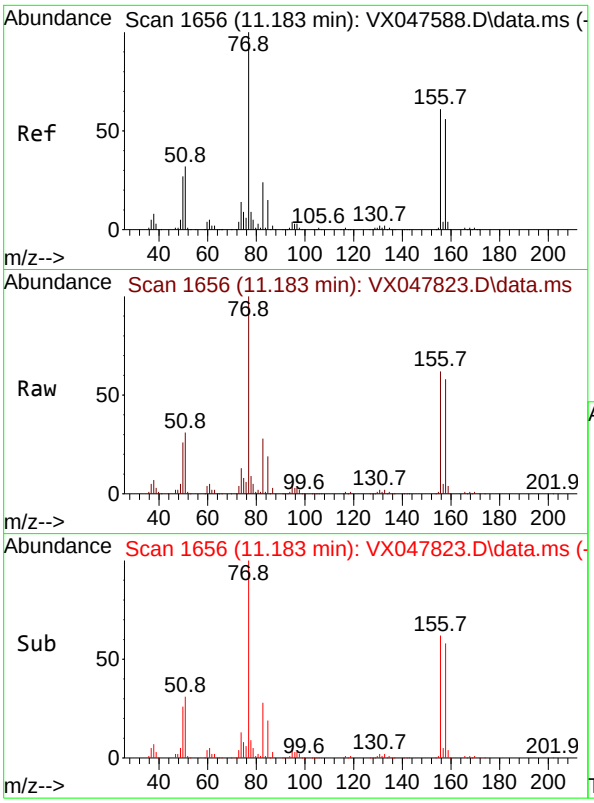


#76
1,2,3-Trichloropropane
Concen: 65.129 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 146642

Ion	Ratio	Lower	Upper
75	100		
77	31.2	18.8	56.4



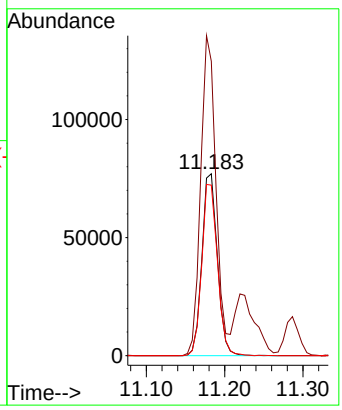


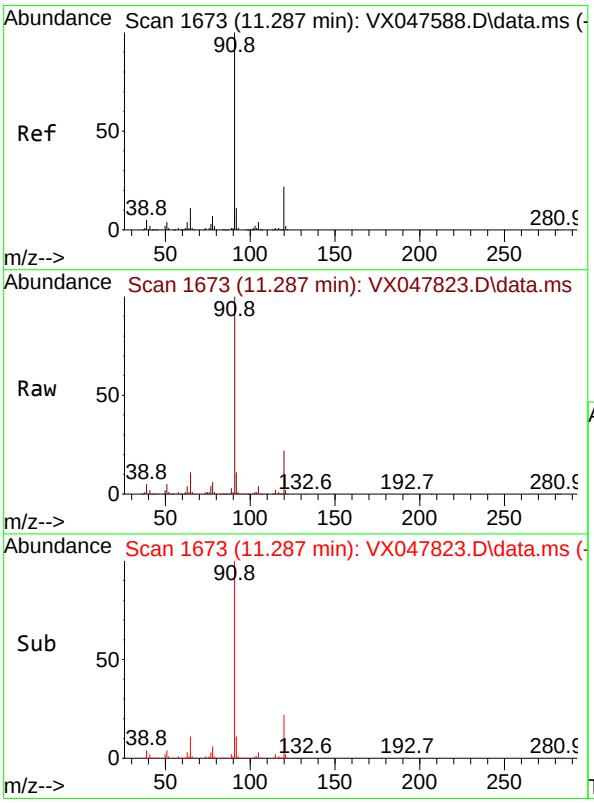
#77
Bromobenzene
Concen: 50.576 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 105313

Ion	Ratio	Lower	Upper
156	100		
77	175.2	89.7	269.1
158	95.9	47.9	143.6

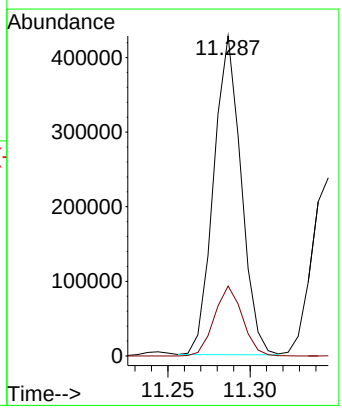


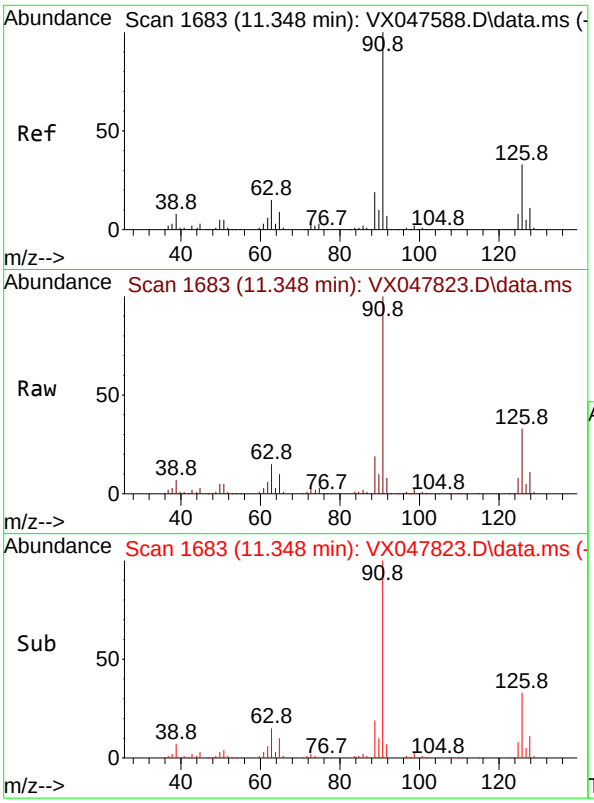


#78
n-propylbenzene
Concen: 49.701 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 91 Resp: 496726

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1



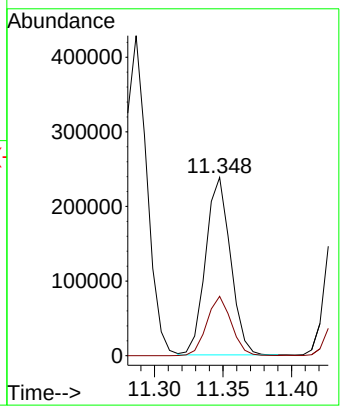


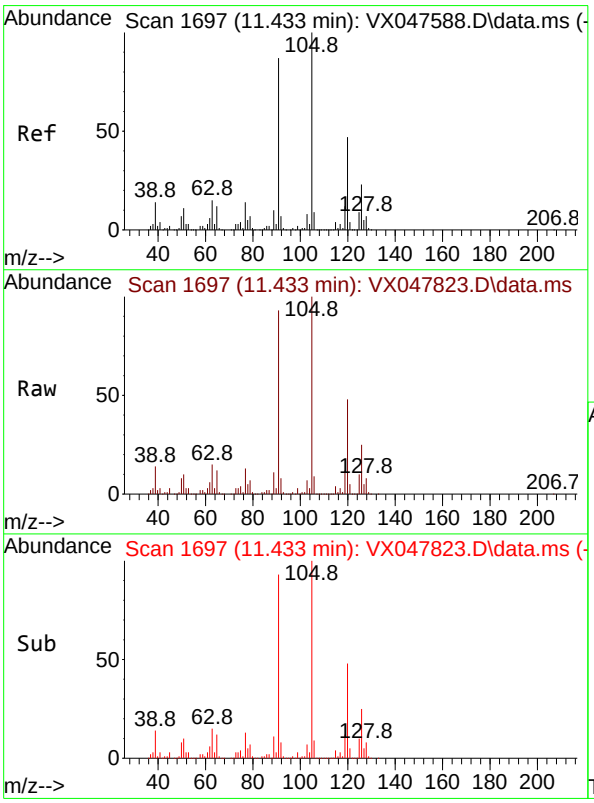
#79
2-Chlorotoluene
Concen: 49.240 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 301415

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.1	48.3

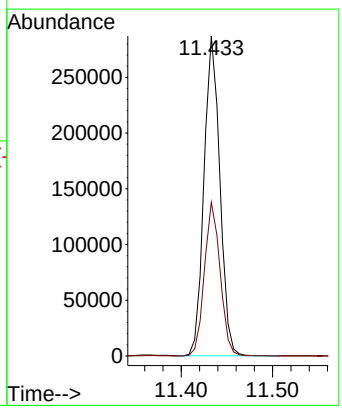


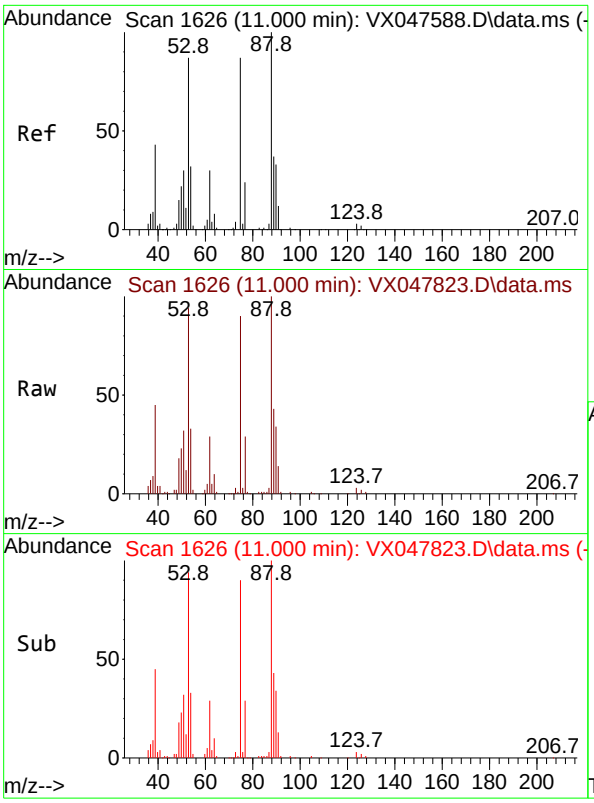


#80
1,3,5-Trimethylbenzene
Concen: 49.685 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:105 Resp: 345119

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.6	70.8



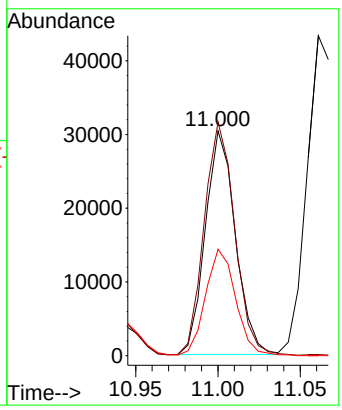


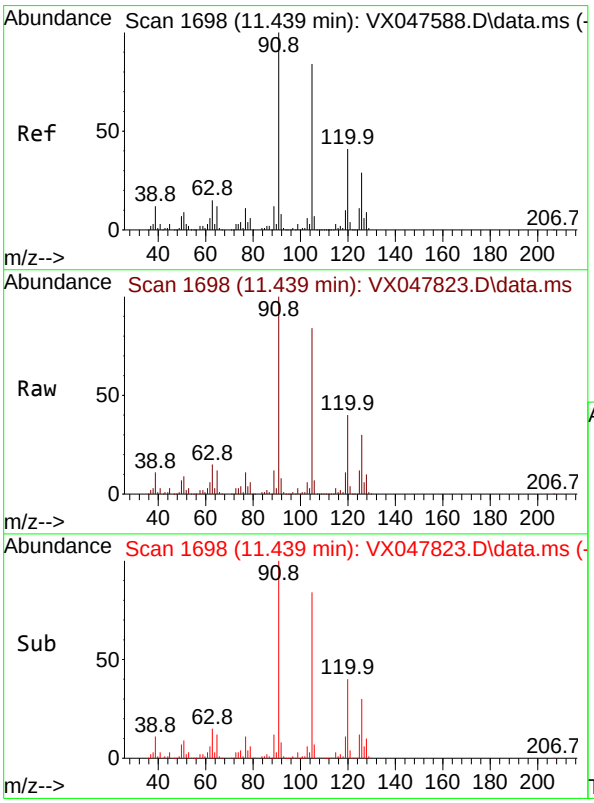
#81
trans-1,4-Dichloro-2-butene
Concen: 43.621 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 38514

Ion	Ratio	Lower	Upper
75	100		
53	106.1	83.4	125.2
89	47.8	36.3	54.5

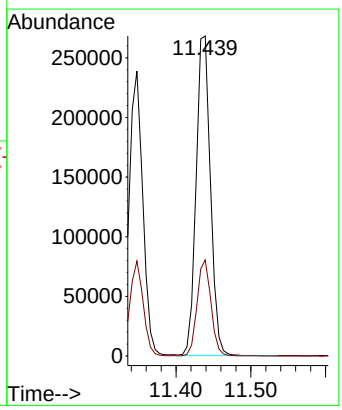


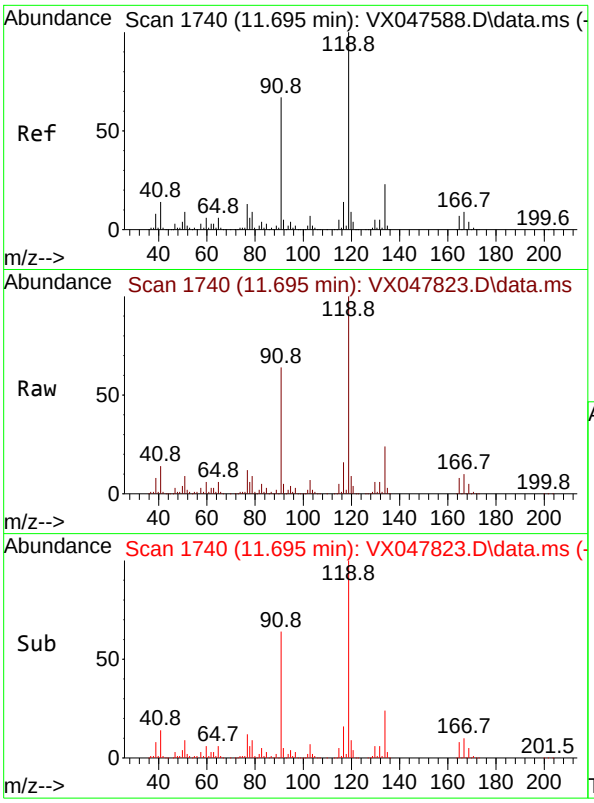


#82
4-Chlorotoluene
Concen: 49.368 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 91 Resp: 356913

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.2	42.6



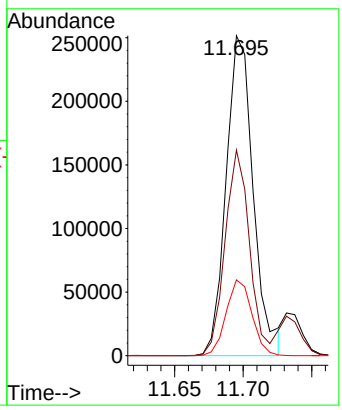


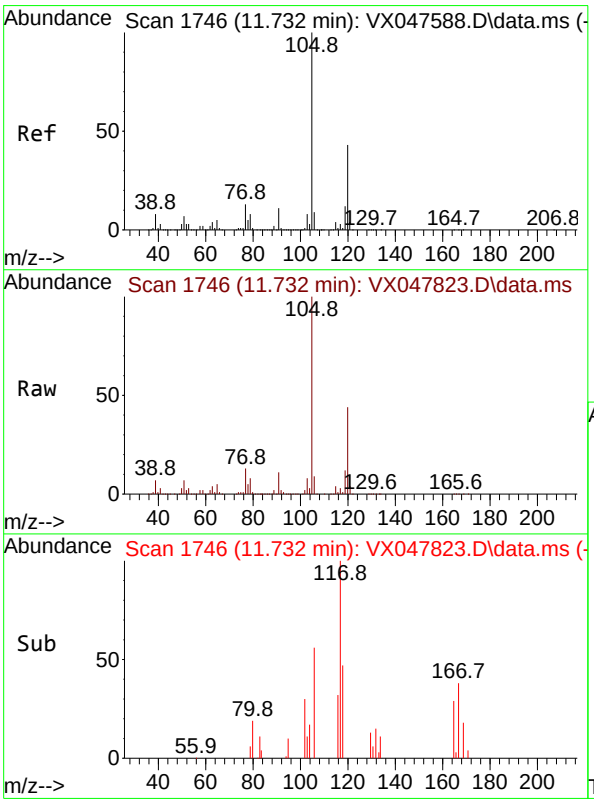
#83
tert-Butylbenzene
Concen: 48.736 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 346541

Ion	Ratio	Lower	Upper
119	100		
91	58.1	29.6	88.8
134	22.5	11.0	33.0

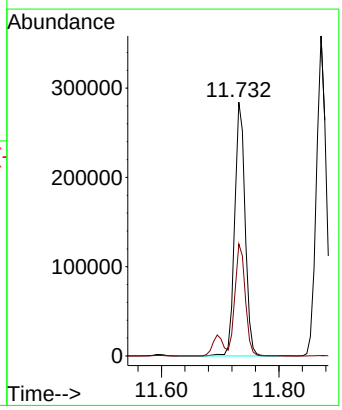


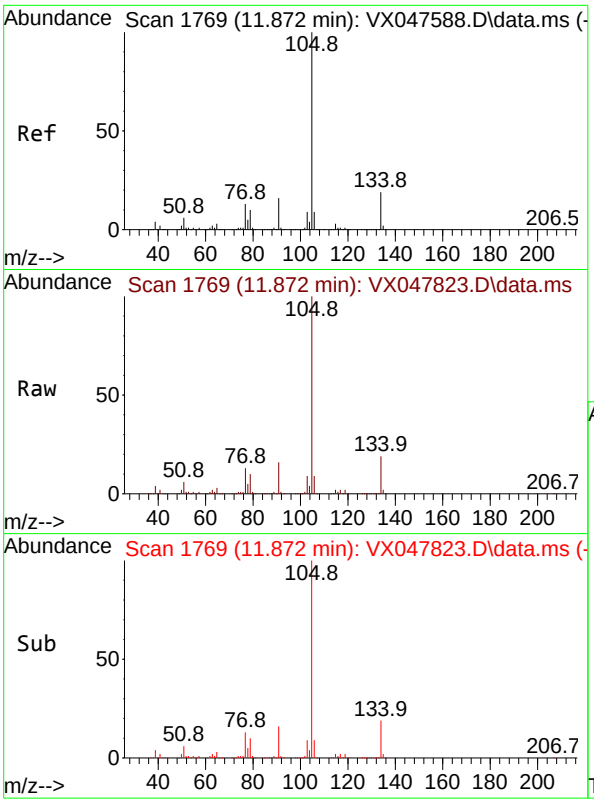


#84
1,2,4-Trimethylbenzene
Concen: 49.770 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:105 Resp: 350492

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1



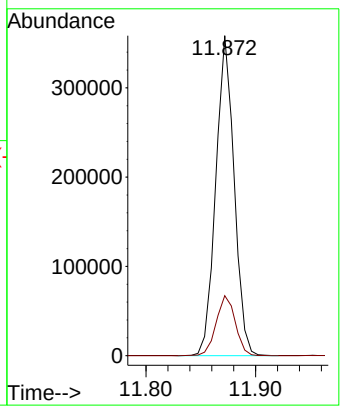


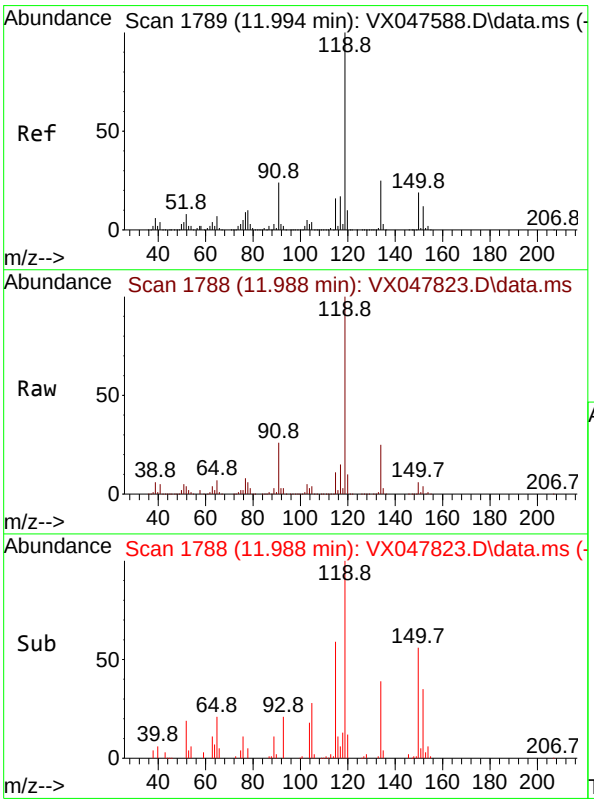
#85
sec-Butylbenzene
Concen: 49.318 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 416534

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

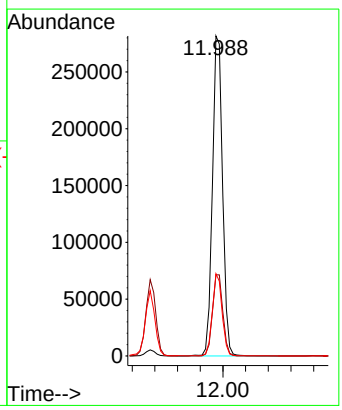


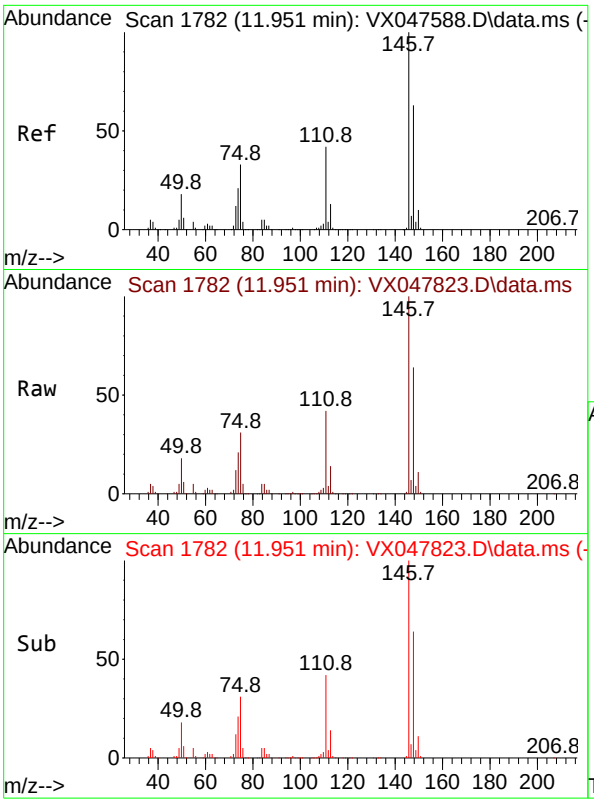


#86
p-Isopropyltoluene
Concen: 48.843 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:119 Resp: 349248

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.6	37.8
91	24.8	12.6	37.6



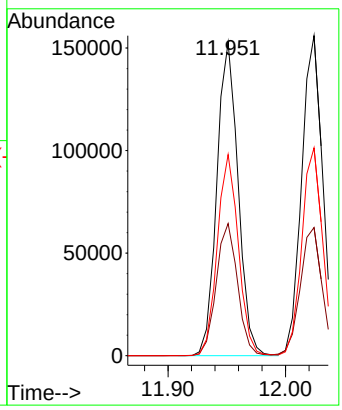


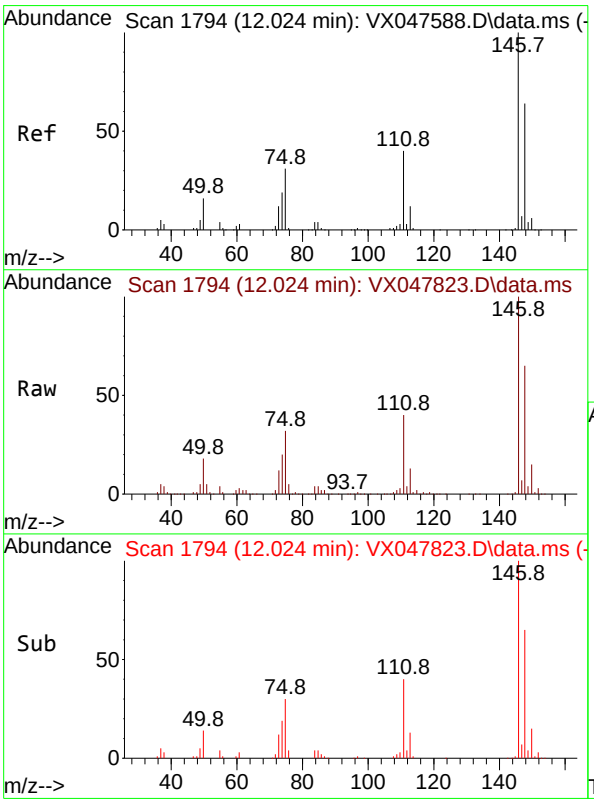
#87
1,3-Dichlorobenzene
Concen: 49.719 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 192298

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	63.6	32.0	96.0

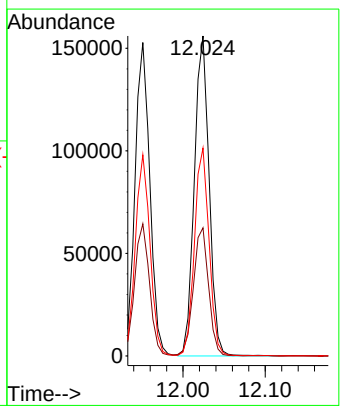


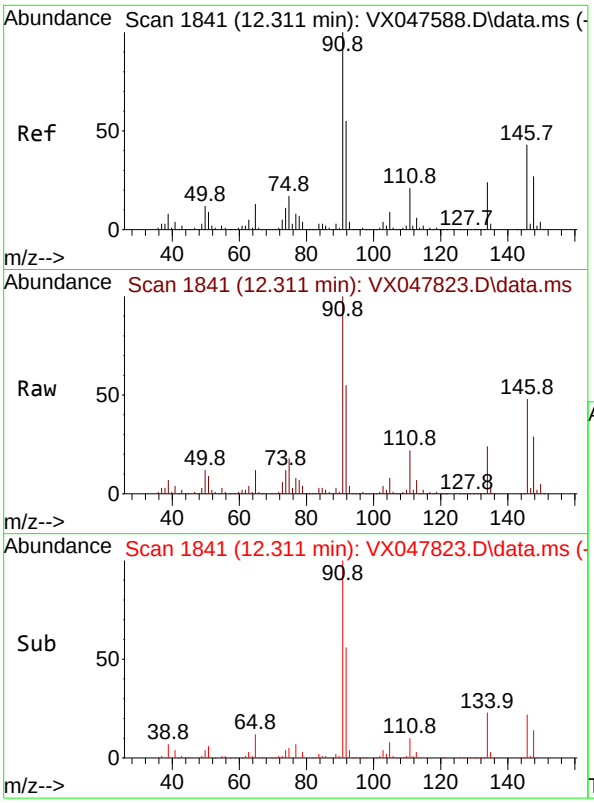


#88
1,4-Dichlorobenzene
Concen: 49.222 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:146 Resp: 195390

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.4
148	64.3	31.7	95.1



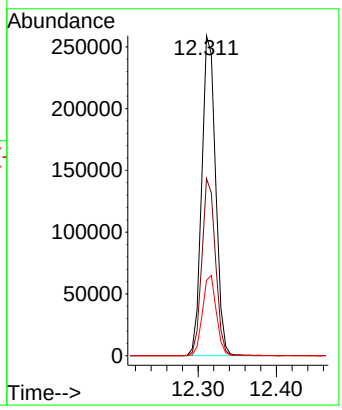


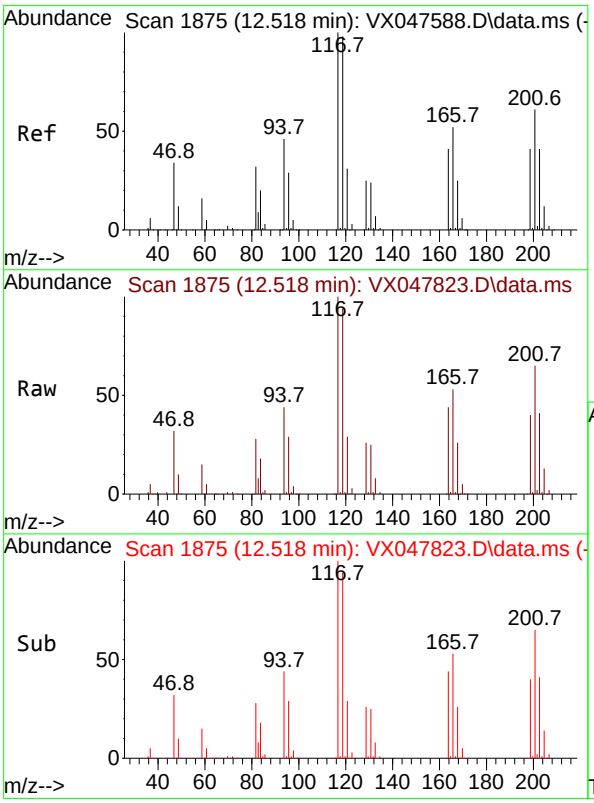
#89
n-Butylbenzene
Concen: 48.051 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 317918

Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.6	82.7
134	24.9	12.6	37.8

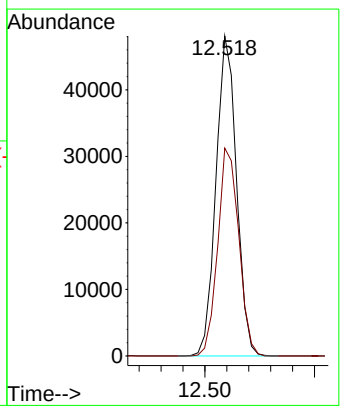


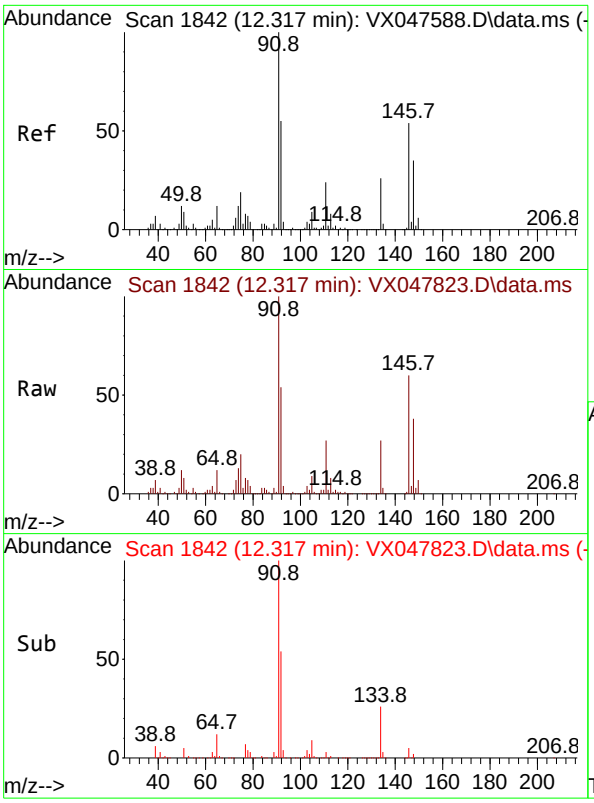


#90
Hexachloroethane
Concen: 49.811 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:117 Resp: 62532

Ion	Ratio	Lower	Upper
117	100		
201	66.9	34.2	102.5



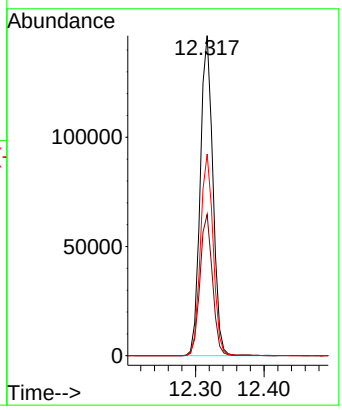


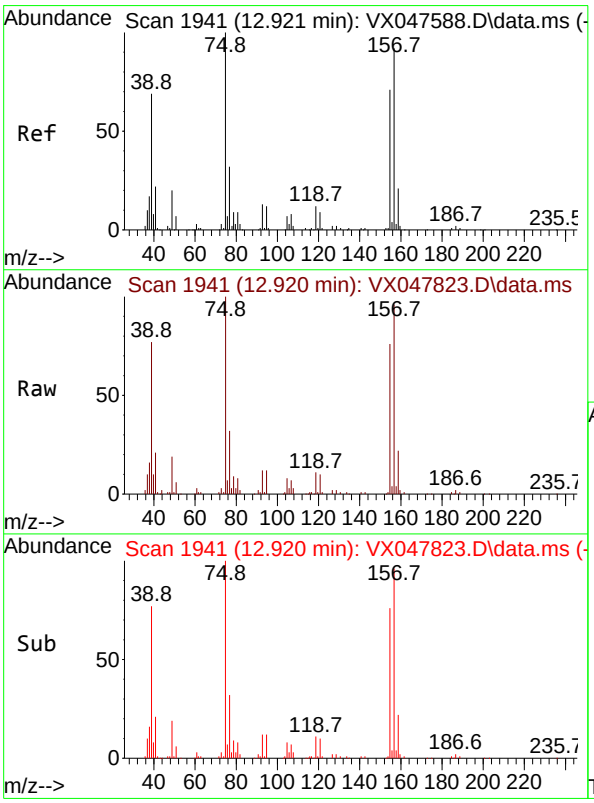
#91
1,2-Dichlorobenzene
Concen: 51.098 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 188283

Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.2	66.6
148	63.3	31.8	95.4

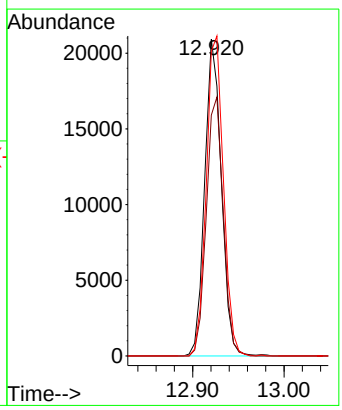


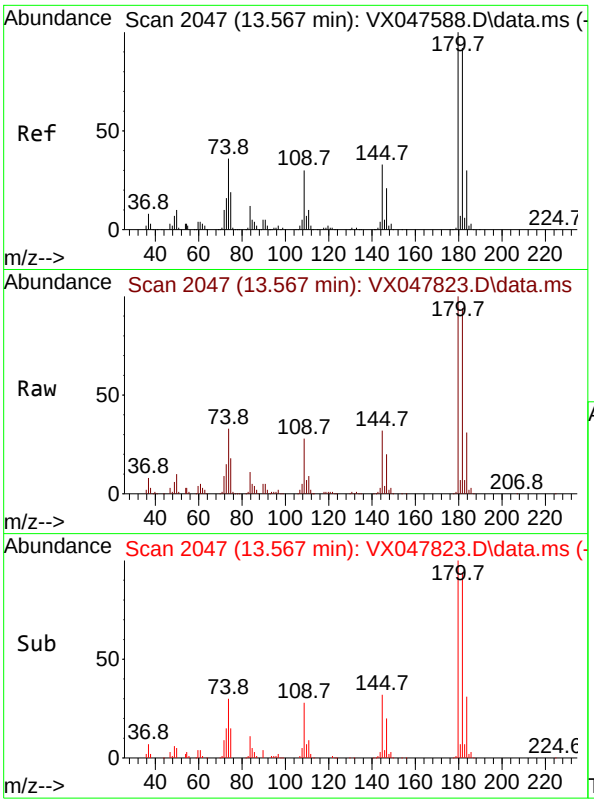


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.962 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 26392

Ion	Ratio	Lower	Upper
75	100		
155	83.3	37.7	113.1
157	103.8	49.8	149.4



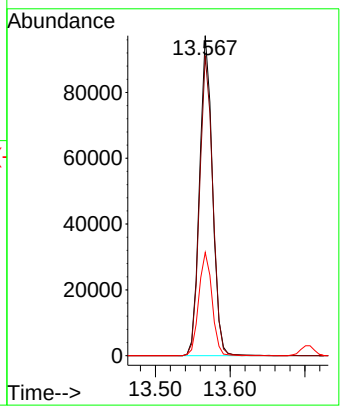


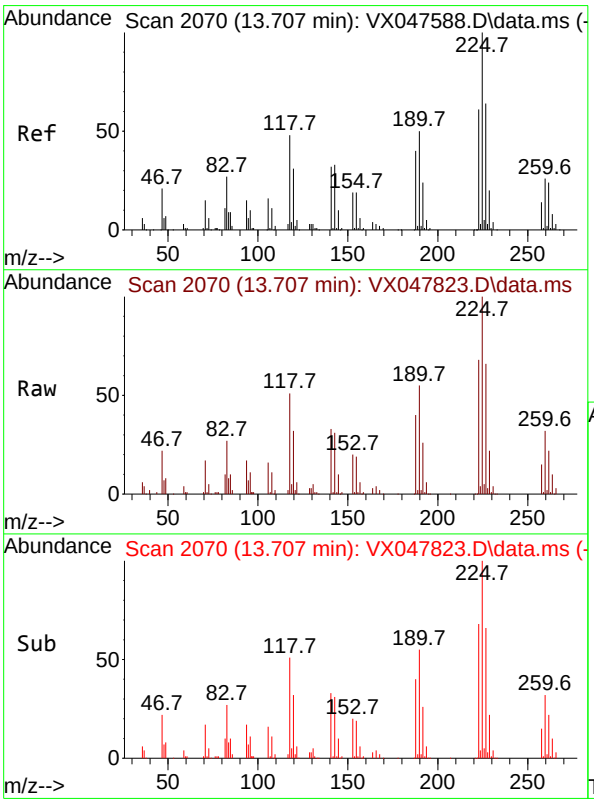
#93
1,2,4-Trichlorobenzene
Concen: 48.516 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 116183

Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.6	139.8
145	33.1	16.4	49.1

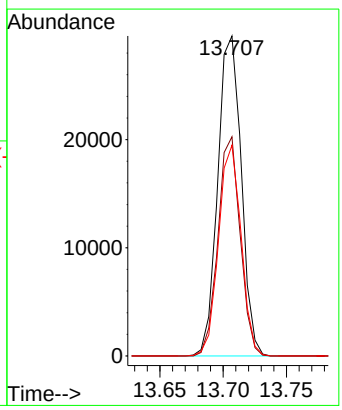


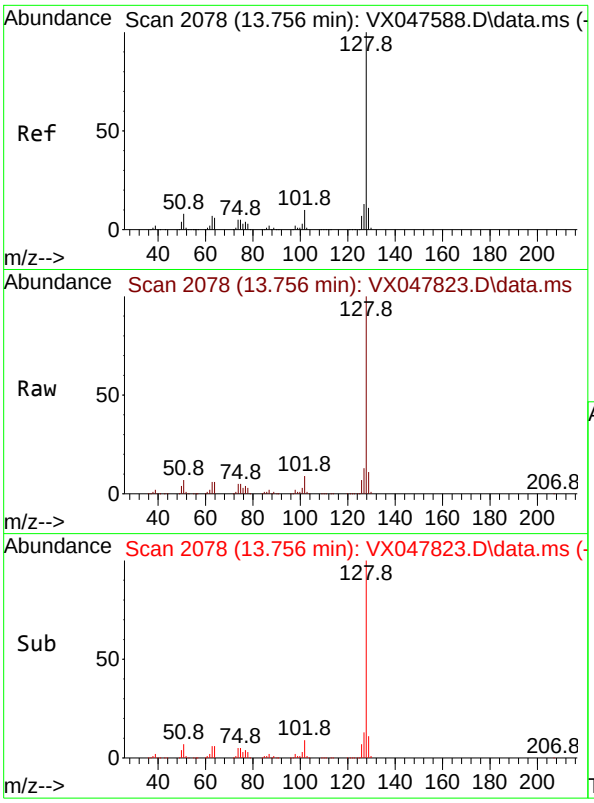


#94
Hexachlorobutadiene
Concen: 46.880 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:225 Resp: 38133

Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.7	95.1
227	63.1	32.0	96.0



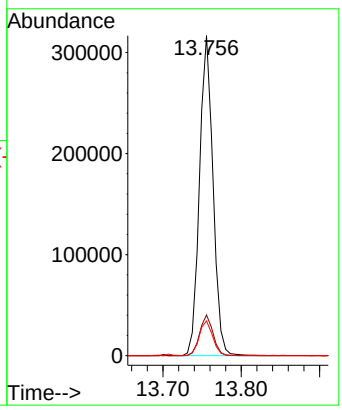


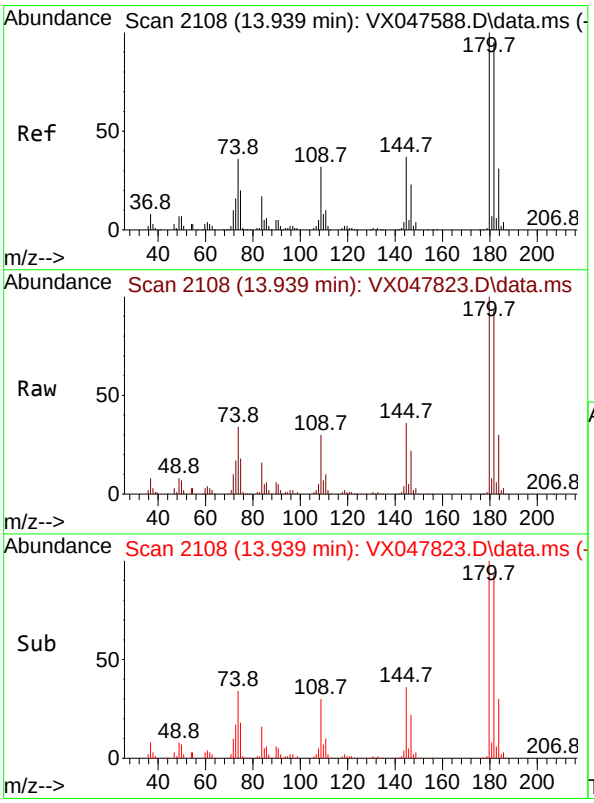
#95
Naphthalene
Concen: 52.100 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 379925

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.8	13.2

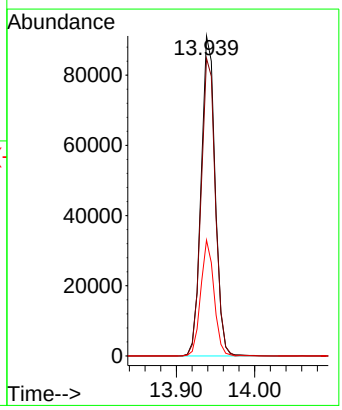




#96
1,2,3-Trichlorobenzene
Concen: 50.796 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:180 Resp: 113155

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.8
145	34.5	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	136987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	247384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	222999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105392	48.334	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.660%		
35) Dibromofluoromethane	5.373	113	82885	49.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.920%		
50) Toluene-d8	8.635	98	280831	48.919	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.840%		
62) 4-Bromofluorobenzene	11.061	95	107959	49.551	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	77272	54.474	ug/l	96
3) Chloromethane	1.301	50	93625	50.219	ug/l	98
4) Vinyl Chloride	1.380	62	94805	51.949	ug/l	97
5) Bromomethane	1.611	94	52232	45.135	ug/l	96
6) Chloroethane	1.691	64	59882	49.094	ug/l	99
7) Trichlorofluoromethane	1.892	101	134828	49.757	ug/l	99
8) Diethyl Ether	2.136	74	58285	52.582	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	78502	49.545	ug/l	99
10) Methyl Iodide	2.453	142	117167	47.415	ug/l	99
11) Tert butyl alcohol	2.947	59	67304	277.144	ug/l	100
12) 1,1-Dichloroethene	2.325	96	82336	50.589	ug/l	96
13) Acrolein	2.233	56	22658	101.247	ug/l	99
14) Allyl chloride	2.666	41	144973	43.166	ug/l	96
15) Acrylonitrile	3.056	53	264200	293.710	ug/l	99
16) Acetone	2.374	43	212815	224.469	ug/l	97
17) Carbon Disulfide	2.514	76	230237	51.674	ug/l	98
18) Methyl Acetate	2.697	43	128022	60.675	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	308620	51.945	ug/l	97
20) Methylene Chloride	2.788	84	102627	51.139	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	90348	51.561	ug/l	93
22) Diisopropyl ether	3.751	45	338264	51.970	ug/l	89
23) Vinyl Acetate	3.715	43	1377154	264.363	ug/l	99
24) 1,1-Dichloroethane	3.605	63	178398	51.567	ug/l	98
25) 2-Butanone	4.538	43	324013	273.980	ug/l	98
26) 2,2-Dichloropropane	4.465	77	90626	31.514	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	110397	51.445	ug/l	94
28) Bromochloromethane	4.891	49	80199	53.101	ug/l	98
29) Tetrahydrofuran	4.989	42	205975	289.521	ug/l	99
30) Chloroform	5.080	83	182347	52.160	ug/l	100
31) Cyclohexane	5.464	56	136934	47.524	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	148485	50.074	ug/l	99
36) 1,1-Dichloropropene	5.684	75	116396	48.012	ug/l	99
37) Ethyl Acetate	4.702	43	146310	56.365	ug/l	98
38) Carbon Tetrachloride	5.666	117	126782	48.132	ug/l	95
39) Methylcyclohexane	7.367	83	128784	46.798	ug/l	96
40) Benzene	6.025	78	373725	50.755	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	74858	55.861	ug/l		99
42) 1,2-Dichloroethane	6.074	62	137539	49.092	ug/l		99
43) Isopropyl Acetate	6.324	43	223898	52.593	ug/l		98
44) Trichloroethene	7.111	130	90017	50.566	ug/l		96
45) 1,2-Dichloropropane	7.415	63	98686	52.341	ug/l		98
46) Dibromomethane	7.568	93	71190	51.886	ug/l		97
47) Bromodichloromethane	7.806	83	146520	51.750	ug/l		96
48) Methyl methacrylate	7.677	41	114743	54.110	ug/l		98
49) 1,4-Dioxane	7.653	88	30476	1422.082	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	679821	288.013	ug/l		100
52) Toluene	8.702	92	230579	50.827	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	139482	48.298	ug/l		96
54) cis-1,3-Dichloropropene	8.348	75	148166	48.000	ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	93484	53.442	ug/l		98
56) Ethyl methacrylate	9.104	69	149303	54.348	ug/l		96
57) 1,3-Dichloropropane	9.293	76	162085	53.940	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	343671	261.058	ug/l		99
59) 2-Hexanone	9.415	43	480443	283.408	ug/l		99
60) Dibromochloromethane	9.506	129	110299	54.724	ug/l		100
61) 1,2-Dibromoethane	9.592	107	97882	54.937	ug/l		99
64) Tetrachloroethene	9.256	164	74716	51.396	ug/l		99
65) Chlorobenzene	10.061	112	255860	50.504	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.147	131	91400	52.283	ug/l		99
67) Ethyl Benzene	10.177	91	438472	50.162	ug/l		100
68) m/p-Xylenes	10.287	106	328712	101.032	ug/l		98
69) o-Xylene	10.622	106	160936	51.141	ug/l		97
70) Styrene	10.640	104	284190	51.539	ug/l		98
71) Bromoform	10.781	173	71220	54.560	ug/l	#	98
73) Isopropylbenzene	10.945	105	403833	48.122	ug/l		99
74) N-amyl acetate	10.823	43	195791	51.163	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	136550	53.782	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	144417	64.620	ug/l		88
77) Bromobenzene	11.183	156	102475	49.580	ug/l		98
78) n-propylbenzene	11.287	91	479279	48.313	ug/l		99
79) 2-Chlorotoluene	11.348	91	294446	48.461	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	335826	48.708	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	34412	39.266	ug/l		97
82) 4-Chlorotoluene	11.439	91	345097	48.090	ug/l		99
83) tert-Butylbenzene	11.695	119	338797	48.002	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	339850	48.619	ug/l		100
85) sec-Butylbenzene	11.872	105	403354	48.114	ug/l		100
86) p-Isopropyltoluene	11.994	119	339026	47.768	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	187911	48.948	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	190488	48.345	ug/l		100
89) n-Butylbenzene	12.311	91	312663	47.610	ug/l		99
90) Hexachloroethane	12.518	117	60975	48.933	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	184316	50.395	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	27966	54.404	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	113843	47.893	ug/l		98
94) Hexachlorobutadiene	13.707	225	38404	47.565	ug/l		99
95) Naphthalene	13.756	128	384046	53.058	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	112747	50.990	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

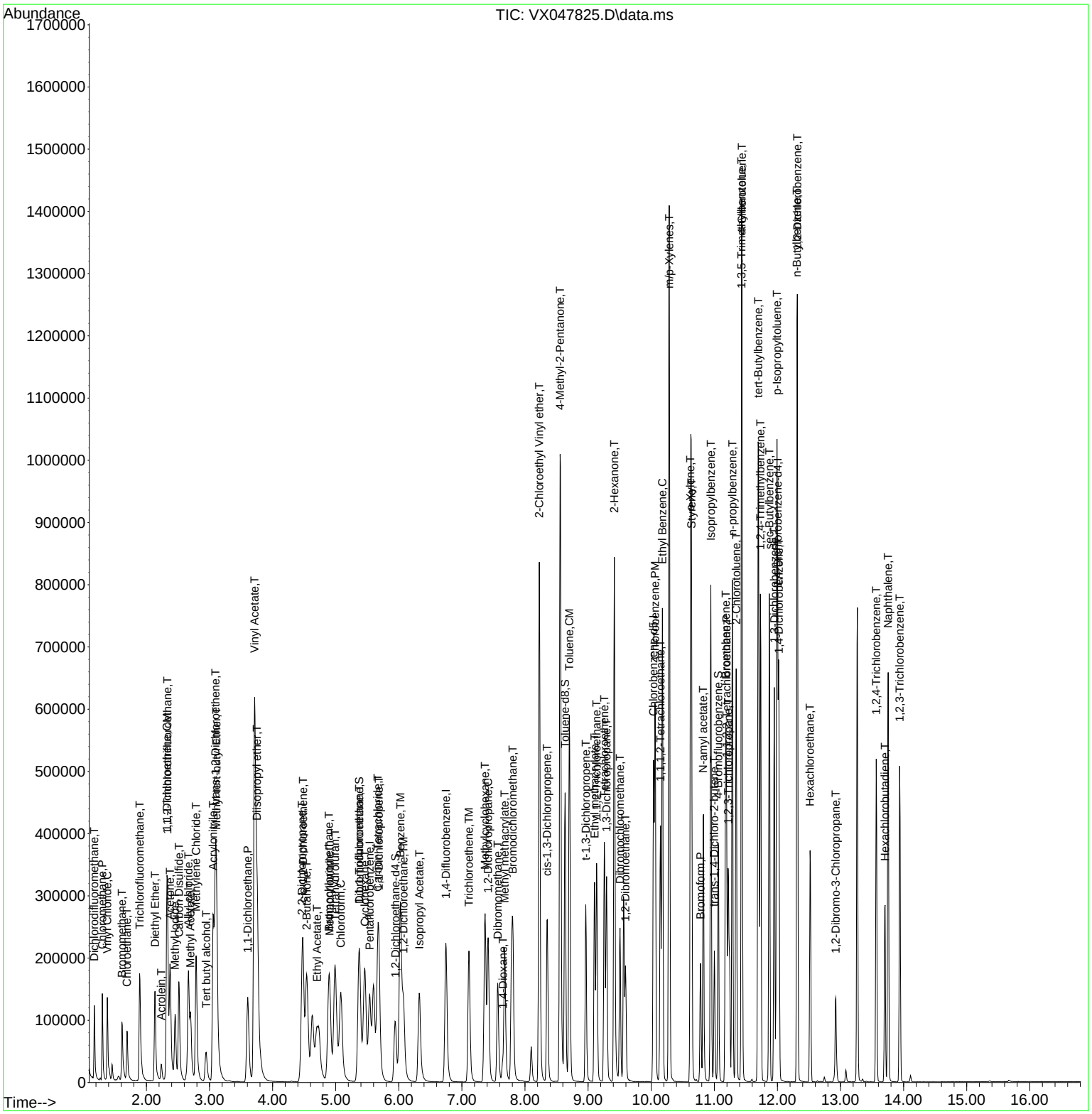
(#) = qualifier out of range (m) = manual integration (+) = signals summed

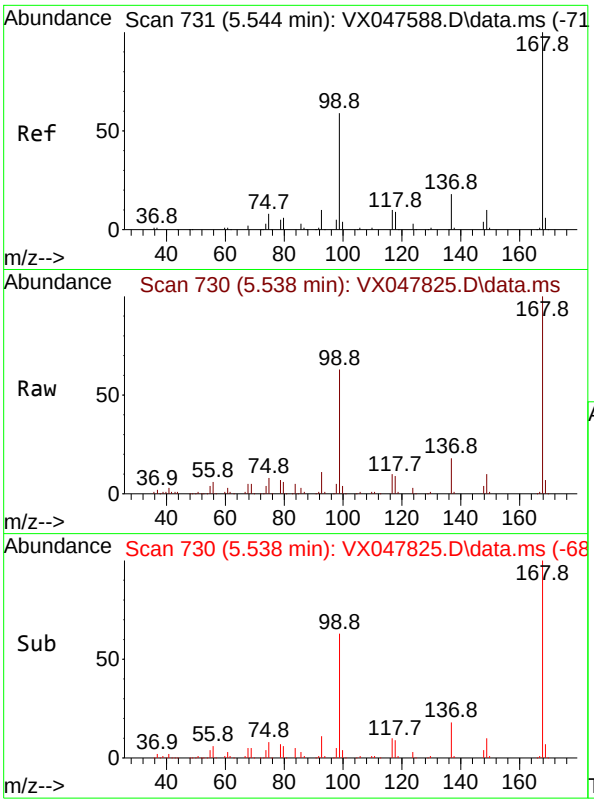
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047825.D
Acq On : 26 Sep 2025 01:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Sep 26 03:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



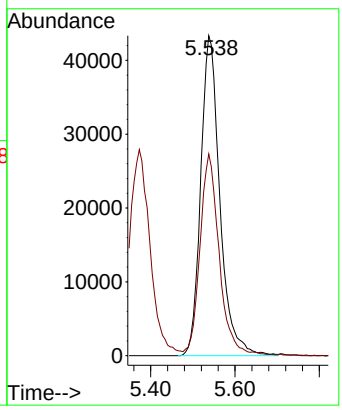


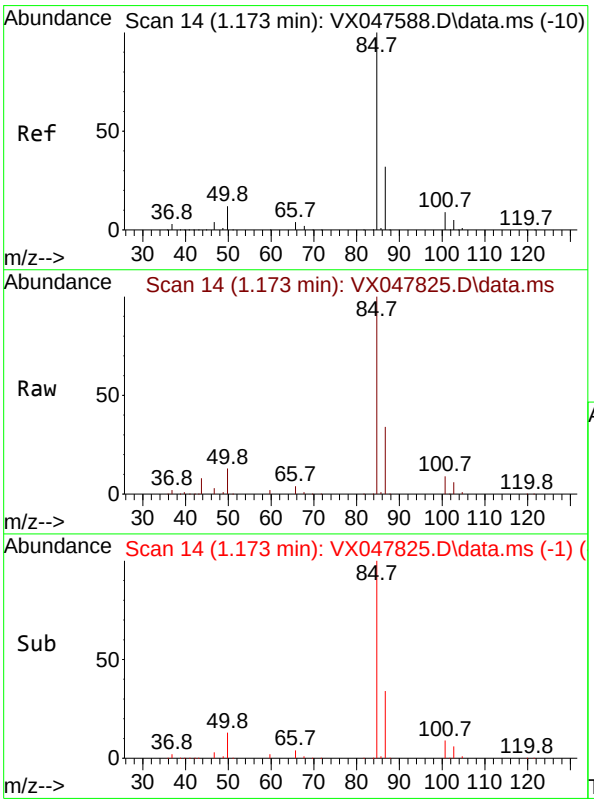
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 136987

Ion	Ratio	Lower	Upper
168	100		
99	62.7	48.8	73.2

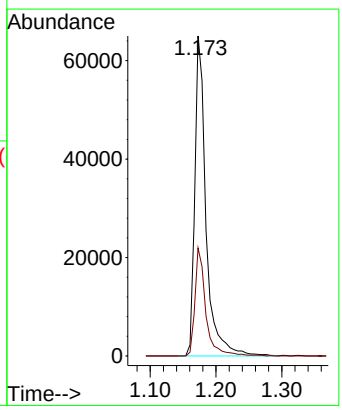


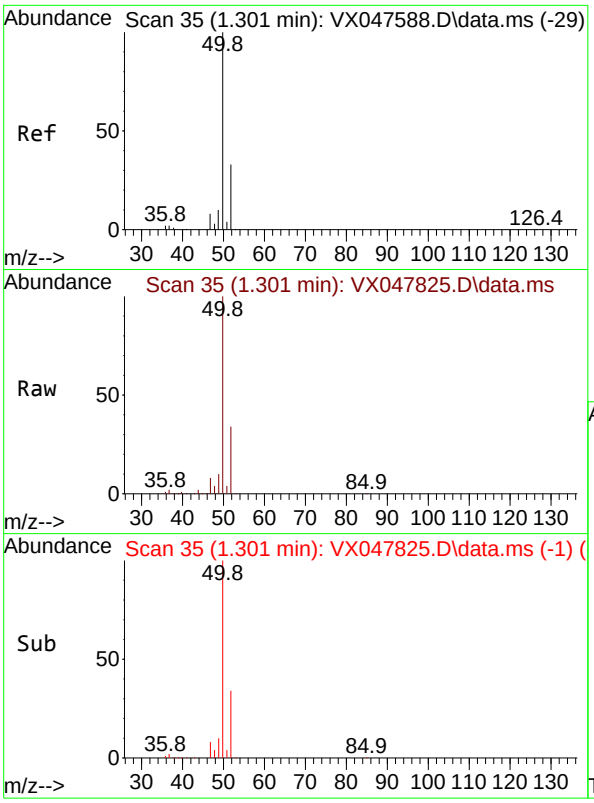


#2
Dichlorodifluoromethane
Concen: 54.474 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 85 Resp: 77272

Ion	Ratio	Lower	Upper
85	100		
87	33.7	15.8	47.3



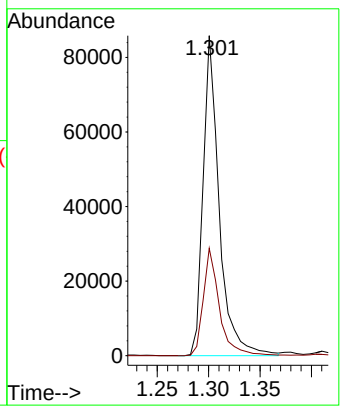


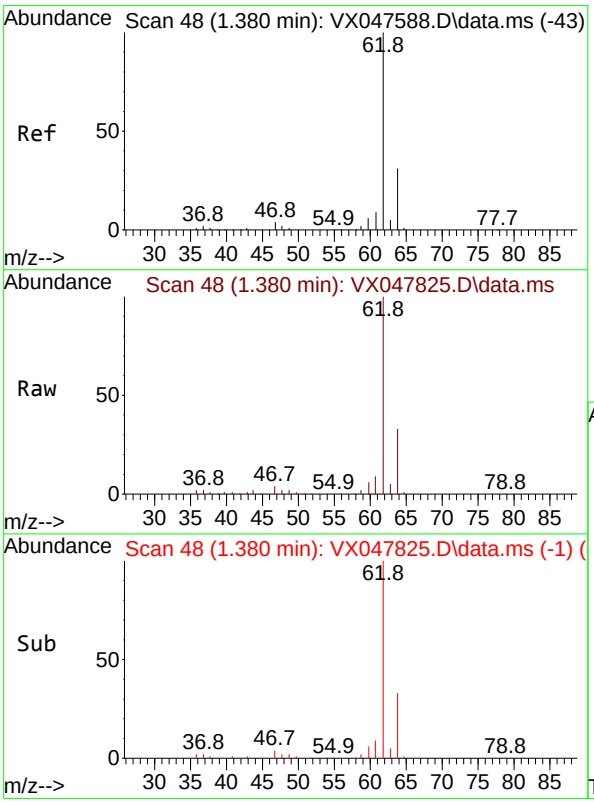
#3
Chloromethane
Concen: 50.219 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 93625

Ion	Ratio	Lower	Upper
50	100		
52	33.6	26.1	39.1

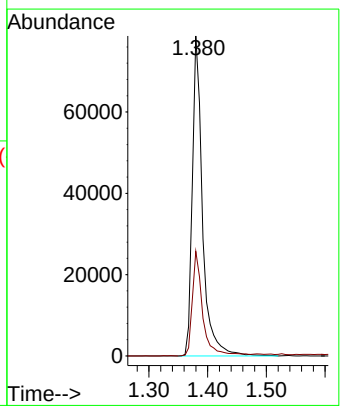


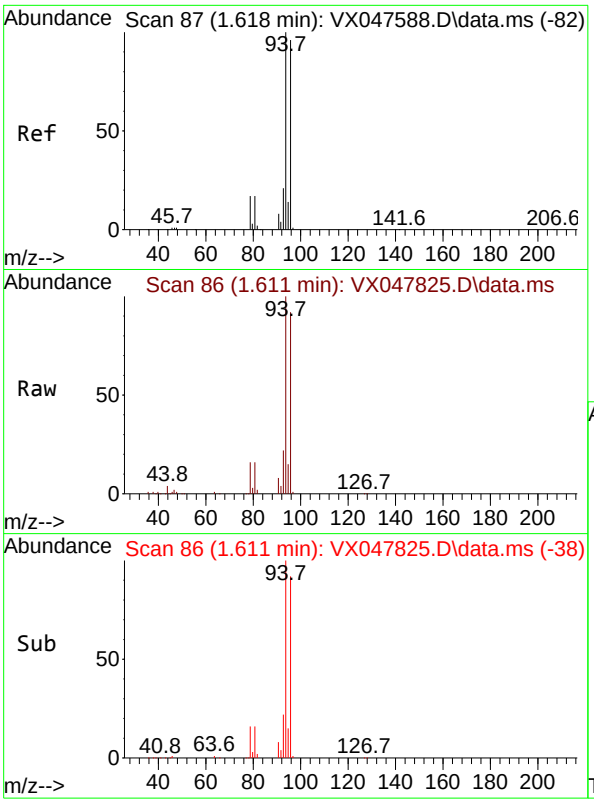


#4
Vinyl Chloride
Concen: 51.949 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 62 Resp: 94805

Ion	Ratio	Lower	Upper
62	100		
64	32.7	24.9	37.3



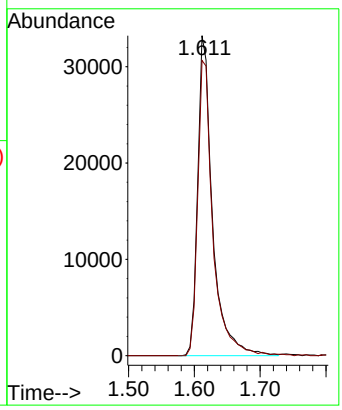


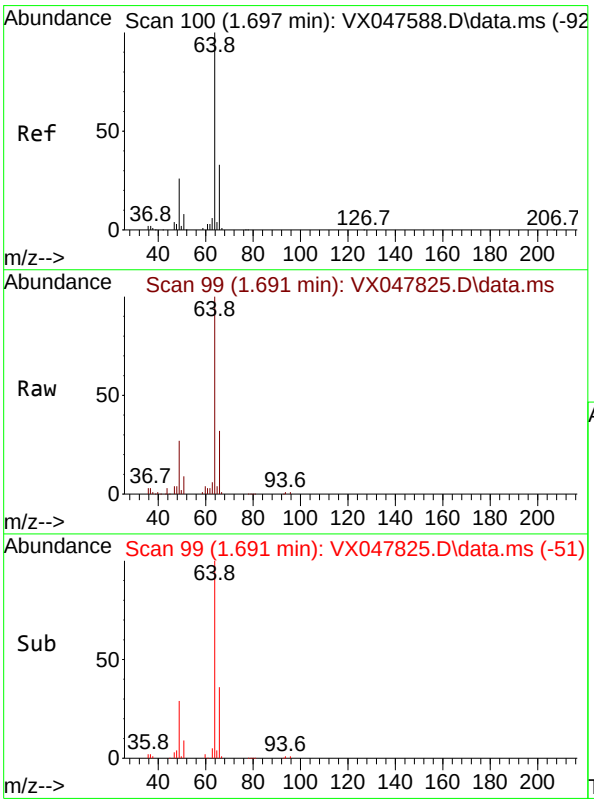
#5
Bromomethane
Concen: 45.135 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 52232

Ion	Ratio	Lower	Upper
94	100		
96	92.2	76.6	115.0

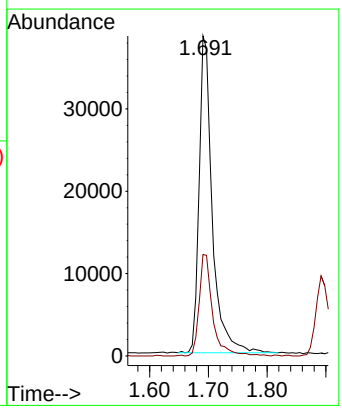


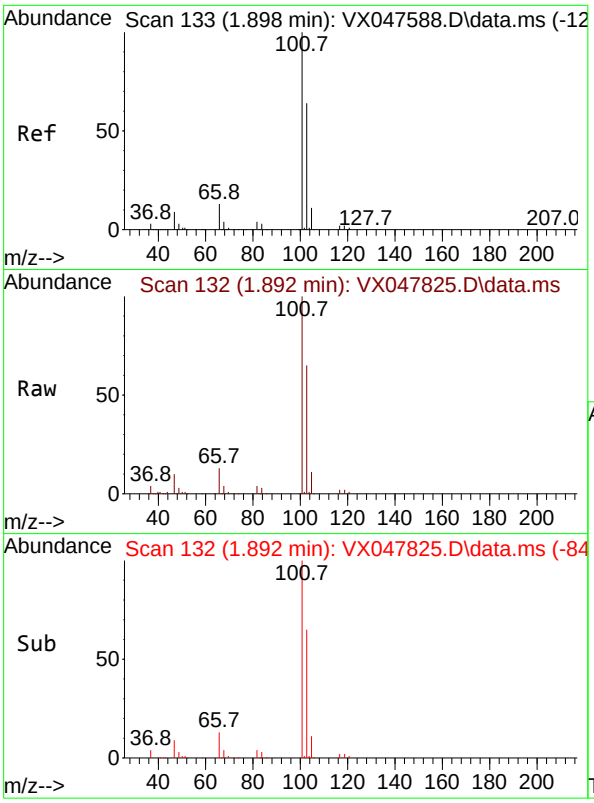


#6
Chloroethane
Concen: 49.094 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 64 Resp: 59882

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1



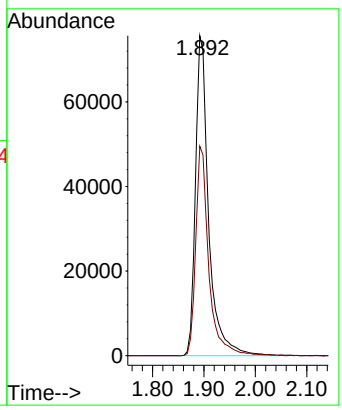


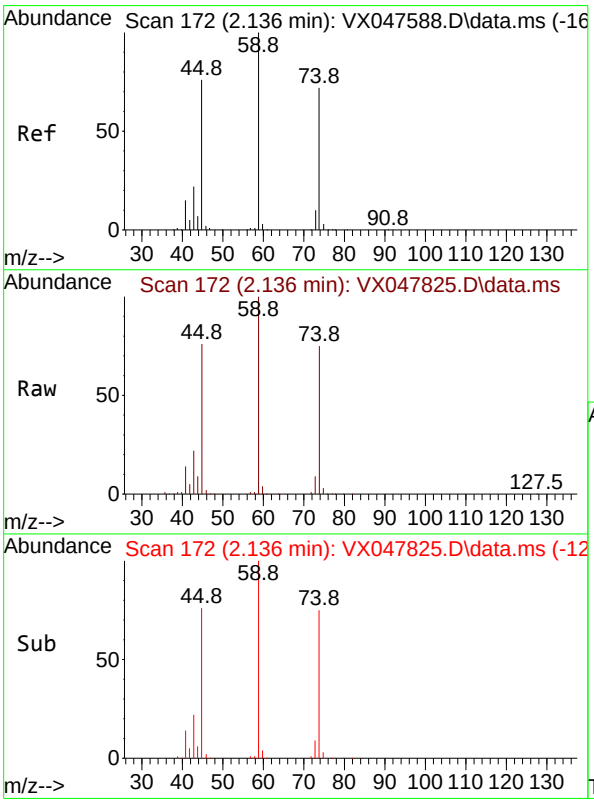
#7
Trichlorofluoromethane
Concen: 49.757 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 134828

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.4	77.2

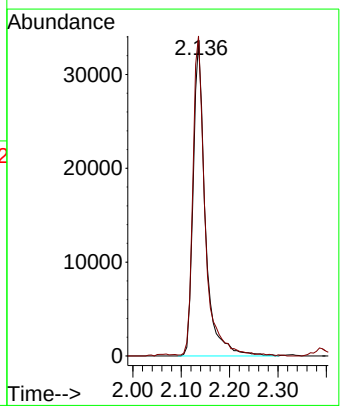


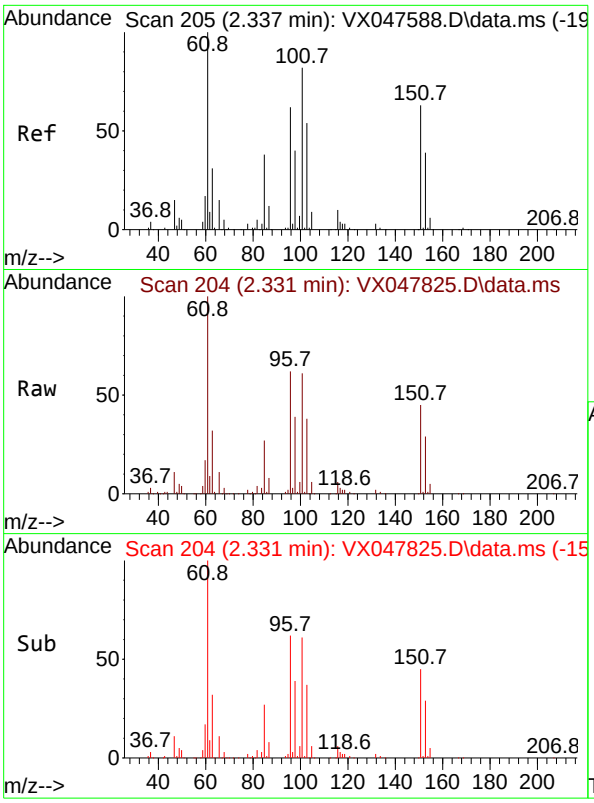


#8
Diethyl Ether
Concen: 52.582 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 74 Resp: 58285

Ion	Ratio	Lower	Upper
74	100		
45	103.4	52.3	156.8



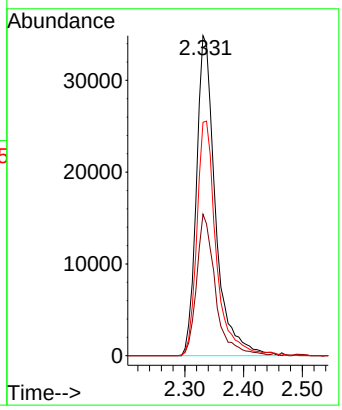


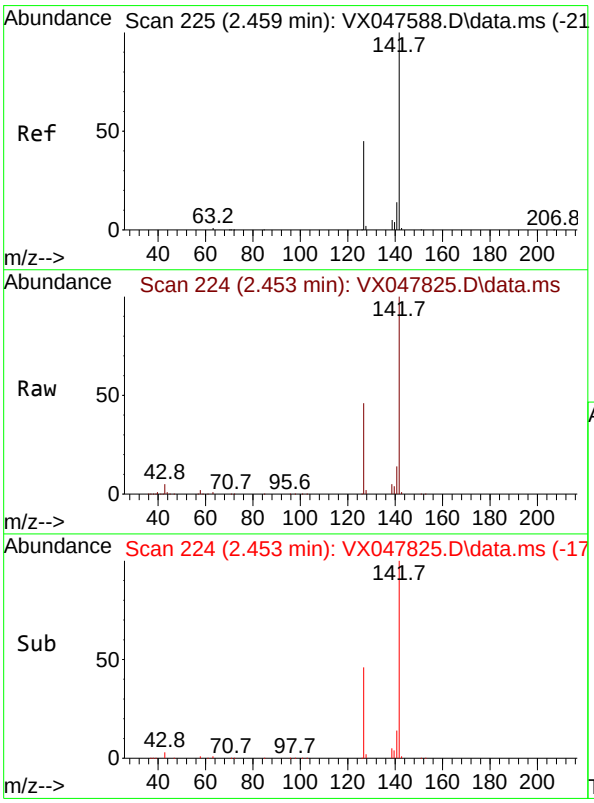
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.545 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 78502

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.5	53.3
151	74.3	59.4	89.0

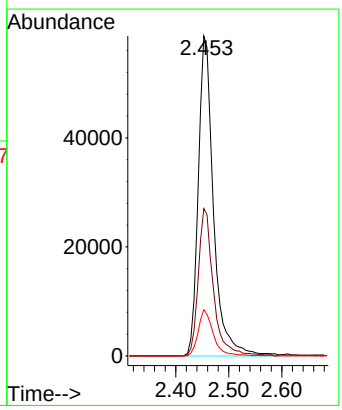


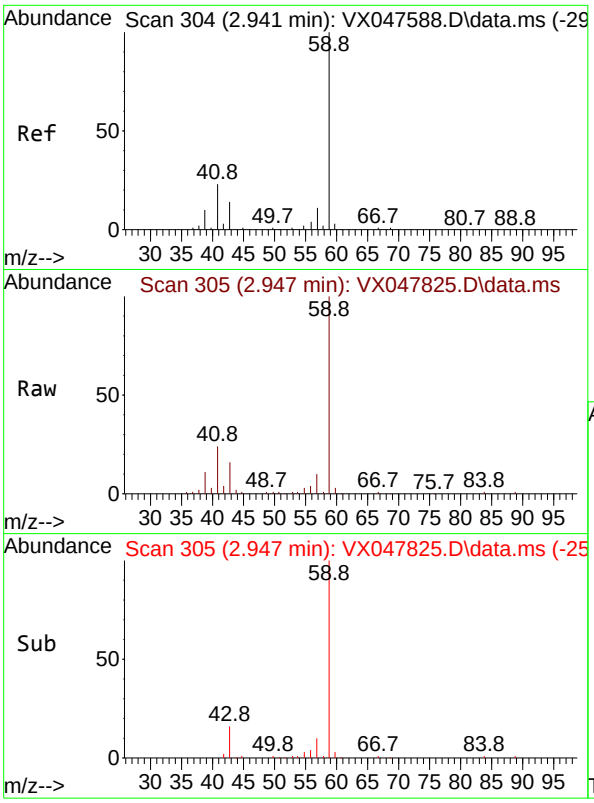


#10
Methyl Iodide
Concen: 47.415 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:142 Resp: 117167

Ion	Ratio	Lower	Upper
142	100		
127	45.8	37.2	55.8
141	14.2	11.4	17.0



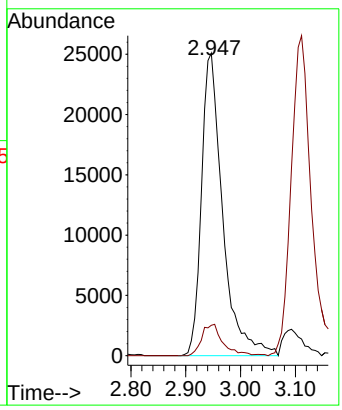


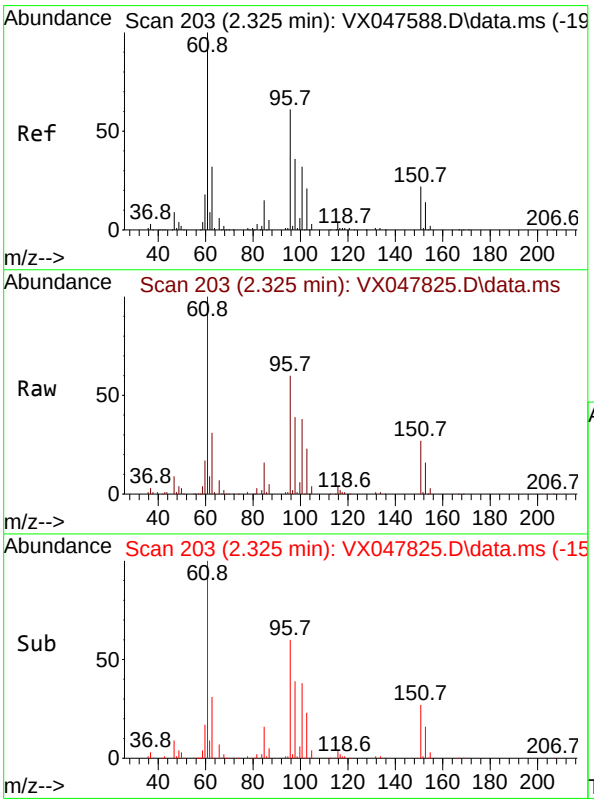
#11
Tert butyl alcohol
Concen: 277.144 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 67304

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

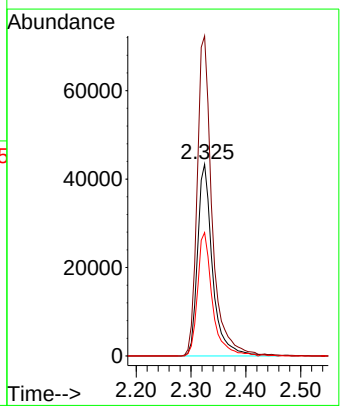


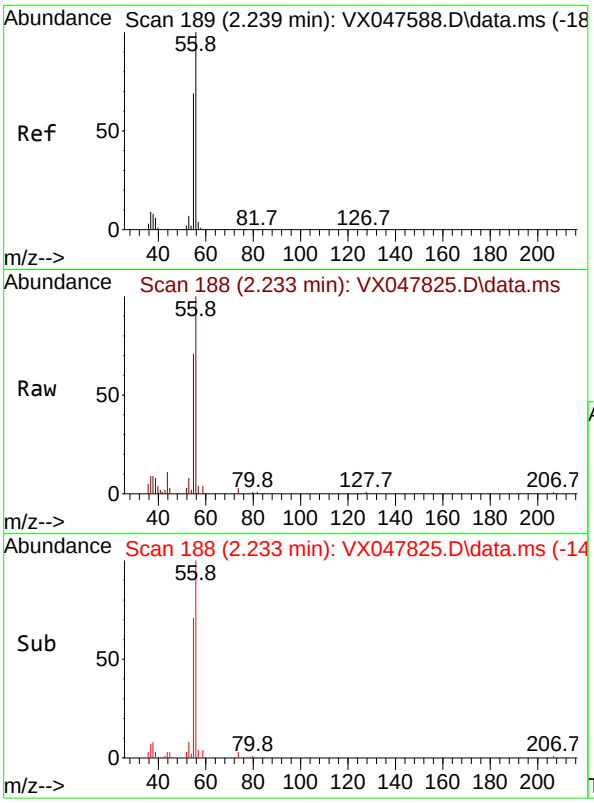


#12
1,1-Dichloroethene
Concen: 50.589 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 96 Resp: 82336

Ion	Ratio	Lower	Upper
96	100		
61	167.0	131.0	196.6
98	66.2	47.7	71.5



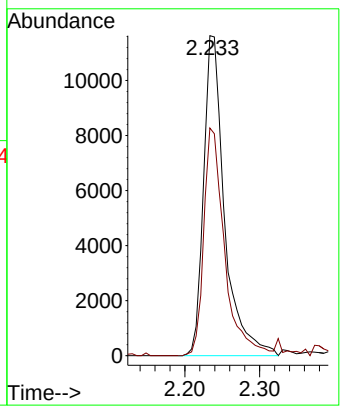


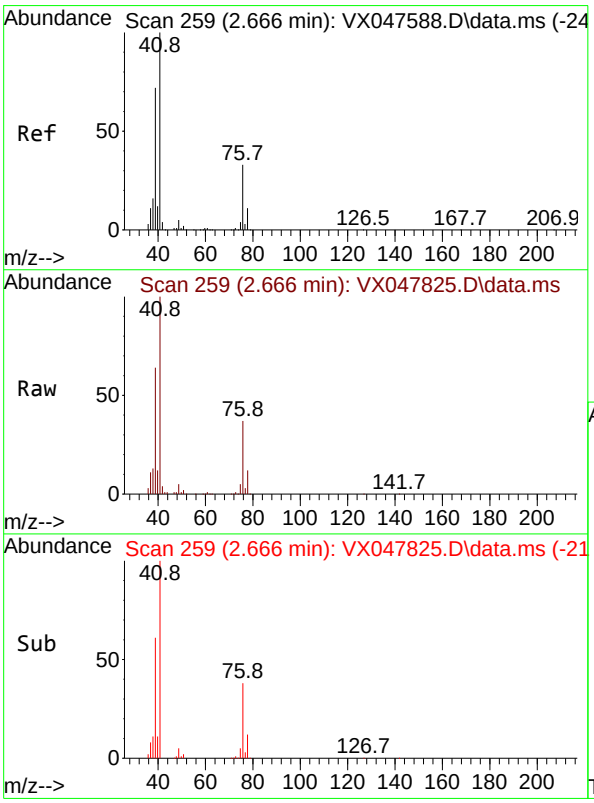
#13
Acrolein
Concen: 101.247 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 22658

Ion	Ratio	Lower	Upper
56	100		
55	70.7	57.2	85.8

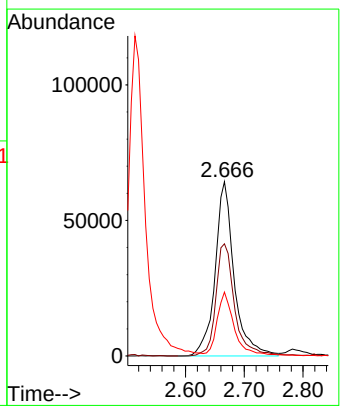


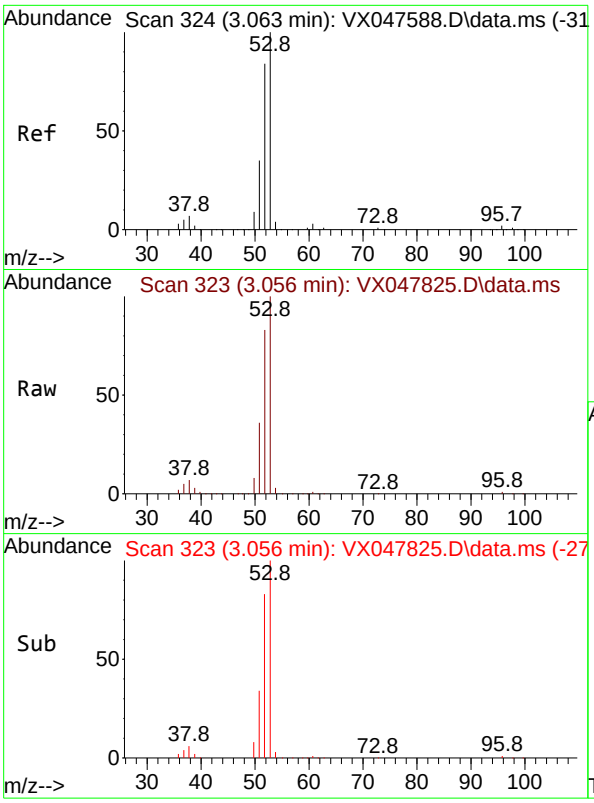


#14
Allyl chloride
Concen: 43.166 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 41 Resp: 144973

Ion	Ratio	Lower	Upper
41	100		
39	63.8	54.7	82.1
76	33.2	25.7	38.5



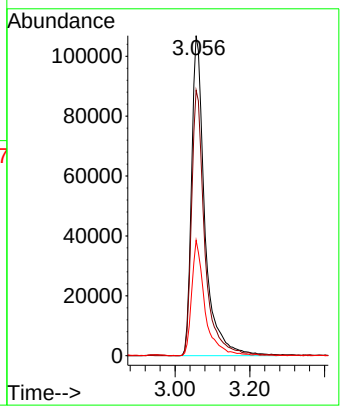


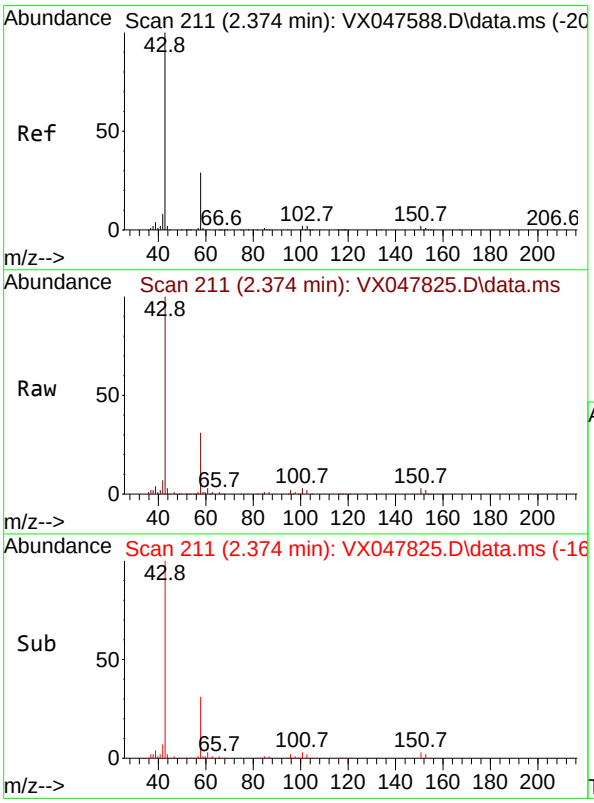
#15
Acrylonitrile
Concen: 293.710 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 264200

Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.4	99.6
51	35.9	29.5	44.3

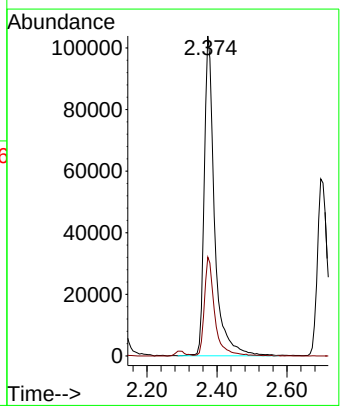


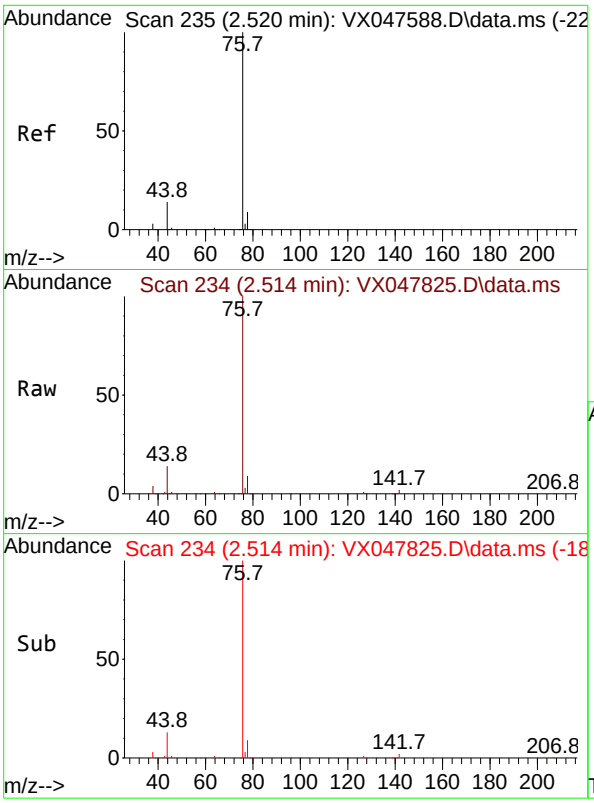


#16
Acetone
Concen: 224.469 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 43 Resp: 212815

Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.4	35.0



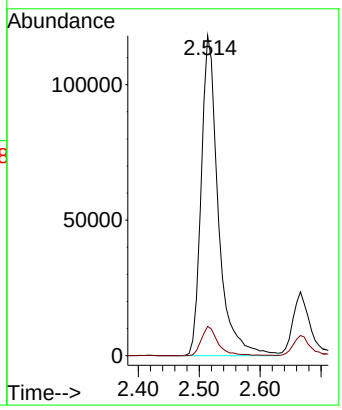


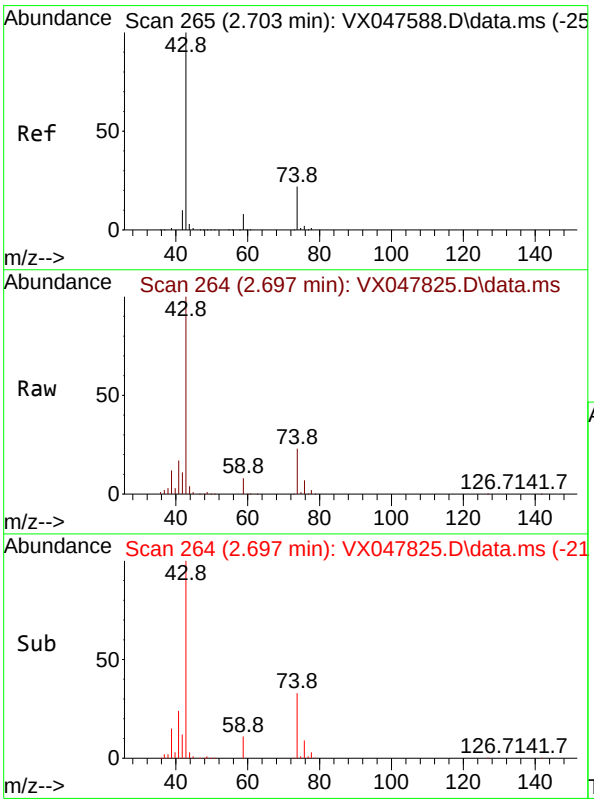
#17
Carbon Disulfide
Concen: 51.674 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 230237

Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.8	10.2

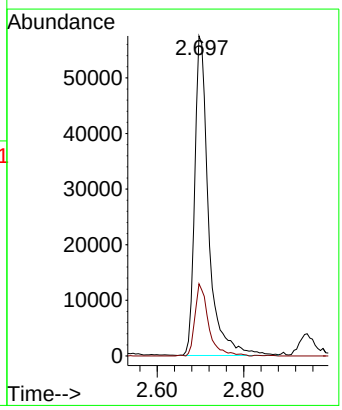


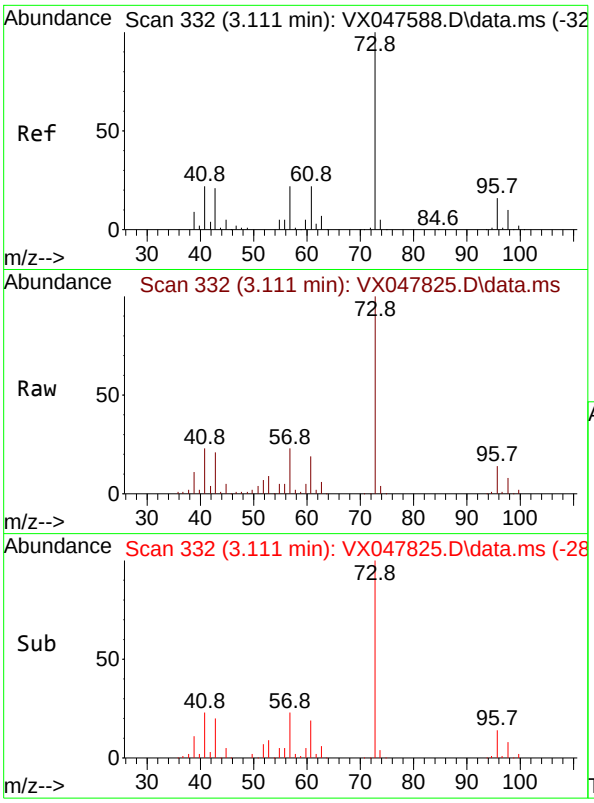


#18
Methyl Acetate
Concen: 60.675 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 43 Resp: 128022

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2



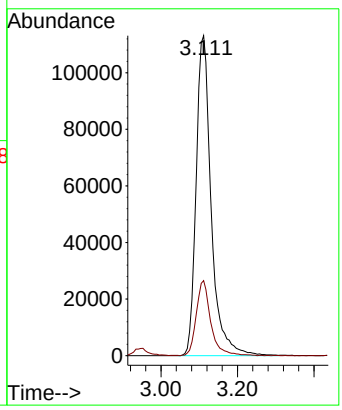


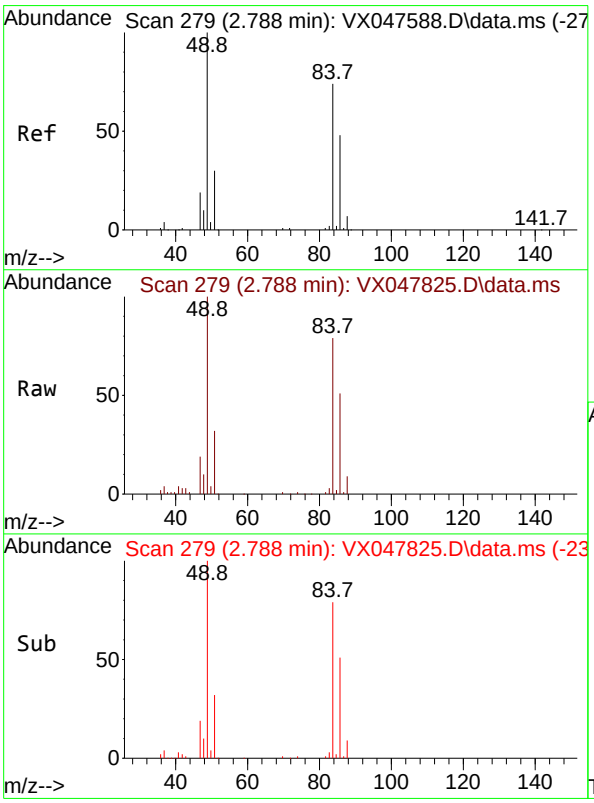
#19
Methyl tert-butyl Ether
Concen: 51.945 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 308620

Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.4	26.2

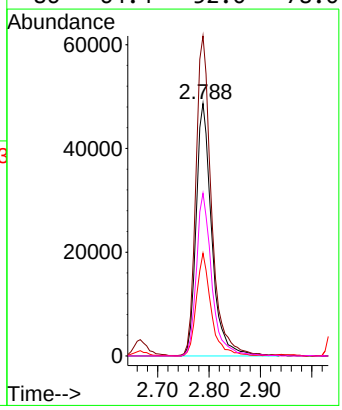


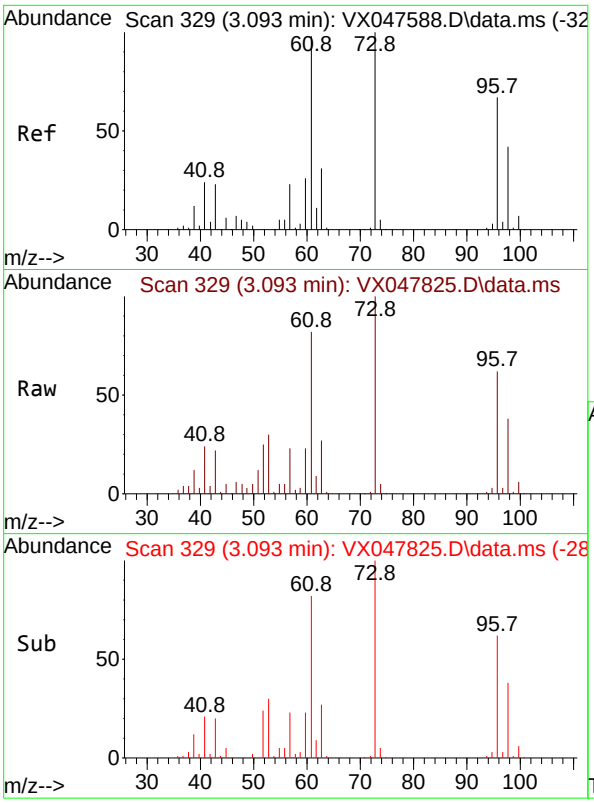


#20
Methylene Chloride
Concen: 51.139 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 84 Resp: 102627

Ion	Ratio	Lower	Upper
84	100		
49	126.5	108.6	162.8
51	40.7	32.6	48.8
86	64.4	52.0	78.0



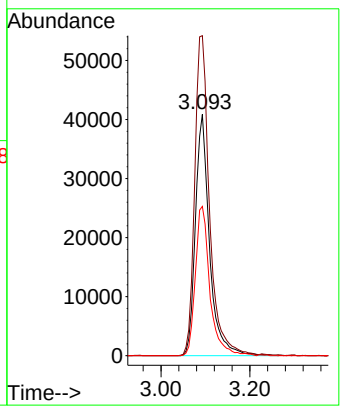


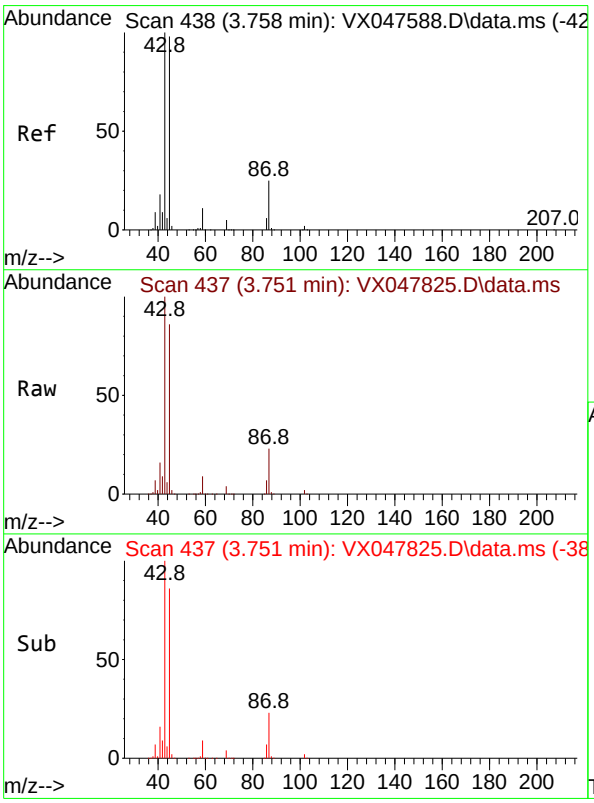
#21
trans-1,2-Dichloroethene
Concen: 51.561 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 90348

Ion	Ratio	Lower	Upper
96	100		
61	132.6	116.2	174.2
98	61.8	49.3	73.9

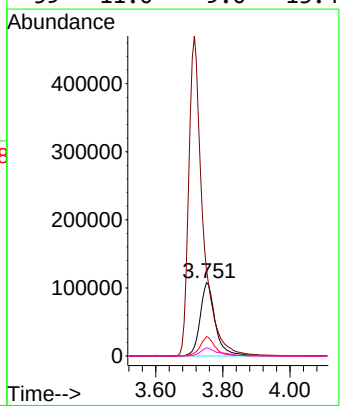


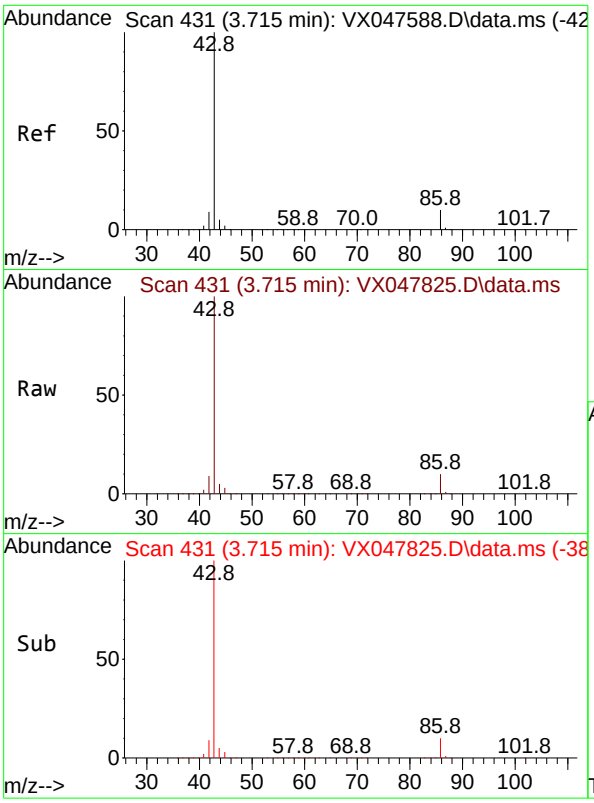


#22
Diisopropyl ether
Concen: 51.970 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 45 Resp: 338264

Ion	Ratio	Lower	Upper
45	100		
43	116.0	81.0	121.4
87	26.3	20.3	30.5
59	11.0	9.0	13.4



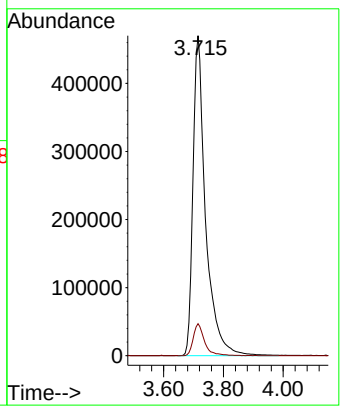


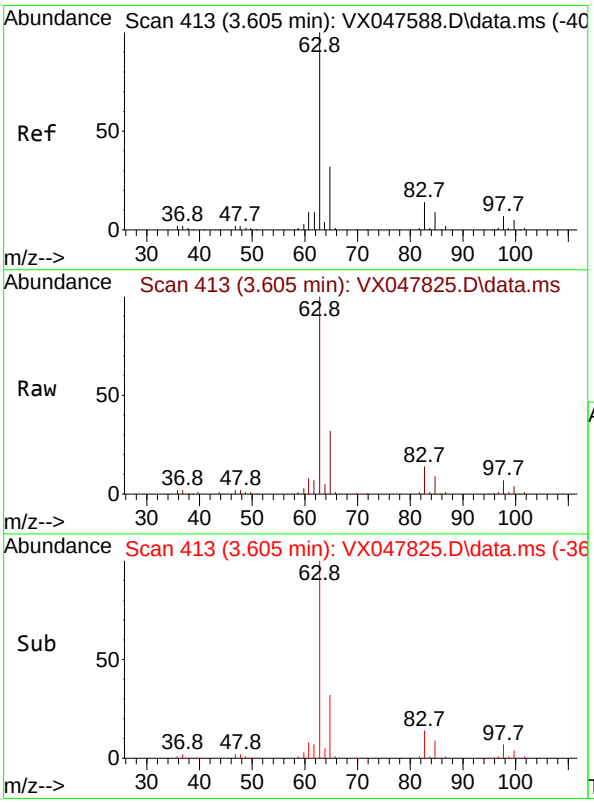
#23
Vinyl Acetate
Concen: 264.363 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1377154

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

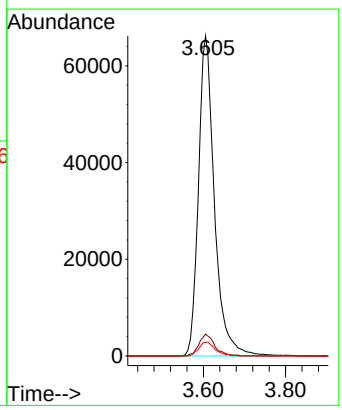


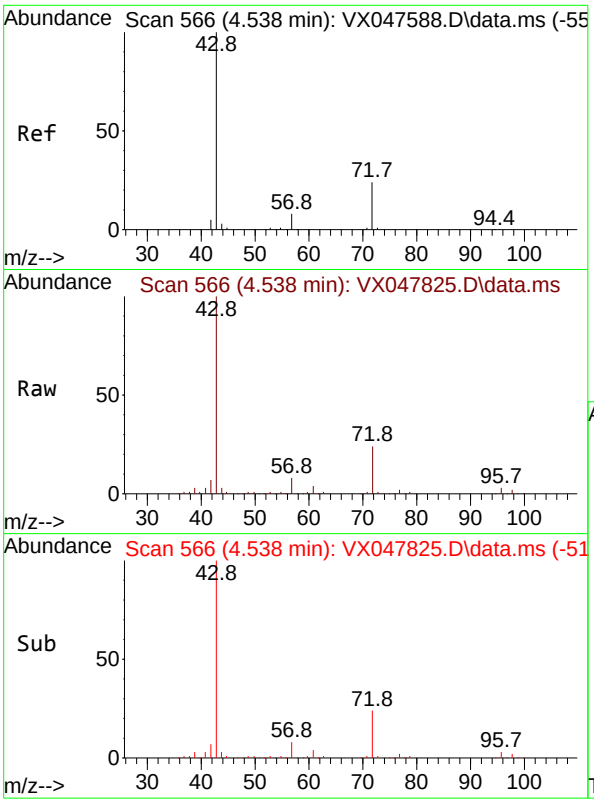


#24
1,1-Dichloroethane
Concen: 51.567 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 63 Resp: 178398

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.2
100	4.2	2.3	6.9



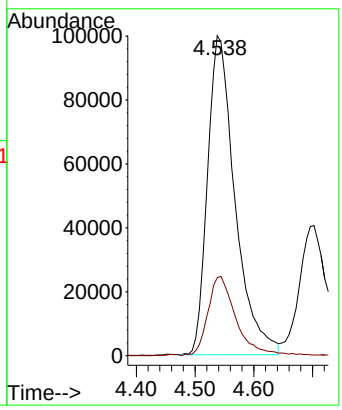


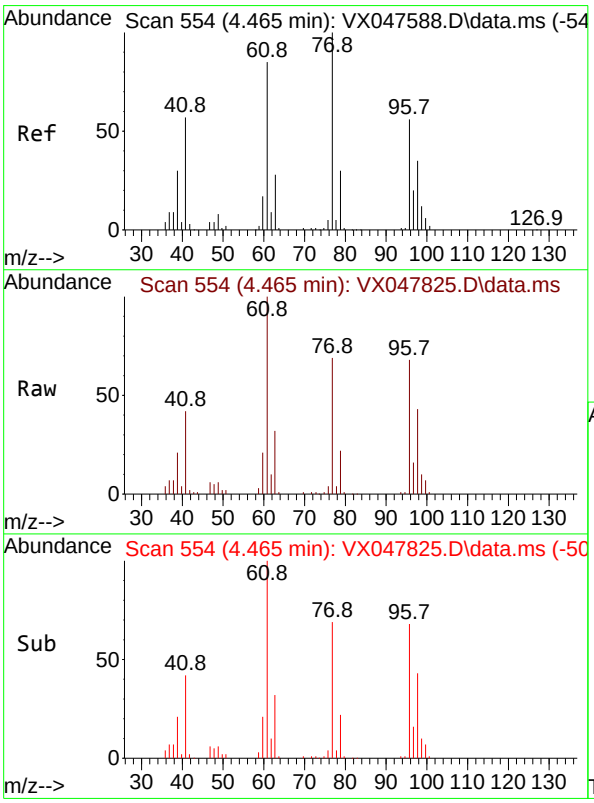
#25
2-Butanone
Concen: 273.980 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 324013

Ion	Ratio	Lower	Upper
43	100		
72	23.9	20.1	30.1

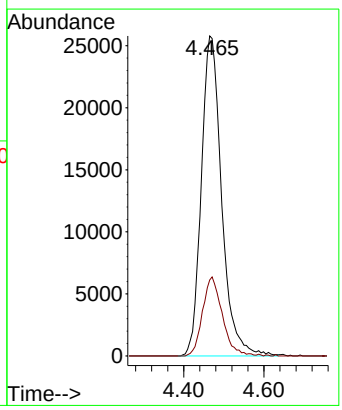


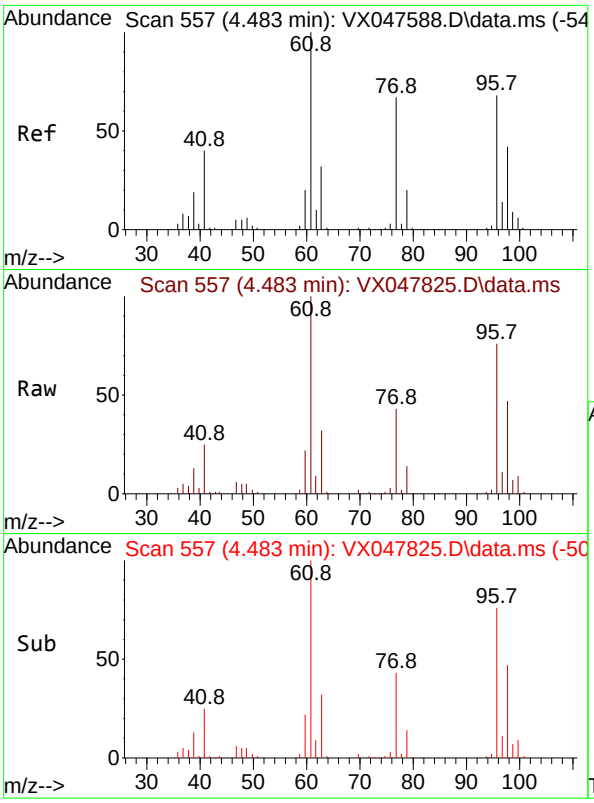


#26
2,2-Dichloropropane
Concen: 31.514 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 77 Resp: 90626

Ion	Ratio	Lower	Upper
77	100		
97	24.0	10.9	32.7



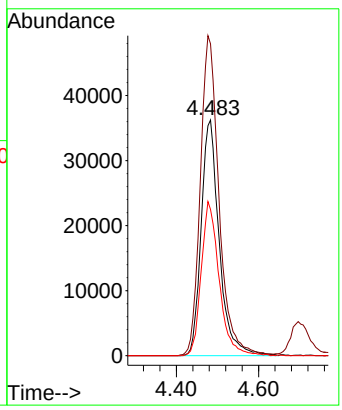


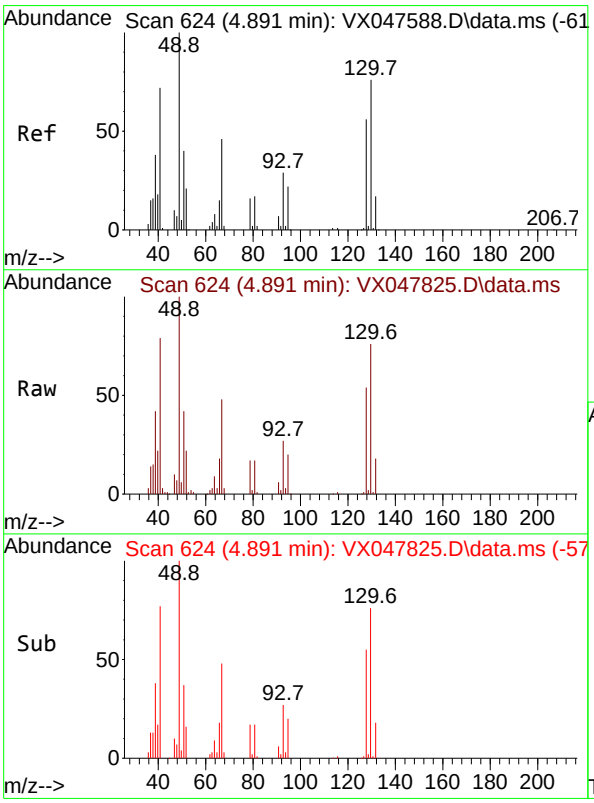
#27
cis-1,2-Dichloroethene
Concen: 51.445 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 110397

Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	303.2
98	65.0	0.0	127.8

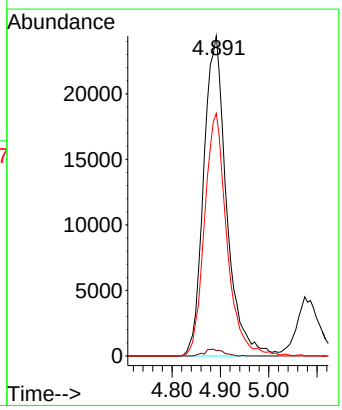


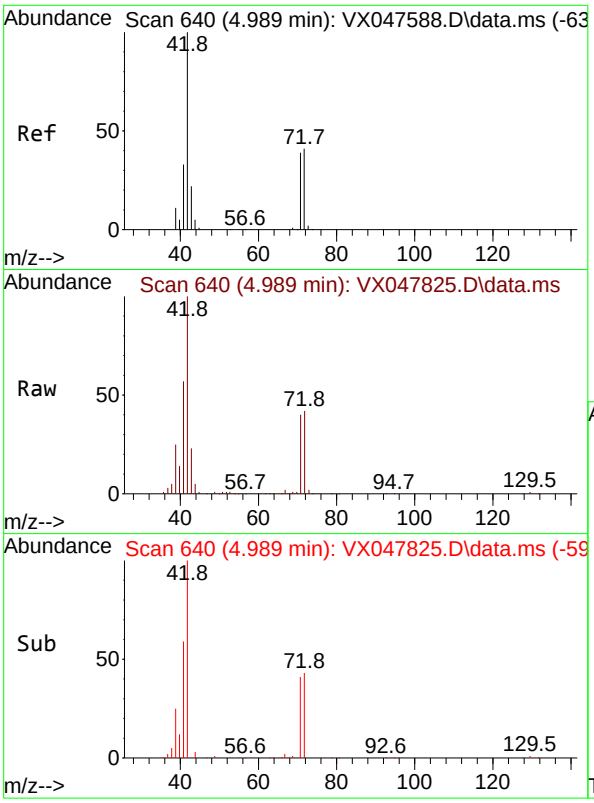


#28
Bromochloromethane
Concen: 53.101 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 49 Resp: 80199

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	74.1	57.8	86.8



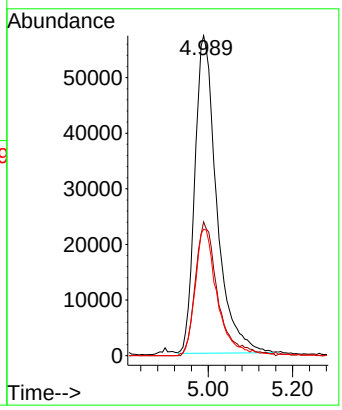


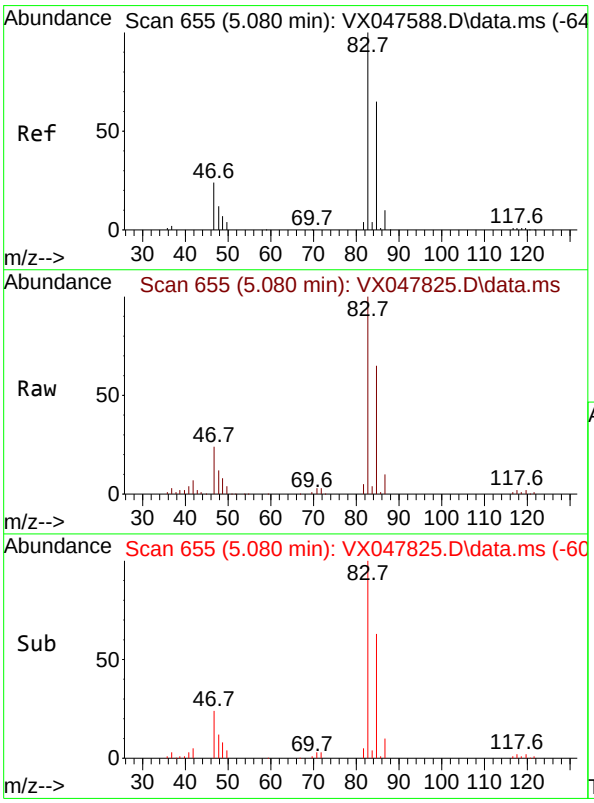
#29
Tetrahydrofuran
Concen: 289.521 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 205975

Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.2	51.2
71	40.5	31.9	47.9

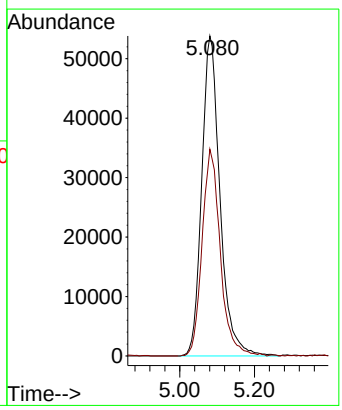


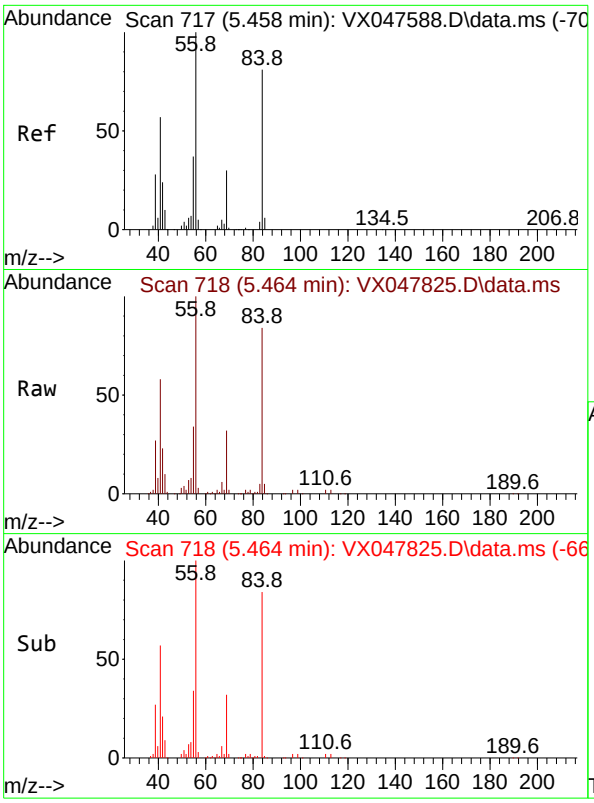


#30
Chloroform
Concen: 52.160 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 83 Resp: 182347

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6



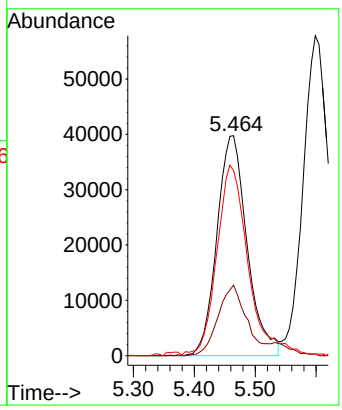


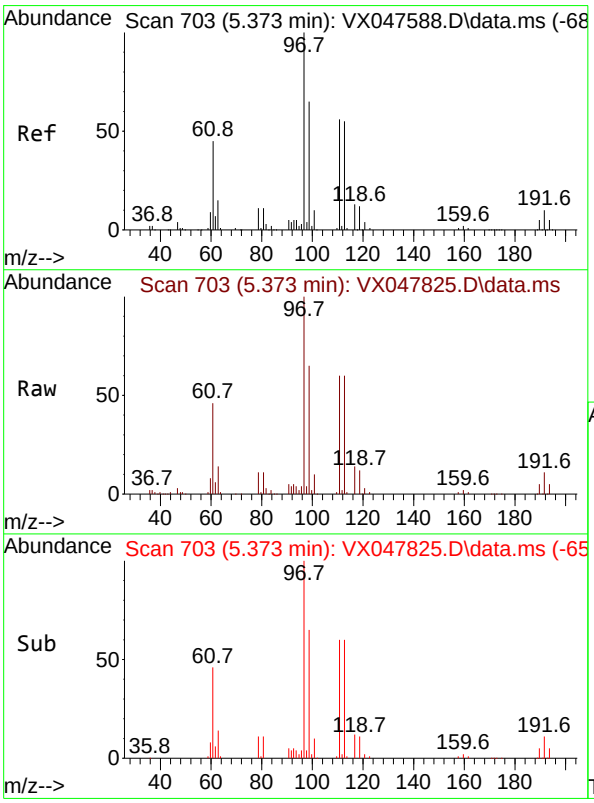
#31
Cyclohexane
Concen: 47.524 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 136934

Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.8	35.8
84	82.6	64.6	97.0

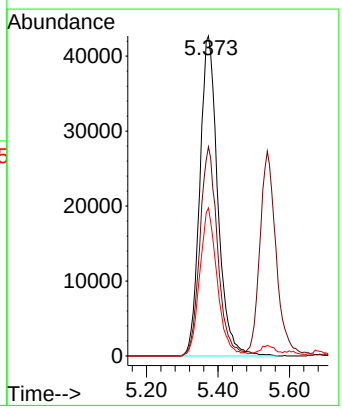


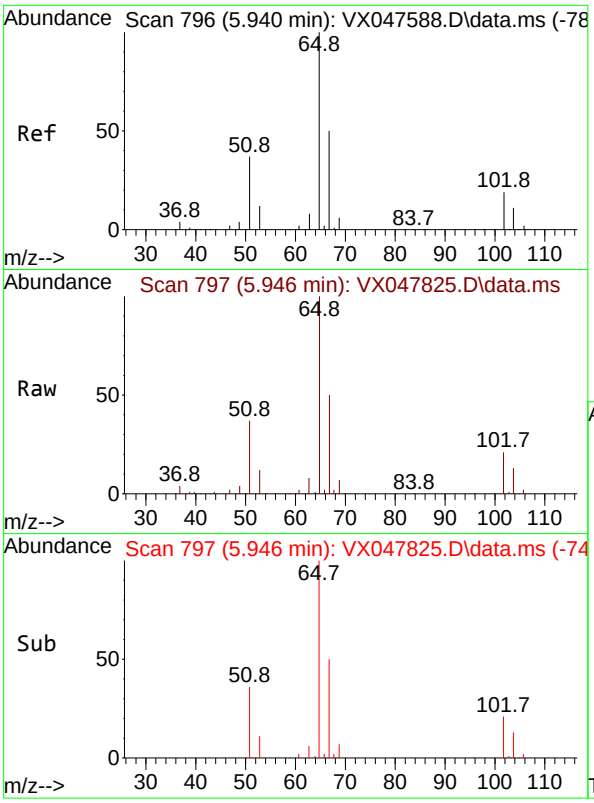


#32
1,1,1-Trichloroethane
Concen: 50.074 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 97 Resp: 148485

Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.6	76.0
61	45.3	35.8	53.8



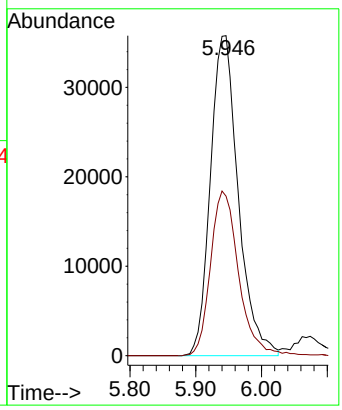


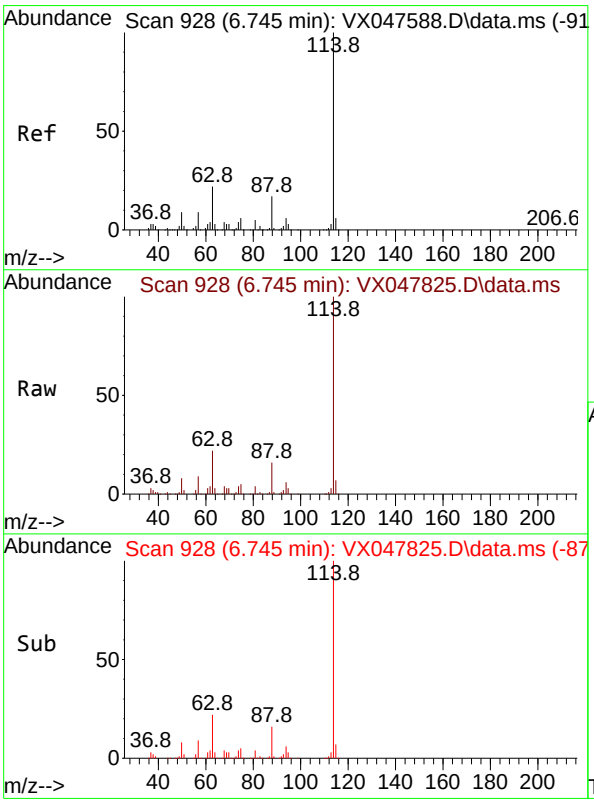
#33
1,2-Dichloroethane-d4
Concen: 48.334 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 105392

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.0

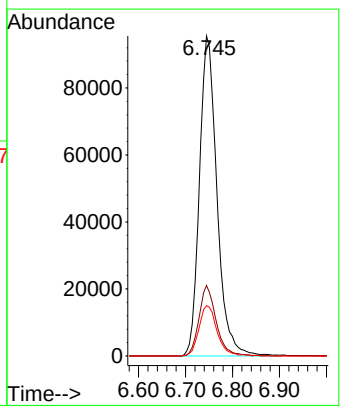


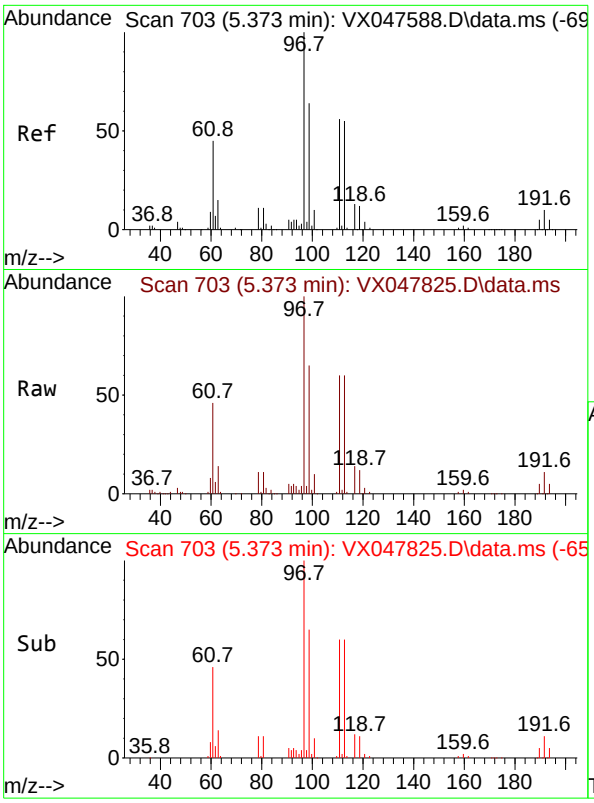


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:114 Resp: 247384

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	15.7	0.0	34.2



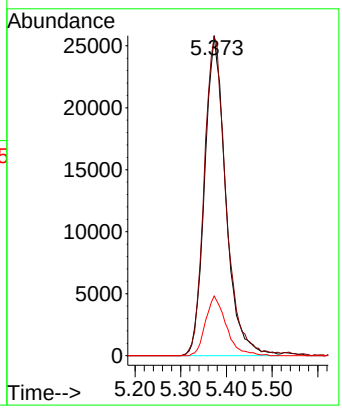


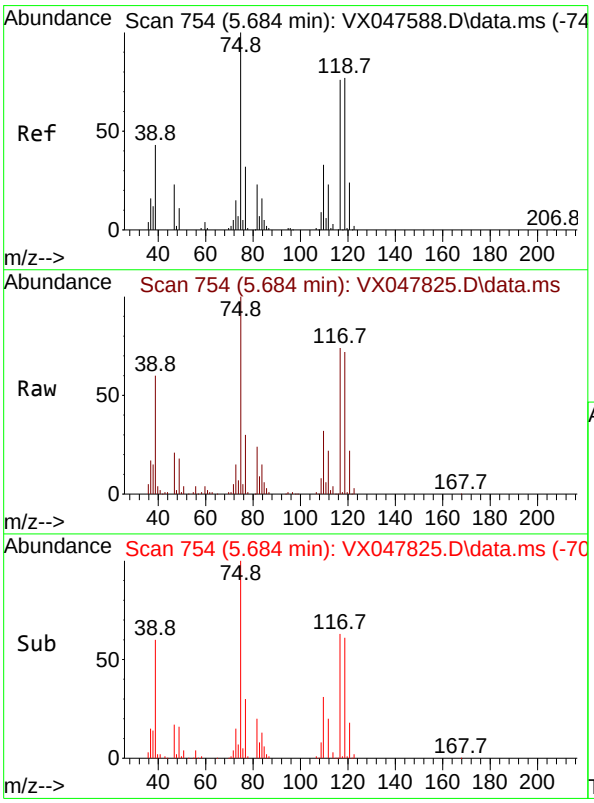
#35
Dibromofluoromethane
Concen: 49.958 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 82885

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.9	121.3
192	18.3	14.2	21.4

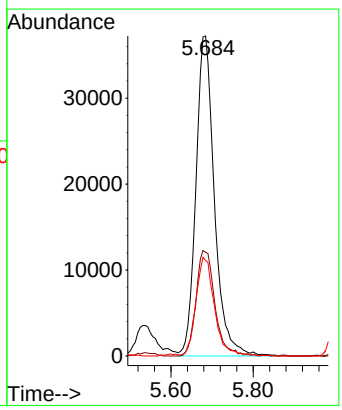


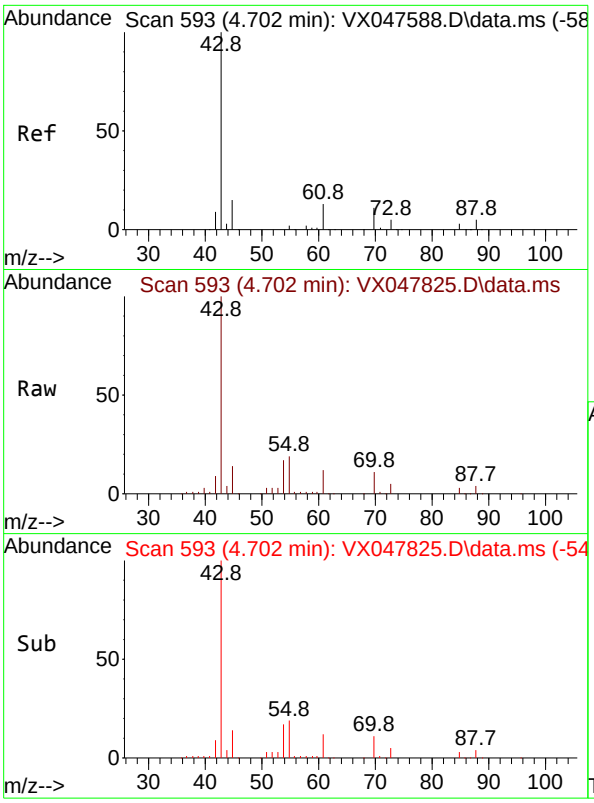


#36
1,1-Dichloropropene
Concen: 48.012 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 75 Resp: 116396

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.7	50.1
77	30.7	24.3	36.5



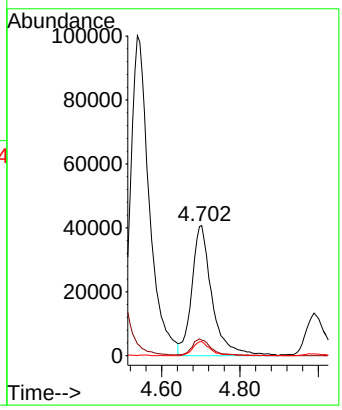


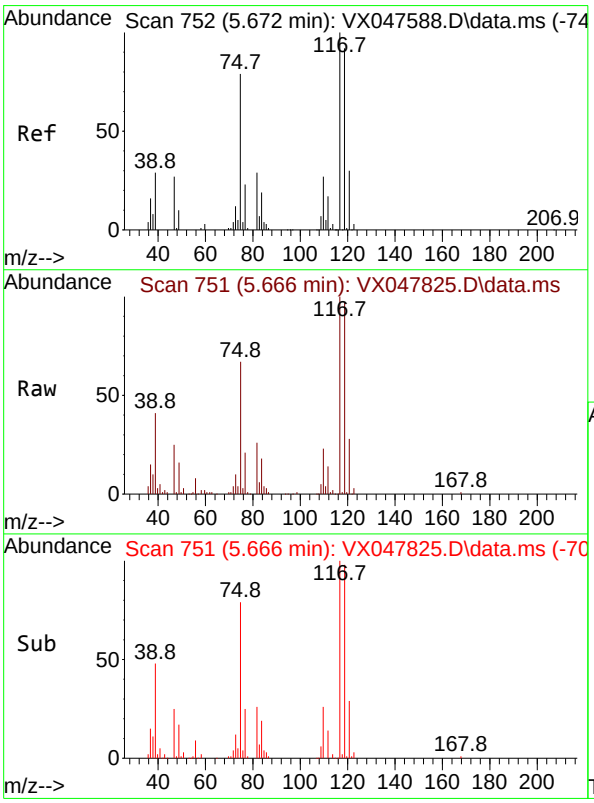
#37
Ethyl Acetate
Concen: 56.365 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 146310

Ion	Ratio	Lower	Upper
43	100		
61	11.1	9.8	14.8
70	9.6	7.9	11.9

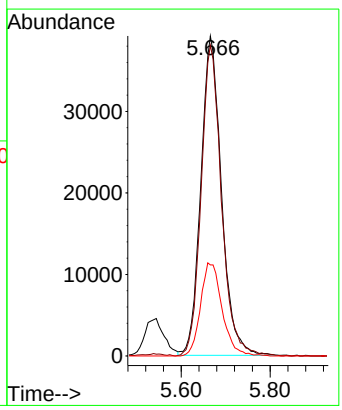


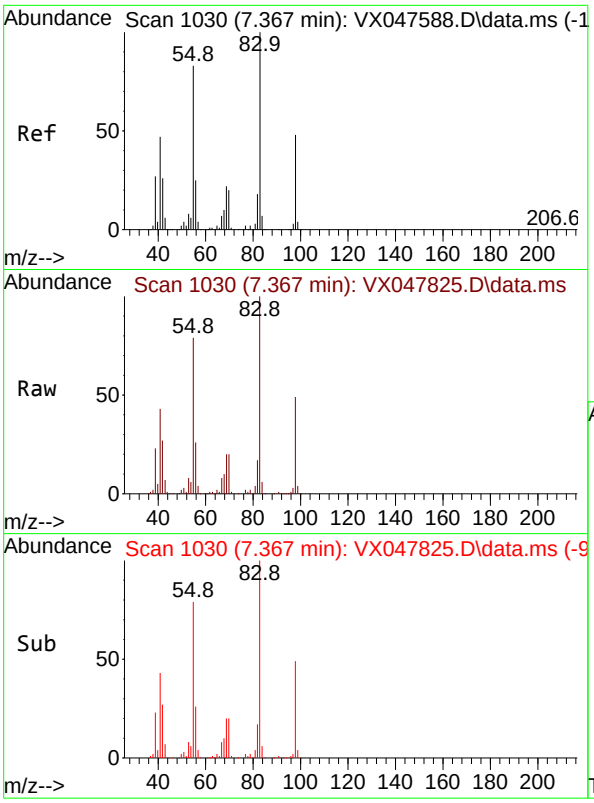


#38
Carbon Tetrachloride
Concen: 48.132 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:117 Resp: 126782

Ion	Ratio	Lower	Upper
117	100		
119	97.1	73.4	110.2
121	28.5	23.8	35.6



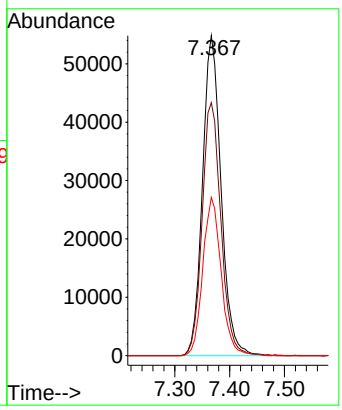


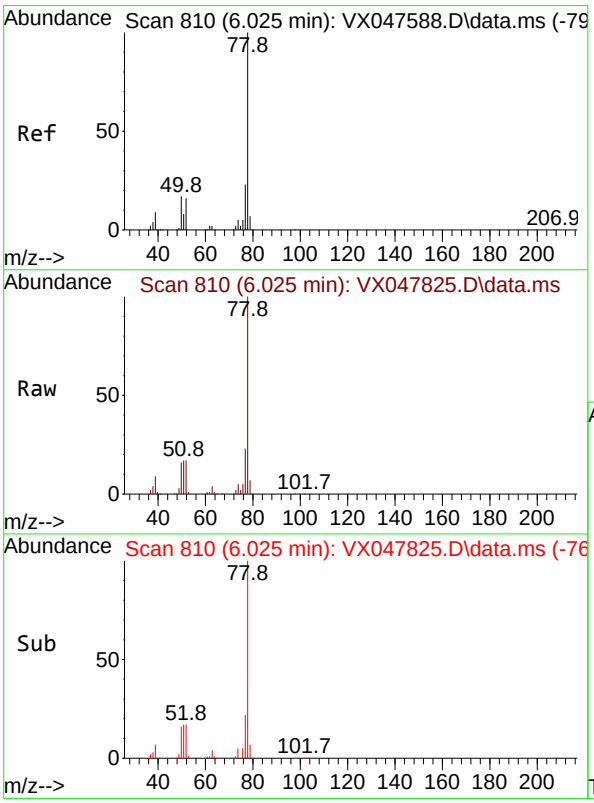
#39
Methylcyclohexane
Concen: 46.798 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 128784

Ion	Ratio	Lower	Upper
83	100		
55	79.0	66.4	99.6
98	49.5	38.1	57.1

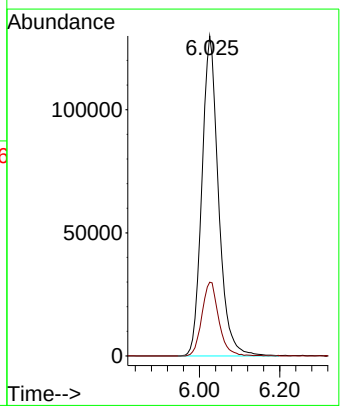


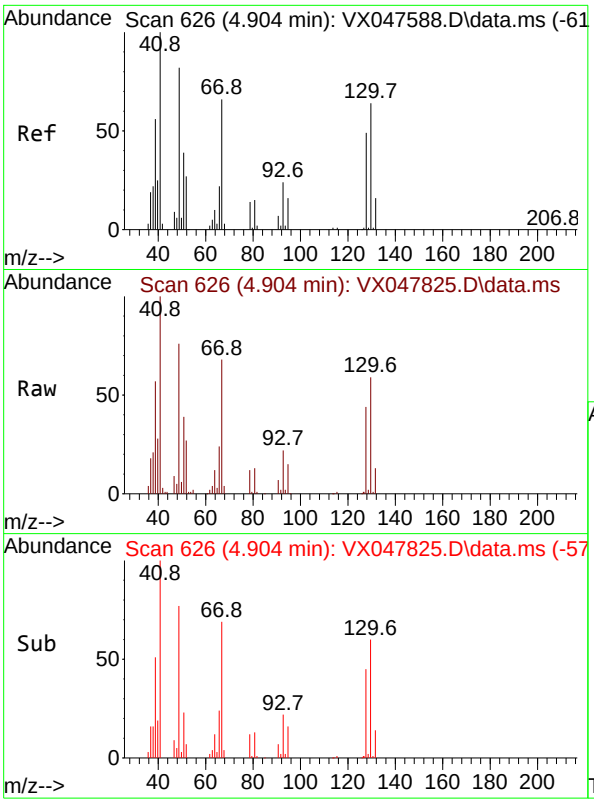


#40
Benzene
Concen: 50.755 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 78 Resp: 373725

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2



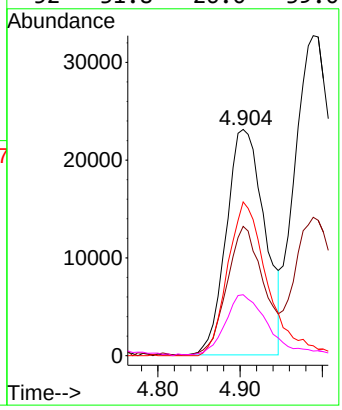


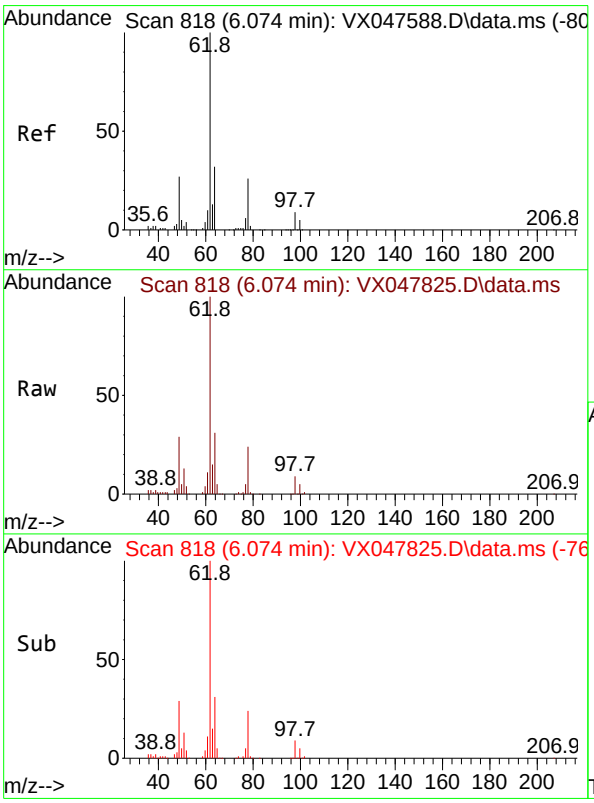
#41
Methacrylonitrile
Concen: 55.861 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 74858

Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.3	64.9
67	72.4	58.6	87.8
52	31.8	26.0	39.0

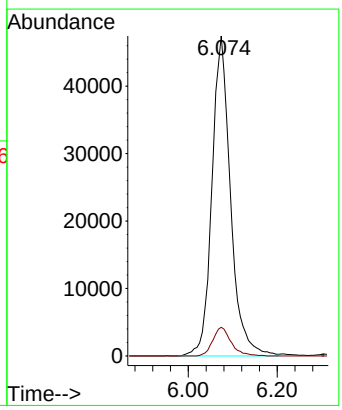


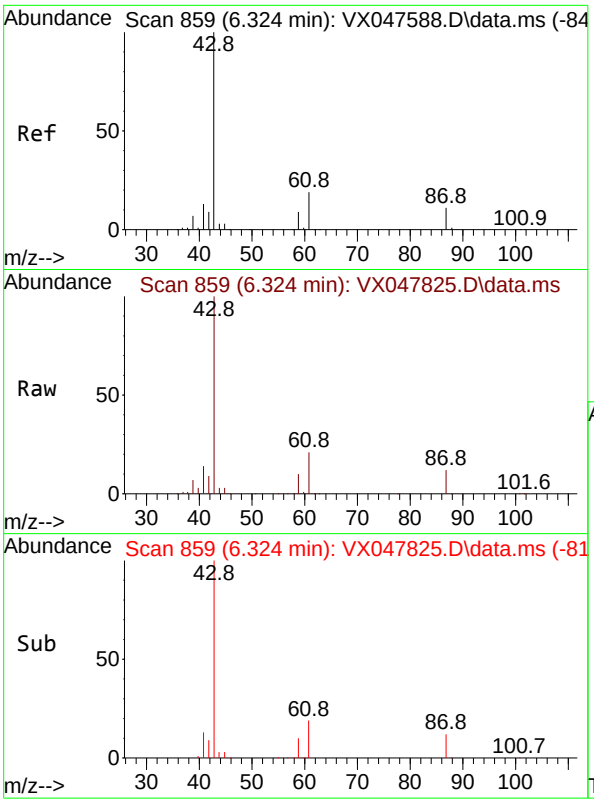


#42
1,2-Dichloroethane
Concen: 49.092 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 62 Resp: 137539

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0



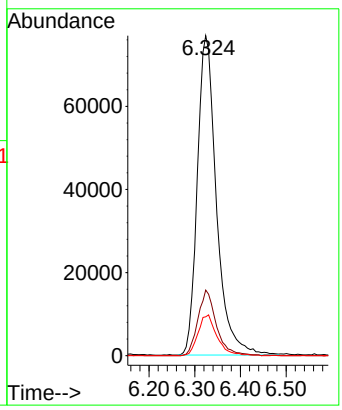


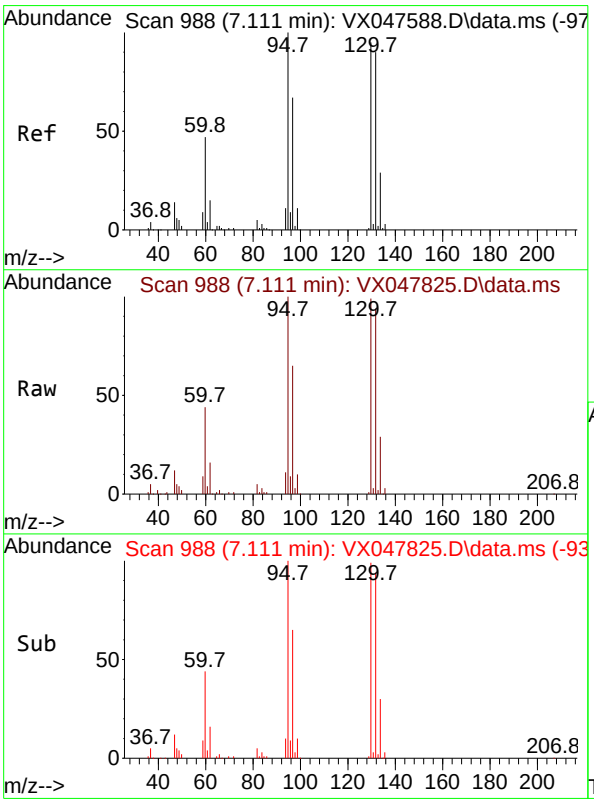
#43
Isopropyl Acetate
Concen: 52.593 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 223898

Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.2	22.8
87	12.7	9.6	14.4

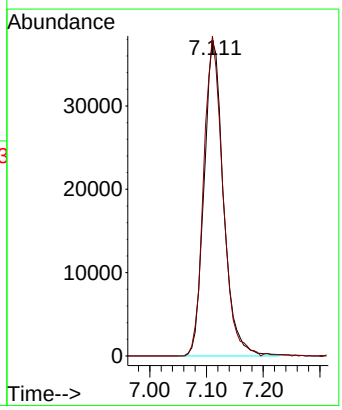


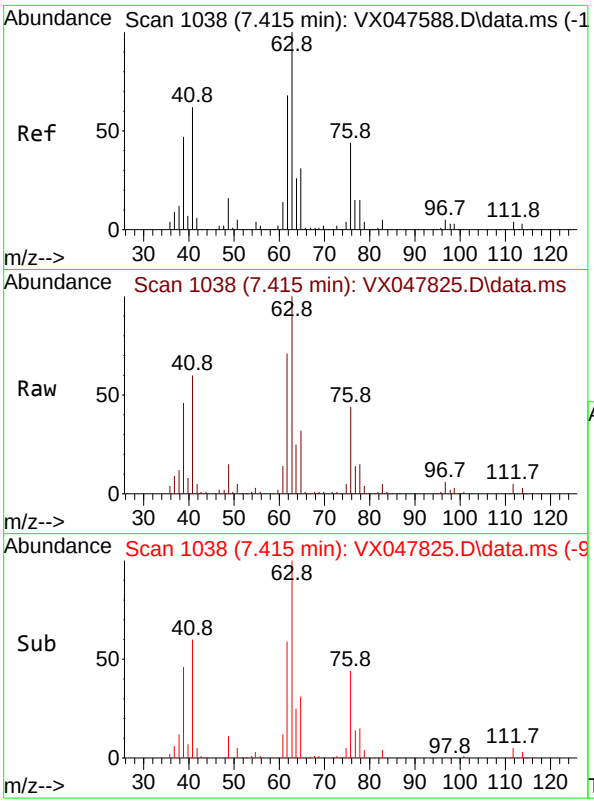


#44
Trichloroethene
Concen: 50.566 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:130 Resp: 90017

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	210.8



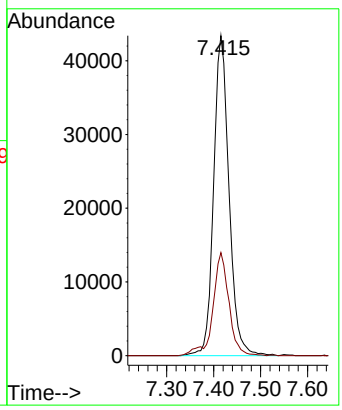


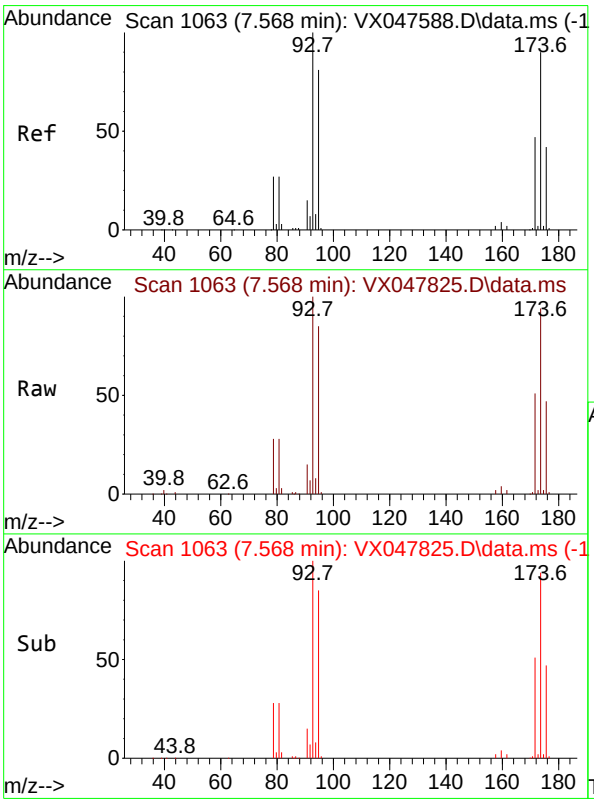
#45
1,2-Dichloropropane
Concen: 52.341 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 98686

Ion	Ratio	Lower	Upper
63	100		
65	32.2	24.7	37.1

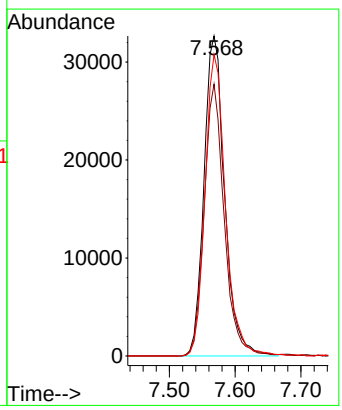


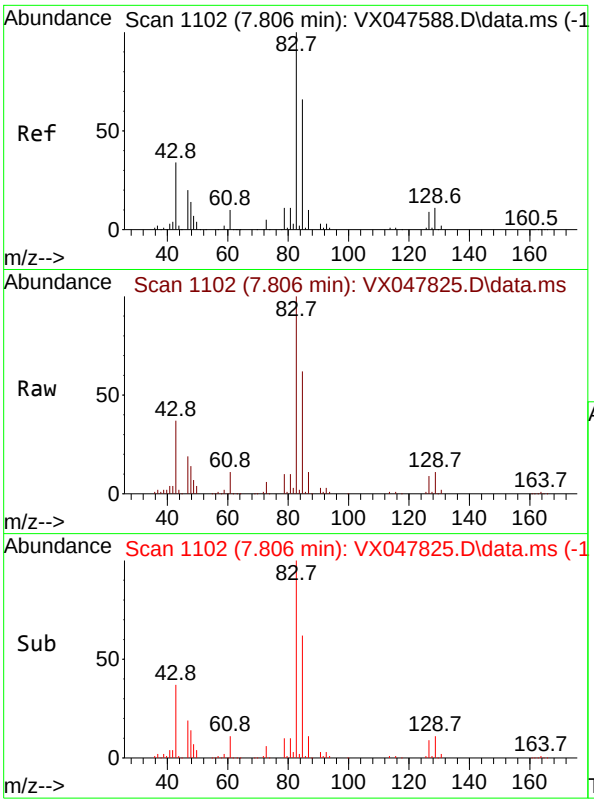


#46
Dibromomethane
Concen: 51.886 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 93 Resp: 71190

Ion	Ratio	Lower	Upper
93	100		
95	82.7	65.0	97.6
174	93.4	71.6	107.4



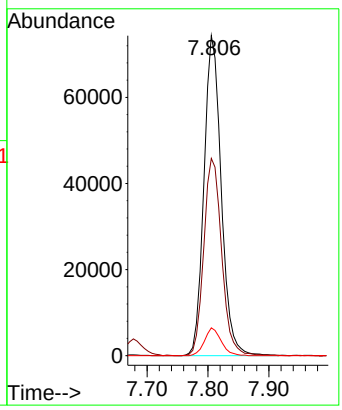


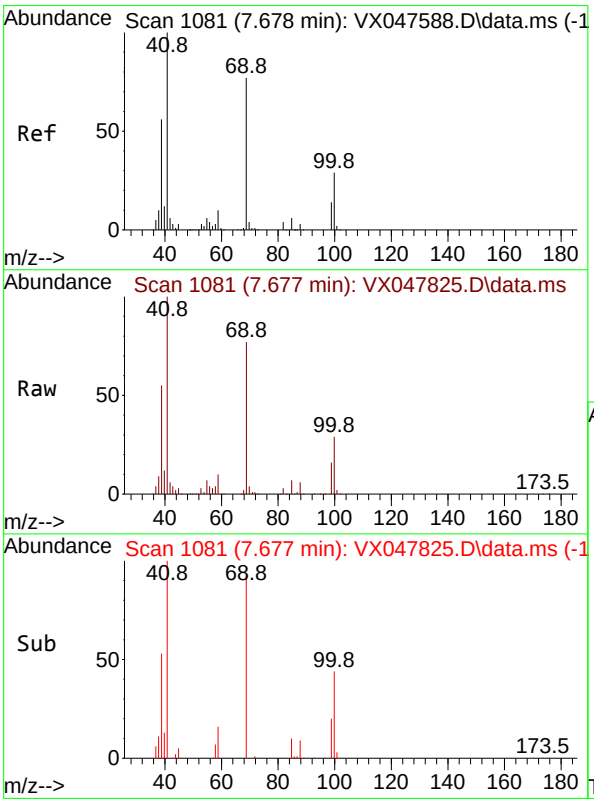
#47
Bromodichloromethane
Concen: 51.750 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 146520

Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.5	78.7
127	8.7	6.9	10.3

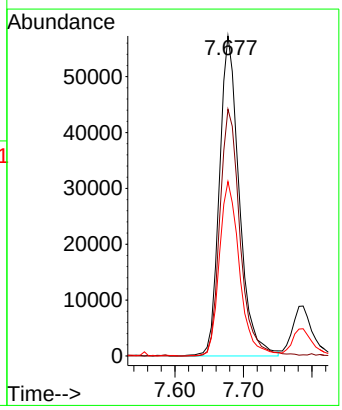


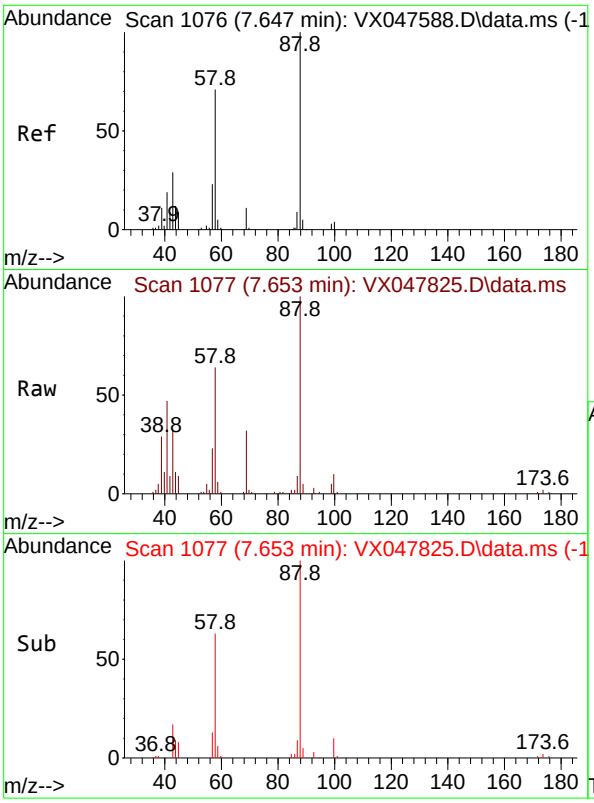


#48
Methyl methacrylate
Concen: 54.110 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 41 Resp: 114743

Ion	Ratio	Lower	Upper
41	100		
69	78.4	61.4	92.2
39	55.5	45.8	68.6



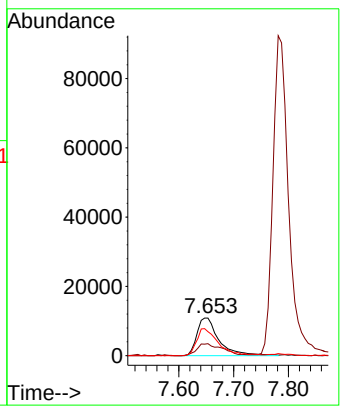


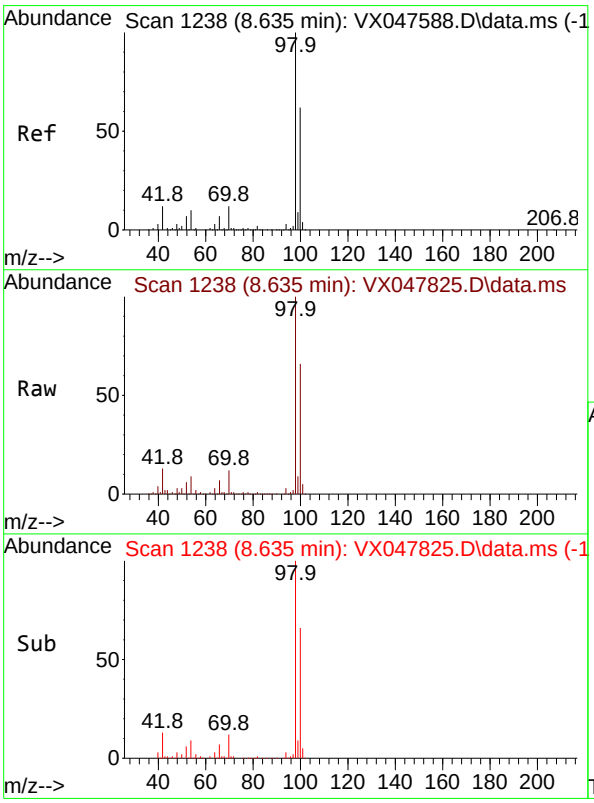
#49
1,4-Dioxane
Concen: 1422.082 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 30476

Ion	Ratio	Lower	Upper
88	100		
43	38.2	30.2	45.2
58	71.4	59.5	89.3

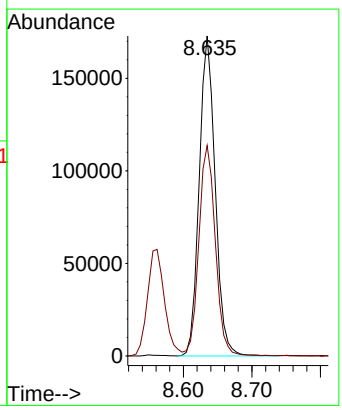


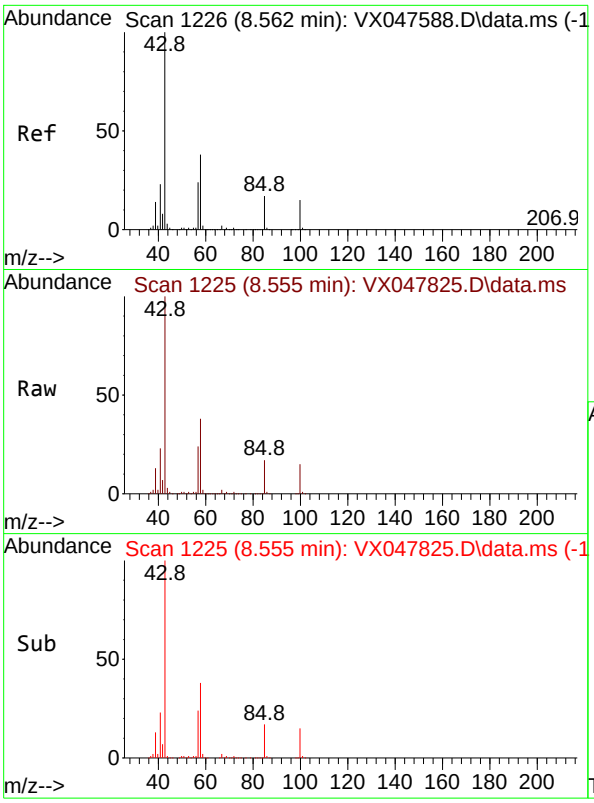


#50
Toluene-d8
Concen: 48.919 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 98 Resp: 280831

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.0	79.4



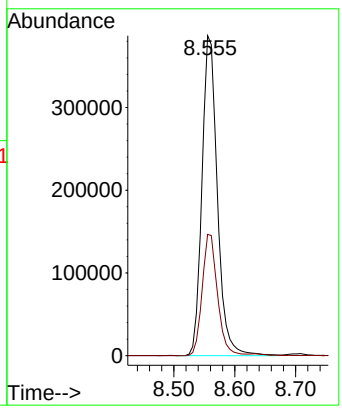


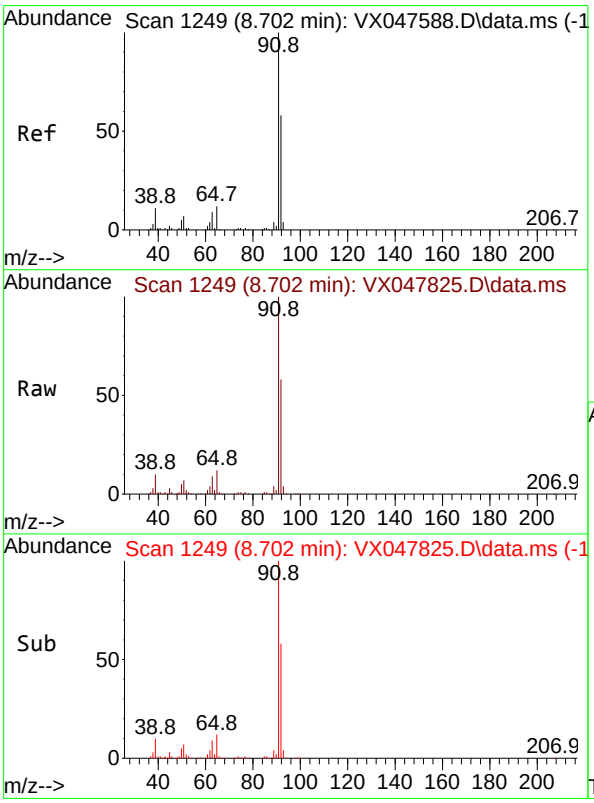
#51
4-Methyl-2-Pentanone
Concen: 288.013 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 679821

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5

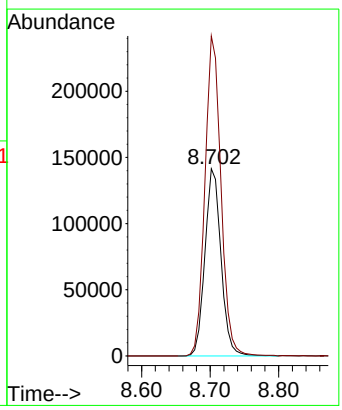


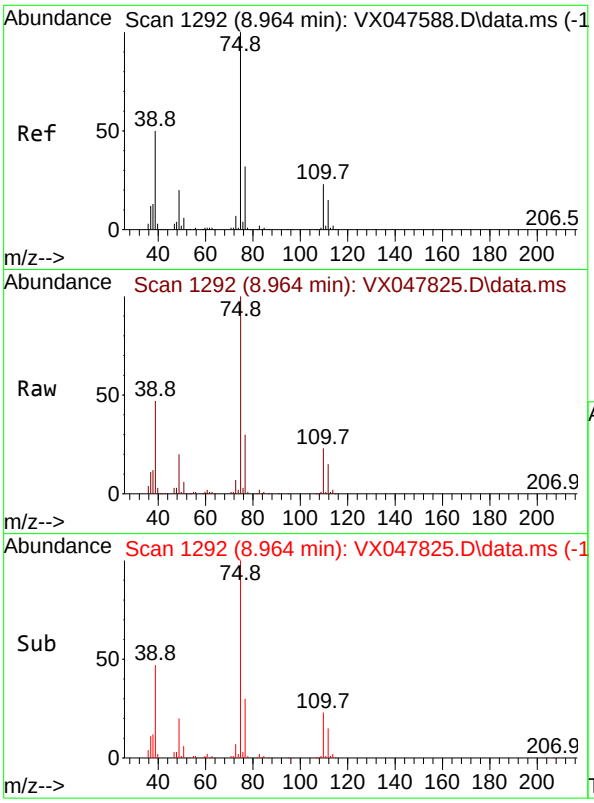


#52
Toluene
Concen: 50.827 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 92 Resp: 230579

Ion	Ratio	Lower	Upper
92	100		
91	170.5	137.1	205.7



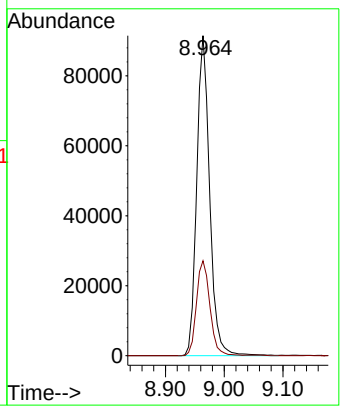


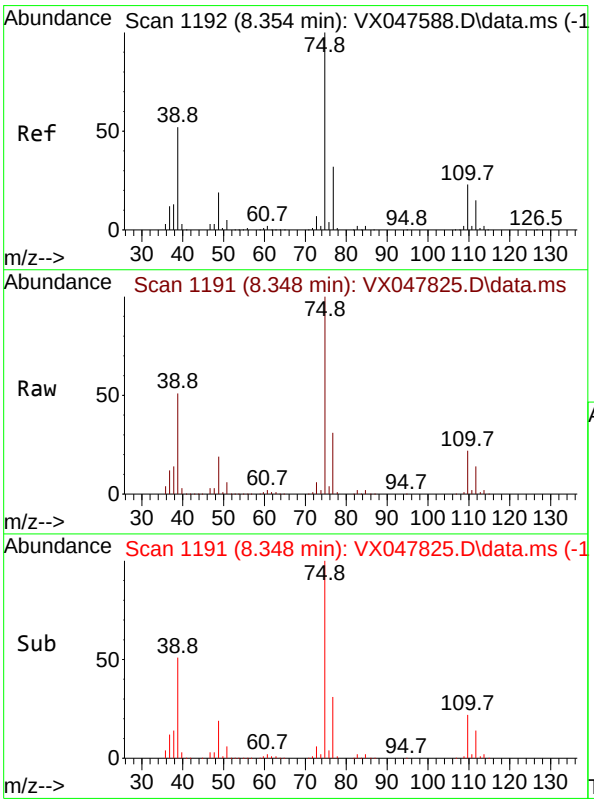
#53
t-1,3-Dichloropropene
Concen: 48.298 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 139482

Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.4	38.2

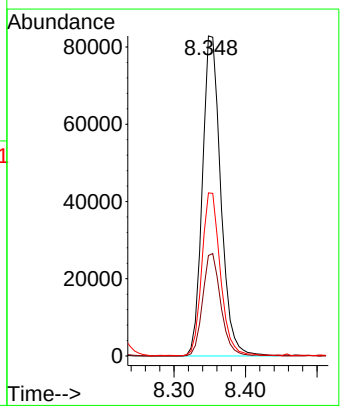


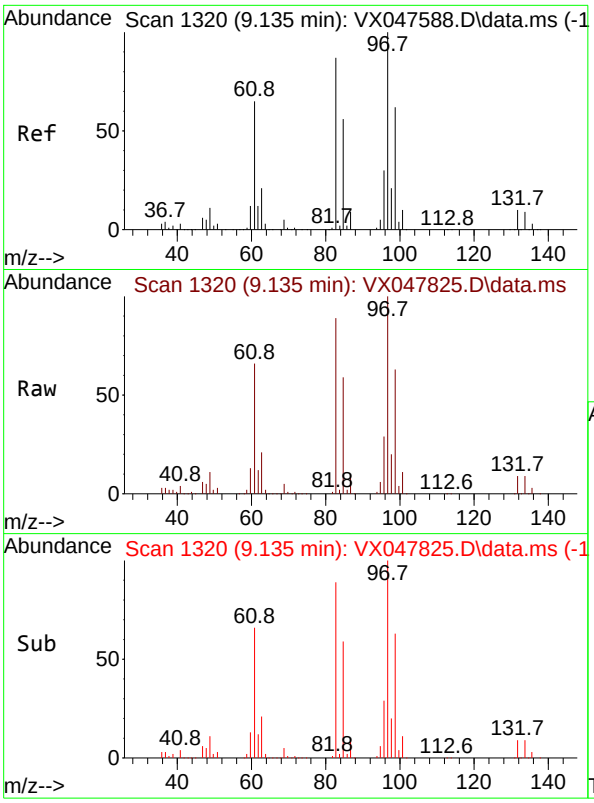


#54
cis-1,3-Dichloropropene
Concen: 48.000 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 75 Resp: 148166

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	50.9	41.4	62.2



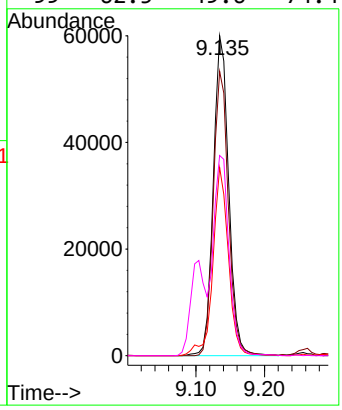


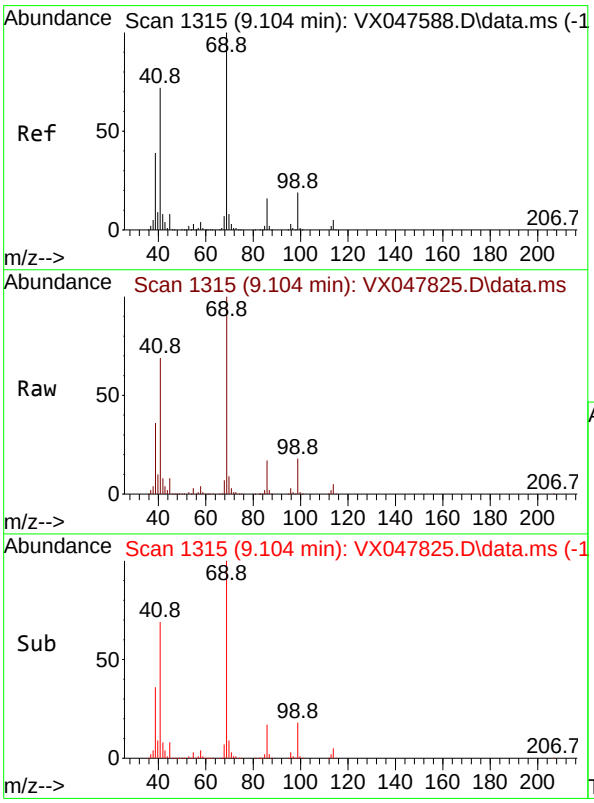
#55
1,1,2-Trichloroethane
Concen: 53.442 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 93484

Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.6	104.4
85	58.7	45.0	67.6
99	62.5	49.6	74.4

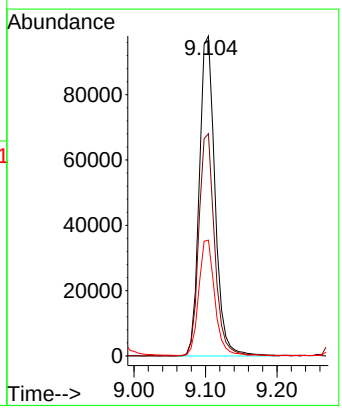


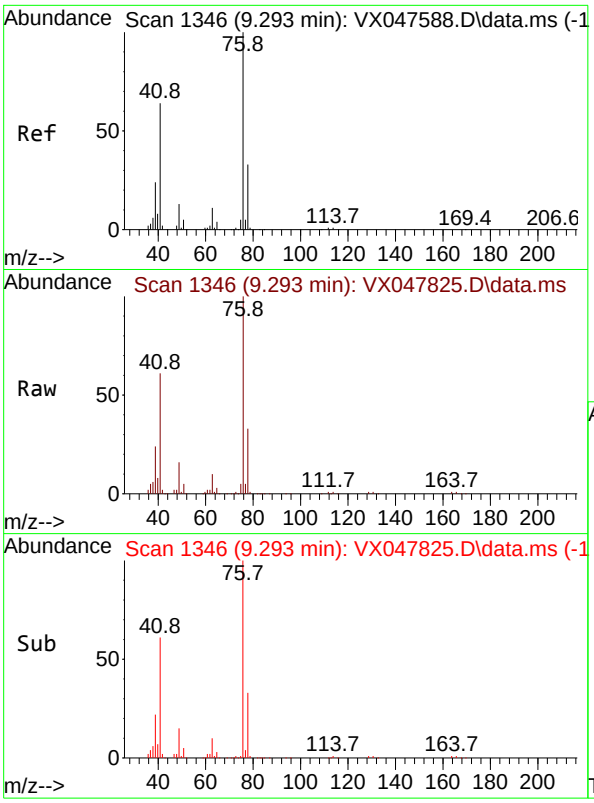


#56
Ethyl methacrylate
Concen: 54.348 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 69 Resp: 149303

Ion	Ratio	Lower	Upper
69	100		
41	70.4	58.6	87.8
39	36.5	31.5	47.3



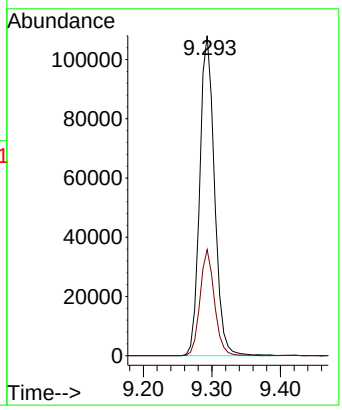


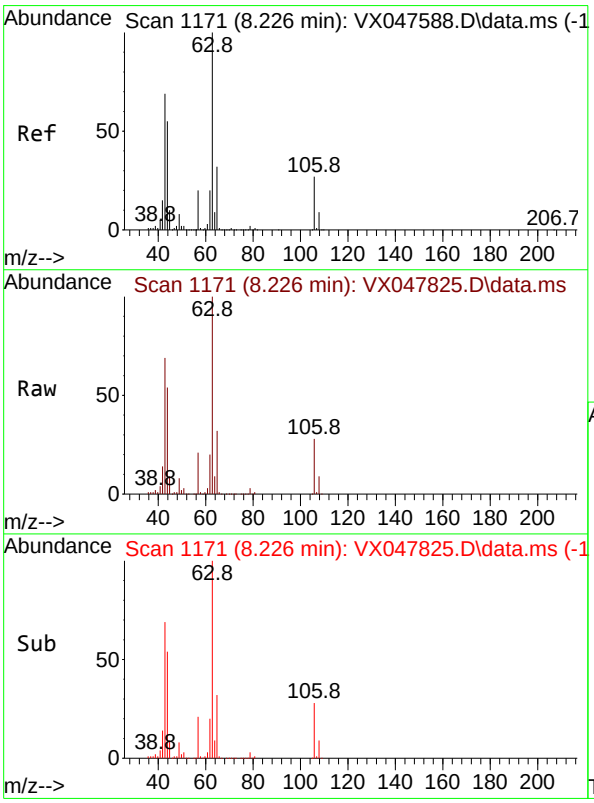
#57
1,3-Dichloropropane
Concen: 53.940 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 162085

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4

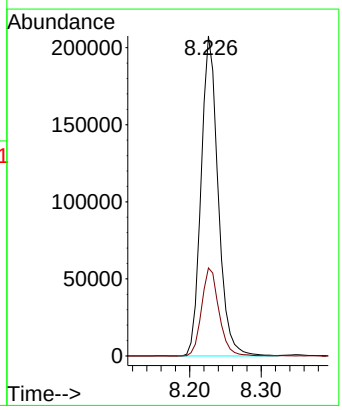


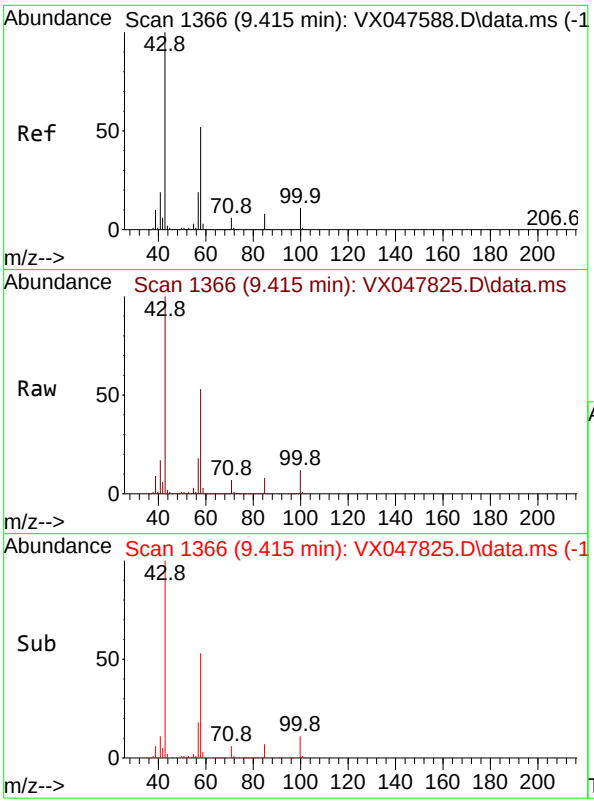


#58
2-Chloroethyl Vinyl ether
Concen: 261.058 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 63 Resp: 343671

Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.9	32.9



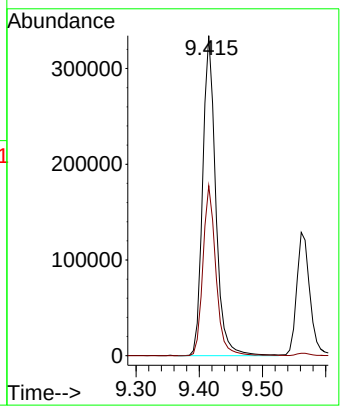


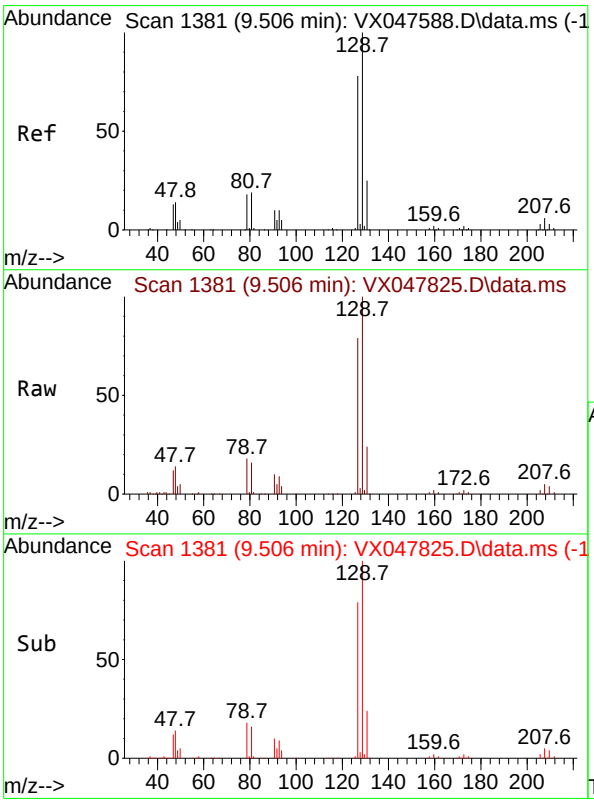
#59
2-Hexanone
Concen: 283.408 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 480443

Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.1	78.2

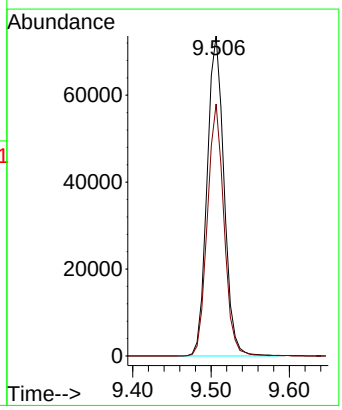


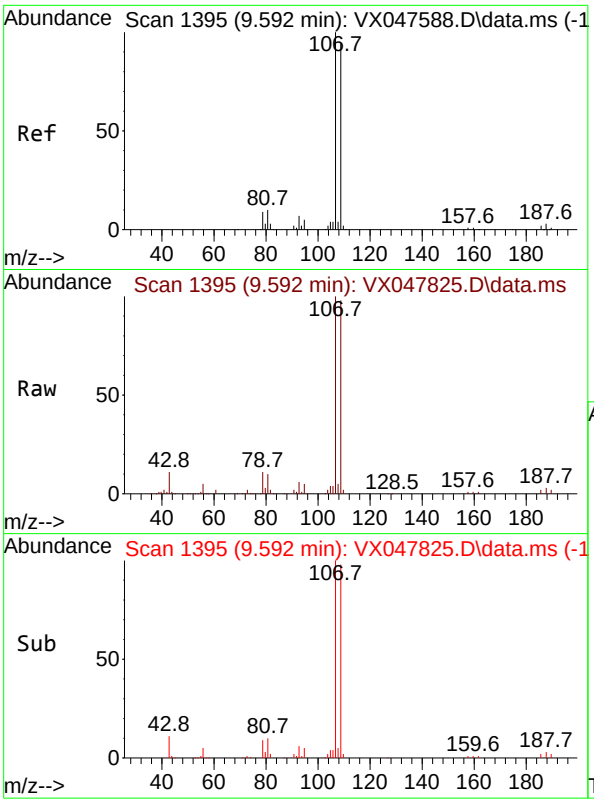


#60
Dibromochloromethane
Concen: 54.724 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:129 Resp: 110299

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.4	115.2



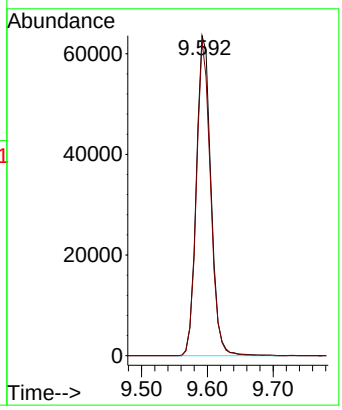


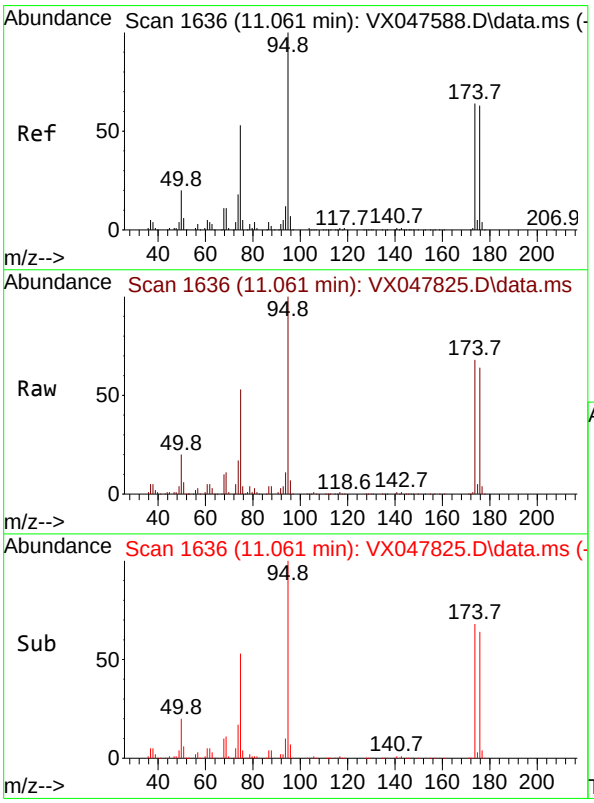
#61
1,2-Dibromoethane
Concen: 54.937 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 97882

Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.3	112.9

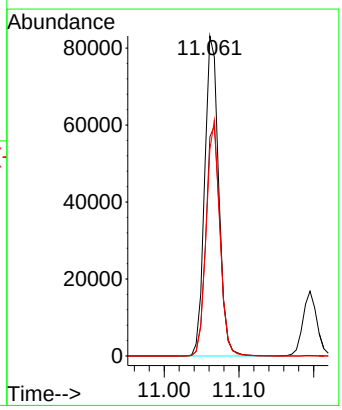


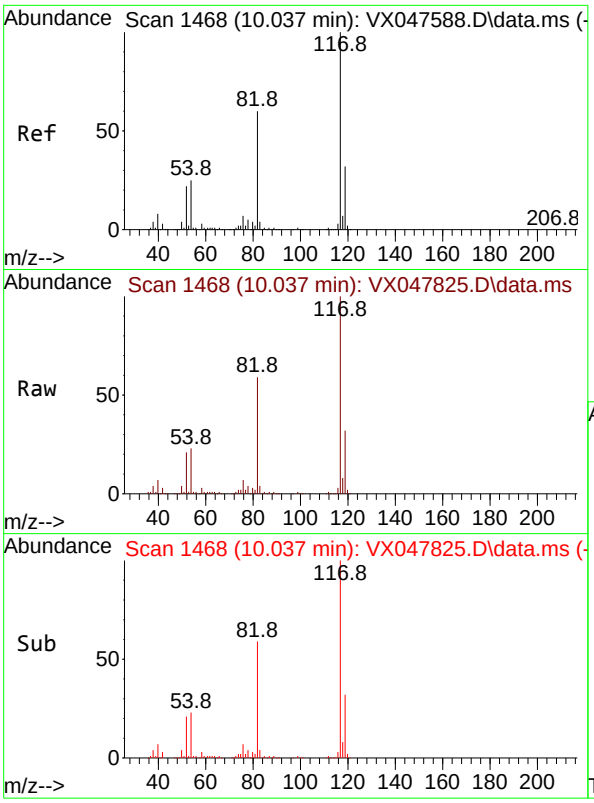


#62
4-Bromofluorobenzene
Concen: 49.551 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 95 Resp: 107959

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.6
176	71.2	0.0	138.4



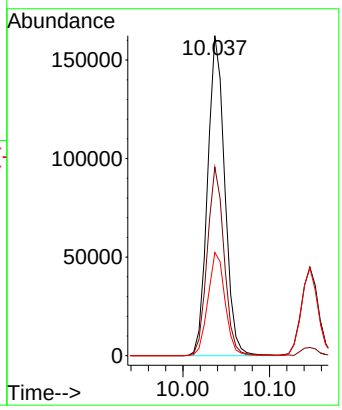


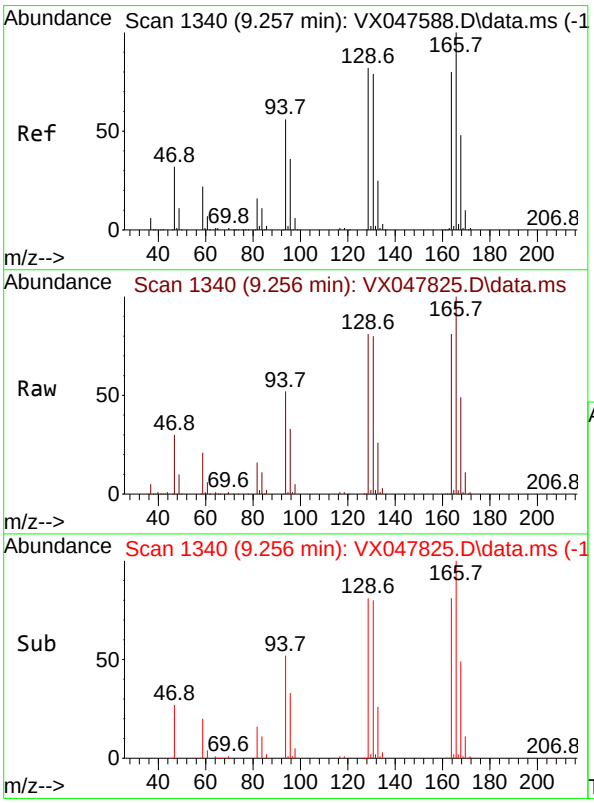
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 222999

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.8	71.6
119	32.3	25.2	37.8

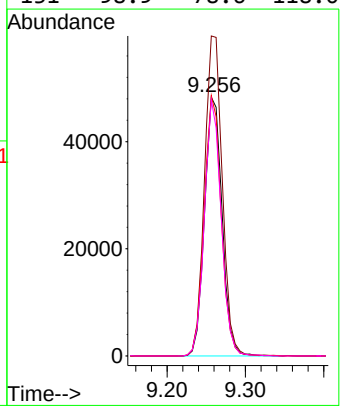


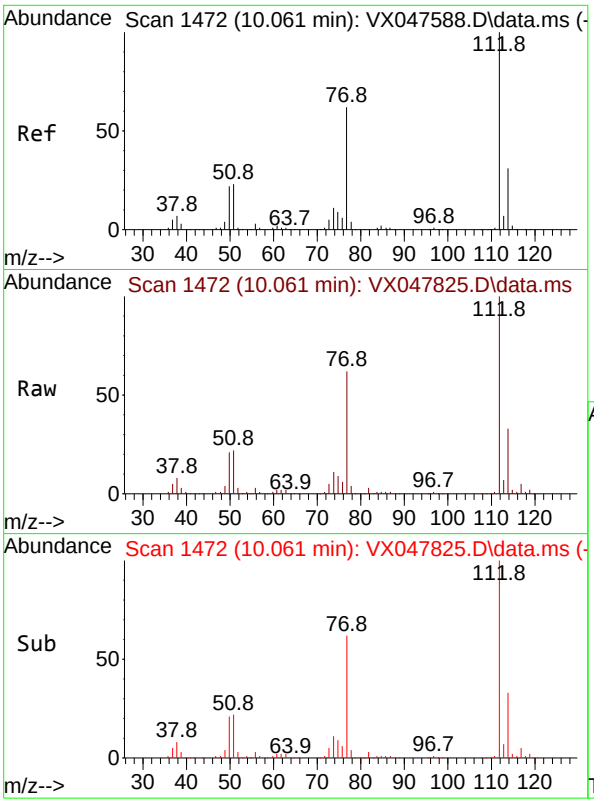


#64
Tetrachloroethene
Concen: 51.396 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:164 Resp: 74716

Ion	Ratio	Lower	Upper
164	100		
166	123.7	100.2	150.2
129	100.6	81.8	122.6
131	98.9	78.6	118.0



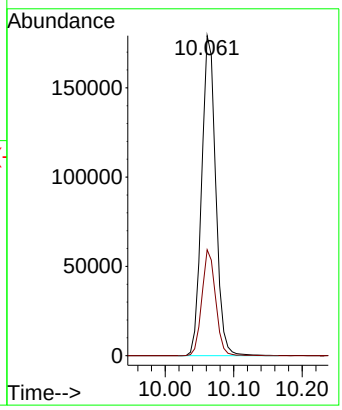


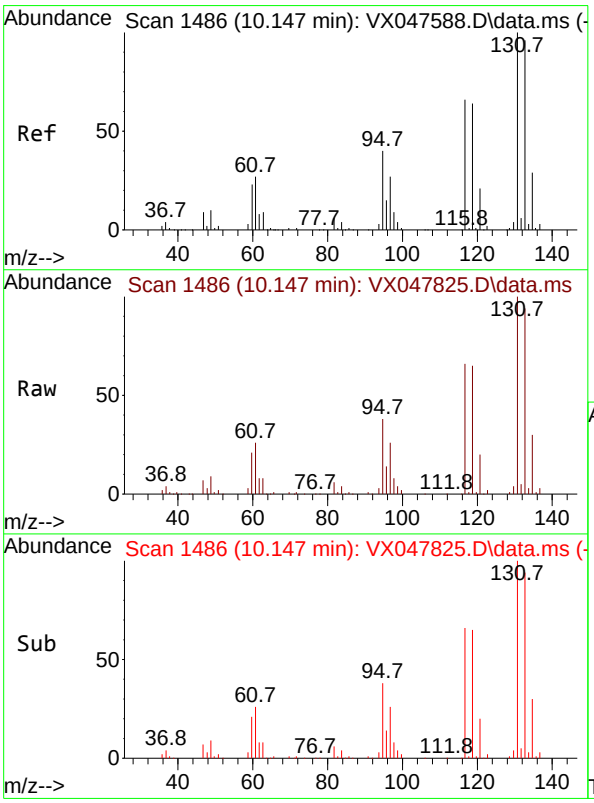
#65
Chlorobenzene
Concen: 50.504 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 255860

Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.1	37.7

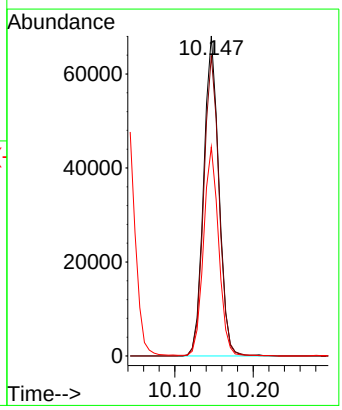


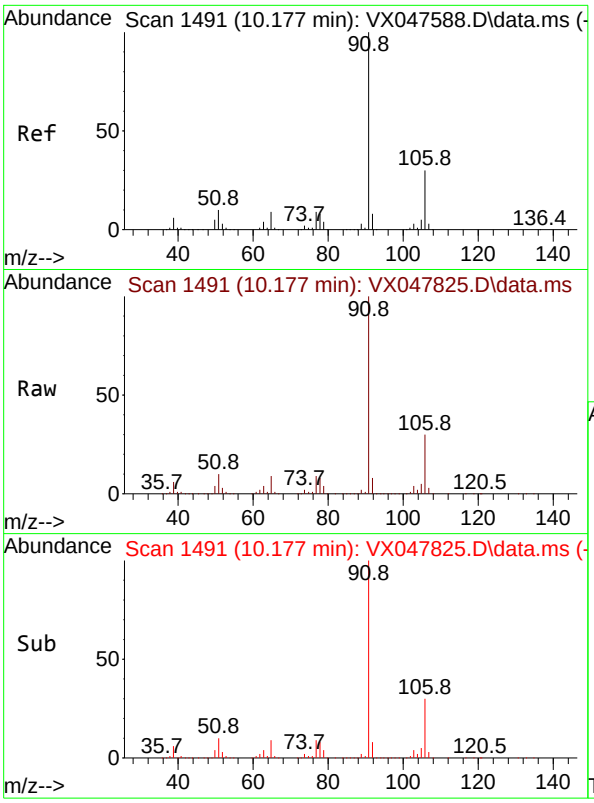


#66
1,1,1,2-Tetrachloroethane
Concen: 52.283 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:131 Resp: 91400

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.3	142.0
119	65.2	32.0	96.0



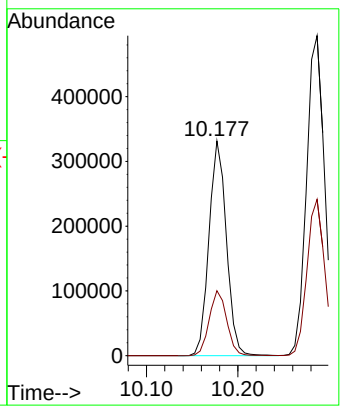


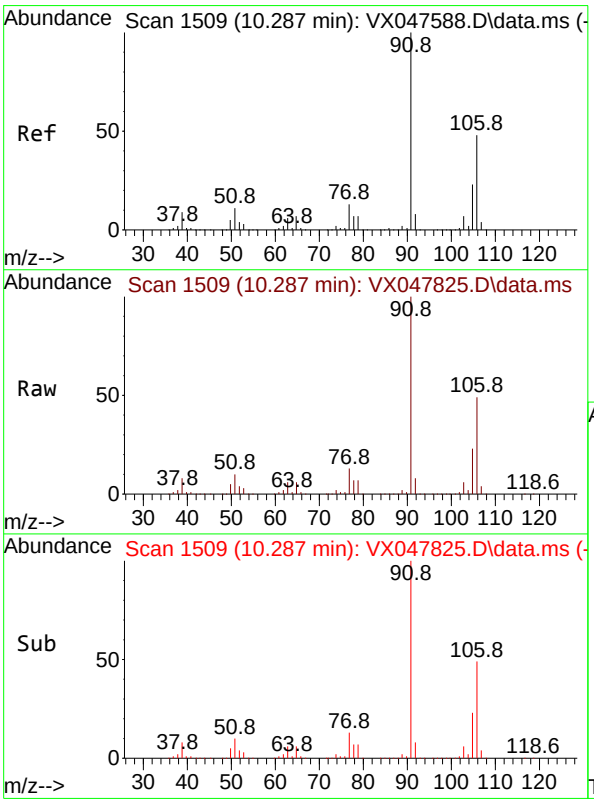
#67
Ethyl Benzene
Concen: 50.162 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 438472

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5

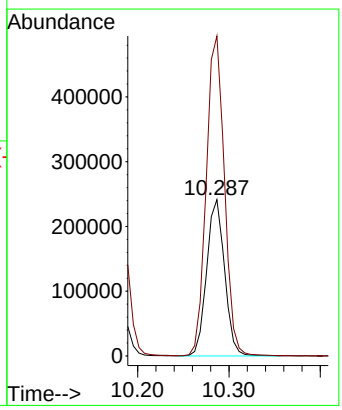


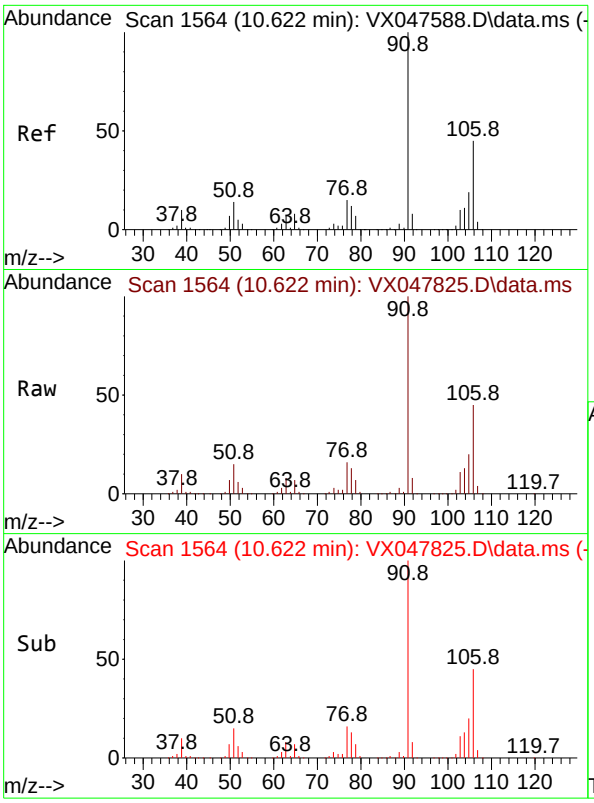


#68
m/p-Xylenes
Concen: 101.032 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:106 Resp: 328712

Ion	Ratio	Lower	Upper
106	100		
91	207.3	167.8	251.8



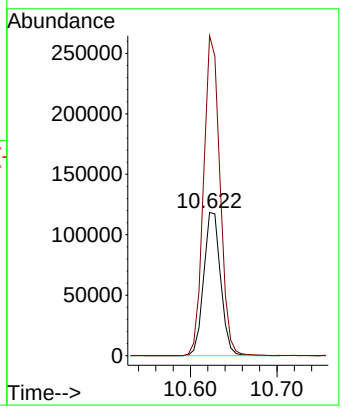


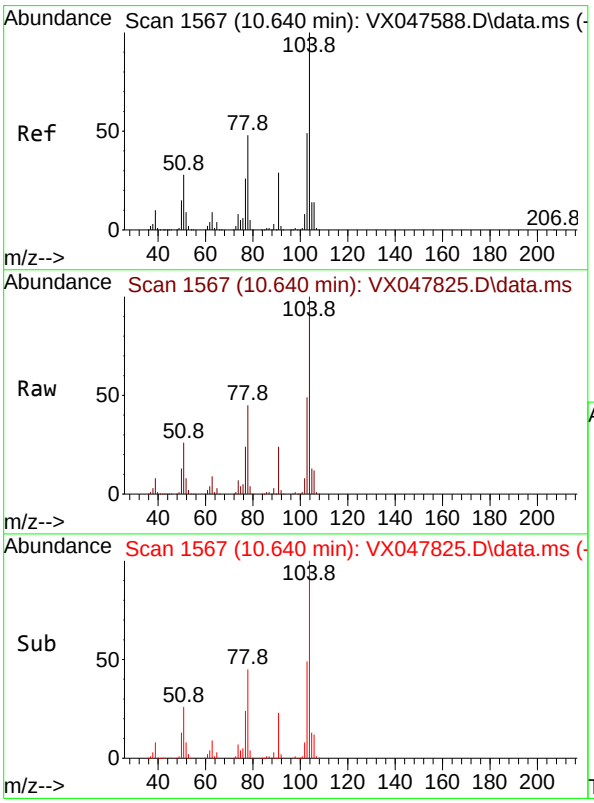
#69
o-Xylene
Concen: 51.141 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 160936

Ion	Ratio	Lower	Upper
106	100		
91	216.6	111.1	333.4

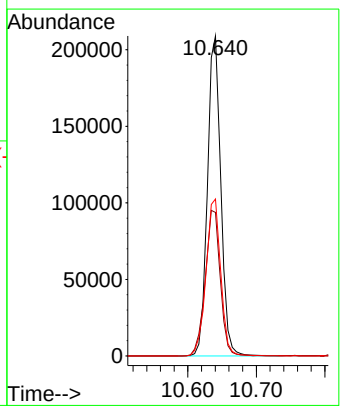


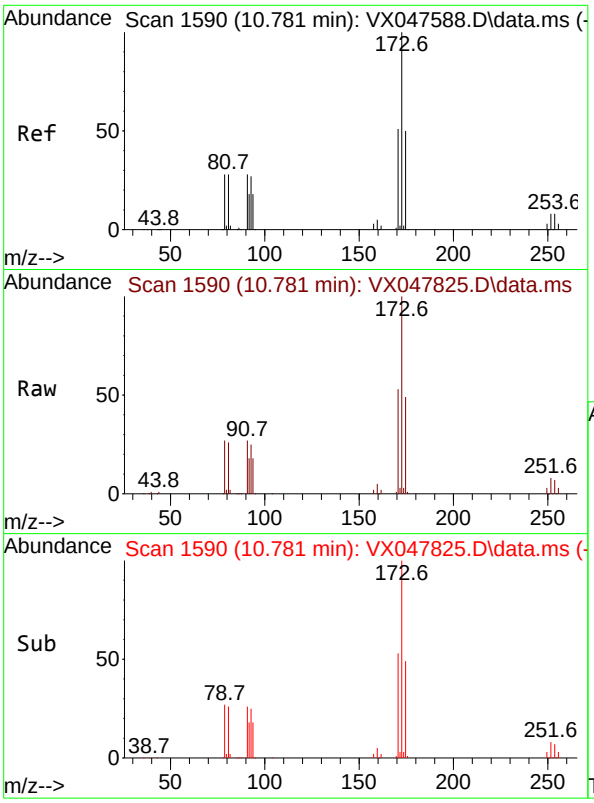


#70
Styrene
Concen: 51.539 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:104 Resp: 284190

Ion	Ratio	Lower	Upper
104	100		
78	51.3	43.1	64.7
103	53.9	43.1	64.7



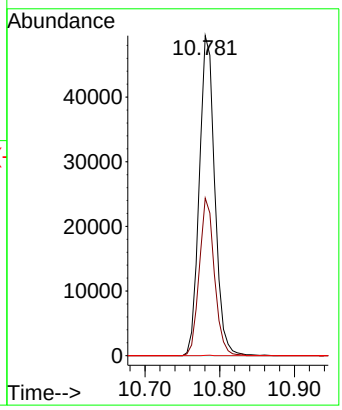


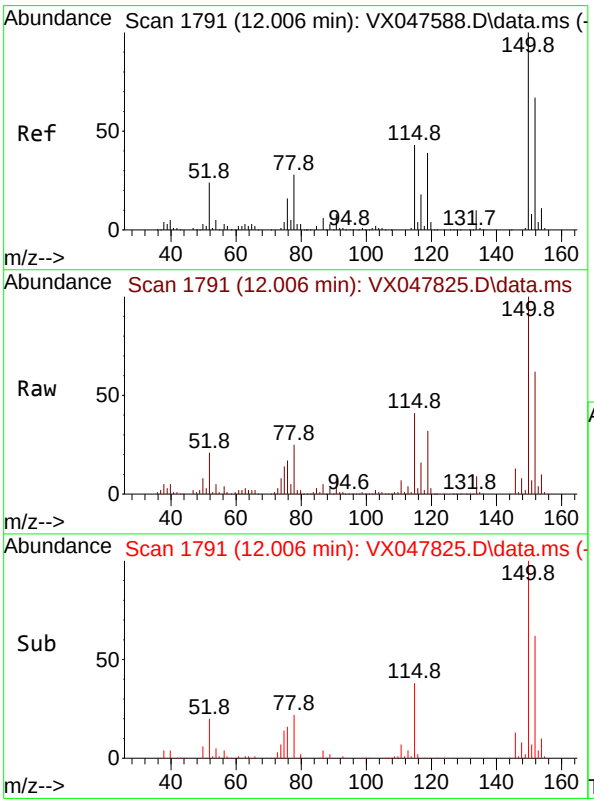
#71
Bromoform
Concen: 54.560 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 71220

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.9	74.6
254	0.1	0.1	0.1#

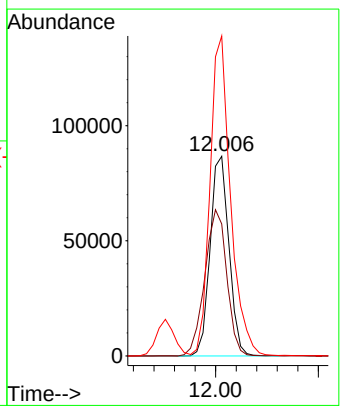


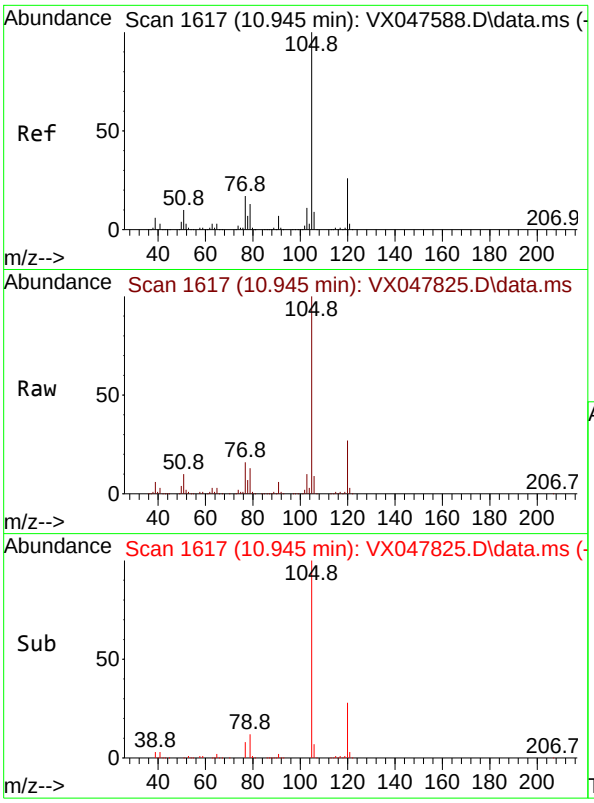


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:152 Resp: 110381

Ion	Ratio	Lower	Upper
152	100		
115	85.4	44.9	134.5
150	174.1	0.0	352.0



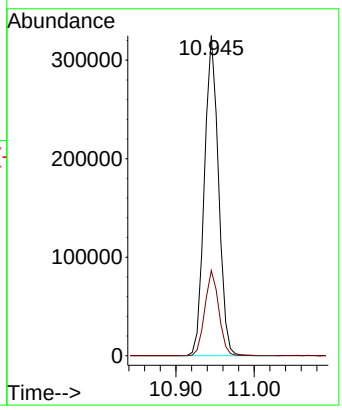


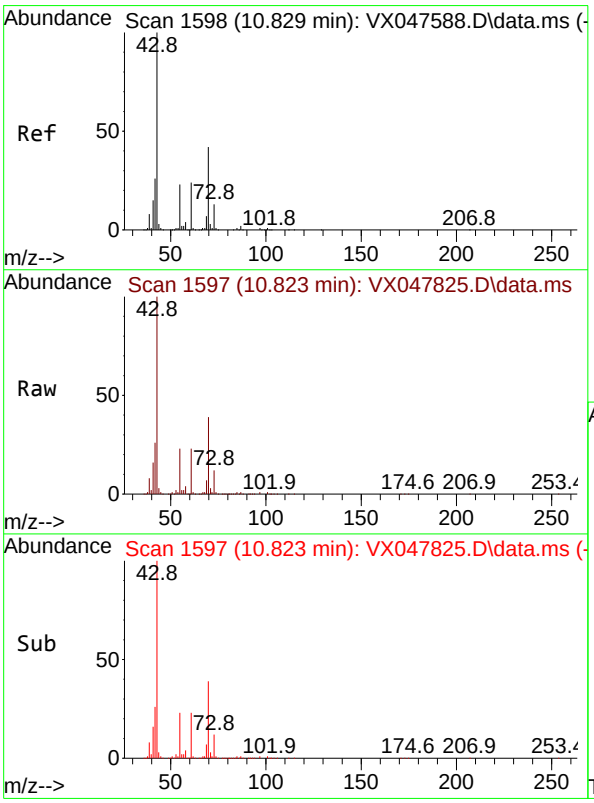
#73
Isopropylbenzene
Concen: 48.122 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 403833

Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.8	38.4

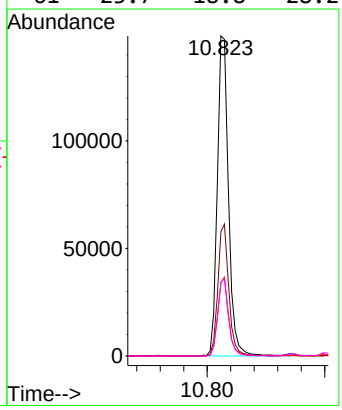


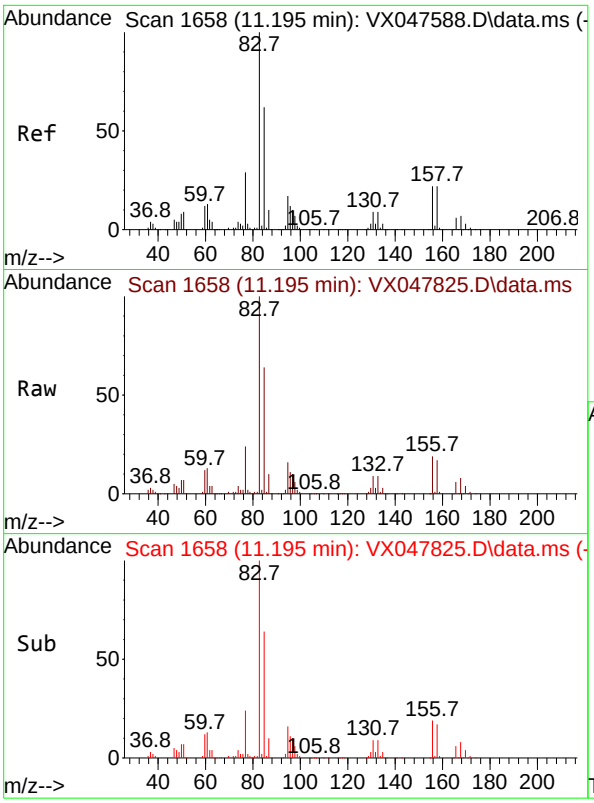


#74
N-amyl acetate
Concen: 51.163 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 43 Resp: 195791

Ion	Ratio	Lower	Upper
43	100		
70	40.3	32.0	48.0
55	23.9	18.9	28.3
61	23.7	18.8	28.2



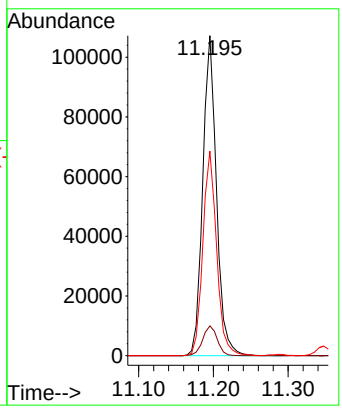


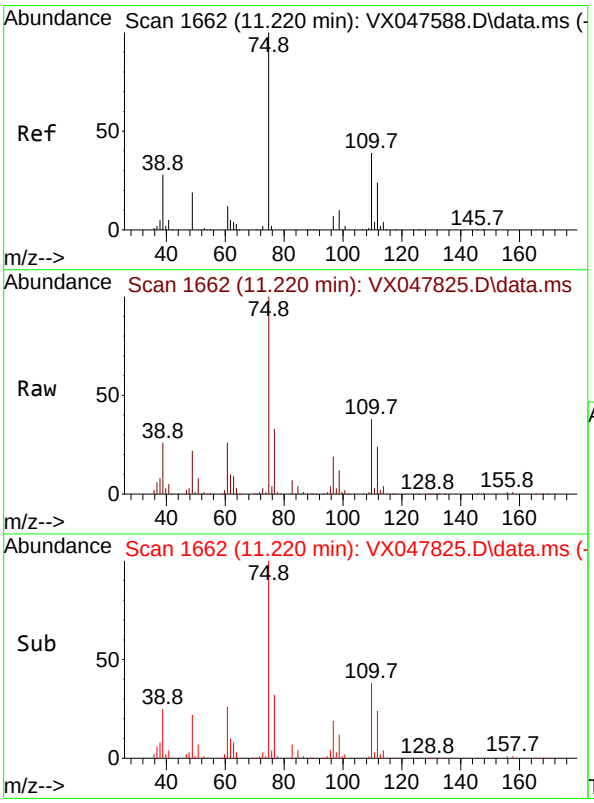
#75
1,1,2,2-Tetrachloroethane
Concen: 53.782 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 136550

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.4	31.6	95.0

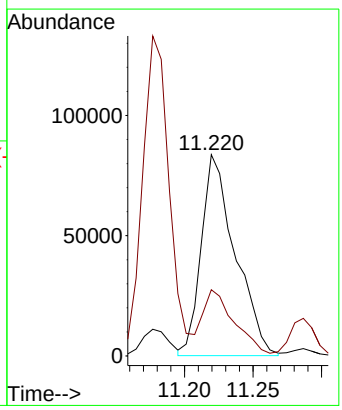


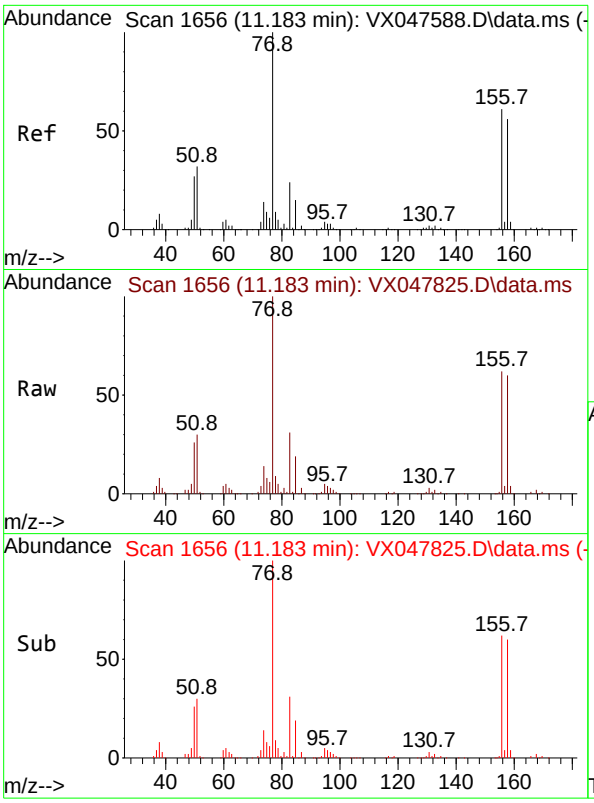


#76
1,2,3-Trichloropropane
Concen: 64.620 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 75 Resp: 144417

Ion	Ratio	Lower	Upper
75	100		
77	30.4	18.8	56.4



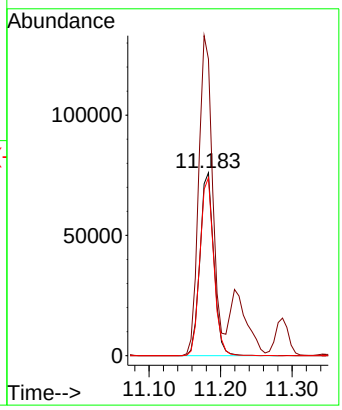


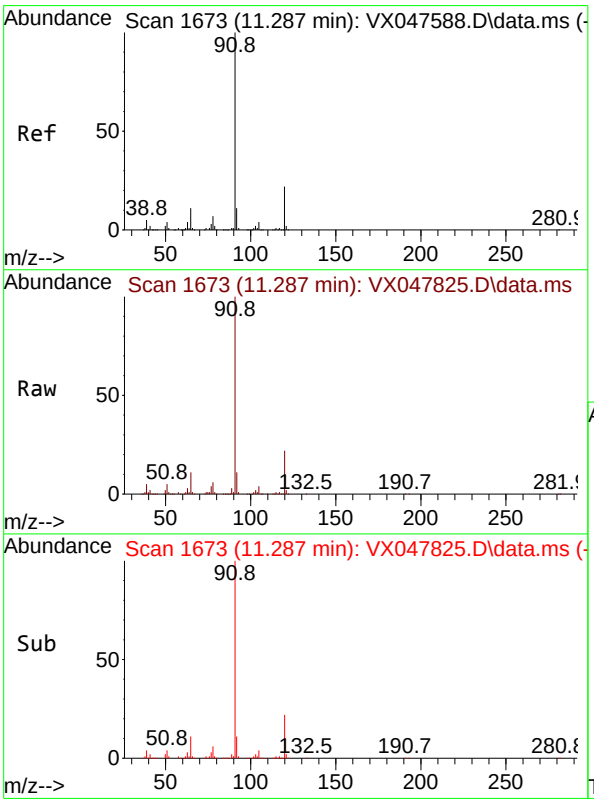
#77
Bromobenzene
Concen: 49.580 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 102475

Ion	Ratio	Lower	Upper
156	100		
77	177.1	89.7	269.1
158	97.4	47.9	143.6

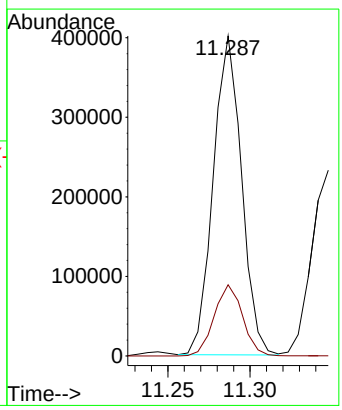


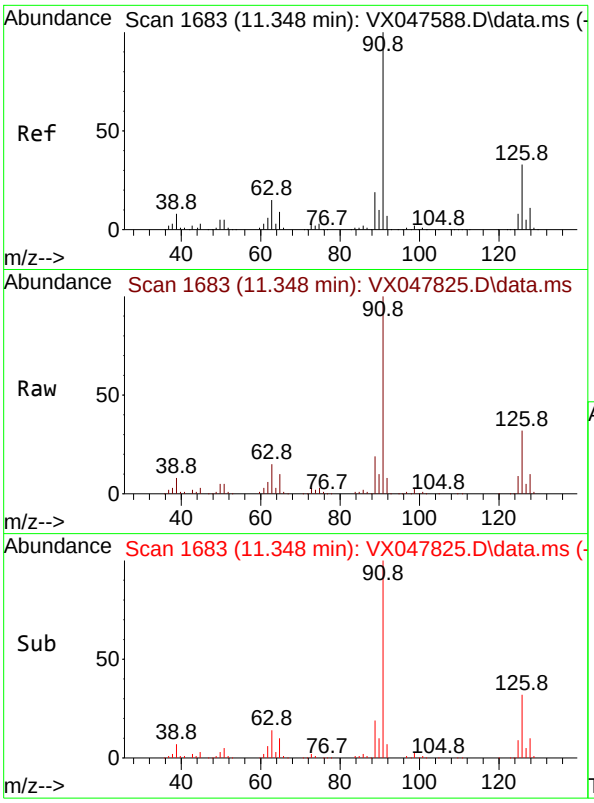


#78
n-propylbenzene
Concen: 48.313 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 91 Resp: 479279

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.1	33.1



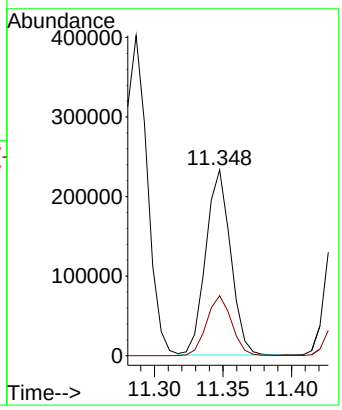


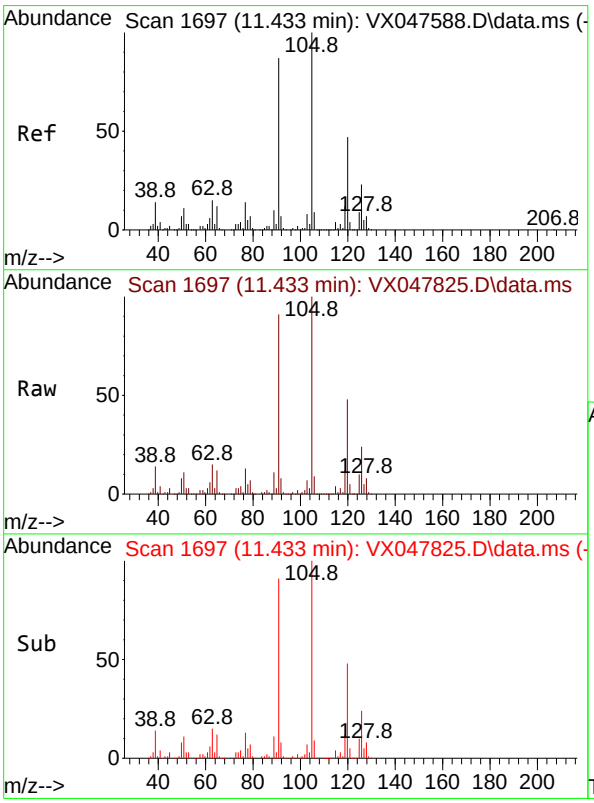
#79
2-Chlorotoluene
Concen: 48.461 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 294446

Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.3

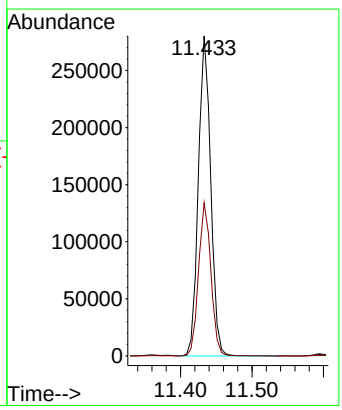


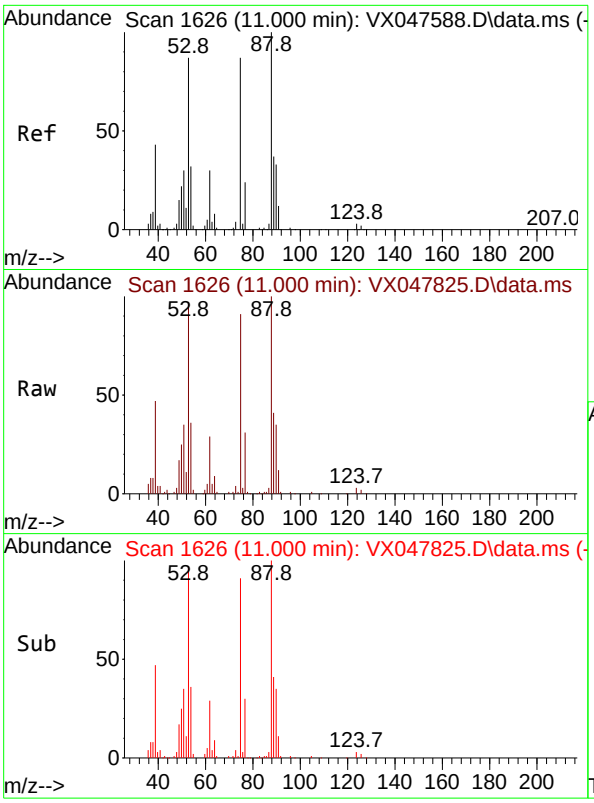


#80
1,3,5-Trimethylbenzene
Concen: 48.708 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:105 Resp: 335826

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.6	70.8



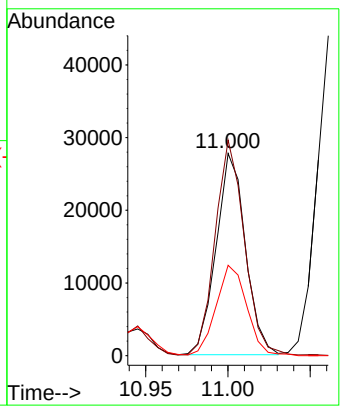


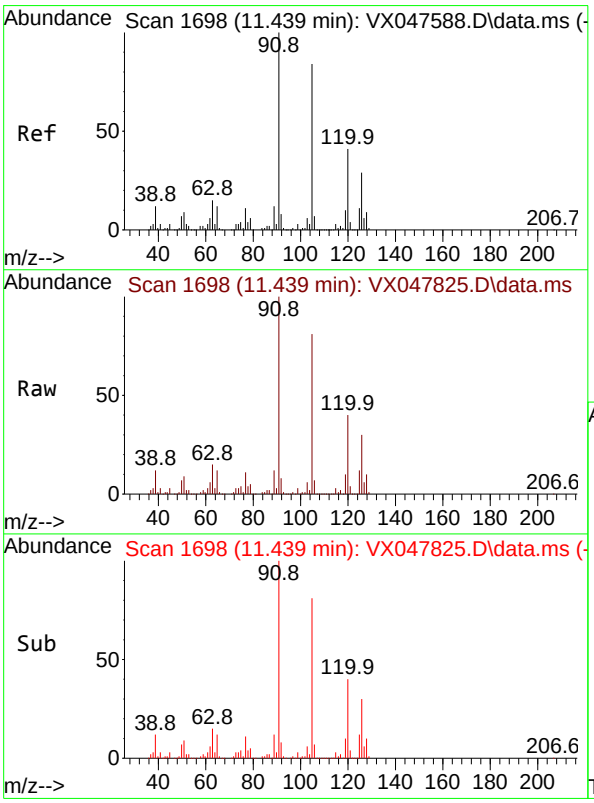
#81
trans-1,4-Dichloro-2-butene
Concen: 39.266 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 34412

Ion	Ratio	Lower	Upper
75	100		
53	107.3	83.4	125.2
89	46.9	36.3	54.5

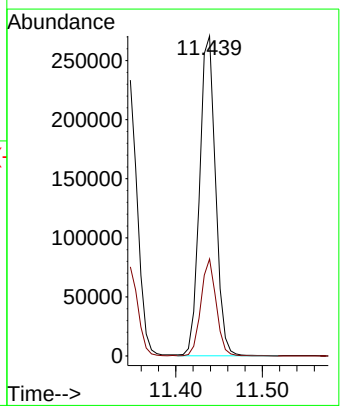


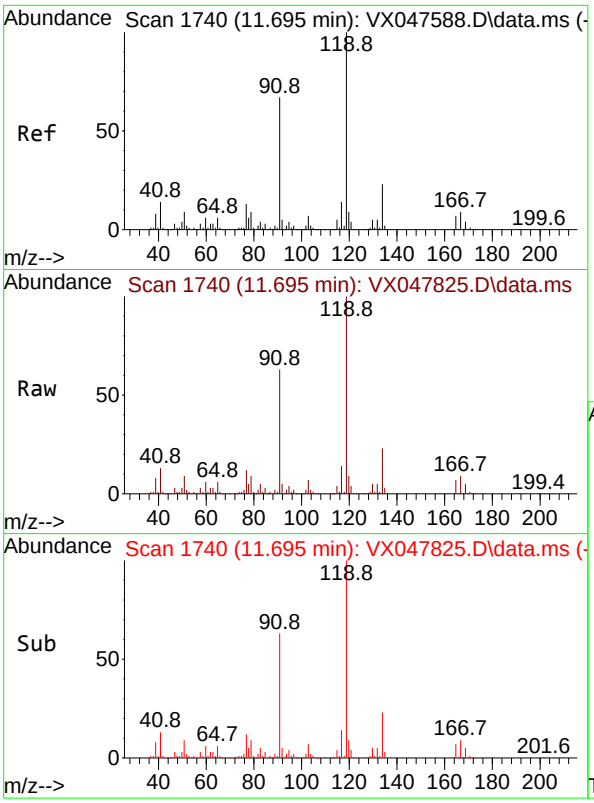


#82
4-Chlorotoluene
Concen: 48.090 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 91 Resp: 345097

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.2	42.6



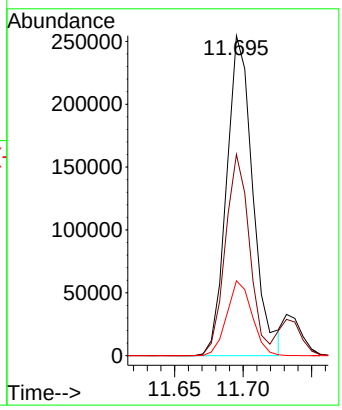


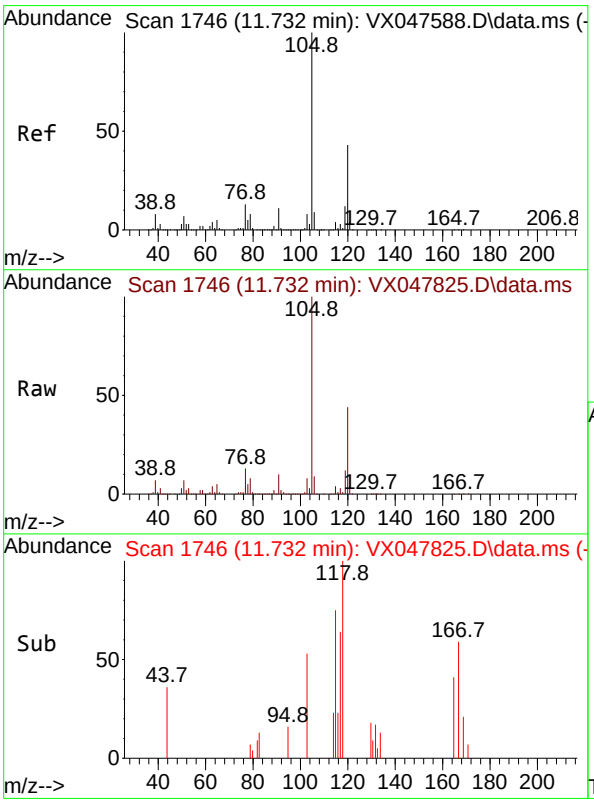
#83
tert-Butylbenzene
Concen: 48.002 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 338797

Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.6	88.8
134	22.6	11.0	33.0

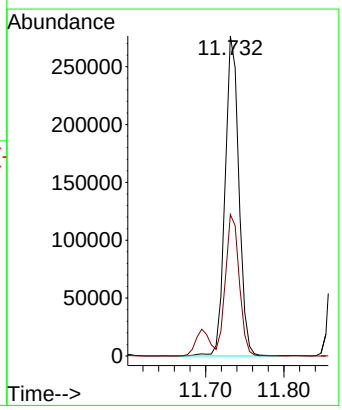


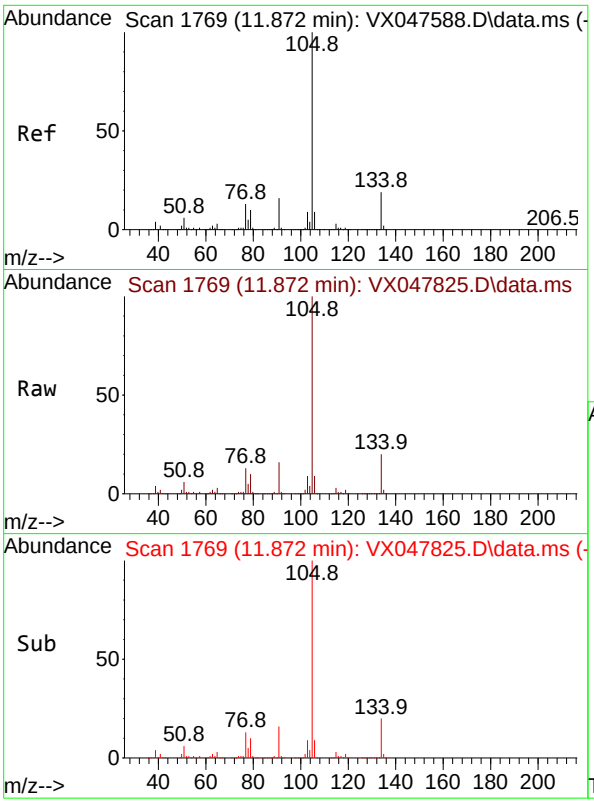


#84
1,2,4-Trimethylbenzene
Concen: 48.619 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:105 Resp: 339850

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.1



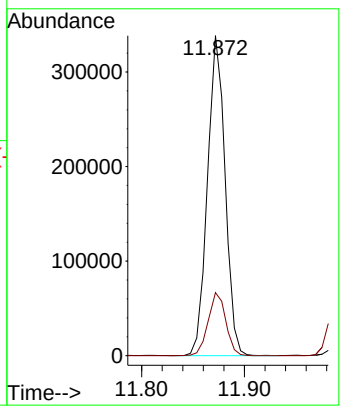


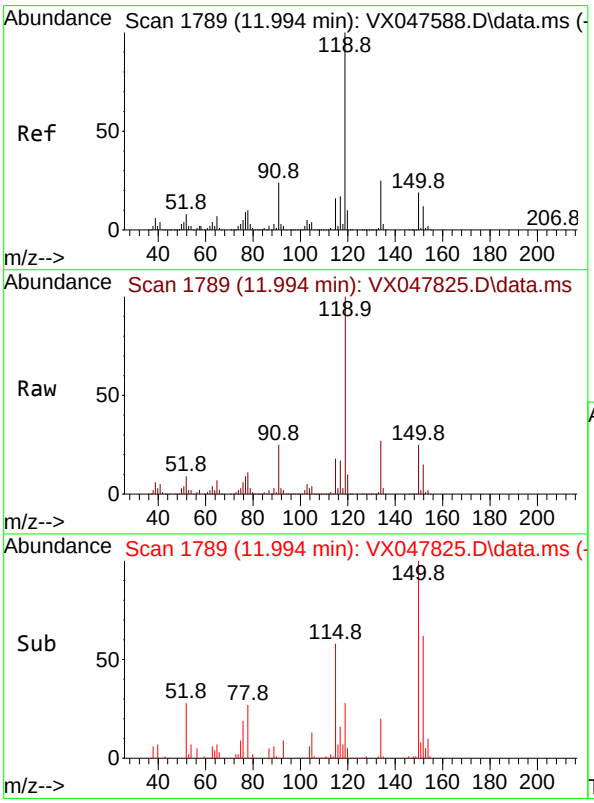
#85
sec-Butylbenzene
Concen: 48.114 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 403354

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5

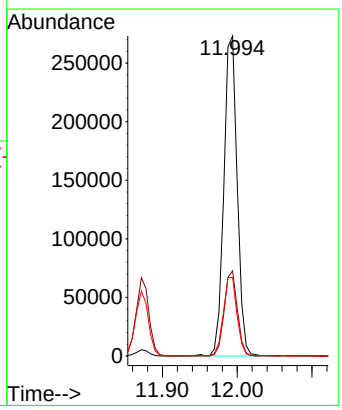


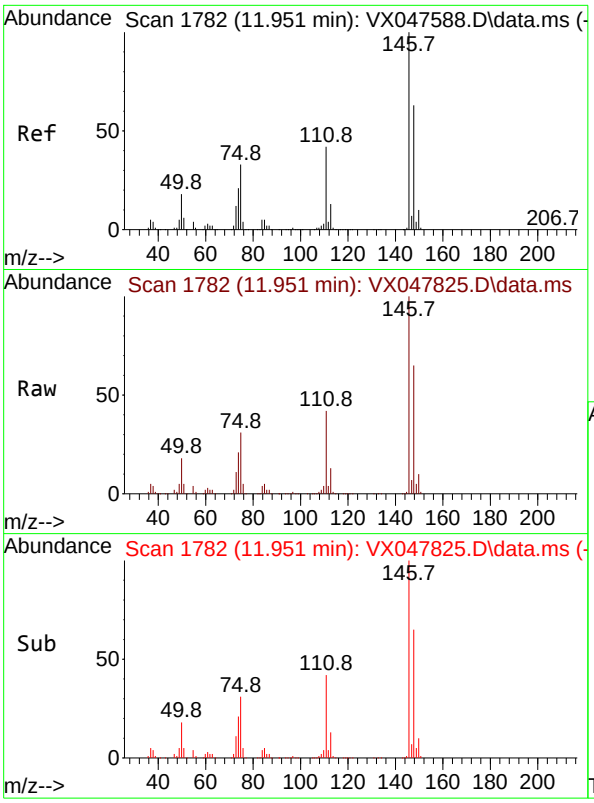


#86
p-Isopropyltoluene
Concen: 47.768 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:119 Resp: 339026

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.8
91	25.0	12.6	37.6



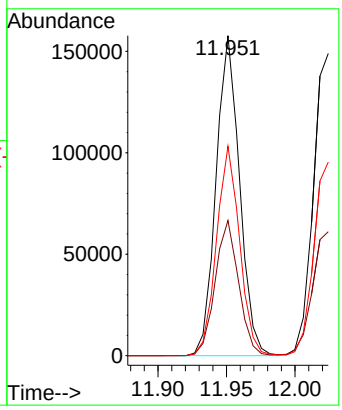


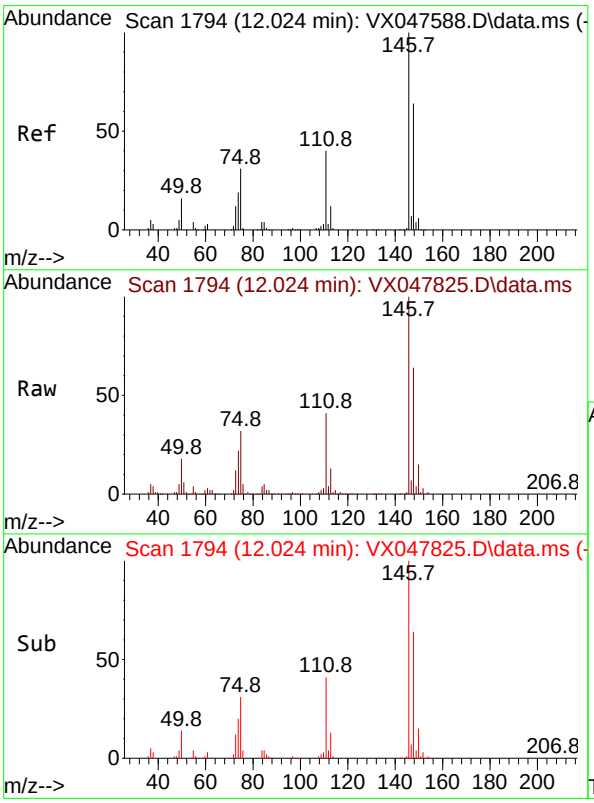
#87
1,3-Dichlorobenzene
Concen: 48.948 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 187911

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	64.5	32.0	96.0

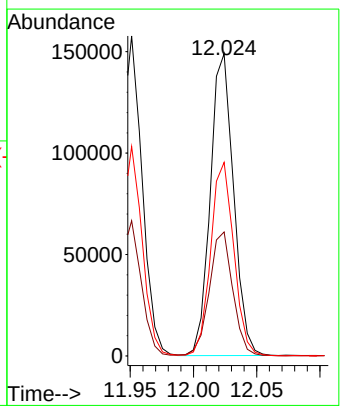


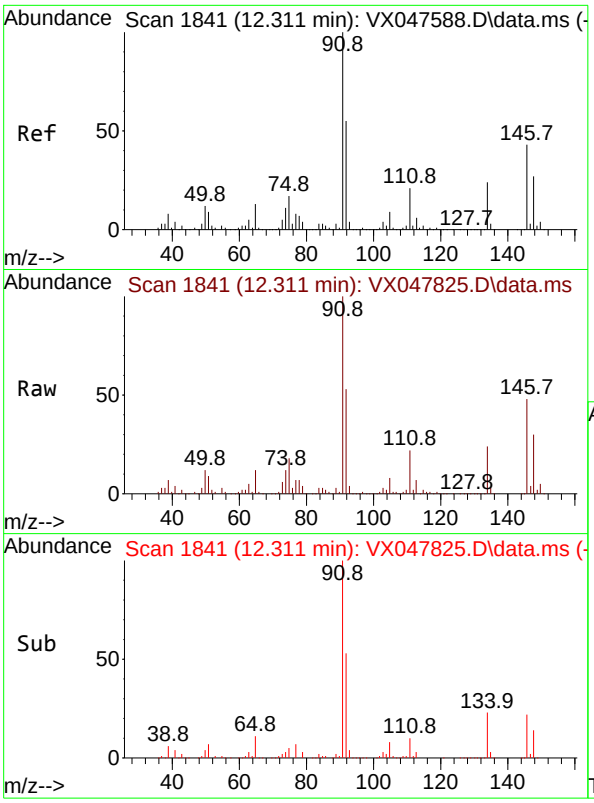


#88
1,4-Dichlorobenzene
Concen: 48.345 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:146 Resp: 190488

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.4
148	63.8	31.7	95.1



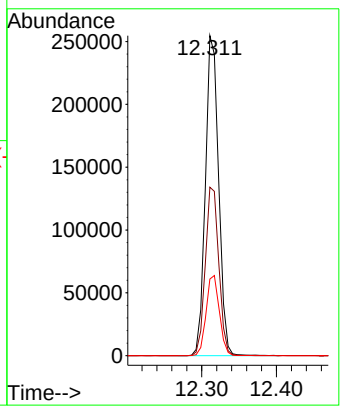


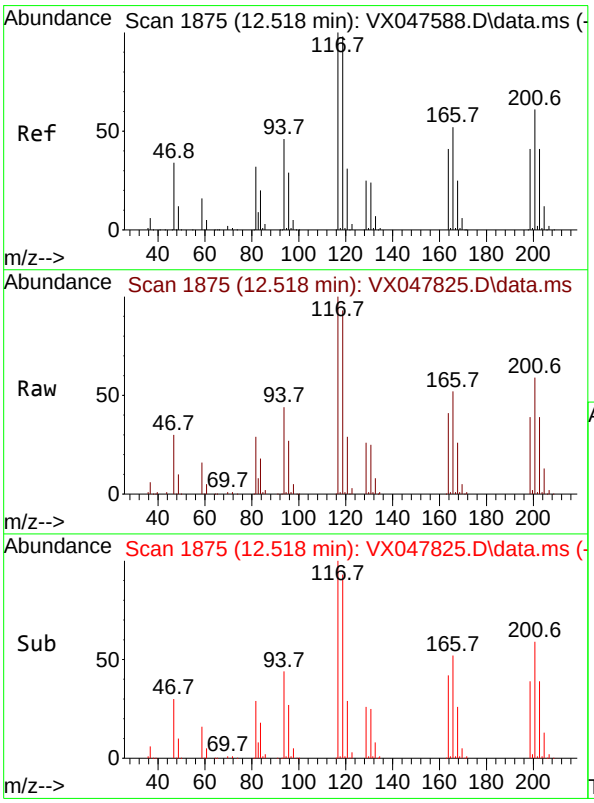
#89
n-Butylbenzene
Concen: 47.610 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 312663

Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.6	82.7
134	25.1	12.6	37.8

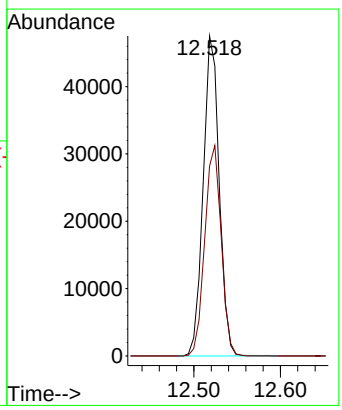


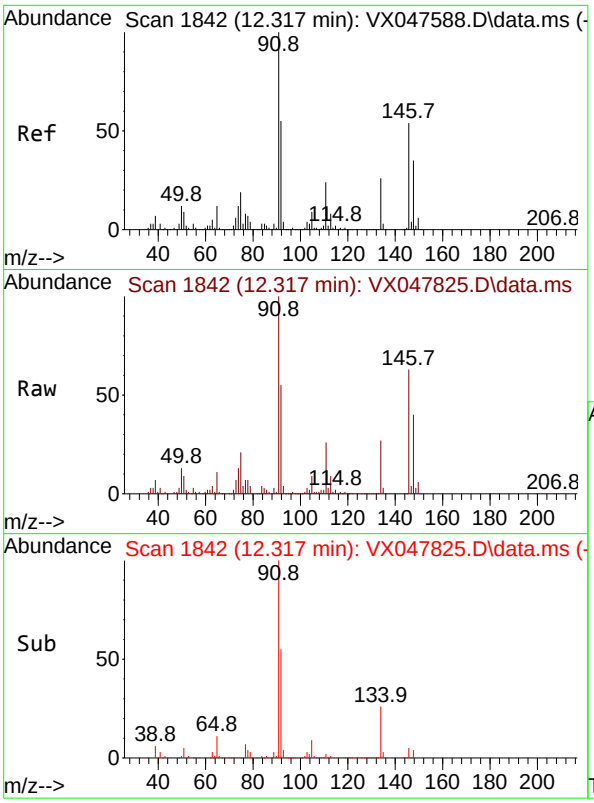


#90
Hexachloroethane
Concen: 48.933 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:117 Resp: 60975

Ion	Ratio	Lower	Upper
117	100		
201	67.6	34.2	102.5



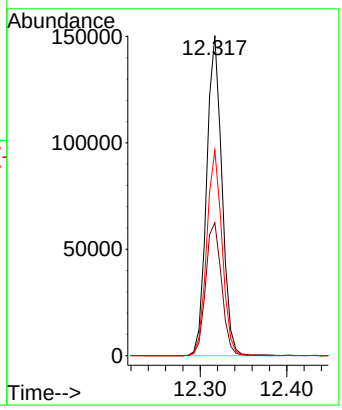


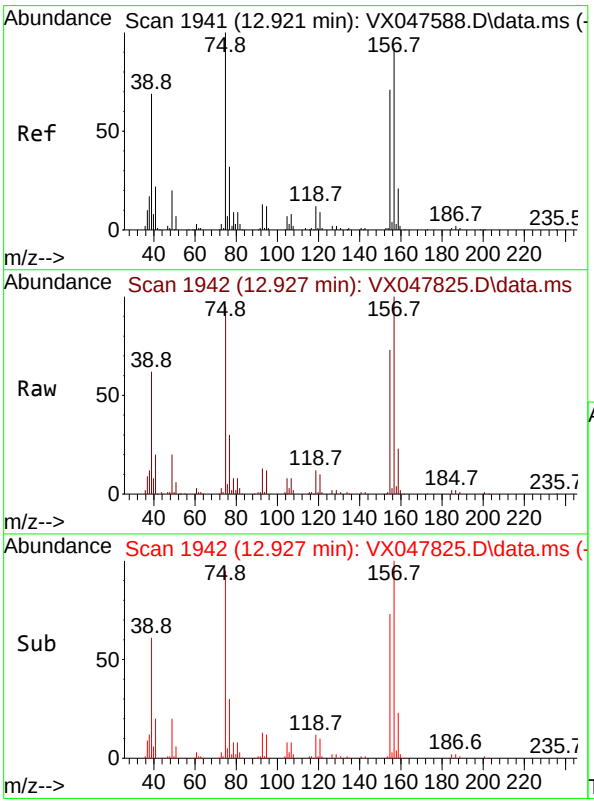
#91
1,2-Dichlorobenzene
Concen: 50.395 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 184316

Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.2	66.6
148	64.5	31.8	95.4

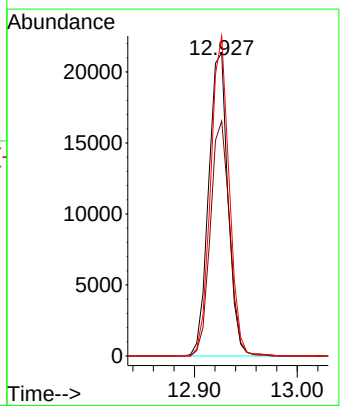


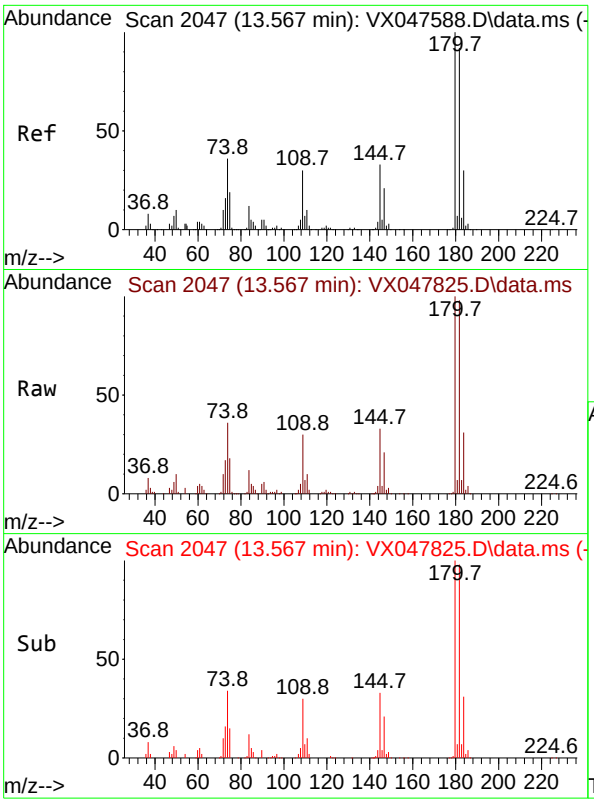


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.404 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion: 75 Resp: 27966

Ion	Ratio	Lower	Upper
75	100		
155	77.0	37.7	113.1
157	100.8	49.8	149.4



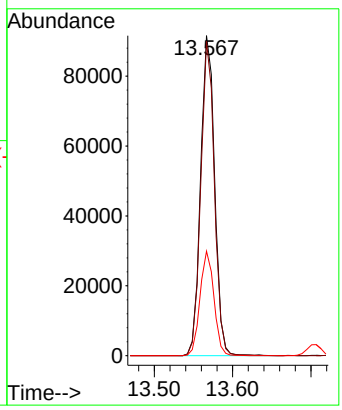


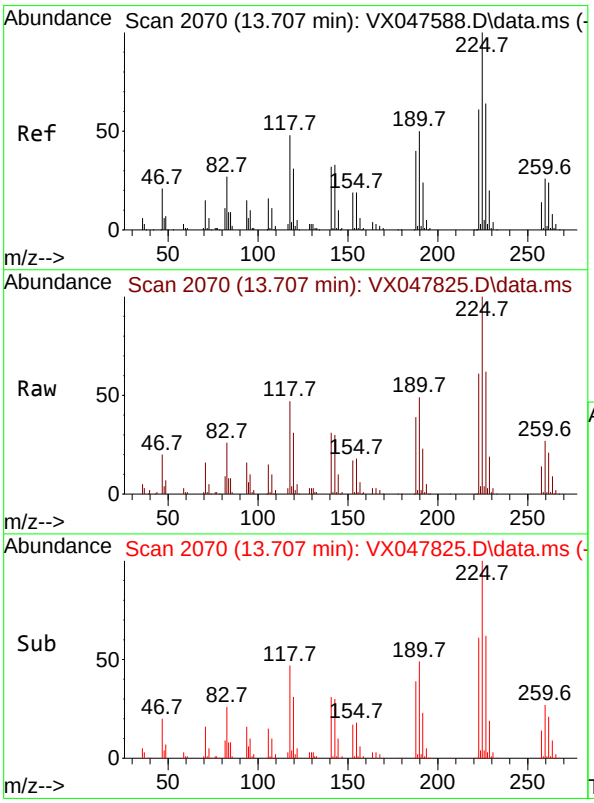
#93
1,2,4-Trichlorobenzene
Concen: 47.893 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 113843

Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.6	139.8
145	32.3	16.4	49.1

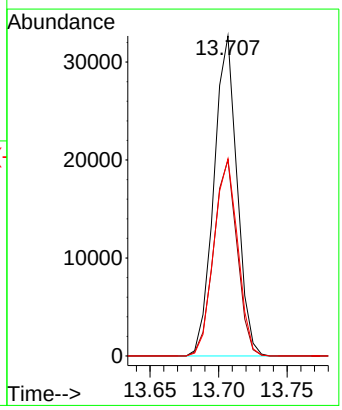


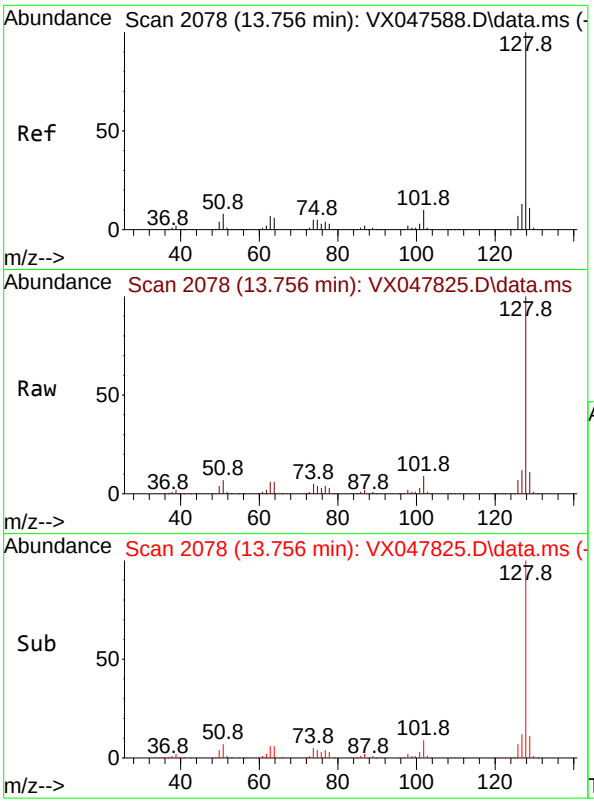


#94
Hexachlorobutadiene
Concen: 47.565 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:225 Resp: 38404

Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.7	95.1
227	63.3	32.0	96.0



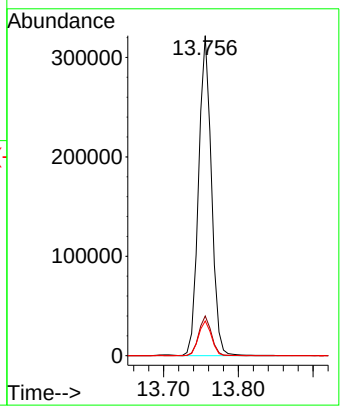


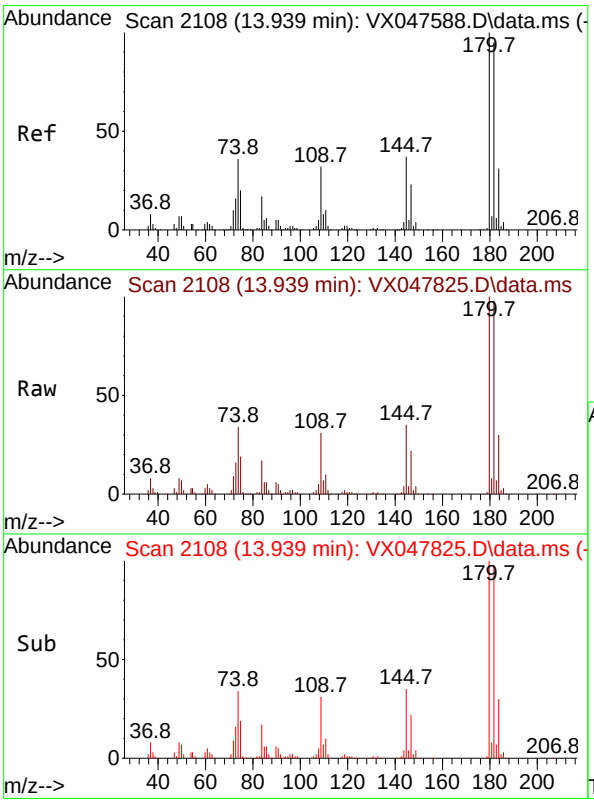
#95
Naphthalene
Concen: 53.058 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 384046

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.9	8.8	13.2

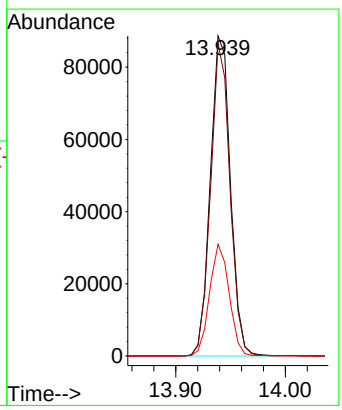




#96
1,2,3-Trichlorobenzene
Concen: 50.990 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047825.D
Acq: 26 Sep 2025 01:28

Tgt Ion:180 Resp: 112747

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.6	142.8
145	34.1	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047827.D
Acq On : 26 Sep 2025 02:31
Operator : JC/MD
Sample : VX0925WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Quant Time: Sep 26 03:57:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	143765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	265116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	122463	53.515	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.040%			
35) Dibromofluoromethane	5.373	113	96958	54.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.060%			
50) Toluene-d8	8.635	98	329938	53.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.260%			
62) 4-Bromofluorobenzene	11.061	95	127538	54.622	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	32194	21.625	ug/l	98
3) Chloromethane	1.301	50	40619	20.760	ug/l	98
4) Vinyl Chloride	1.380	62	39535	20.642	ug/l	97
5) Bromomethane	1.618	94	24497	20.170	ug/l	99
6) Chloroethane	1.697	64	26384	20.611	ug/l	99
7) Trichlorofluoromethane	1.898	101	57053	20.062	ug/l	99
8) Diethyl Ether	2.136	74	24129	20.742	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	32821	19.738	ug/l	99
10) Methyl Iodide	2.453	142	41232	15.899	ug/l	99
11) Tert butyl alcohol	2.941	59	27823	109.168	ug/l	99
12) 1,1-Dichloroethene	2.325	96	35111	20.556	ug/l	94
13) Acrolein	2.240	56	21441	91.292	ug/l	95
14) Allyl chloride	2.666	41	65666	18.630	ug/l	97
15) Acrylonitrile	3.056	53	111568	118.182	ug/l	99
16) Acetone	2.374	43	92499	92.964	ug/l	98
17) Carbon Disulfide	2.514	76	92622	19.808	ug/l	99
18) Methyl Acetate	2.703	43	54785	24.741	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	130465	20.924	ug/l	98
20) Methylene Chloride	2.788	84	45408	21.560	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	38217	20.782	ug/l	100
22) Diisopropyl ether	3.751	45	145245	21.263	ug/l	85
23) Vinyl Acetate	3.715	43	571336	104.505	ug/l	97
24) 1,1-Dichloroethane	3.605	63	76371	21.035	ug/l	98
25) 2-Butanone	4.544	43	139709	112.566	ug/l	97
26) 2,2-Dichloropropane	4.465	77	37468	12.415	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	47411	21.052	ug/l	93
28) Bromochloromethane	4.891	49	32122	20.266	ug/l	98
29) Tetrahydrofuran	4.989	42	90591	121.332	ug/l	98
30) Chloroform	5.074	83	79309	21.617	ug/l	99
31) Cyclohexane	5.465	56	58277	19.272	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	63904	20.535	ug/l	99
36) 1,1-Dichloropropene	5.684	75	48788	18.778	ug/l	98
37) Ethyl Acetate	4.702	43	58192	20.919	ug/l	99
38) Carbon Tetrachloride	5.666	117	53795	19.057	ug/l	94
39) Methylcyclohexane	7.367	83	52135	17.678	ug/l	97
40) Benzene	6.025	78	161701	20.492	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047827.D
Acq On : 26 Sep 2025 02:31
Operator : JC/MD
Sample : VX0925WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Quant Time: Sep 26 03:57:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	31690	22.066	ug/l		96
42) 1,2-Dichloroethane	6.074	62	59857	19.936	ug/l		96
43) Isopropyl Acetate	6.324	43	96750	21.206	ug/l		99
44) Trichloroethene	7.117	130	38306	20.079	ug/l		97
45) 1,2-Dichloropropane	7.415	63	42485	21.026	ug/l		100
46) Dibromomethane	7.568	93	31123	21.166	ug/l		97
47) Bromodichloromethane	7.806	83	62375	20.557	ug/l		99
48) Methyl methacrylate	7.678	41	45967	20.227	ug/l		96
49) 1,4-Dioxane	7.653	88	11885	517.489	ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	293135	115.883	ug/l		99
52) Toluene	8.702	92	98632	20.288	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	57154	18.467	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	61851	18.697	ug/l		97
55) 1,1,2-Trichloroethane	9.135	97	40400	21.551	ug/l		97
56) Ethyl methacrylate	9.104	69	61448	20.872	ug/l		98
57) 1,3-Dichloropropane	9.293	76	69498	21.581	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	133073	101.652	ug/l		100
59) 2-Hexanone	9.415	43	205208	112.954	ug/l		99
60) Dibromochloromethane	9.506	129	46362	21.464	ug/l		100
61) 1,2-Dibromoethane	9.592	107	43013	22.527	ug/l		97
64) Tetrachloroethene	9.257	164	32183	20.244	ug/l		97
65) Chlorobenzene	10.061	112	109575	19.778	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	38243	20.004	ug/l		99
67) Ethyl Benzene	10.177	91	181389	18.975	ug/l		99
68) m/p-Xylenes	10.287	106	140253	39.418	ug/l		98
69) o-Xylene	10.628	106	66978	19.462	ug/l		99
70) Styrene	10.640	104	119054	19.743	ug/l		98
71) Bromoform	10.781	173	29665	20.781	ug/l	#	98
73) Isopropylbenzene	10.945	105	172097	18.509	ug/l		100
74) N-amyl acetate	10.829	43	82094	19.362	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	59528	21.161	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	60012	24.236	ug/l		92
77) Bromobenzene	11.183	156	44957	19.632	ug/l		98
78) n-propylbenzene	11.287	91	202799	18.451	ug/l		100
79) 2-Chlorotoluene	11.348	91	124673	18.519	ug/l		97
80) 1,3,5-Trimethylbenzene	11.433	105	145509	19.048	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	14706	15.145	ug/l		98
82) 4-Chlorotoluene	11.439	91	150138	18.883	ug/l		99
83) tert-Butylbenzene	11.695	119	141812	18.134	ug/l		98
84) 1,2,4-Trimethylbenzene	11.738	105	146234	18.881	ug/l		100
85) sec-Butylbenzene	11.872	105	171520	18.466	ug/l		100
86) p-Isopropyltoluene	11.994	119	144542	18.381	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	83102	19.537	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	83133	19.043	ug/l		99
89) n-Butylbenzene	12.317	91	129751	17.832	ug/l		98
90) Hexachloroethane	12.518	117	25755	18.654	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	79663	19.658	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	11086	19.465	ug/l		94
93) 1,2,4-Trichlorobenzene	13.567	180	47628	18.084	ug/l		99
94) Hexachlorobutadiene	13.707	225	15861	17.730	ug/l		100
95) Naphthalene	13.756	128	152643	19.033	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	46519	18.988	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047827.D
Acq On : 26 Sep 2025 02:31
Operator : JC/MD
Sample : VX0925WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Quant Time: Sep 26 03:57:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

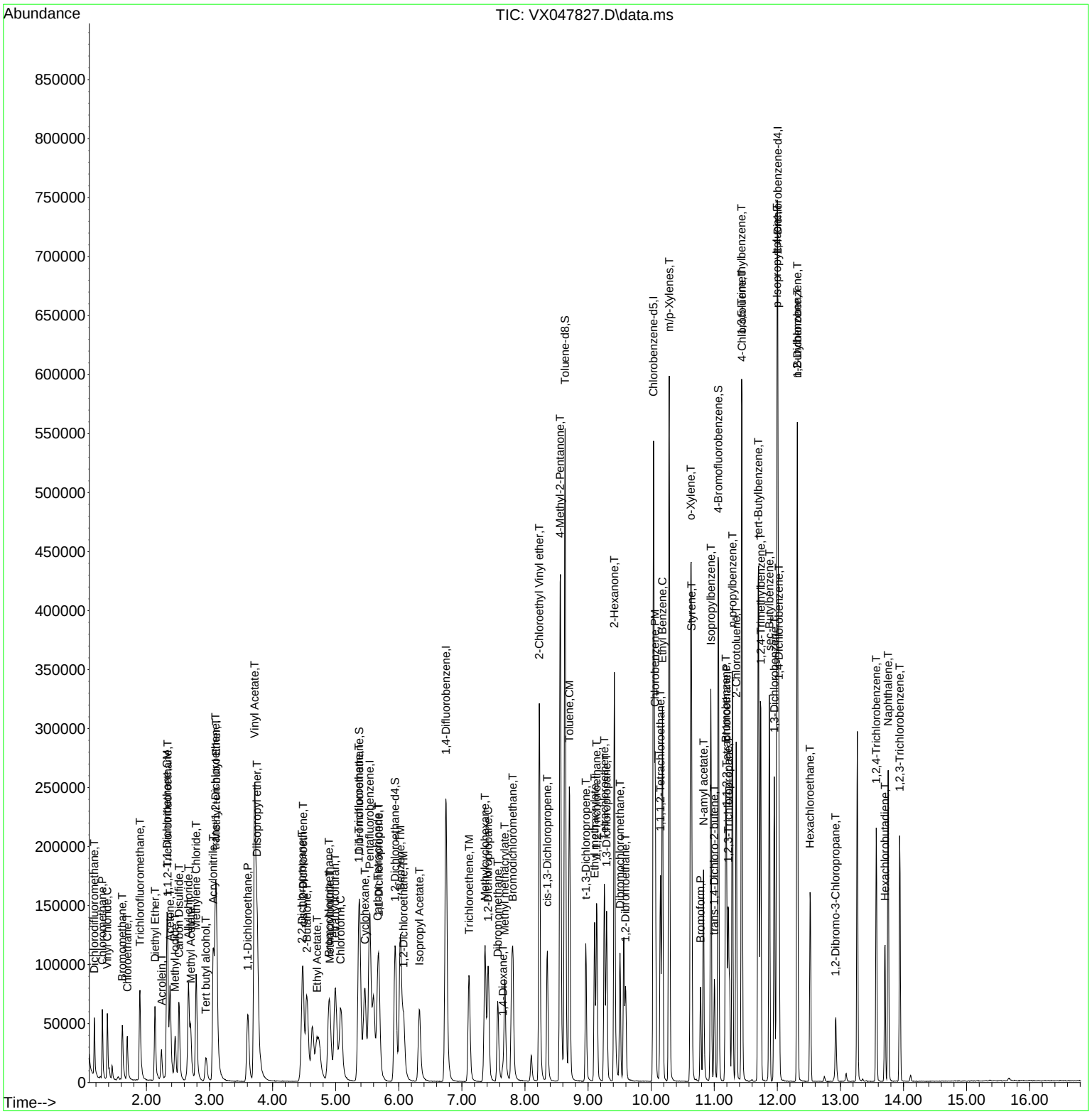
(#) = qualifier out of range (m) = manual integration (+) = signals summed

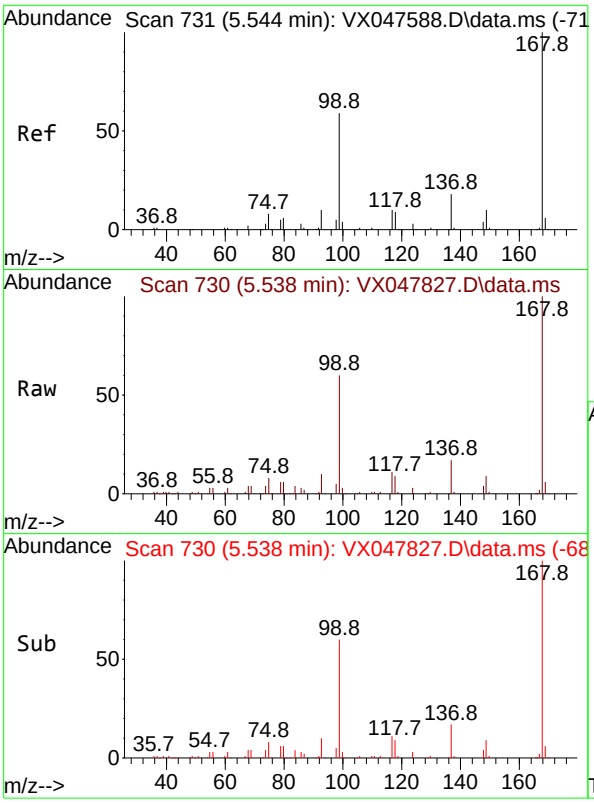
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047827.D
Acq On : 26 Sep 2025 02:31
Operator : JC/MD
Sample : VX0925WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Quant Time: Sep 26 03:57:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



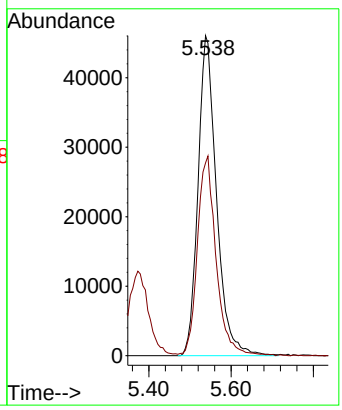


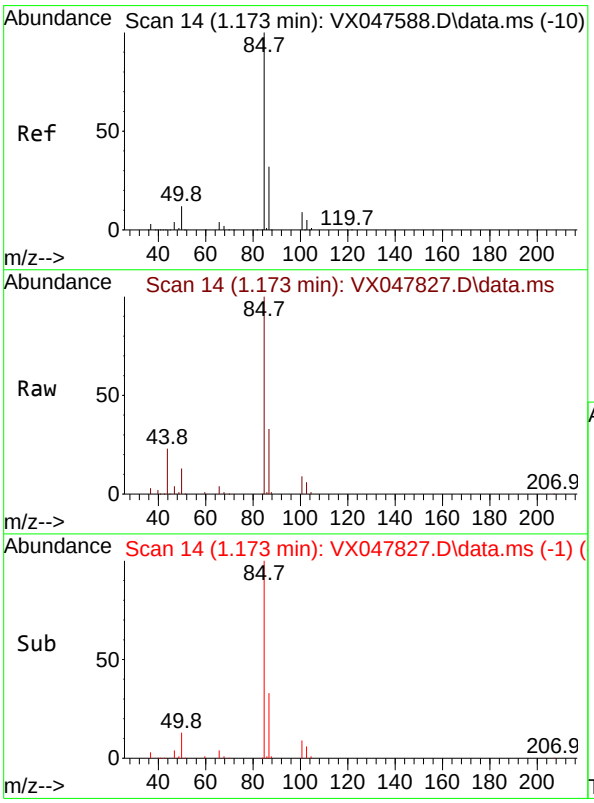
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:168 Resp: 143765

Ion	Ratio	Lower	Upper
168	100		
99	60.0	48.8	73.2

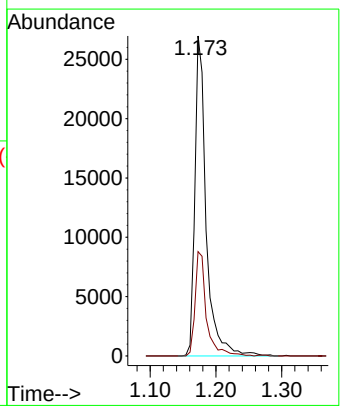


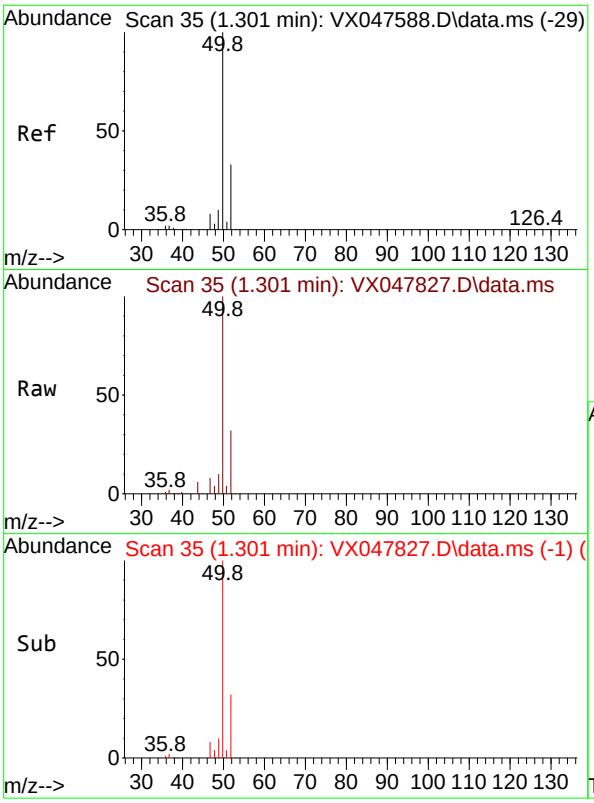


#2
Dichlorodifluoromethane
Concen: 21.625 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 85 Resp: 32194

Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.8	47.3



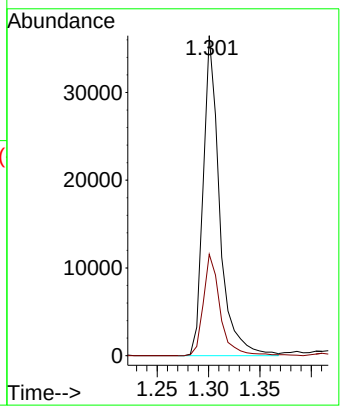


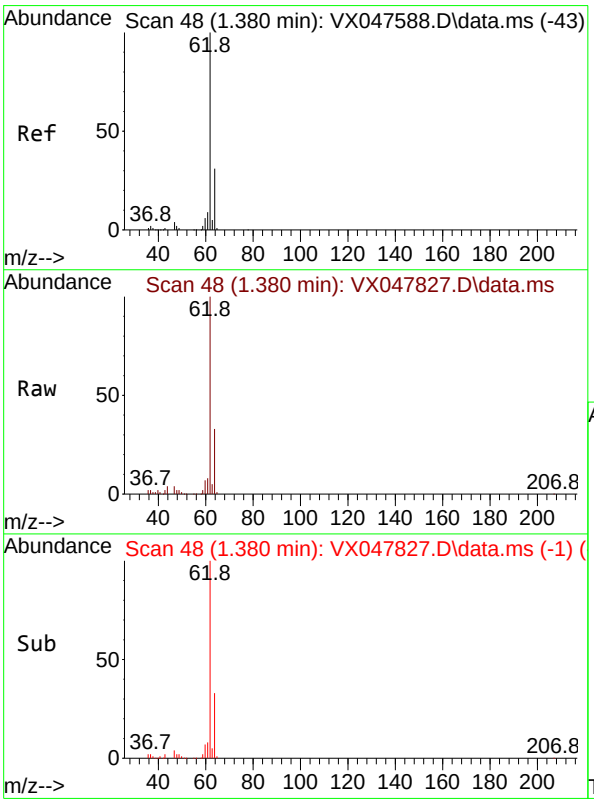
#3
Chloromethane
Concen: 20.760 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 50 Resp: 40619

Ion	Ratio	Lower	Upper
50	100		
52	31.7	26.1	39.1

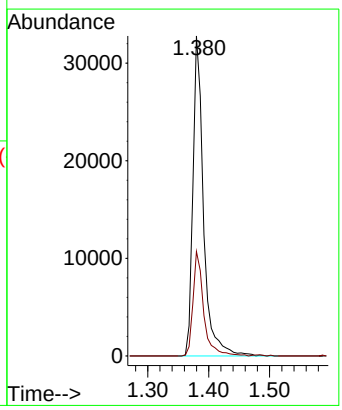


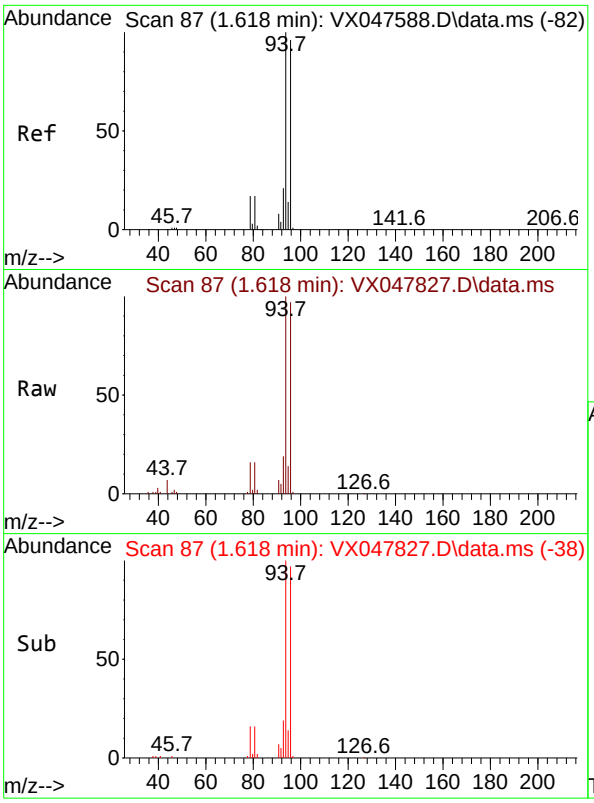


#4
Vinyl Chloride
Concen: 20.642 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 62 Resp: 39535

Ion	Ratio	Lower	Upper
62	100		
64	32.7	24.9	37.3



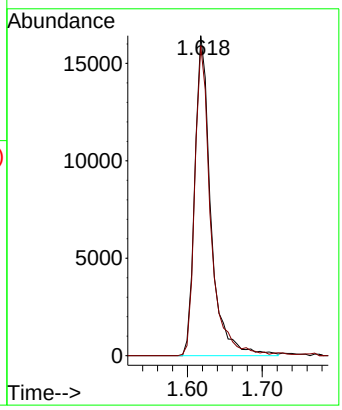


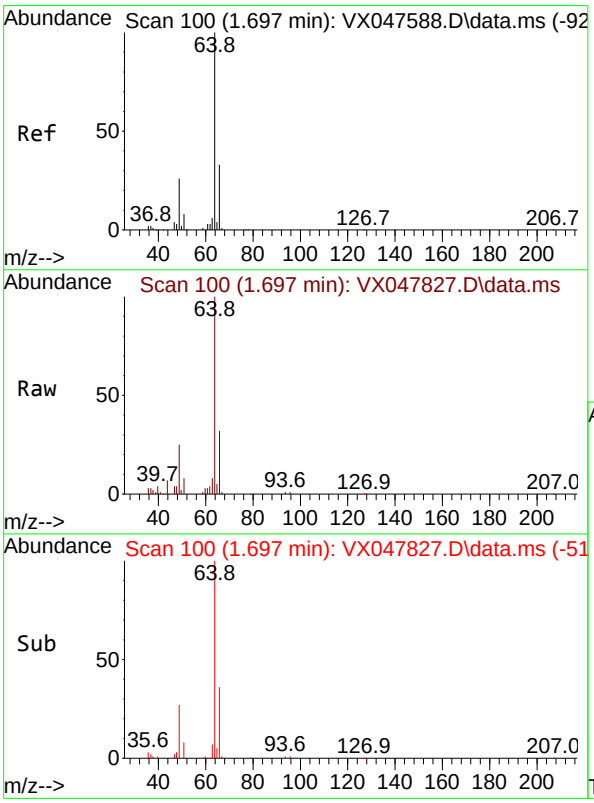
#5
Bromomethane
Concen: 20.170 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 94 Resp: 24497

Ion	Ratio	Lower	Upper
94	100		
96	96.8	76.6	115.0

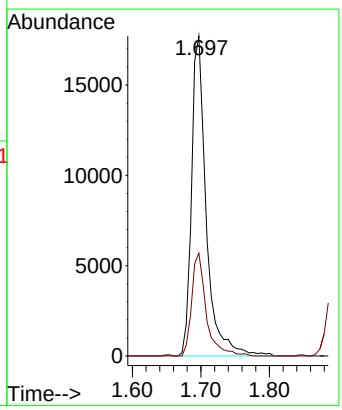


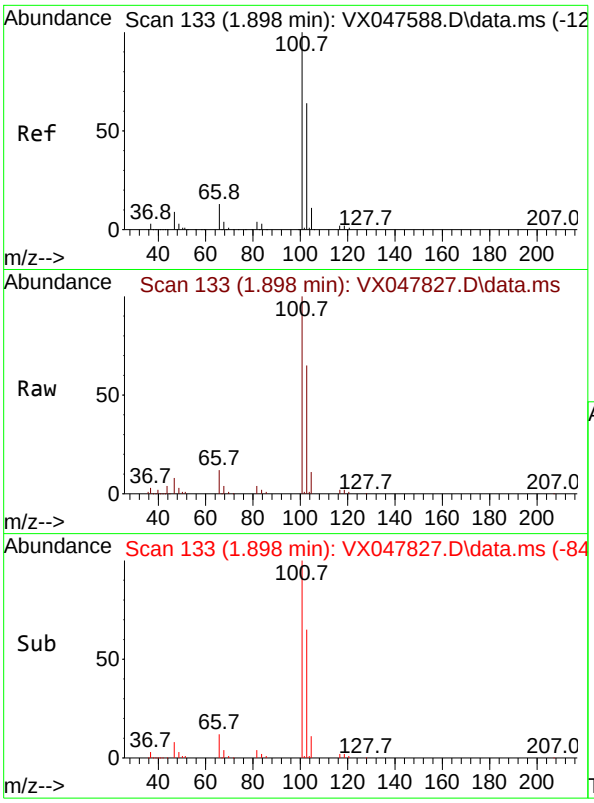


#6
Chloroethane
Concen: 20.611 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 64 Resp: 26384

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.1	39.1



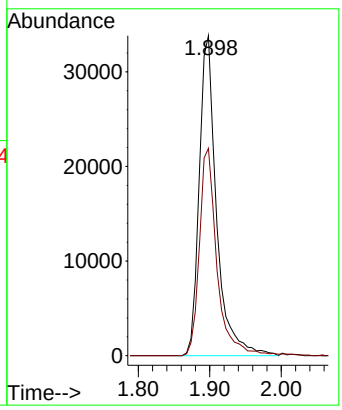


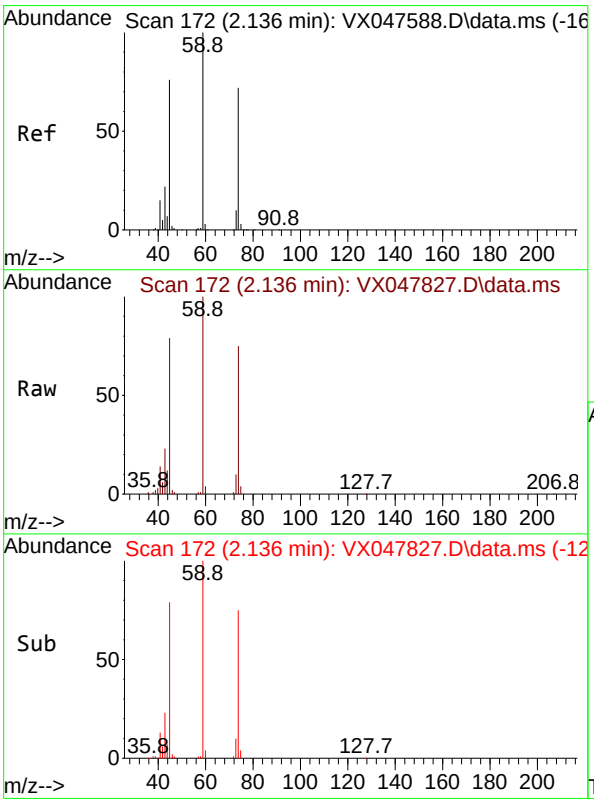
#7
Trichlorofluoromethane
Concen: 20.062 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:101 Resp: 57053

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.4	77.2

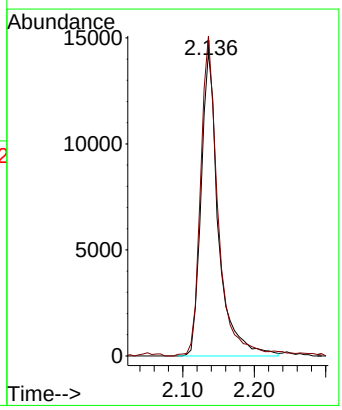


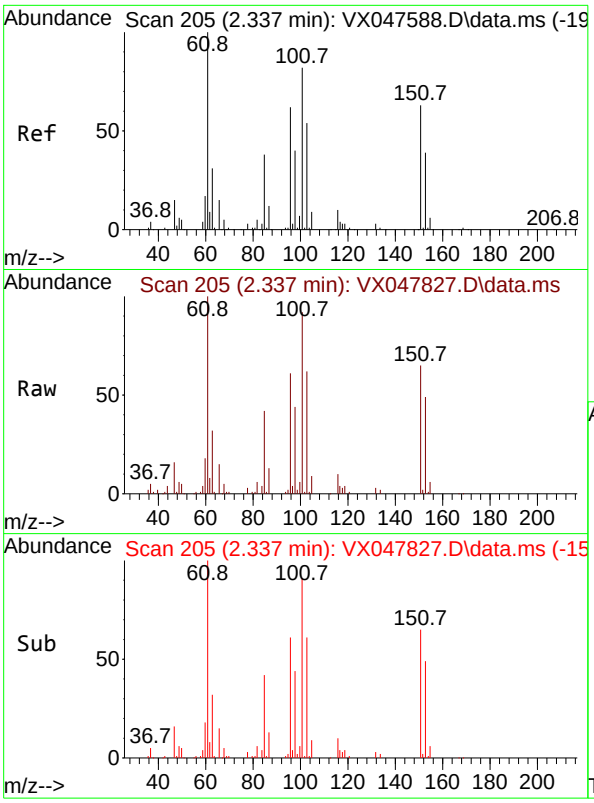


#8
Diethyl Ether
Concen: 20.742 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 74 Resp: 24129

Ion	Ratio	Lower	Upper
74	100		
45	105.6	52.3	156.8



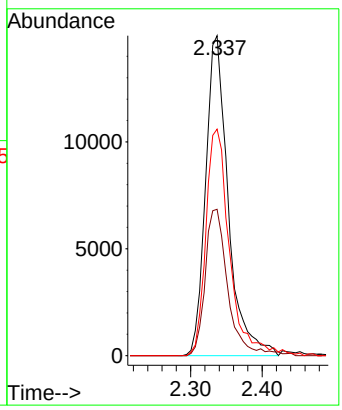


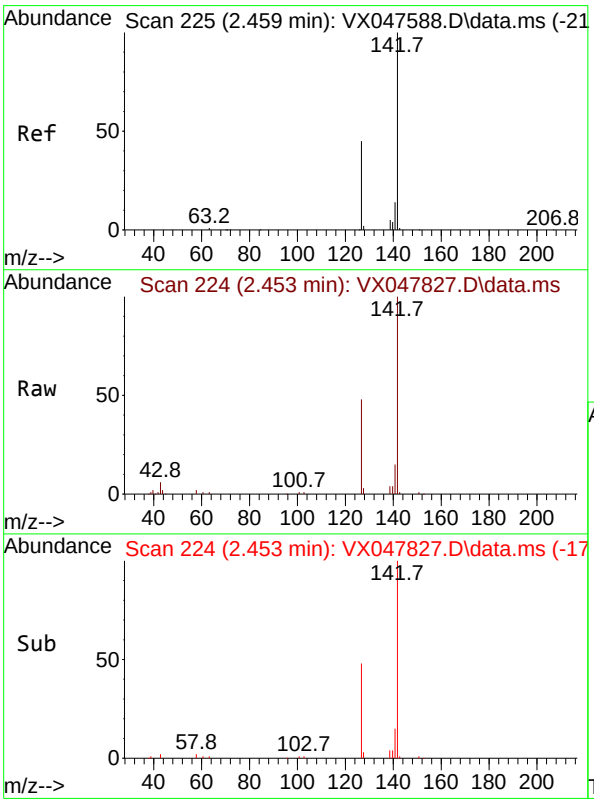
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.738 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:101 Resp: 32821

Ion	Ratio	Lower	Upper
101	100		
85	46.1	35.5	53.3
151	74.6	59.4	89.0

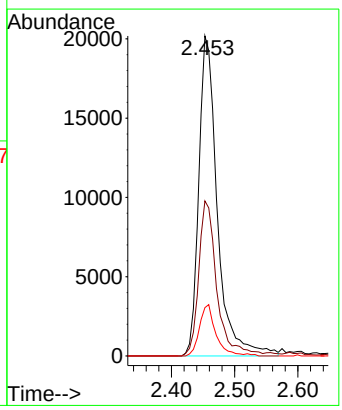


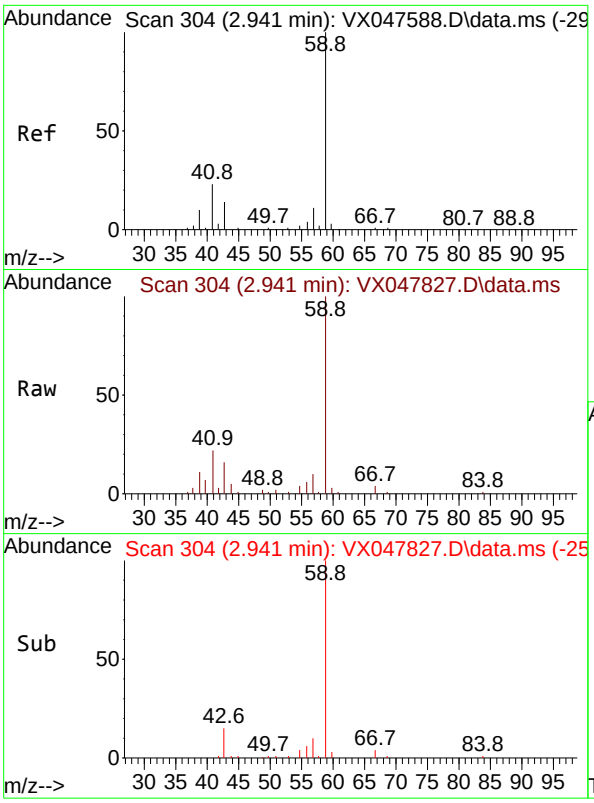


#10
Methyl Iodide
Concen: 15.899 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:142 Resp: 41232

Ion	Ratio	Lower	Upper
142	100		
127	47.2	37.2	55.8
141	14.3	11.4	17.0



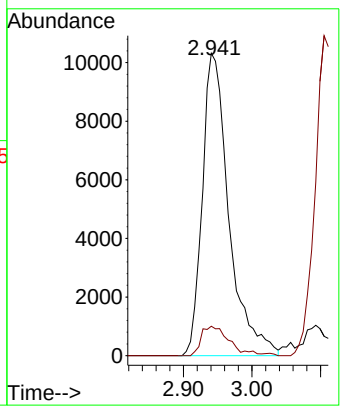


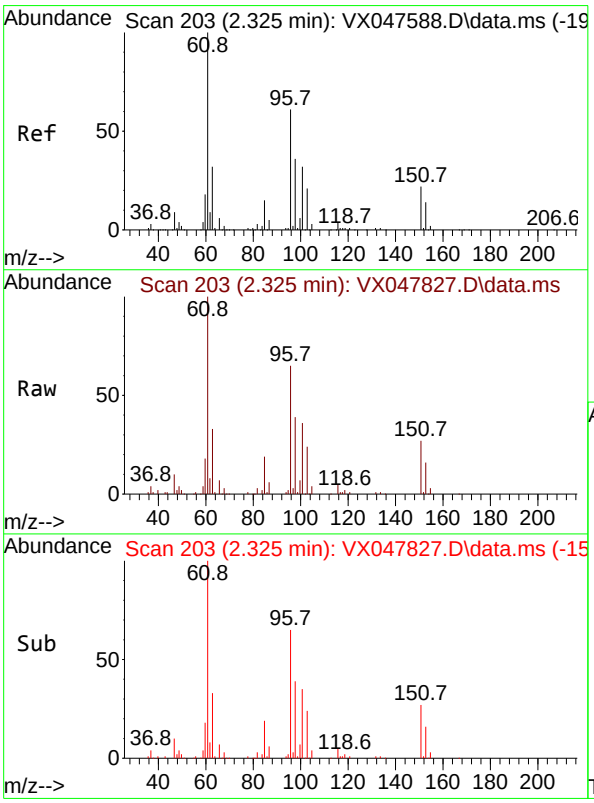
#11
Tert butyl alcohol
Concen: 109.168 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 59 Resp: 27823

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

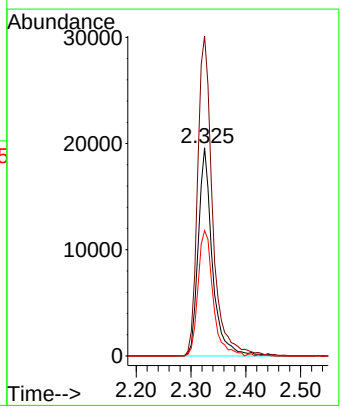


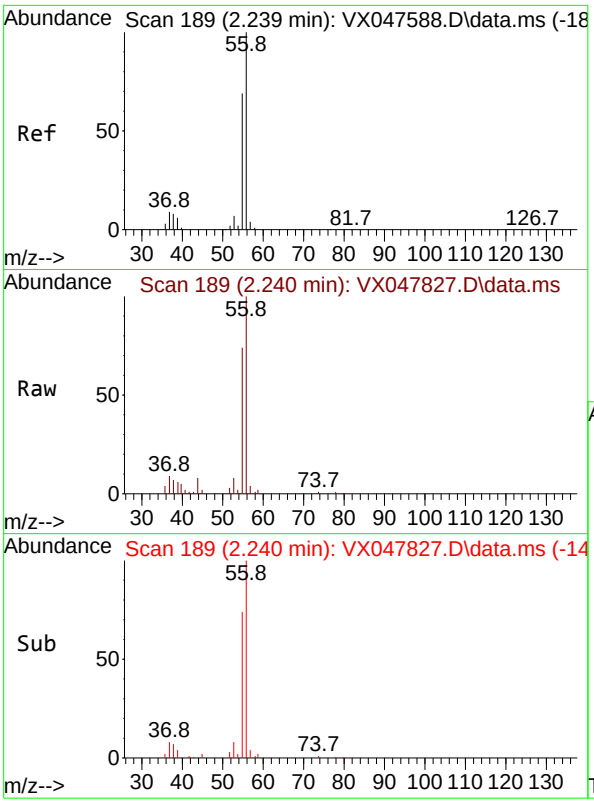


#12
1,1-Dichloroethene
Concen: 20.556 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 96 Resp: 35111

Ion	Ratio	Lower	Upper
96	100		
61	153.7	131.0	196.6
98	60.3	47.7	71.5



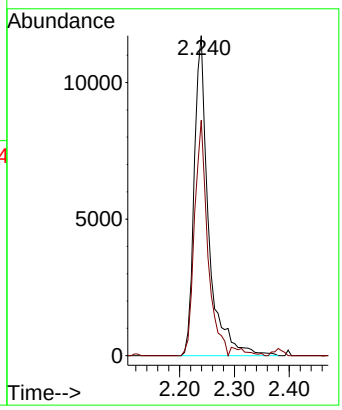


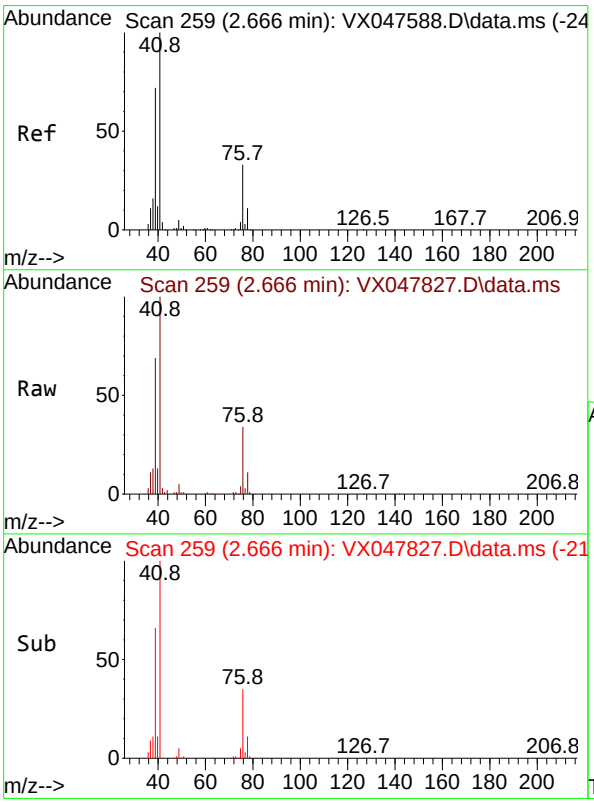
#13
Acrolein
Concen: 91.292 ug/l
RT: 2.240 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 56 Resp: 21441

Ion	Ratio	Lower	Upper
56	100		
55	67.4	57.2	85.8

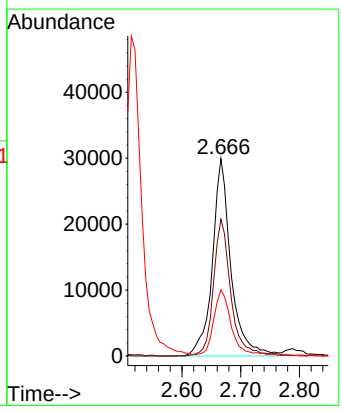


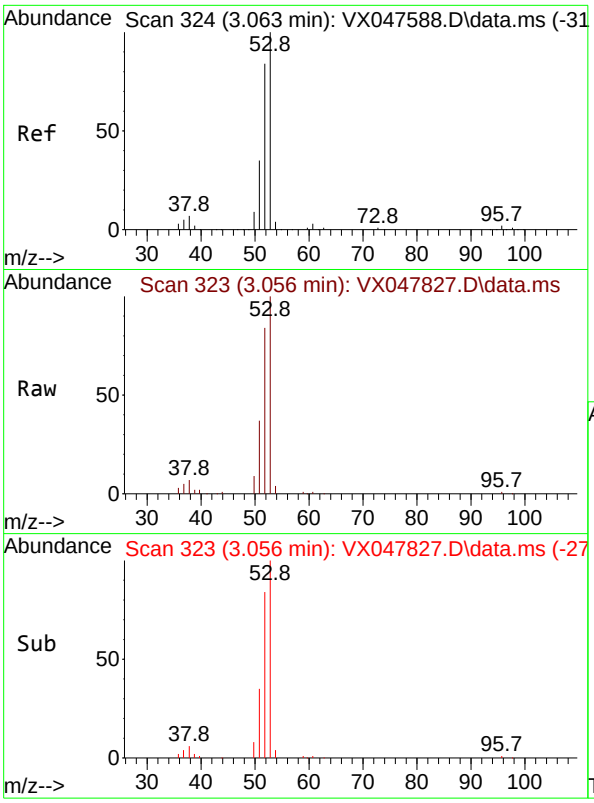


#14
Allyl chloride
Concen: 18.630 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 41 Resp: 65666

Ion	Ratio	Lower	Upper
41	100		
39	65.5	54.7	82.1
76	32.3	25.7	38.5



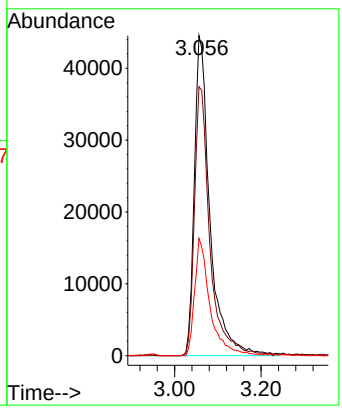


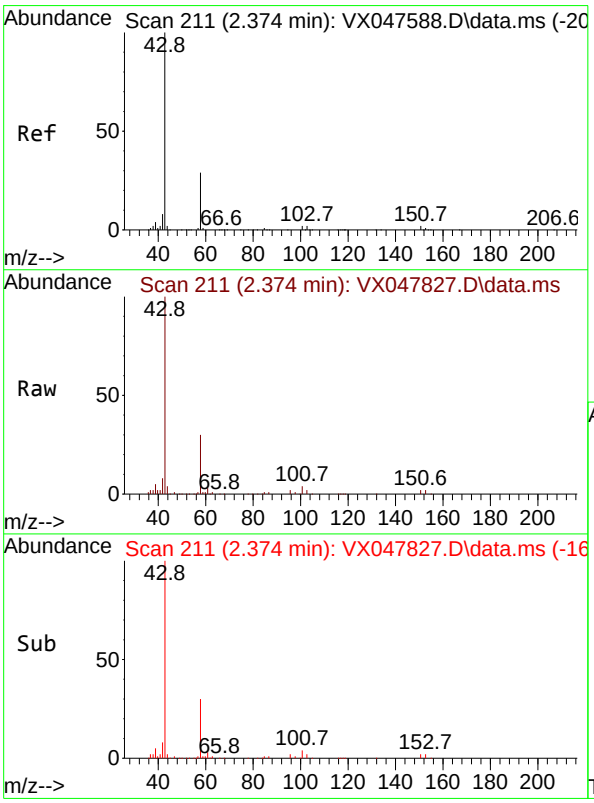
#15
Acrylonitrile
Concen: 118.182 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 53 Resp: 111568

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.4	99.6
51	36.2	29.5	44.3

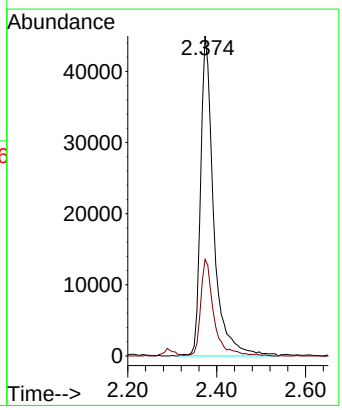


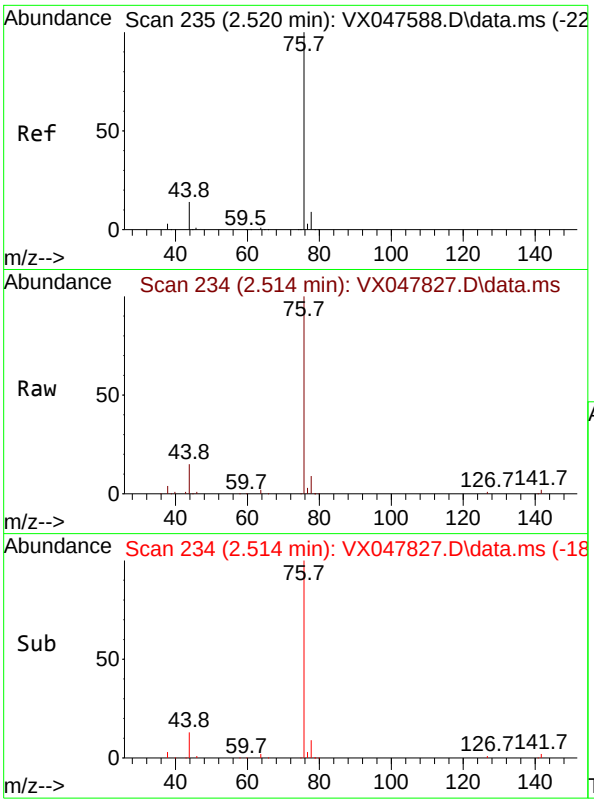


#16
Acetone
Concen: 92.964 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 43 Resp: 92499

Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.4	35.0



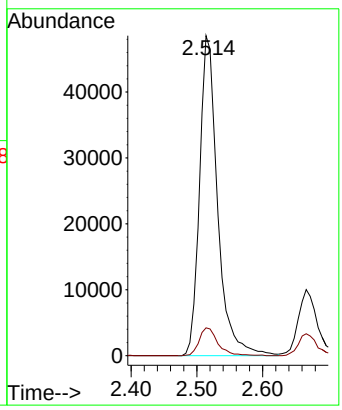


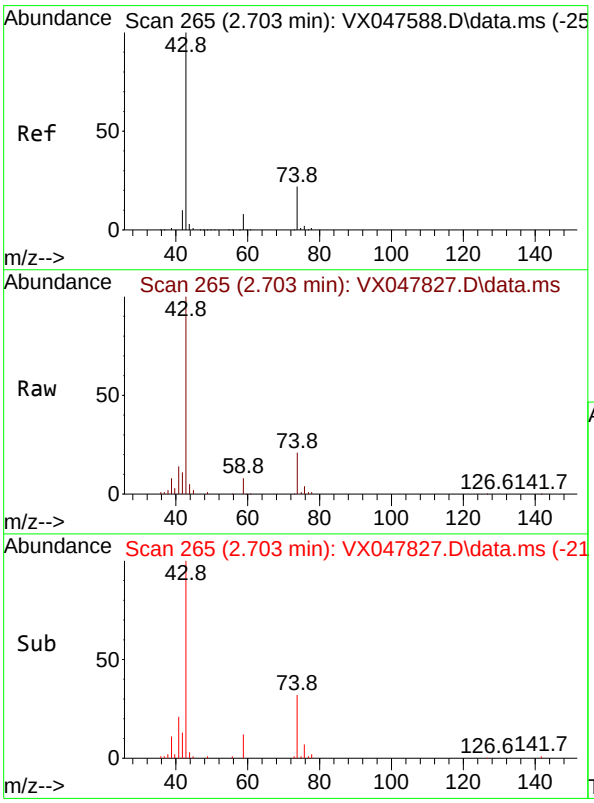
#17
Carbon Disulfide
Concen: 19.808 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 76 Resp: 92622

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.8	10.2

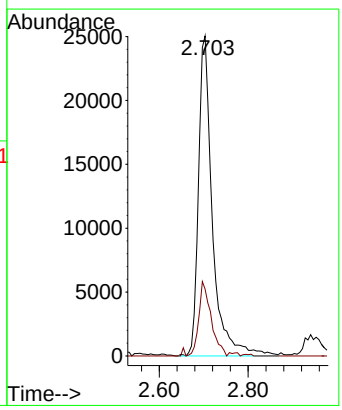


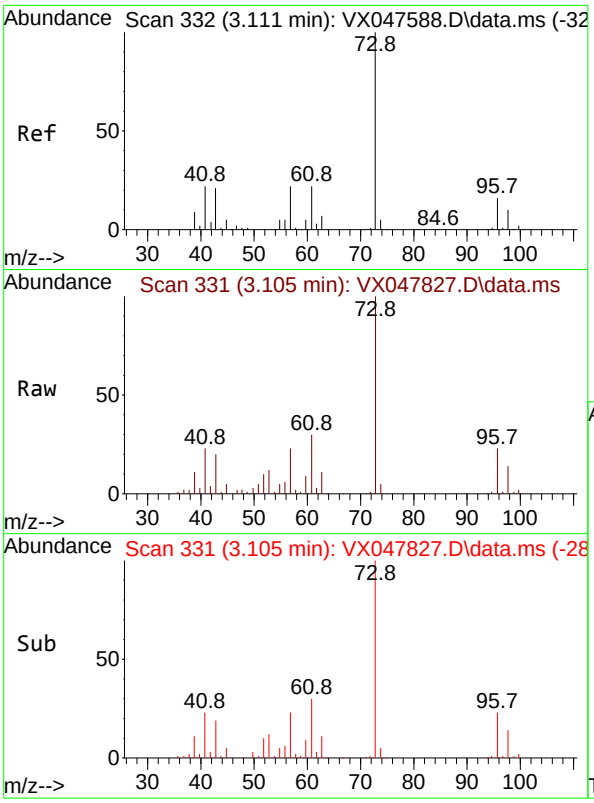


#18
Methyl Acetate
Concen: 24.741 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 43 Resp: 54785

Ion	Ratio	Lower	Upper
43	100		
74	20.4	17.4	26.2



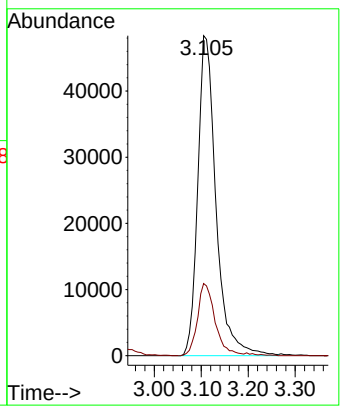


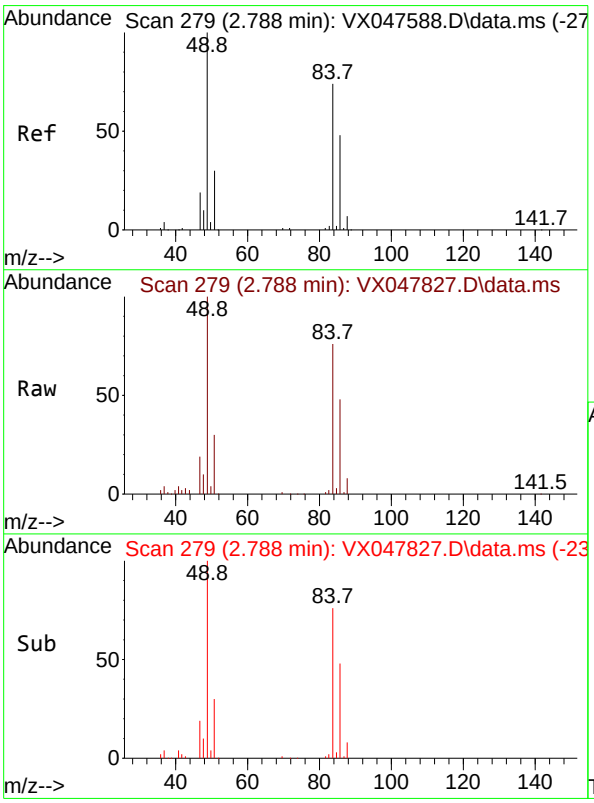
#19
Methyl tert-butyl Ether
Concen: 20.924 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 73 Resp: 130465

Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.4	26.2

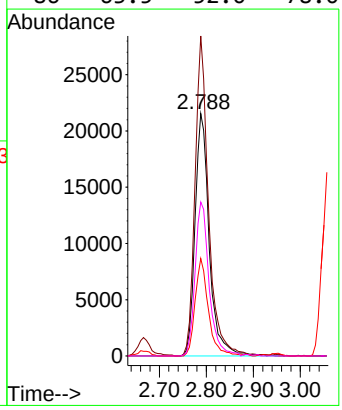


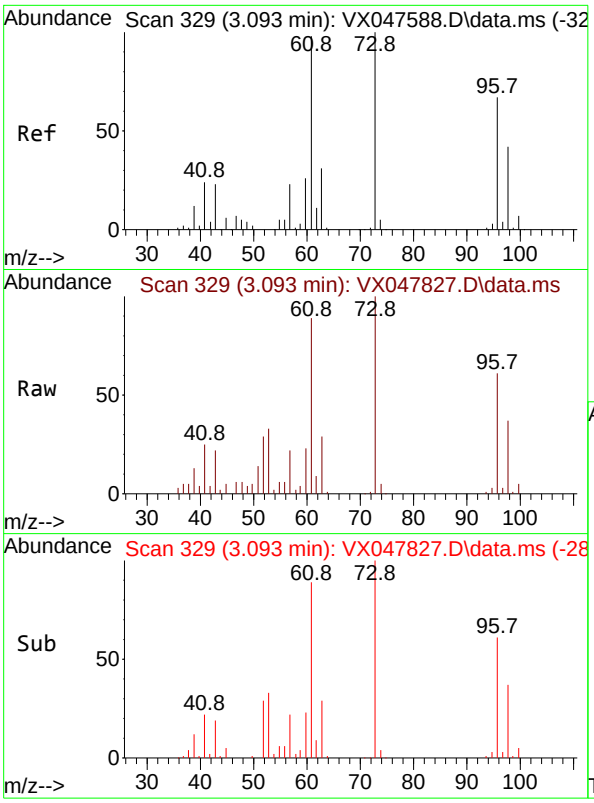


#20
Methylene Chloride
Concen: 21.560 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 84 Resp: 45408

Ion	Ratio	Lower	Upper
84	100		
49	132.0	108.6	162.8
51	40.2	32.6	48.8
86	63.5	52.0	78.0



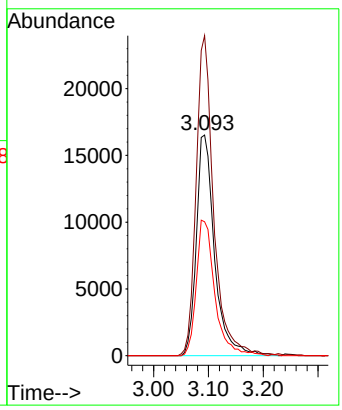


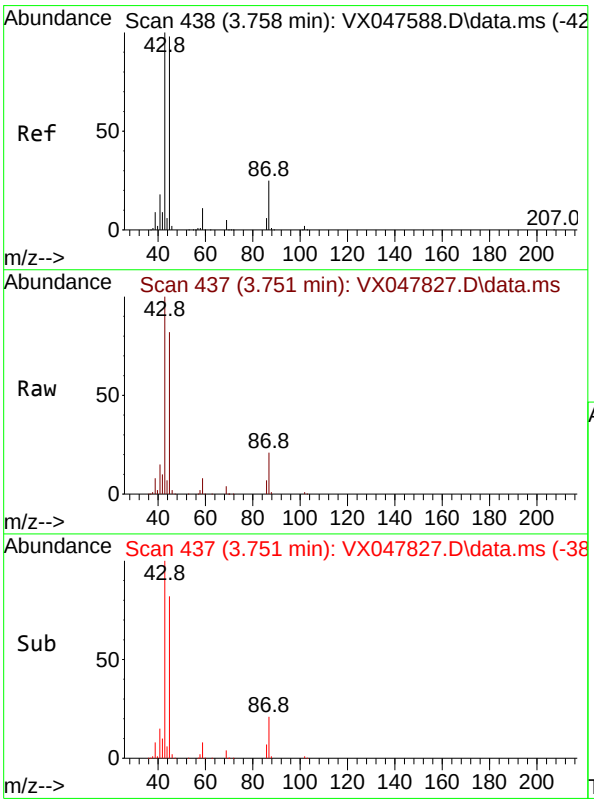
#21
trans-1,2-Dichloroethene
Concen: 20.782 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 96 Resp: 38217

Ion	Ratio	Lower	Upper
96	100		
61	145.0	116.2	174.2
98	62.5	49.3	73.9

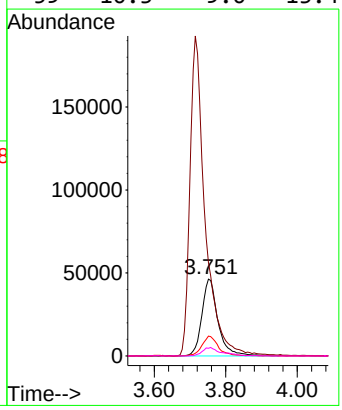


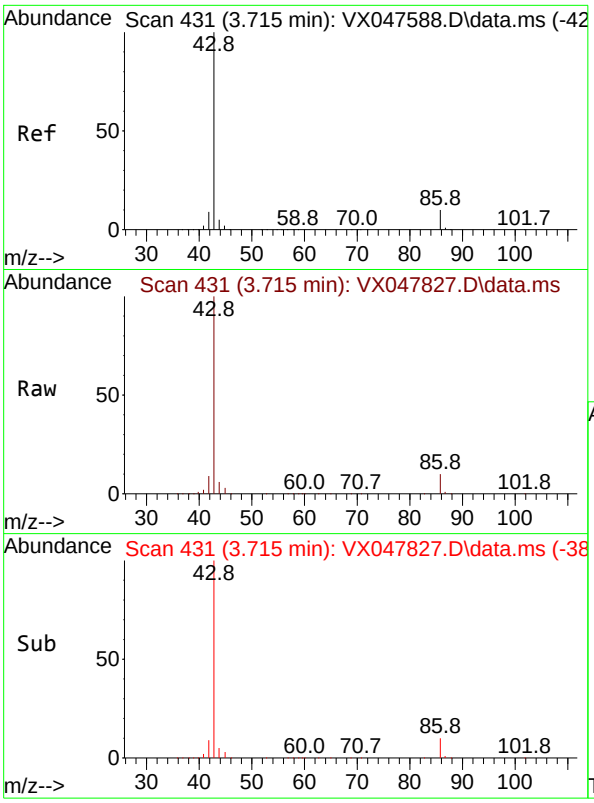


#22
Diisopropyl ether
Concen: 21.263 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 45 Resp: 145245

Ion	Ratio	Lower	Upper
45	100		
43	121.4	81.0	121.4
87	25.9	20.3	30.5
59	10.3	9.0	13.4



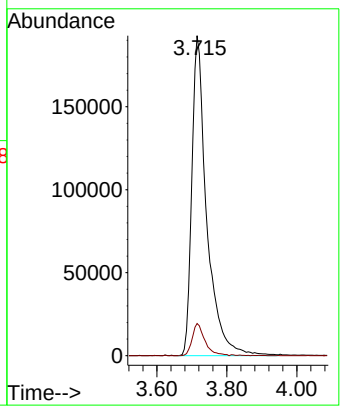


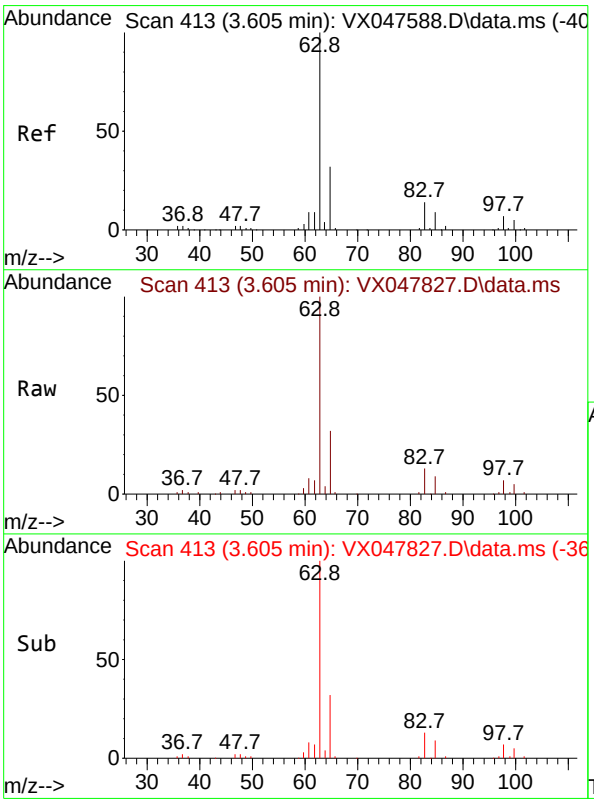
#23
Vinyl Acetate
Concen: 104.505 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 43 Resp: 571336

Ion	Ratio	Lower	Upper
43	100		
86	10.9	7.8	11.8

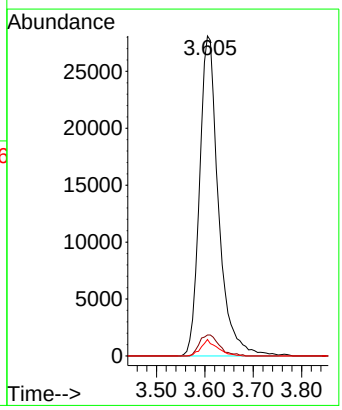


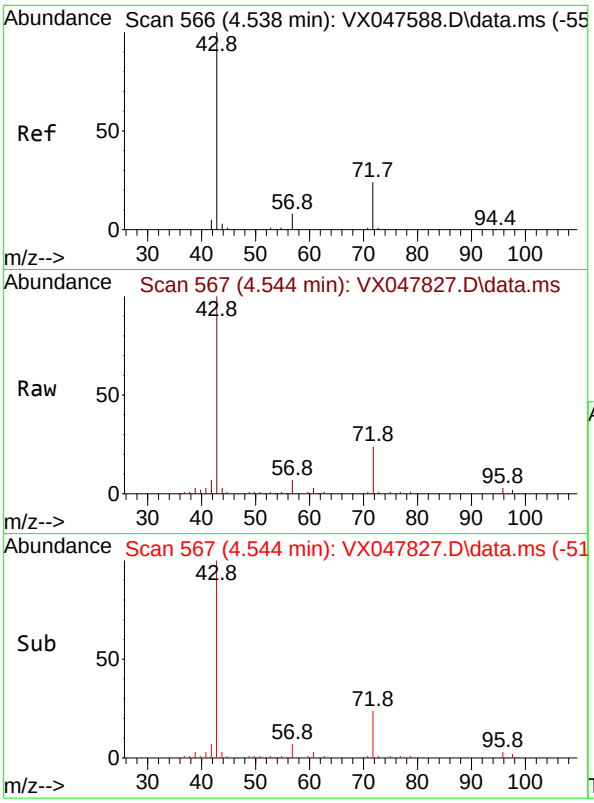


#24
1,1-Dichloroethane
Concen: 21.035 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 63 Resp: 76371

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.8	11.2
100	5.2	2.3	6.9



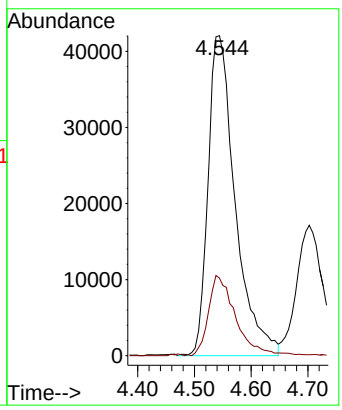


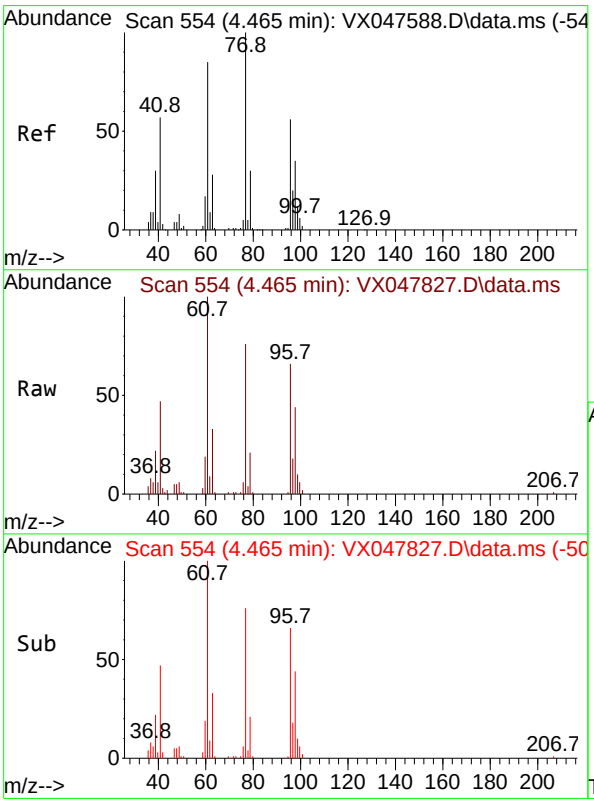
#25
2-Butanone
Concen: 112.566 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 43 Resp: 139709

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.1	30.1

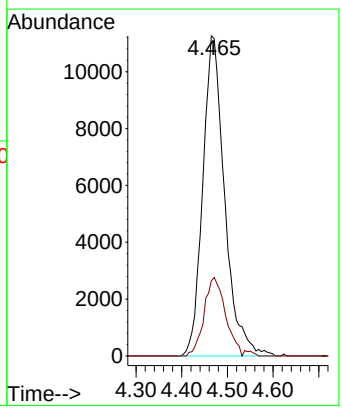


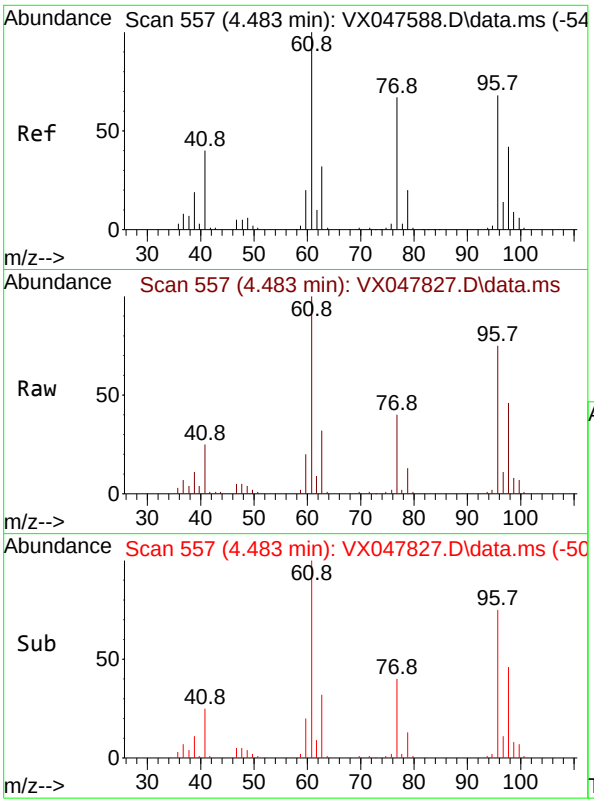


#26
2,2-Dichloropropane
Concen: 12.415 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 77 Resp: 37468

Ion	Ratio	Lower	Upper
77	100		
97	23.9	10.9	32.7



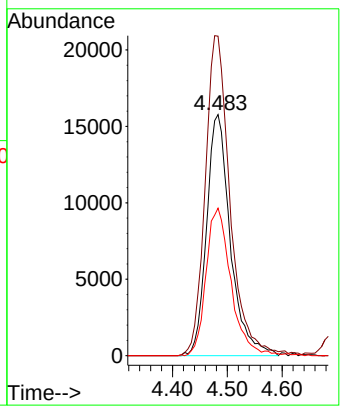


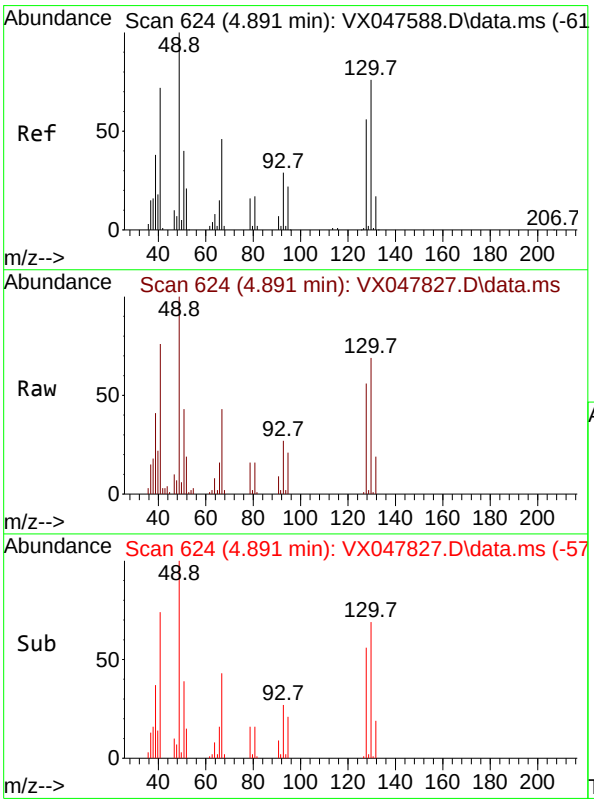
#27
cis-1,2-Dichloroethene
Concen: 21.052 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 96 Resp: 47411

Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	303.2
98	64.1	0.0	127.8

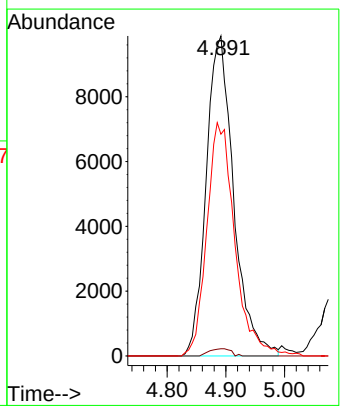


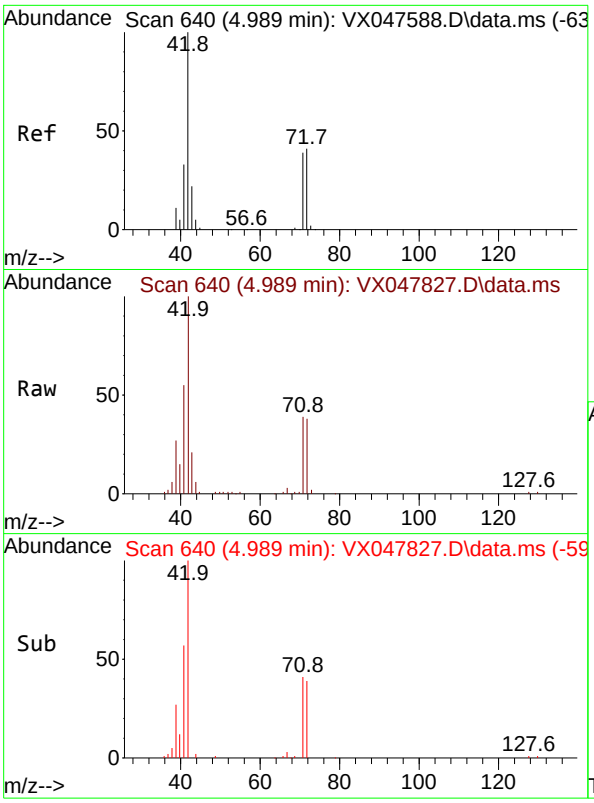


#28
Bromochloromethane
Concen: 20.266 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 49 Resp: 32122

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	74.3	57.8	86.8



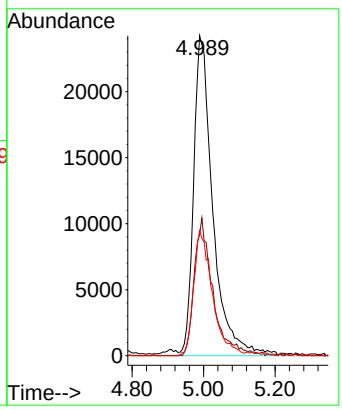


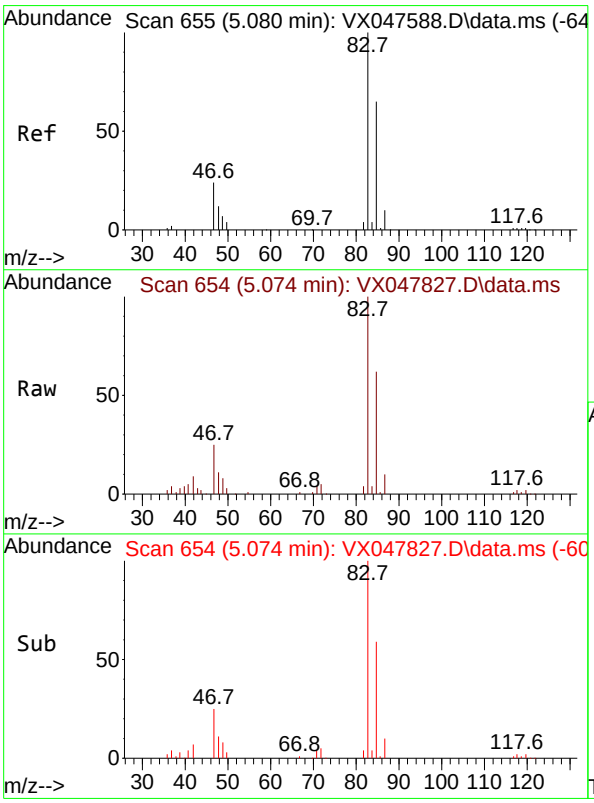
#29
Tetrahydrofuran
Concen: 121.332 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 42 Resp: 90591

Ion	Ratio	Lower	Upper
42	100		
72	41.7	34.2	51.2
71	38.1	31.9	47.9

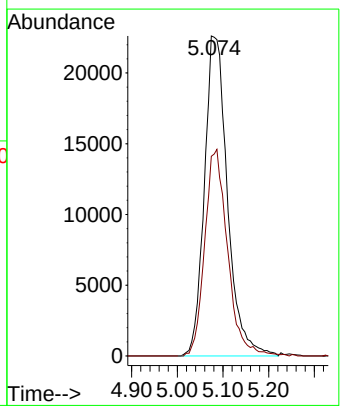


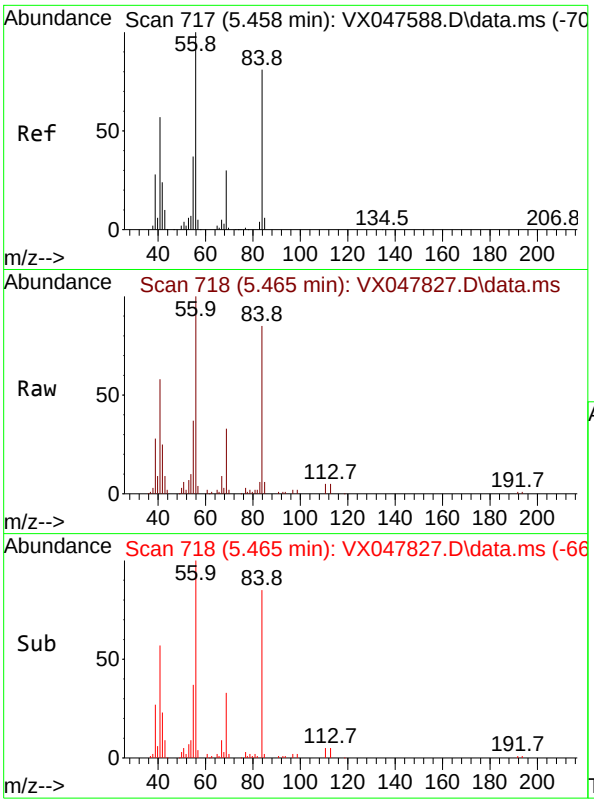


#30
Chloroform
Concen: 21.617 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 83 Resp: 79309

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.6



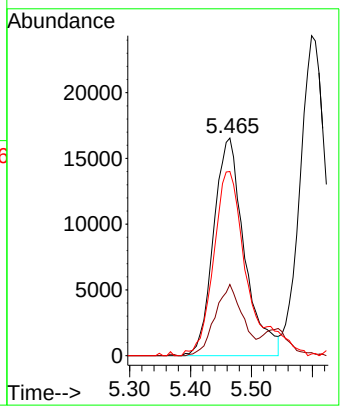


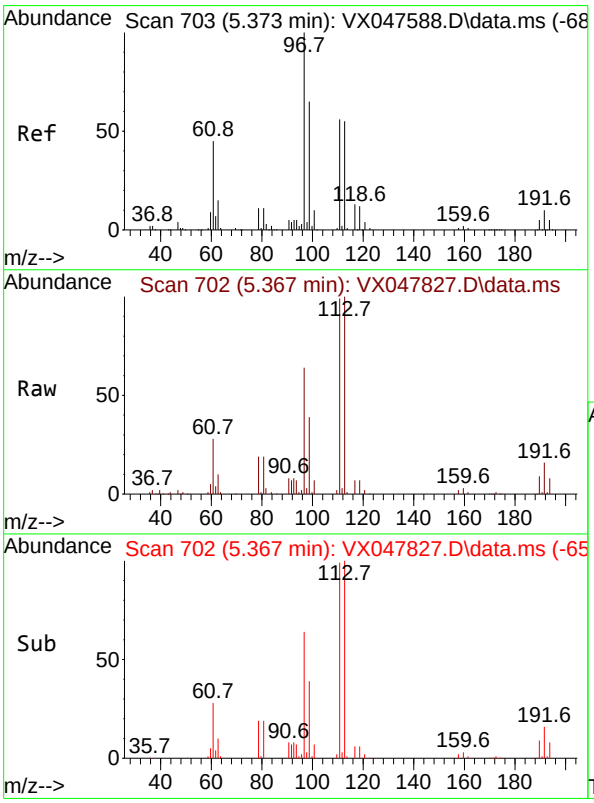
#31
Cyclohexane
Concen: 19.272 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 56 Resp: 58277

Ion	Ratio	Lower	Upper
56	100		
69	32.3	23.8	35.8
84	84.6	64.6	97.0

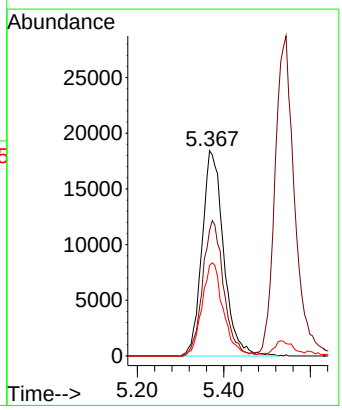


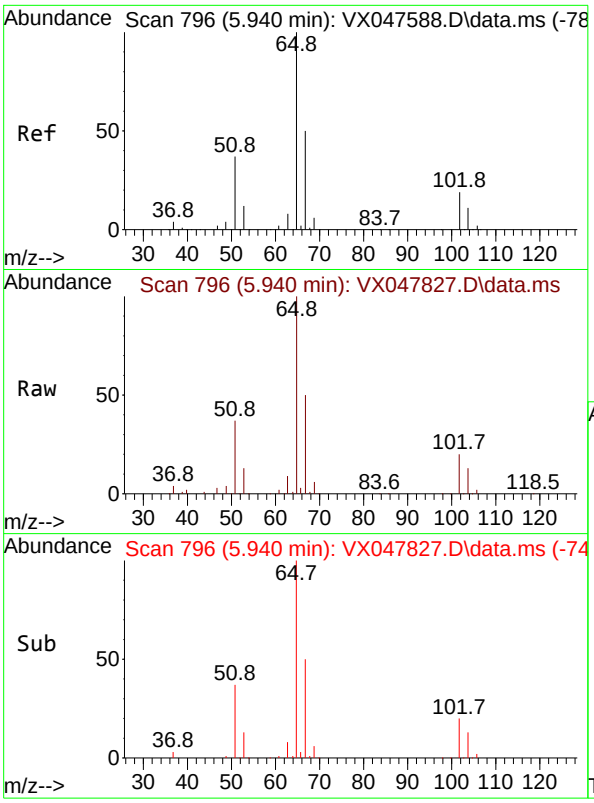


#32
1,1,1-Trichloroethane
Concen: 20.535 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 97 Resp: 63904

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	76.0
61	44.5	35.8	53.8



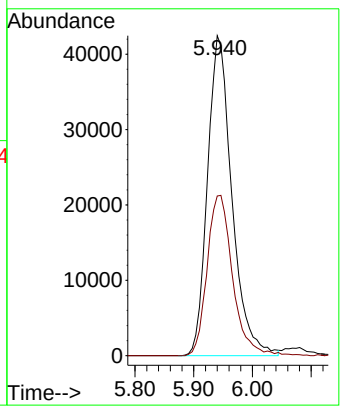


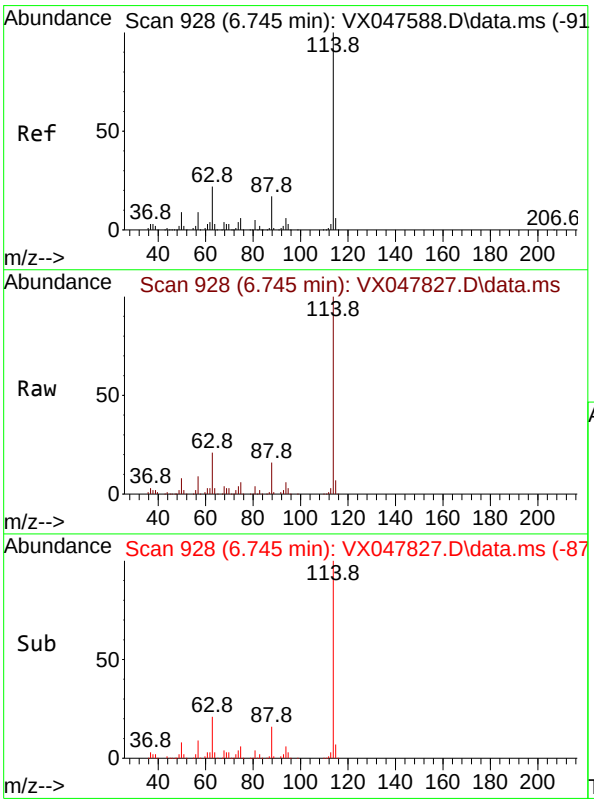
#33
1,2-Dichloroethane-d4
Concen: 53.515 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 65 Resp: 122463

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.0

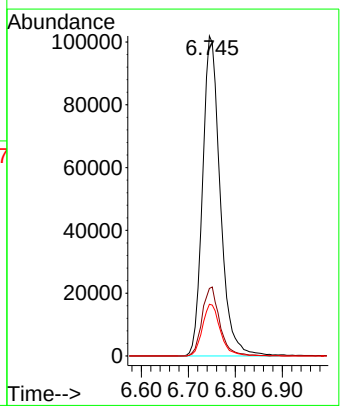


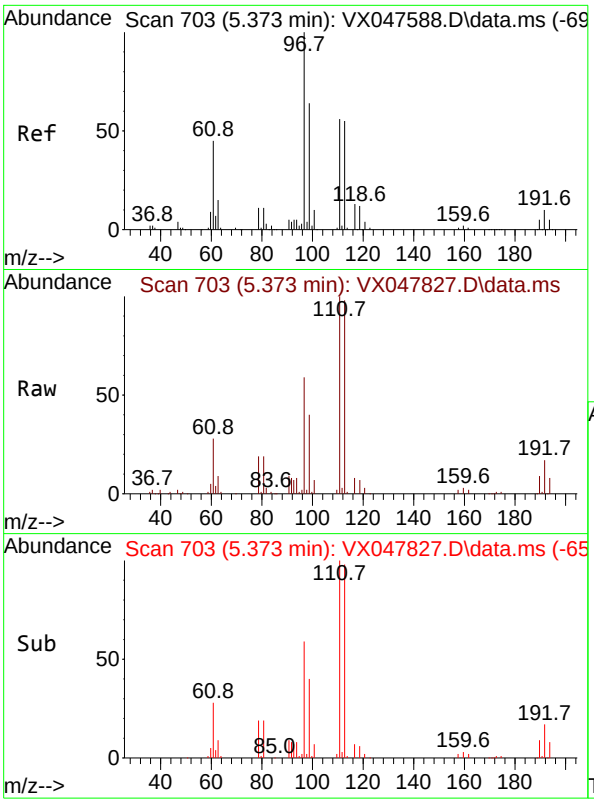


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:114 Resp: 265116

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	16.1	0.0	34.2



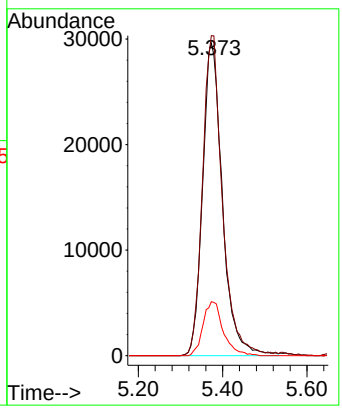


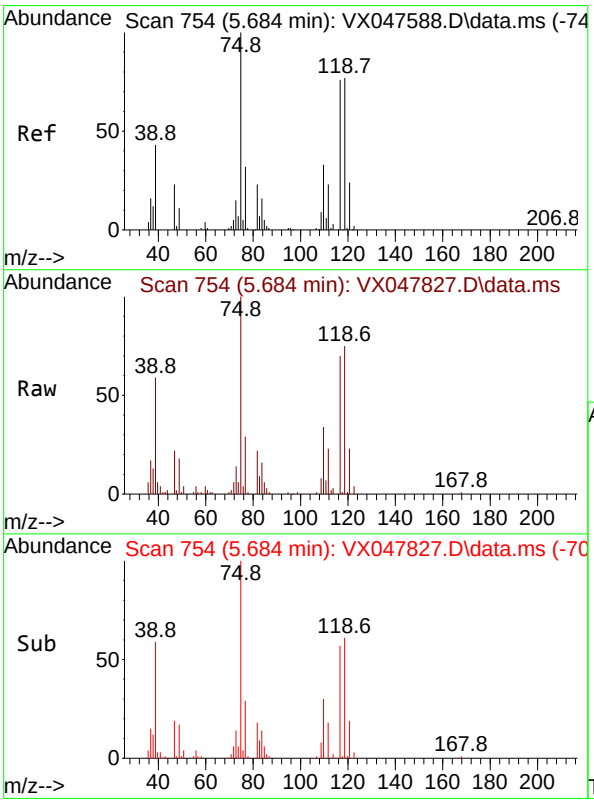
#35
Dibromofluoromethane
Concen: 54.532 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:113 Resp: 96958

Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.9	121.3
192	17.6	14.2	21.4

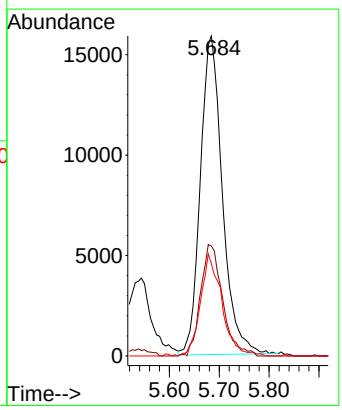


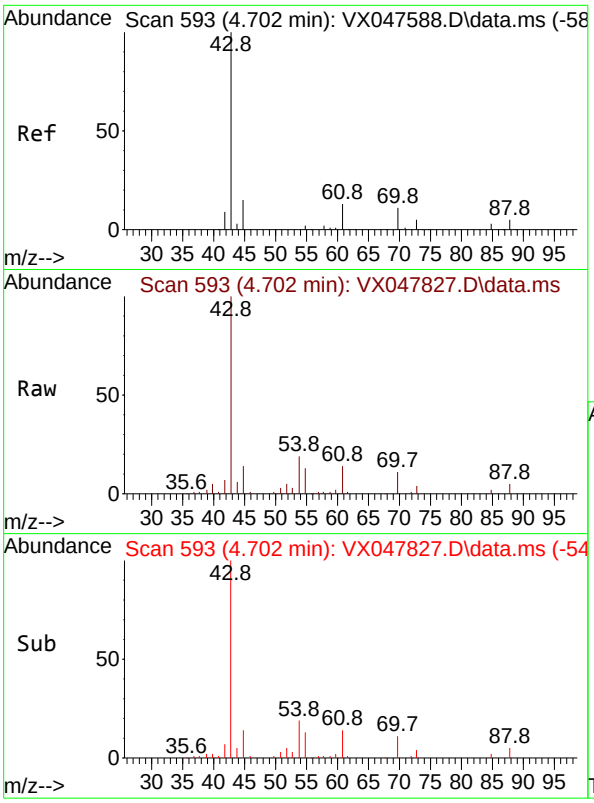


#36
1,1-Dichloropropene
Concen: 18.778 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 75 Resp: 48788

Ion	Ratio	Lower	Upper
75	100		
110	35.1	16.7	50.1
77	30.9	24.3	36.5



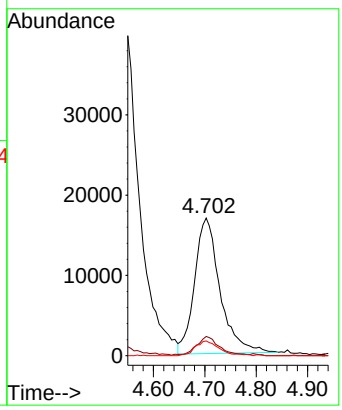


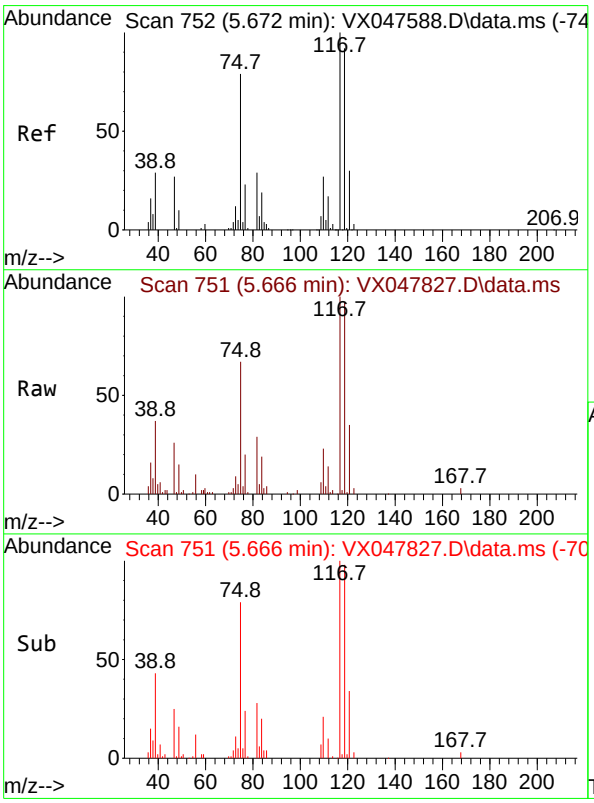
#37
Ethyl Acetate
Concen: 20.919 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 43 Resp: 58192

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	10.2	7.9	11.9

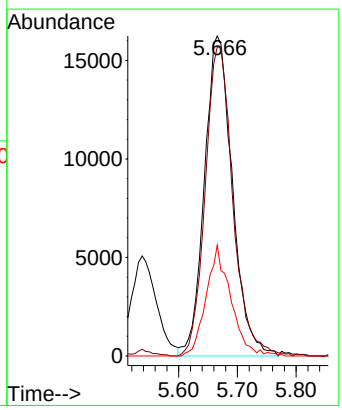


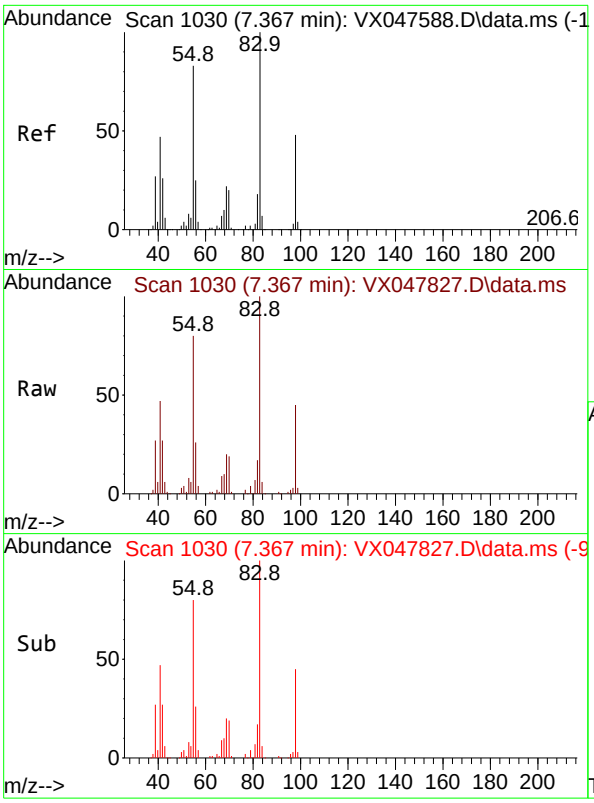


#38
Carbon Tetrachloride
Concen: 19.057 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:117 Resp: 53795

Ion	Ratio	Lower	Upper
117	100		
119	96.6	73.4	110.2
121	34.6	23.8	35.6



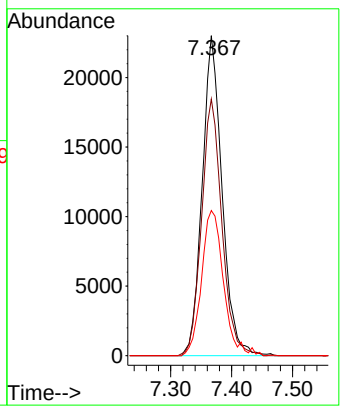


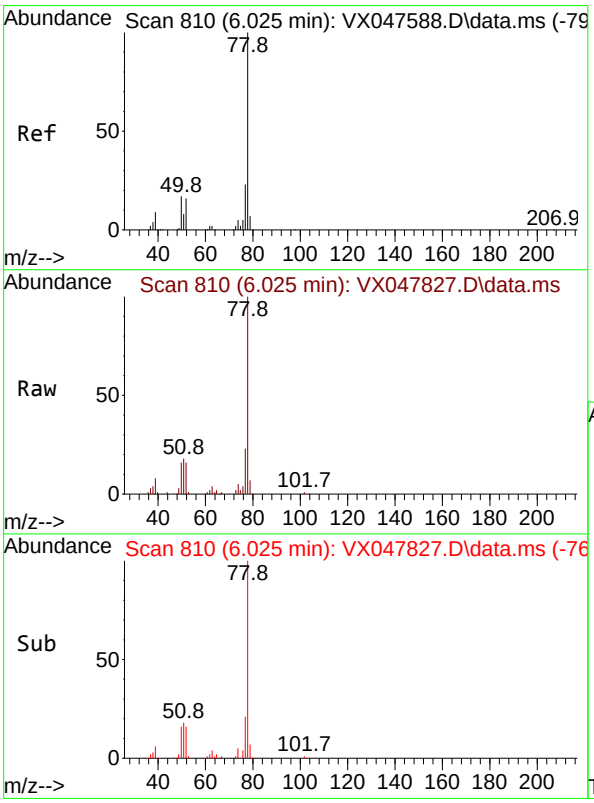
#39
Methylcyclohexane
Concen: 17.678 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 83 Resp: 52135

Ion	Ratio	Lower	Upper
83	100		
55	80.2	66.4	99.6
98	45.3	38.1	57.1

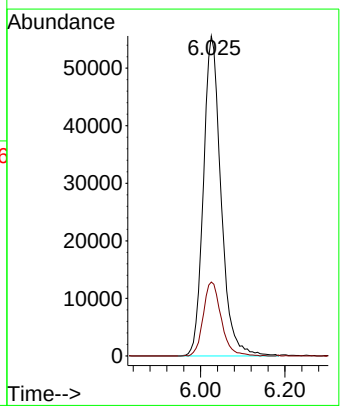


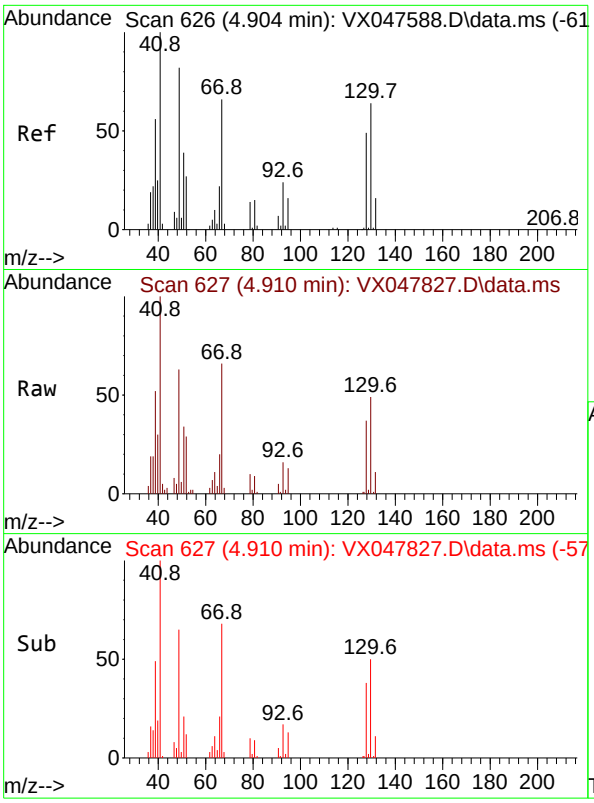


#40
Benzene
Concen: 20.492 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 78 Resp: 161701

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2



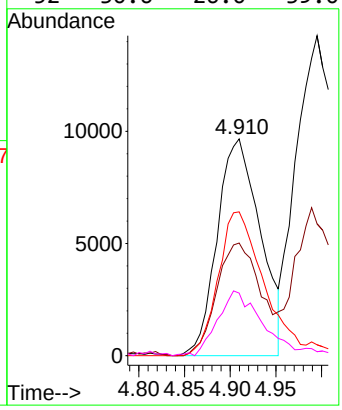


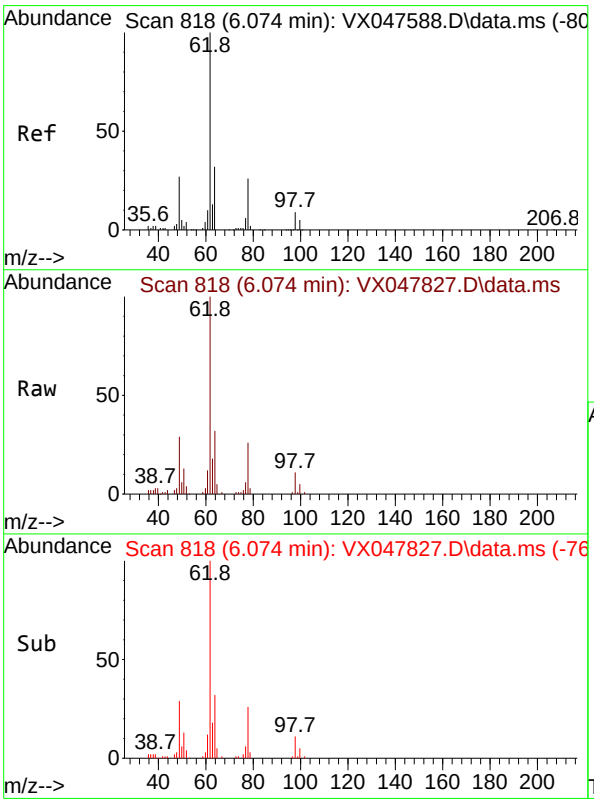
#41
Methacrylonitrile
Concen: 22.066 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 41 Resp: 31690

Ion	Ratio	Lower	Upper
41	100		
39	51.8	43.3	64.9
67	69.8	58.6	87.8
52	30.6	26.0	39.0

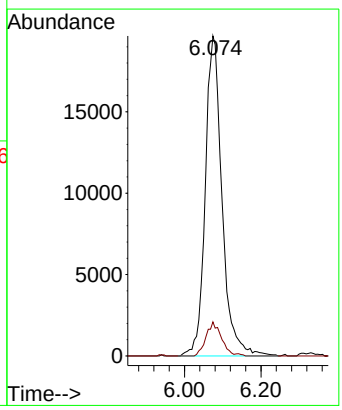


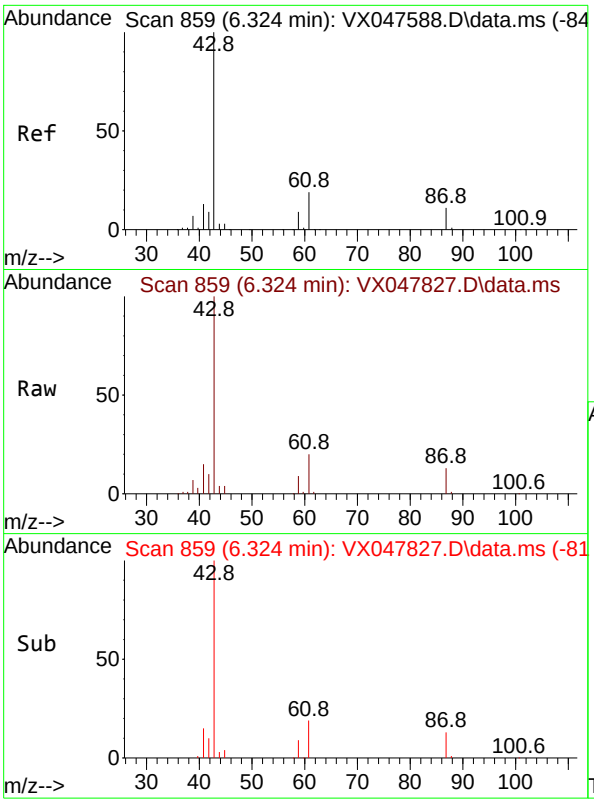


#42
1,2-Dichloroethane
Concen: 19.936 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 62 Resp: 59857

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.0



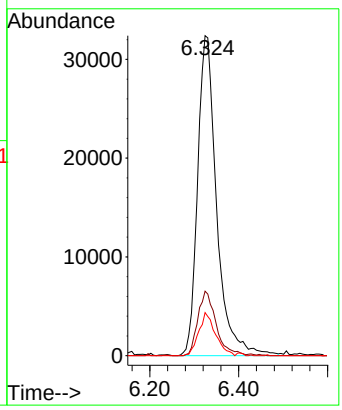


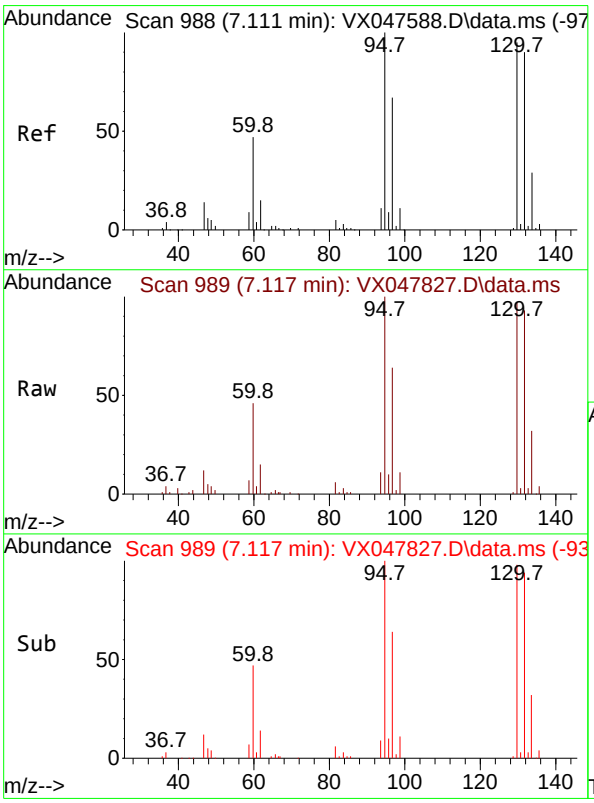
#43
Isopropyl Acetate
Concen: 21.206 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 43 Resp: 96750

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	11.8	9.6	14.4

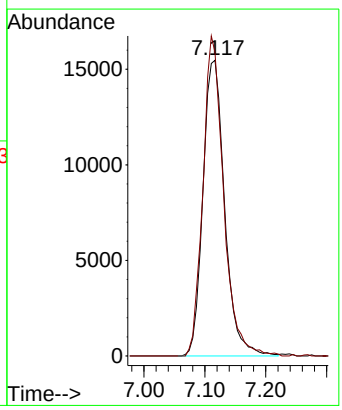


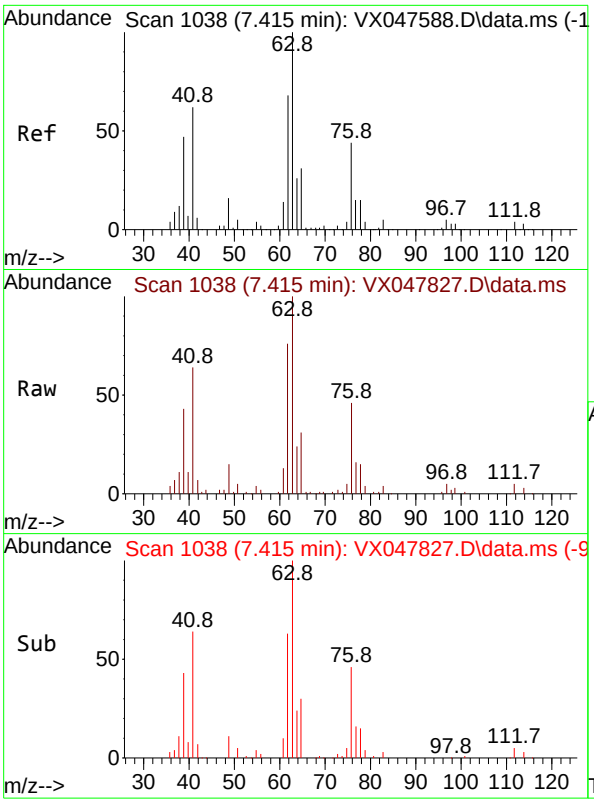


#44
Trichloroethene
Concen: 20.079 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:130 Resp: 38306

Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	210.8



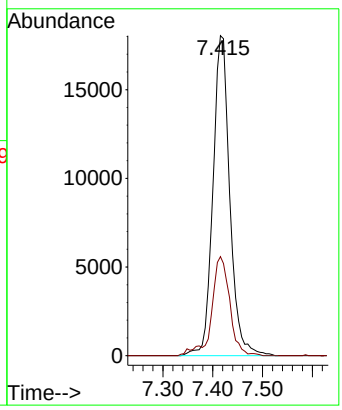


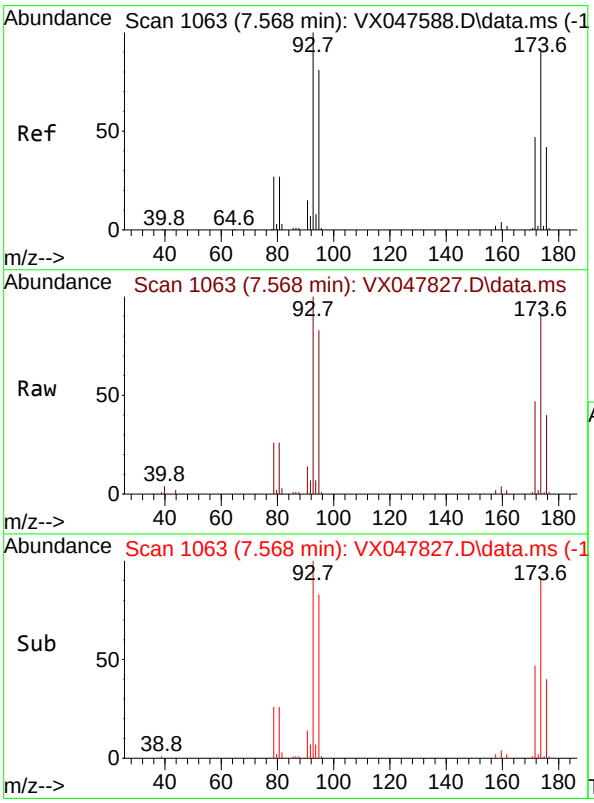
#45
1,2-Dichloropropane
Concen: 21.026 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 63 Resp: 42485

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

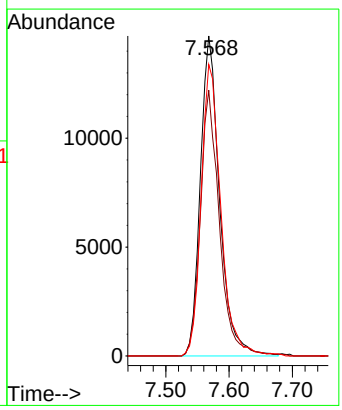


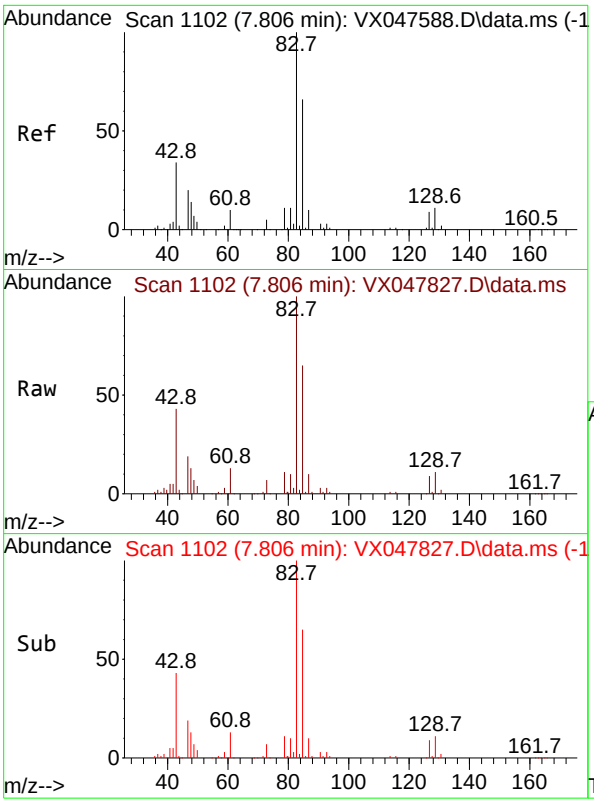


#46
Dibromomethane
Concen: 21.166 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 93 Resp: 31123

Ion	Ratio	Lower	Upper
93	100		
95	82.2	65.0	97.6
174	93.4	71.6	107.4



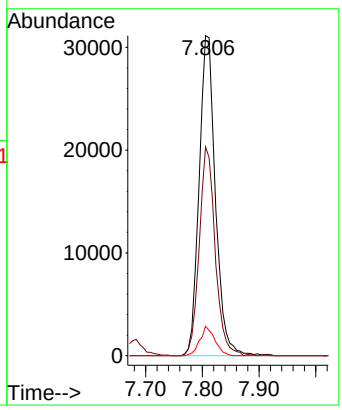


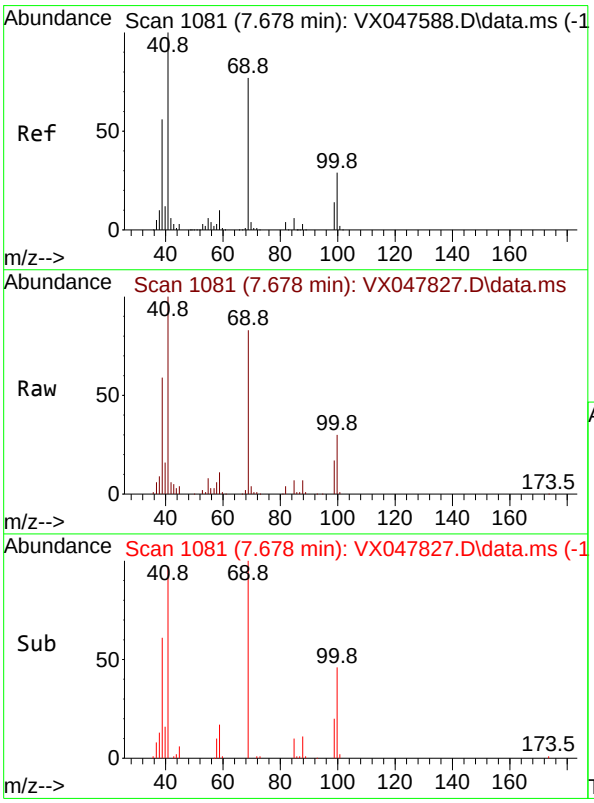
#47
Bromodichloromethane
Concen: 20.557 ug/l
RT: 7.806 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 83 Resp: 62375

Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.5	78.7
127	9.2	6.9	10.3

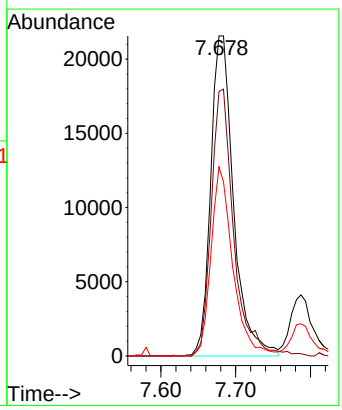


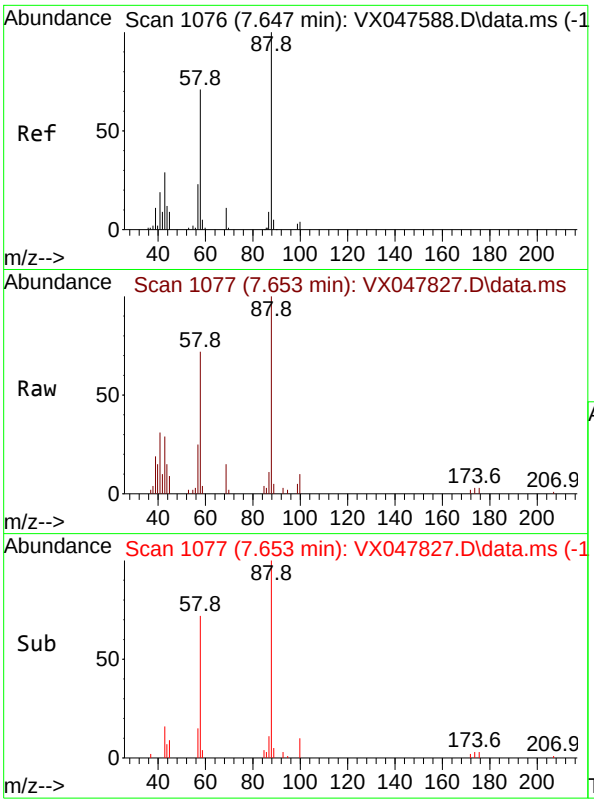


#48
Methyl methacrylate
Concen: 20.227 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 41 Resp: 45967

Ion	Ratio	Lower	Upper
41	100		
69	81.8	61.4	92.2
39	56.4	45.8	68.6



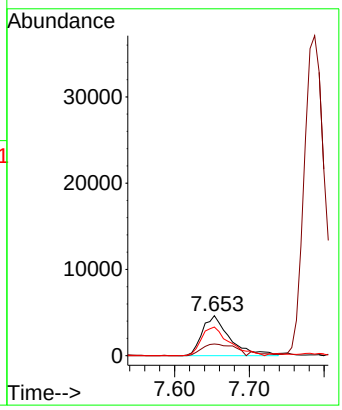


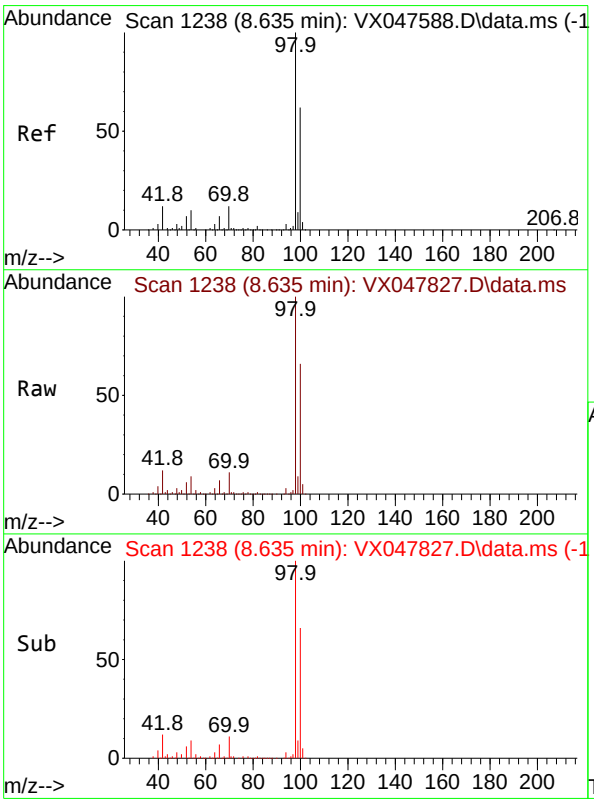
#49
1,4-Dioxane
Concen: 517.489 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 88 Resp: 11885

Ion	Ratio	Lower	Upper
88	100		
43	34.4	30.2	45.2
58	71.8	59.5	89.3

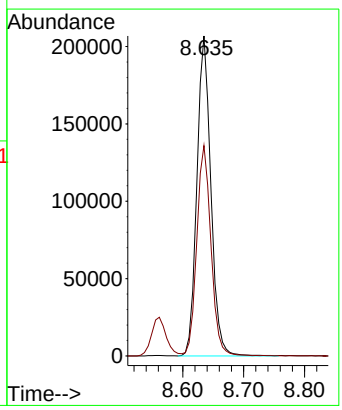


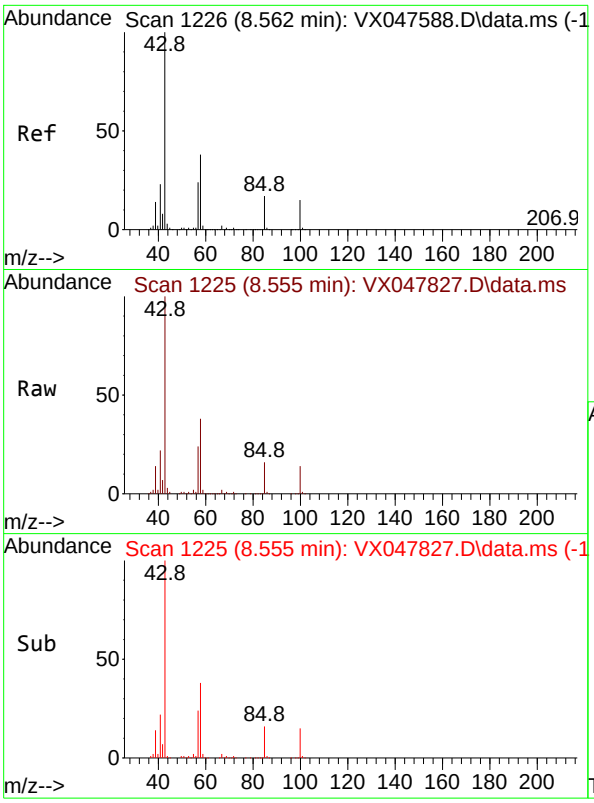


#50
Toluene-d8
Concen: 53.629 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 98 Resp: 329938

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4



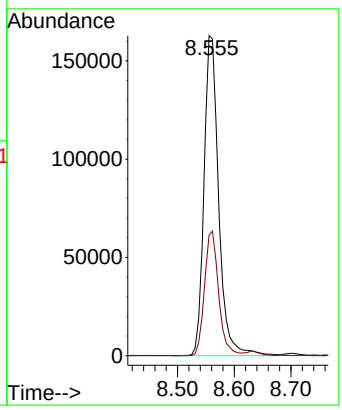


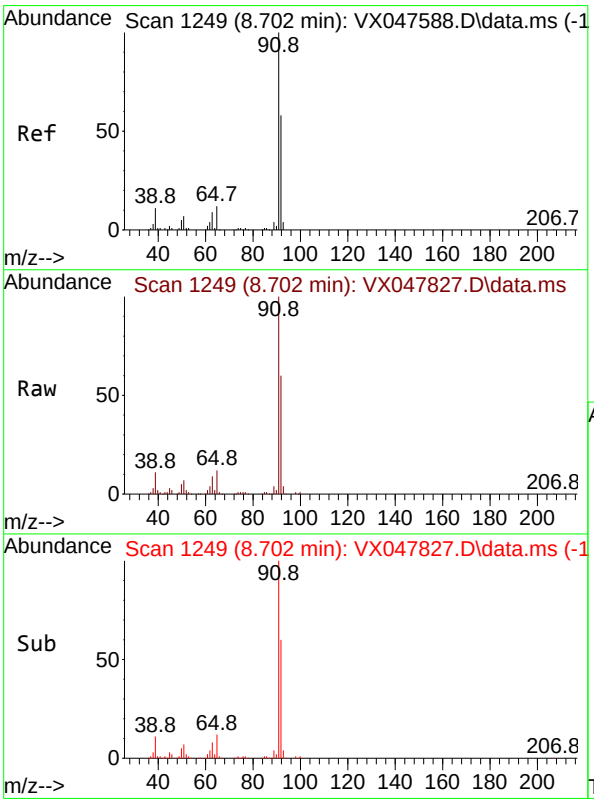
#51
4-Methyl-2-Pentanone
Concen: 115.883 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 43 Resp: 293135

Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.3	45.5

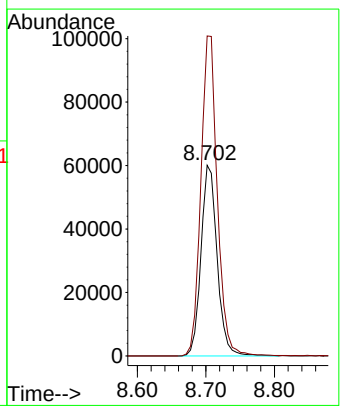


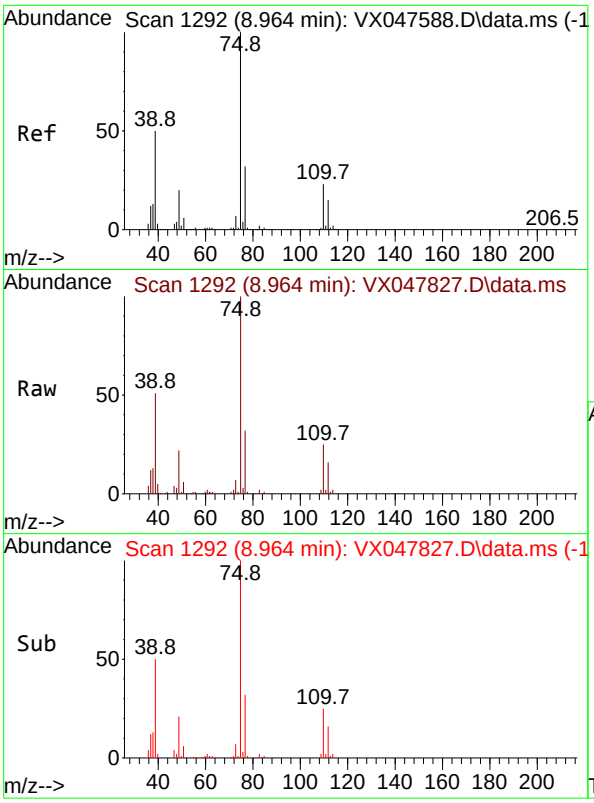


#52
Toluene
Concen: 20.288 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 92 Resp: 98632

Ion	Ratio	Lower	Upper
92	100		
91	171.1	137.1	205.7



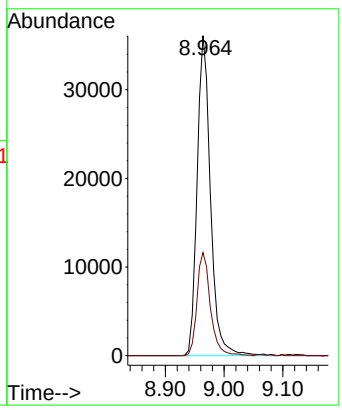


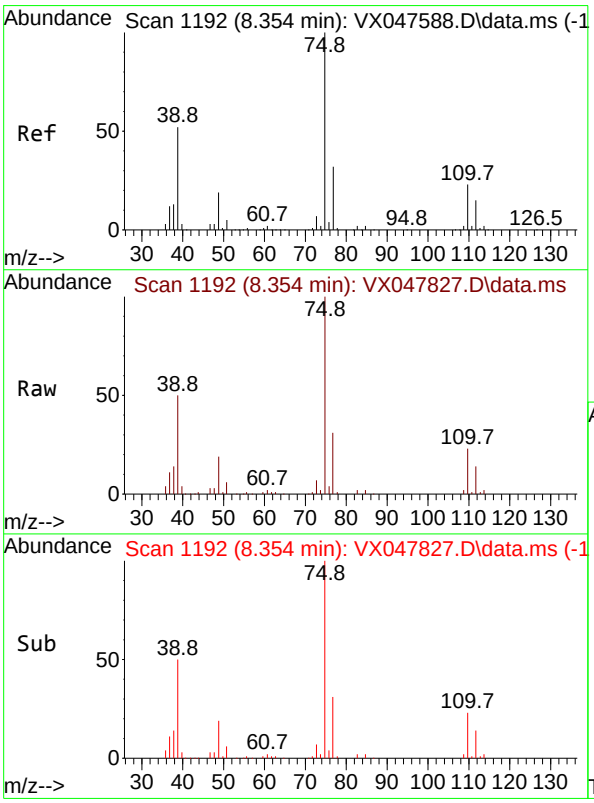
#53
t-1,3-Dichloropropene
Concen: 18.467 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 75 Resp: 57154

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2

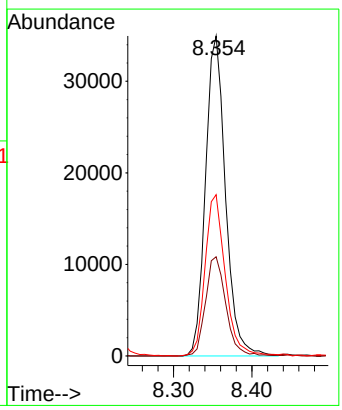


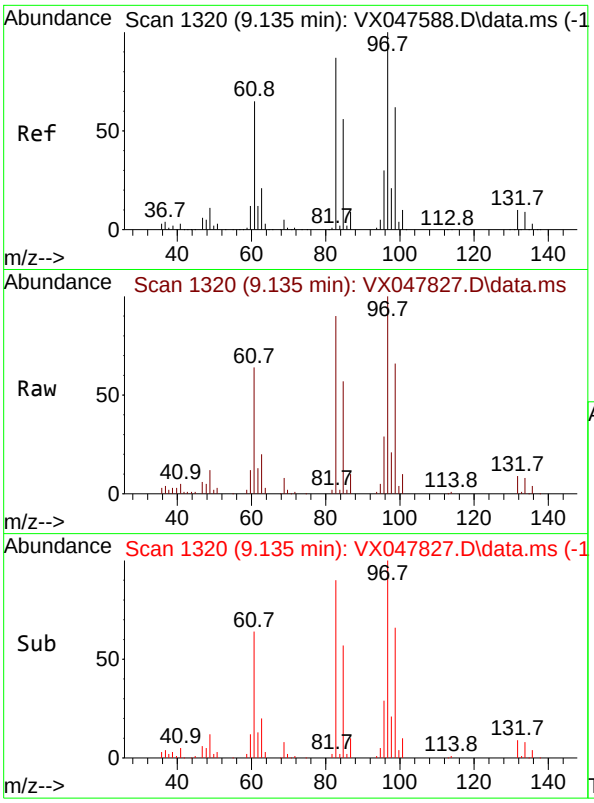


#54
cis-1,3-Dichloropropene
Concen: 18.697 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 75 Resp: 61851

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.8	38.6
39	48.9	41.4	62.2



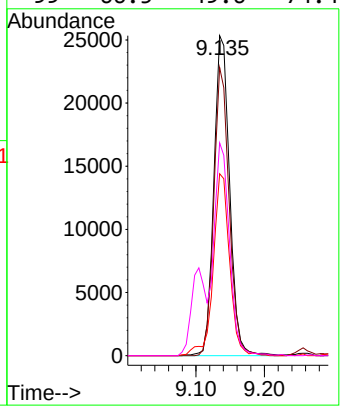


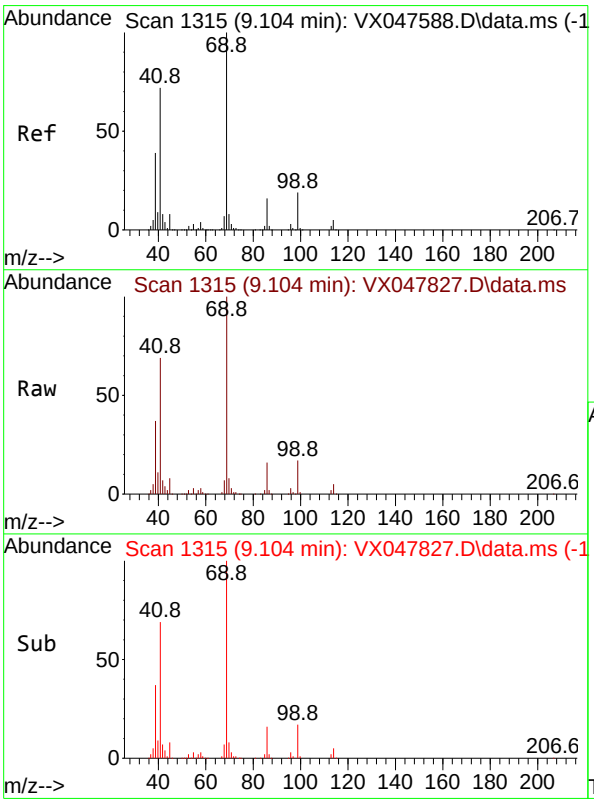
#55
1,1,2-Trichloroethane
Concen: 21.551 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 97 Resp: 40400

Ion	Ratio	Lower	Upper
97	100		
83	90.1	69.6	104.4
85	56.9	45.0	67.6
99	66.5	49.6	74.4

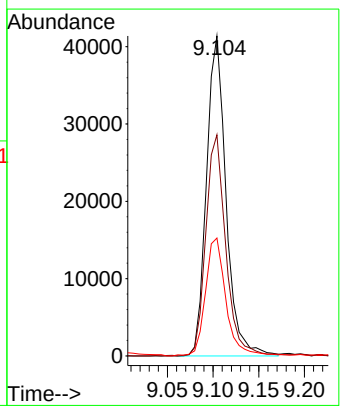


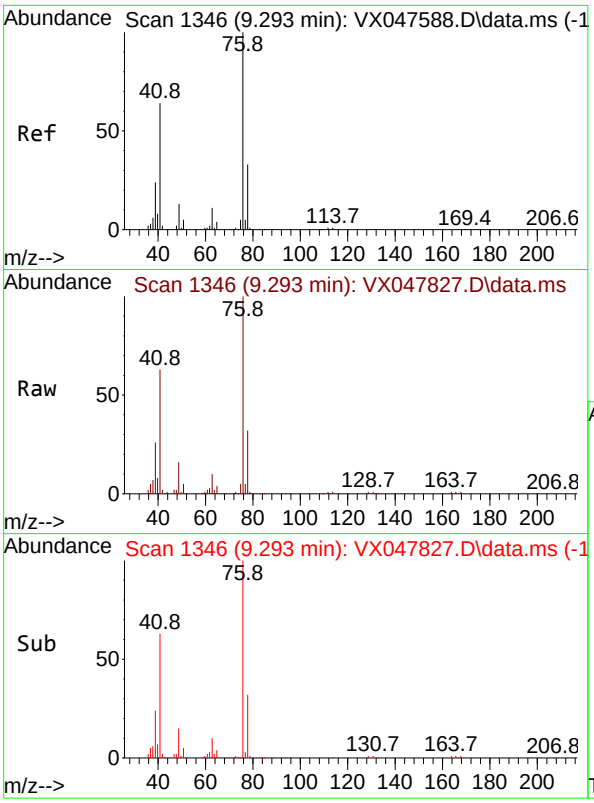


#56
Ethyl methacrylate
Concen: 20.872 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 69 Resp: 61448

Ion	Ratio	Lower	Upper
69	100		
41	70.5	58.6	87.8
39	38.9	31.5	47.3



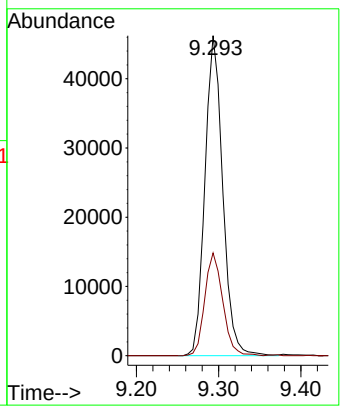


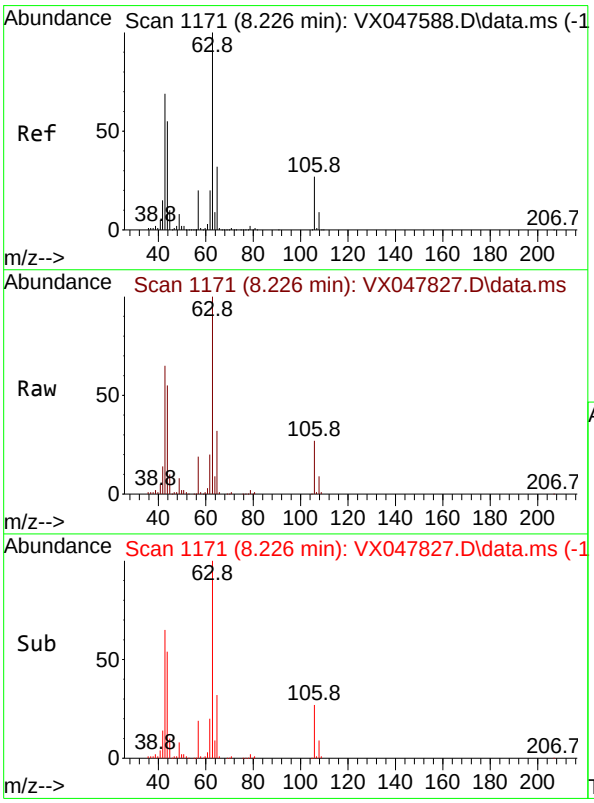
#57
1,3-Dichloropropane
Concen: 21.581 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 76 Resp: 69498

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4

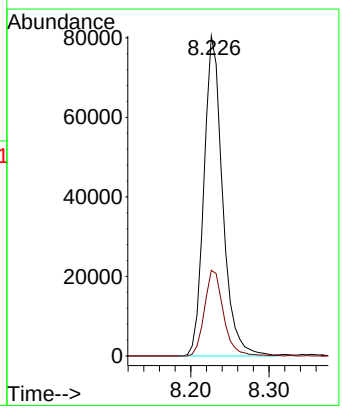


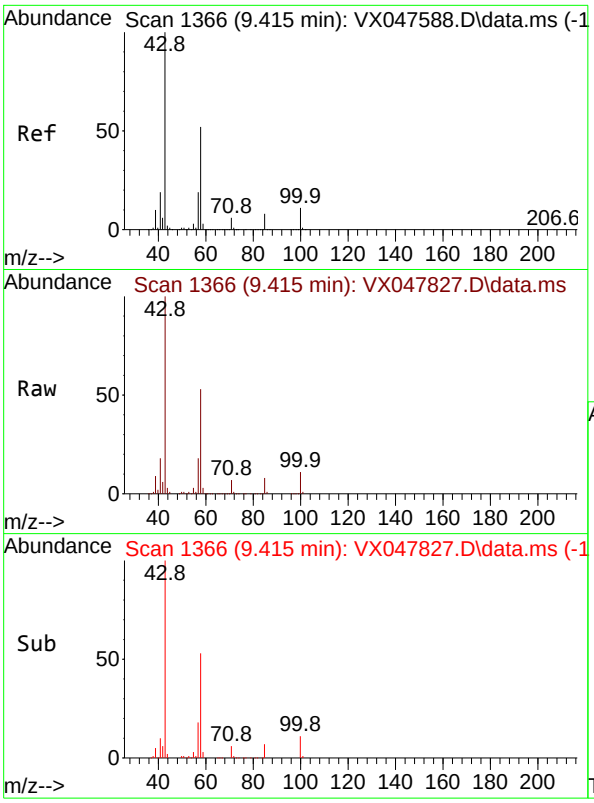


#58
2-Chloroethyl Vinyl ether
Concen: 101.652 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 63 Resp: 133073

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.9	32.9



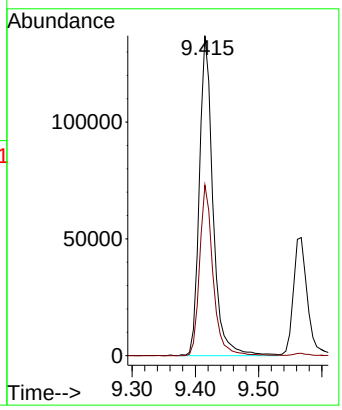


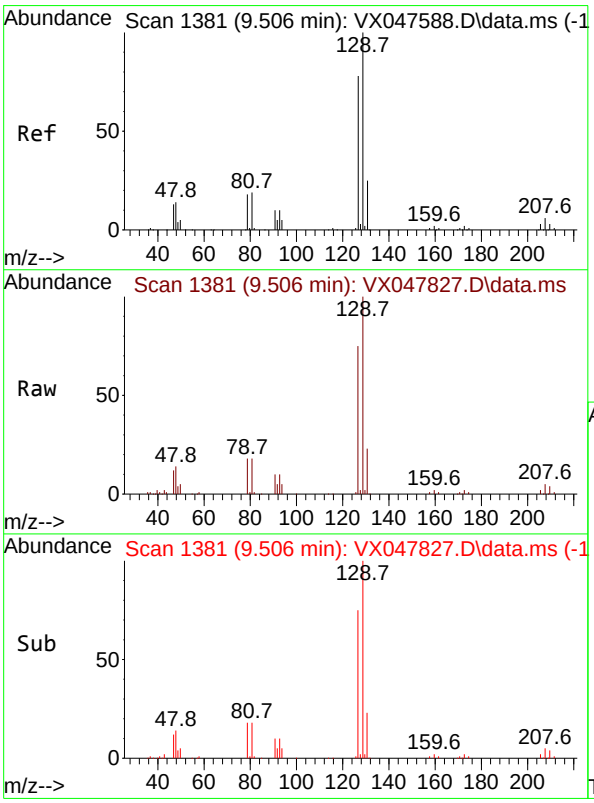
#59
2-Hexanone
Concen: 112.954 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 43 Resp: 205208

Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.1	78.2

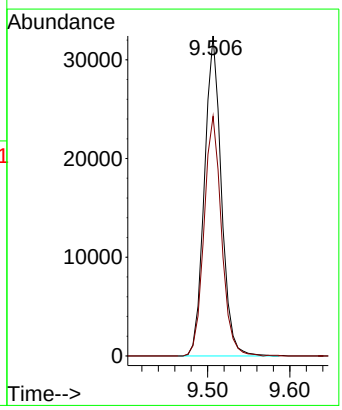


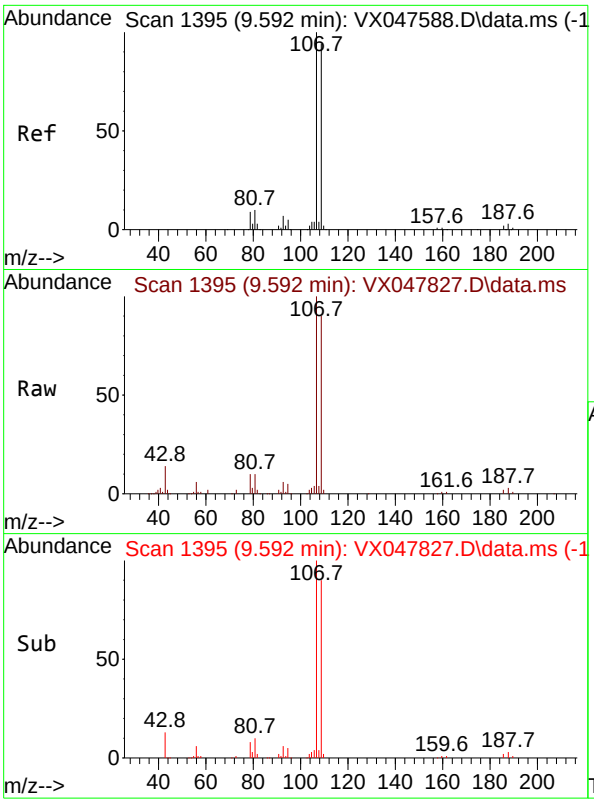


#60
Dibromochloromethane
Concen: 21.464 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:129 Resp: 46362

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.4	115.2



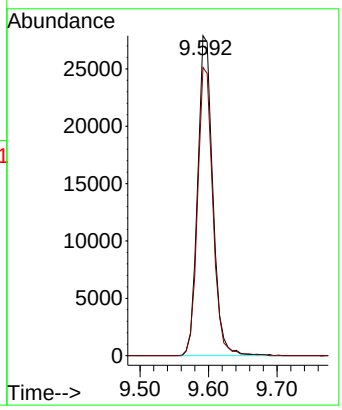


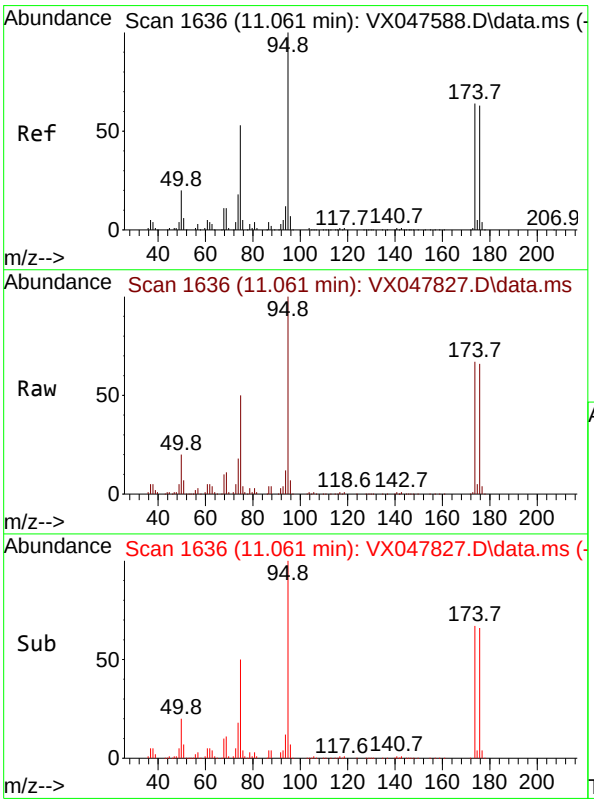
#61
1,2-Dibromoethane
Concen: 22.527 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:107 Resp: 43013

Ion	Ratio	Lower	Upper
107	100		
109	90.9	75.3	112.9

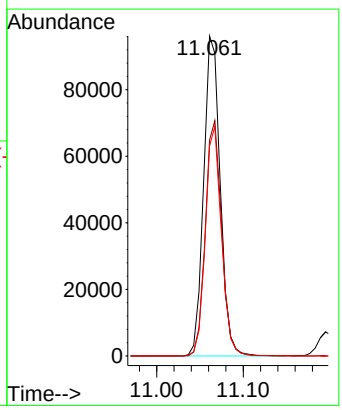


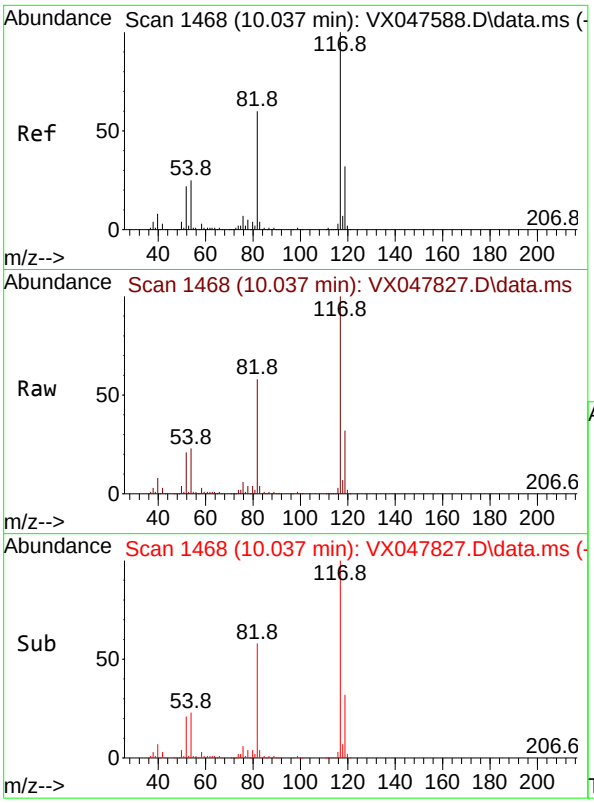


#62
4-Bromofluorobenzene
Concen: 54.622 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 95 Resp: 127538

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	141.6
176	69.6	0.0	138.4



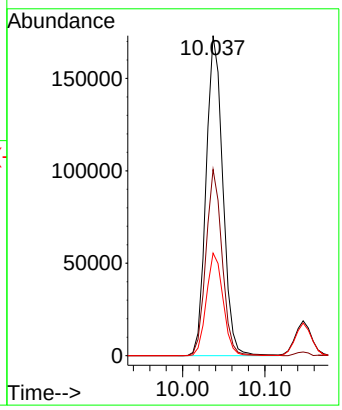


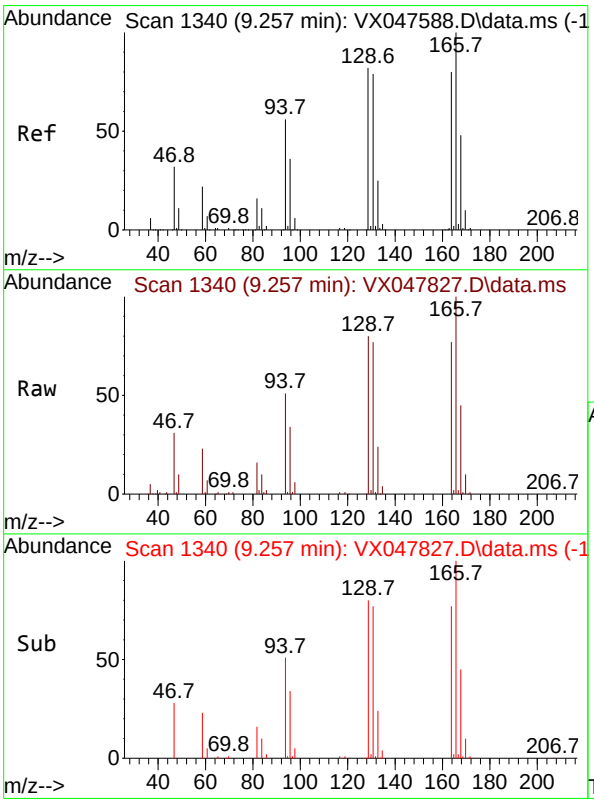
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:117 Resp: 243871

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.8	71.6
119	32.0	25.2	37.8

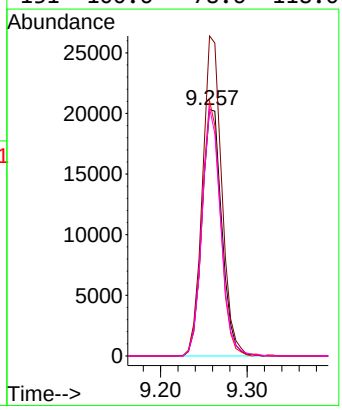


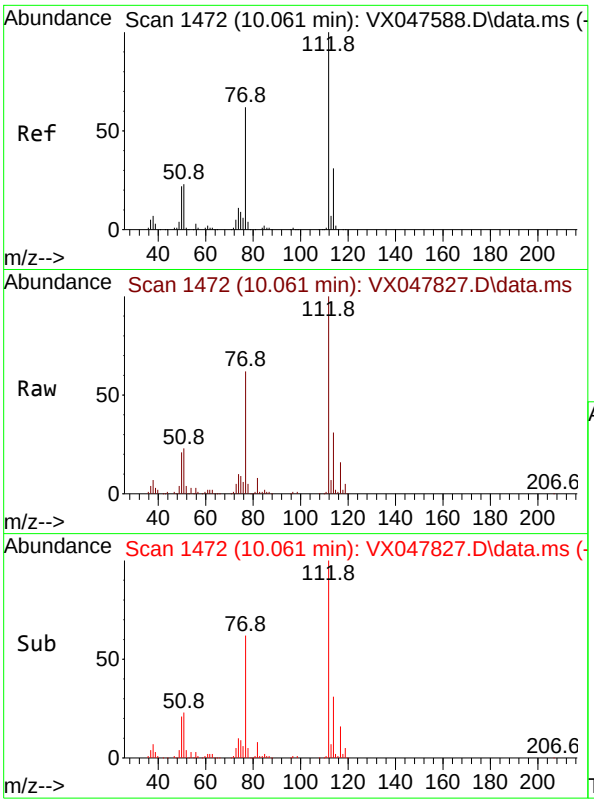


#64
Tetrachloroethene
Concen: 20.244 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:164 Resp: 32183

Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.2	150.2
129	103.5	81.8	122.6
131	100.6	78.6	118.0



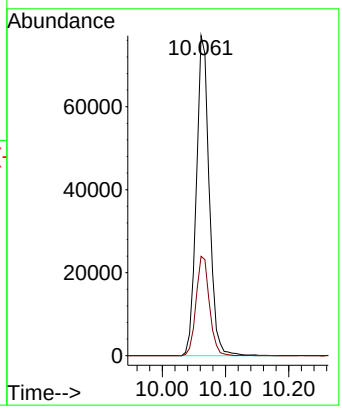


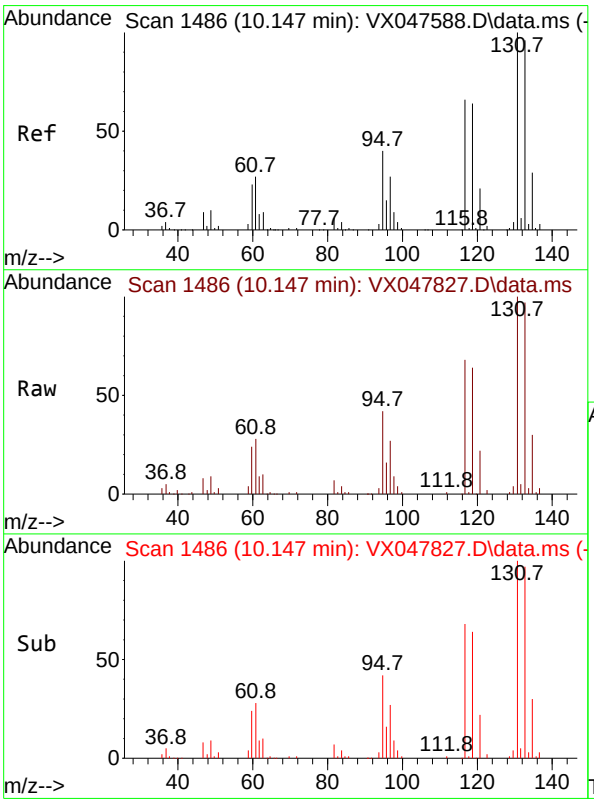
#65
Chlorobenzene
Concen: 19.778 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:112 Resp: 109575

Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.1	37.7

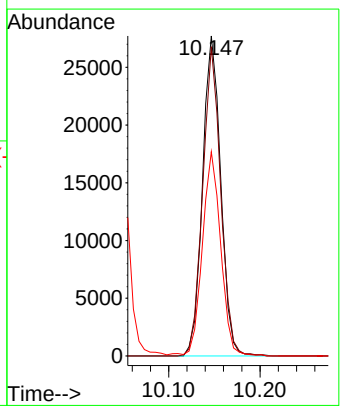


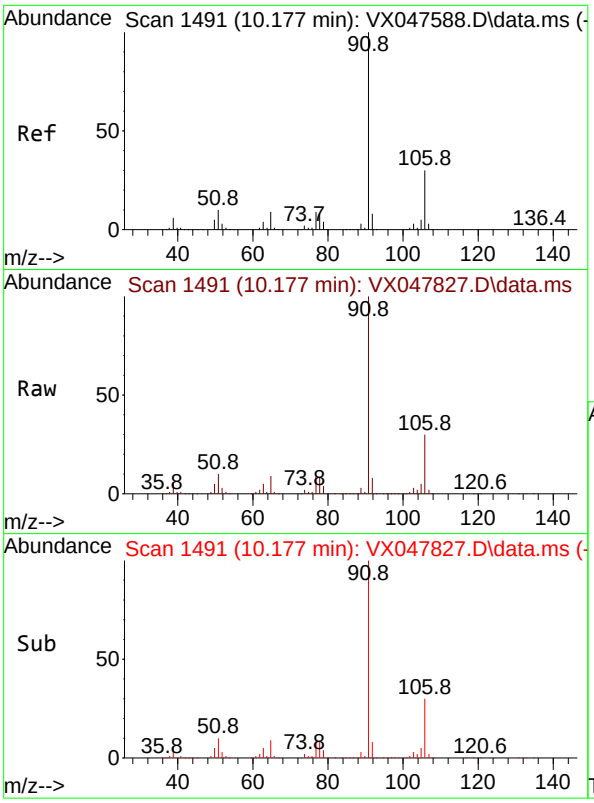


#66
1,1,1,2-Tetrachloroethane
Concen: 20.004 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:131 Resp: 38243

Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.3	142.0
119	64.4	32.0	96.0



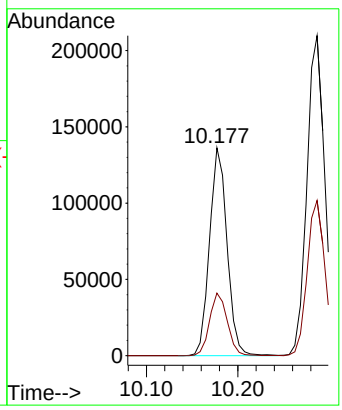


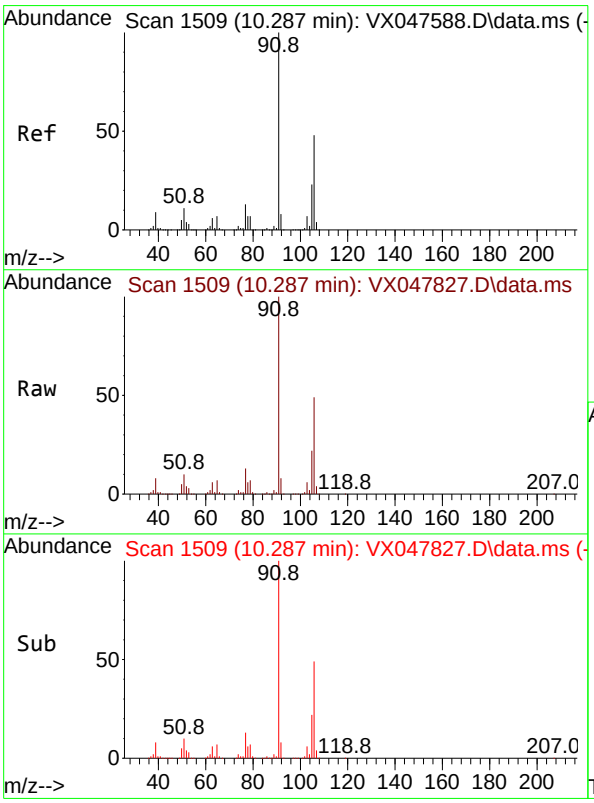
#67
Ethyl Benzene
Concen: 18.975 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 91 Resp: 181389

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.3	36.5

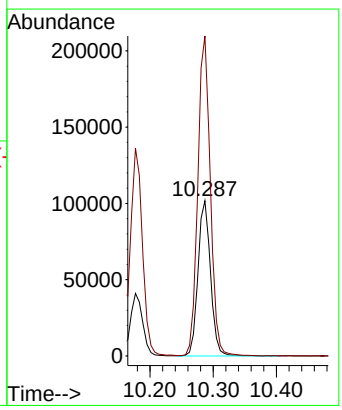


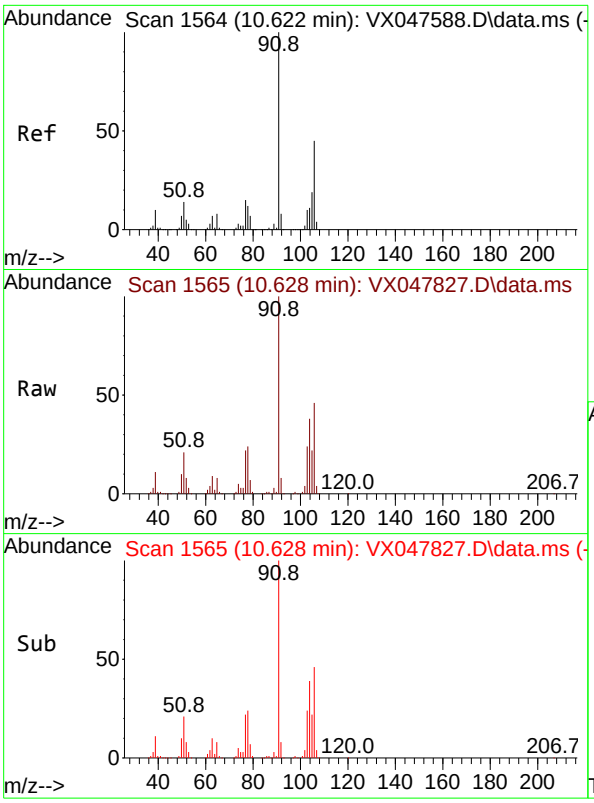


#68
m/p-Xylenes
Concen: 39.418 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:106 Resp: 140253

Ion	Ratio	Lower	Upper
106	100		
91	206.7	167.8	251.8



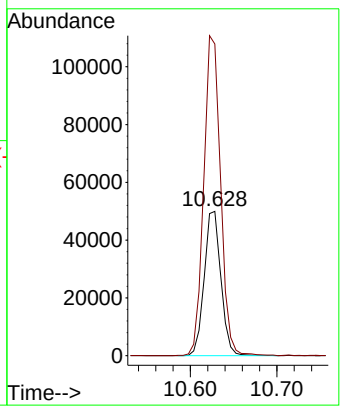


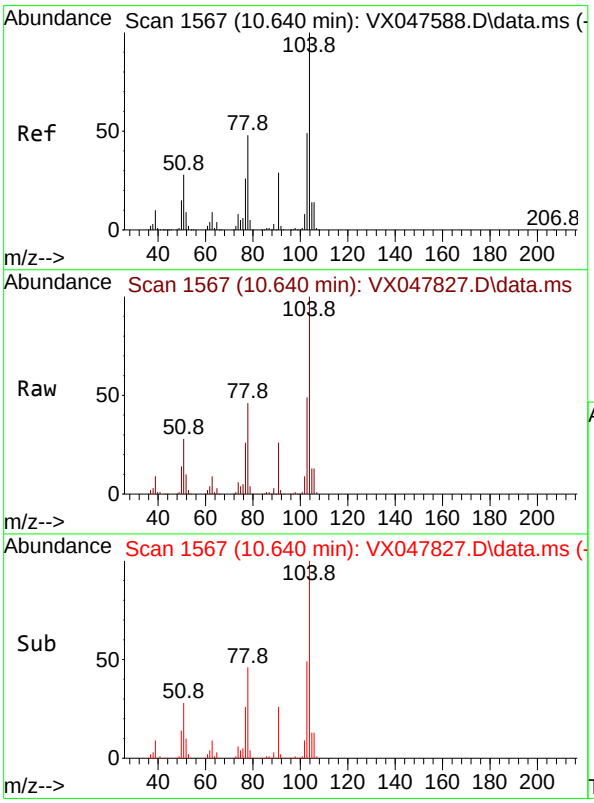
#69
o-Xylene
Concen: 19.462 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:106 Resp: 66978

Ion	Ratio	Lower	Upper
106	100		
91	223.3	111.1	333.4

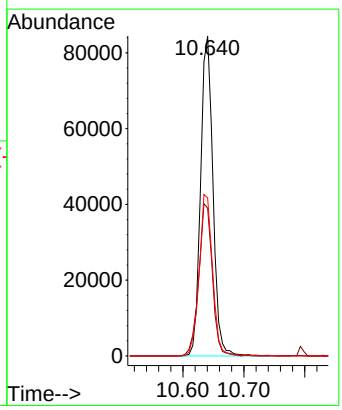


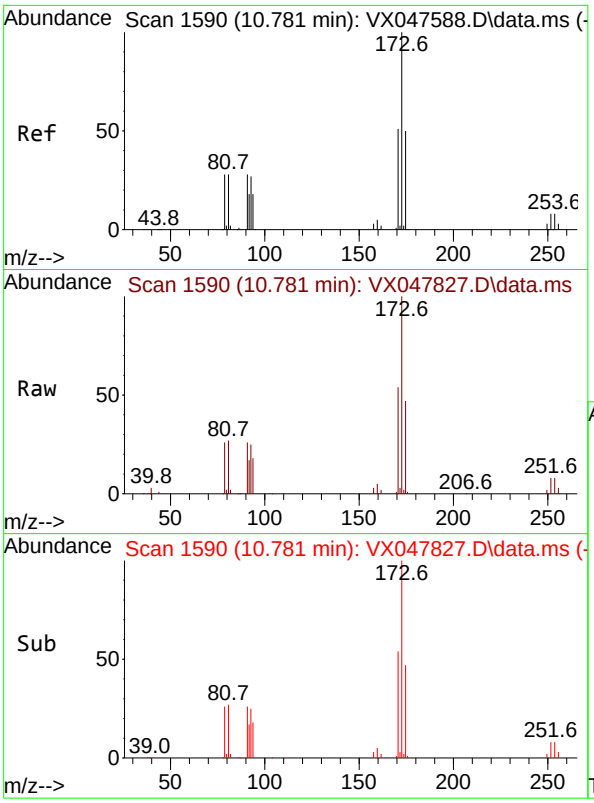


#70
Styrene
Concen: 19.743 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:104 Resp: 119054

Ion	Ratio	Lower	Upper
104	100		
78	52.3	43.1	64.7
103	54.6	43.1	64.7



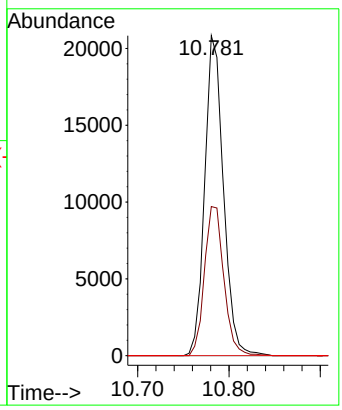


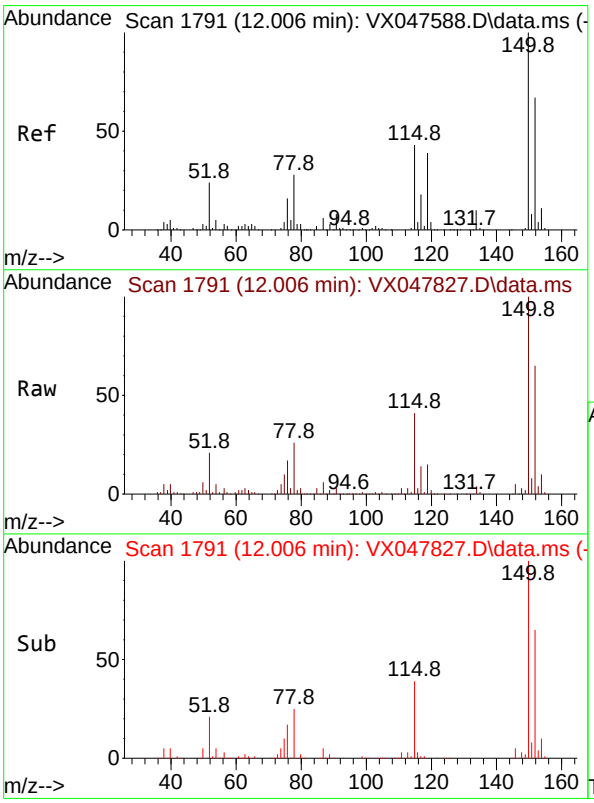
#71
Bromoform
Concen: 20.781 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:173 Resp: 29665

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.6
254	0.0	0.1	0.1#

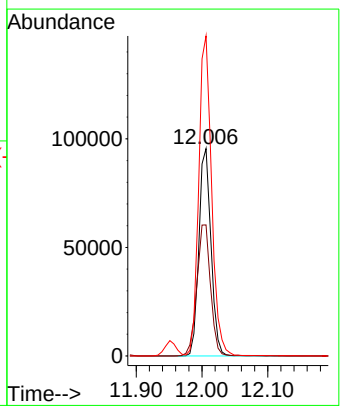


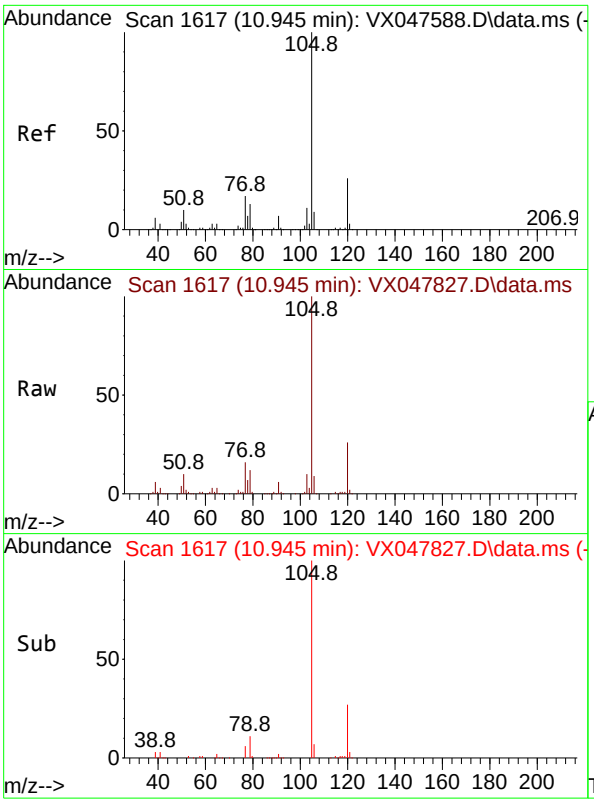


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:152 Resp: 122300

Ion	Ratio	Lower	Upper
152	100		
115	71.2	44.9	134.5
150	163.3	0.0	352.0



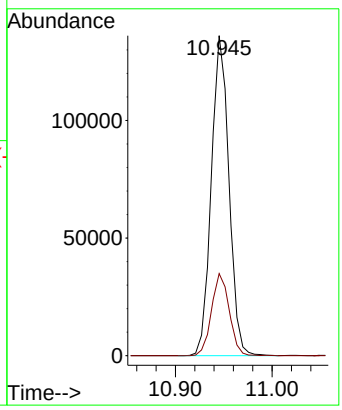


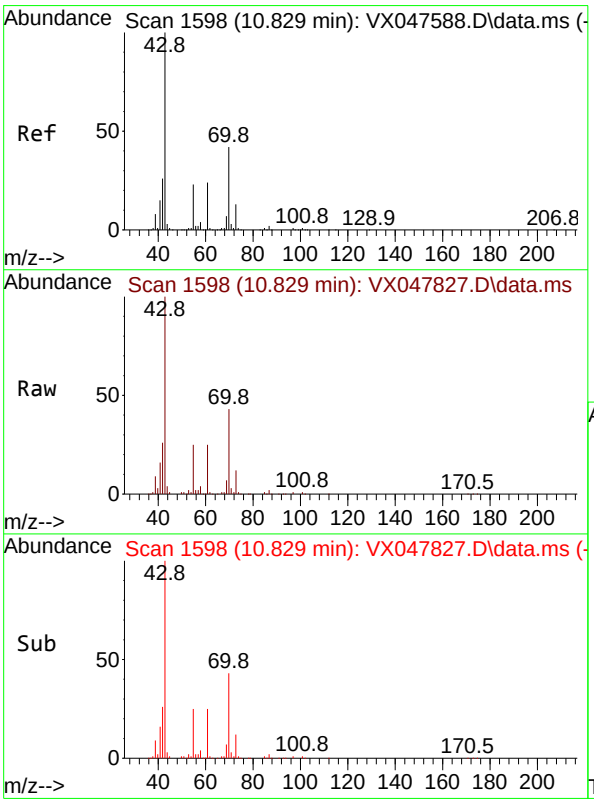
#73
Isopropylbenzene
Concen: 18.509 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:105 Resp: 172097

Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.4

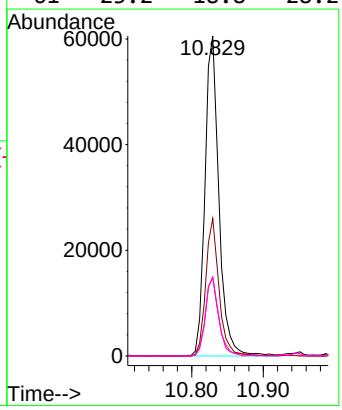


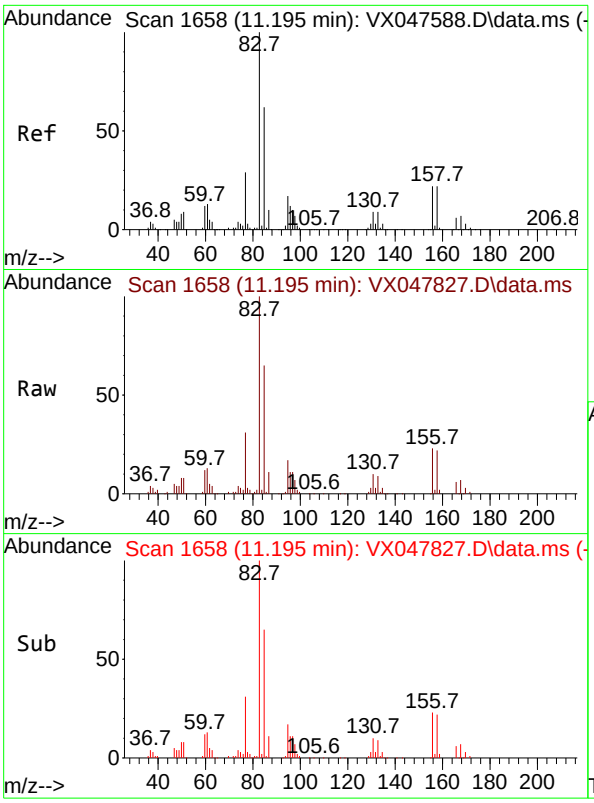


#74
N-amyl acetate
Concen: 19.362 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 43 Resp: 82094

Ion	Ratio	Lower	Upper
43	100		
70	41.1	32.0	48.0
55	24.0	18.9	28.3
61	23.2	18.8	28.2



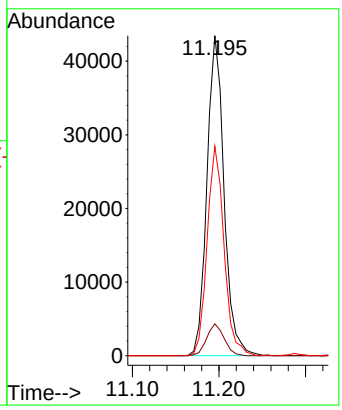


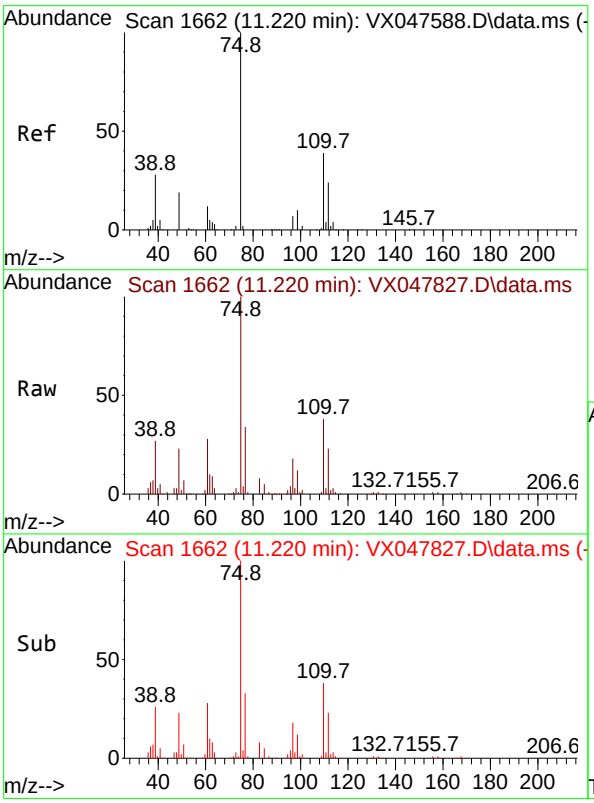
#75
1,1,2,2-Tetrachloroethane
Concen: 21.161 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 83 Resp: 59528

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	64.5	31.6	95.0

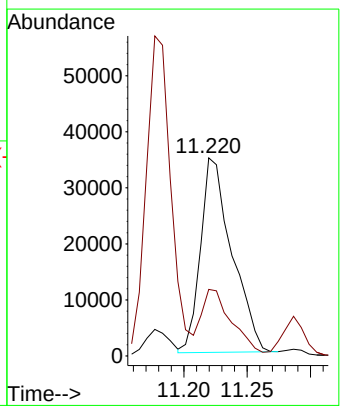


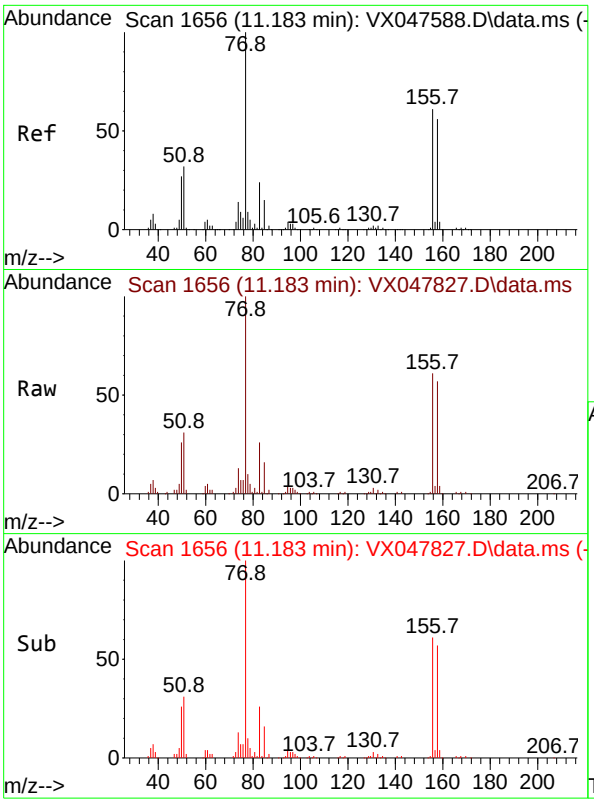


#76
1,2,3-Trichloropropane
Concen: 24.236 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 75 Resp: 60012

Ion	Ratio	Lower	Upper
75	100		
77	32.8	18.8	56.4



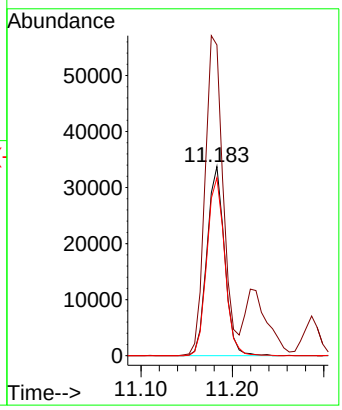


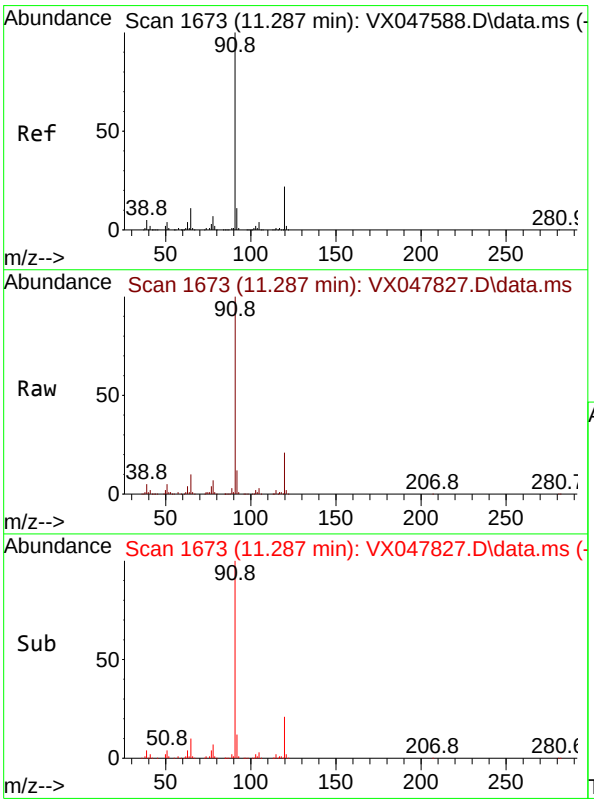
#77
Bromobenzene
Concen: 19.632 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:156 Resp: 44957

Ion	Ratio	Lower	Upper
156	100		
77	174.4	89.7	269.1
158	95.9	47.9	143.6

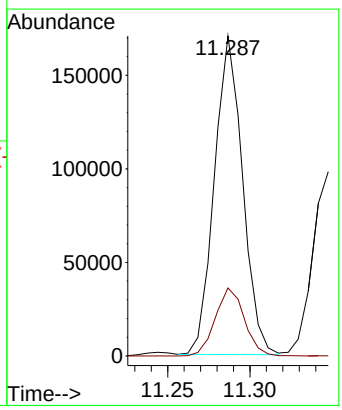


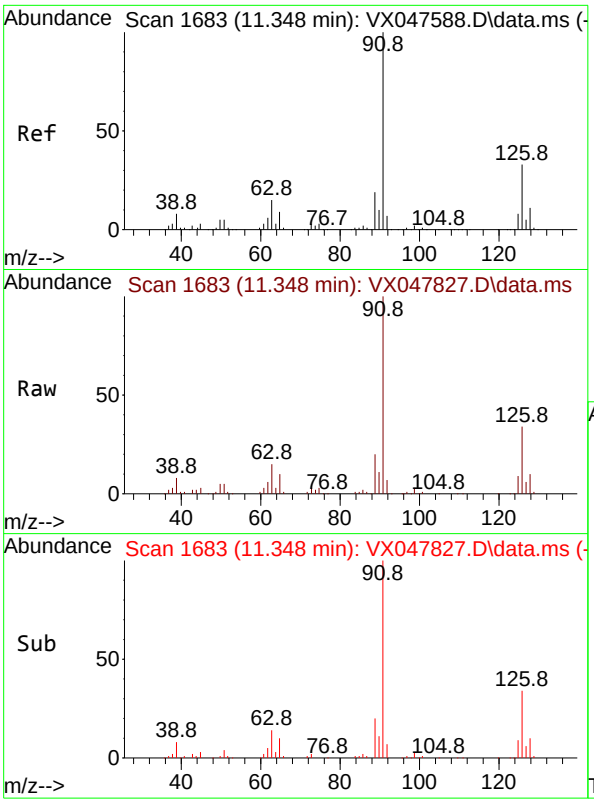


#78
n-propylbenzene
Concen: 18.451 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 91 Resp: 202799

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1



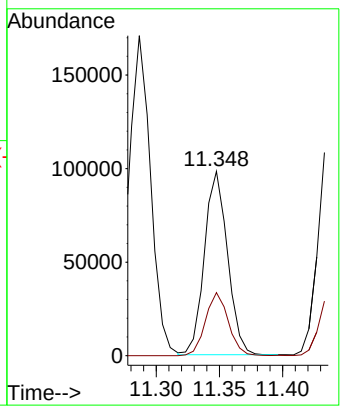


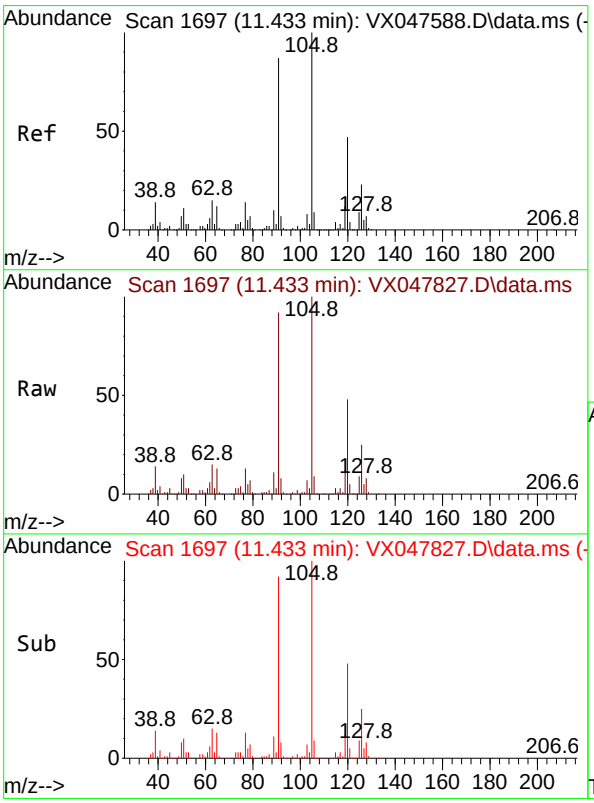
#79
2-Chlorotoluene
Concen: 18.519 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 91 Resp: 124673

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.1	48.3

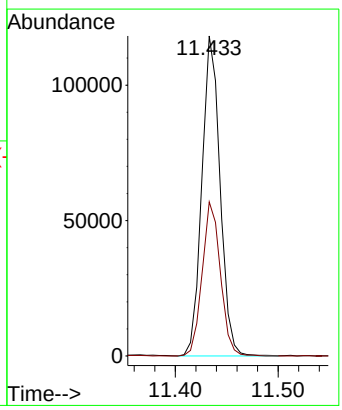


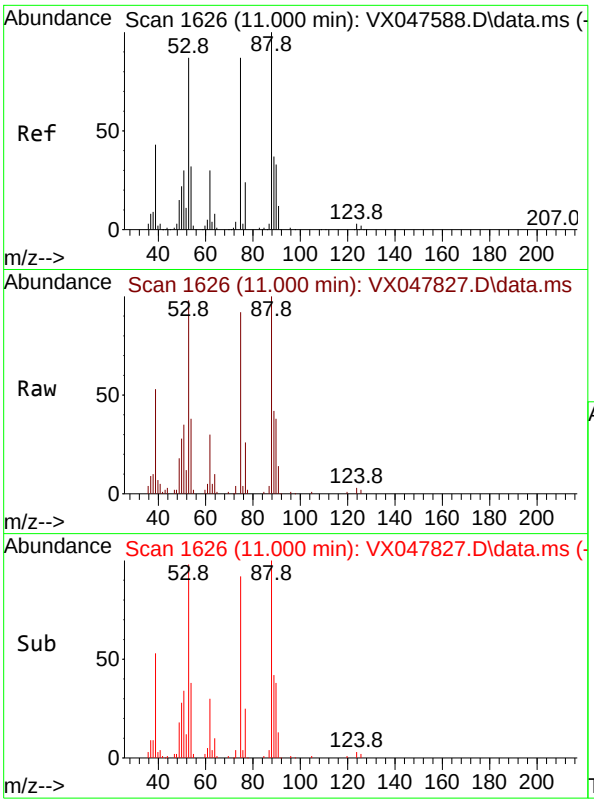


#80
1,3,5-Trimethylbenzene
Concen: 19.048 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:105 Resp: 145509

Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.6	70.8



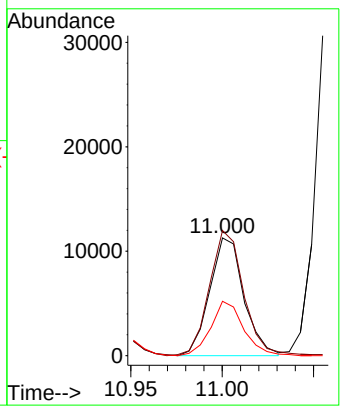


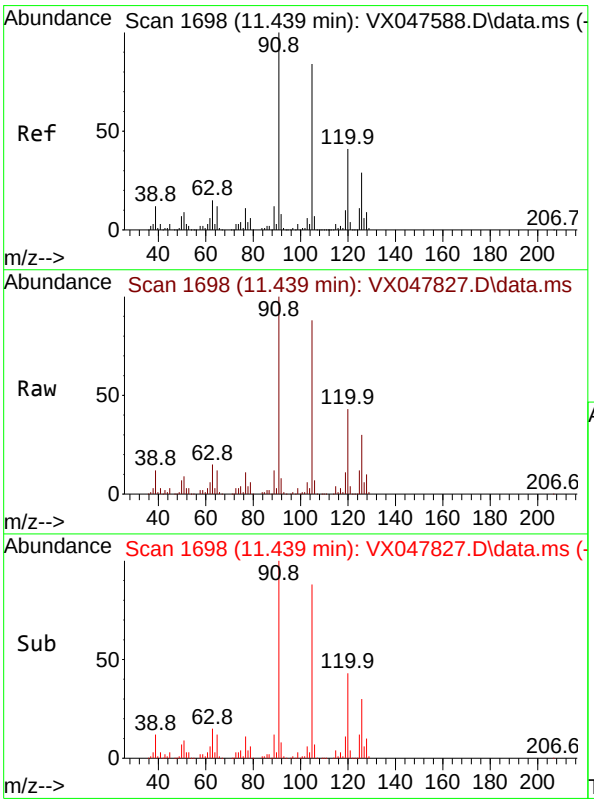
#81
trans-1,4-Dichloro-2-butene
Concen: 15.145 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 75 Resp: 14706

Ion	Ratio	Lower	Upper
75	100		
53	107.1	83.4	125.2
89	44.3	36.3	54.5

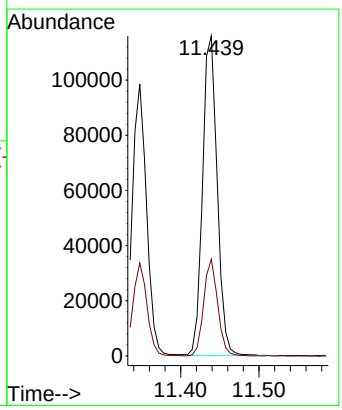


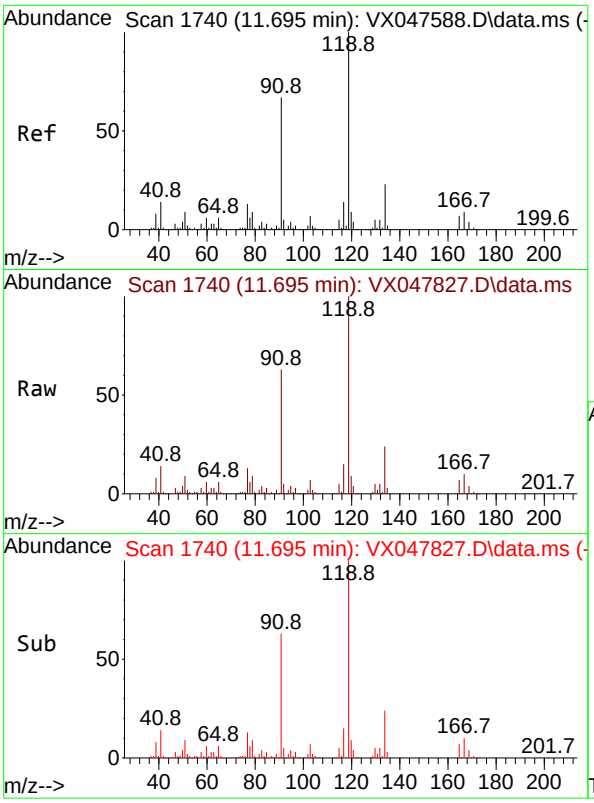


#82
4-Chlorotoluene
Concen: 18.883 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 91 Resp: 150138

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.2	42.6



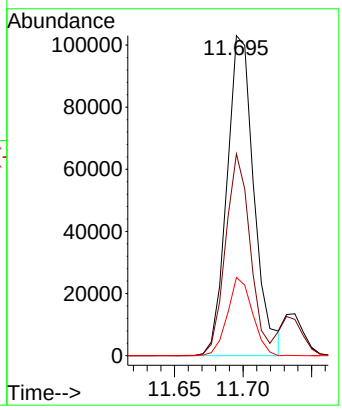


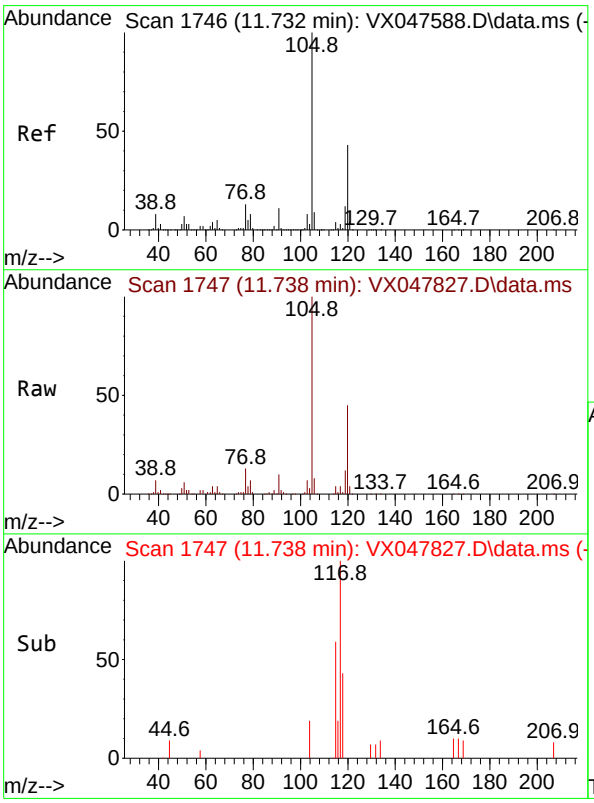
#83
tert-Butylbenzene
Concen: 18.134 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:119 Resp: 141812

Ion	Ratio	Lower	Upper
119	100		
91	57.7	29.6	88.8
134	22.6	11.0	33.0

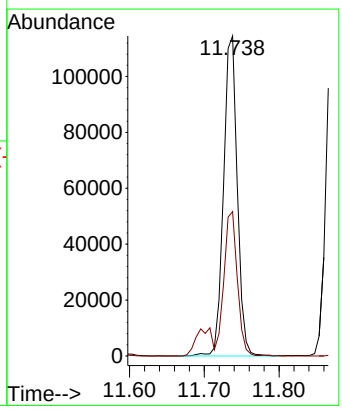


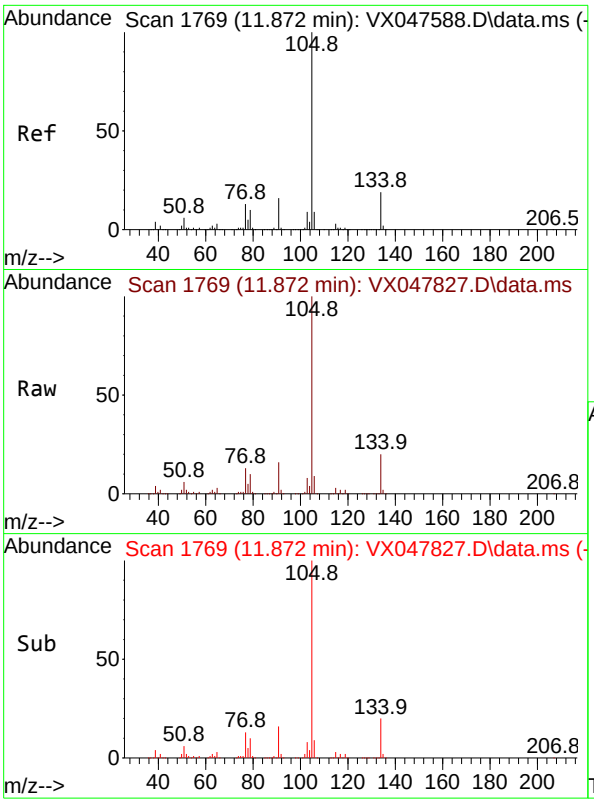


#84
1,2,4-Trimethylbenzene
Concen: 18.881 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:105 Resp: 146234

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.1



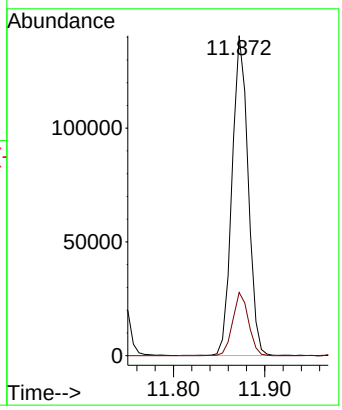


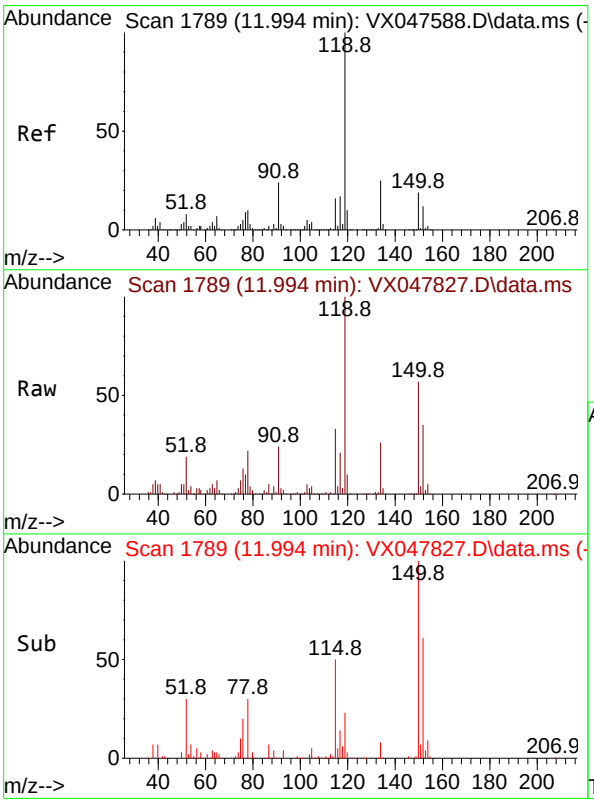
#85
sec-Butylbenzene
Concen: 18.466 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:105 Resp: 171520

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

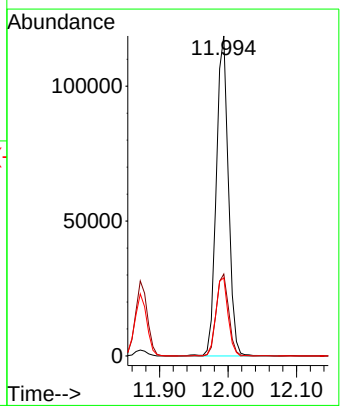


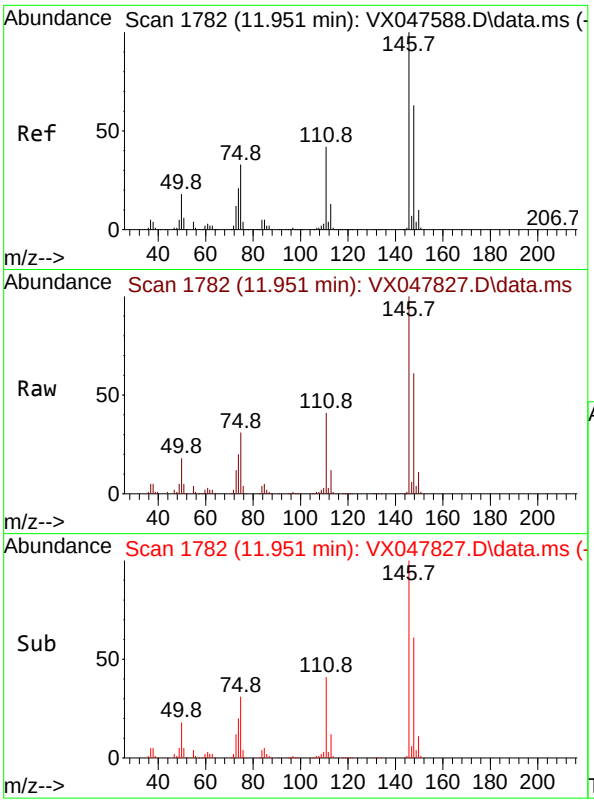


#86
p-Isopropyltoluene
Concen: 18.381 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:119 Resp: 144542

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.6	37.8
91	24.7	12.6	37.6



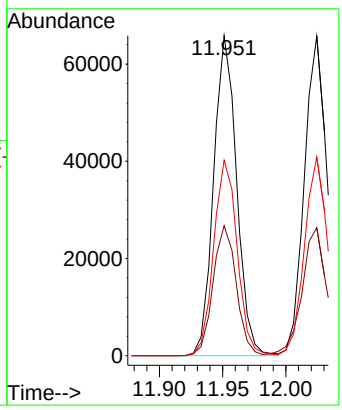


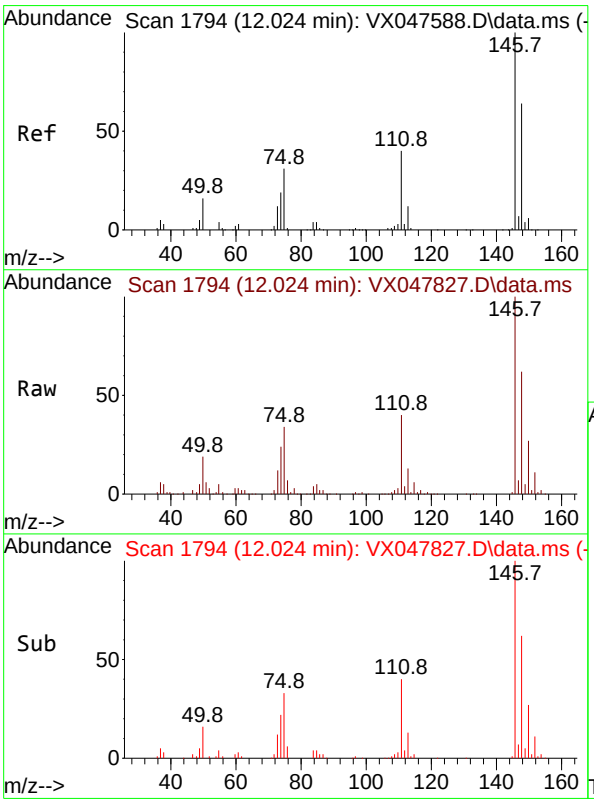
#87
1,3-Dichlorobenzene
Concen: 19.537 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:146 Resp: 83102

Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.5	64.5
148	62.5	32.0	96.0

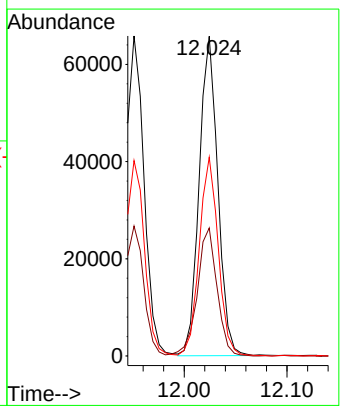


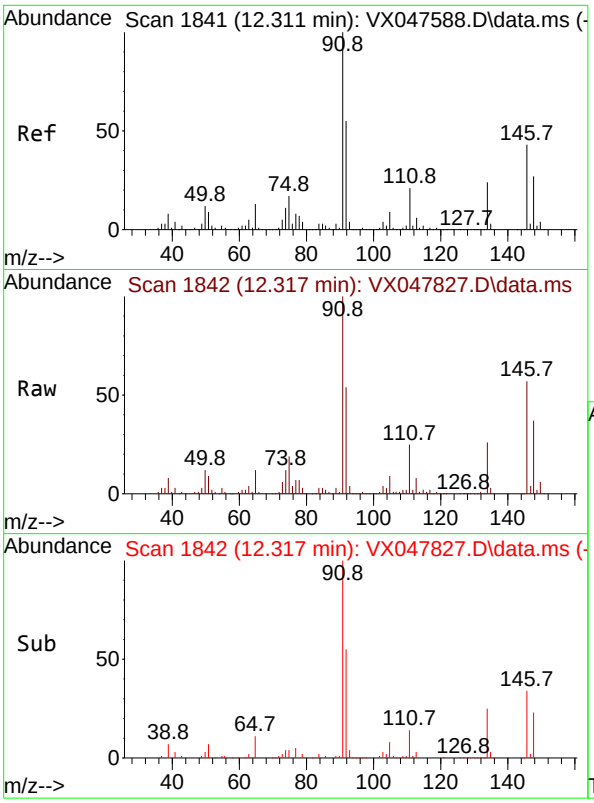


#88
1,4-Dichlorobenzene
Concen: 19.043 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:146 Resp: 83133

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.8	62.4
148	63.4	31.7	95.1



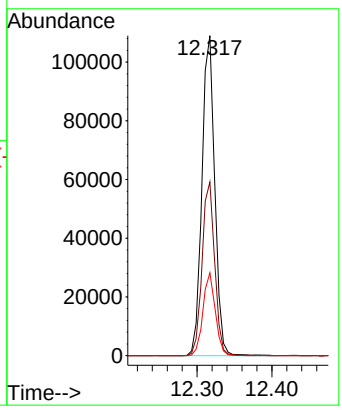


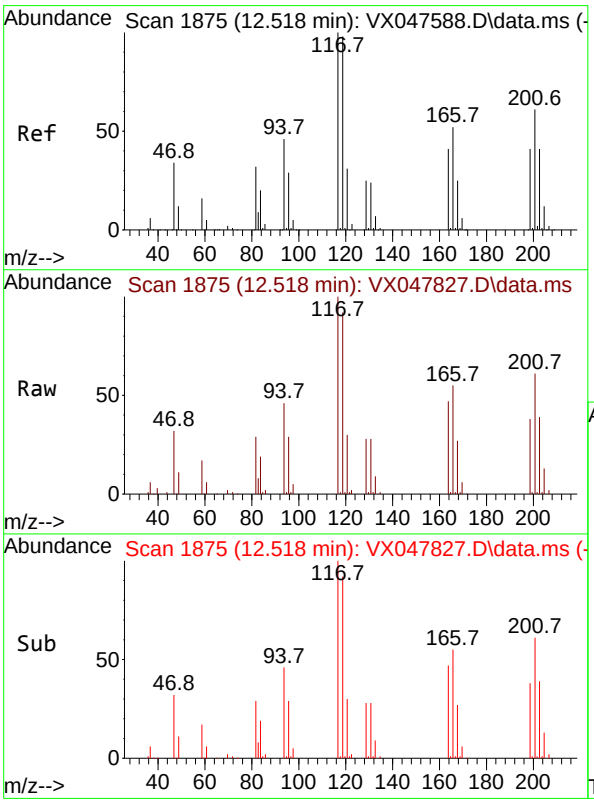
#89
n-Butylbenzene
Concen: 17.832 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion: 91 Resp: 129751

Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.6	82.7
134	24.9	12.6	37.8

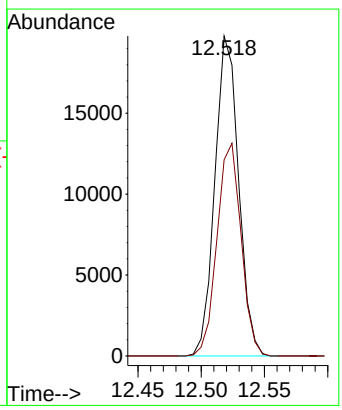


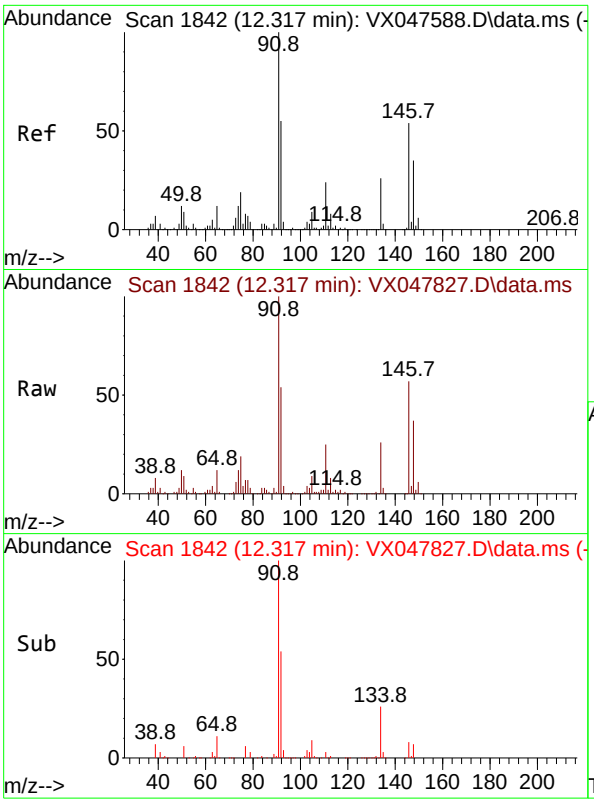


#90
Hexachloroethane
Concen: 18.654 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:117 Resp: 25755

Ion	Ratio	Lower	Upper
117	100		
201	67.6	34.2	102.5



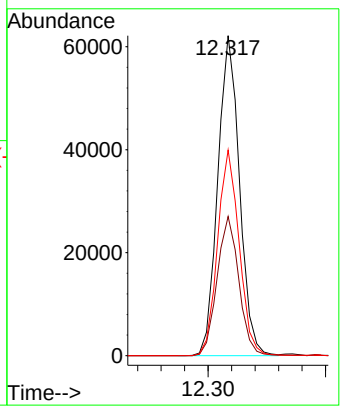


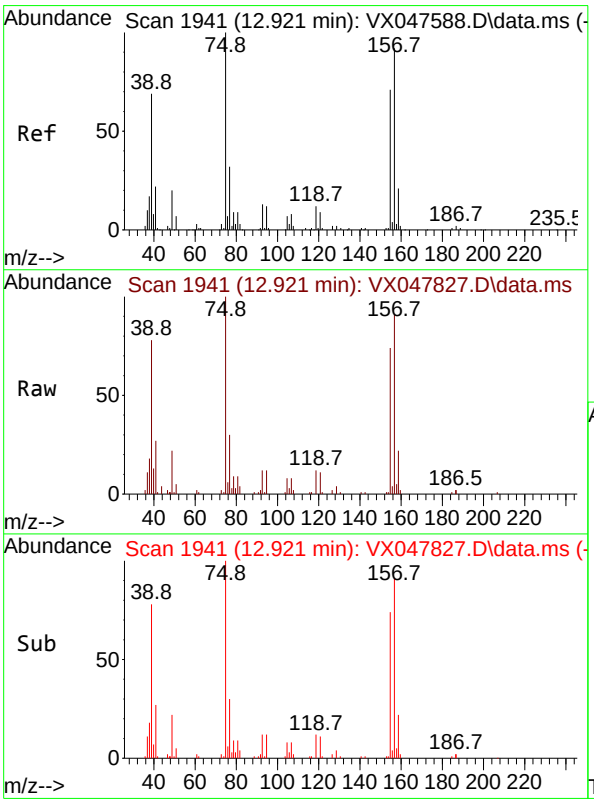
#91
1,2-Dichlorobenzene
Concen: 19.658 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:146 Resp: 79663

Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.2	66.6
148	63.9	31.8	95.4

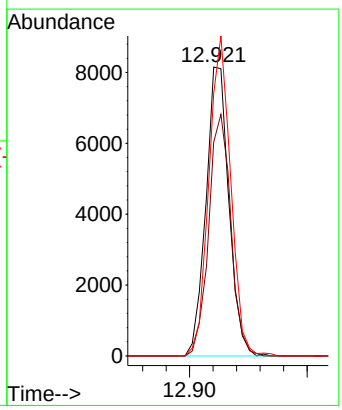


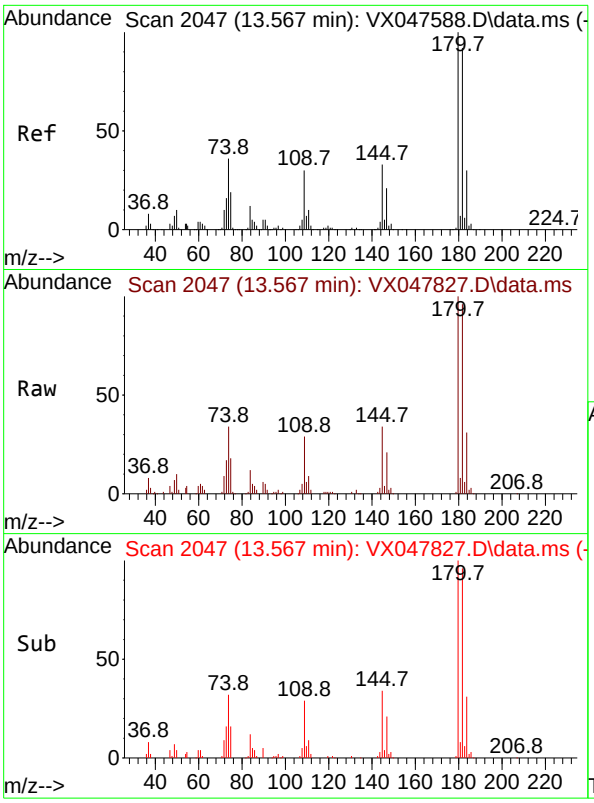


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.465 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion: 75 Resp: 11086

Ion	Ratio	Lower	Upper
75	100		
155	80.2	37.7	113.1
157	105.0	49.8	149.4



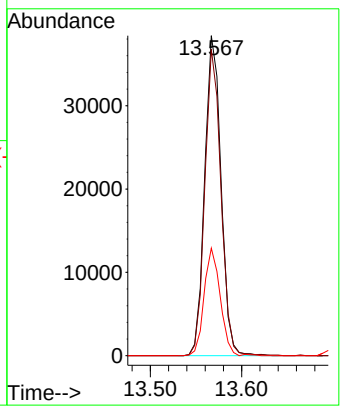


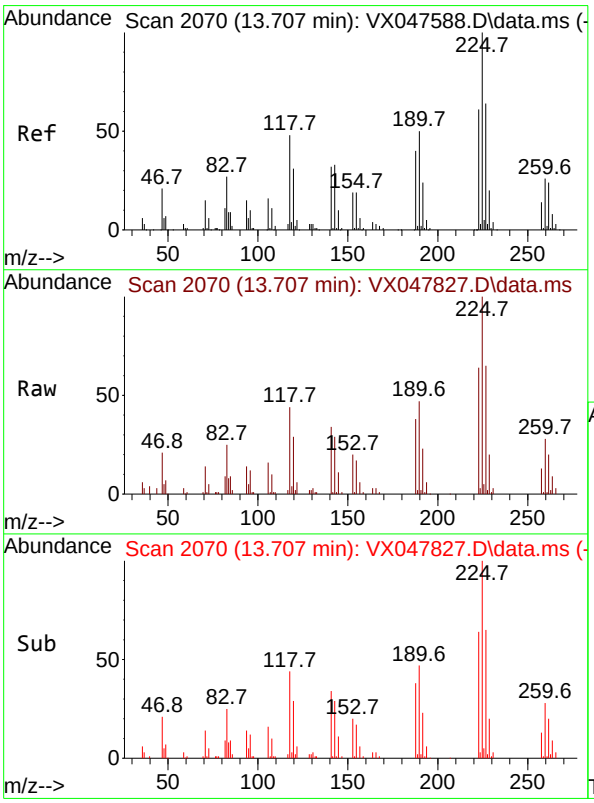
#93
1,2,4-Trichlorobenzene
Concen: 18.084 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:180 Resp: 47628

Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.6	139.8
145	33.2	16.4	49.1

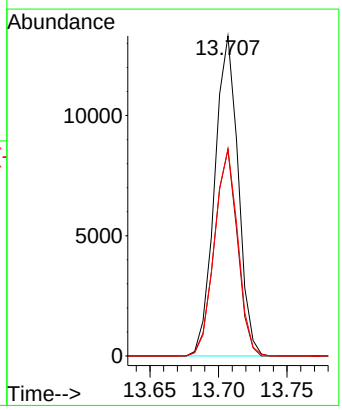


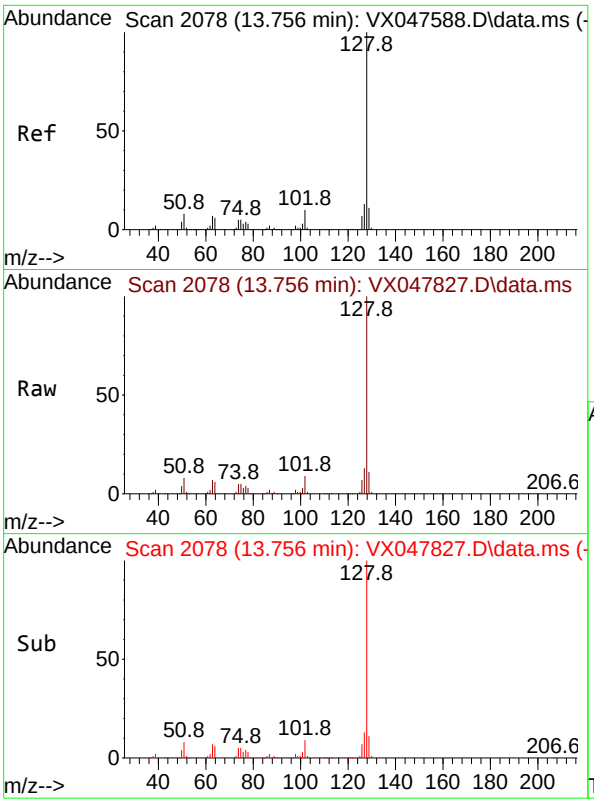


#94
Hexachlorobutadiene
Concen: 17.730 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:225 Resp: 15861

Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.7	95.1
227	64.3	32.0	96.0



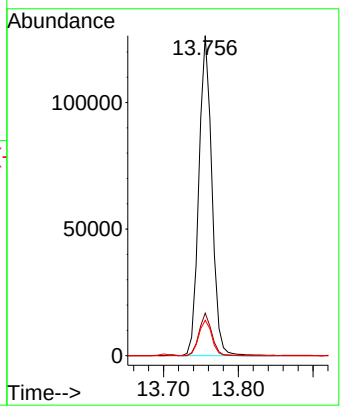


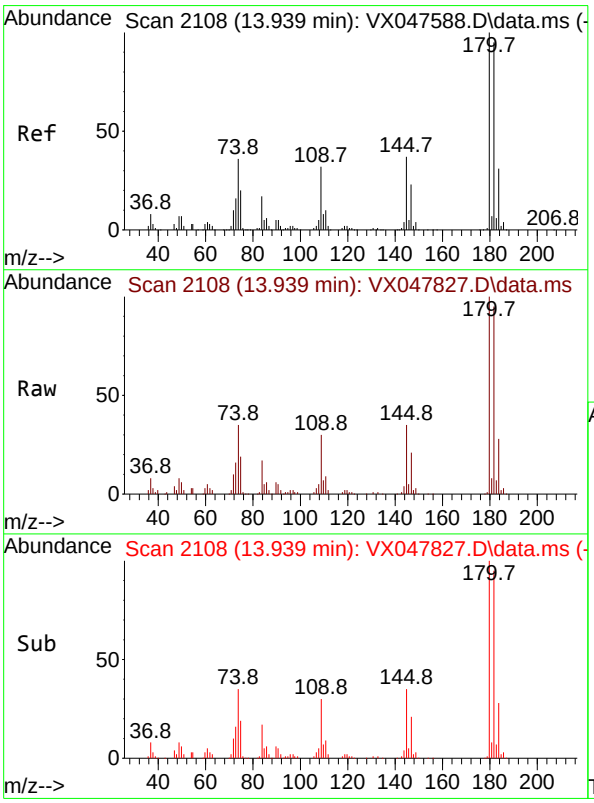
#95
Naphthalene
Concen: 19.033 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS02

Tgt Ion:128 Resp: 152643

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.1	8.8	13.2

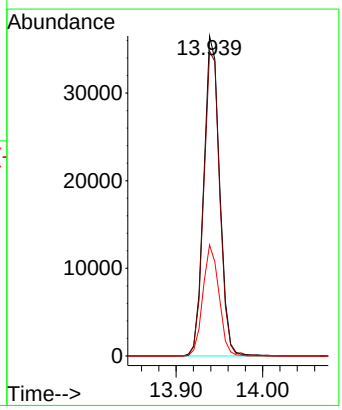




#96
1,2,3-Trichlorobenzene
Concen: 18.988 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX047827.D
Acq: 26 Sep 2025 02:31

Tgt Ion:180 Resp: 46519

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.6	142.8
145	34.9	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047844.D
Acq On : 26 Sep 2025 08:46
Operator : JC/MD
Sample : Q3128-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Quant Time: Sep 26 22:50:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	132069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	246705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	231070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	116495	55.416	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.840%			
35) Dibromofluoromethane	5.373	113	89487	54.086	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.180%			
50) Toluene-d8	8.635	98	296042	51.710	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.420%			
62) 4-Bromofluorobenzene	11.061	95	114832	52.851	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	74948	54.803	ug/l	98
3) Chloromethane	1.301	50	99996	55.634	ug/l	100
4) Vinyl Chloride	1.380	62	100732	57.252	ug/l	98
5) Bromomethane	1.618	94	55348	49.609	ug/l	100
6) Chloroethane	1.697	64	64634	54.963	ug/l	97
7) Trichlorofluoromethane	1.892	101	139734	53.488	ug/l	100
8) Diethyl Ether	2.136	74	61158	57.229	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	76764	50.253	ug/l	99
10) Methyl Iodide	2.453	142	102956	43.216	ug/l	100
11) Tert butyl alcohol	2.941	59	67494	288.276	ug/l	99
12) 1,1-Dichloroethene	2.325	96	85617	54.564	ug/l	98
13) Acrolein	2.239	56	53414	247.569	ug/l	99
14) Allyl chloride	2.666	41	157419	48.617	ug/l	97
15) Acrylonitrile	3.056	53	273854	315.780	ug/l	98
16) Acetone	2.374	43	221609	242.449	ug/l	98
17) Carbon Disulfide	2.514	76	236094	54.962	ug/l	98
18) Methyl Acetate	2.703	43	105509	51.867	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	320677	55.984	ug/l	100
20) Methylene Chloride	2.788	84	108422	56.038	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	94528	55.955	ug/l	97
22) Diisopropyl ether	3.757	45	353333	56.306	ug/l	92
23) Vinyl Acetate	3.715	43	1144109	227.805	ug/l	100
24) 1,1-Dichloroethane	3.605	63	186484	55.912	ug/l	99
25) 2-Butanone	4.544	43	335542	294.295	ug/l	99
26) 2,2-Dichloropropane	4.471	77	71490	25.785	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	115845	55.994	ug/l	93
28) Bromochloromethane	4.885	49	81184	55.755	ug/l	99
29) Tetrahydrofuran	4.995	42	208479	303.953	ug/l	99
30) Chloroform	5.087	83	191435	56.799	ug/l	99
31) Cyclohexane	5.458	56	133903	48.203	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	153731	53.774	ug/l	99
36) 1,1-Dichloropropene	5.684	75	120109	49.680	ug/l	99
37) Ethyl Acetate	4.702	43	120166	46.421	ug/l	100
38) Carbon Tetrachloride	5.666	117	130981	49.863	ug/l	94
39) Methylcyclohexane	7.367	83	119007	43.364	ug/l	97
40) Benzene	6.025	78	389677	53.067	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047844.D
Acq On : 26 Sep 2025 08:46
Operator : JC/MD
Sample : Q3128-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Quant Time: Sep 26 22:50:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	77682	58.128	ug/l		98
42) 1,2-Dichloroethane	6.074	62	145148	51.951	ug/l		97
43) Isopropyl Acetate	6.324	43	203803	48.004	ug/l		100
44) Trichloroethene	7.111	130	92274	51.977	ug/l		97
45) 1,2-Dichloropropane	7.415	63	101818	54.150	ug/l		98
46) Dibromomethane	7.568	93	74435	54.400	ug/l		98
47) Bromodichloromethane	7.806	83	152927	54.162	ug/l		99
48) Methyl methacrylate	7.678	41	114358	54.077	ug/l		98
49) 1,4-Dioxane	7.647	88	29427	1376.912	ug/l		98
51) 4-Methyl-2-Pentanone	8.561	43	692293	294.104	ug/l		100
52) Toluene	8.708	92	239323	52.900	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	135623	47.091	ug/l		96
54) cis-1,3-Dichloropropene	8.354	75	142444	46.273	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	96822	55.503	ug/l		98
56) Ethyl methacrylate	9.104	69	151998	55.482	ug/l		97
57) 1,3-Dichloropropane	9.293	76	168824	56.337	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.153	63	50	7.931	ug/l	#	47
59) 2-Hexanone	9.415	43	481056	284.550	ug/l		99
60) Dibromochloromethane	9.506	129	112095	55.768	ug/l		99
61) 1,2-Dibromoethane	9.592	107	100115	56.345	ug/l		99
64) Tetrachloroethene	9.256	164	70646	46.899	ug/l		98
65) Chlorobenzene	10.061	112	264245	50.337	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	92060	50.821	ug/l		98
67) Ethyl Benzene	10.177	91	446063	49.248	ug/l		99
68) m/p-Xylenes	10.287	106	335889	99.632	ug/l		99
69) o-Xylene	10.628	106	163837	50.244	ug/l		97
70) Styrene	10.640	104	285635	49.992	ug/l		98
71) Bromoform	10.781	173	70377	52.031	ug/l	#	98
73) Isopropylbenzene	10.945	105	412643	46.783	ug/l		99
74) N-amyl acetate	10.829	43	159428	39.637	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	138696	51.973	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	142620	60.715	ug/l		89
77) Bromobenzene	11.183	156	104389	48.052	ug/l		98
78) n-propylbenzene	11.287	91	484363	46.453	ug/l		100
79) 2-Chlorotoluene	11.348	91	300372	47.034	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	338016	46.644	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	32880	35.695	ug/l		99
82) 4-Chlorotoluene	11.439	91	351815	46.645	ug/l		98
83) tert-Butylbenzene	11.695	119	341819	46.077	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	342872	46.668	ug/l		100
85) sec-Butylbenzene	11.872	105	398208	45.192	ug/l		100
86) p-Isopropyltoluene	11.988	119	334025	44.776	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	188962	46.830	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	191613	46.268	ug/l		99
89) n-Butylbenzene	12.317	91	303246	43.932	ug/l		99
90) Hexachloroethane	12.518	117	60001	45.812	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	186196	48.435	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26943	49.867	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	113030	45.241	ug/l		98
94) Hexachlorobutadiene	13.707	225	34213	40.316	ug/l		99
95) Naphthalene	13.756	128	368844	48.482	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	110016	47.338	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047844.D
Acq On : 26 Sep 2025 08:46
Operator : JC/MD
Sample : Q3128-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Quant Time: Sep 26 22:50:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

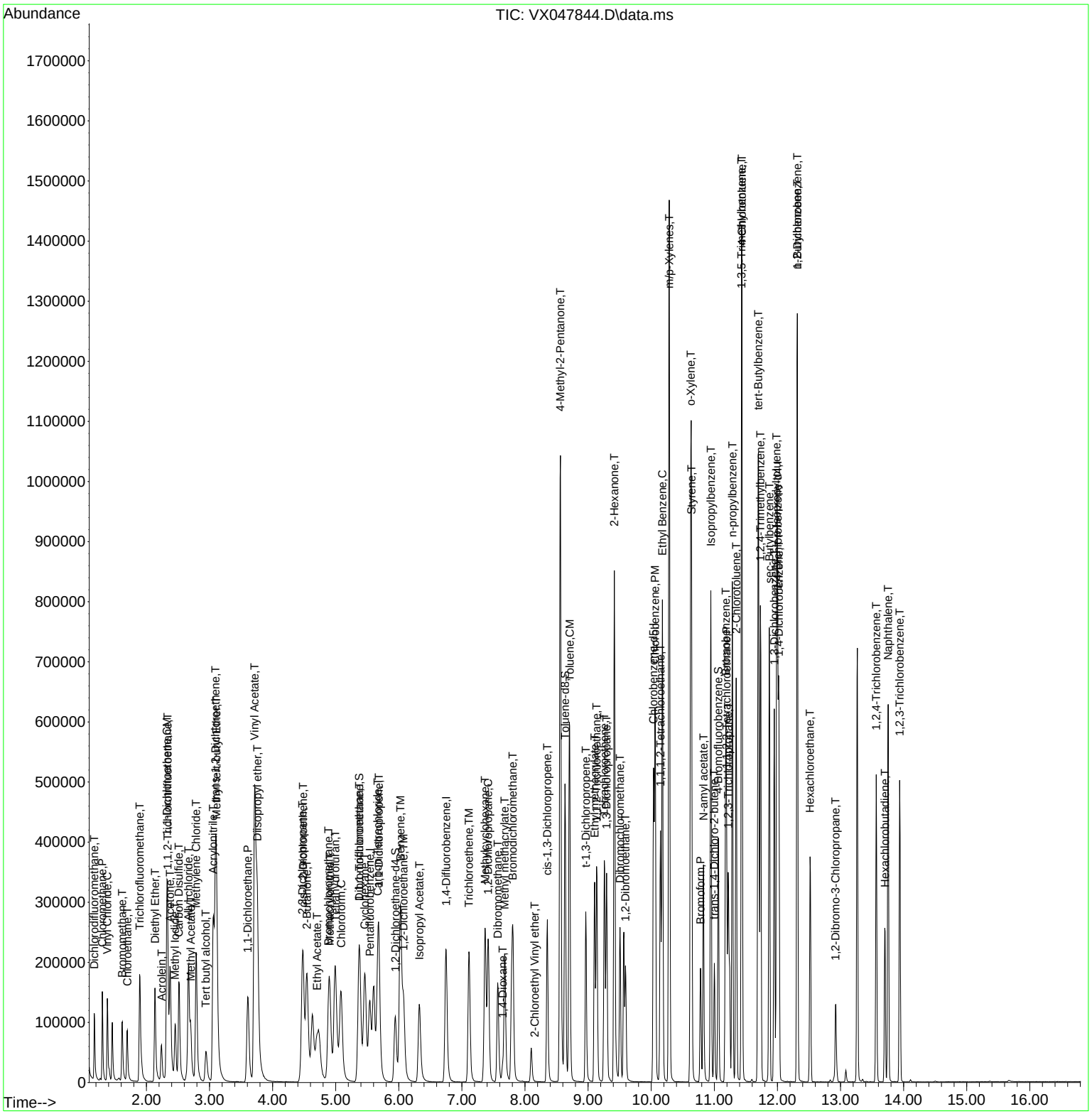
(#) = qualifier out of range (m) = manual integration (+) = signals summed

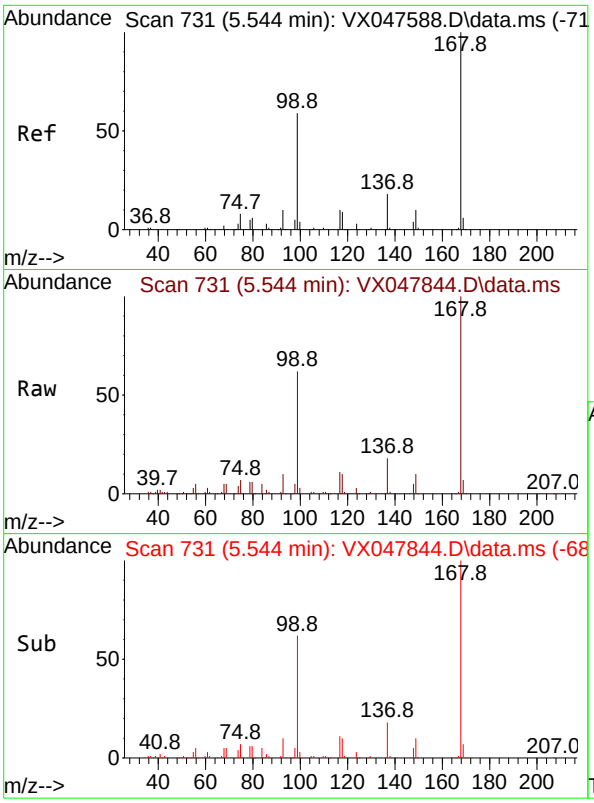
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047844.D
Acq On : 26 Sep 2025 08:46
Operator : JC/MD
Sample : Q3128-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Quant Time: Sep 26 22:50:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



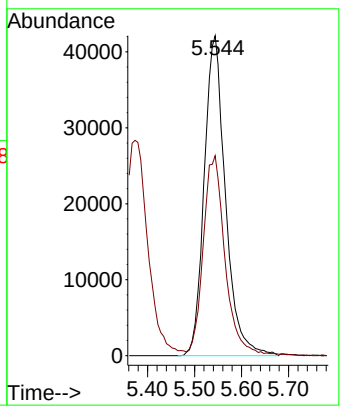


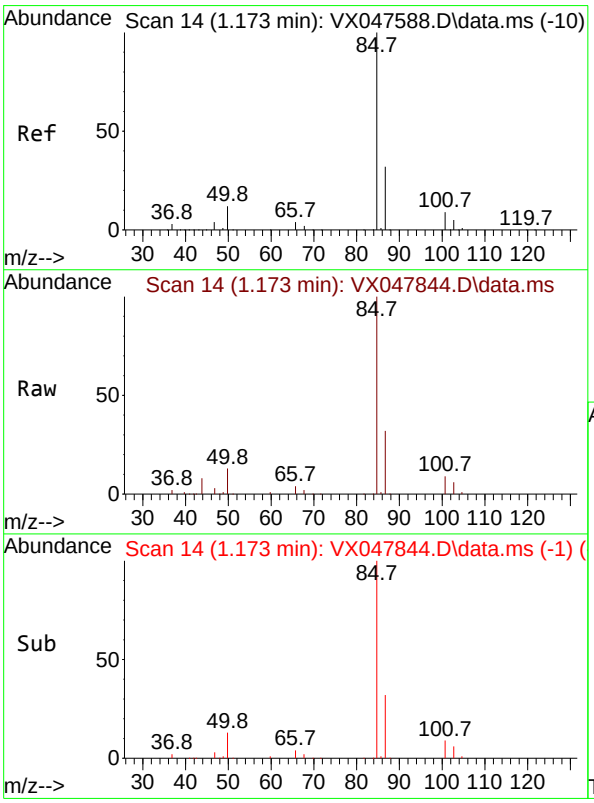
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:168 Resp: 132069

Ion	Ratio	Lower	Upper
168	100		
99	62.0	48.8	73.2

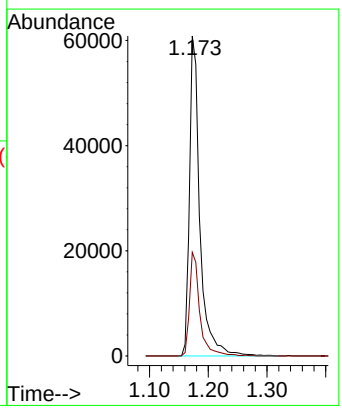


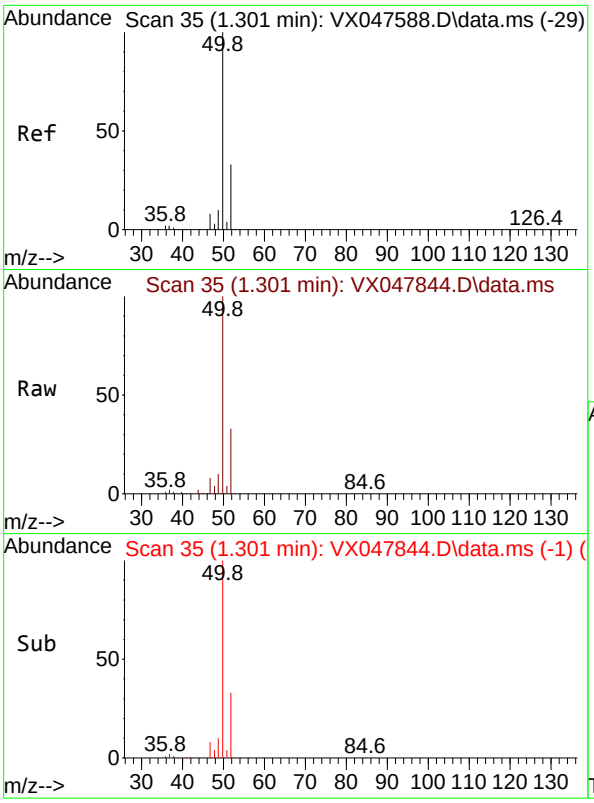


#2
Dichlorodifluoromethane
Concen: 54.803 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 85 Resp: 74948

Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.8	47.3



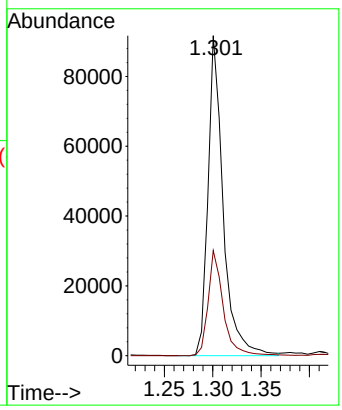


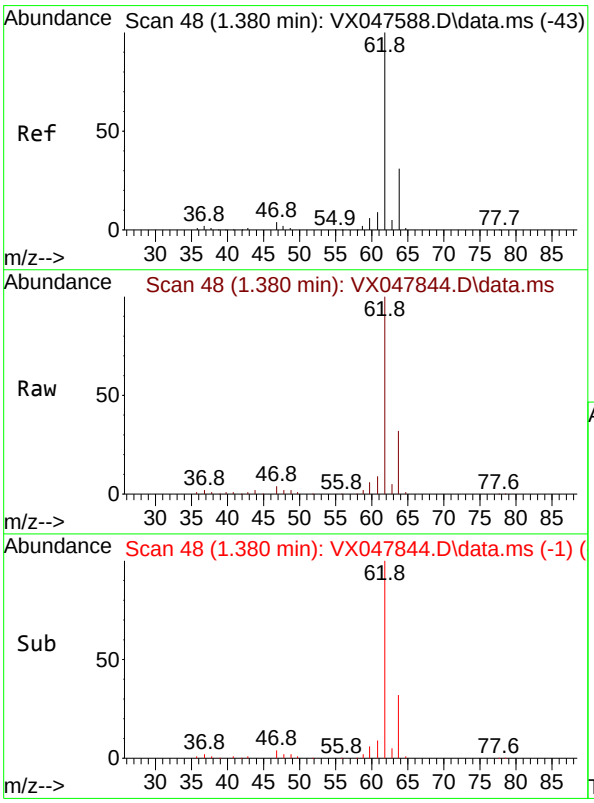
#3
Chloromethane
Concen: 55.634 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 50 Resp: 99996

Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.1	39.1

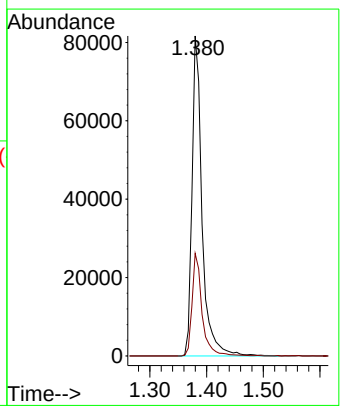


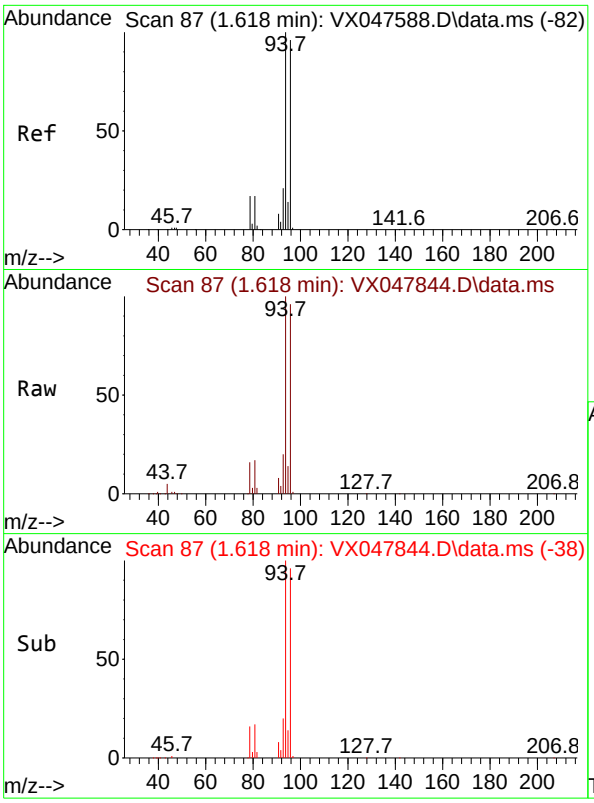


#4
Vinyl Chloride
Concen: 57.252 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 62 Resp: 100732

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.9	37.3



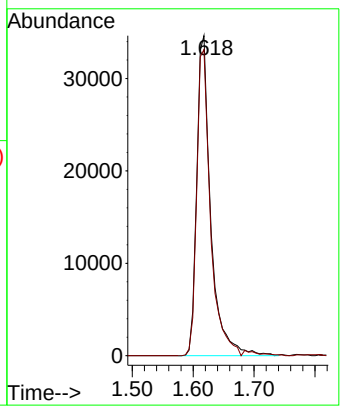


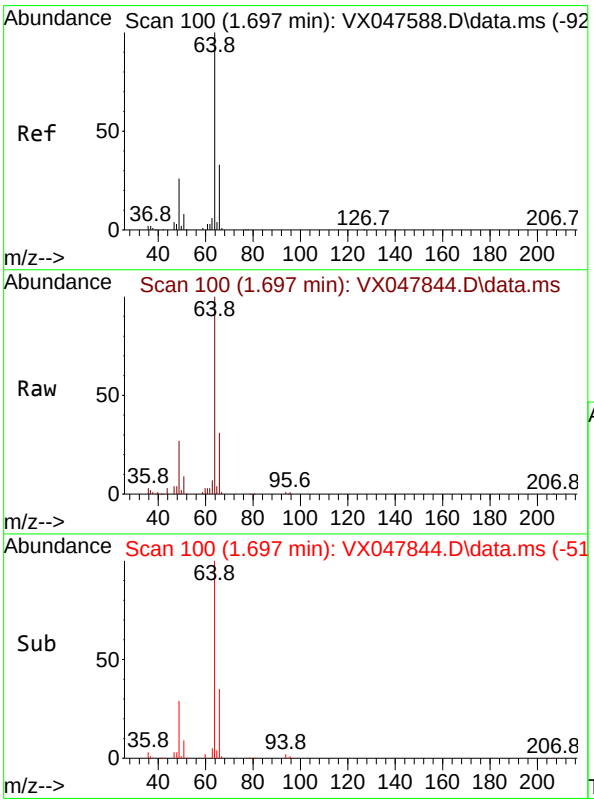
#5
Bromomethane
Concen: 49.609 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 94 Resp: 55348

Ion	Ratio	Lower	Upper
94	100		
96	95.6	76.6	115.0

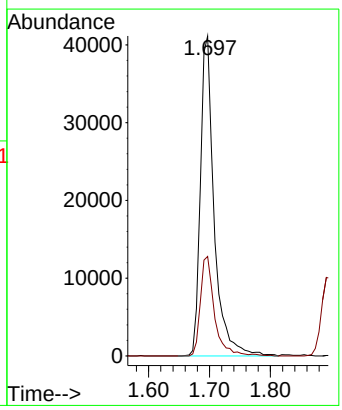


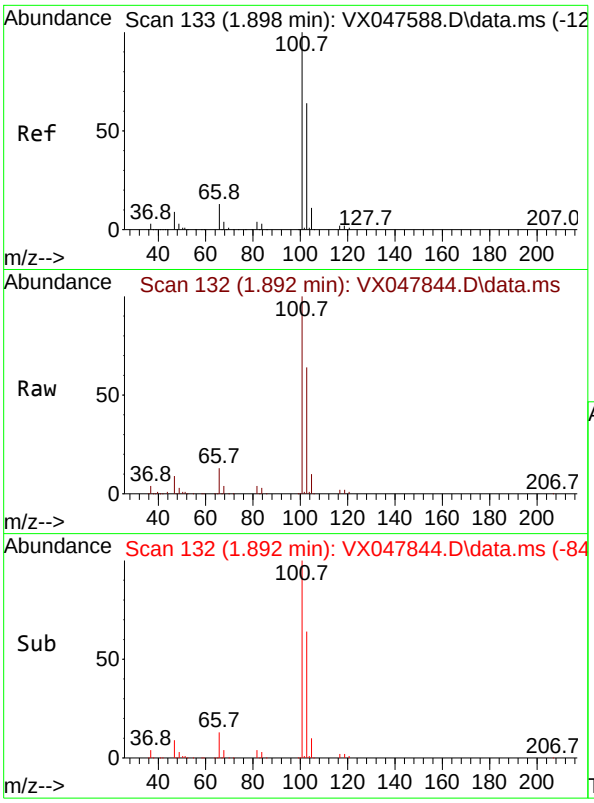


#6
Chloroethane
Concen: 54.963 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 64 Resp: 64634

Ion	Ratio	Lower	Upper
64	100		
66	31.1	26.1	39.1



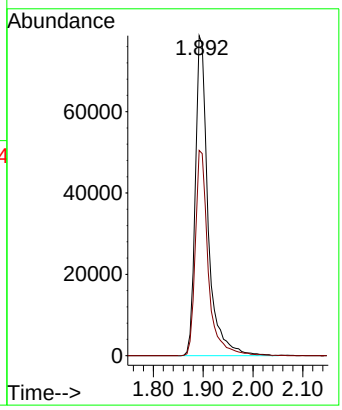


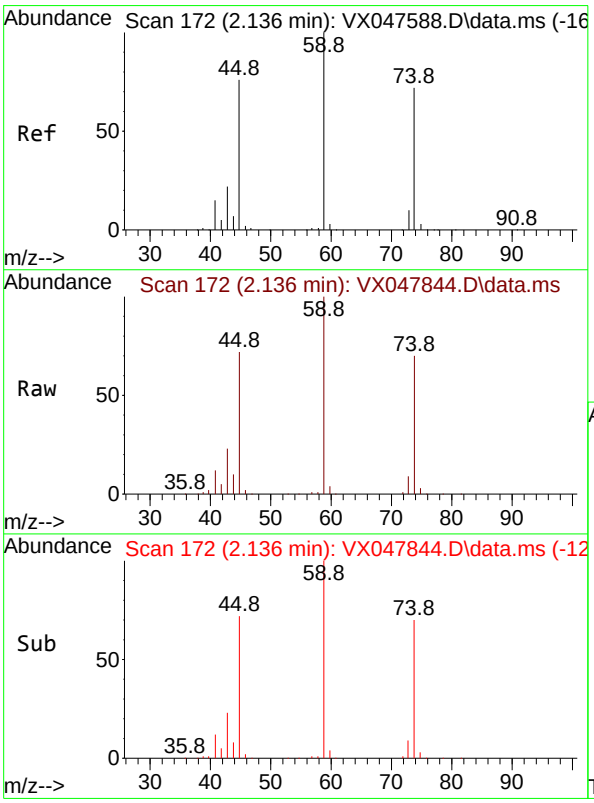
#7
Trichlorofluoromethane
Concen: 53.488 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:101 Resp: 139734

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.4	77.2

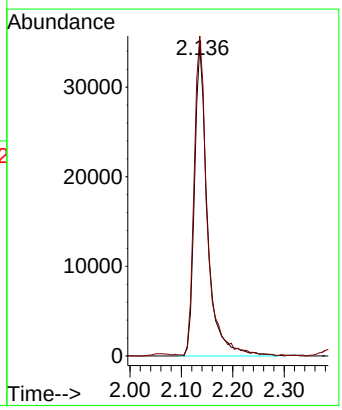


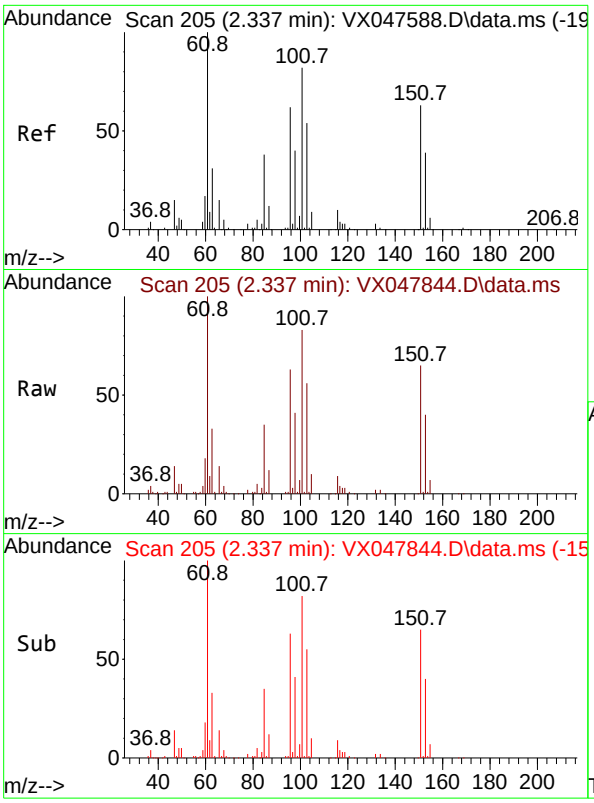


#8
Diethyl Ether
Concen: 57.229 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 74 Resp: 61158

Ion	Ratio	Lower	Upper
74	100		
45	103.8	52.3	156.8



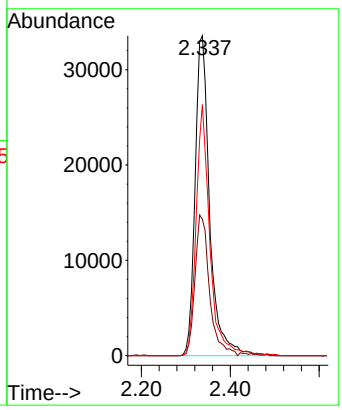


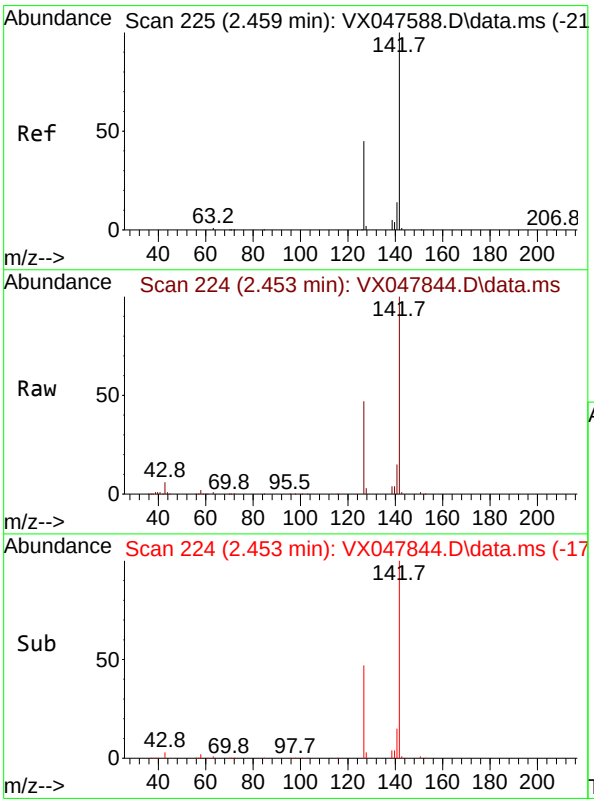
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.253 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:101 Resp: 76764

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.5	53.3
151	73.6	59.4	89.0

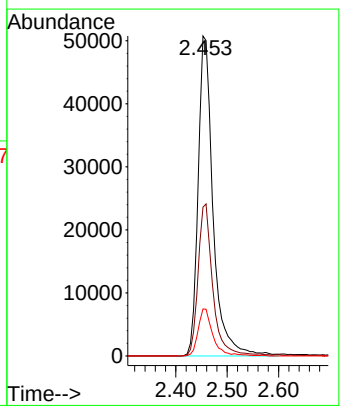


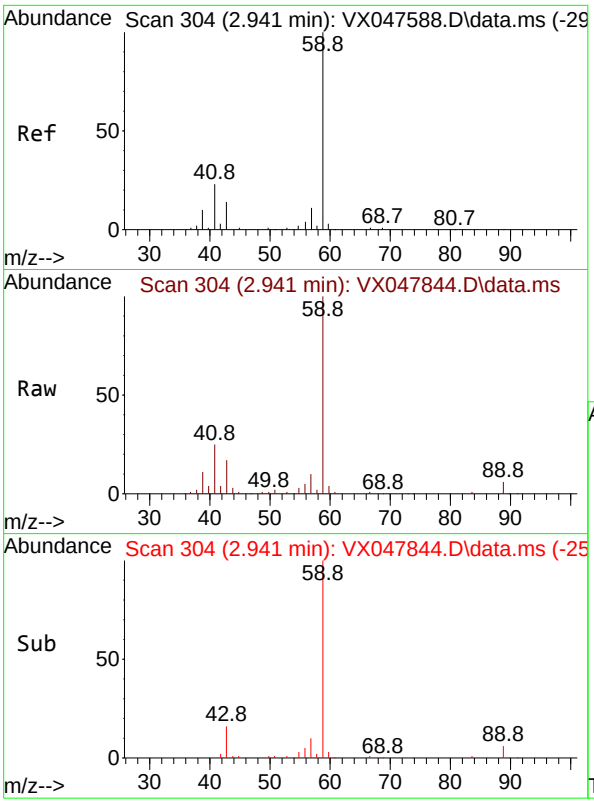


#10
Methyl Iodide
Concen: 43.216 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:142 Resp: 102956

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.2	55.8
141	14.5	11.4	17.0



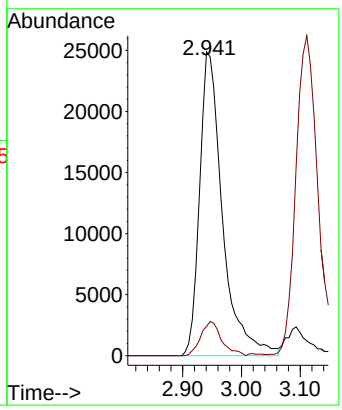


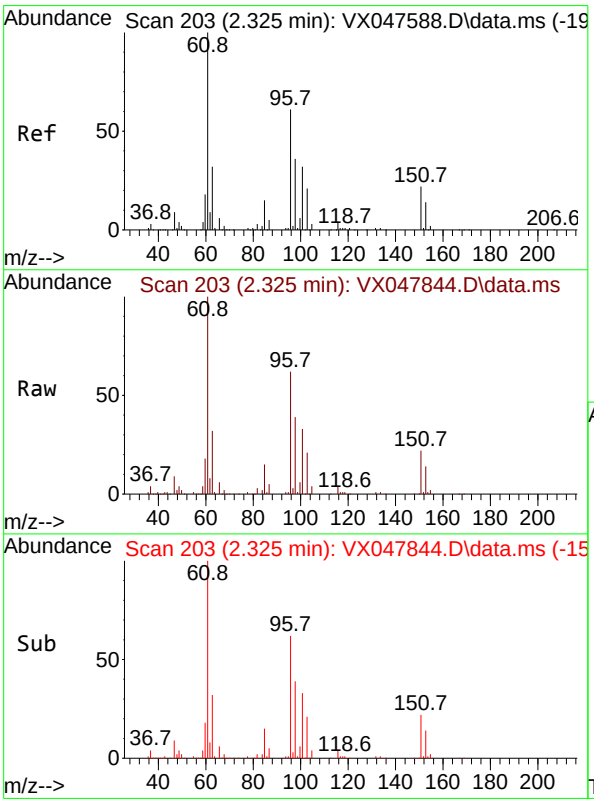
#11
Tert butyl alcohol
Concen: 288.276 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 59 Resp: 67494

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

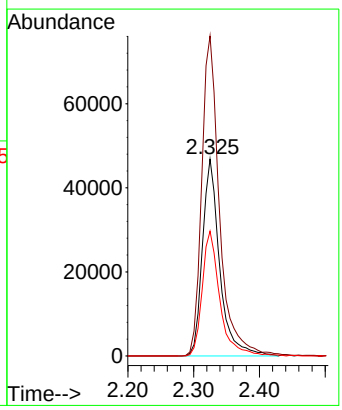


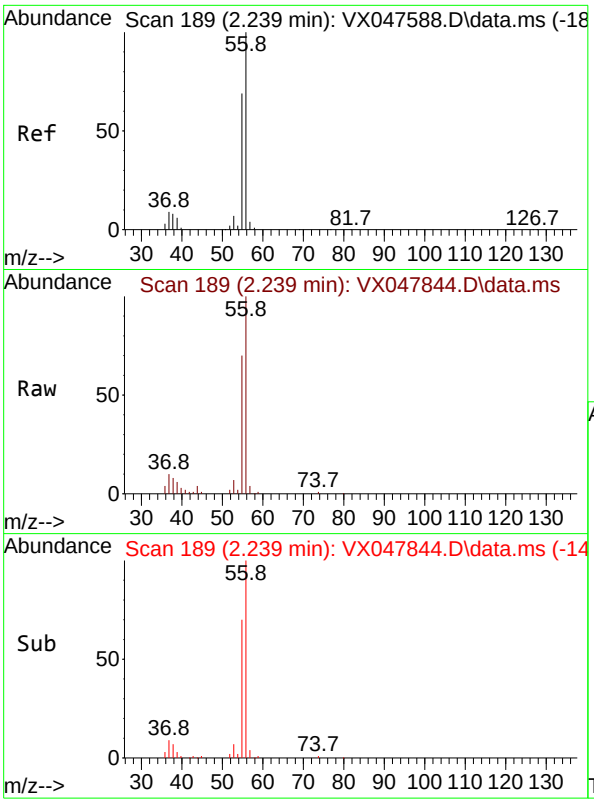


#12
1,1-Dichloroethene
Concen: 54.564 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 96 Resp: 85617

Ion	Ratio	Lower	Upper
96	100		
61	162.5	131.0	196.6
98	63.3	47.7	71.5



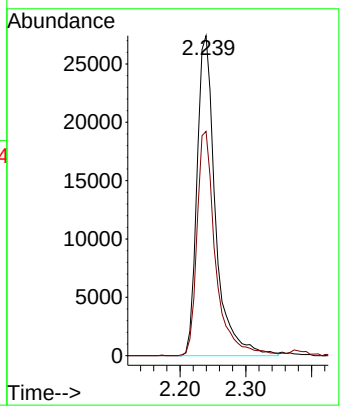


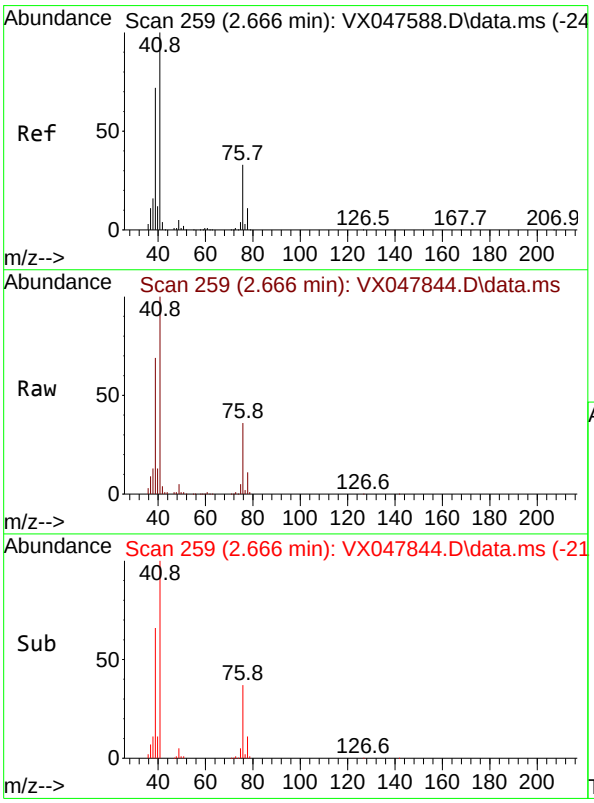
#13
Acrolein
Concen: 247.569 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 56 Resp: 53414

Ion	Ratio	Lower	Upper
56	100		
55	70.6	57.2	85.8

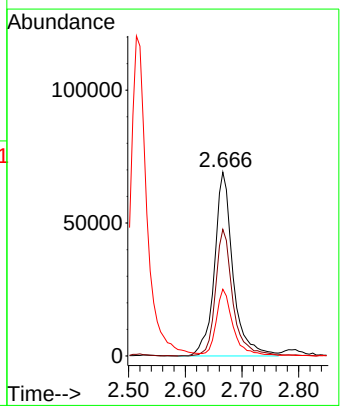


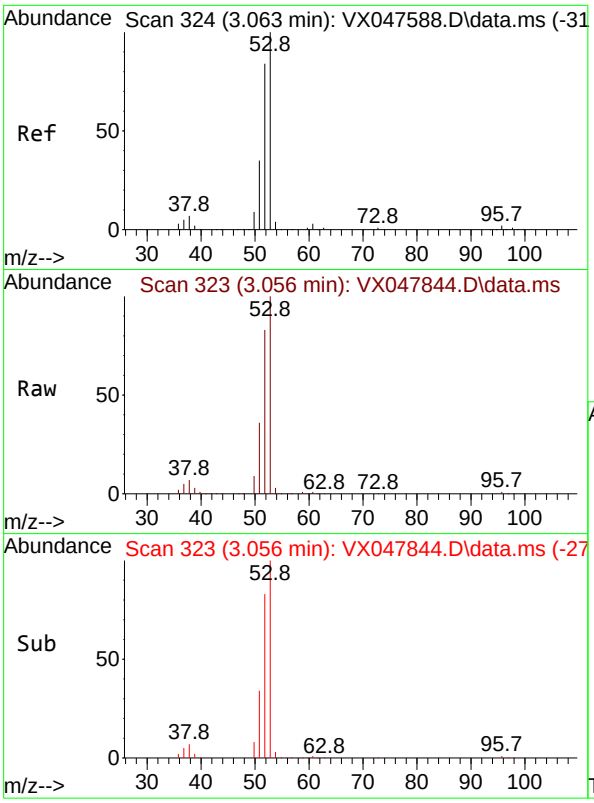


#14
Allyl chloride
Concen: 48.617 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 41 Resp: 157419

Ion	Ratio	Lower	Upper
41	100		
39	65.2	54.7	82.1
76	32.0	25.7	38.5



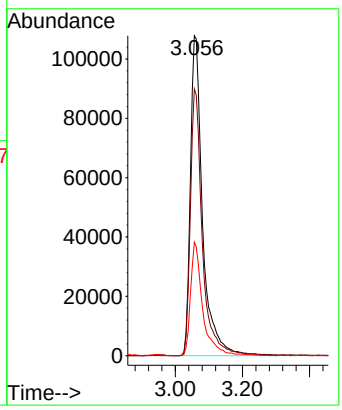


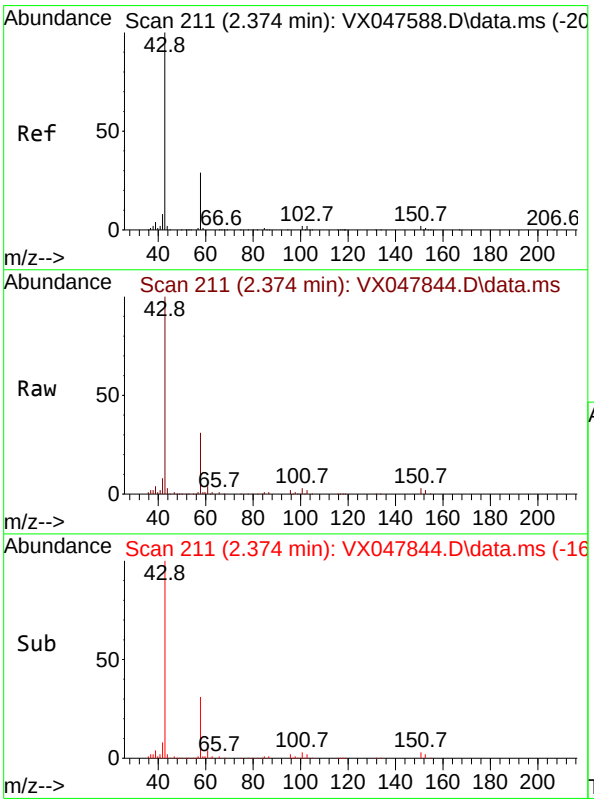
#15
Acrylonitrile
Concen: 315.780 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 53 Resp: 273854

Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.4	99.6
51	35.4	29.5	44.3

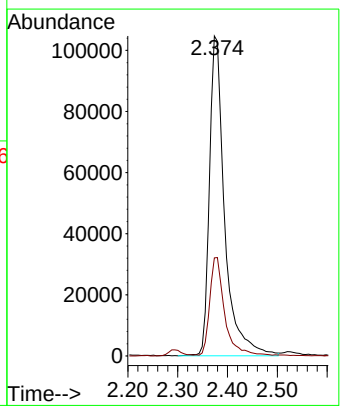


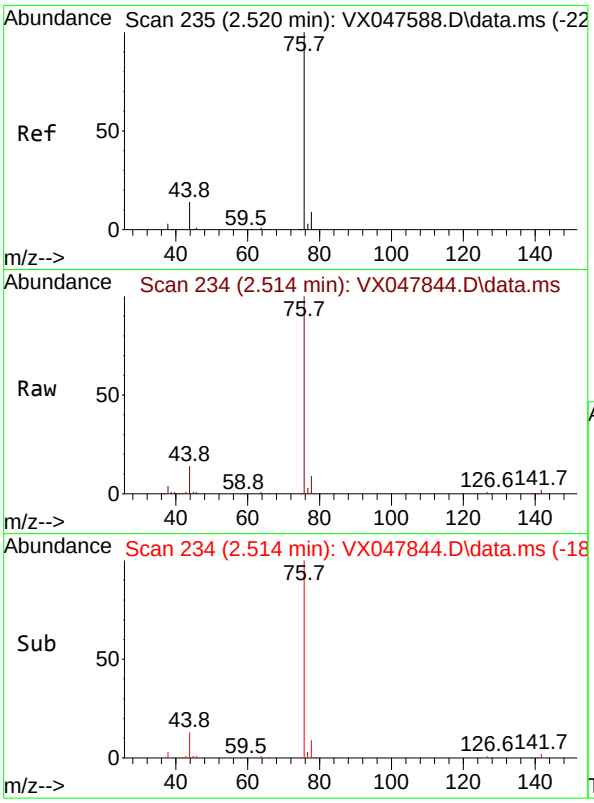


#16
Acetone
Concen: 242.449 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 43 Resp: 221609

Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.4	35.0



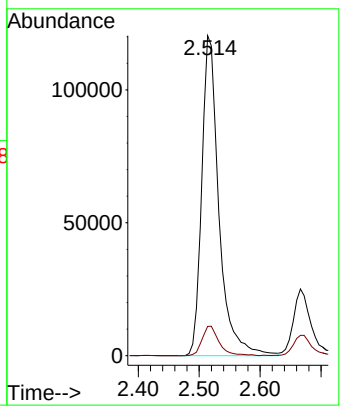


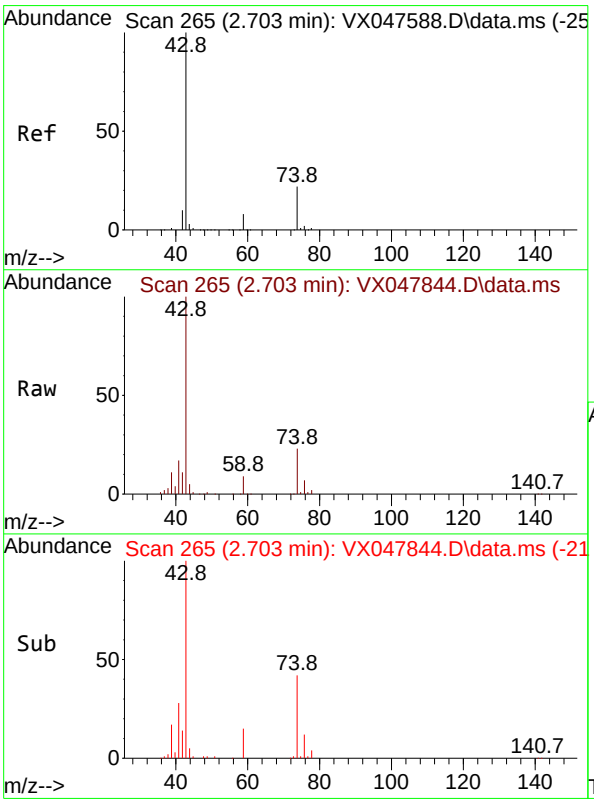
#17
Carbon Disulfide
Concen: 54.962 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 76 Resp: 236094

Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.8	10.2

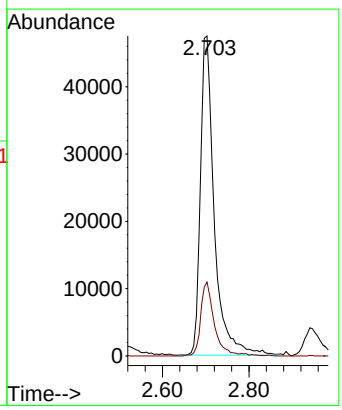


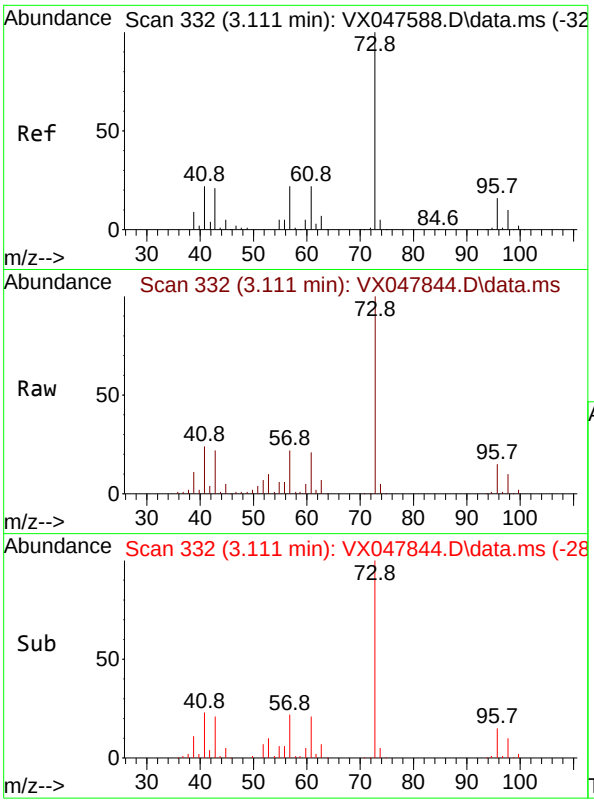


#18
Methyl Acetate
Concen: 51.867 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 43 Resp: 105509

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.4	26.2



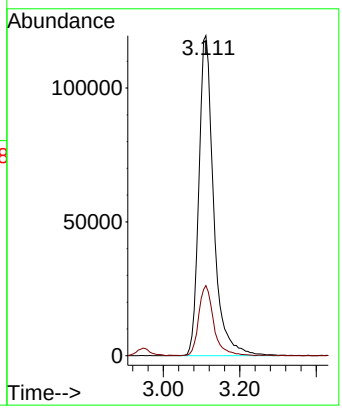


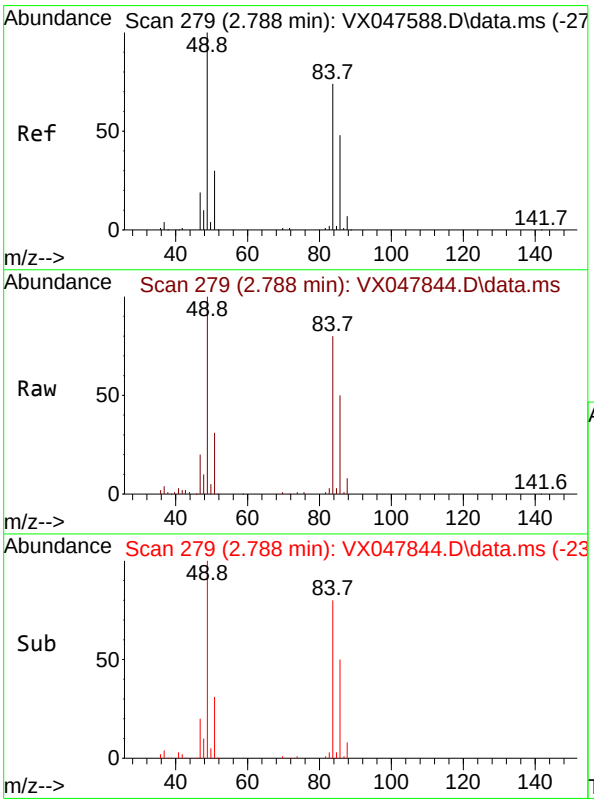
#19
Methyl tert-butyl Ether
Concen: 55.984 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 73 Resp: 320677

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.2

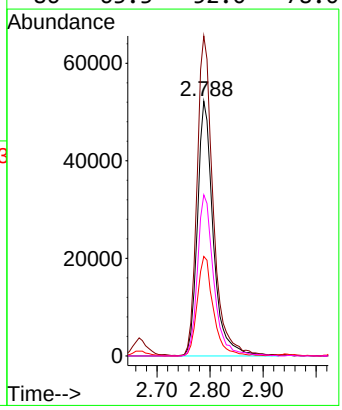


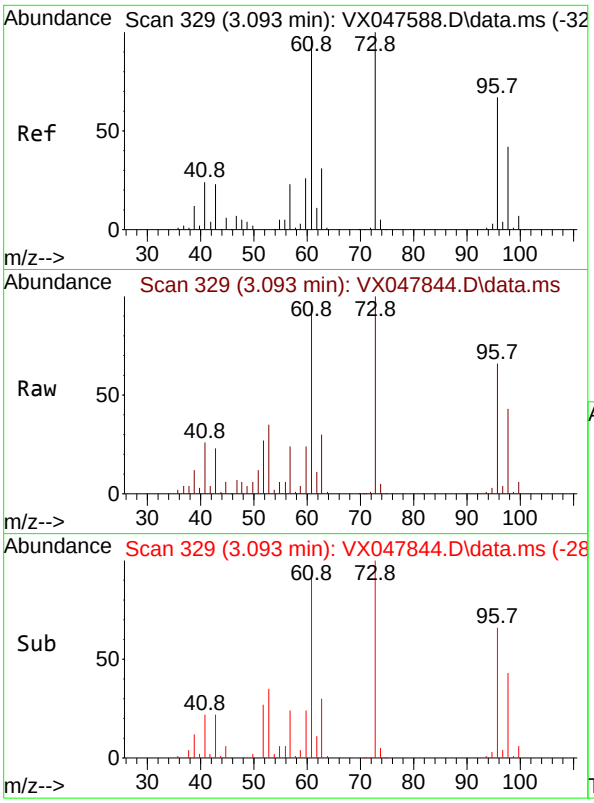


#20
Methylene Chloride
Concen: 56.038 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 84 Resp: 108422

Ion	Ratio	Lower	Upper
84	100		
49	125.5	108.6	162.8
51	39.0	32.6	48.8
86	63.3	52.0	78.0



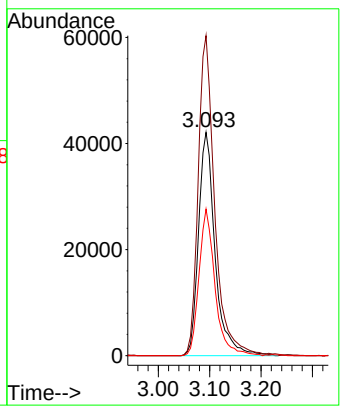


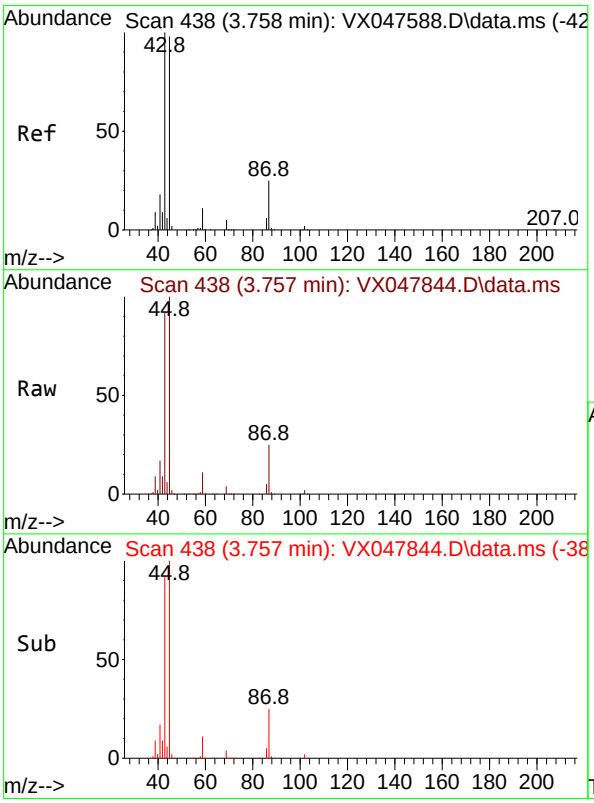
#21
trans-1,2-Dichloroethene
Concen: 55.955 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 96 Resp: 94528

Ion	Ratio	Lower	Upper
96	100		
61	143.3	116.2	174.2
98	65.6	49.3	73.9

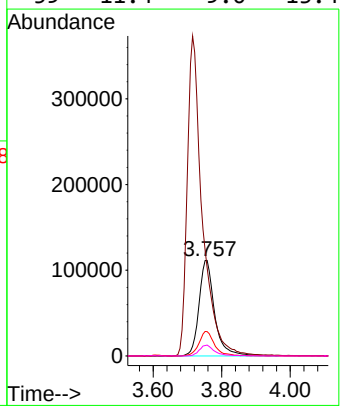


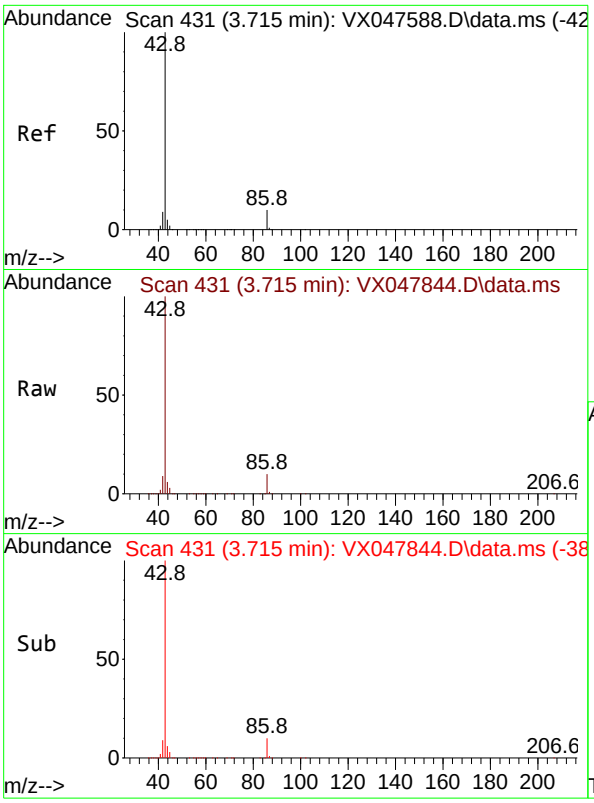


#22
Diisopropyl ether
Concen: 56.306 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 45 Resp: 353333

Ion	Ratio	Lower	Upper
45	100		
43	90.9	81.0	121.4
87	25.4	20.3	30.5
59	11.4	9.0	13.4



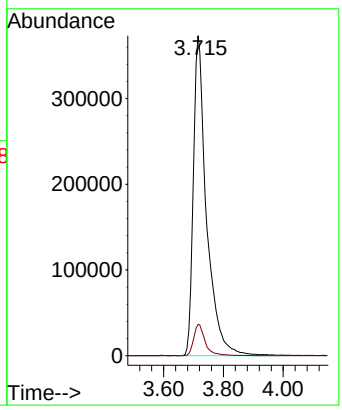


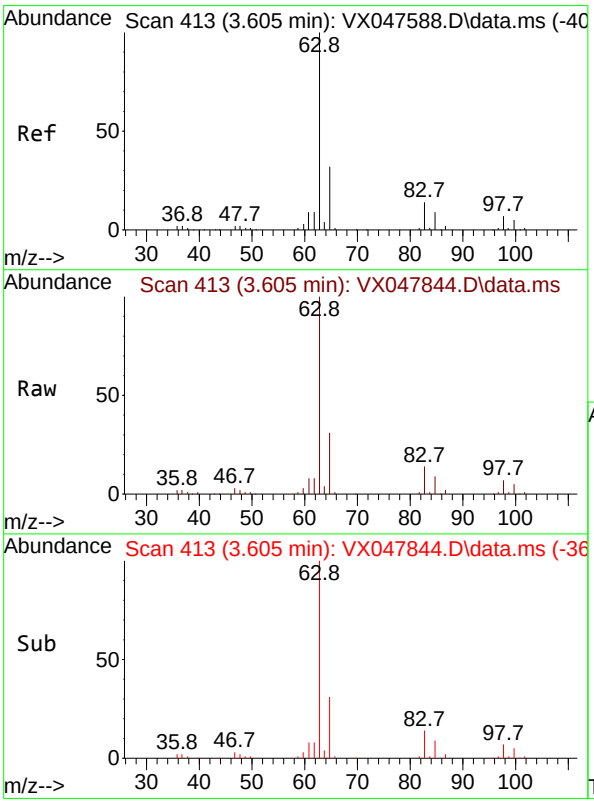
#23
Vinyl Acetate
Concen: 227.805 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 43 Resp: 1144109

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

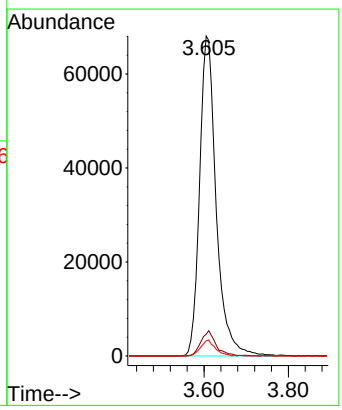


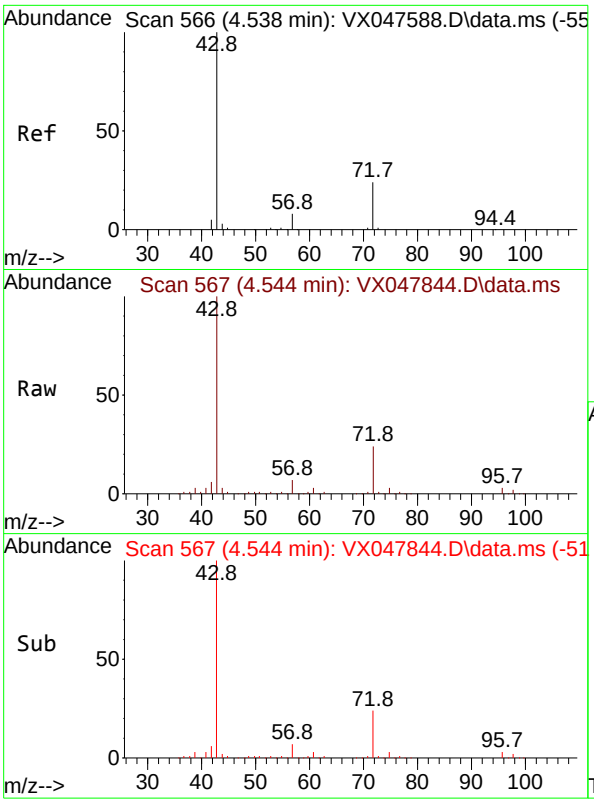


#24
1,1-Dichloroethane
Concen: 55.912 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 63 Resp: 186484

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.7	2.3	6.9



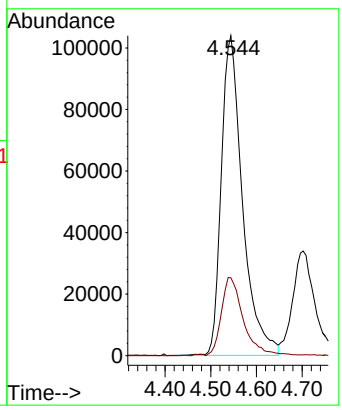


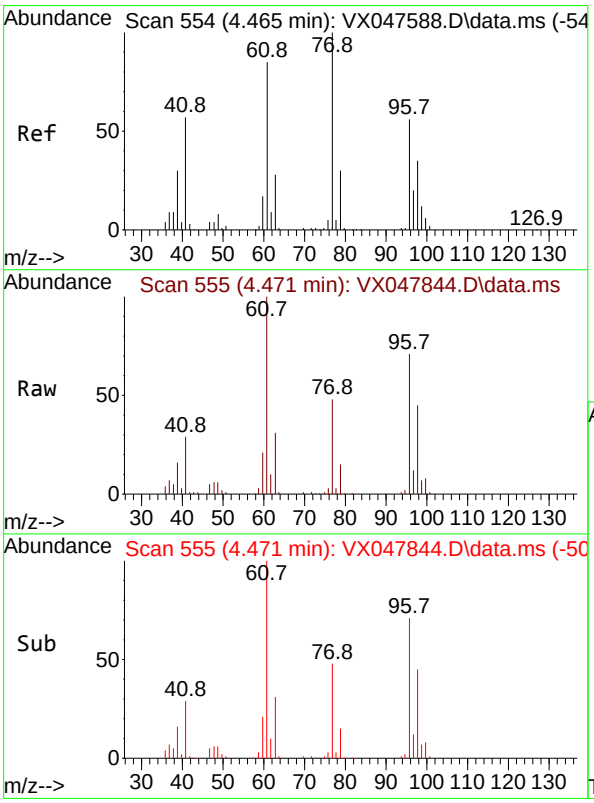
#25
2-Butanone
Concen: 294.295 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 43 Resp: 335542

Ion	Ratio	Lower	Upper
43	100		
72	24.5	20.1	30.1

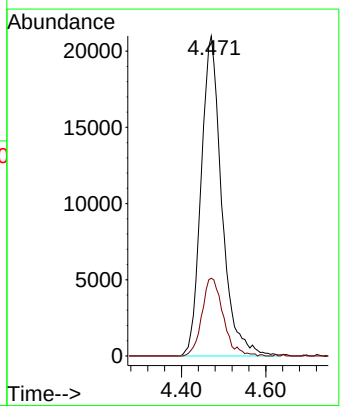


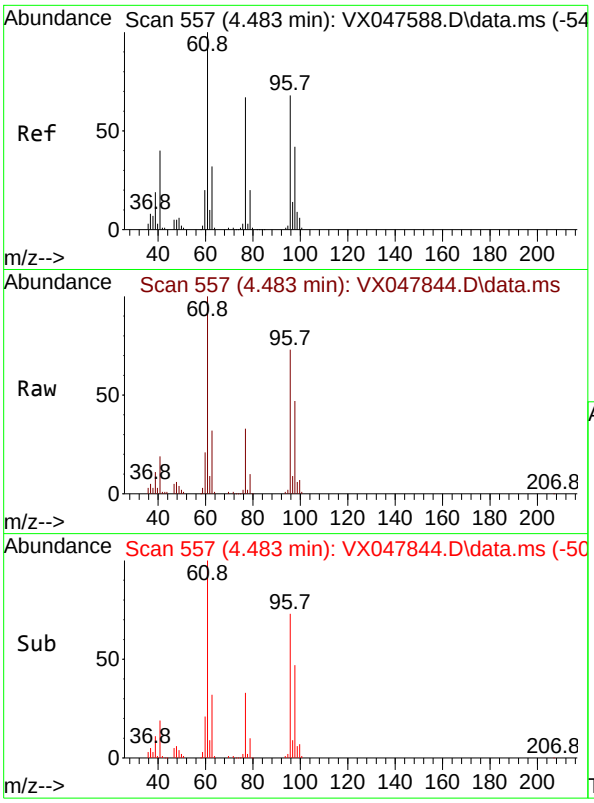


#26
2,2-Dichloropropane
Concen: 25.785 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 77 Resp: 71490

Ion	Ratio	Lower	Upper
77	100		
97	25.0	10.9	32.7



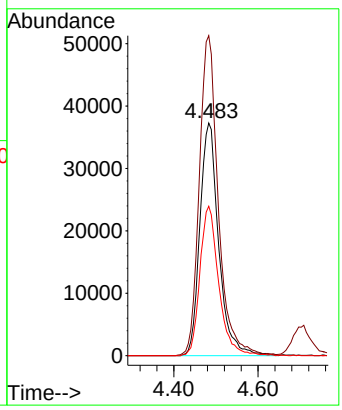


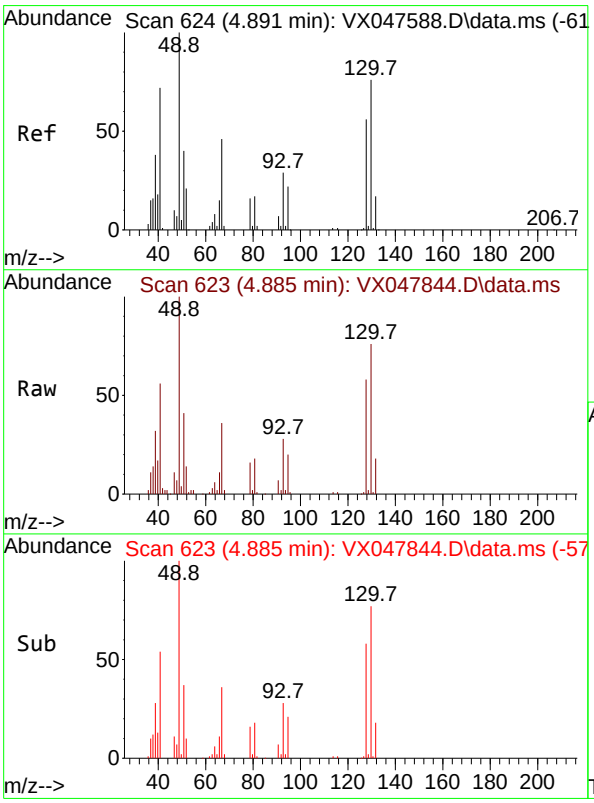
#27
cis-1,2-Dichloroethene
Concen: 55.994 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 96 Resp: 115845

Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	303.2
98	64.2	0.0	127.8

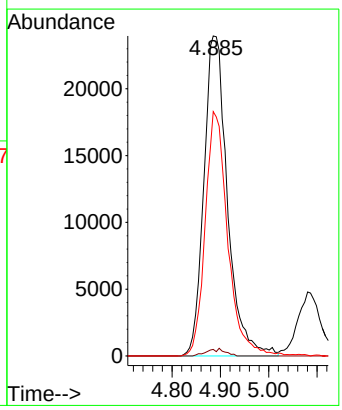


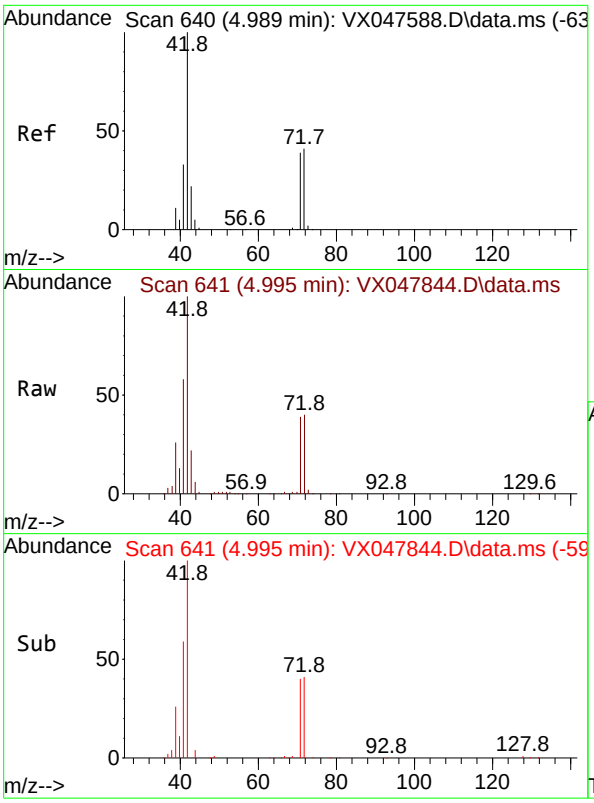


#28
Bromochloromethane
Concen: 55.755 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 49 Resp: 81184

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.2
130	72.9	57.8	86.8



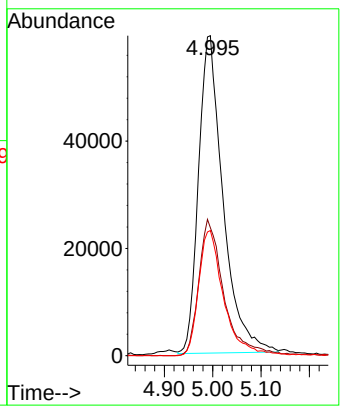


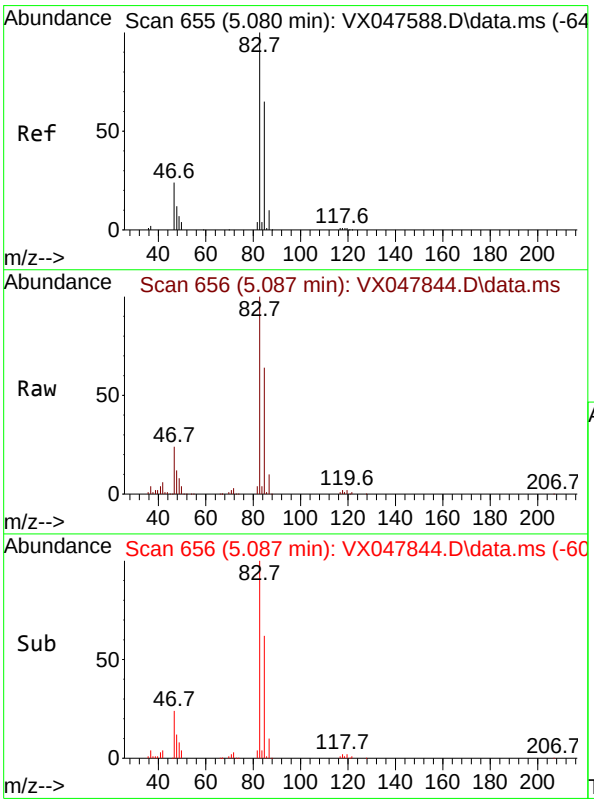
#29
Tetrahydrofuran
Concen: 303.953 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 42 Resp: 208479

Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.2	51.2
71	40.3	31.9	47.9

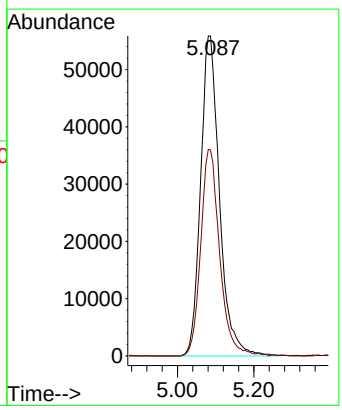


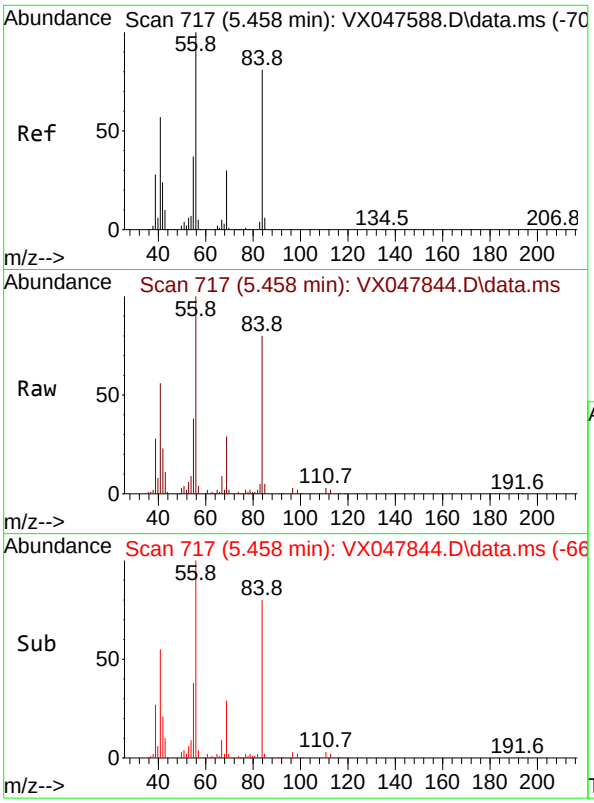


#30
Chloroform
Concen: 56.799 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 83 Resp: 191435

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6



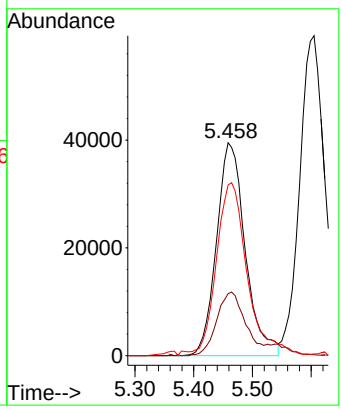


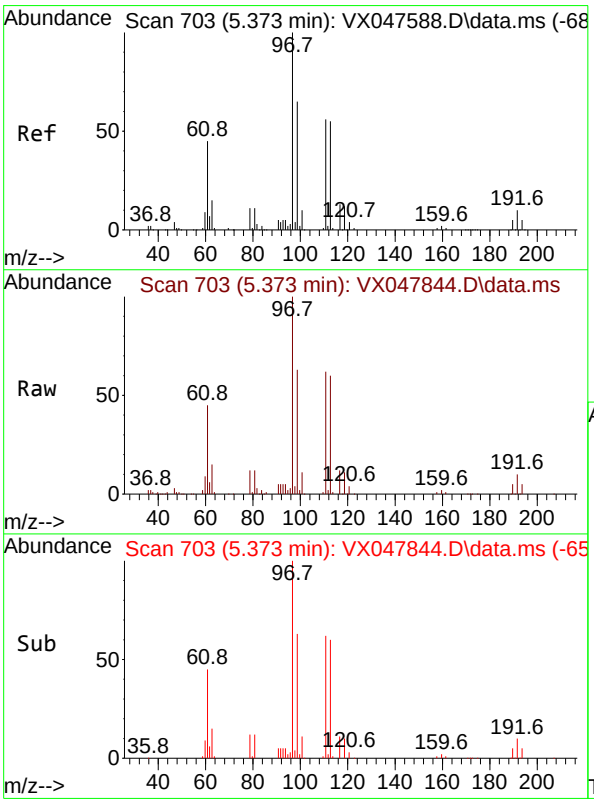
#31
Cyclohexane
Concen: 48.203 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 56 Resp: 133903

Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.8	35.8
84	79.9	64.6	97.0

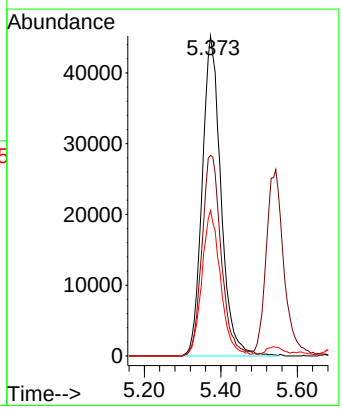


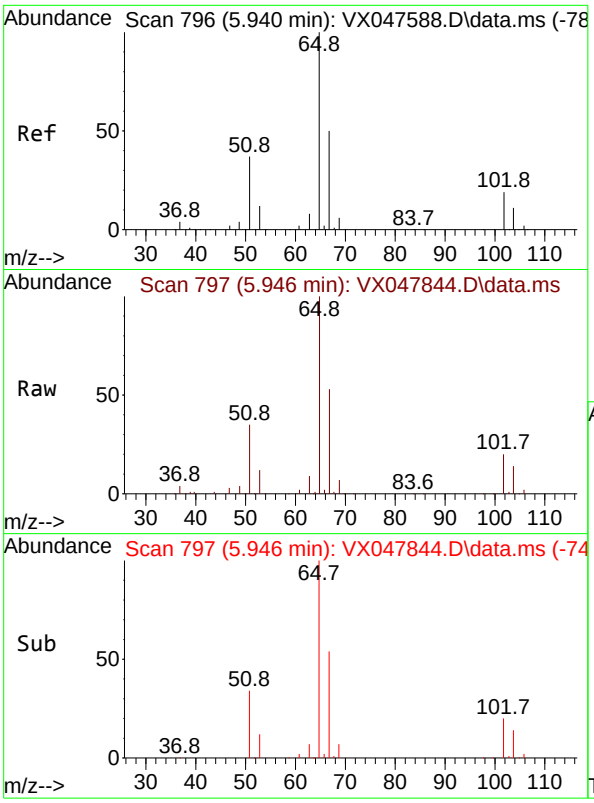


#32
1,1,1-Trichloroethane
Concen: 53.774 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 97 Resp: 153731

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.6	76.0
61	45.5	35.8	53.8



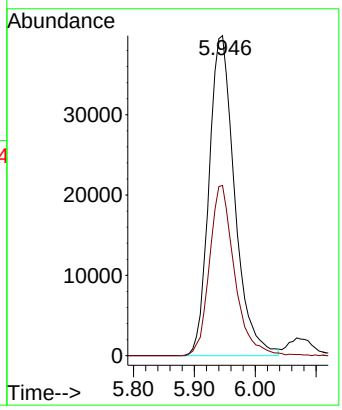


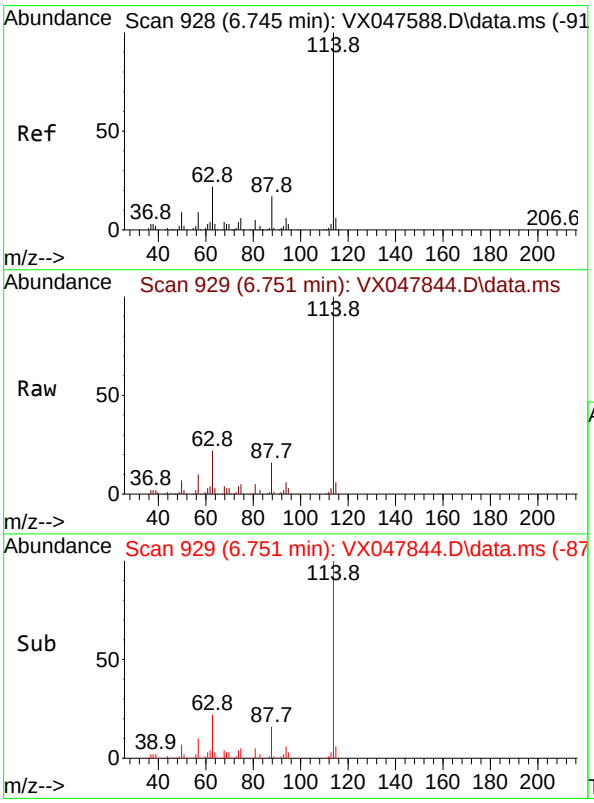
#33
1,2-Dichloroethane-d4
Concen: 55.416 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 65 Resp: 116495

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.0

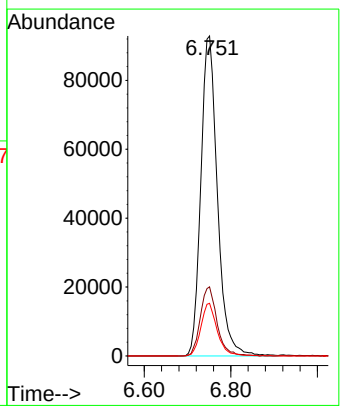


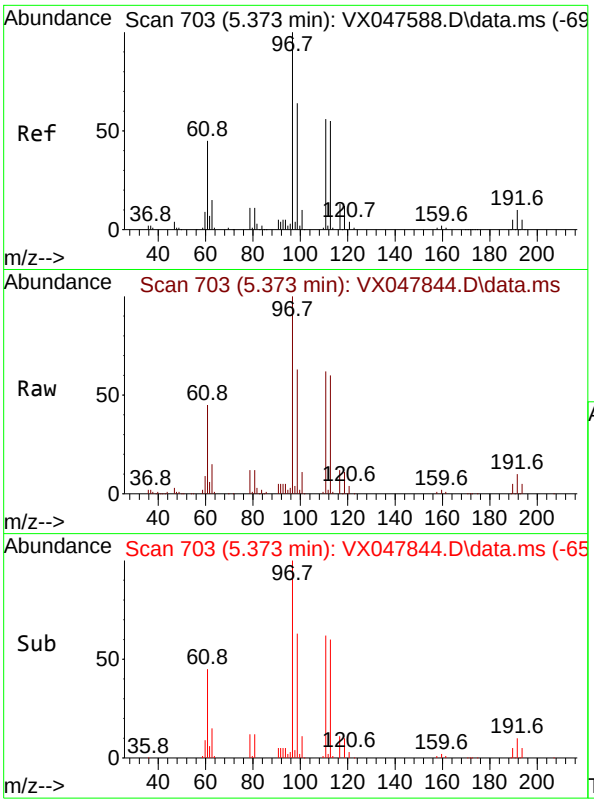


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:114 Resp: 246705

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	16.4	0.0	34.2



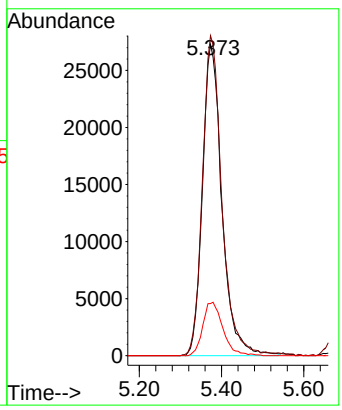


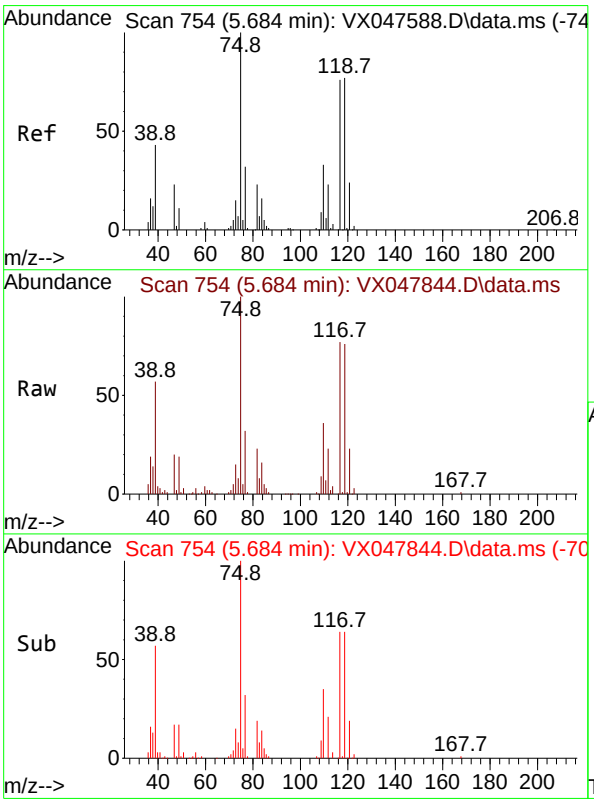
#35
Dibromofluoromethane
Concen: 54.086 ug/l
RT: 5.373 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:113 Resp: 89487

Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.9	121.3
192	17.8	14.2	21.4

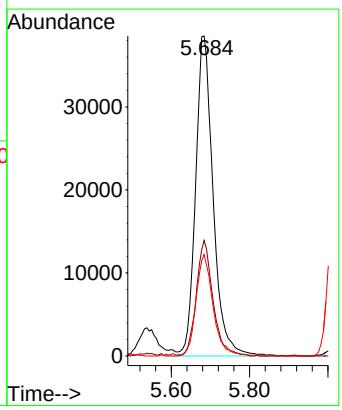


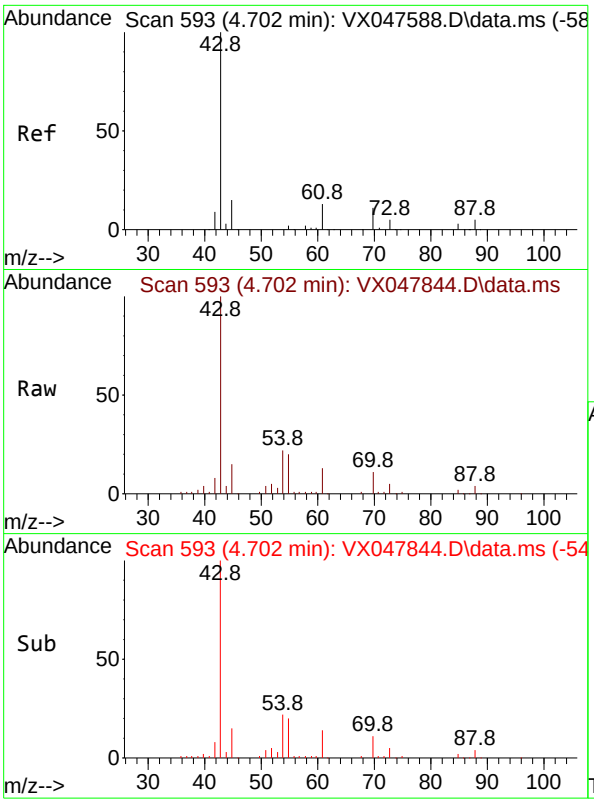


#36
1,1-Dichloropropene
Concen: 49.680 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 75 Resp: 120109

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.7	50.1
77	30.7	24.3	36.5



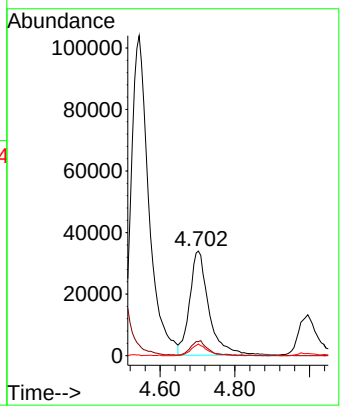


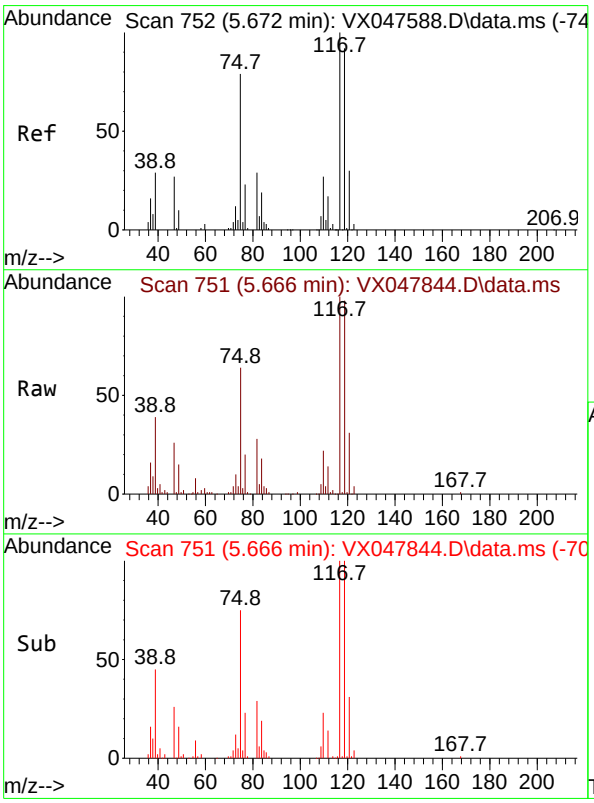
#37
Ethyl Acetate
Concen: 46.421 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 43 Resp: 120166

Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.8	14.8
70	9.7	7.9	11.9

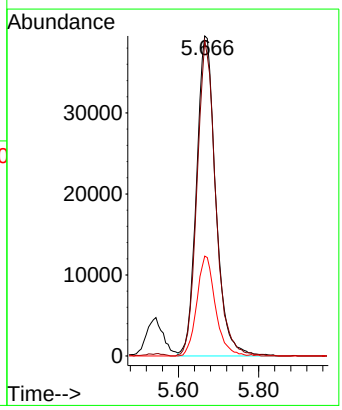


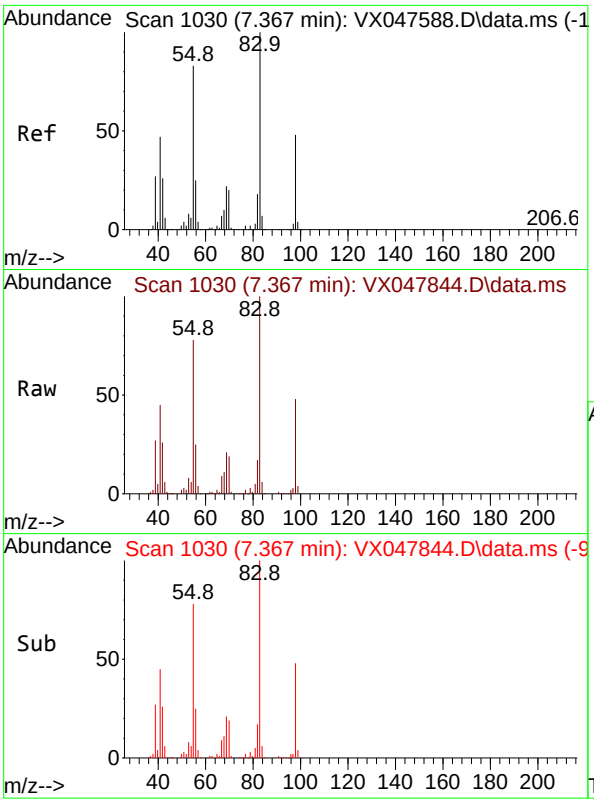


#38
Carbon Tetrachloride
Concen: 49.863 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:117 Resp: 130981

Ion	Ratio	Lower	Upper
117	100		
119	98.4	73.4	110.2
121	31.2	23.8	35.6



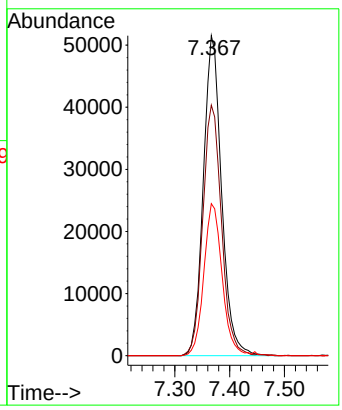


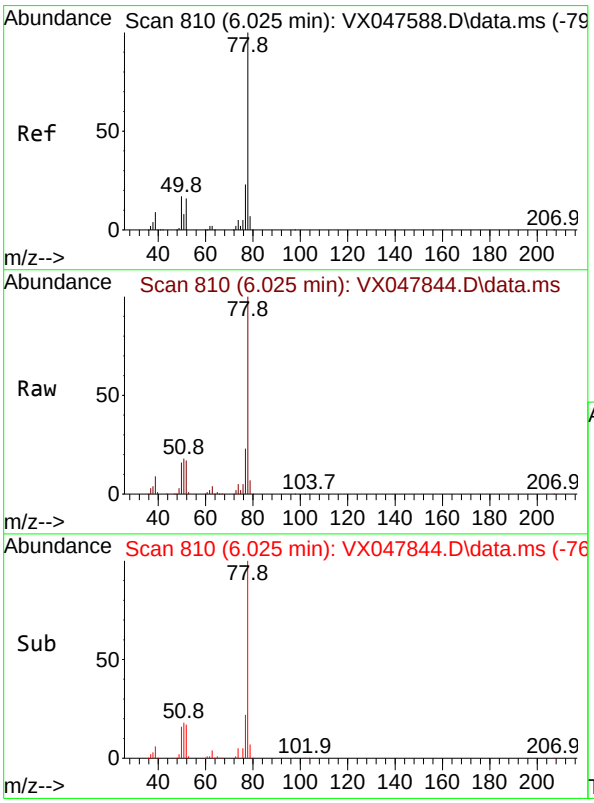
#39
Methylcyclohexane
Concen: 43.364 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 83 Resp: 119007

Ion	Ratio	Lower	Upper
83	100		
55	78.3	66.4	99.6
98	47.5	38.1	57.1

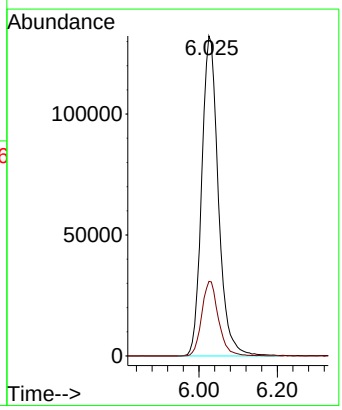


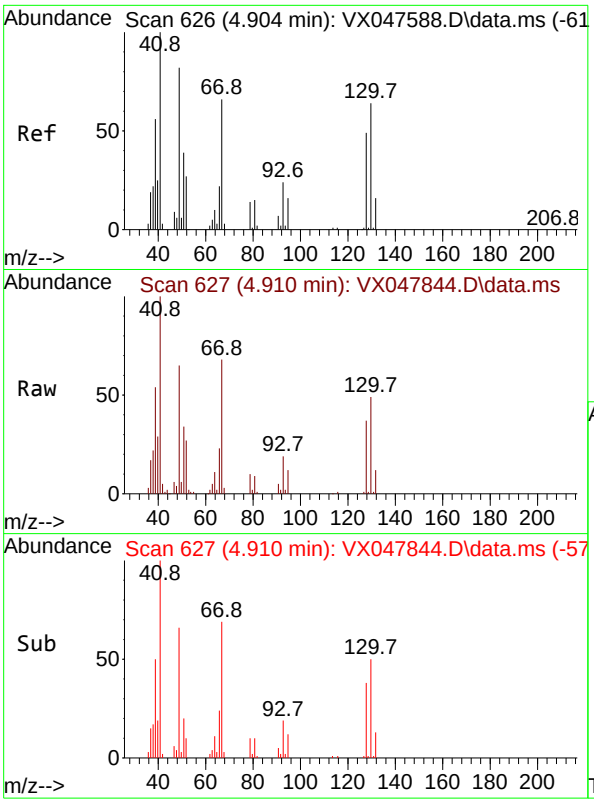


#40
Benzene
Concen: 53.067 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 78 Resp: 389677

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2



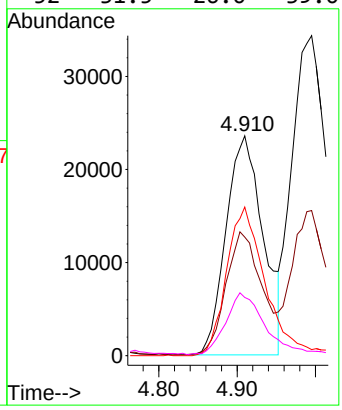


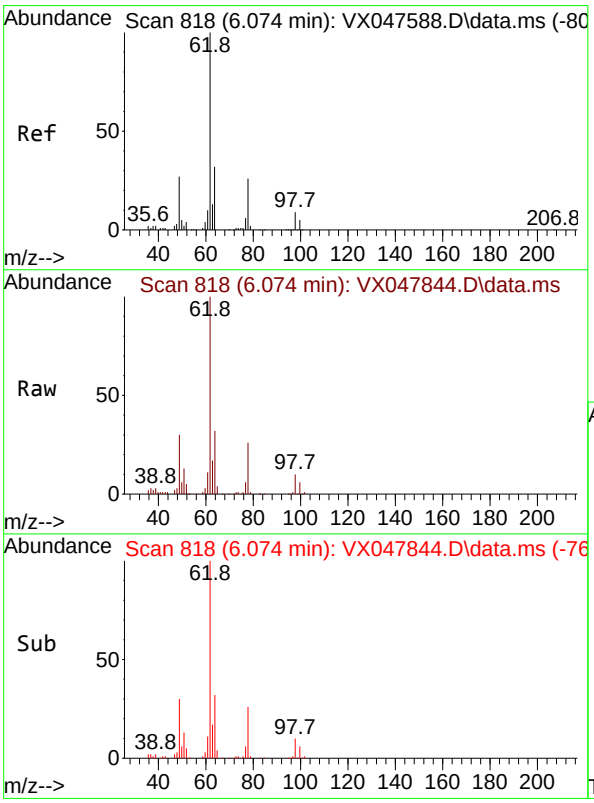
#41
Methacrylonitrile
Concen: 58.128 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 41 Resp: 77682

Ion	Ratio	Lower	Upper
41	100		
39	52.6	43.3	64.9
67	71.6	58.6	87.8
52	31.5	26.0	39.0

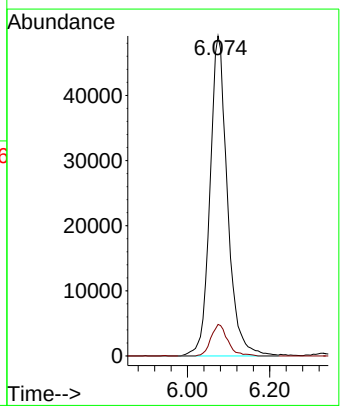


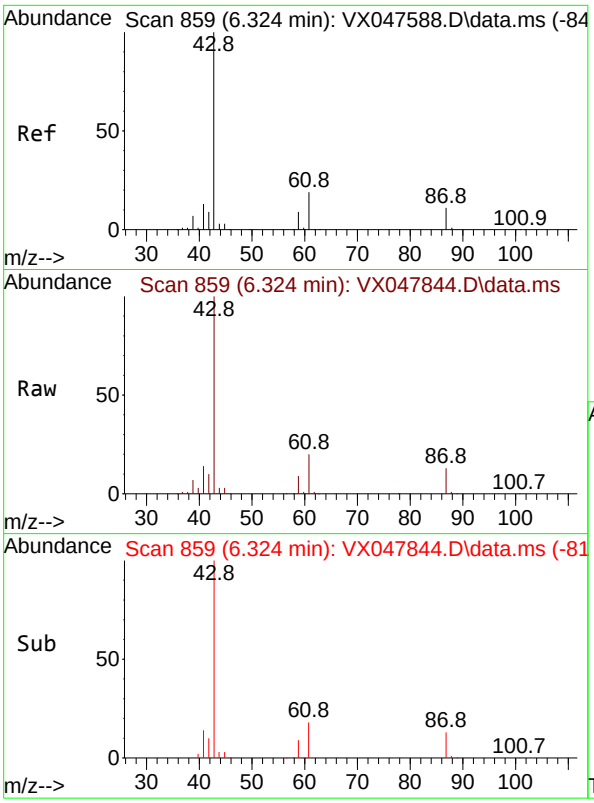


#42
1,2-Dichloroethane
Concen: 51.951 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 62 Resp: 145148

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.0



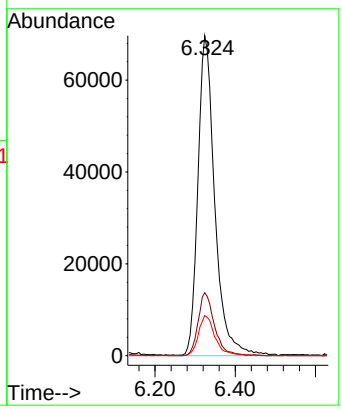


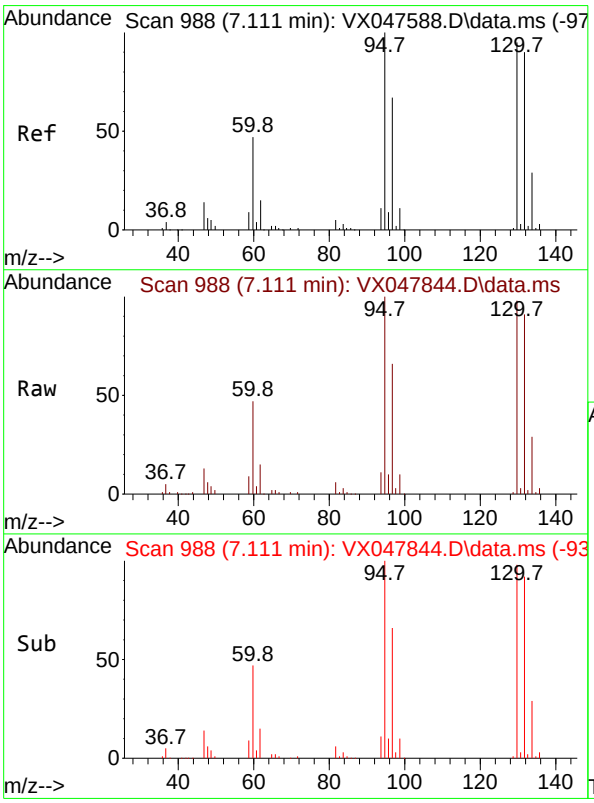
#43
Isopropyl Acetate
Concen: 48.004 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 43 Resp: 203803

Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.1	9.6	14.4

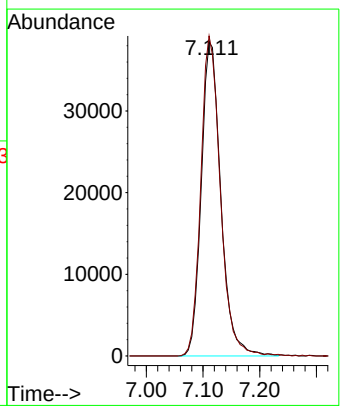


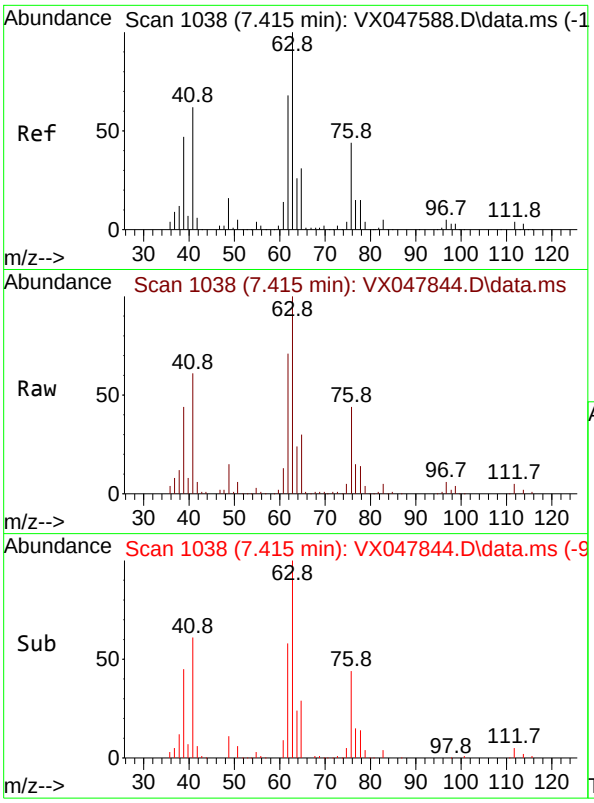


#44
Trichloroethene
Concen: 51.977 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:130 Resp: 92274

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	210.8



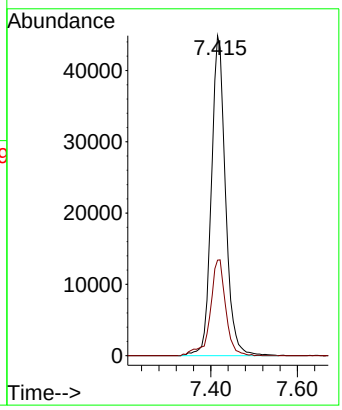


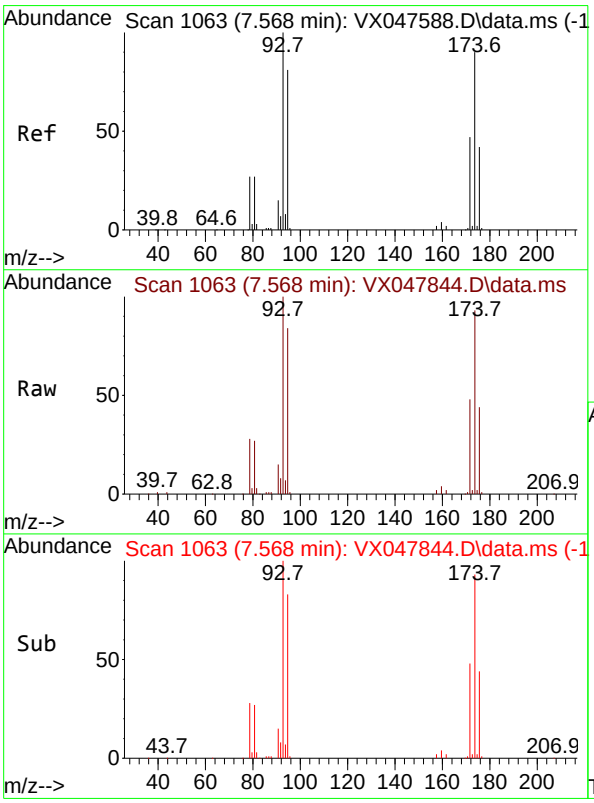
#45
1,2-Dichloropropane
Concen: 54.150 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 63 Resp: 101818

Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.7	37.1

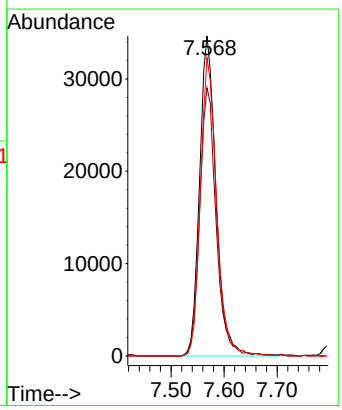


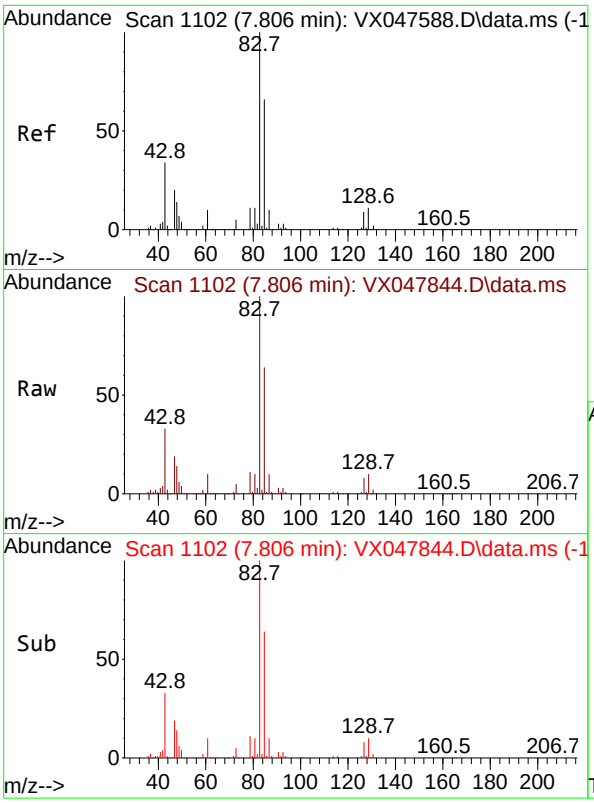


#46
Dibromomethane
Concen: 54.400 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 93 Resp: 74435

Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.0	97.6
174	92.1	71.6	107.4



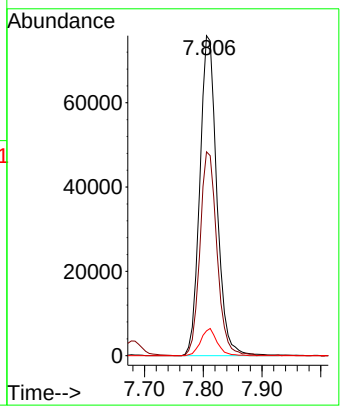


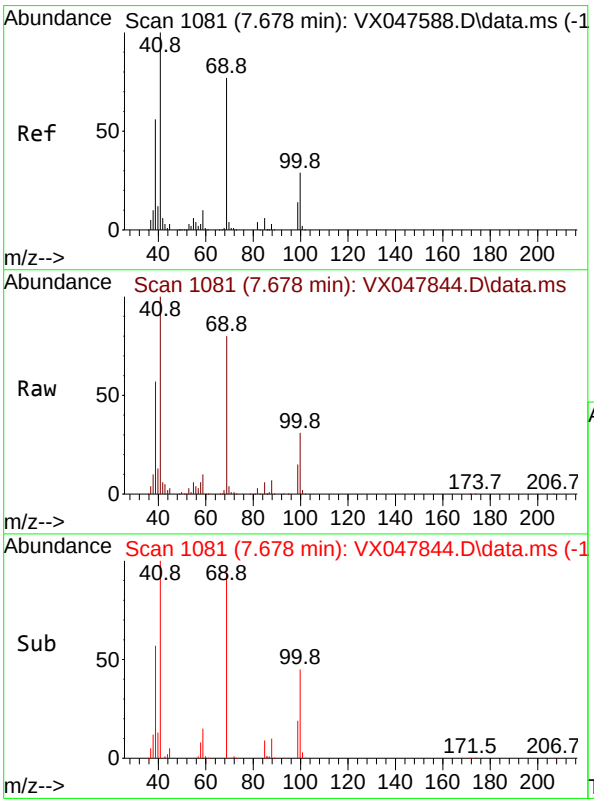
#47
Bromodichloromethane
Concen: 54.162 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 83 Resp: 152927

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7
127	7.7	6.9	10.3

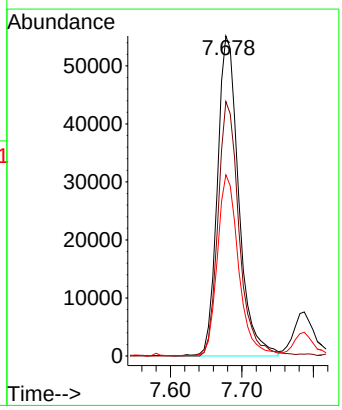


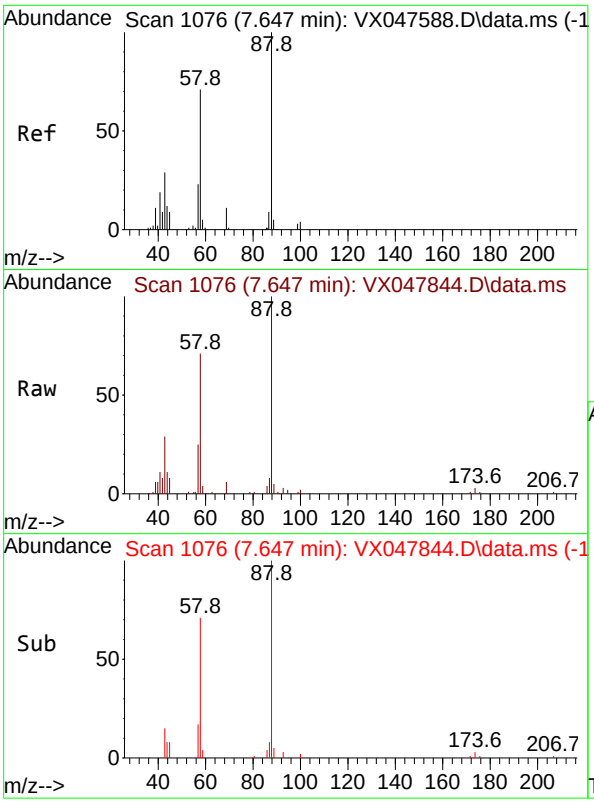


#48
Methyl methacrylate
Concen: 54.077 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 41 Resp: 114358

Ion	Ratio	Lower	Upper
41	100		
69	78.6	61.4	92.2
39	56.5	45.8	68.6



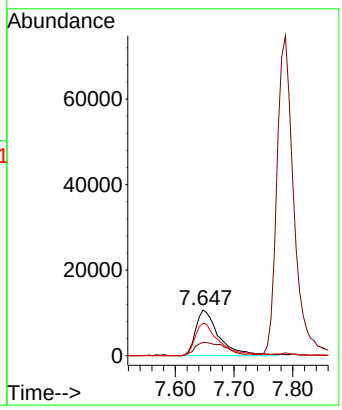


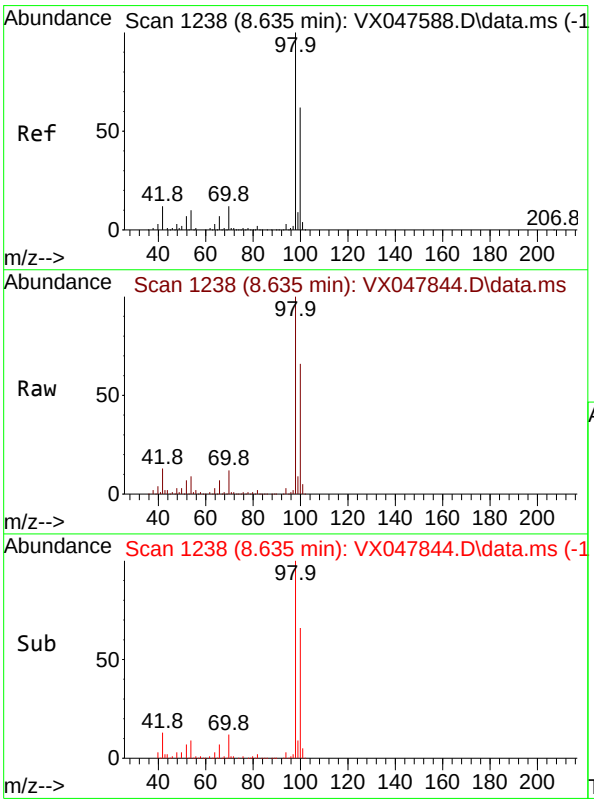
#49
1,4-Dioxane
Concen: 1376.912 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 88 Resp: 29427

Ion	Ratio	Lower	Upper
88	100		
43	39.3	30.2	45.2
58	72.6	59.5	89.3

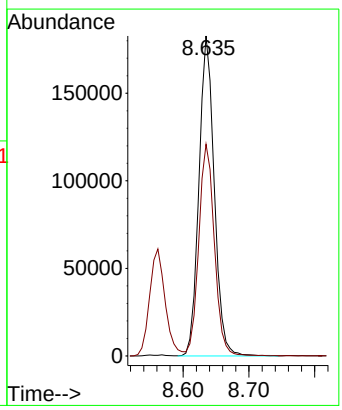


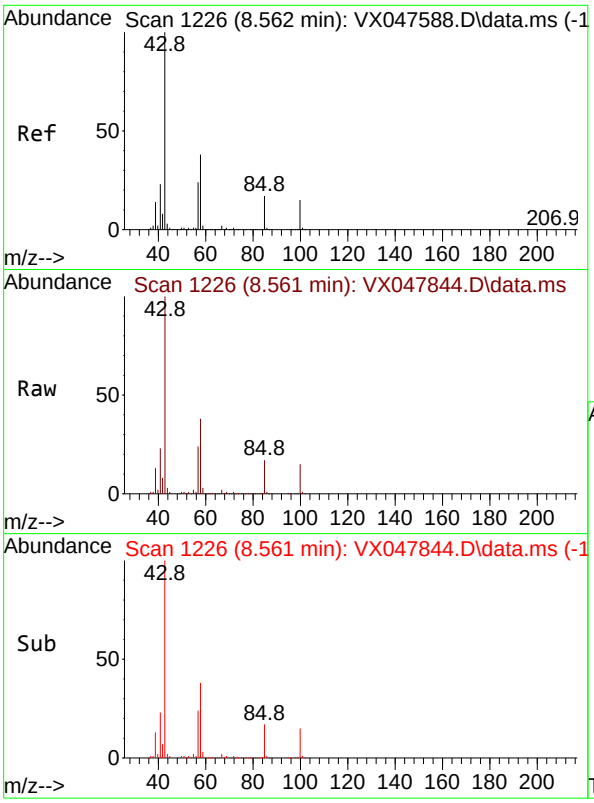


#50
Toluene-d8
Concen: 51.710 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 98 Resp: 296042

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4



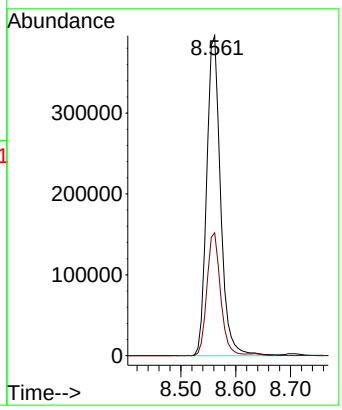


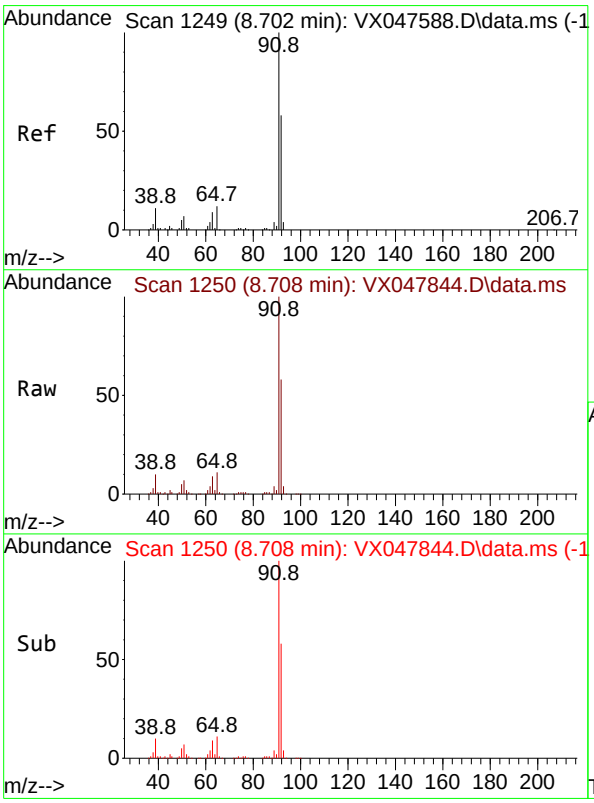
#51
4-Methyl-2-Pentanone
Concen: 294.104 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 43 Resp: 692293

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5

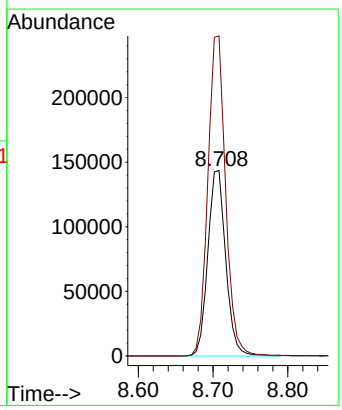


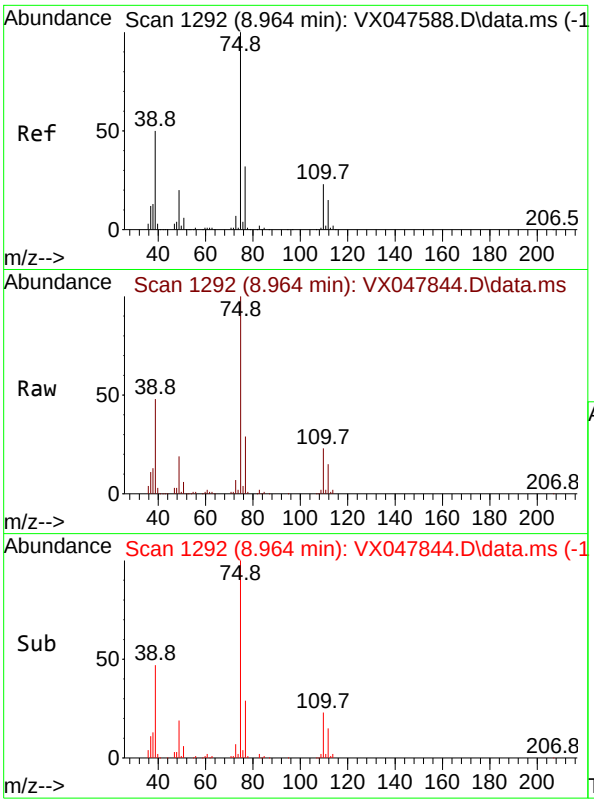


#52
Toluene
Concen: 52.900 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 92 Resp: 239323

Ion	Ratio	Lower	Upper
92	100		
91	171.5	137.1	205.7



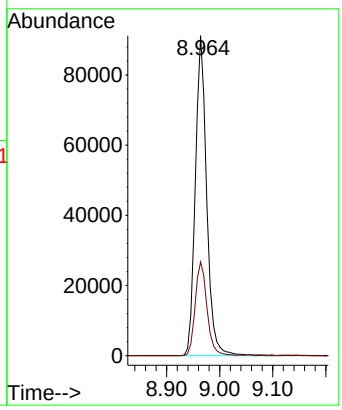


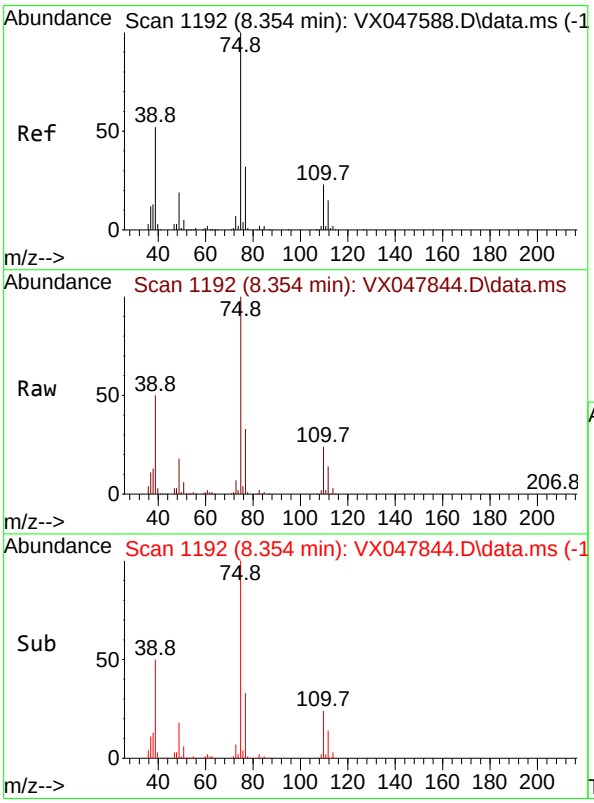
#53
t-1,3-Dichloropropene
Concen: 47.091 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 75 Resp: 135623

Ion	Ratio	Lower	Upper
75	100		
77	29.3	25.4	38.2

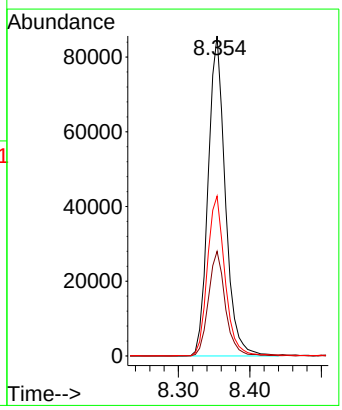


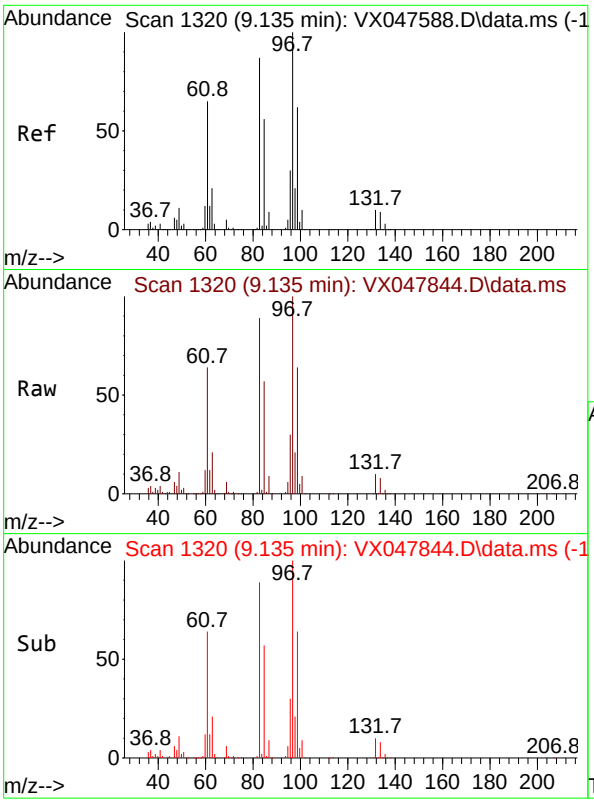


#54
cis-1,3-Dichloropropene
Concen: 46.273 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 75 Resp: 142444

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.8	38.6
39	49.7	41.4	62.2



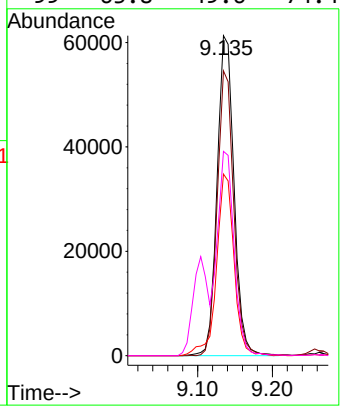


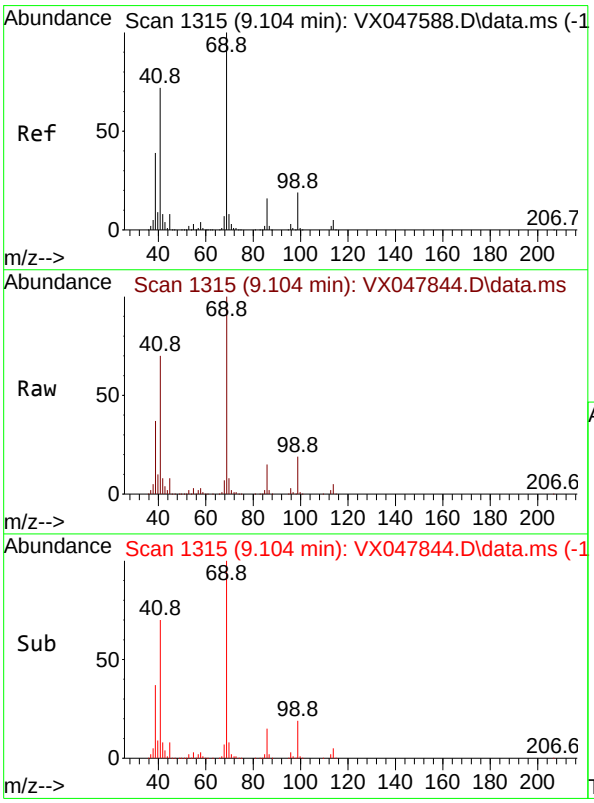
#55
1,1,2-Trichloroethane
Concen: 55.503 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 97 Resp: 96822

Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.6	104.4
85	56.8	45.0	67.6
99	63.8	49.6	74.4

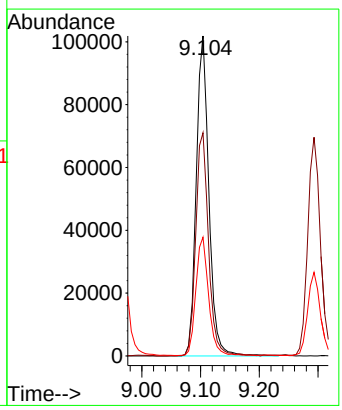


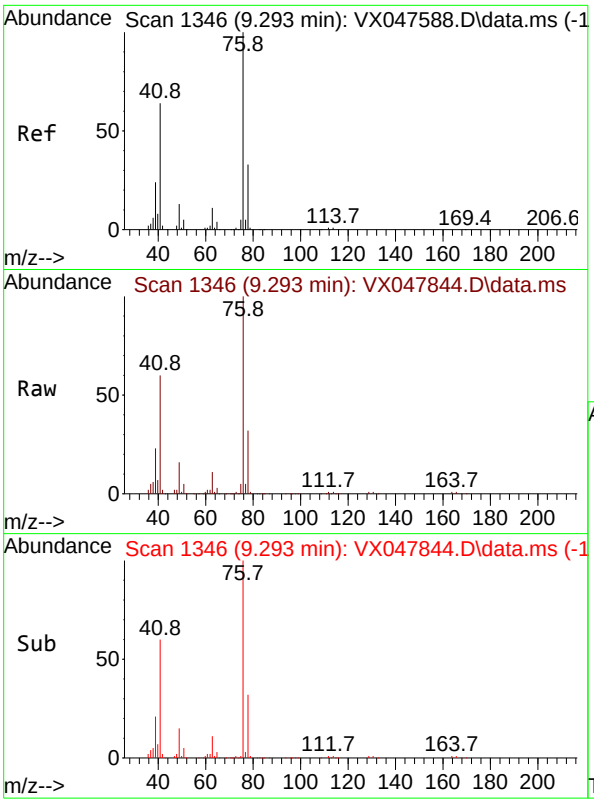


#56
Ethyl methacrylate
Concen: 55.482 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 69 Resp: 151998

Ion	Ratio	Lower	Upper
69	100		
41	70.9	58.6	87.8
39	37.6	31.5	47.3



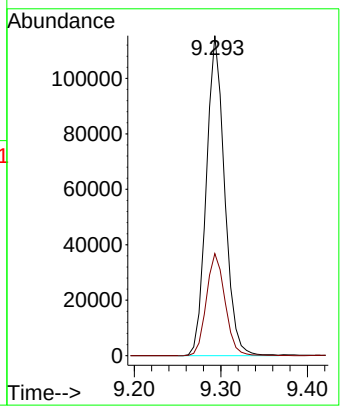


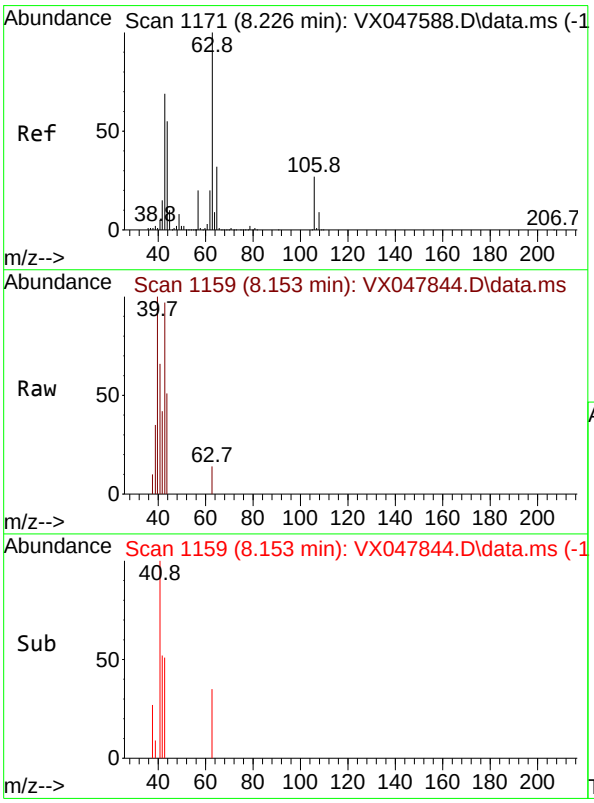
#57
1,3-Dichloropropane
Concen: 56.337 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 76 Resp: 168824

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4

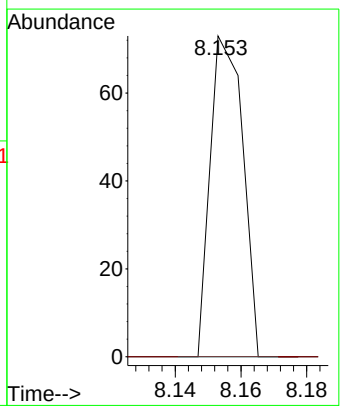


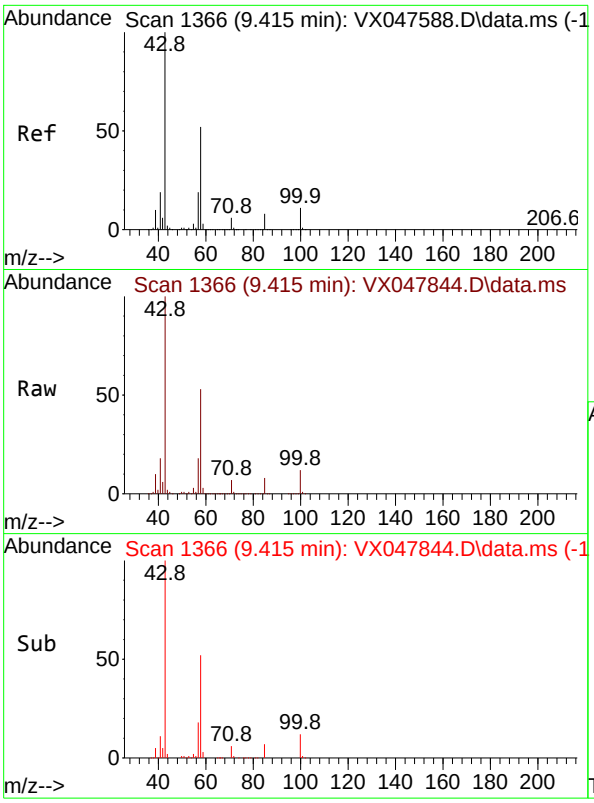


#58
2-Chloroethyl Vinyl ether
Concen: 7.931 ug/l
RT: 8.153 min Scan# 1159
Delta R.T. -0.073 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 63 Resp: 50

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#



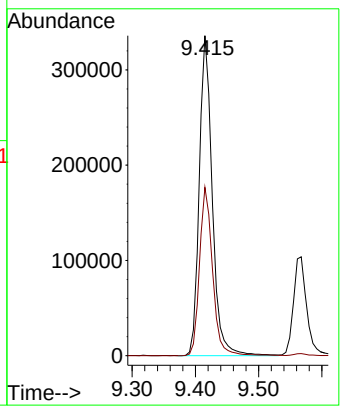


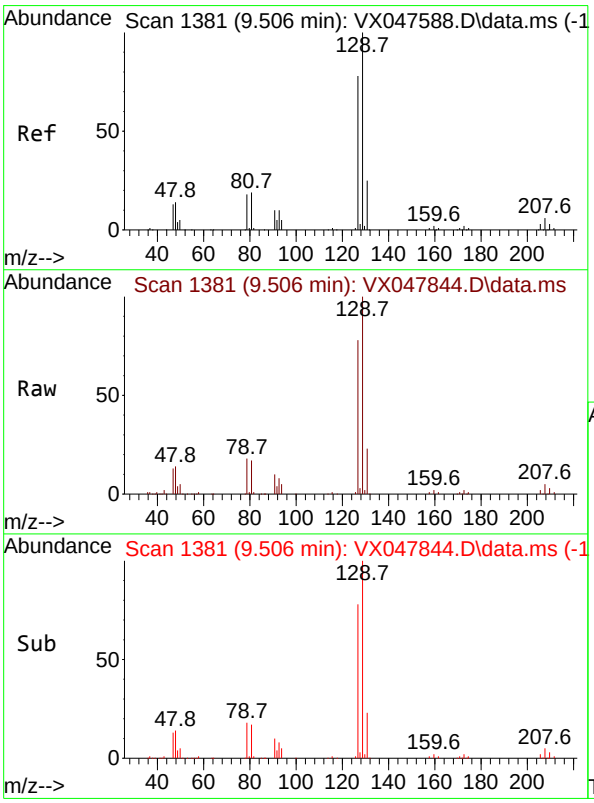
#59
2-Hexanone
Concen: 284.550 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 43 Resp: 481056

Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.1	78.2

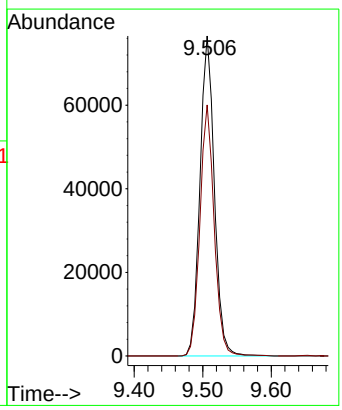


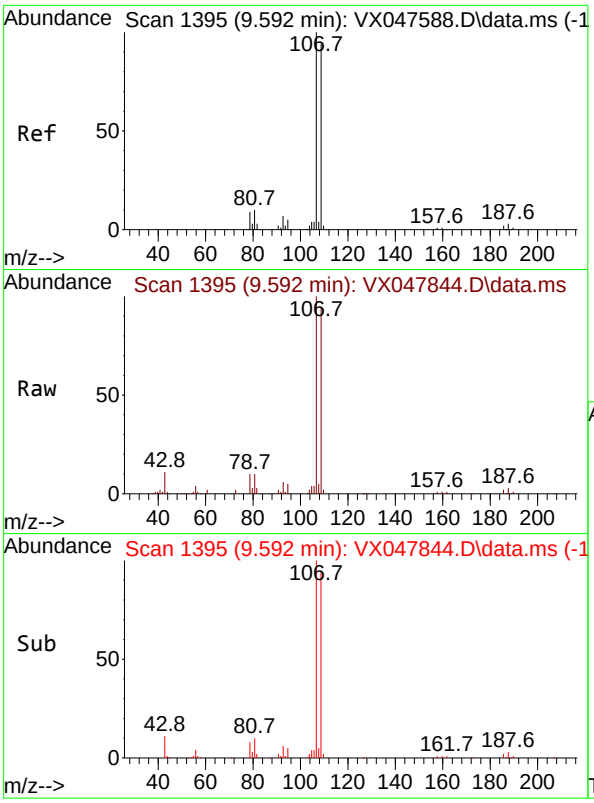


#60
Dibromochloromethane
Concen: 55.768 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:129 Resp: 112095

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2



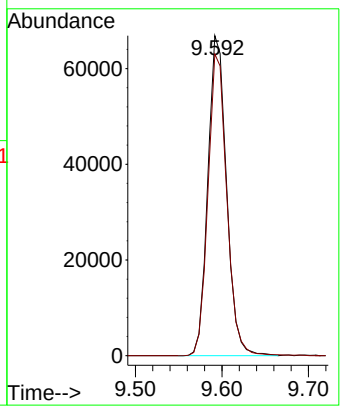


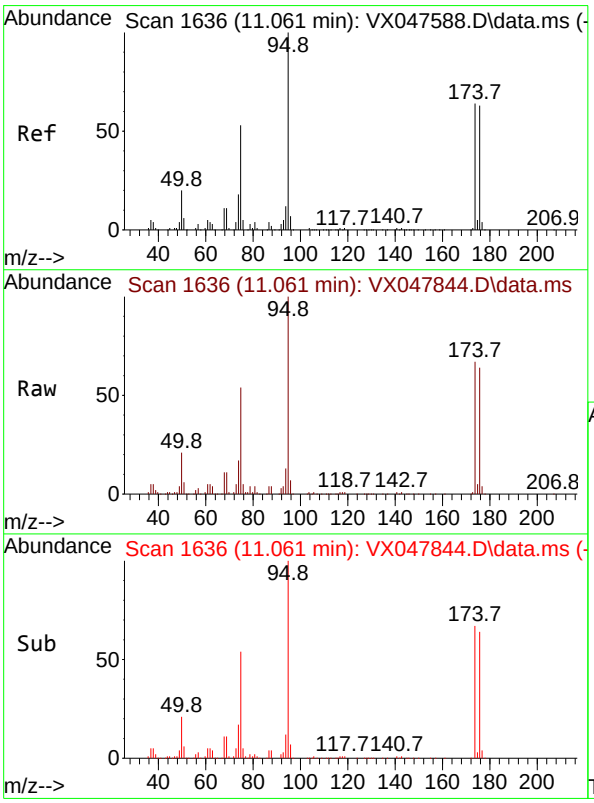
#61
1,2-Dibromoethane
Concen: 56.345 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:107 Resp: 100115

Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.3	112.9

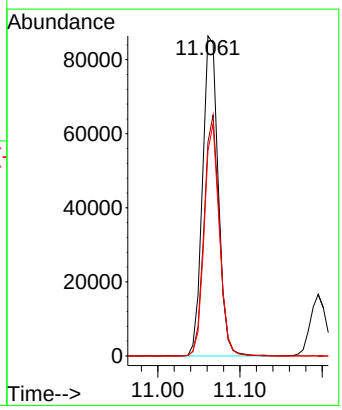


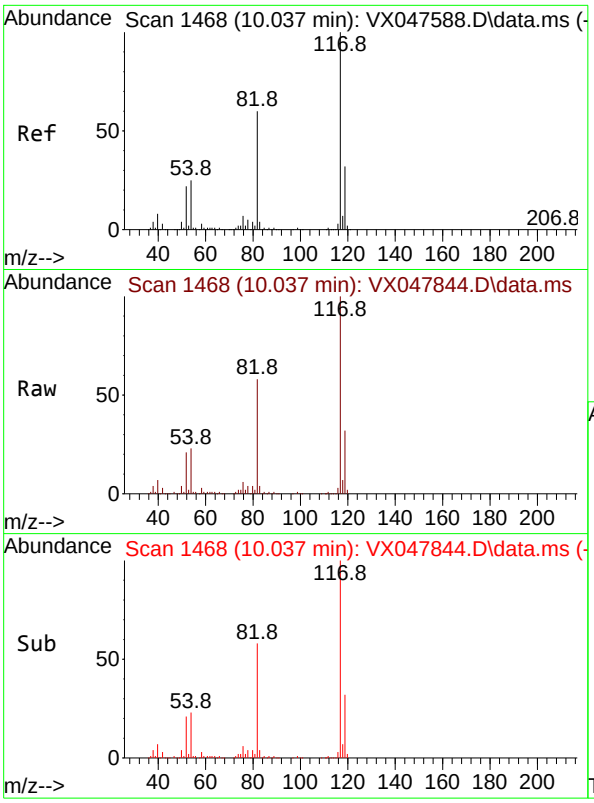


#62
4-Bromofluorobenzene
Concen: 52.851 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 95 Resp: 114832

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	141.6
176	69.7	0.0	138.4



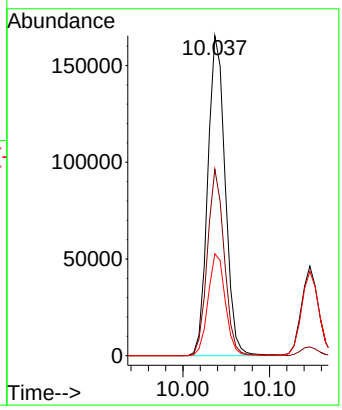


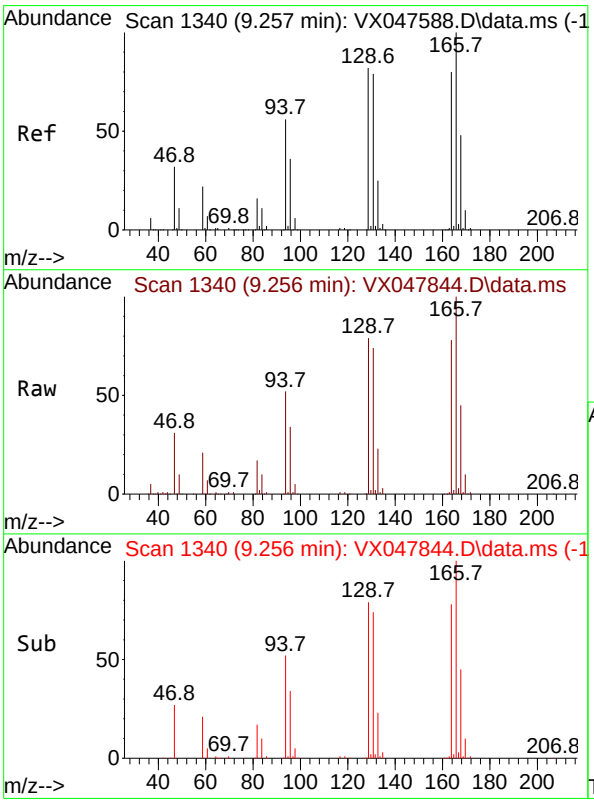
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:117 Resp: 231070

Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.8	71.6
119	31.8	25.2	37.8

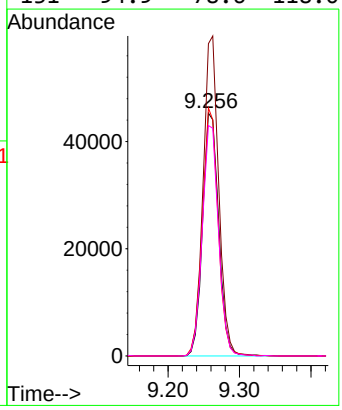


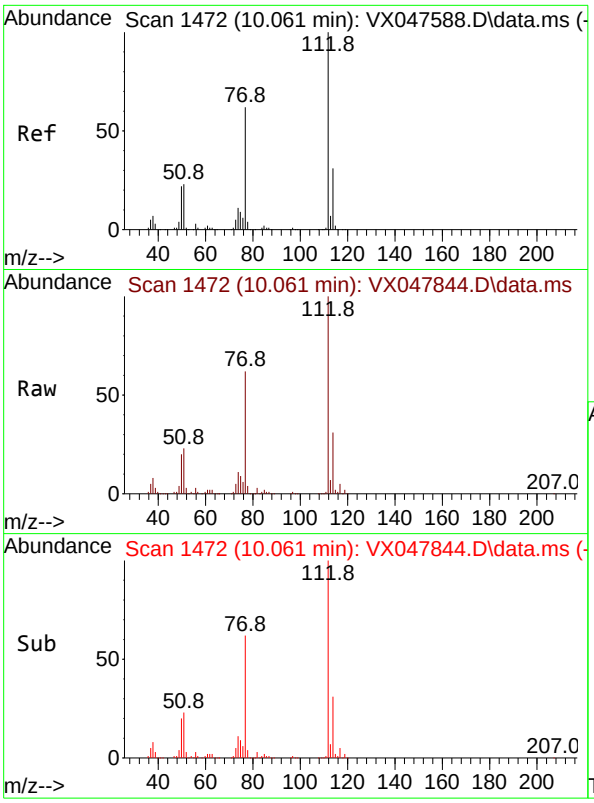


#64
Tetrachloroethene
Concen: 46.899 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:164 Resp: 70646

Ion	Ratio	Lower	Upper
164	100		
166	128.6	100.2	150.2
129	102.1	81.8	122.6
131	94.9	78.6	118.0



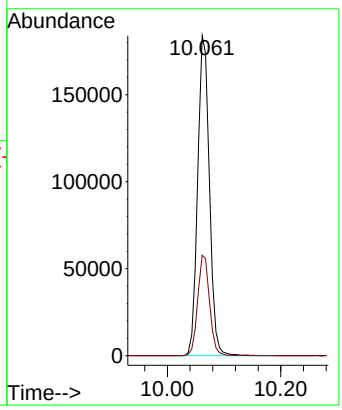


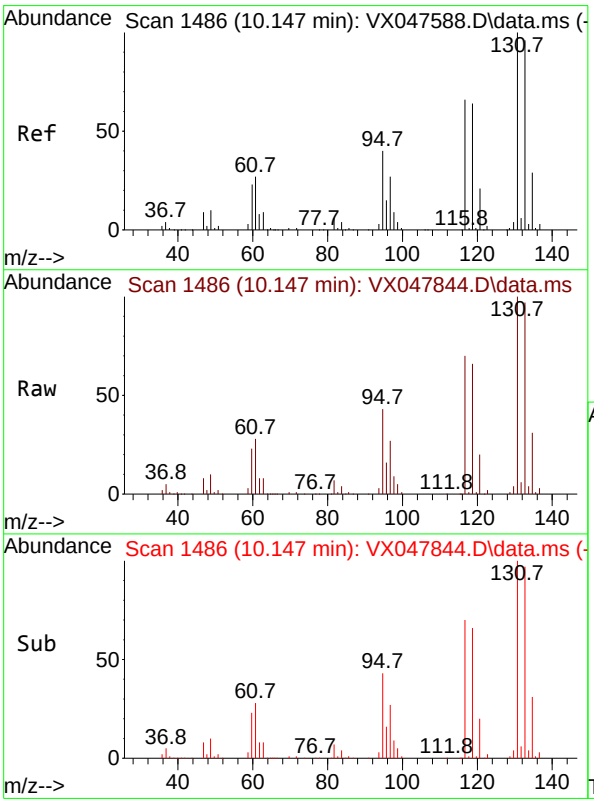
#65
Chlorobenzene
Concen: 50.337 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:112 Resp: 264245

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

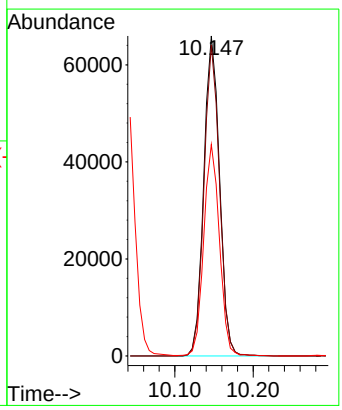


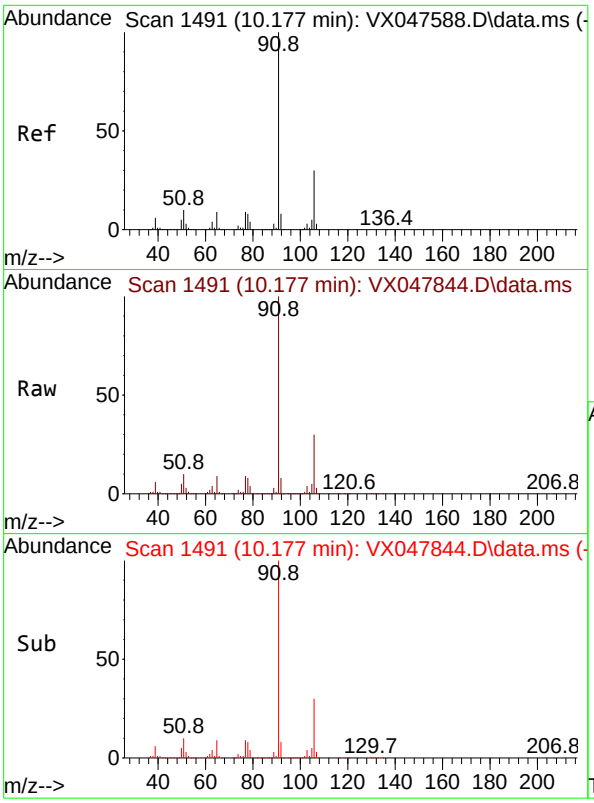


#66
1,1,1,2-Tetrachloroethane
Concen: 50.821 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:131 Resp: 92060

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.3	142.0
119	65.9	32.0	96.0



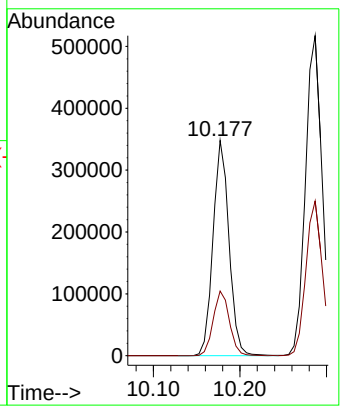


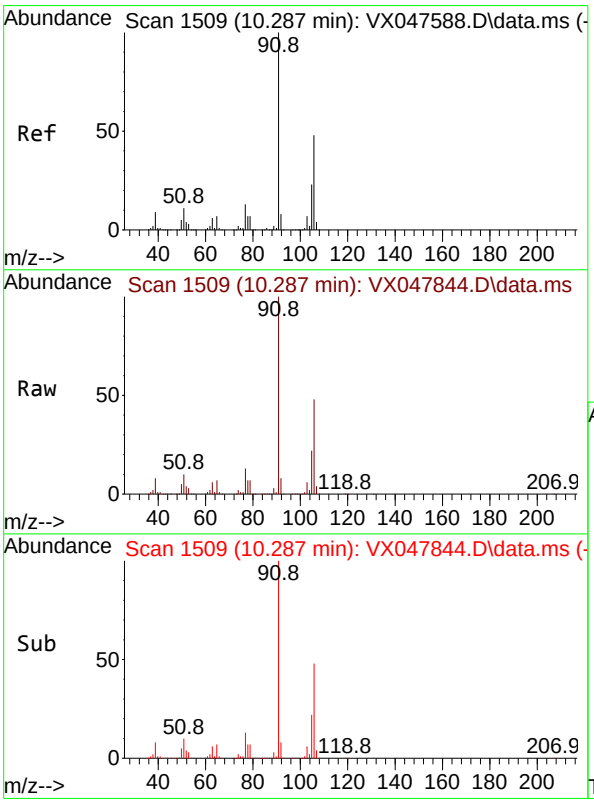
#67
Ethyl Benzene
Concen: 49.248 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 91 Resp: 446063

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.3	36.5

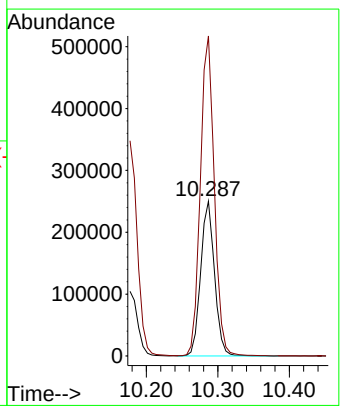


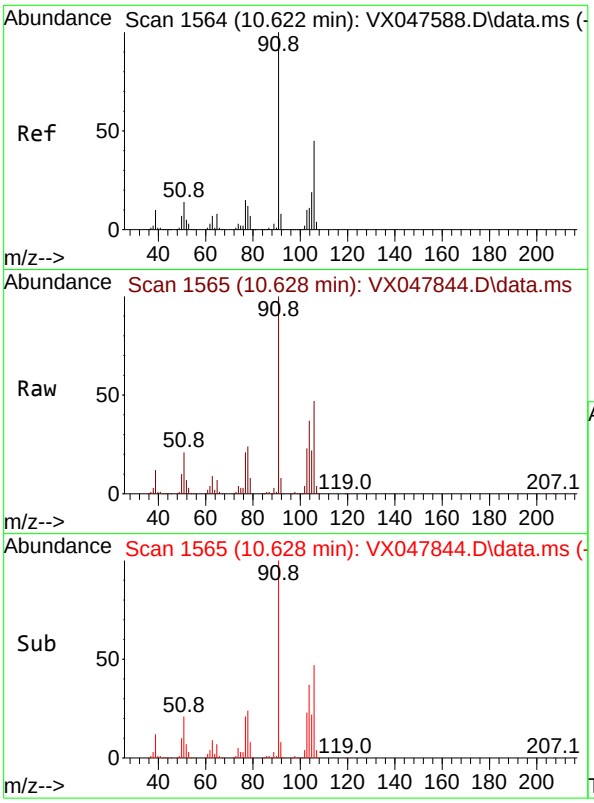


#68
m/p-Xylenes
Concen: 99.632 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:106 Resp: 335889

Ion	Ratio	Lower	Upper
106	100		
91	208.6	167.8	251.8



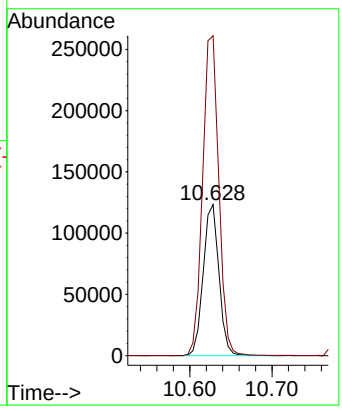


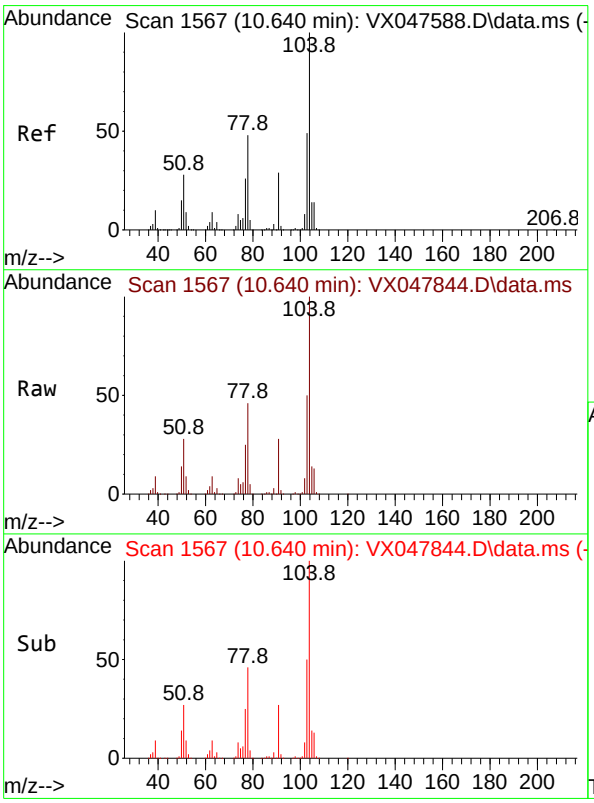
#69
o-Xylene
Concen: 50.244 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:106 Resp: 163837

Ion	Ratio	Lower	Upper
106	100		
91	218.1	111.1	333.4

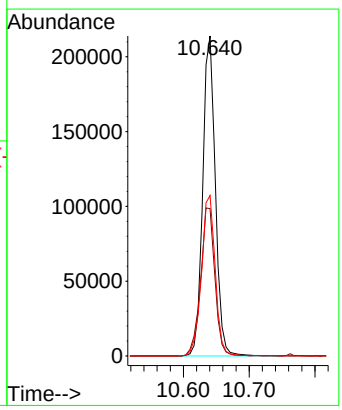


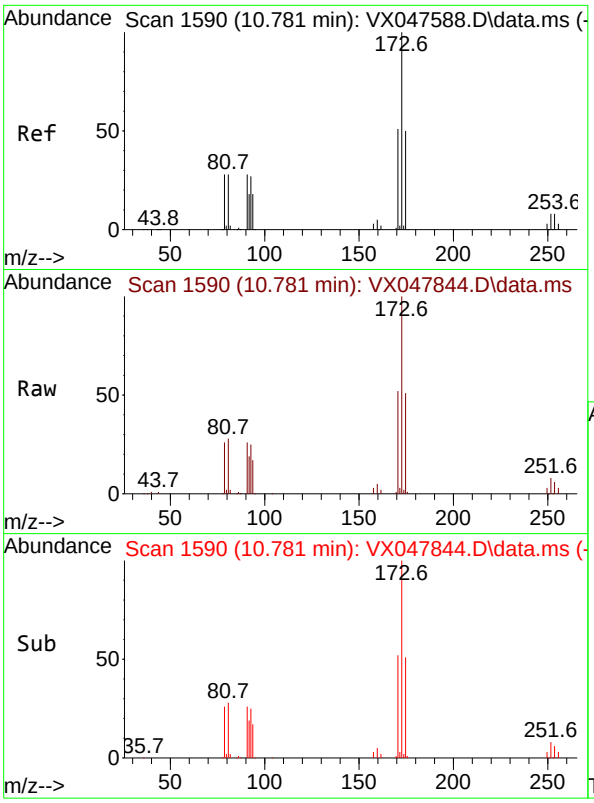


#70
Styrene
Concen: 49.992 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:104 Resp: 285635

Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.1	64.7
103	54.6	43.1	64.7



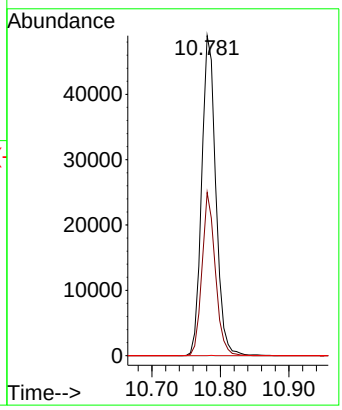


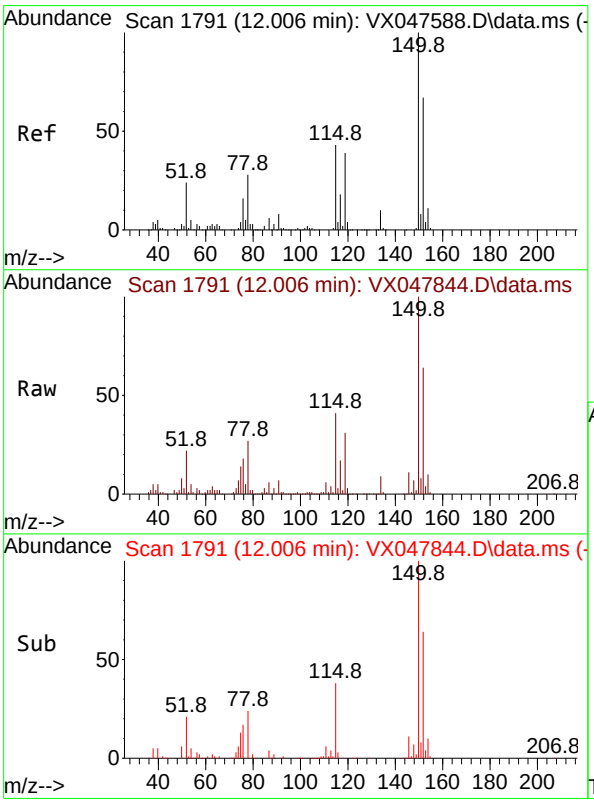
#71
Bromoform
Concen: 52.031 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:173 Resp: 70377

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.9	74.6
254	0.0	0.1	0.1#

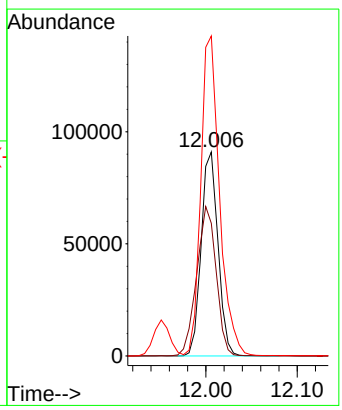


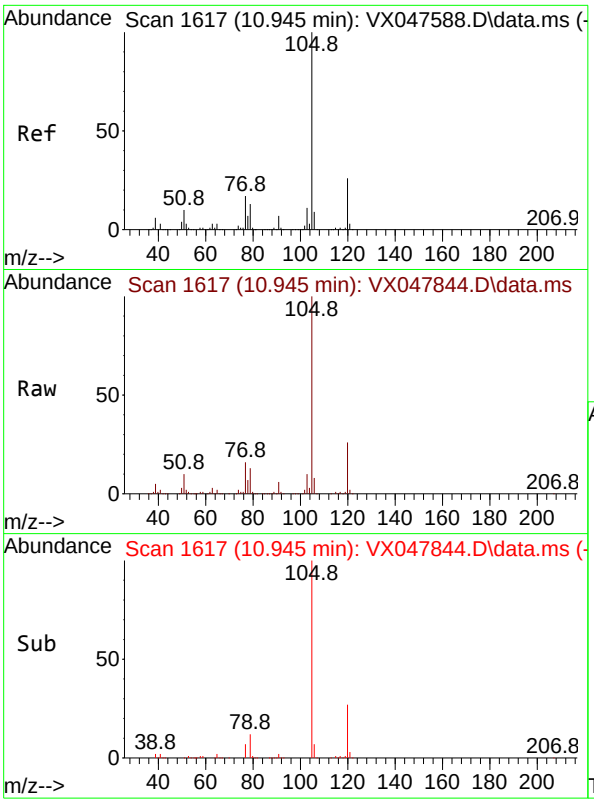


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:152 Resp: 116018

Ion	Ratio	Lower	Upper
152	100		
115	85.0	44.9	134.5
150	174.3	0.0	352.0



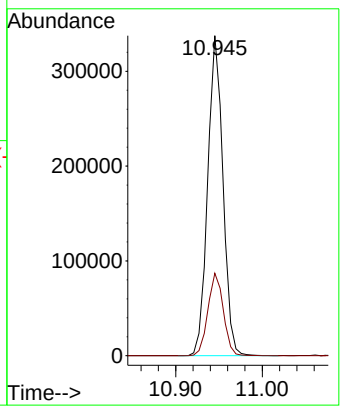


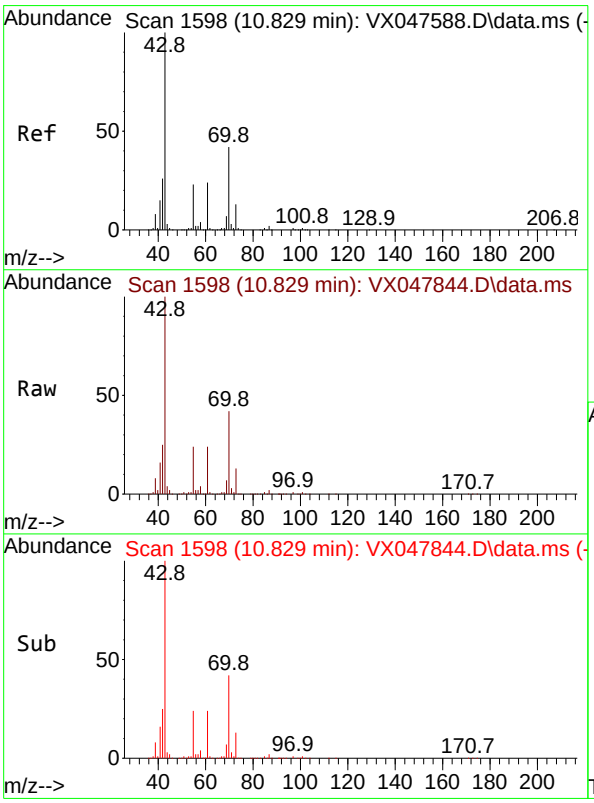
#73
Isopropylbenzene
Concen: 46.783 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:105 Resp: 412643

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4

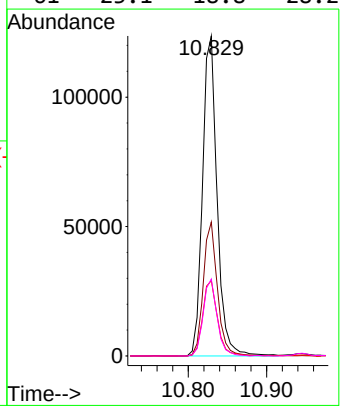


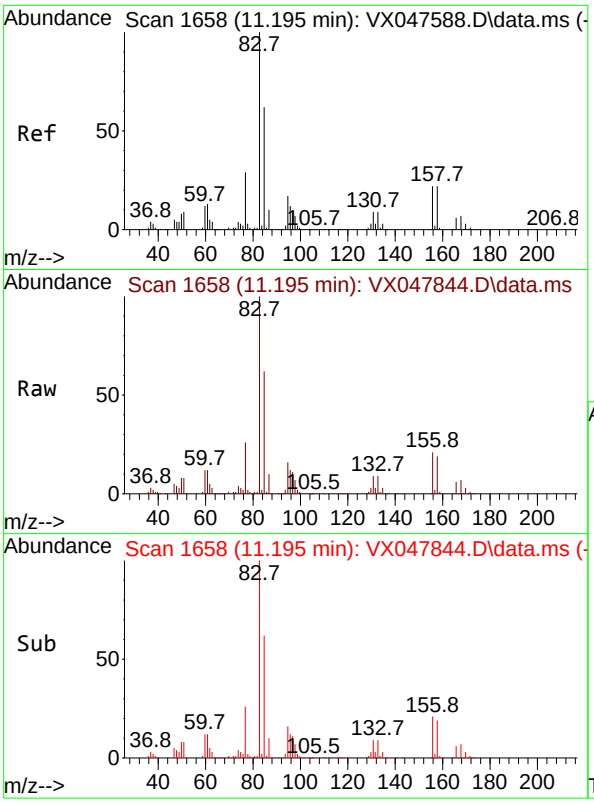


#74
N-amyl acetate
Concen: 39.637 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 43 Resp: 159428

Ion	Ratio	Lower	Upper
43	100		
70	40.7	32.0	48.0
55	23.9	18.9	28.3
61	23.1	18.8	28.2



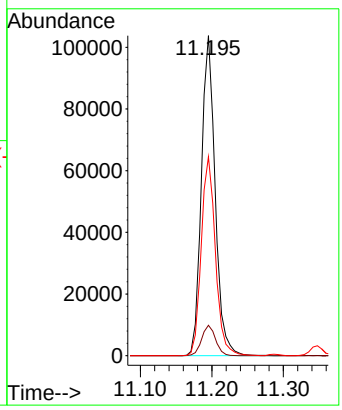


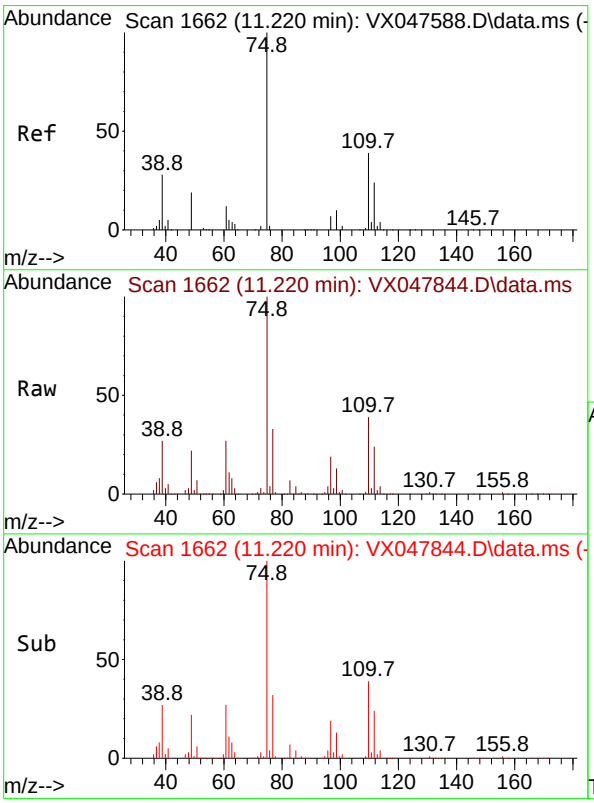
#75
1,1,2,2-Tetrachloroethane
Concen: 51.973 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 83 Resp: 138696

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	64.1	31.6	95.0

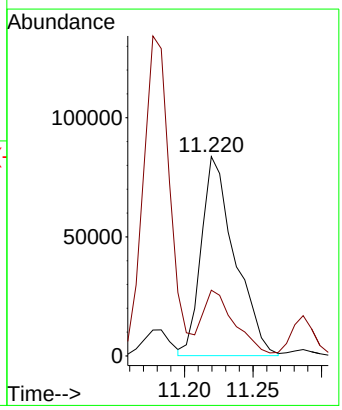


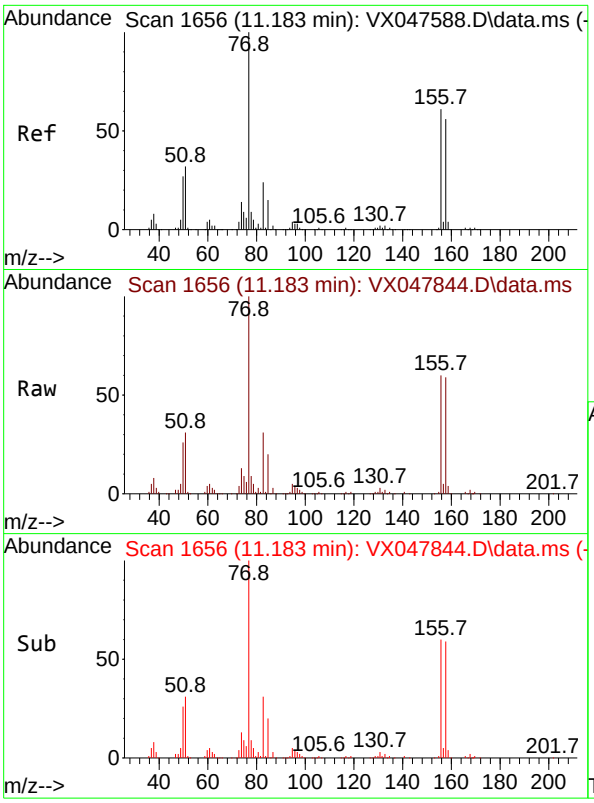


#76
1,2,3-Trichloropropane
Concen: 60.715 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 75 Resp: 142620

Ion	Ratio	Lower	Upper
75	100		
77	31.1	18.8	56.4



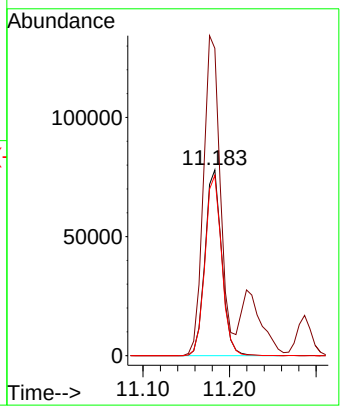


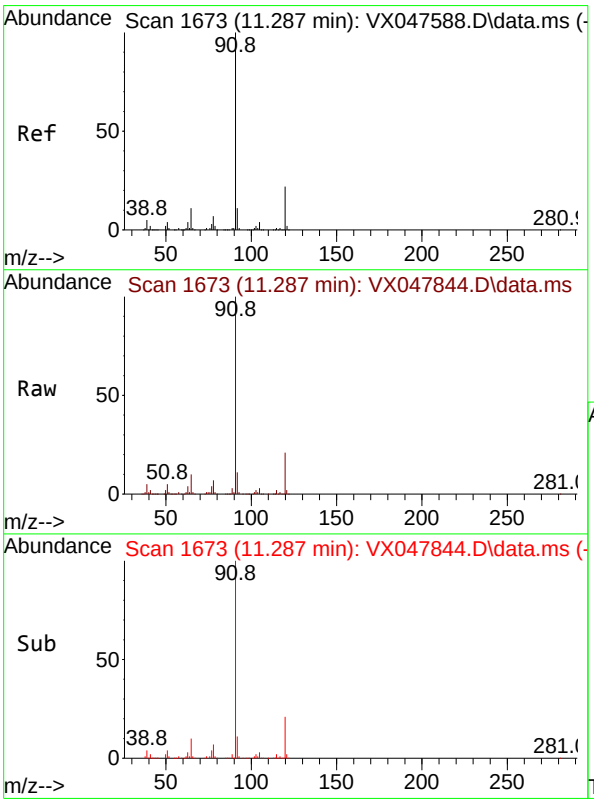
#77
Bromobenzene
Concen: 48.052 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:156 Resp: 104389

Ion	Ratio	Lower	Upper
156	100		
77	175.3	89.7	269.1
158	97.2	47.9	143.6

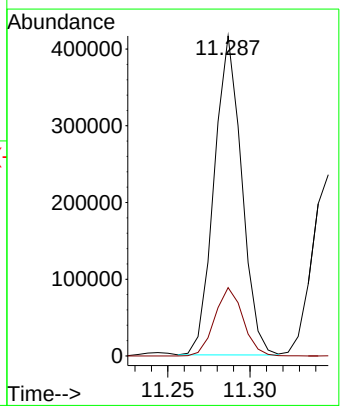


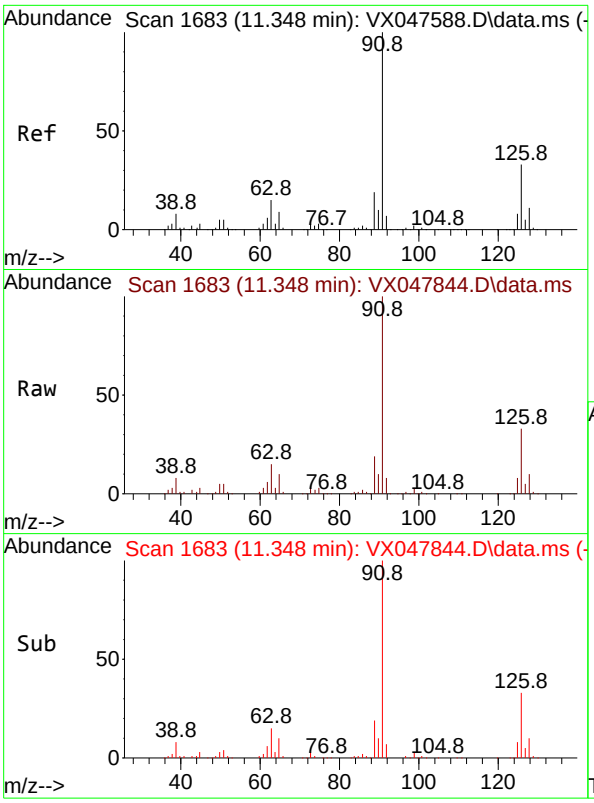


#78
n-propylbenzene
Concen: 46.453 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 91 Resp: 484363

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.1	33.1



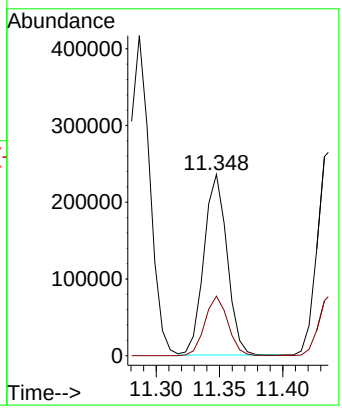


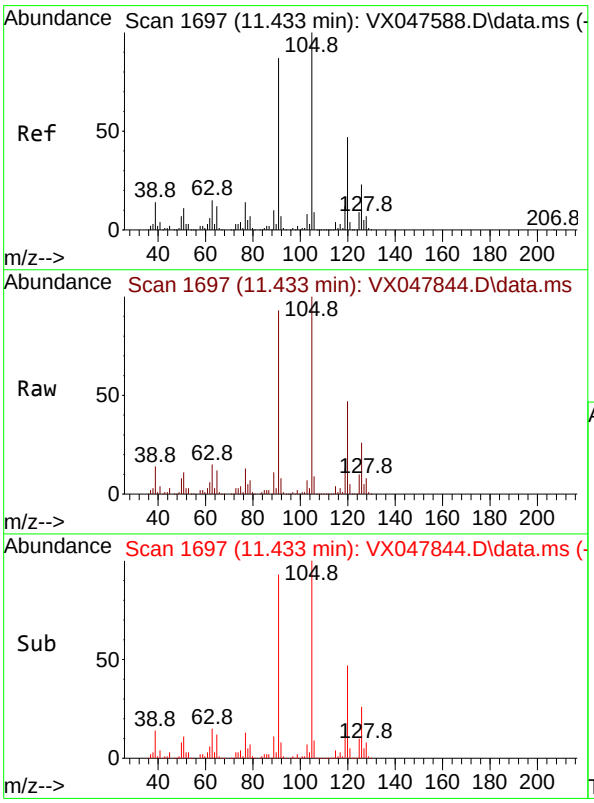
#79
2-Chlorotoluene
Concen: 47.034 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 91 Resp: 300372

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

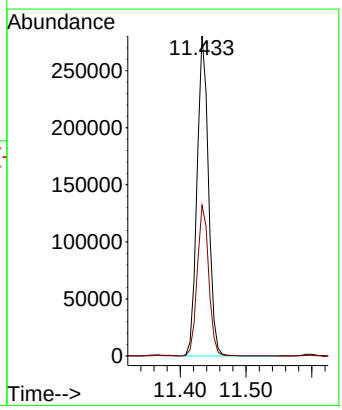


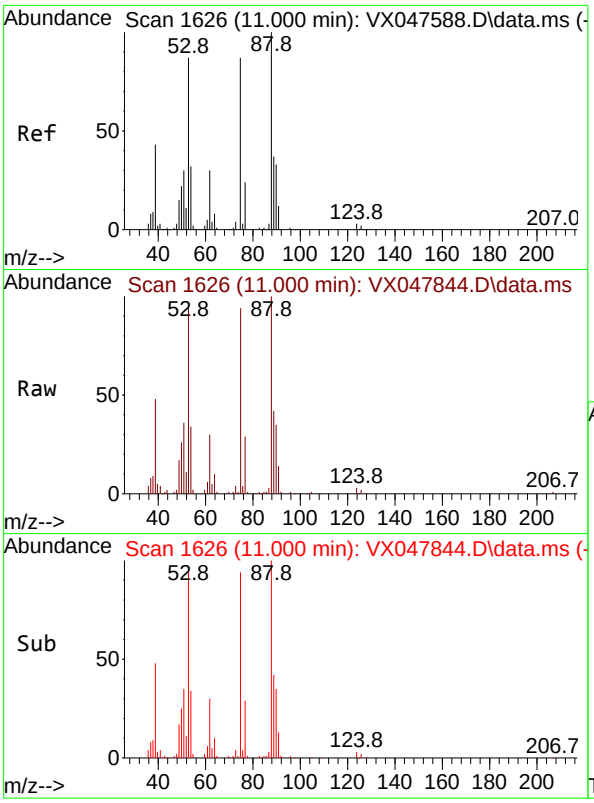


#80
1,3,5-Trimethylbenzene
Concen: 46.644 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:105 Resp: 338016

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.6	70.8



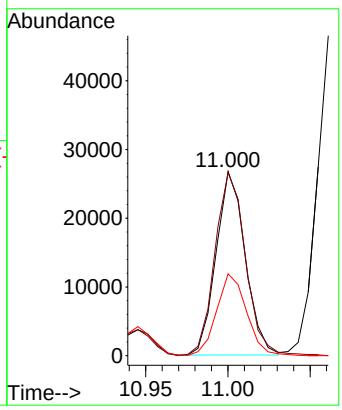


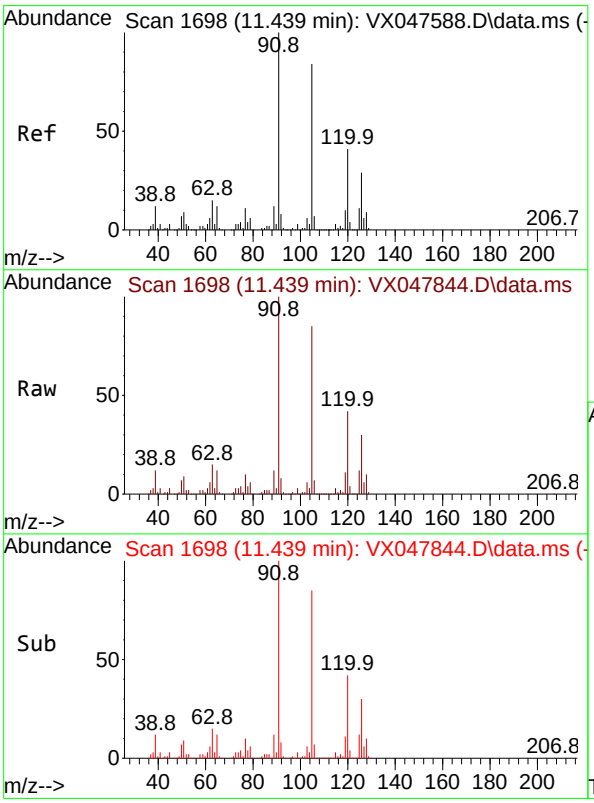
#81
trans-1,4-Dichloro-2-butene
Concen: 35.695 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 75 Resp: 32880

Ion	Ratio	Lower	Upper
75	100		
53	105.2	83.4	125.2
89	45.9	36.3	54.5

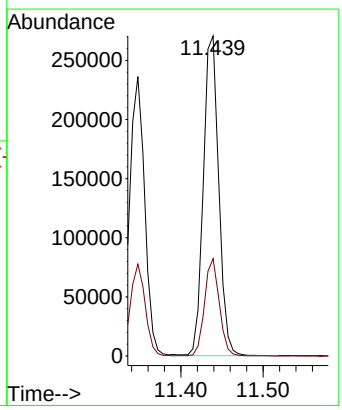


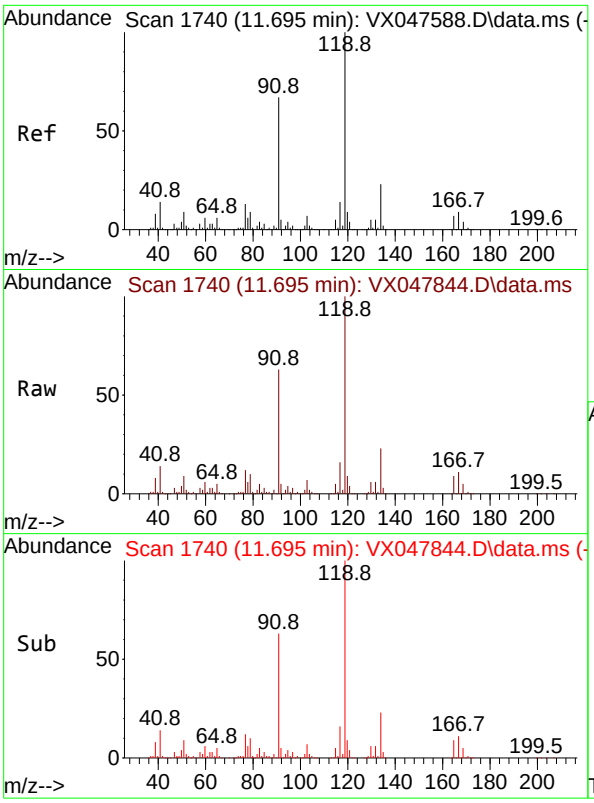


#82
4-Chlorotoluene
Concen: 46.645 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 91 Resp: 351815

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.2	42.6



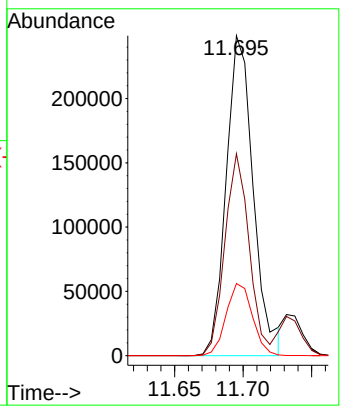


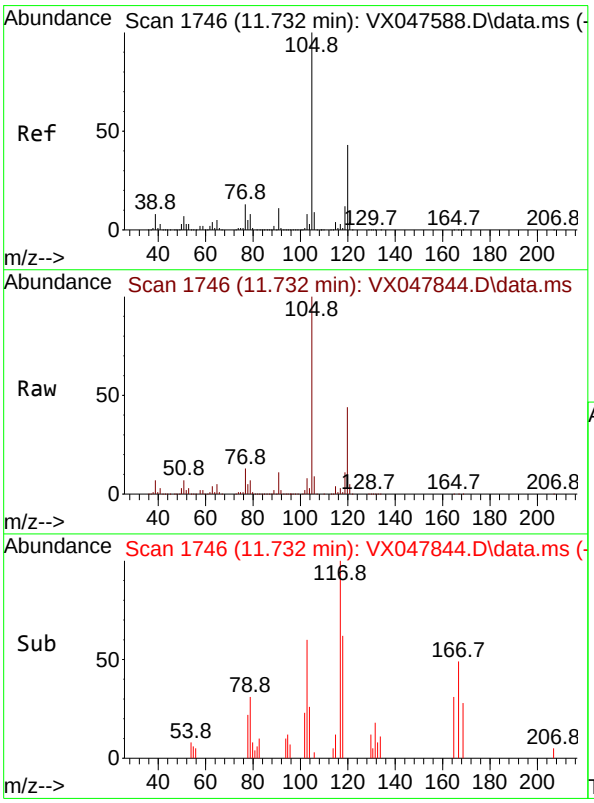
#83
tert-Butylbenzene
Concen: 46.077 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:119 Resp: 341819

Ion	Ratio	Lower	Upper
119	100		
91	57.1	29.6	88.8
134	22.0	11.0	33.0

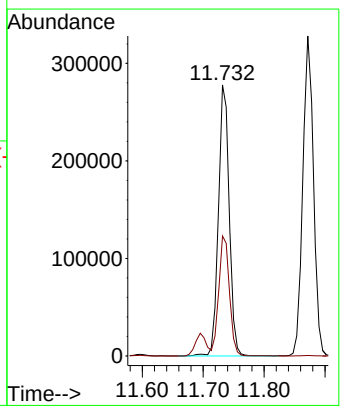


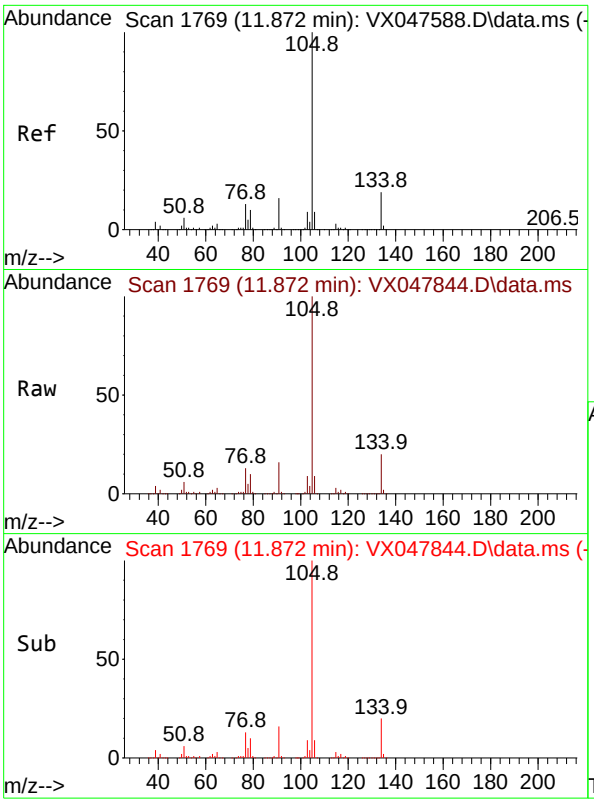


#84
1,2,4-Trimethylbenzene
Concen: 46.668 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:105 Resp: 342872

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.1



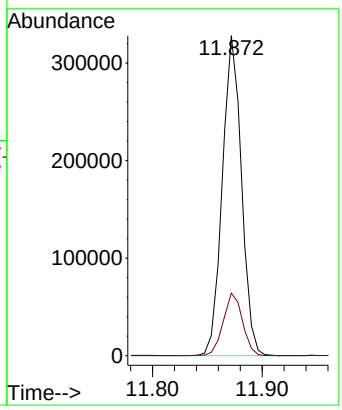


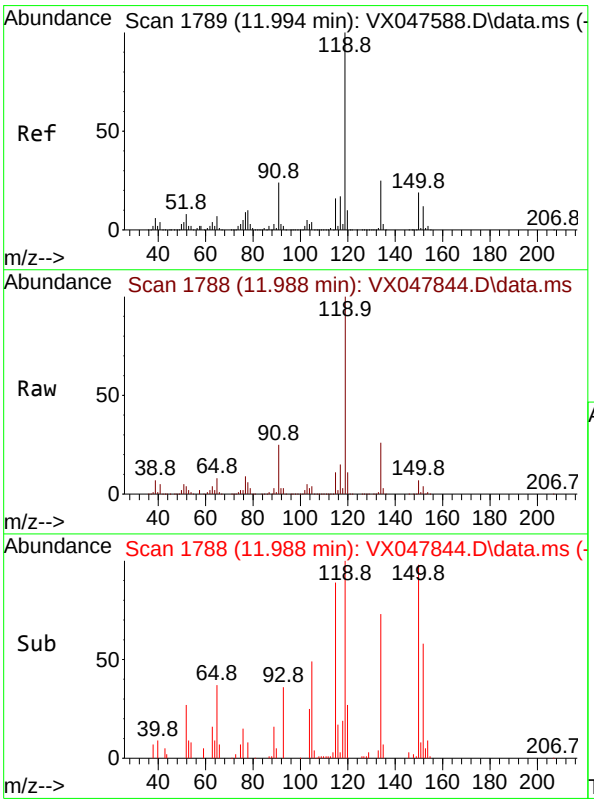
#85
sec-Butylbenzene
Concen: 45.192 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:105 Resp: 398208

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5

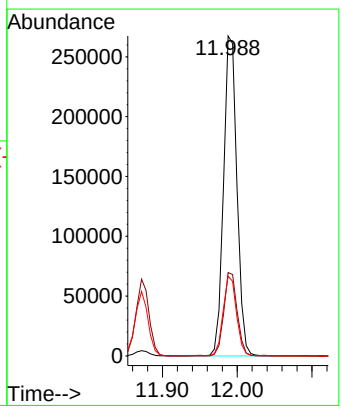


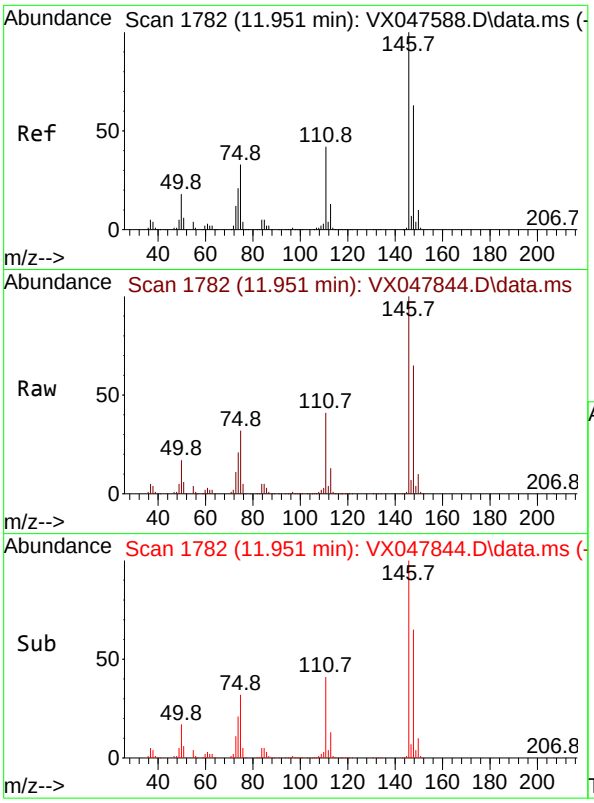


#86
p-Isopropyltoluene
Concen: 44.776 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:119 Resp: 334025

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.6	37.8
91	24.8	12.6	37.6



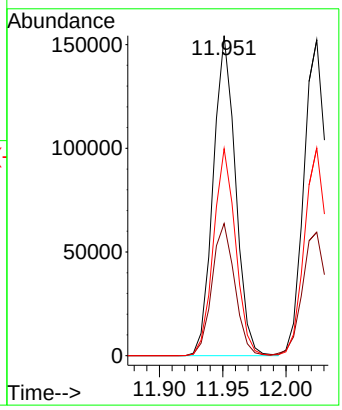


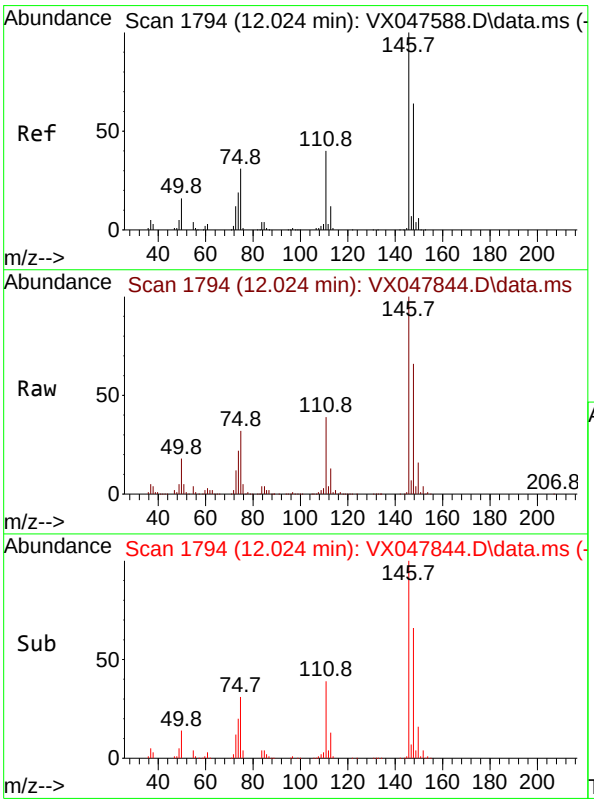
#87
1,3-Dichlorobenzene
Concen: 46.830 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:146 Resp: 188962

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	64.0	32.0	96.0

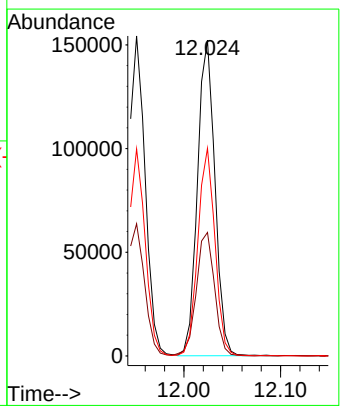


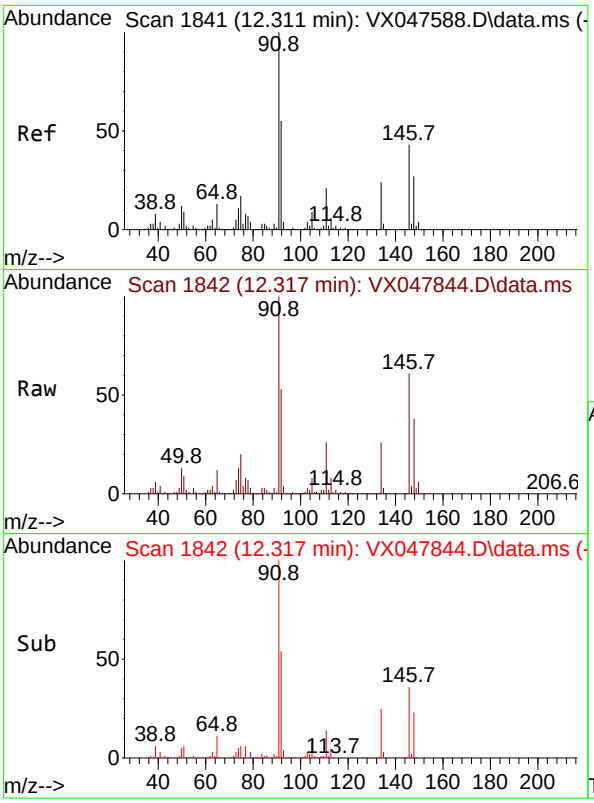


#88
1,4-Dichlorobenzene
Concen: 46.268 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:146 Resp: 191613

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.8	62.4
148	64.4	31.7	95.1



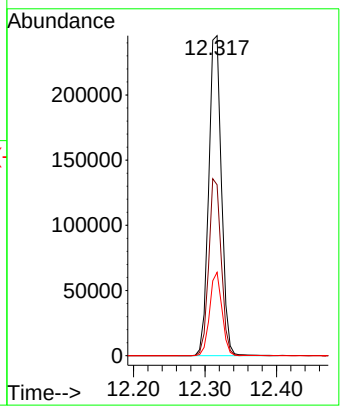


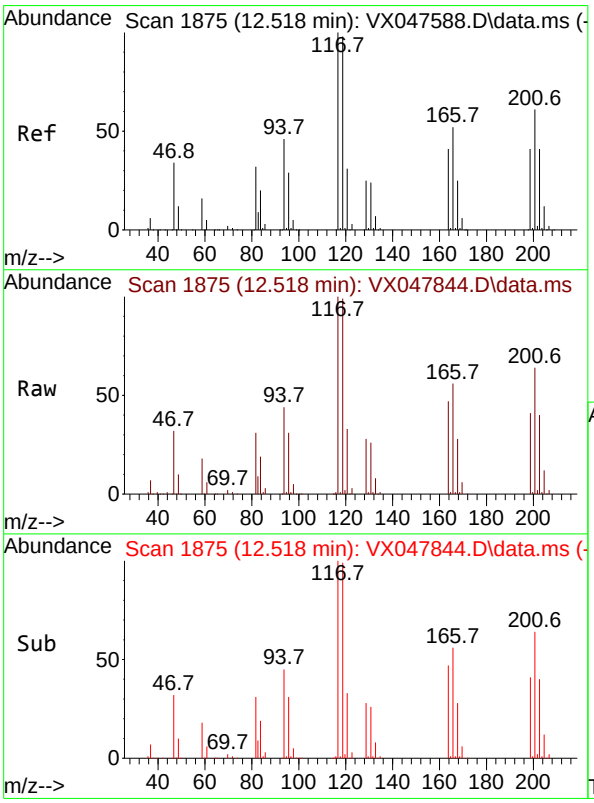
#89
n-Butylbenzene
Concen: 43.932 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion: 91 Resp: 303246

Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.6	82.7
134	25.1	12.6	37.8

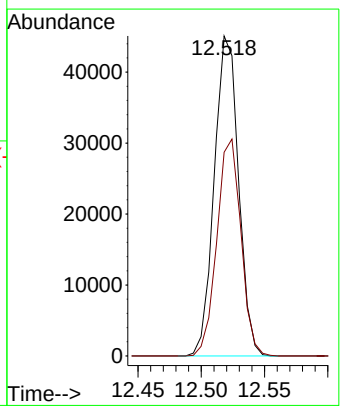


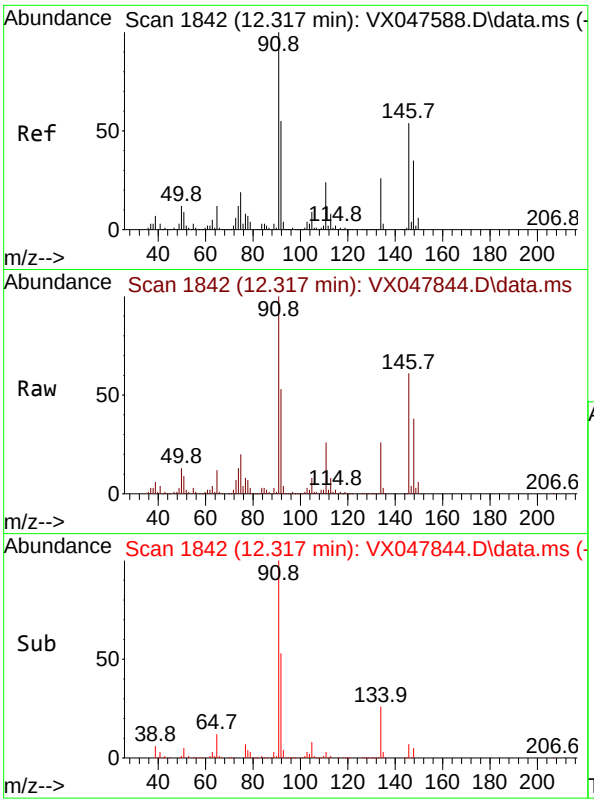


#90
Hexachloroethane
Concen: 45.812 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:117 Resp: 60001

Ion	Ratio	Lower	Upper
117	100		
201	67.4	34.2	102.5



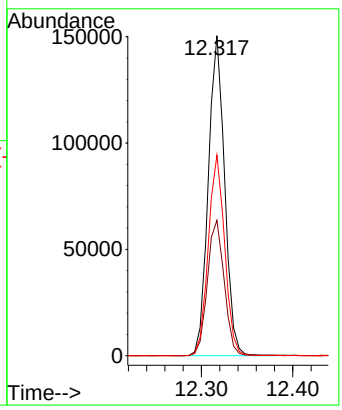


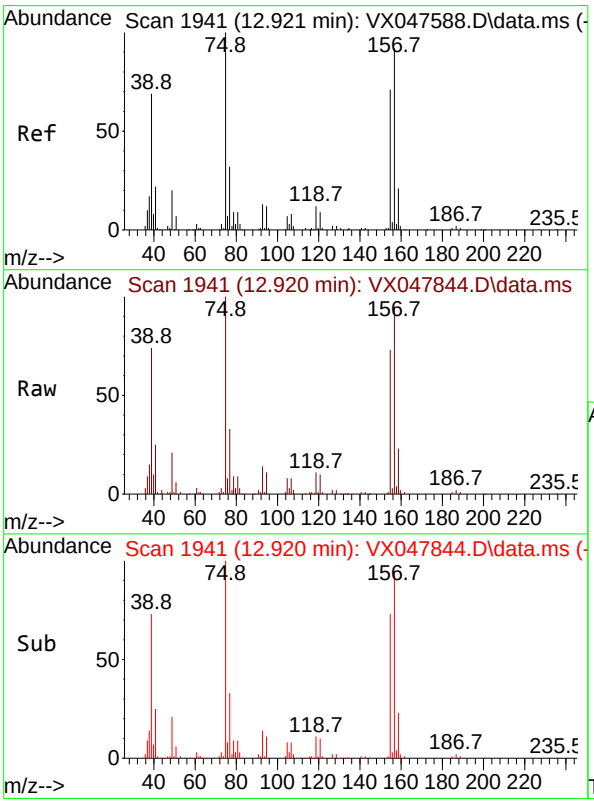
#91
1,2-Dichlorobenzene
Concen: 48.435 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:146 Resp: 186196

Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.2	66.6
148	63.0	31.8	95.4

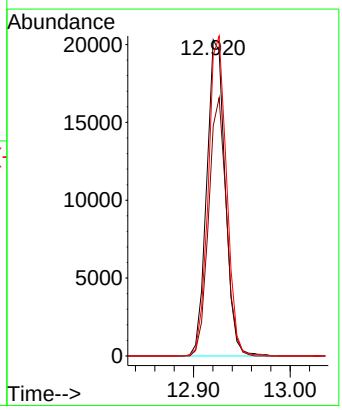


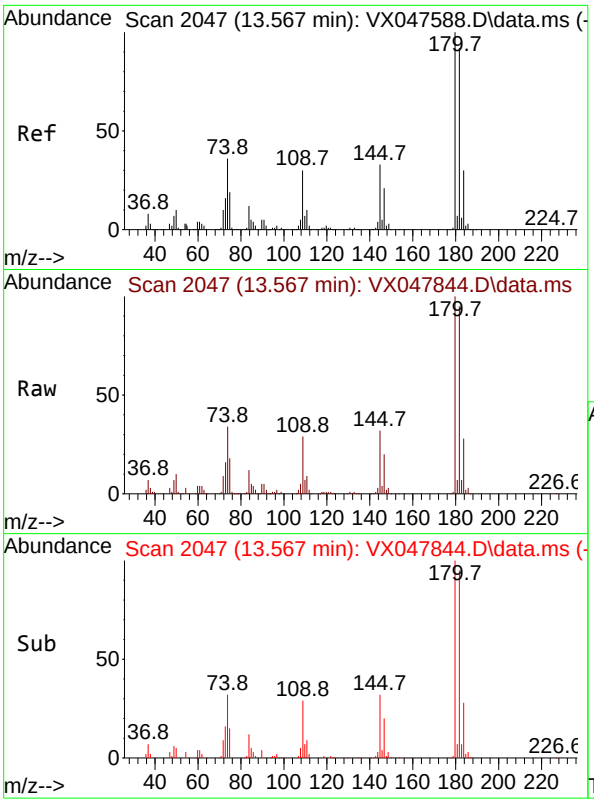


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.867 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion: 75 Resp: 26943

Ion	Ratio	Lower	Upper
75	100		
155	78.7	37.7	113.1
157	100.2	49.8	149.4



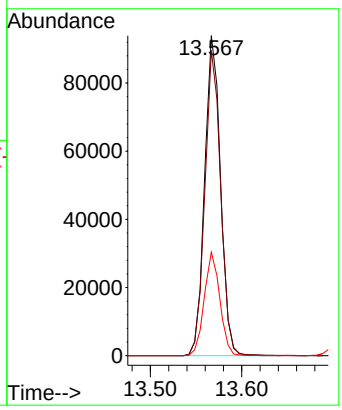


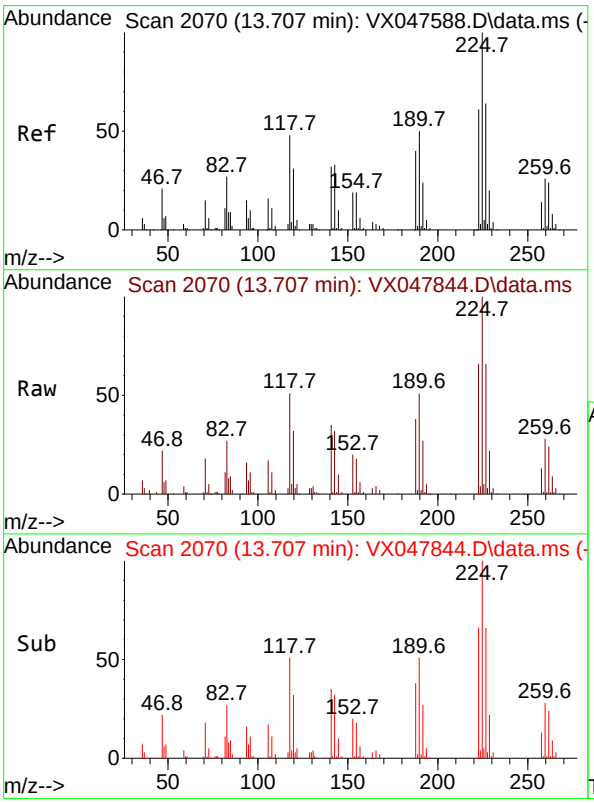
#93
1,2,4-Trichlorobenzene
Concen: 45.241 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:180 Resp: 113030

Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.6	139.8
145	31.8	16.4	49.1

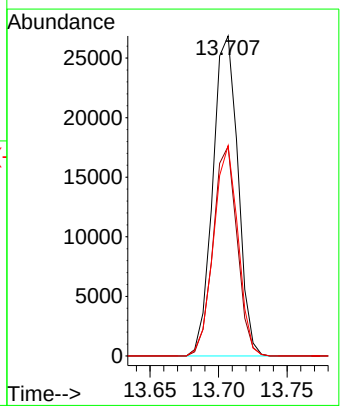


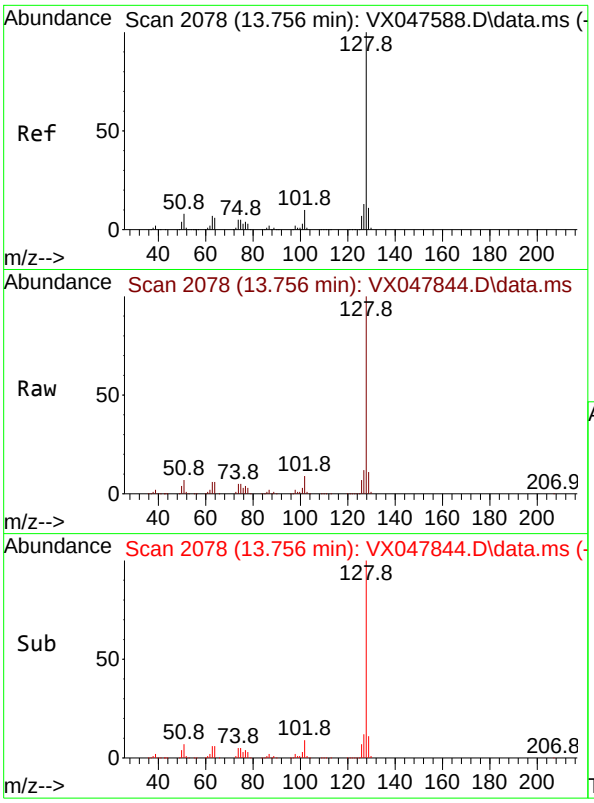


#94
Hexachlorobutadiene
Concen: 40.316 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:225 Resp: 34213

Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.7	95.1
227	63.8	32.0	96.0



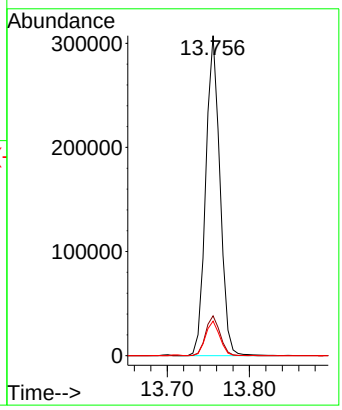


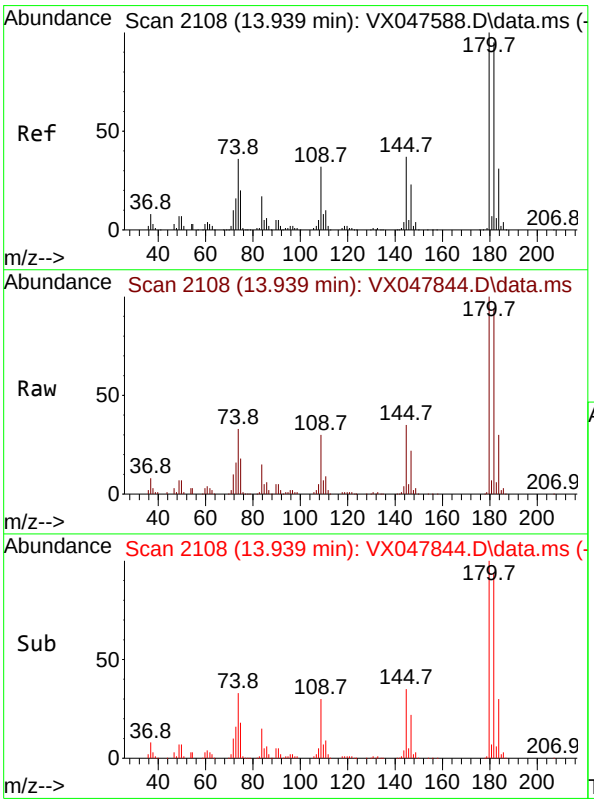
#95
Naphthalene
Concen: 48.482 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MS

Tgt Ion:128 Resp: 368844

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.8	13.2

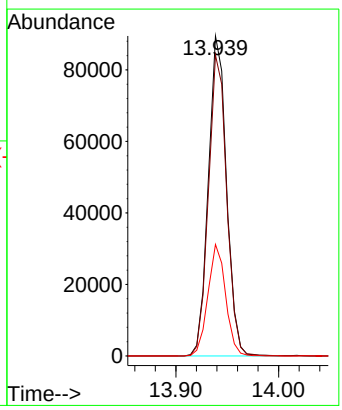




#96
1,2,3-Trichlorobenzene
Concen: 47.338 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047844.D
Acq: 26 Sep 2025 08:46

Tgt Ion:180 Resp: 110016

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.6	142.8
145	34.1	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047845.D
Acq On : 26 Sep 2025 09:07
Operator : JC/MD
Sample : Q3128-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Quant Time: Sep 26 22:51:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	130228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	242264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	226841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	101864	49.141	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.280%			
35) Dibromofluoromethane	5.379	113	77809	47.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.780%			
50) Toluene-d8	8.635	98	267377	47.559	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.120%			
62) 4-Bromofluorobenzene	11.061	95	102232	47.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	69130	51.263	ug/l	97
3) Chloromethane	1.301	50	89075	50.258	ug/l	99
4) Vinyl Chloride	1.380	62	89367	51.511	ug/l	97
5) Bromomethane	1.611	94	53070	48.239	ug/l	96
6) Chloroethane	1.691	64	58336	50.309	ug/l	100
7) Trichlorofluoromethane	1.892	101	126786	49.218	ug/l	98
8) Diethyl Ether	2.136	74	55446	52.617	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	71830	47.687	ug/l	97
10) Methyl Iodide	2.453	142	106017	45.130	ug/l	99
11) Tert butyl alcohol	2.947	59	61661	267.086	ug/l	99
12) 1,1-Dichloroethene	2.325	96	78307	50.611	ug/l	98
13) Acrolein	2.233	56	50065	235.327	ug/l	97
14) Allyl chloride	2.666	41	144337	45.207	ug/l	97
15) Acrylonitrile	3.056	53	249703	292.002	ug/l	98
16) Acetone	2.374	43	202854	225.067	ug/l	96
17) Carbon Disulfide	2.514	76	212464	50.160	ug/l	99
18) Methyl Acetate	2.697	43	95010	47.367	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	295264	52.276	ug/l	100
20) Methylene Chloride	2.788	84	99078	51.933	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	85725	51.462	ug/l	95
22) Diisopropyl ether	3.751	45	326980	52.843	ug/l	99
23) Vinyl Acetate	3.715	43	1048799	211.780	ug/l	100
24) 1,1-Dichloroethane	3.605	63	170110	51.724	ug/l	99
25) 2-Butanone	4.538	43	309509	275.299	ug/l	99
26) 2,2-Dichloropropane	4.465	77	65559	23.980	ug/l	94
27) cis-1,2-Dichloroethene	4.477	96	106732	52.318	ug/l	93
28) Bromochloromethane	4.885	49	74514	51.898	ug/l	98
29) Tetrahydrofuran	4.989	42	198456	293.430	ug/l	100
30) Chloroform	5.080	83	175569	52.828	ug/l	100
31) Cyclohexane	5.464	56	125386	45.775	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	142040	50.387	ug/l	99
36) 1,1-Dichloropropene	5.684	75	109852	46.270	ug/l	98
37) Ethyl Acetate	4.696	43	105537	41.517	ug/l	99
38) Carbon Tetrachloride	5.672	117	118519	45.946	ug/l	94
39) Methylcyclohexane	7.367	83	113139	41.981	ug/l	99
40) Benzene	6.025	78	362384	50.255	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047845.D
Acq On : 26 Sep 2025 09:07
Operator : JC/MD
Sample : Q3128-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Quant Time: Sep 26 22:51:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	70999	54.101	ug/l		100
42) 1,2-Dichloroethane	6.074	62	136462	49.737	ug/l		97
43) Isopropyl Acetate	6.324	43	190115	45.601	ug/l		98
44) Trichloroethene	7.111	130	87926	50.436	ug/l		95
45) 1,2-Dichloropropane	7.415	63	94712	51.294	ug/l		97
46) Dibromomethane	7.568	93	69973	52.077	ug/l		97
47) Bromodichloromethane	7.806	83	141698	51.105	ug/l		99
48) Methyl methacrylate	7.677	41	108538	52.265	ug/l		97
49) 1,4-Dioxane	7.647	88	27985	1333.443	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	654858	283.300	ug/l		100
52) Toluene	8.702	92	224531	50.540	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	130150	46.019	ug/l		98
54) cis-1,3-Dichloropropene	8.354	75	136755	45.240	ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	92719	54.125	ug/l		97
56) Ethyl methacrylate	9.104	69	144795	53.821	ug/l		96
57) 1,3-Dichloropropane	9.293	76	158722	53.937	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.159	63	174	8.028	ug/l	#	47
59) 2-Hexanone	9.415	43	457947	275.847	ug/l		99
60) Dibromochloromethane	9.506	129	105945	53.675	ug/l		99
61) 1,2-Dibromoethane	9.592	107	96675	55.407	ug/l		100
64) Tetrachloroethene	9.263	164	67312	45.519	ug/l		95
65) Chlorobenzene	10.061	112	250125	48.536	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.147	131	88489	49.761	ug/l		99
67) Ethyl Benzene	10.177	91	423798	47.662	ug/l		99
68) m/p-Xylenes	10.287	106	321837	97.244	ug/l		98
69) o-Xylene	10.628	106	156719	48.957	ug/l		98
70) Styrene	10.640	104	271926	48.480	ug/l		99
71) Bromoform	10.781	173	67682	50.972	ug/l	#	99
73) Isopropylbenzene	10.945	105	390233	45.559	ug/l		99
74) N-amyl acetate	10.829	43	150836	38.617	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	133696	51.590	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	138333	60.643	ug/l		89
77) Bromobenzene	11.183	156	101534	48.129	ug/l		97
78) n-propylbenzene	11.287	91	461969	45.624	ug/l		99
79) 2-Chlorotoluene	11.348	91	286705	46.230	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	321780	45.725	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	31497	35.212	ug/l		98
82) 4-Chlorotoluene	11.439	91	337335	46.056	ug/l		99
83) tert-Butylbenzene	11.695	119	332310	46.129	ug/l		97
84) 1,2,4-Trimethylbenzene	11.732	105	331594	46.476	ug/l		100
85) sec-Butylbenzene	11.872	105	386510	45.170	ug/l		100
86) p-Isopropyltoluene	11.994	119	325012	44.865	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	184756	47.150	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	185514	46.129	ug/l		99
89) n-Butylbenzene	12.317	91	293775	43.827	ug/l		99
90) Hexachloroethane	12.518	117	58750	46.192	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	180250	48.284	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26557	50.616	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	112364	46.313	ug/l		99
94) Hexachlorobutadiene	13.707	225	34498	41.861	ug/l		99
95) Naphthalene	13.756	128	370629	50.167	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	107581	47.668	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047845.D
Acq On : 26 Sep 2025 09:07
Operator : JC/MD
Sample : Q3128-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Quant Time: Sep 26 22:51:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

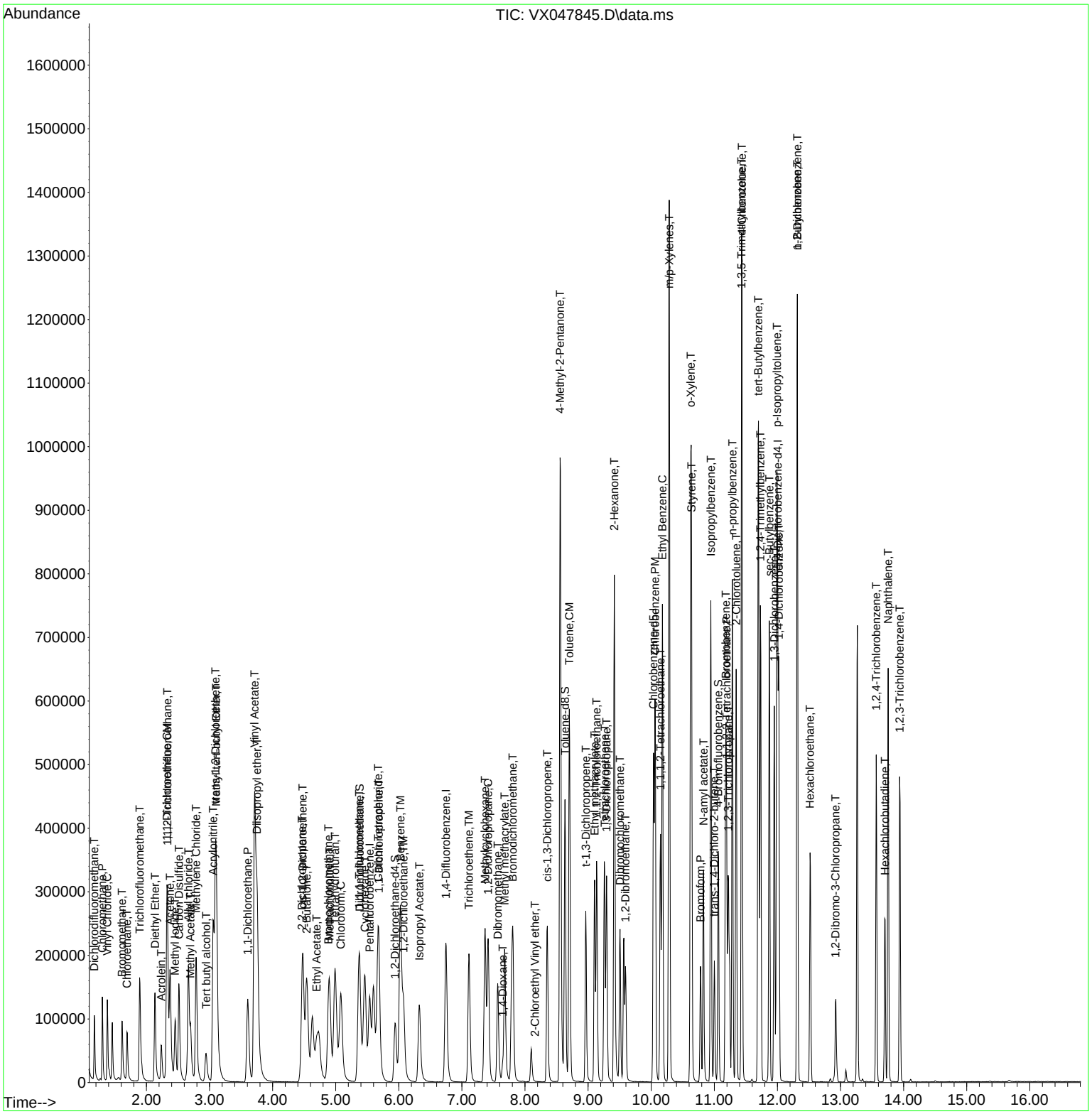
(#) = qualifier out of range (m) = manual integration (+) = signals summed

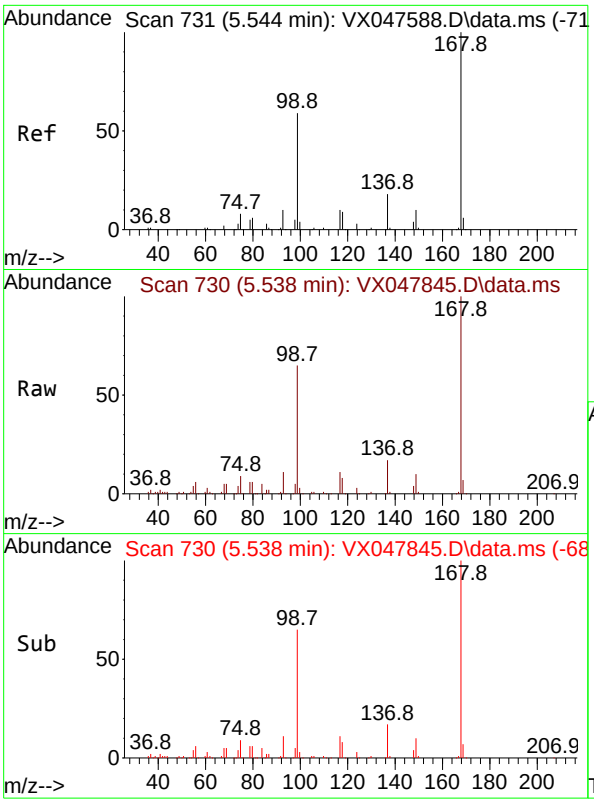
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047845.D
Acq On : 26 Sep 2025 09:07
Operator : JC/MD
Sample : Q3128-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Quant Time: Sep 26 22:51:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



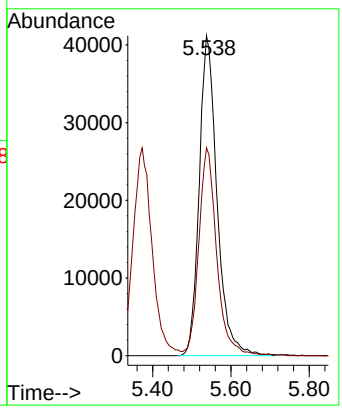


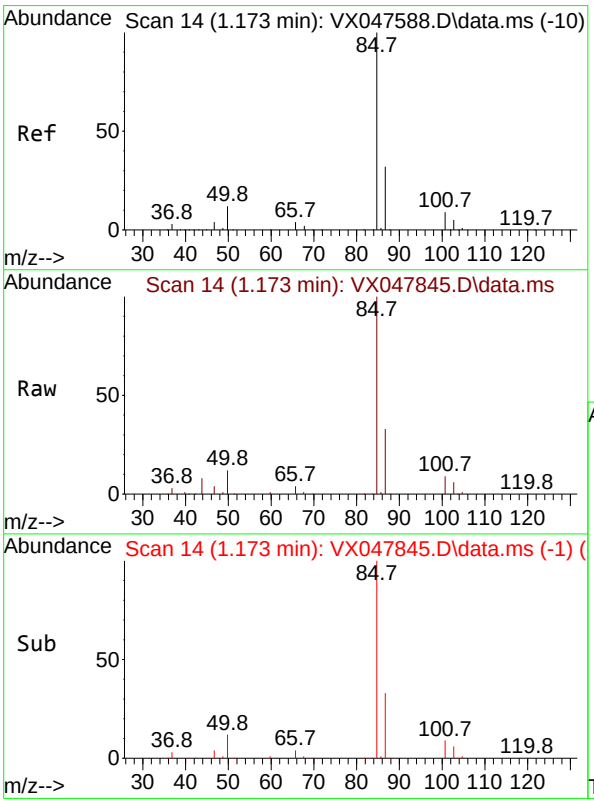
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:168 Resp: 130228

Ion	Ratio	Lower	Upper
168	100		
99	64.7	48.8	73.2

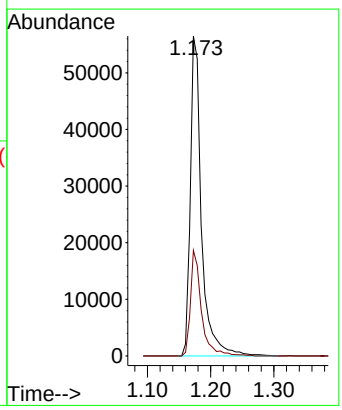


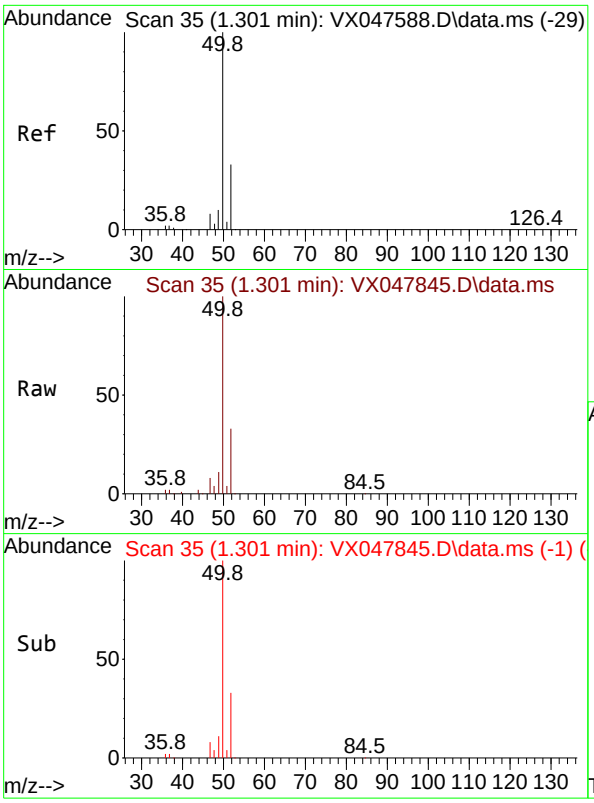


#2
Dichlorodifluoromethane
Concen: 51.263 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 85 Resp: 69130

Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.8	47.3



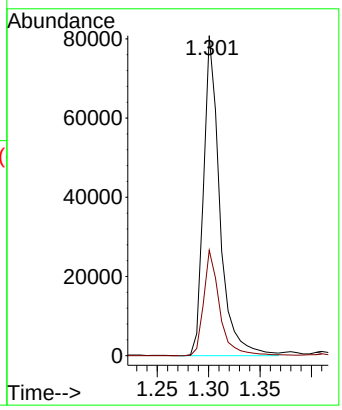


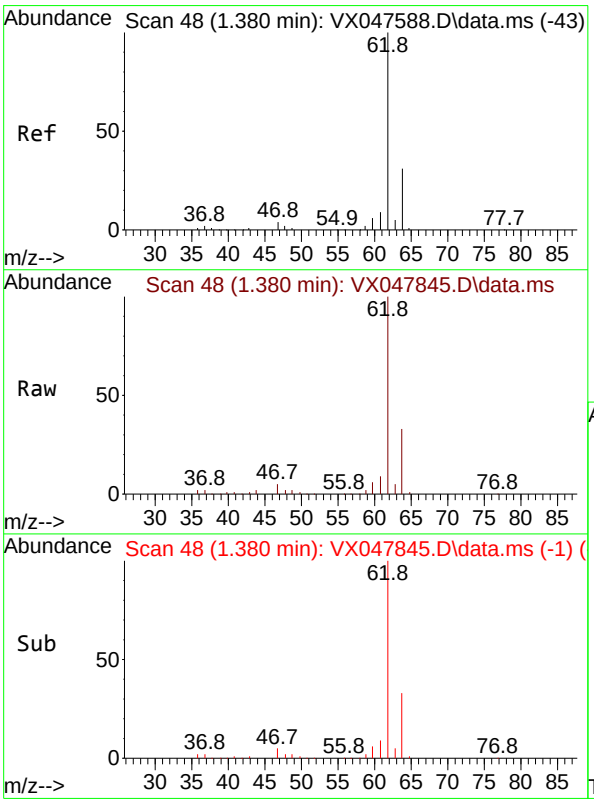
#3
Chloromethane
Concen: 50.258 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 50 Resp: 89075

Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.1	39.1

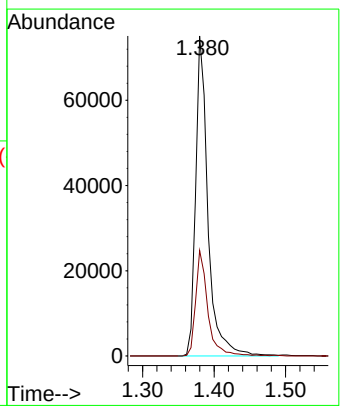


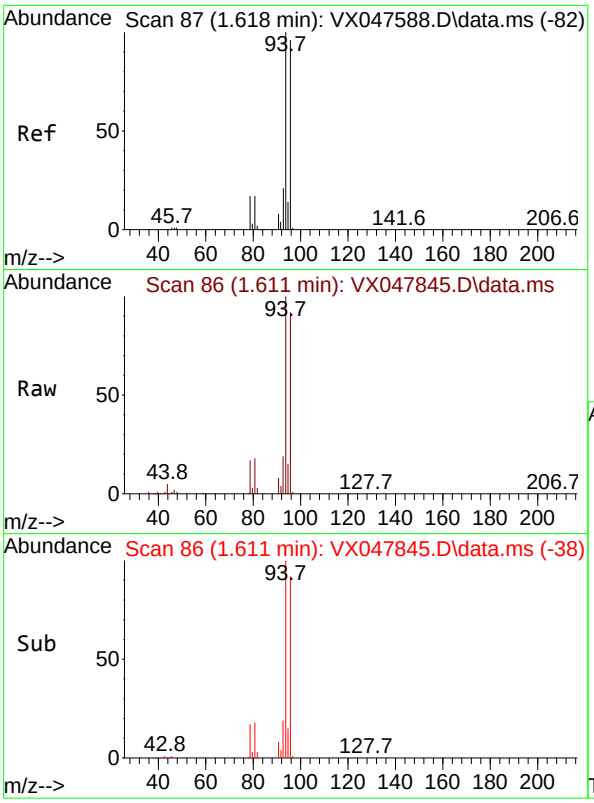


#4
Vinyl Chloride
Concen: 51.511 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 62 Resp: 89367

Ion	Ratio	Lower	Upper
62	100		
64	33.0	24.9	37.3



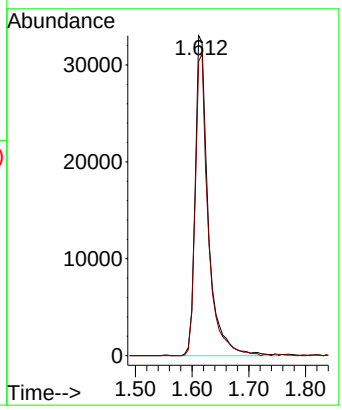


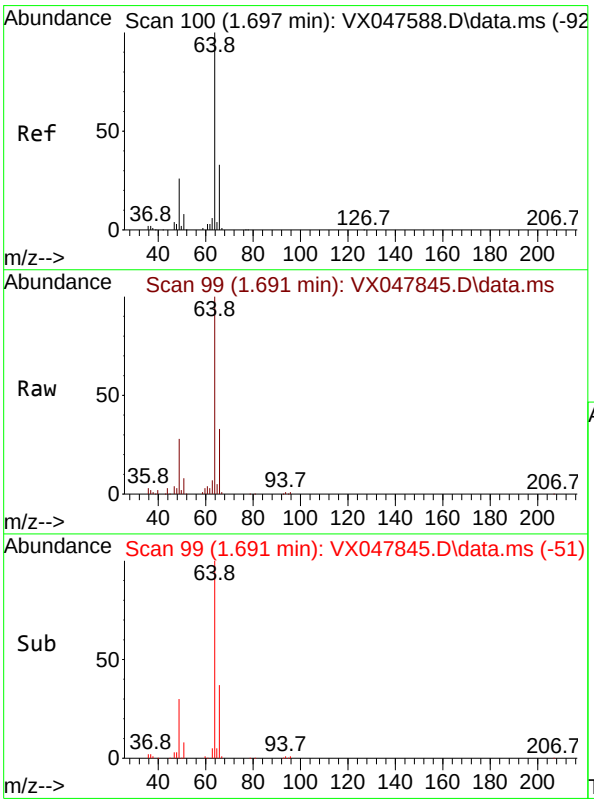
#5
Bromomethane
Concen: 48.239 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 94 Resp: 53070

Ion	Ratio	Lower	Upper
94	100		
96	91.9	76.6	115.0

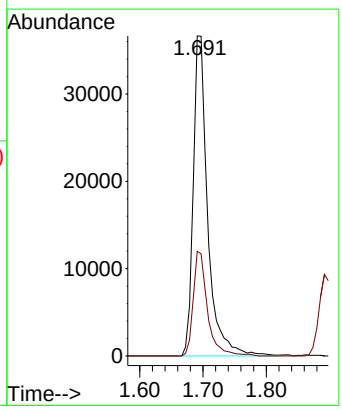


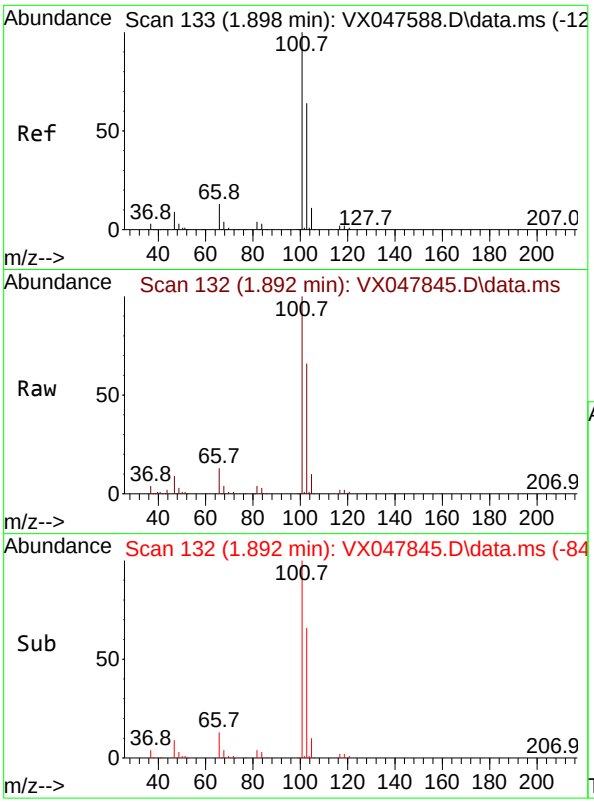


#6
Chloroethane
Concen: 50.309 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 64 Resp: 58336

Ion	Ratio	Lower	Upper
64	100		
66	32.7	26.1	39.1



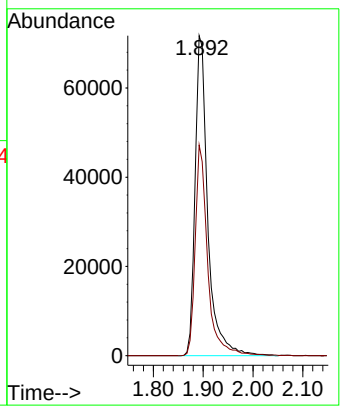


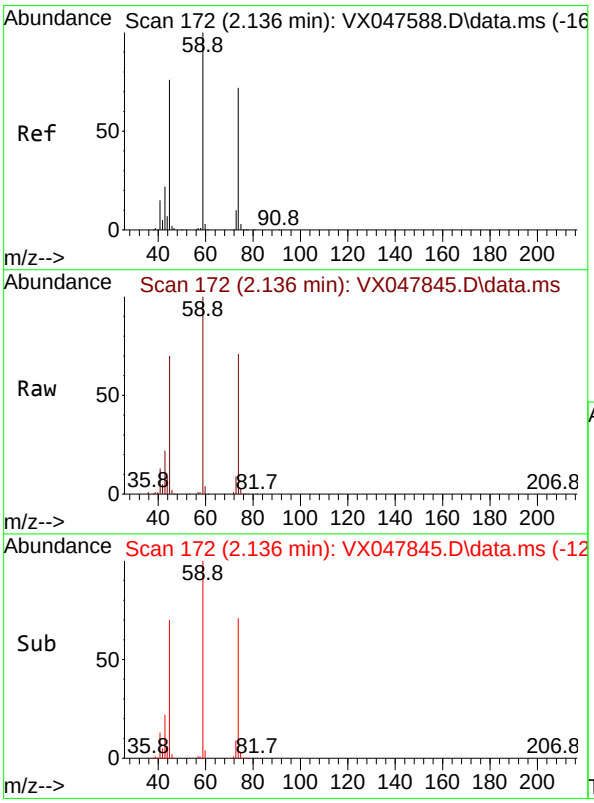
#7
Trichlorofluoromethane
Concen: 49.218 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:101 Resp: 126786

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.4	77.2

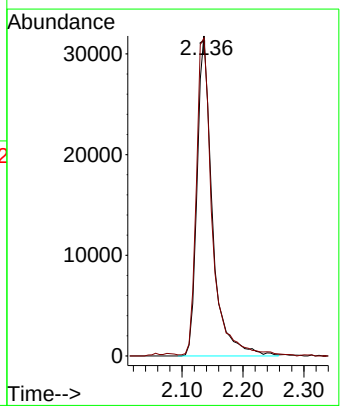


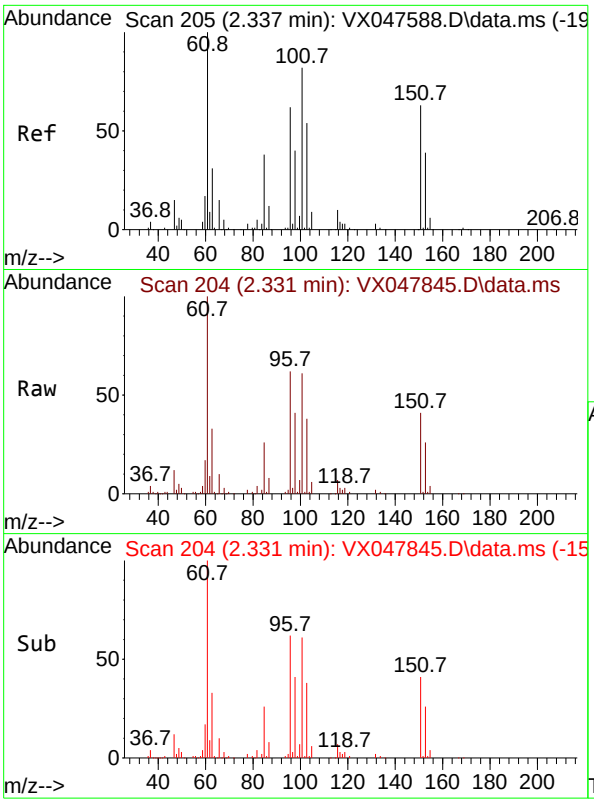


#8
Diethyl Ether
Concen: 52.617 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 74 Resp: 55446

Ion	Ratio	Lower	Upper
74	100		
45	104.1	52.3	156.8



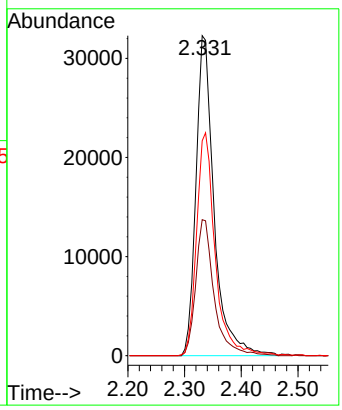


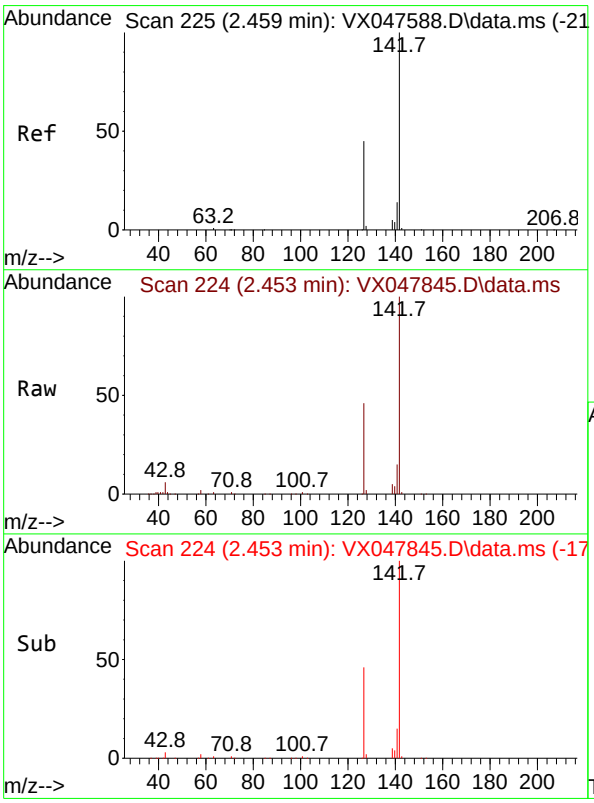
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.687 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:101 Resp: 71830

Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.5	53.3
151	71.7	59.4	89.0

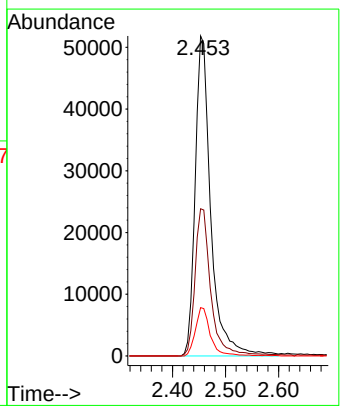


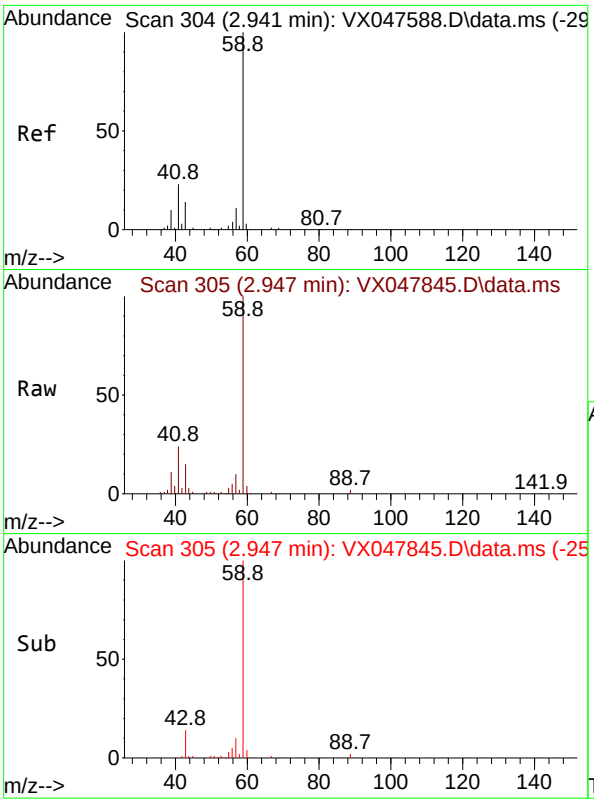


#10
Methyl Iodide
Concen: 45.130 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:142 Resp: 106017

Ion	Ratio	Lower	Upper
142	100		
127	46.8	37.2	55.8
141	14.4	11.4	17.0



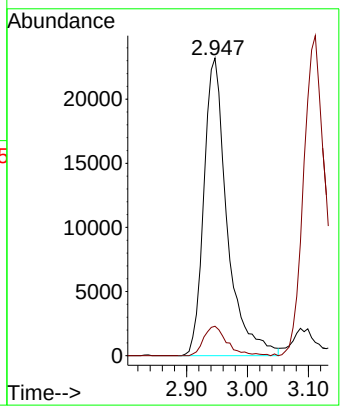


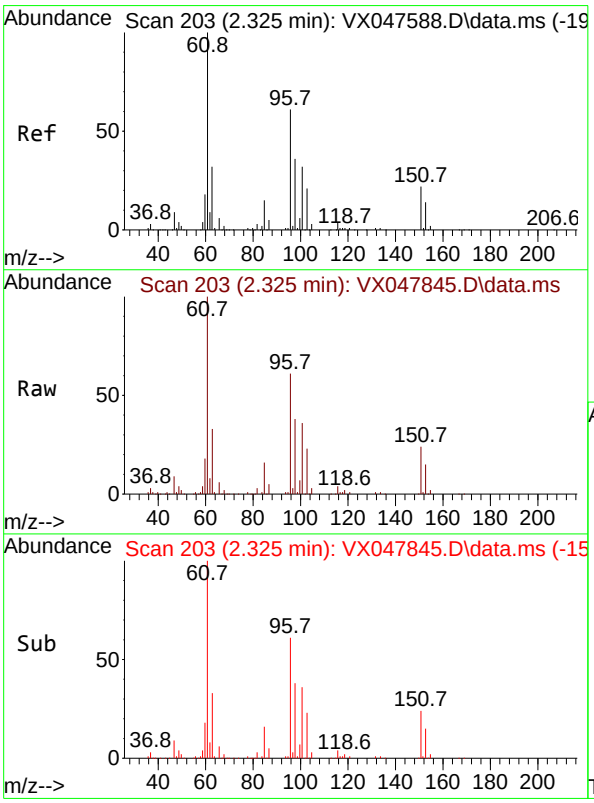
#11
Tert butyl alcohol
Concen: 267.086 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 59 Resp: 61661

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

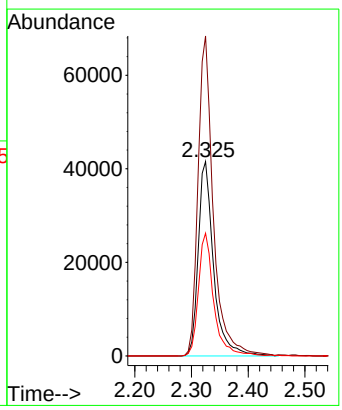


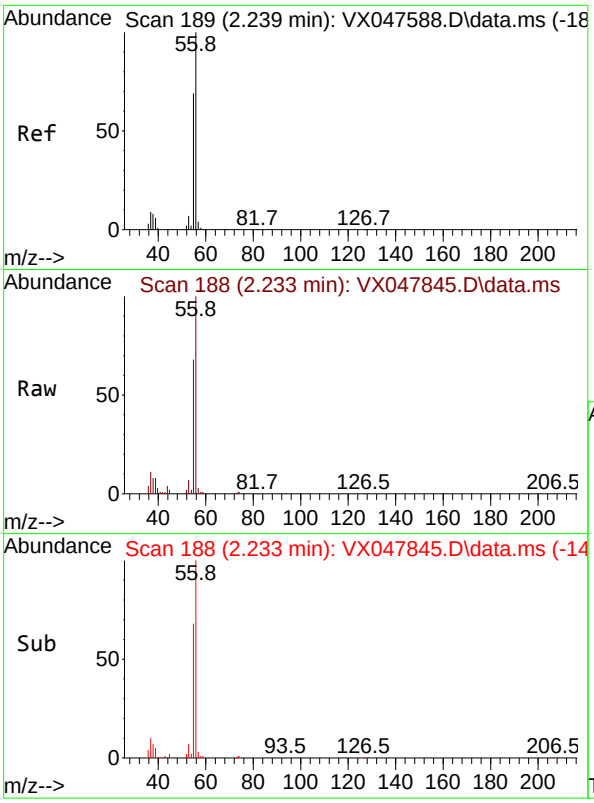


#12
1,1-Dichloroethene
Concen: 50.611 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 96 Resp: 78307

Ion	Ratio	Lower	Upper
96	100		
61	164.6	131.0	196.6
98	63.1	47.7	71.5



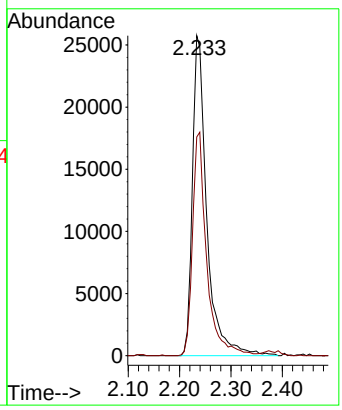


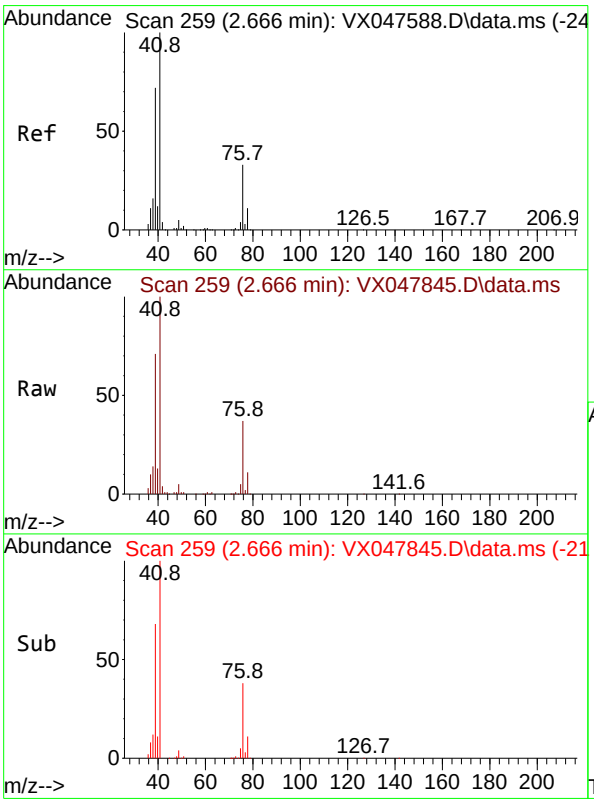
#13
Acrolein
Concen: 235.327 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 56 Resp: 50065

Ion	Ratio	Lower	Upper
56	100		
55	68.8	57.2	85.8

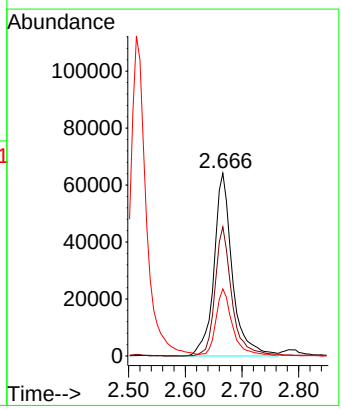


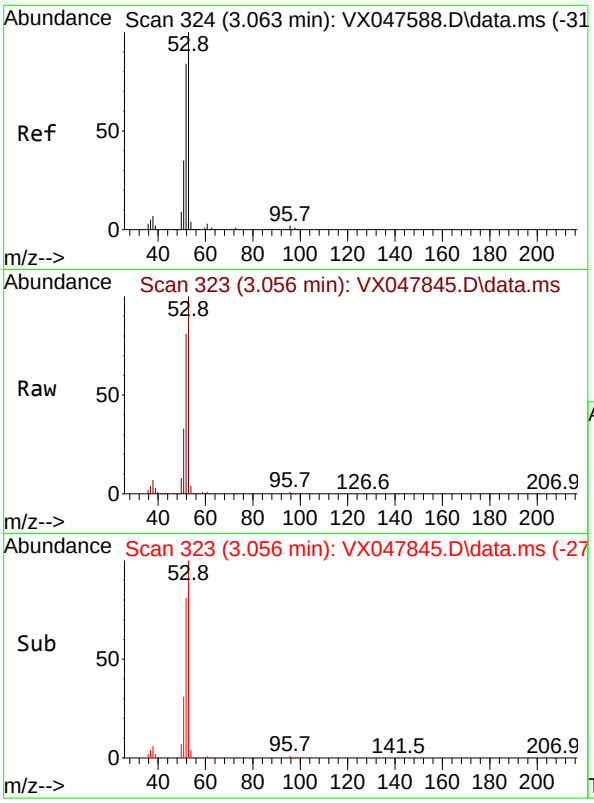


#14
Allyl chloride
Concen: 45.207 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 41 Resp: 144337

Ion	Ratio	Lower	Upper
41	100		
39	65.3	54.7	82.1
76	33.2	25.7	38.5



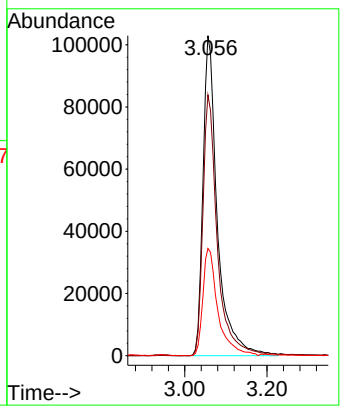


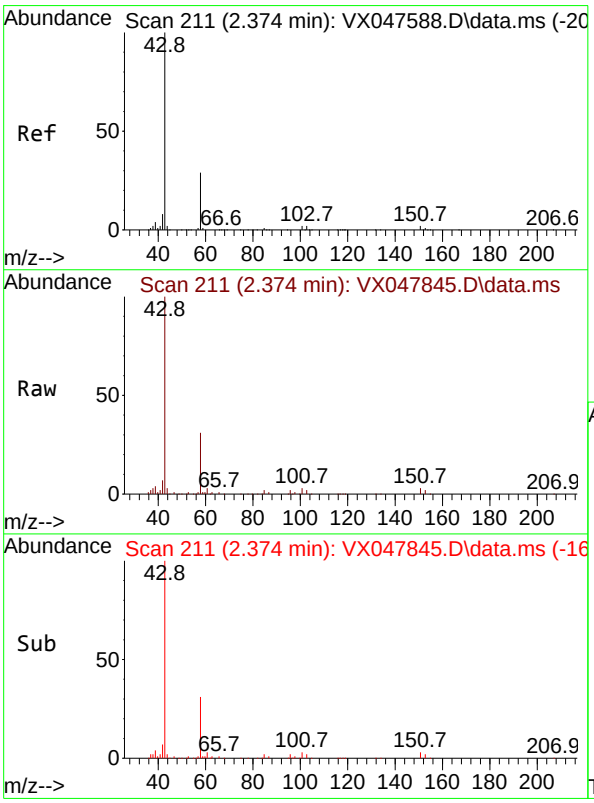
#15
Acrylonitrile
Concen: 292.002 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 53 Resp: 249703

Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.4	99.6
51	35.2	29.5	44.3

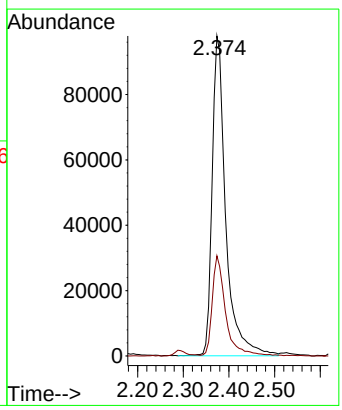


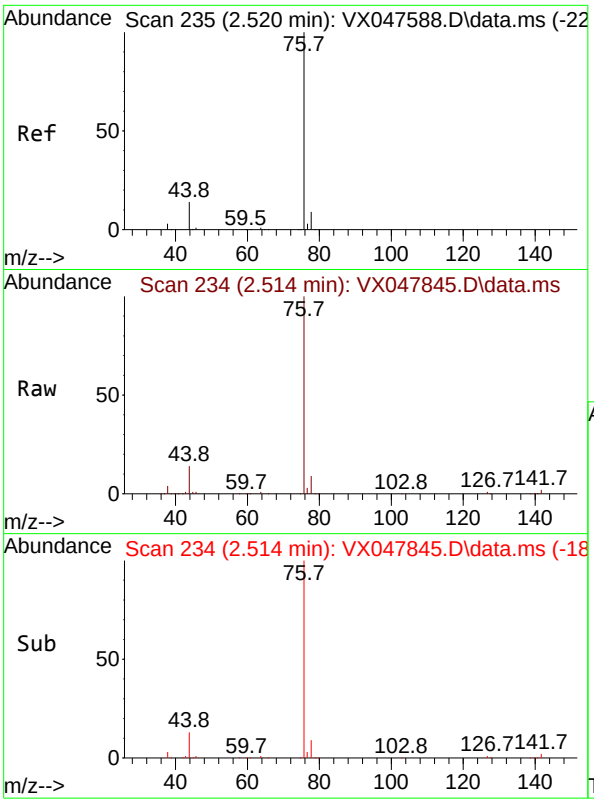


#16
Acetone
Concen: 225.067 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 43 Resp: 202854

Ion	Ratio	Lower	Upper
43	100		
58	31.3	23.4	35.0



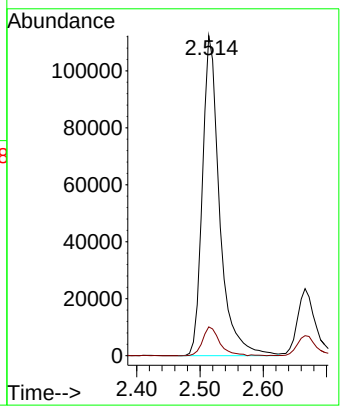


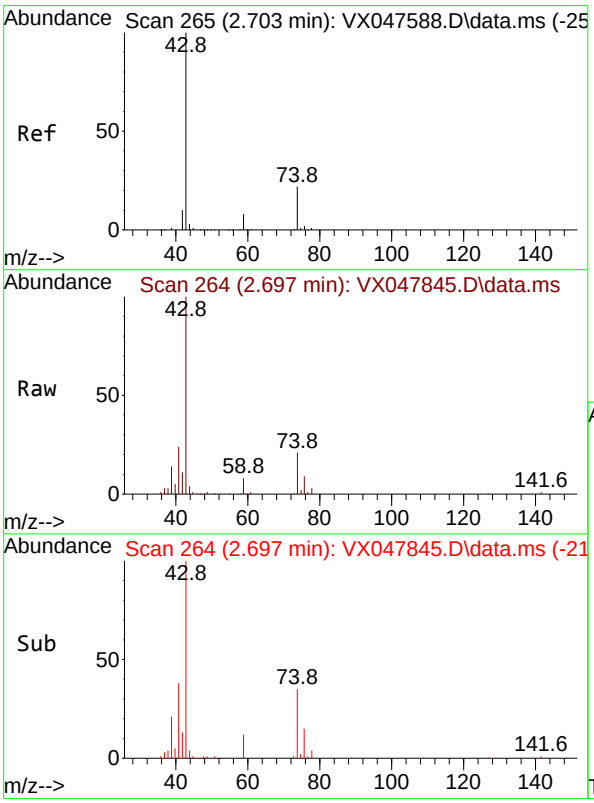
#17
Carbon Disulfide
Concen: 50.160 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 76 Resp: 212464

Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.8	10.2

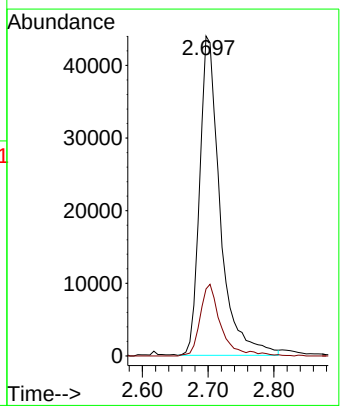


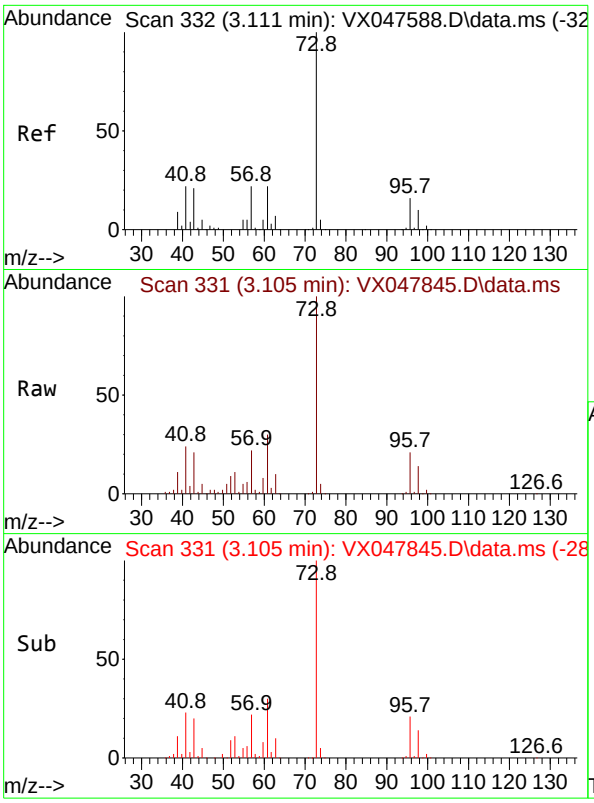


#18
Methyl Acetate
Concen: 47.367 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 43 Resp: 95010

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.4	26.2



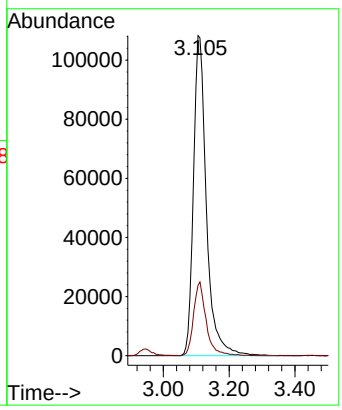


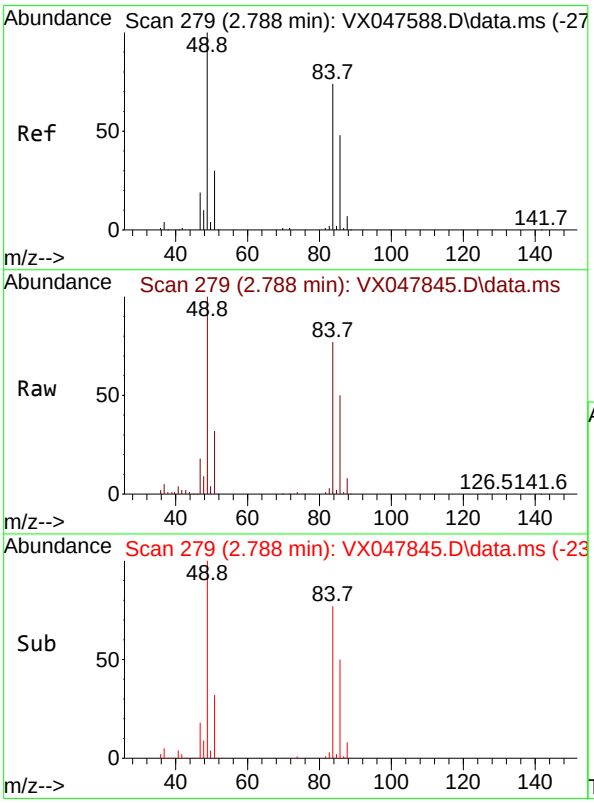
#19
Methyl tert-butyl Ether
Concen: 52.276 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 73 Resp: 295264

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.4	26.2

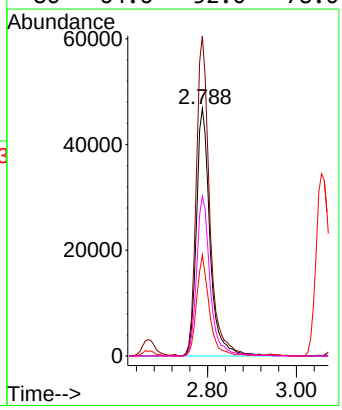


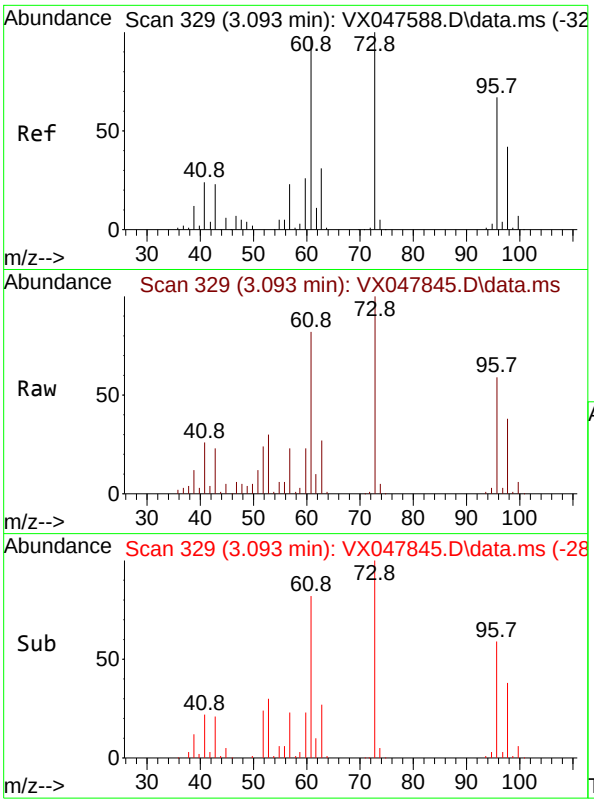


#20
Methylene Chloride
Concen: 51.933 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 84 Resp: 99078

Ion	Ratio	Lower	Upper
84	100		
49	129.2	108.6	162.8
51	40.8	32.6	48.8
86	64.6	52.0	78.0



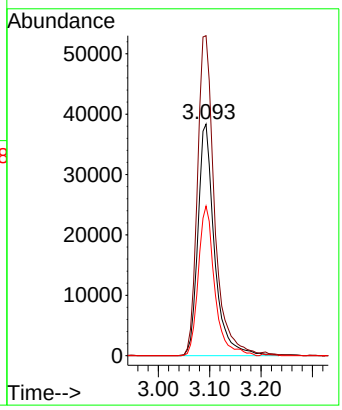


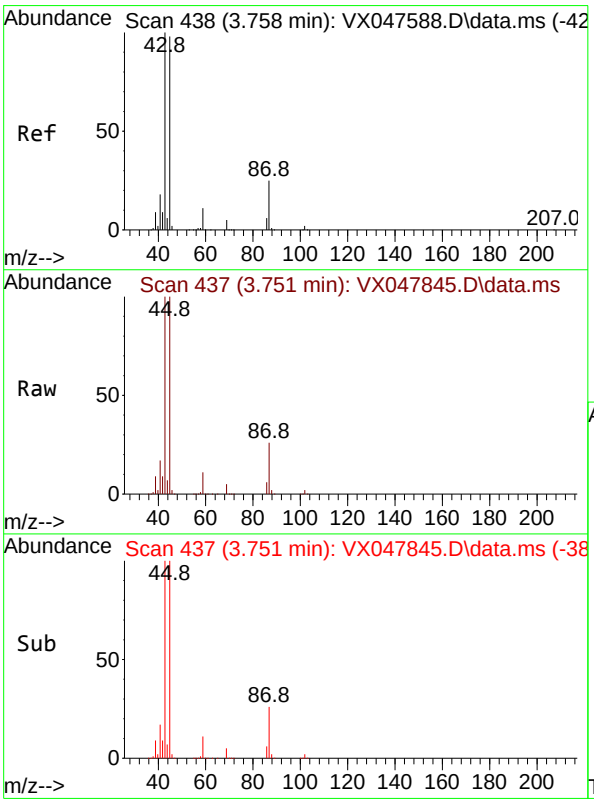
#21
trans-1,2-Dichloroethene
Concen: 51.462 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 96 Resp: 85725

Ion	Ratio	Lower	Upper
96	100		
61	138.2	116.2	174.2
98	64.6	49.3	73.9

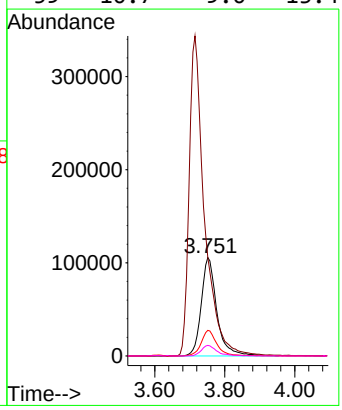


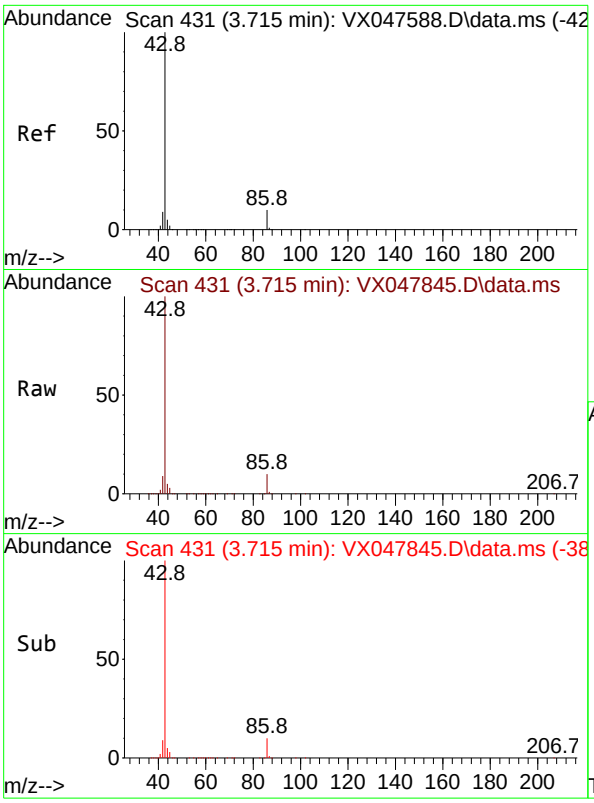


#22
Diisopropyl ether
Concen: 52.843 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 45 Resp: 326980

Ion	Ratio	Lower	Upper
45	100		
43	100.0	81.0	121.4
87	26.0	20.3	30.5
59	10.7	9.0	13.4



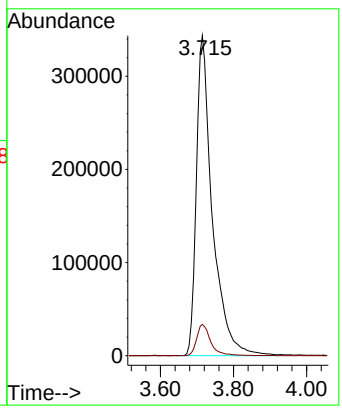


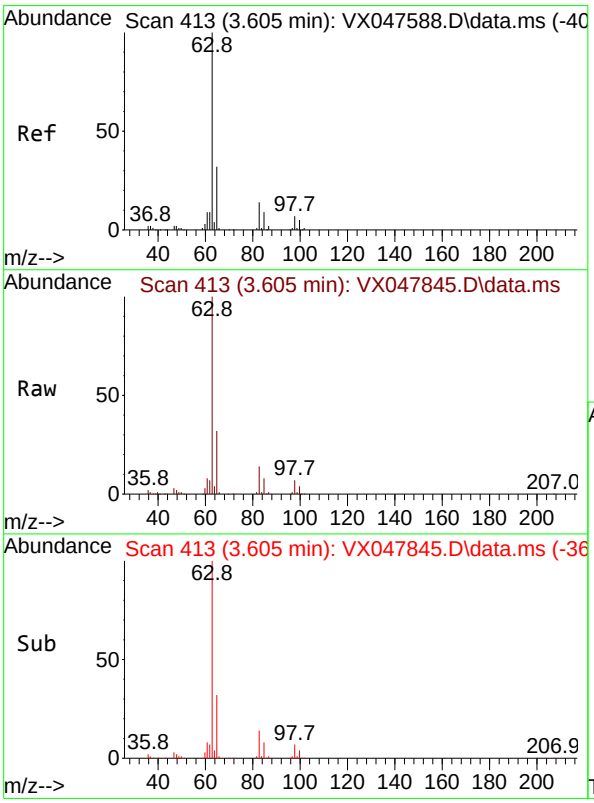
#23
Vinyl Acetate
Concen: 211.780 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 43 Resp: 1048799

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

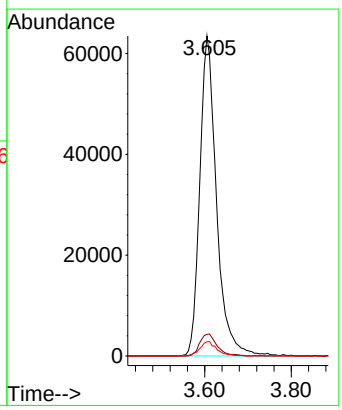


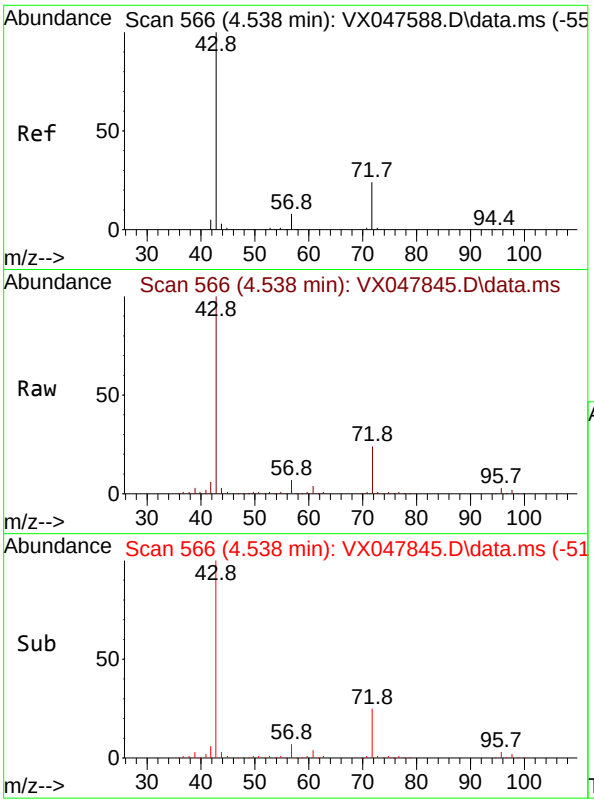


#24
1,1-Dichloroethane
Concen: 51.724 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 63 Resp: 170110

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.7	2.3	6.9



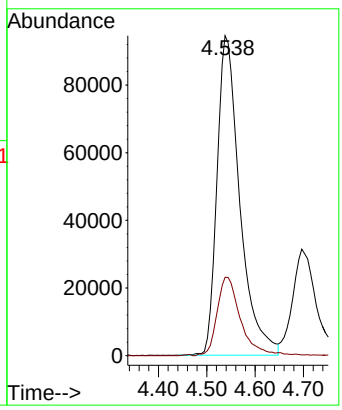


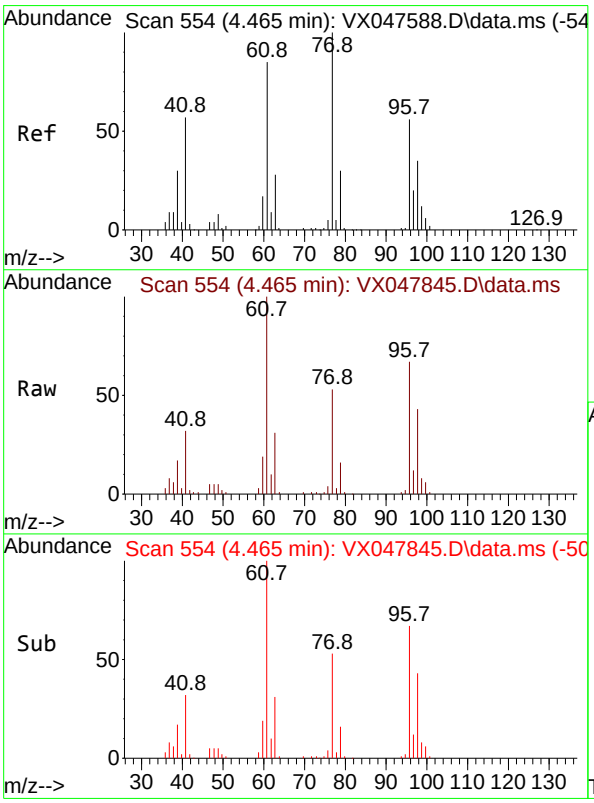
#25
2-Butanone
Concen: 275.299 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 43 Resp: 309509

Ion	Ratio	Lower	Upper
43	100		
72	24.5	20.1	30.1

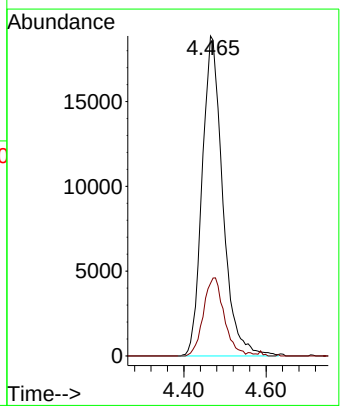


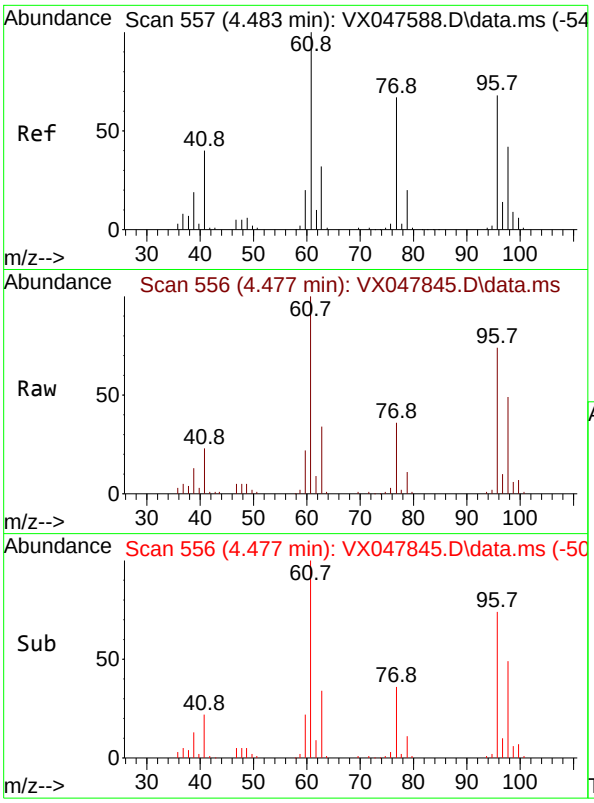


#26
2,2-Dichloropropane
Concen: 23.980 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 77 Resp: 65559

Ion	Ratio	Lower	Upper
77	100		
97	24.8	10.9	32.7



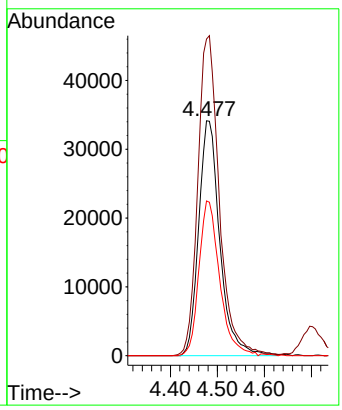


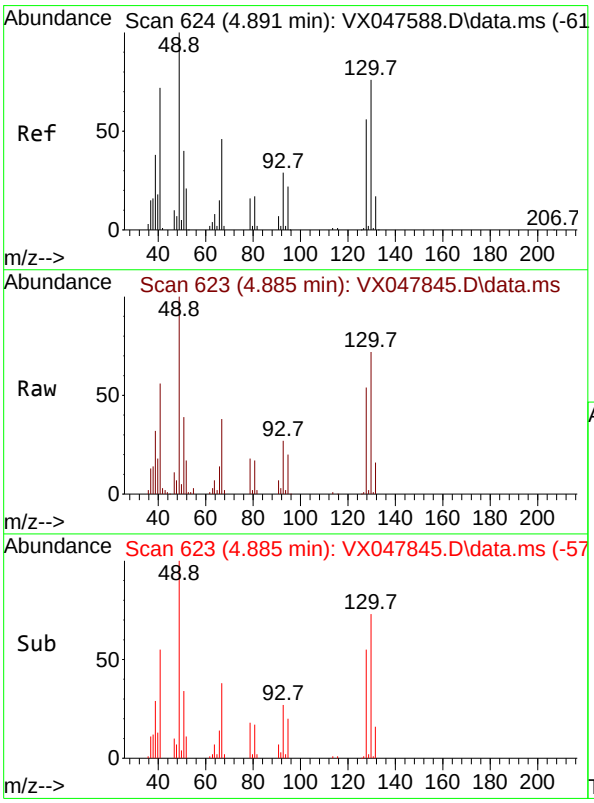
#27
cis-1,2-Dichloroethene
Concen: 52.318 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 96 Resp: 106732

Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	303.2
98	64.6	0.0	127.8

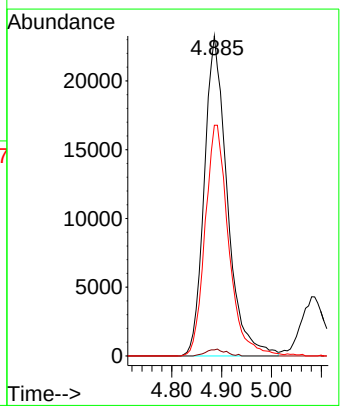


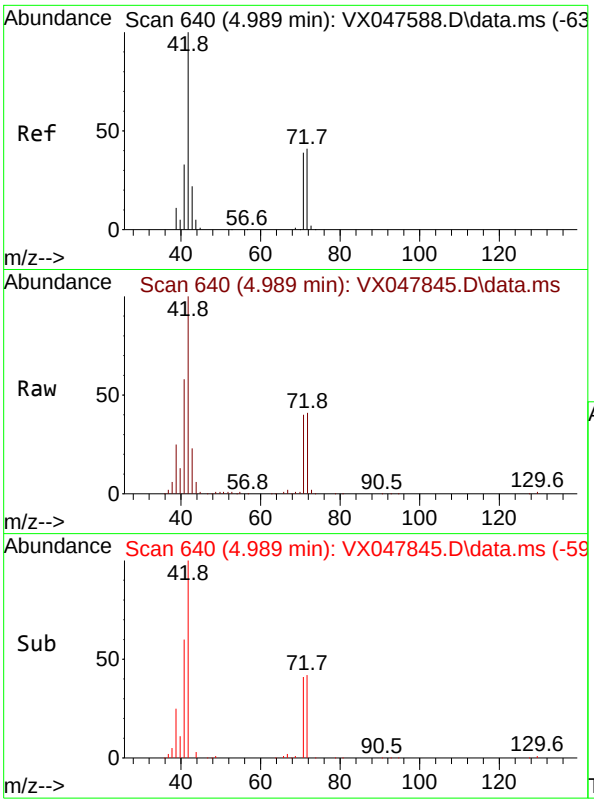


#28
Bromochloromethane
Concen: 51.898 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 49 Resp: 74514

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	73.9	57.8	86.8



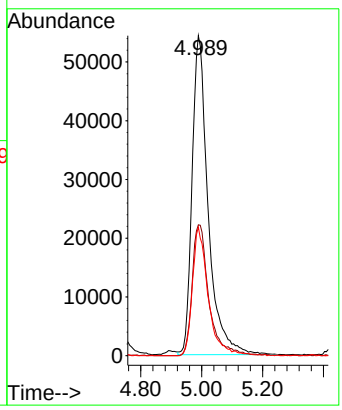


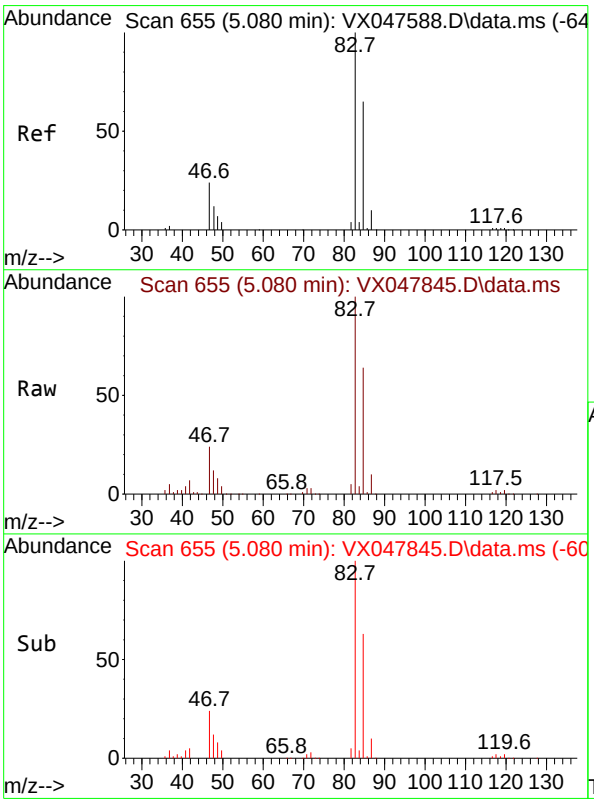
#29
Tetrahydrofuran
Concen: 293.430 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 42 Resp: 198456

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	39.7	31.9	47.9

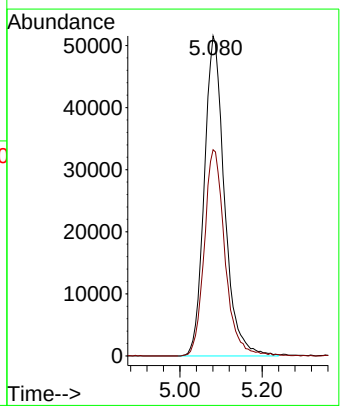


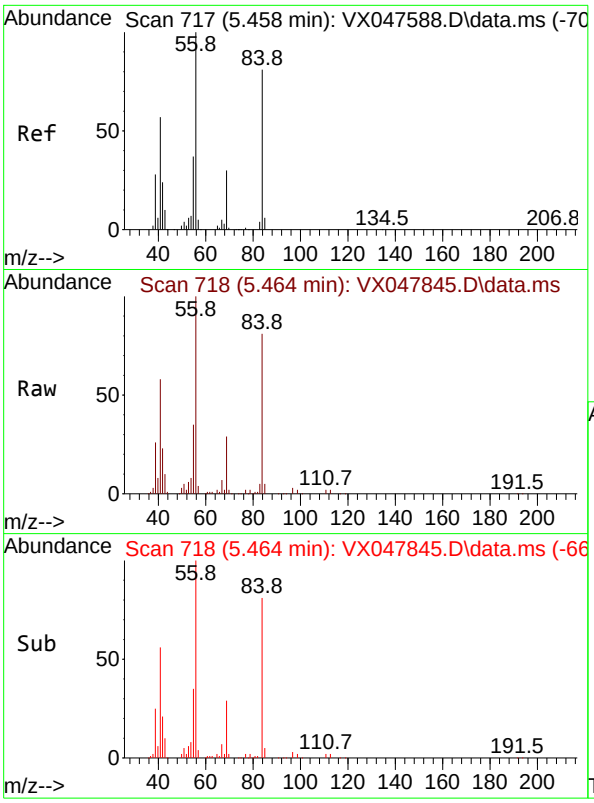


#30
Chloroform
Concen: 52.828 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 83 Resp: 175569

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.6



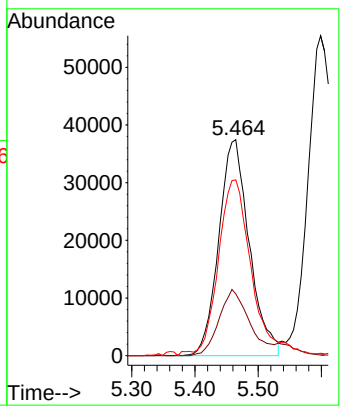


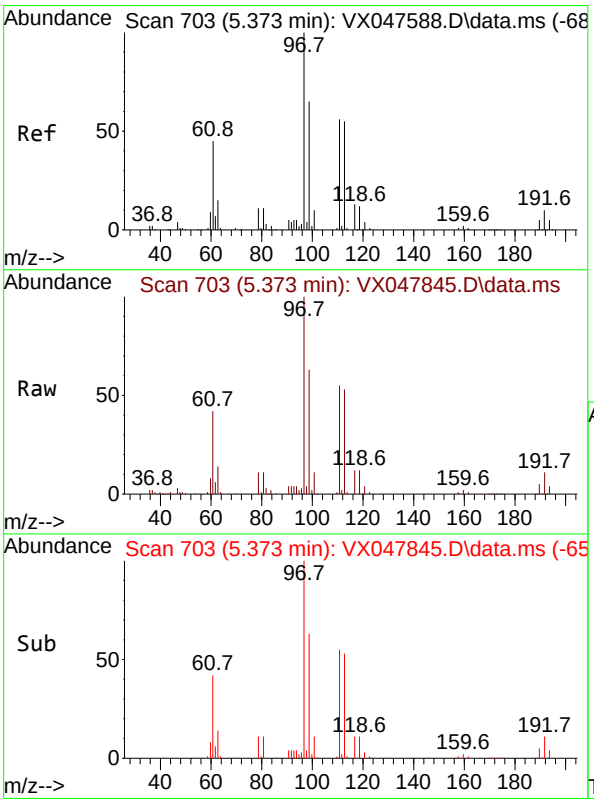
#31
Cyclohexane
Concen: 45.775 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 56 Resp: 125386

Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.8	35.8
84	81.4	64.6	97.0

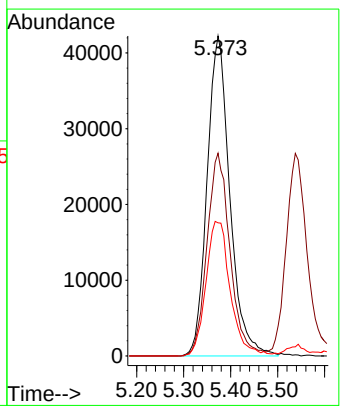


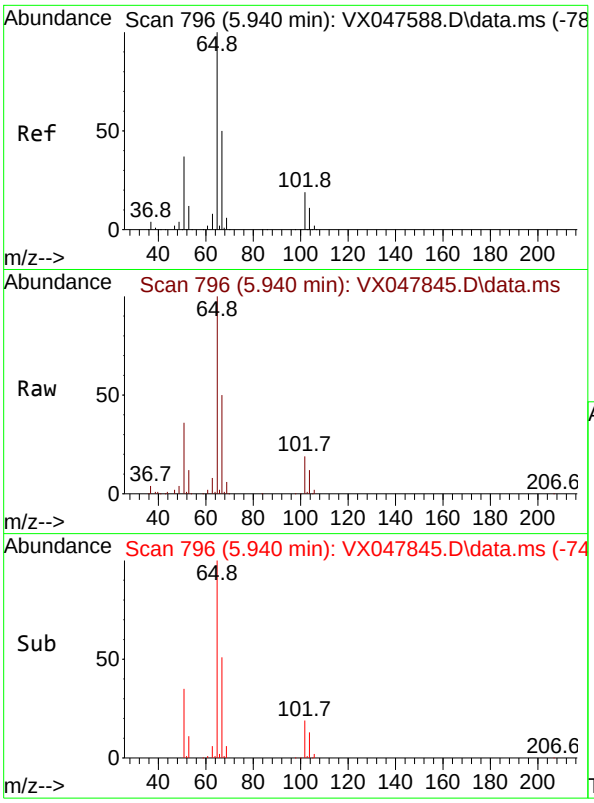


#32
1,1,1-Trichloroethane
Concen: 50.387 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 97 Resp: 142040

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.6	76.0
61	45.0	35.8	53.8



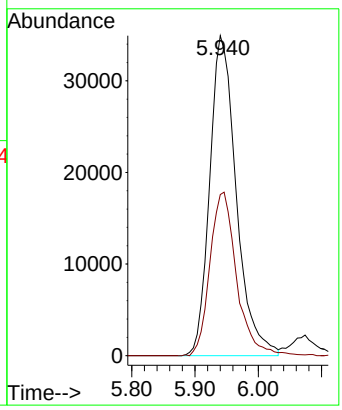


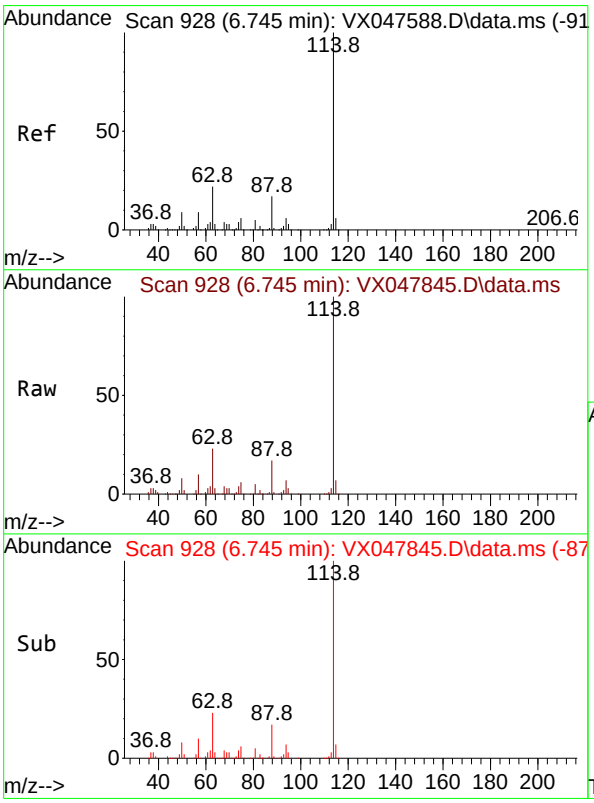
#33
1,2-Dichloroethane-d4
Concen: 49.141 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 65 Resp: 101864

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0

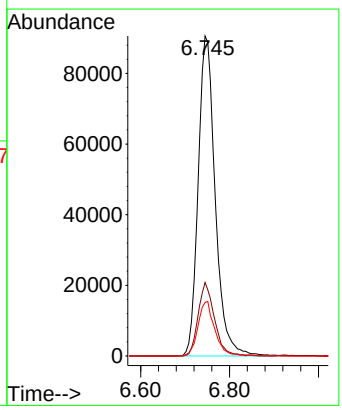


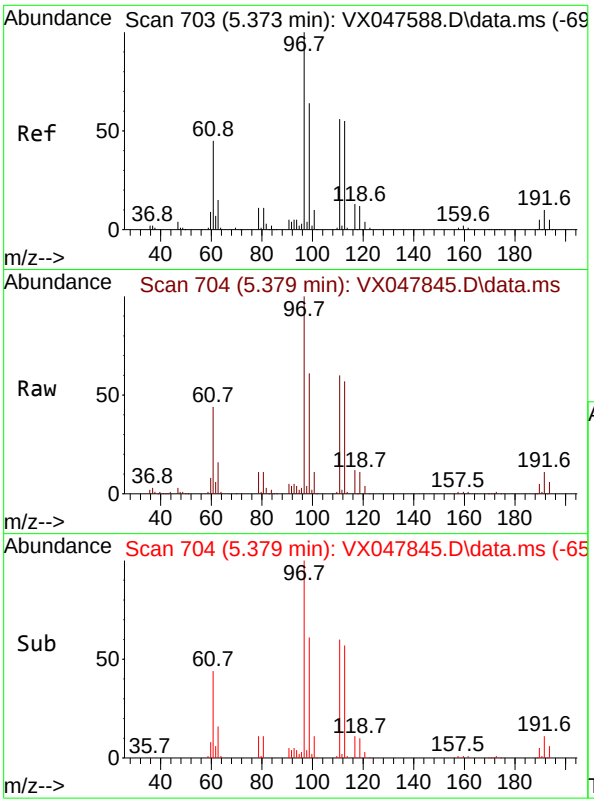


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:114 Resp: 242264

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.0
88	16.7	0.0	34.2



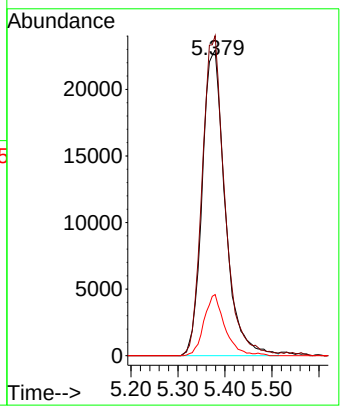


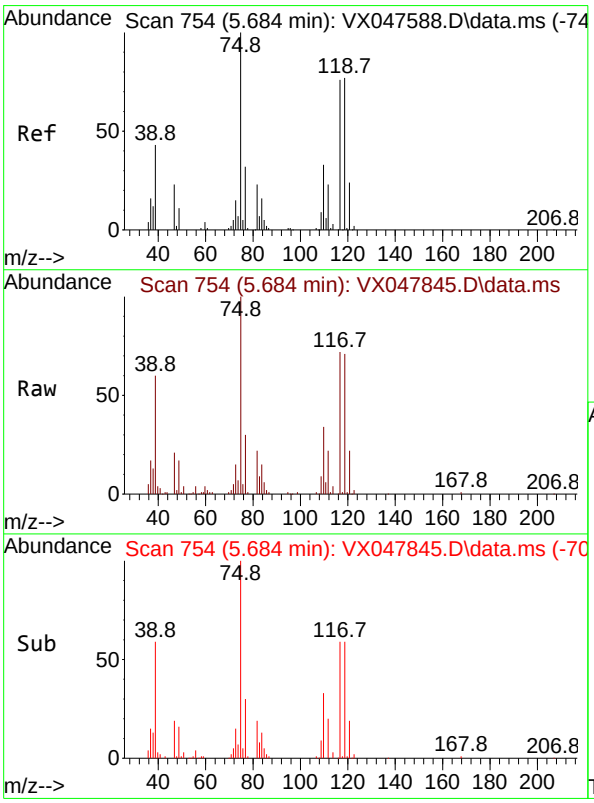
#35
Dibromofluoromethane
Concen: 47.890 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:113 Resp: 77809

Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.9	121.3
192	18.1	14.2	21.4

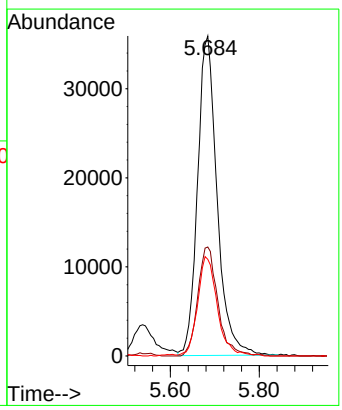


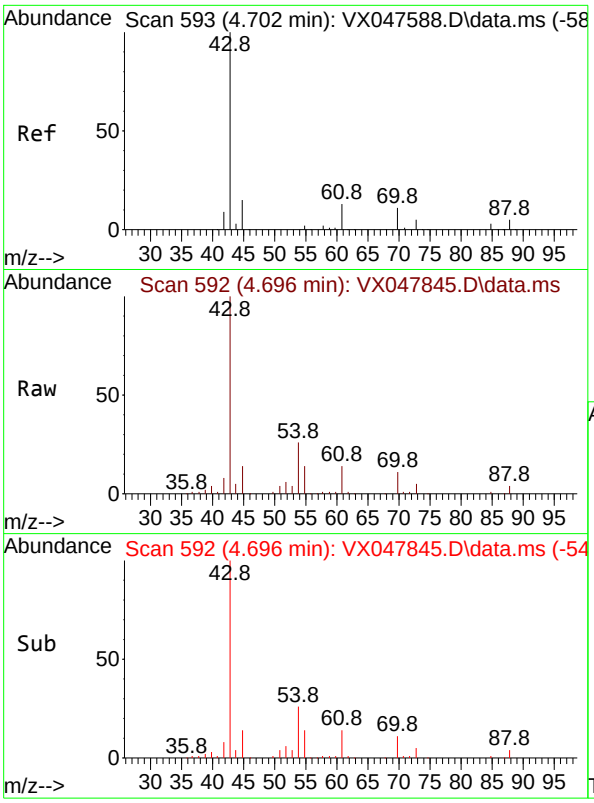


#36
1,1-Dichloropropene
Concen: 46.270 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 75 Resp: 109852

Ion	Ratio	Lower	Upper
75	100		
110	35.1	16.7	50.1
77	30.5	24.3	36.5



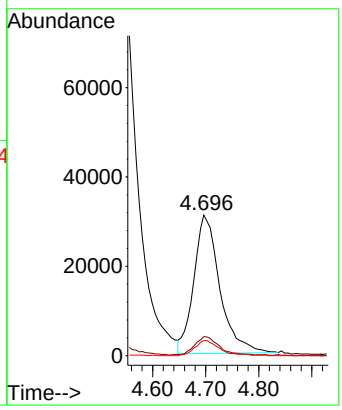


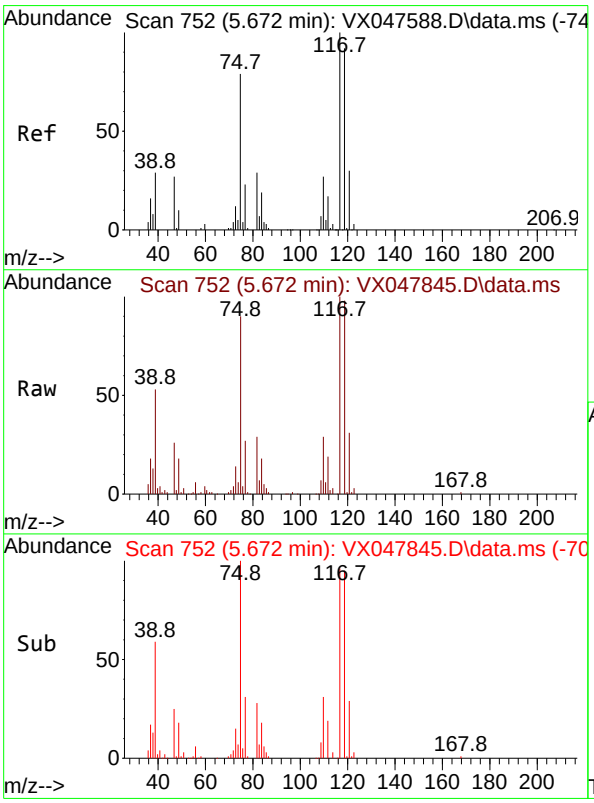
#37
Ethyl Acetate
Concen: 41.517 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 43 Resp: 105537

Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.8	14.8
70	10.3	7.9	11.9

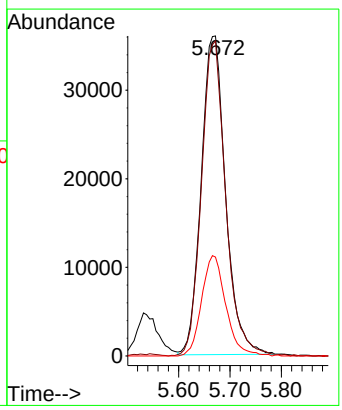


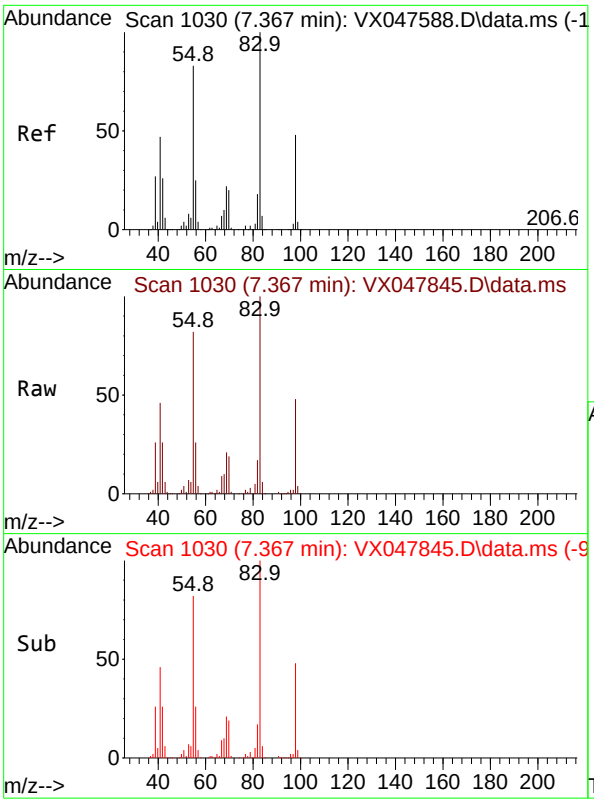


#38
Carbon Tetrachloride
Concen: 45.946 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:117 Resp: 118519

Ion	Ratio	Lower	Upper
117	100		
119	98.5	73.4	110.2
121	31.1	23.8	35.6



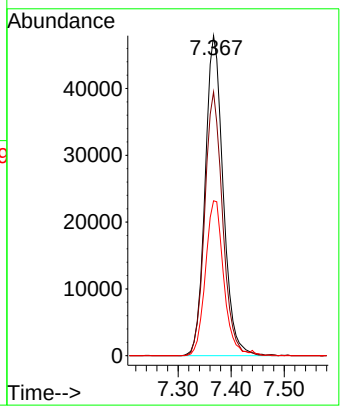


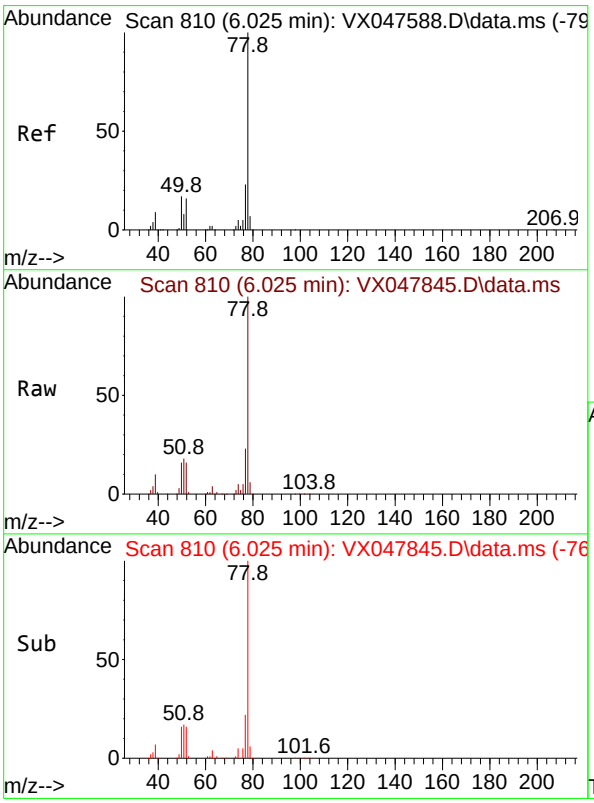
#39
Methylcyclohexane
Concen: 41.981 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 83 Resp: 113139

Ion	Ratio	Lower	Upper
83	100		
55	82.4	66.4	99.6
98	48.4	38.1	57.1

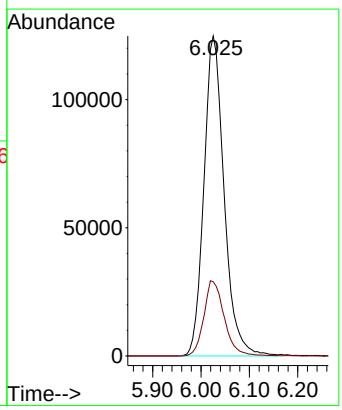


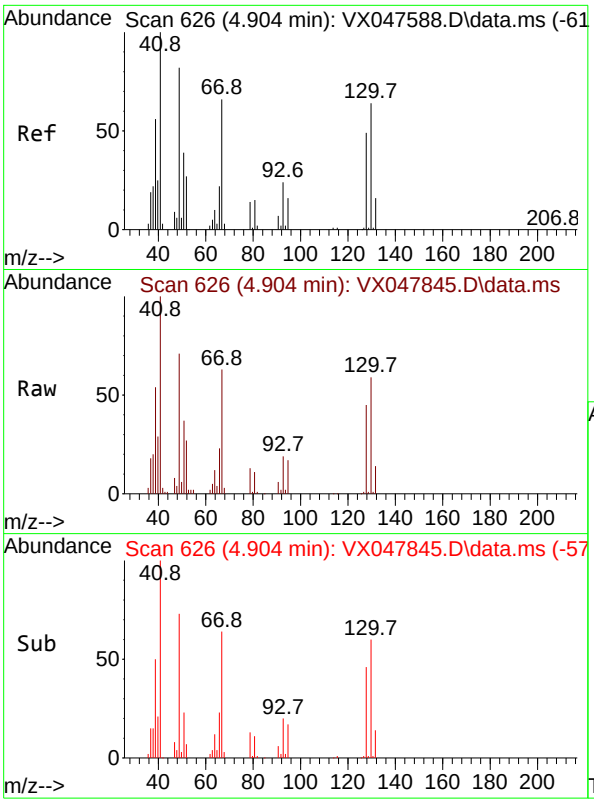


#40
Benzene
Concen: 50.255 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 78 Resp: 362384

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2



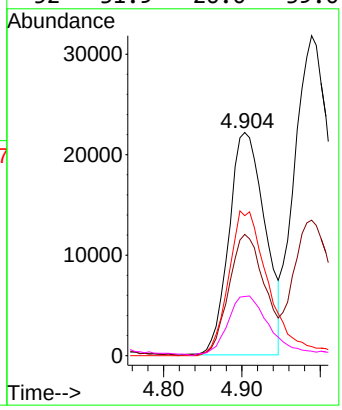


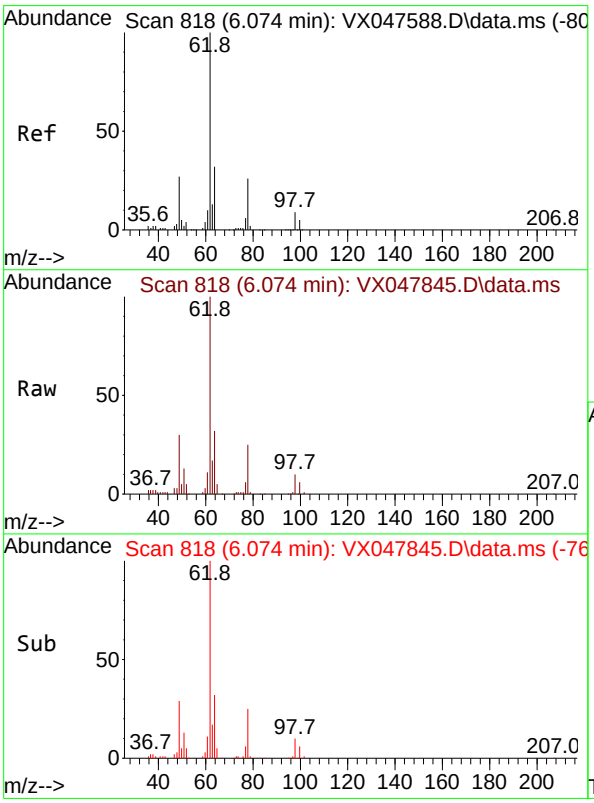
#41
Methacrylonitrile
Concen: 54.101 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 41 Resp: 70999

Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.3	64.9
67	73.4	58.6	87.8
52	31.9	26.0	39.0

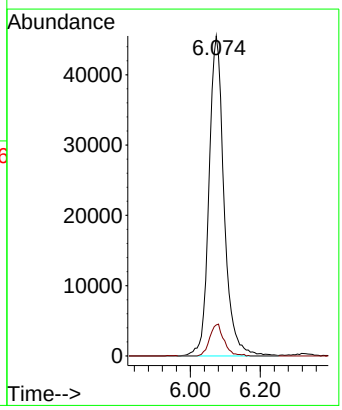


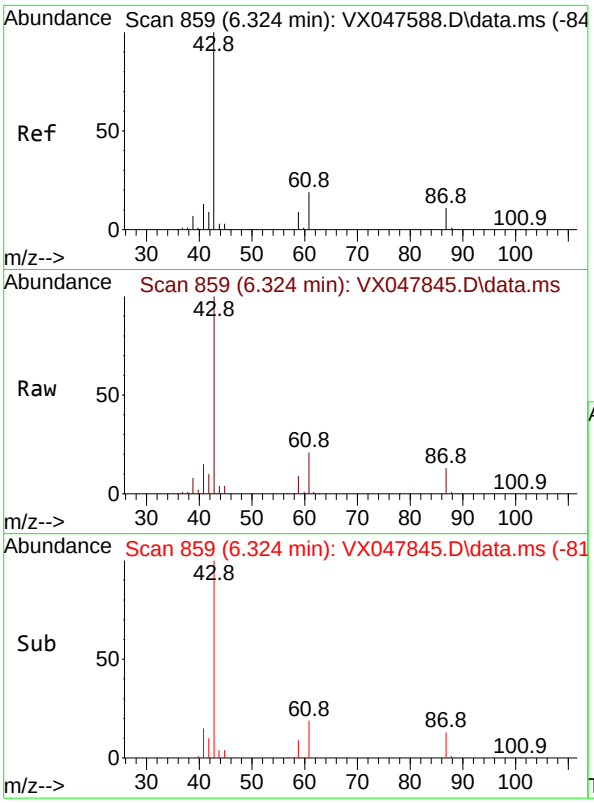


#42
1,2-Dichloroethane
Concen: 49.737 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 62 Resp: 136462

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.0



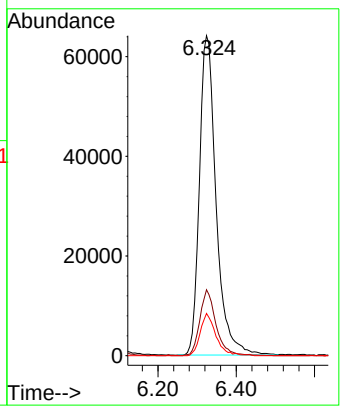


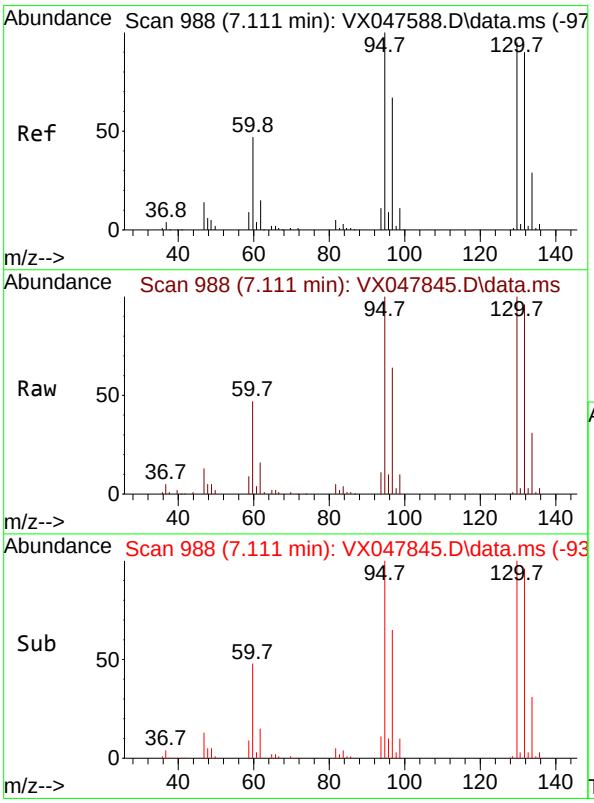
#43
Isopropyl Acetate
Concen: 45.601 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 43 Resp: 190115

Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.2	22.8
87	12.4	9.6	14.4

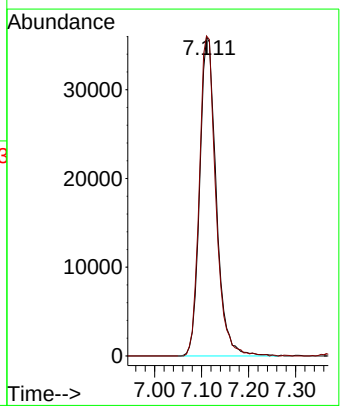


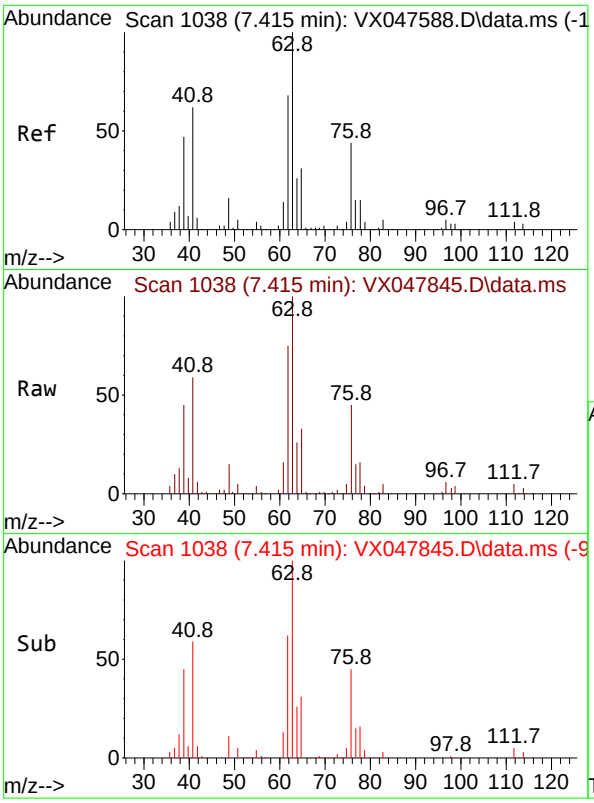


#44
Trichloroethene
Concen: 50.436 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:130 Resp: 87926

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	210.8



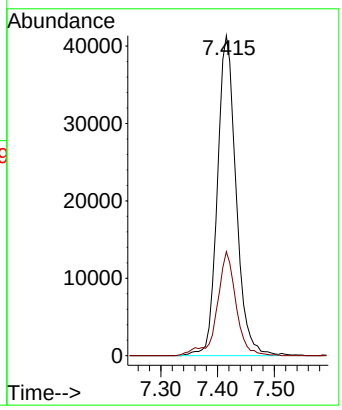


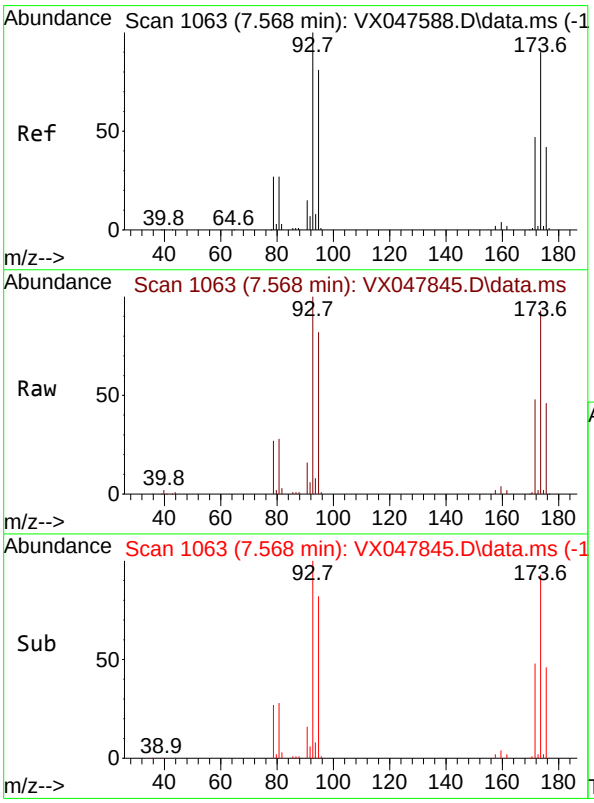
#45
1,2-Dichloropropane
Concen: 51.294 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 63 Resp: 94712

Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.7	37.1

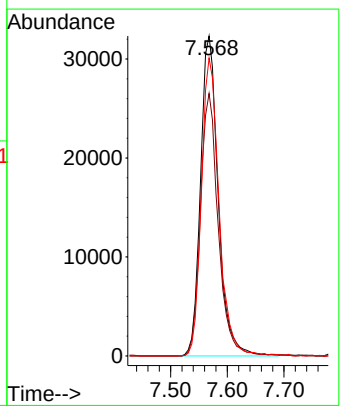


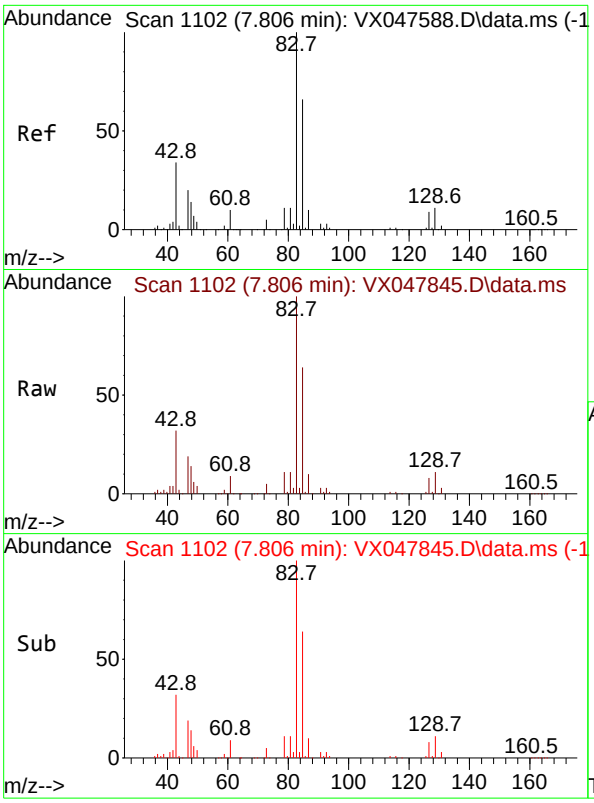


#46
Dibromomethane
Concen: 52.077 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 93 Resp: 69973

Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.0	97.6
174	93.4	71.6	107.4



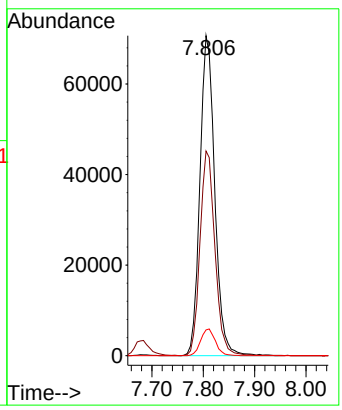


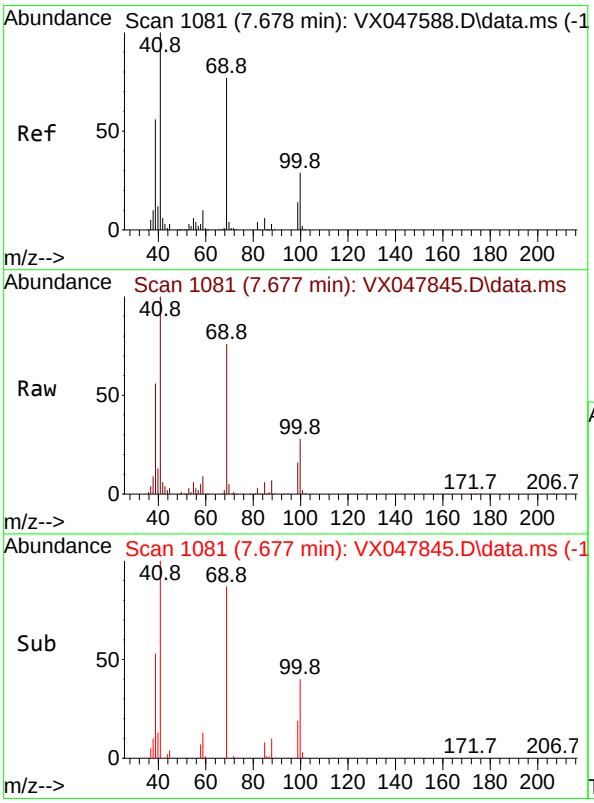
#47
Bromodichloromethane
Concen: 51.105 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 83 Resp: 141698

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.5	78.7
127	8.0	6.9	10.3

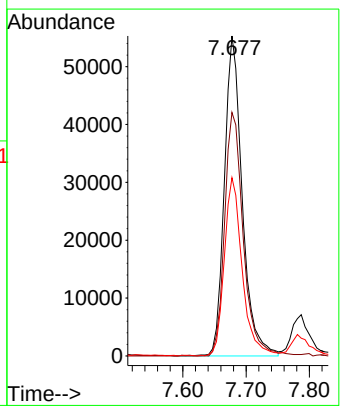


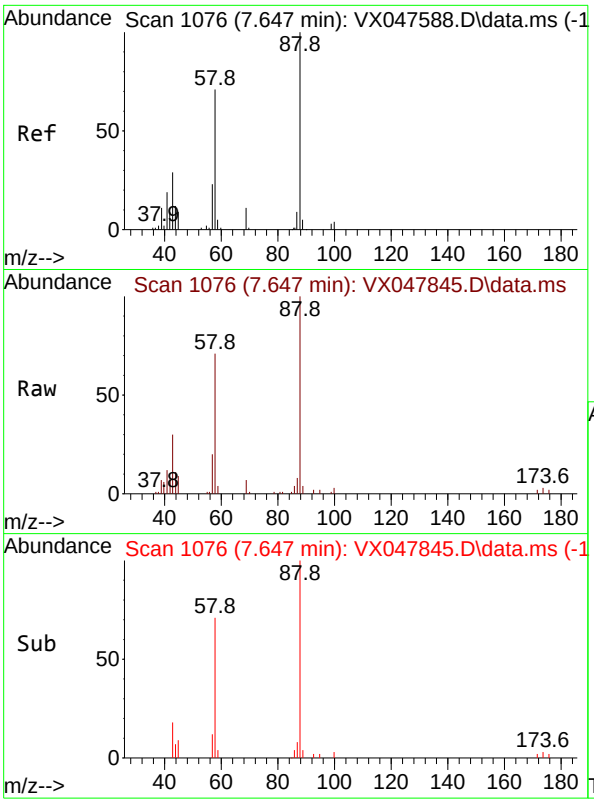


#48
Methyl methacrylate
Concen: 52.265 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 41 Resp: 108538

Ion	Ratio	Lower	Upper
41	100		
69	79.5	61.4	92.2
39	55.8	45.8	68.6



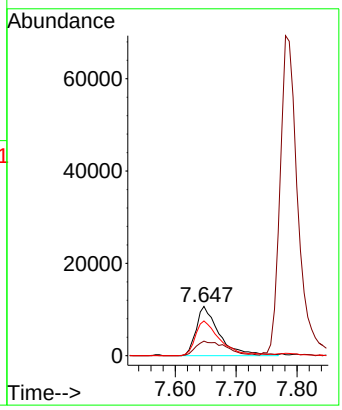


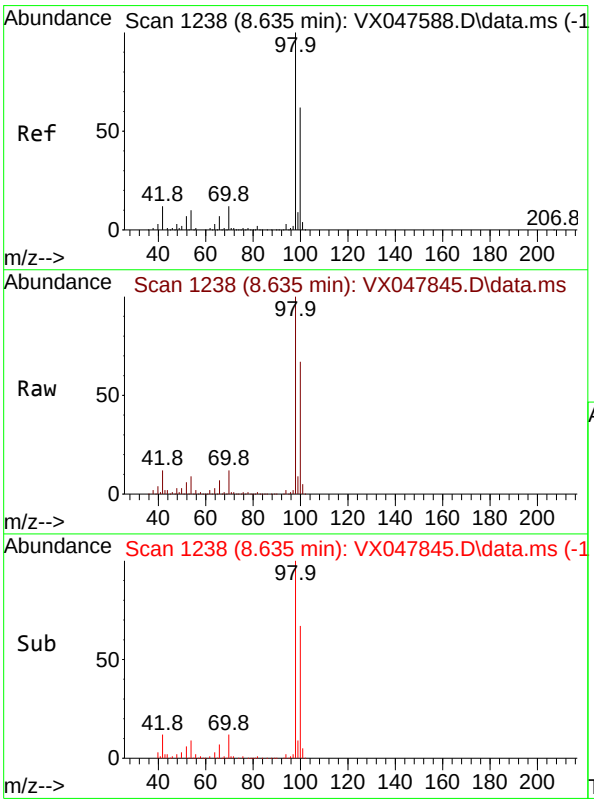
#49
1,4-Dioxane
Concen: 1333.443 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 88 Resp: 27985

Ion	Ratio	Lower	Upper
88	100		
43	39.3	30.2	45.2
58	75.4	59.5	89.3

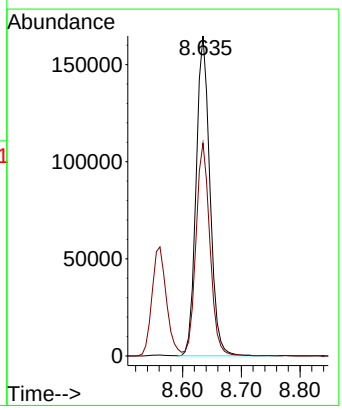


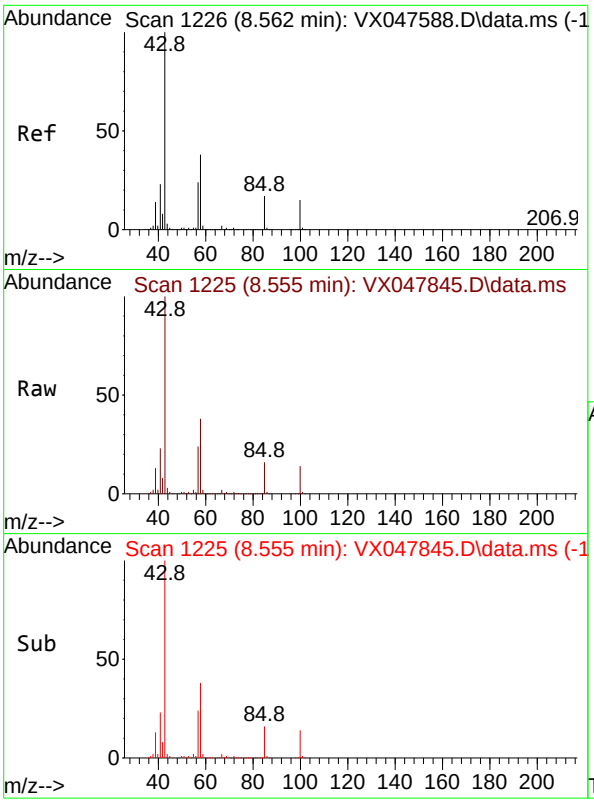


#50
Toluene-d8
Concen: 47.559 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 98 Resp: 267377

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4



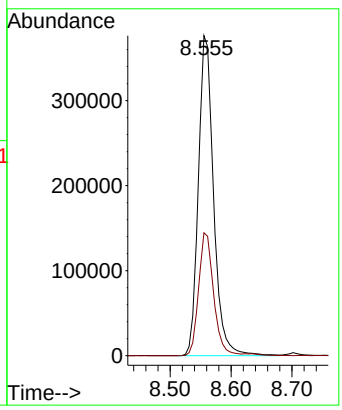


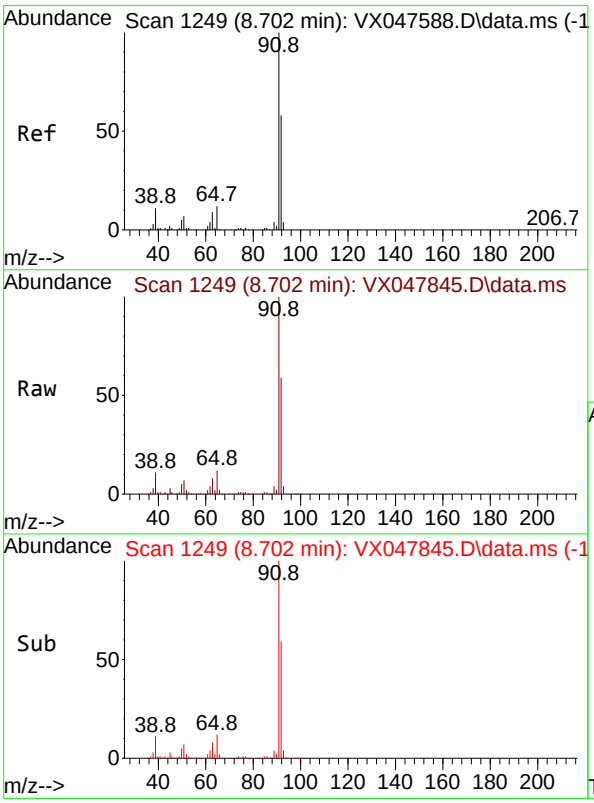
#51
4-Methyl-2-Pentanone
Concen: 283.300 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 43 Resp: 654858

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5

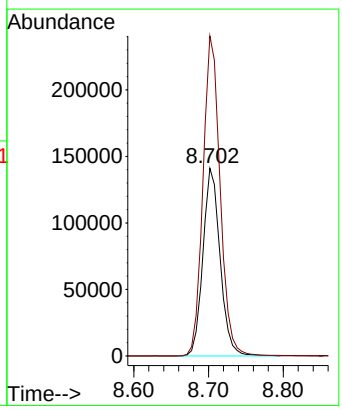


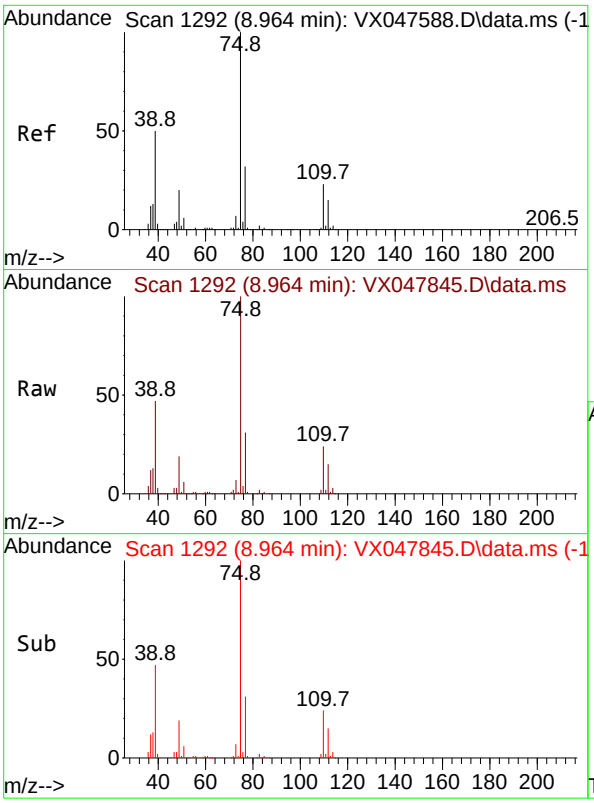


#52
Toluene
Concen: 50.540 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 92 Resp: 224531

Ion	Ratio	Lower	Upper
92	100		
91	171.0	137.1	205.7



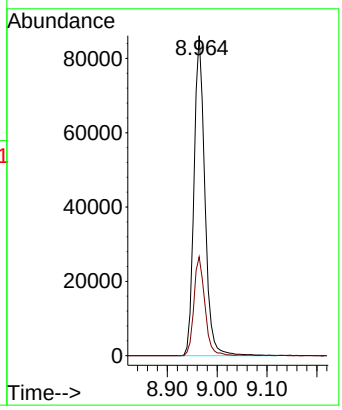


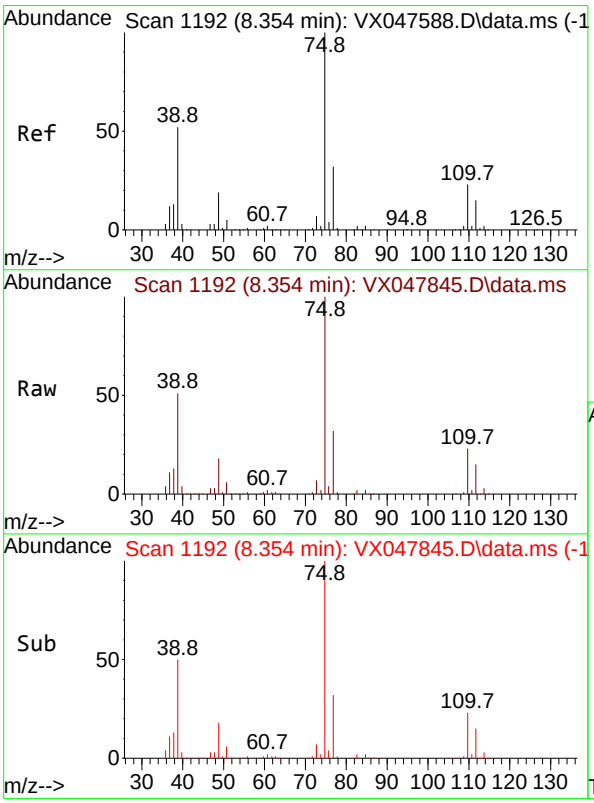
#53
t-1,3-Dichloropropene
Concen: 46.019 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 75 Resp: 130150

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.2

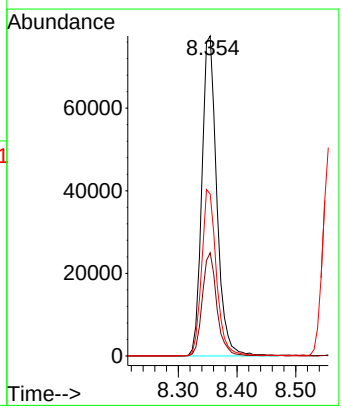


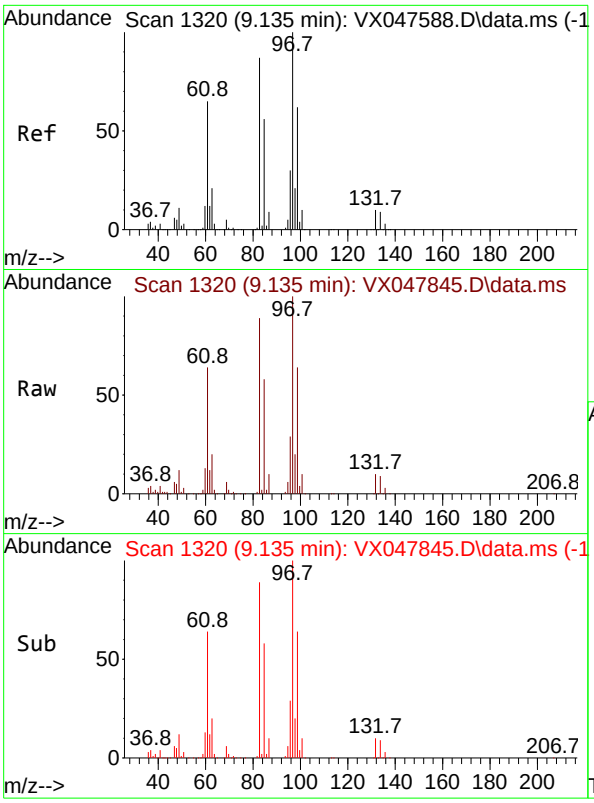


#54
cis-1,3-Dichloropropene
Concen: 45.240 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 75 Resp: 136755

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	50.5	41.4	62.2



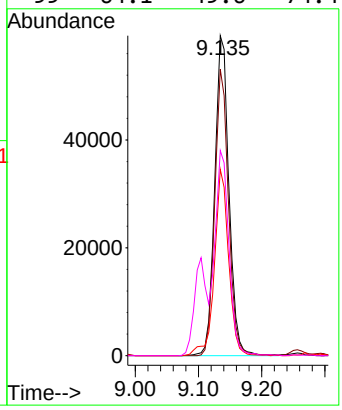


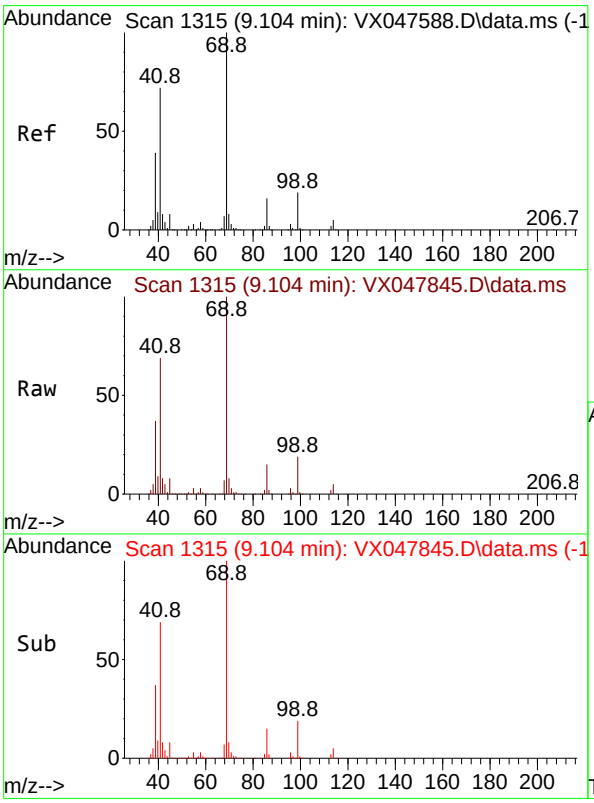
#55
1,1,2-Trichloroethane
Concen: 54.125 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 97 Resp: 92719

Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.6	104.4
85	58.2	45.0	67.6
99	64.1	49.6	74.4

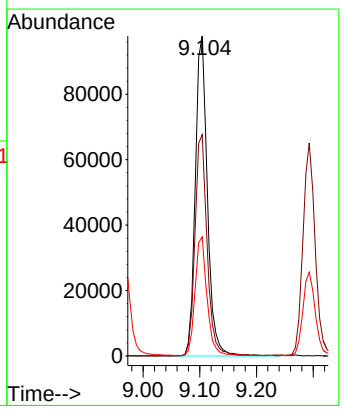


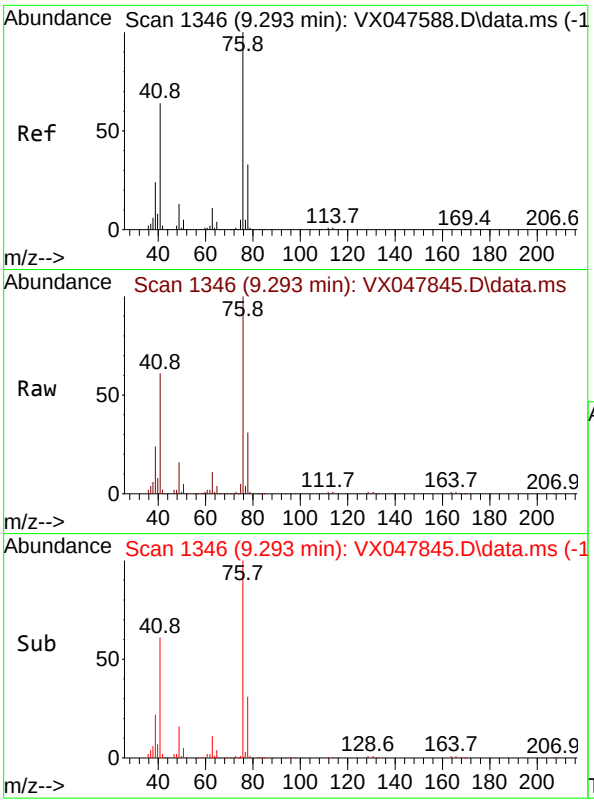


#56
Ethyl methacrylate
Concen: 53.821 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 69 Resp: 144795

Ion	Ratio	Lower	Upper
69	100		
41	69.6	58.6	87.8
39	36.8	31.5	47.3



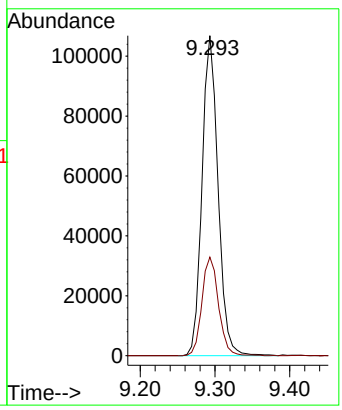


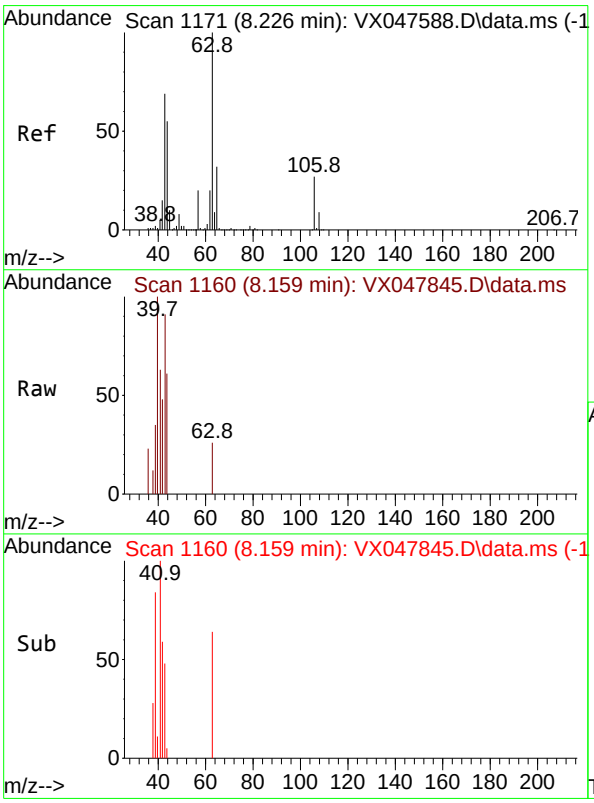
#57
1,3-Dichloropropane
Concen: 53.937 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 76 Resp: 158722

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4

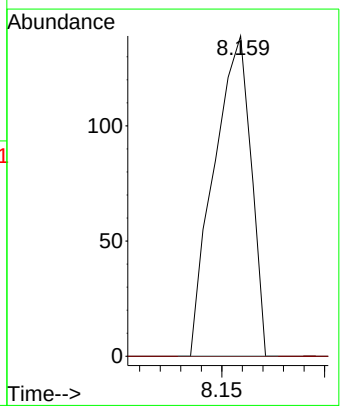


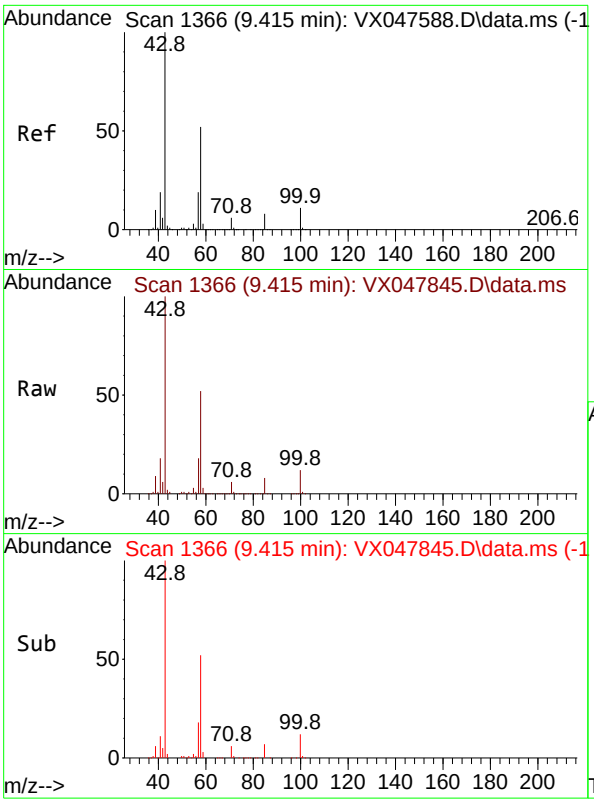


#58
2-Chloroethyl Vinyl ether
Concen: 8.028 ug/l
RT: 8.159 min Scan# 1160
Delta R.T. -0.067 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 63 Resp: 174

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#



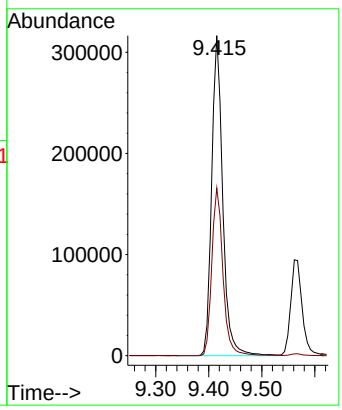


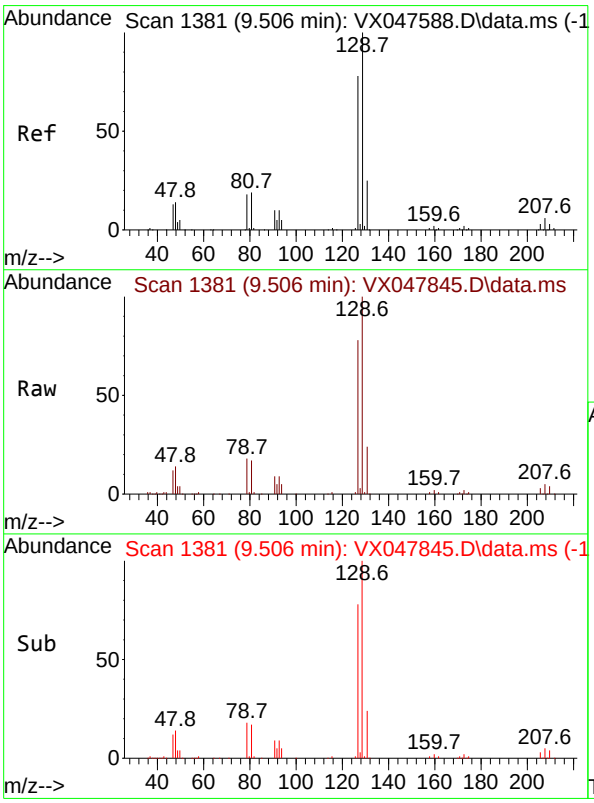
#59
2-Hexanone
Concen: 275.847 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 43 Resp: 457947

Ion	Ratio	Lower	Upper
43	100		
58	53.1	26.1	78.2

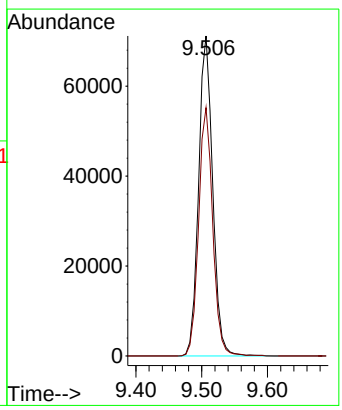


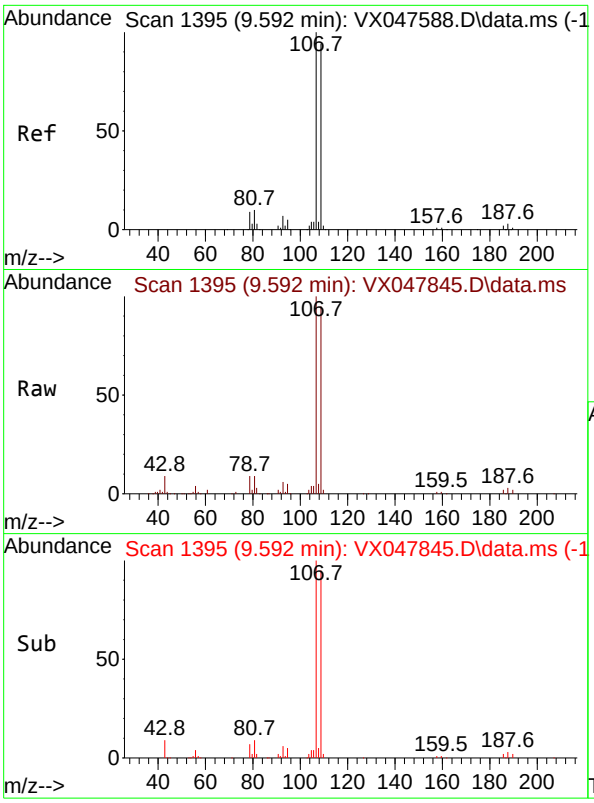


#60
Dibromochloromethane
Concen: 53.675 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:129 Resp: 105945

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.4	115.2



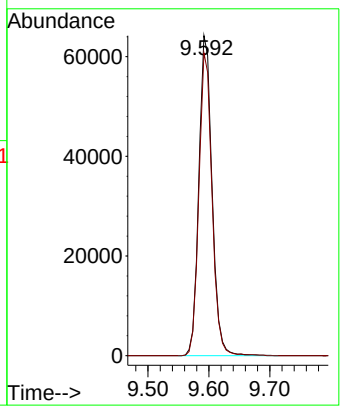


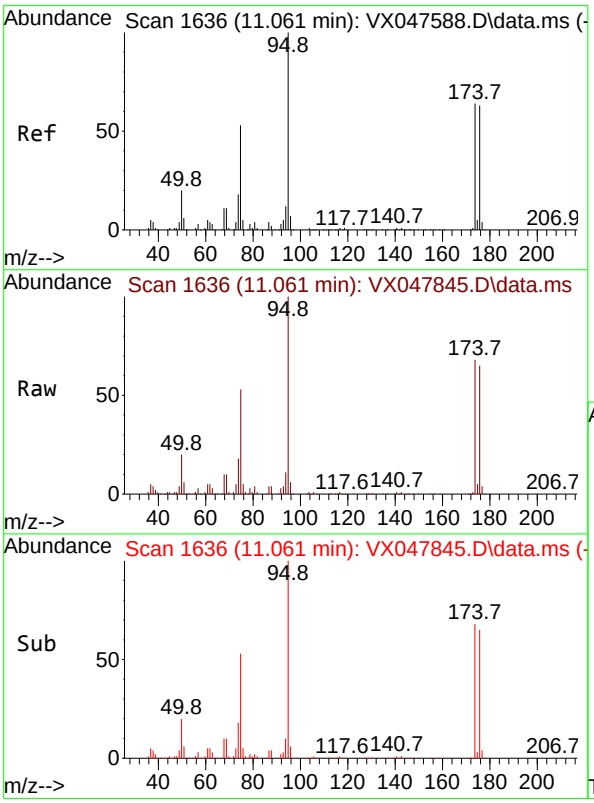
#61
1,2-Dibromoethane
Concen: 55.407 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:107 Resp: 96675

Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.3	112.9

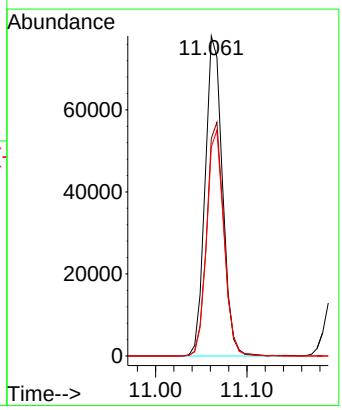


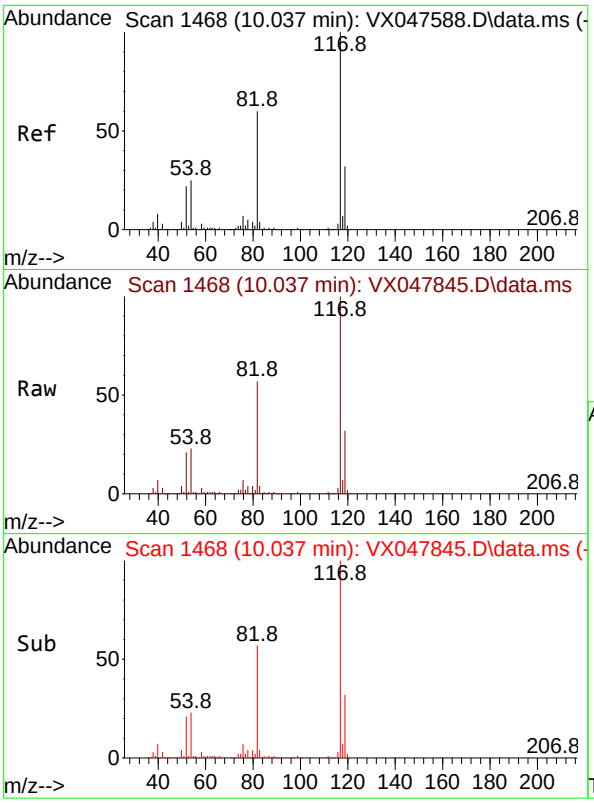


#62
4-Bromofluorobenzene
Concen: 47.914 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 95 Resp: 102232

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	141.6
176	70.1	0.0	138.4



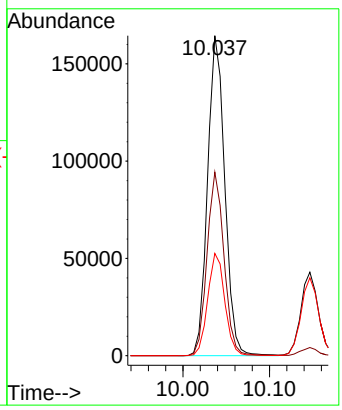


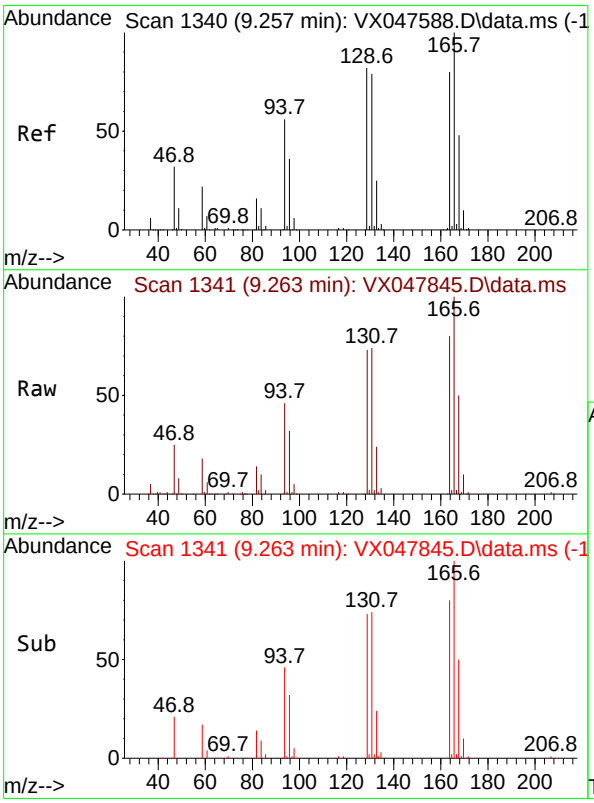
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:117 Resp: 226841

Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.8	71.6
119	31.9	25.2	37.8

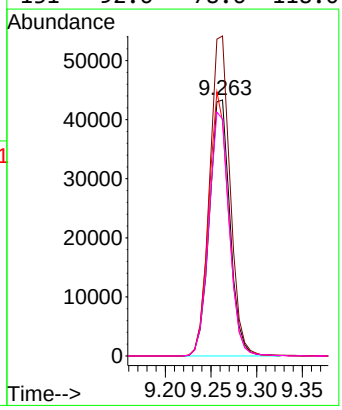


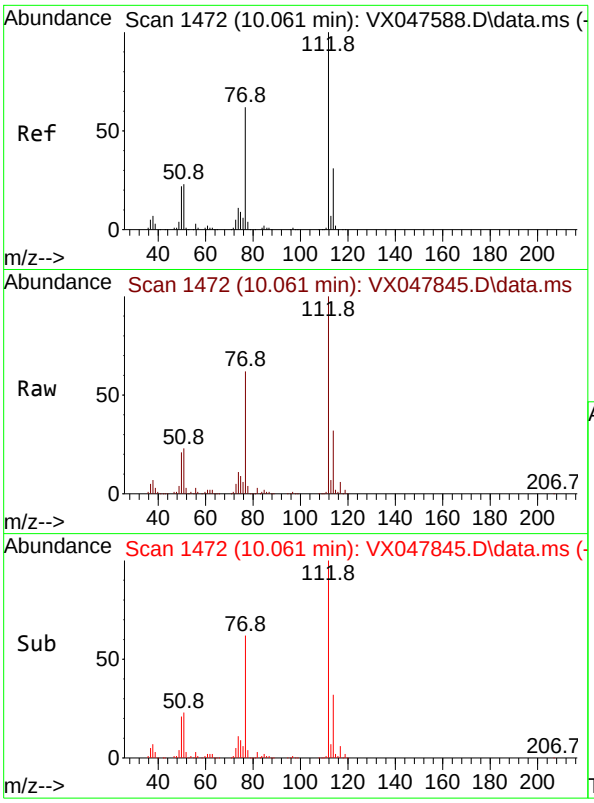


#64
Tetrachloroethene
Concen: 45.519 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:164 Resp: 67312

Ion	Ratio	Lower	Upper
164	100		
166	125.0	100.2	150.2
129	91.6	81.8	122.6
131	92.6	78.6	118.0



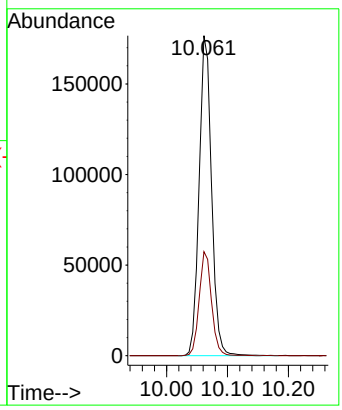


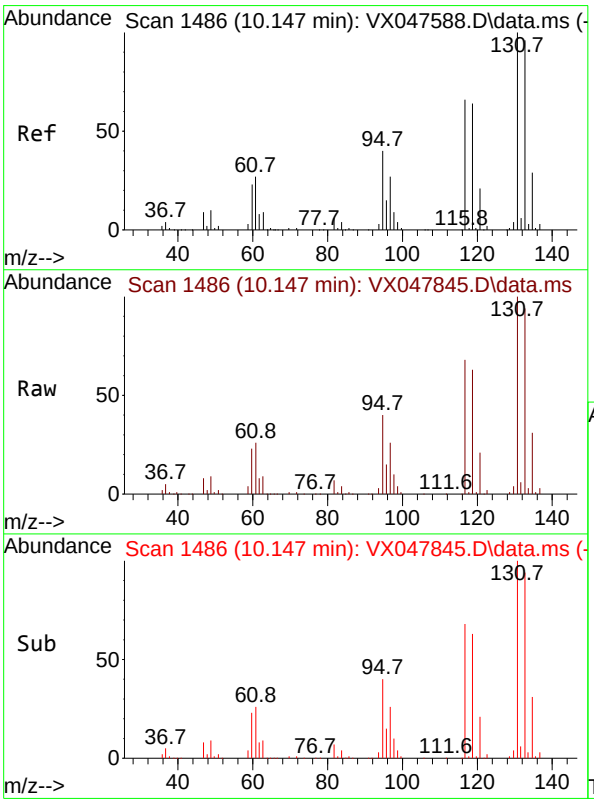
#65
Chlorobenzene
Concen: 48.536 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:112 Resp: 250125

Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.1	37.7

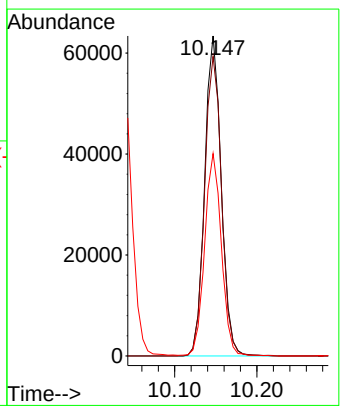


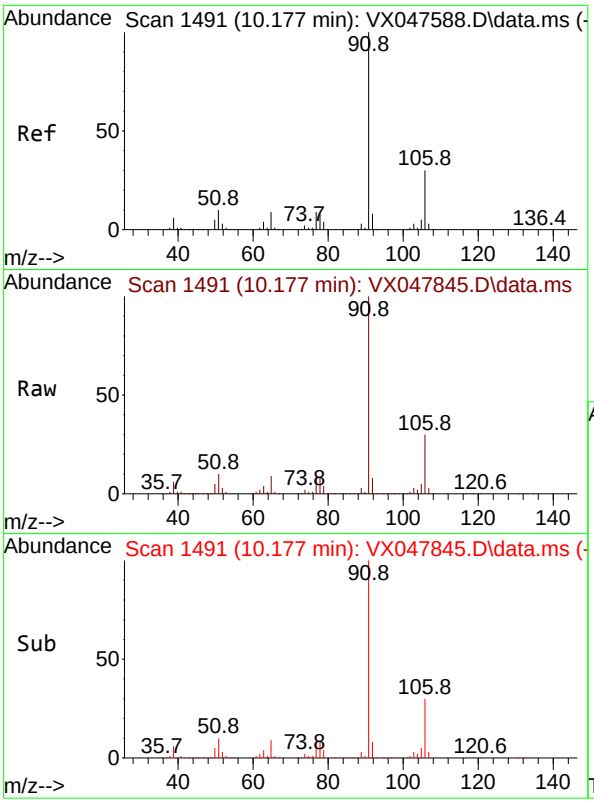


#66
1,1,1,2-Tetrachloroethane
Concen: 49.761 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:131 Resp: 88489

Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.3	142.0
119	64.4	32.0	96.0



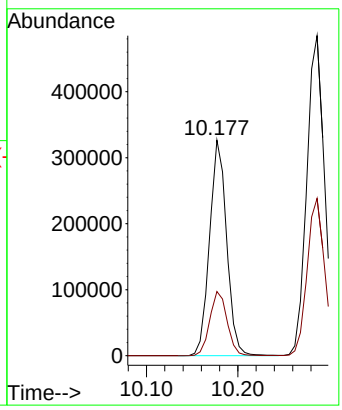


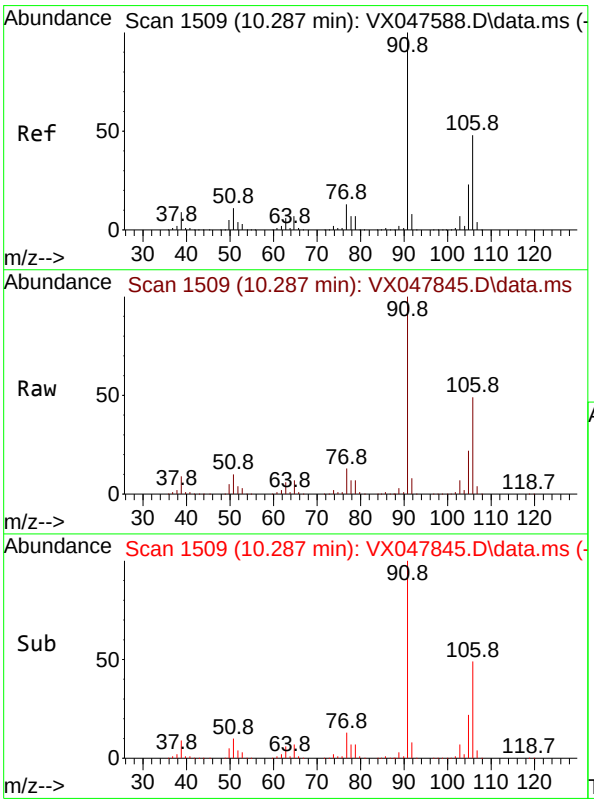
#67
Ethyl Benzene
Concen: 47.662 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 91 Resp: 423798

Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.3	36.5

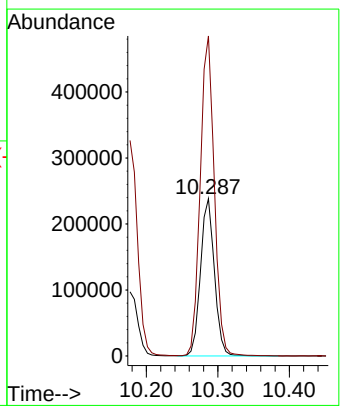


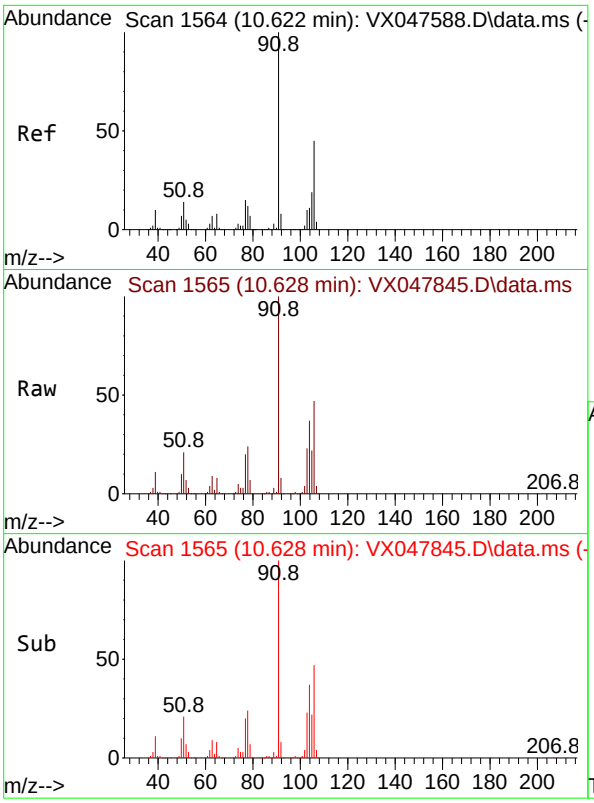


#68
m/p-Xylenes
Concen: 97.244 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:106 Resp: 321837

Ion	Ratio	Lower	Upper
106	100		
91	205.9	167.8	251.8



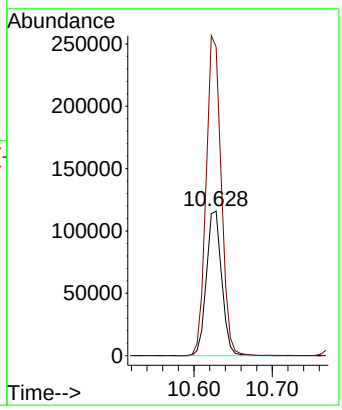


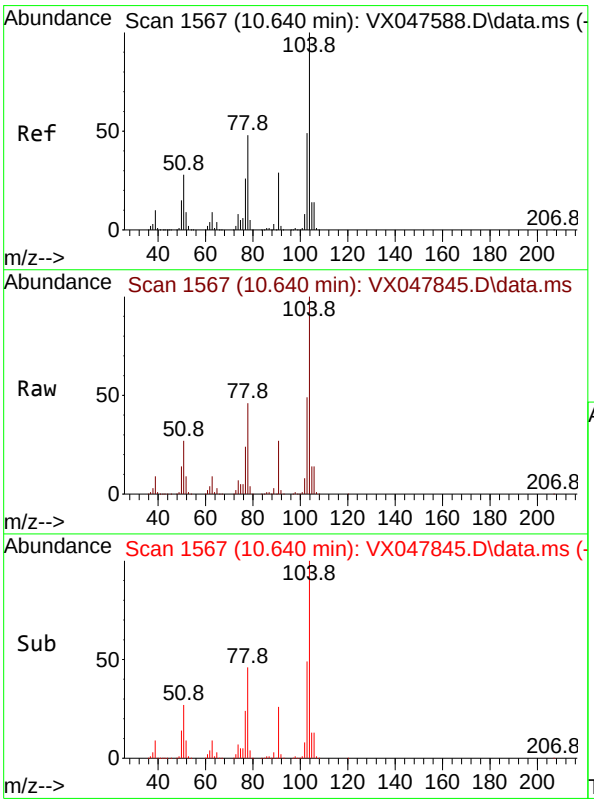
#69
o-Xylene
Concen: 48.957 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:106 Resp: 156719

Ion	Ratio	Lower	Upper
106	100		
91	219.2	111.1	333.4

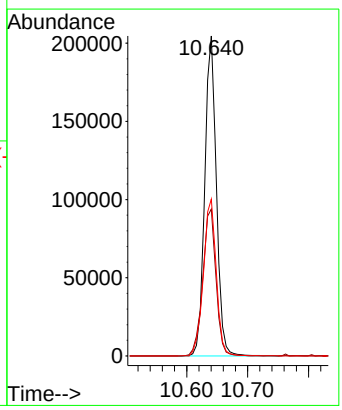


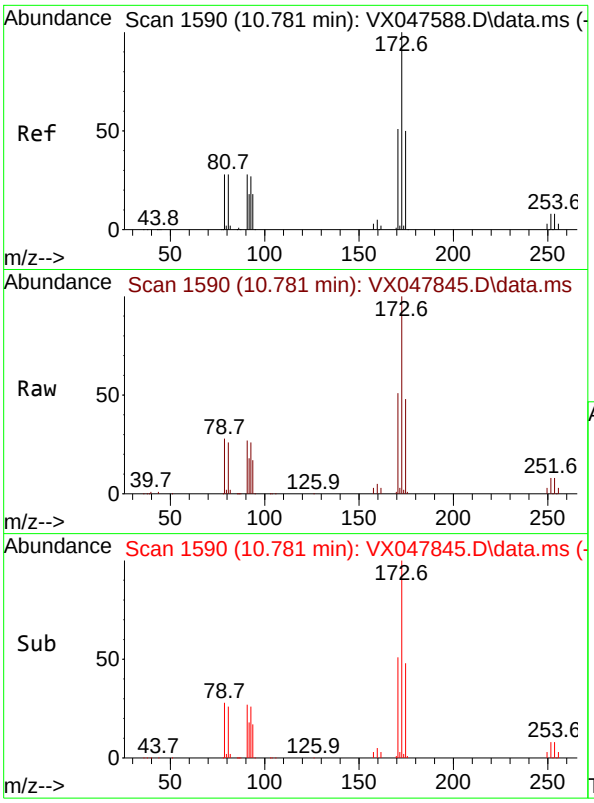


#70
Styrene
Concen: 48.480 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:104 Resp: 271926

Ion	Ratio	Lower	Upper
104	100		
78	52.2	43.1	64.7
103	54.1	43.1	64.7



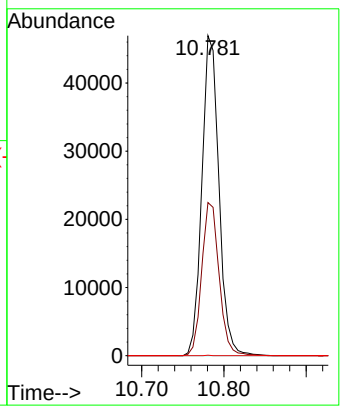


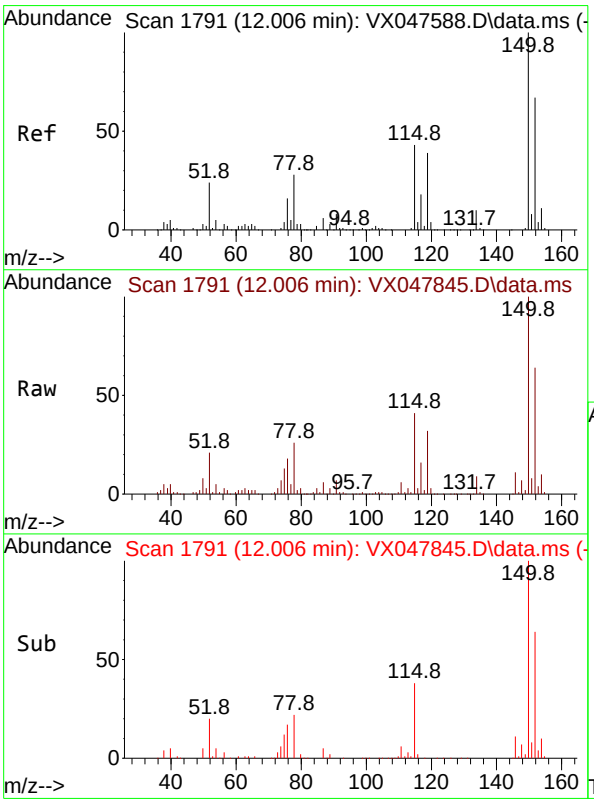
#71
Bromoform
Concen: 50.972 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:173 Resp: 67682

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.0	0.1	0.1#

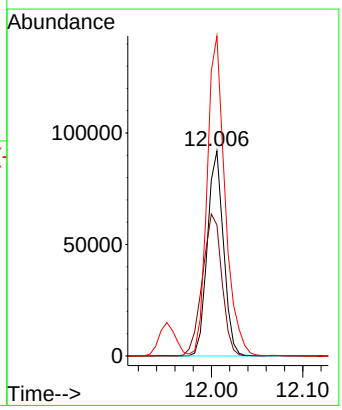


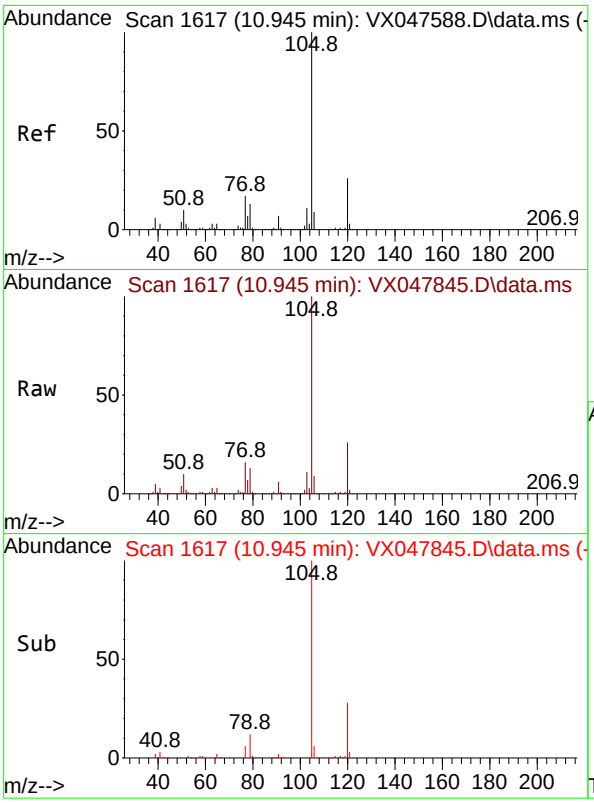


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:152 Resp: 112665

Ion	Ratio	Lower	Upper
152	100		
115	83.8	44.9	134.5
150	172.8	0.0	352.0



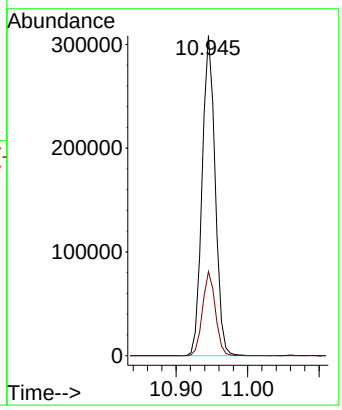


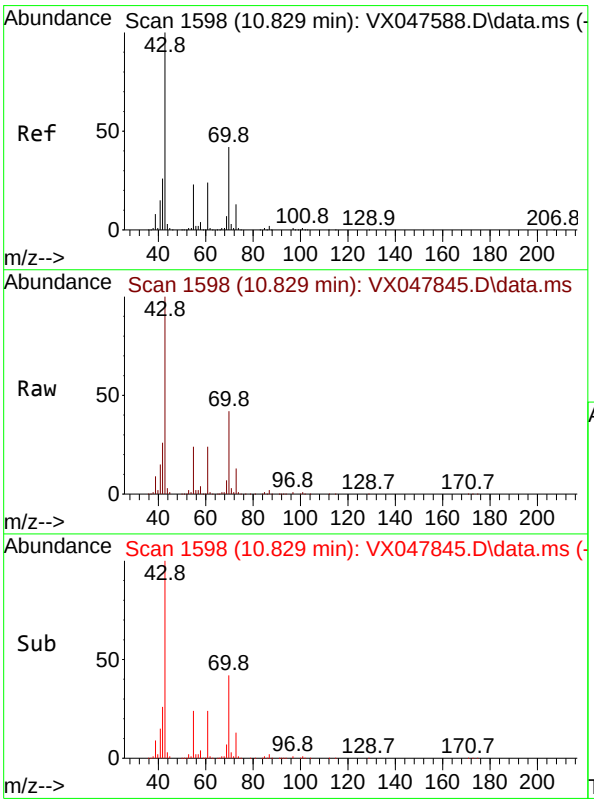
#73
Isopropylbenzene
Concen: 45.559 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:105 Resp: 390233

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.8	38.4

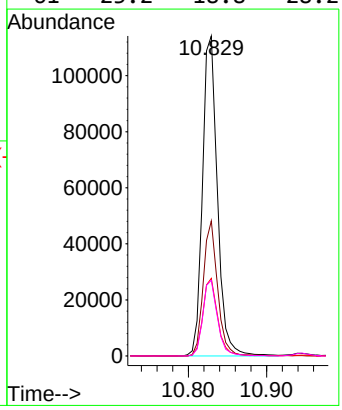


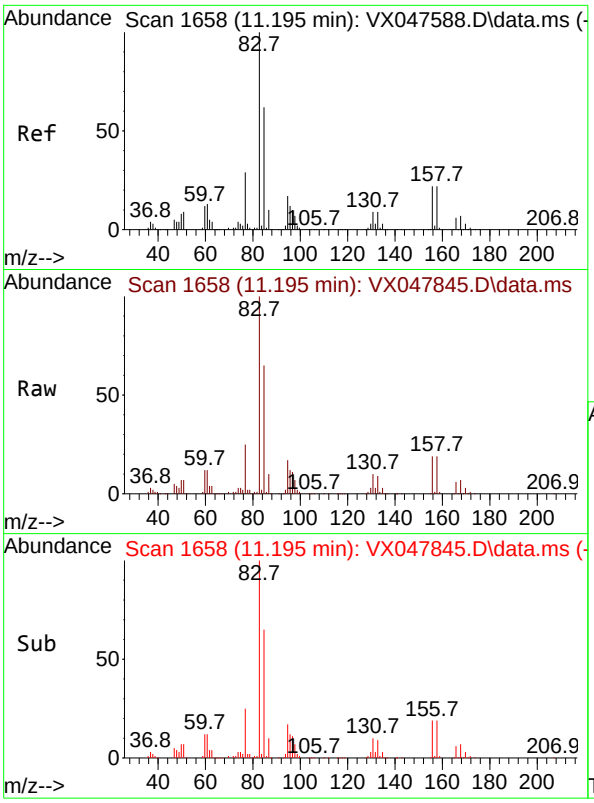


#74
N-amyl acetate
Concen: 38.617 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 43 Resp: 150836

Ion	Ratio	Lower	Upper
43	100		
70	40.6	32.0	48.0
55	24.2	18.9	28.3
61	23.2	18.8	28.2



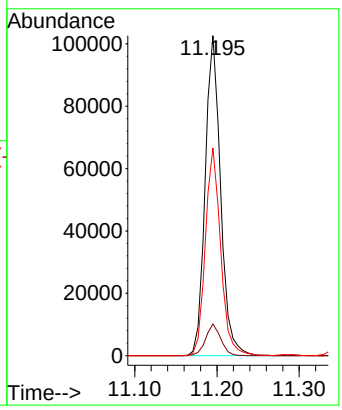


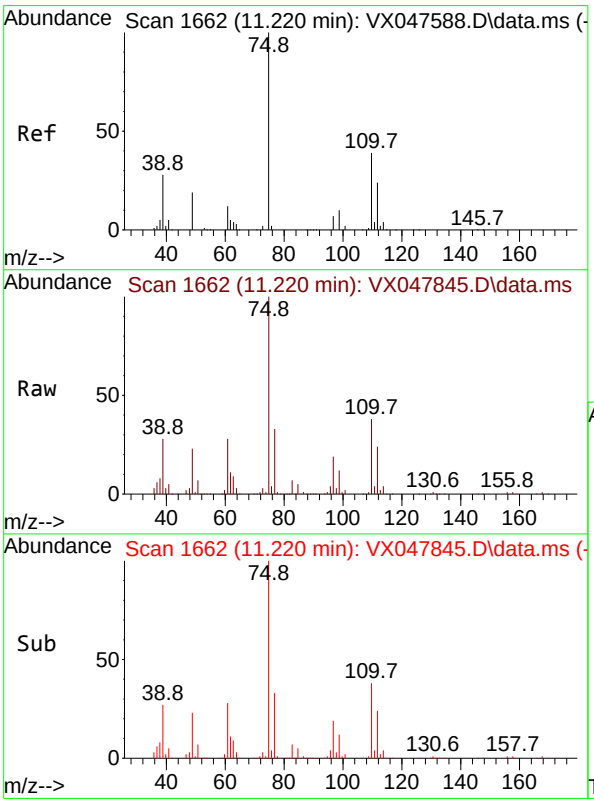
#75
1,1,2,2-Tetrachloroethane
Concen: 51.590 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 83 Resp: 133696

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	64.4	31.6	95.0

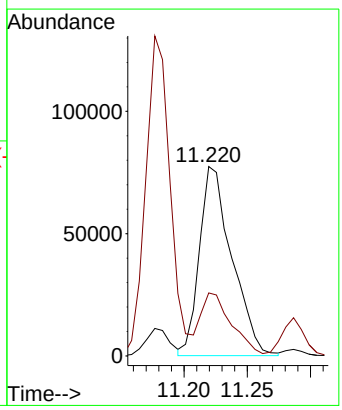


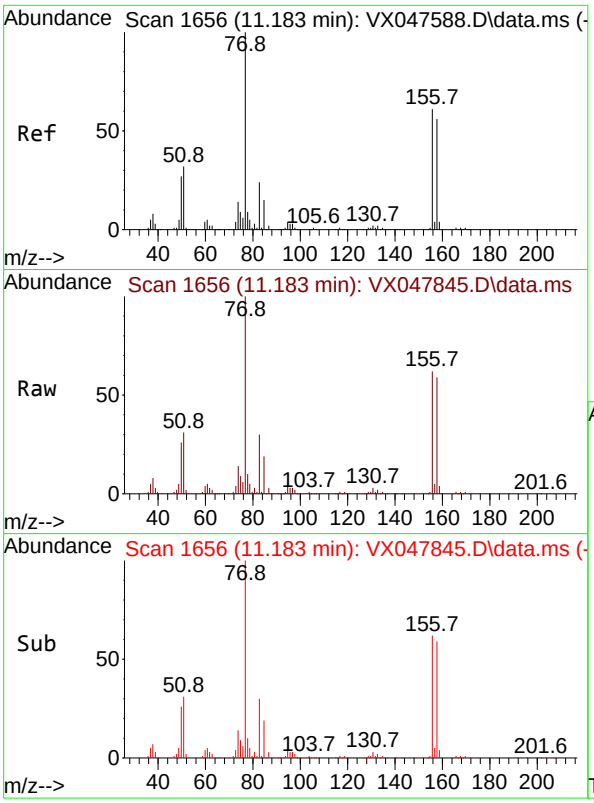


#76
1,2,3-Trichloropropane
Concen: 60.643 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 75 Resp: 138333

Ion	Ratio	Lower	Upper
75	100		
77	31.0	18.8	56.4



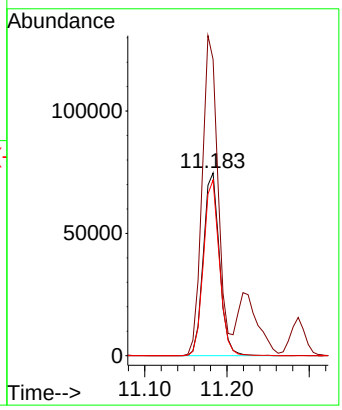


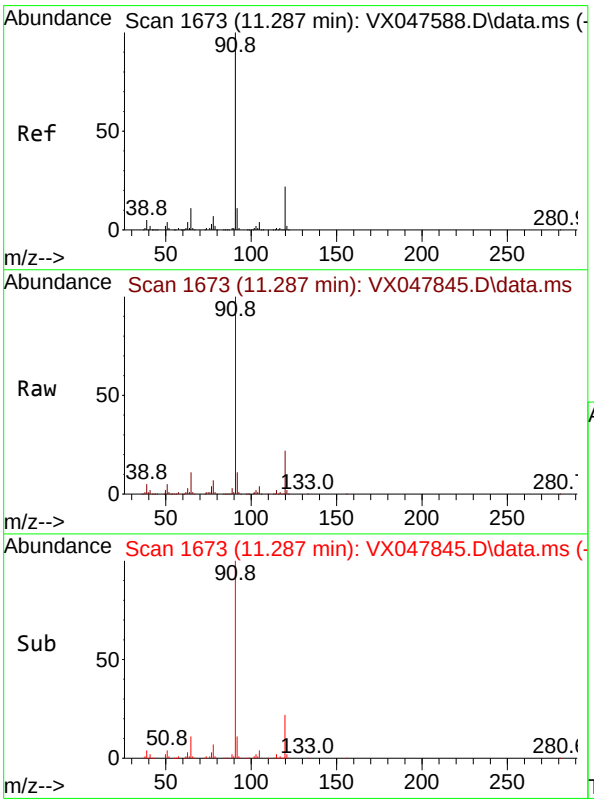
#77
Bromobenzene
Concen: 48.129 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:156 Resp: 101534

Ion	Ratio	Lower	Upper
156	100		
77	174.2	89.7	269.1
158	95.2	47.9	143.6

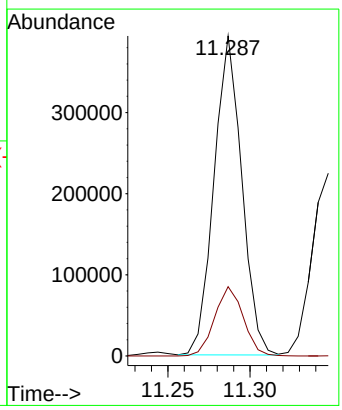


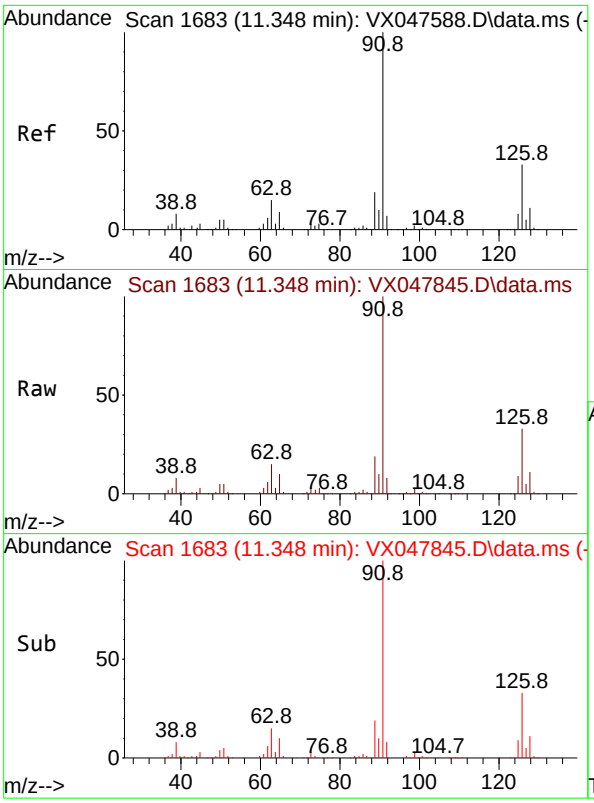


#78
n-propylbenzene
Concen: 45.624 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 91 Resp: 461969

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1



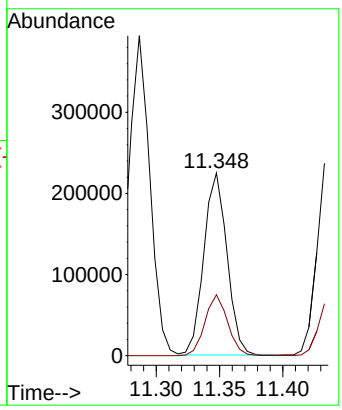


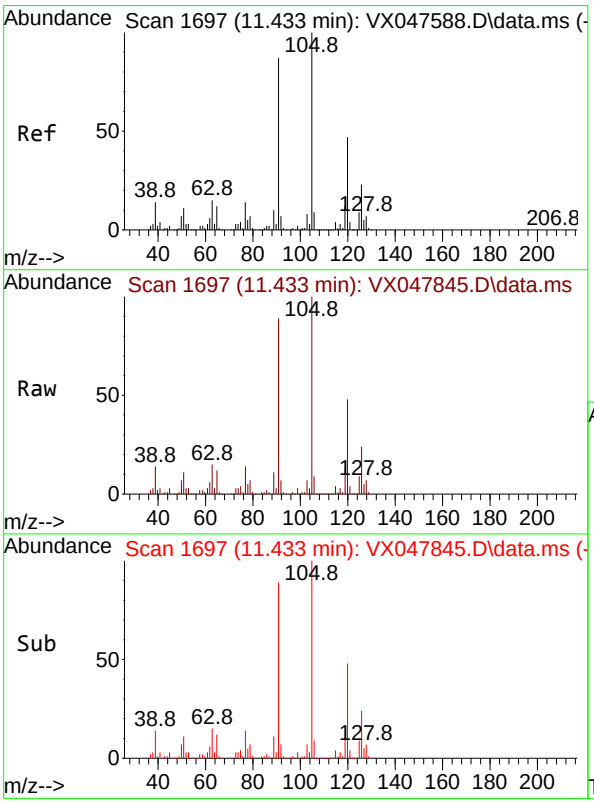
#79
2-Chlorotoluene
Concen: 46.230 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 91 Resp: 286705

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.1	48.3

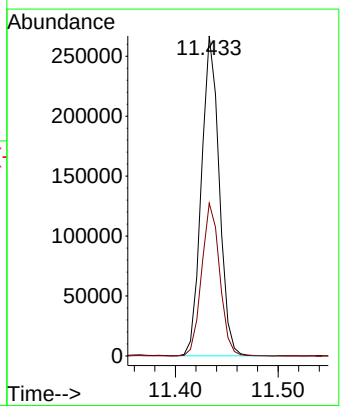


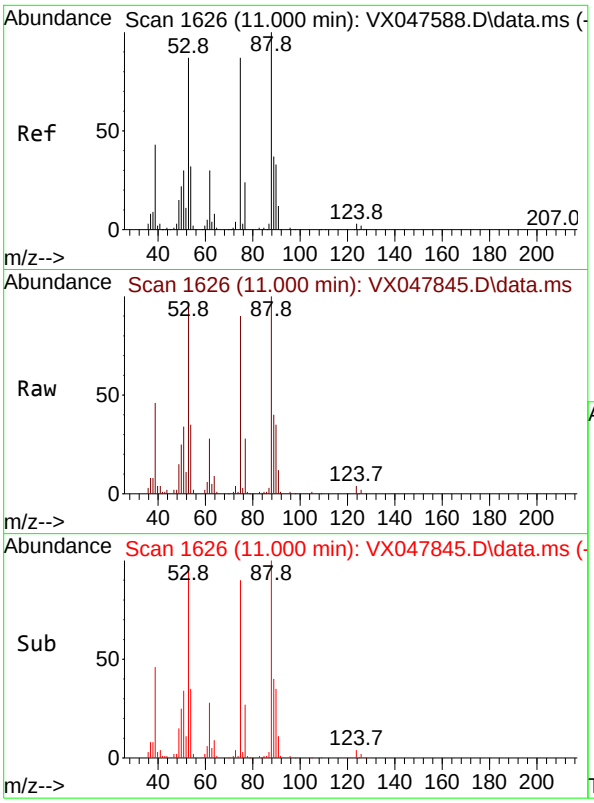


#80
1,3,5-Trimethylbenzene
Concen: 45.725 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:105 Resp: 321780

Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.6	70.8



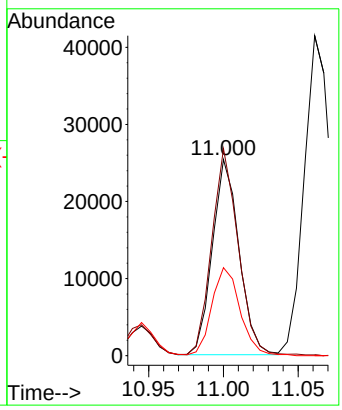


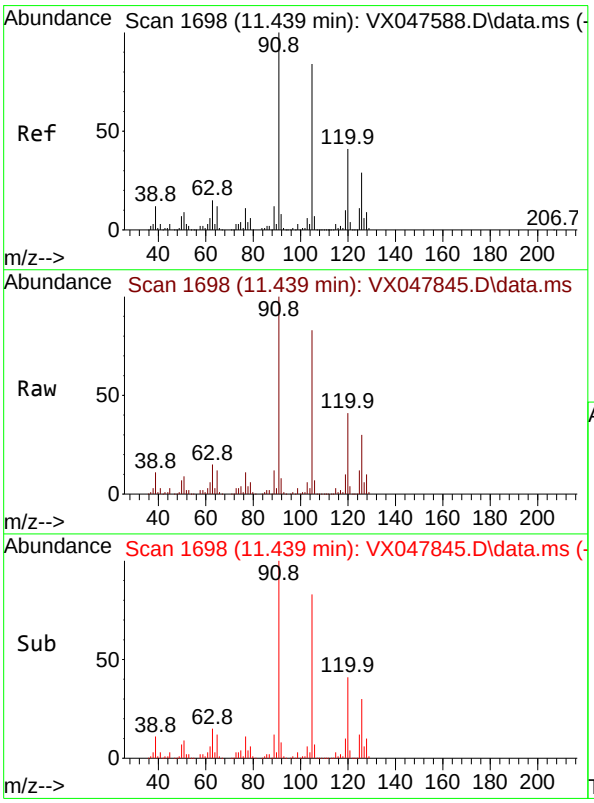
#81
trans-1,4-Dichloro-2-butene
Concen: 35.212 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 75 Resp: 31497

Ion	Ratio	Lower	Upper
75	100		
53	105.7	83.4	125.2
89	47.7	36.3	54.5

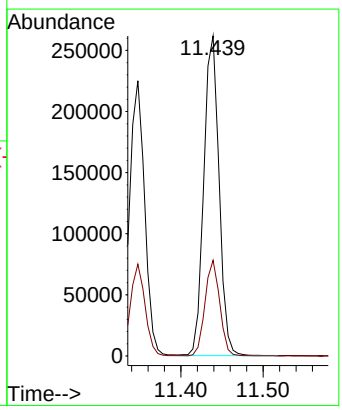


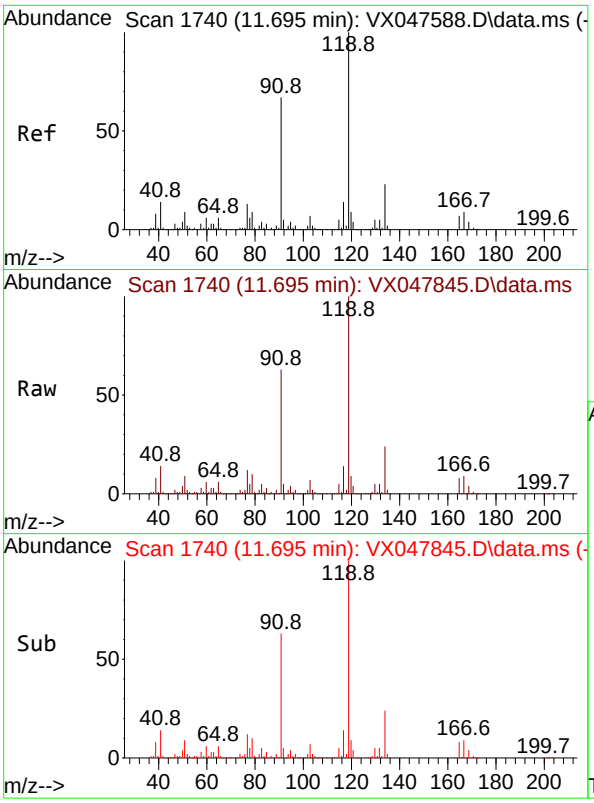


#82
4-Chlorotoluene
Concen: 46.056 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 91 Resp: 337335

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.2	42.6



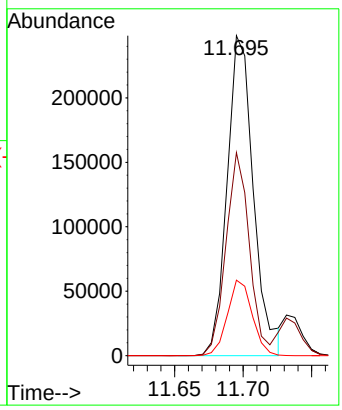


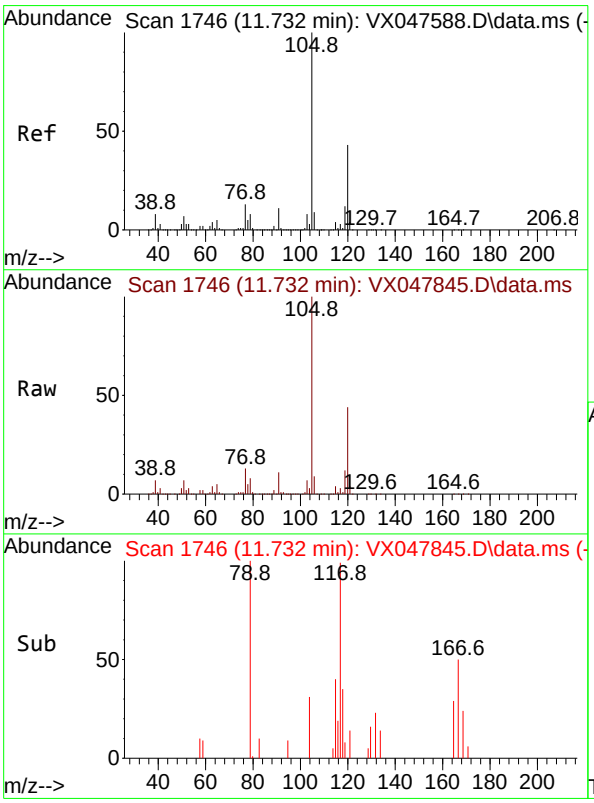
#83
tert-Butylbenzene
Concen: 46.129 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:119 Resp: 332310

Ion	Ratio	Lower	Upper
119	100		
91	56.6	29.6	88.8
134	22.3	11.0	33.0

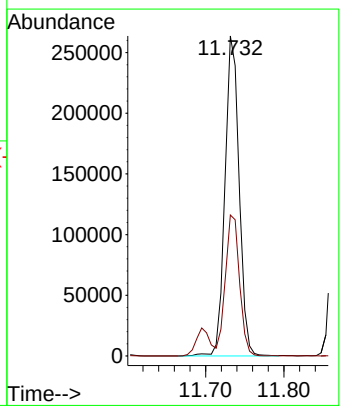


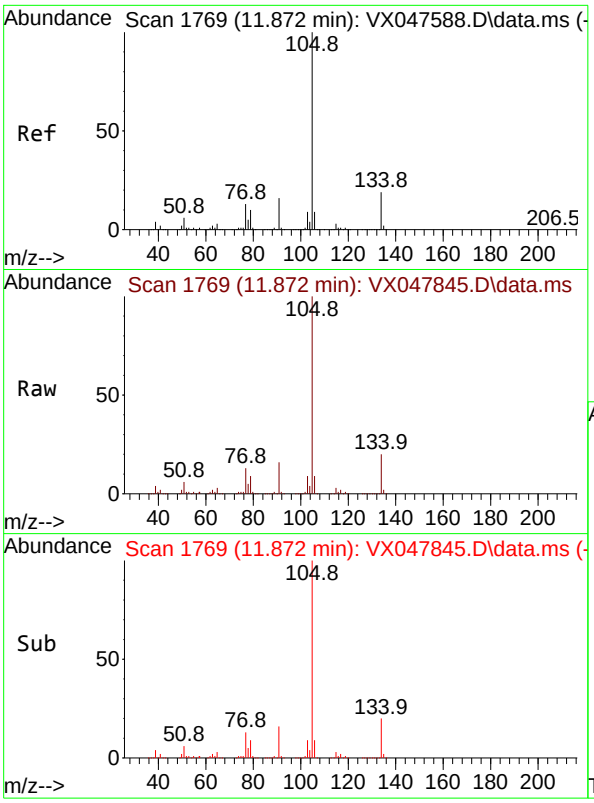


#84
1,2,4-Trimethylbenzene
Concen: 46.476 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:105 Resp: 331594

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.1



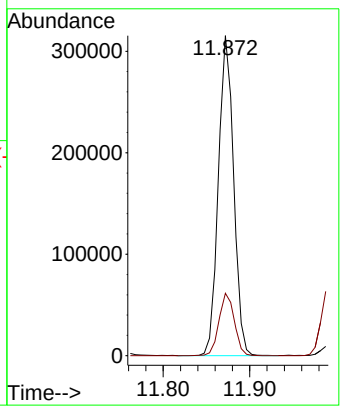


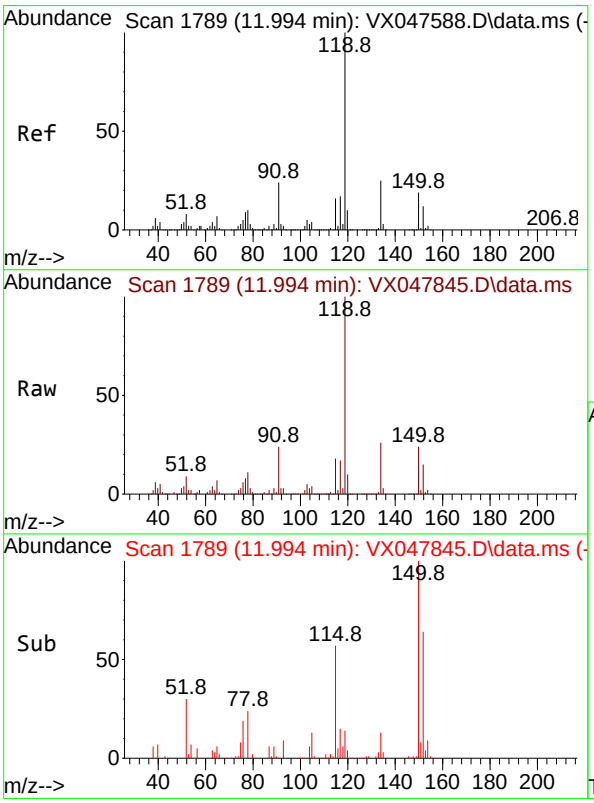
#85
sec-Butylbenzene
Concen: 45.170 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:105 Resp: 386510

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

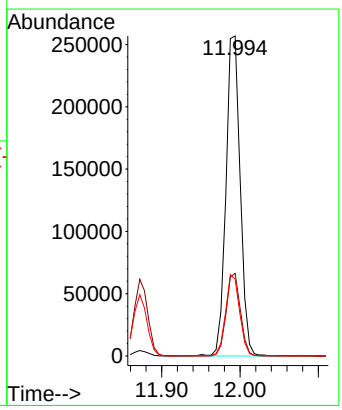


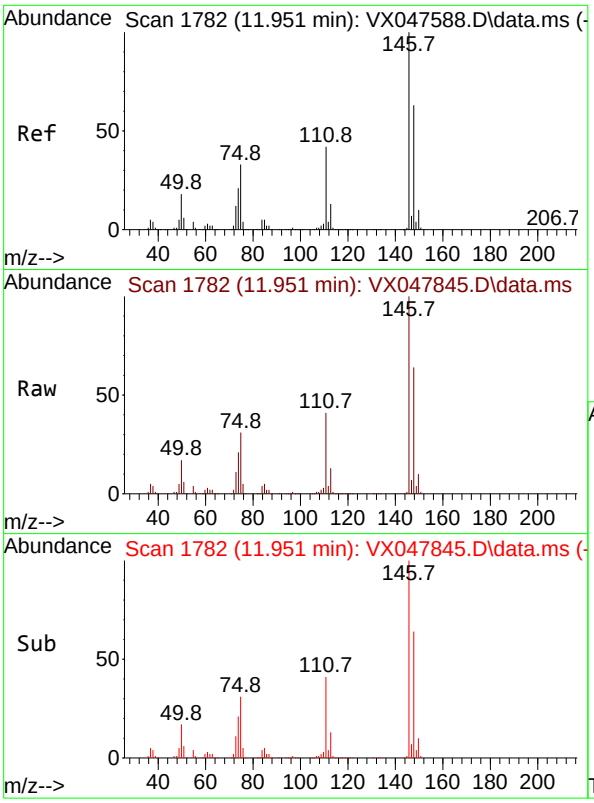


#86
p-Isopropyltoluene
Concen: 44.865 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:119 Resp: 325012

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.8
91	25.1	12.6	37.6



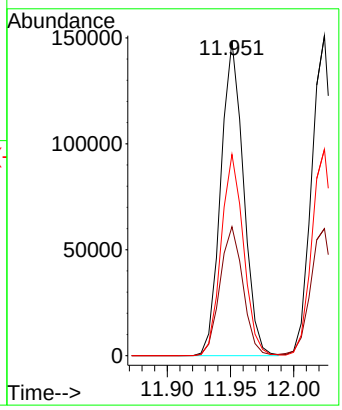


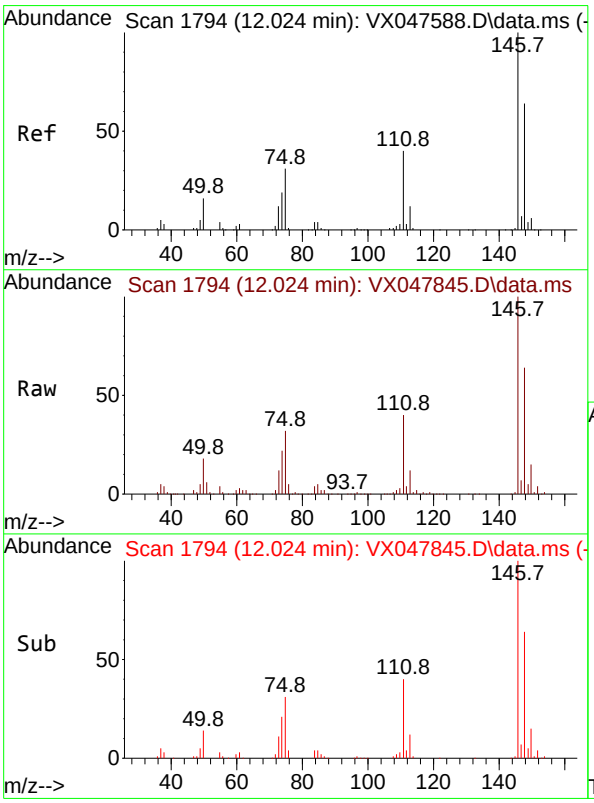
#87
1,3-Dichlorobenzene
Concen: 47.150 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:146 Resp: 184756

Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.5	64.5
148	63.2	32.0	96.0

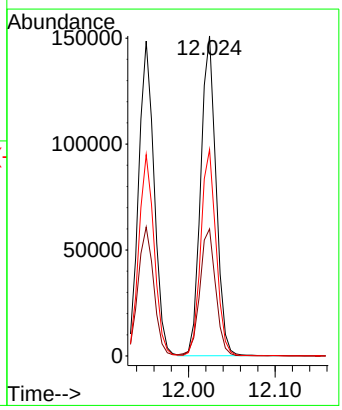


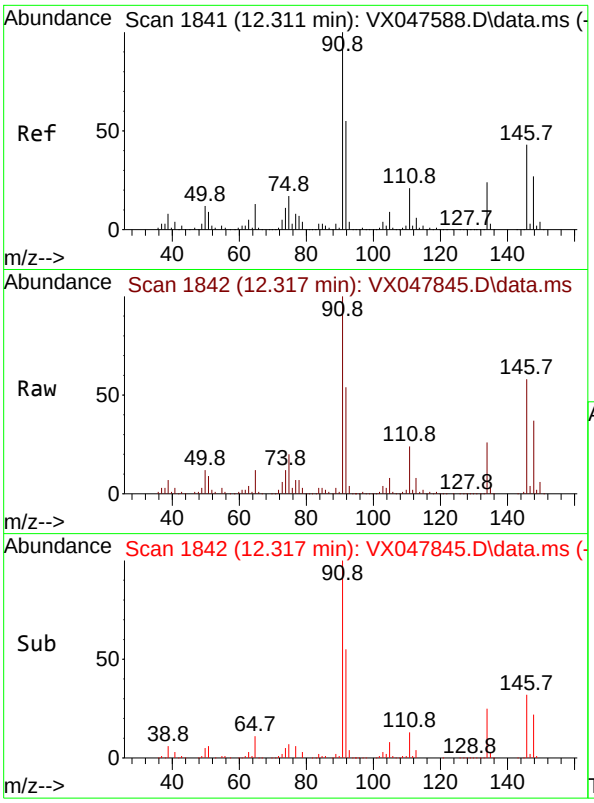


#88
1,4-Dichlorobenzene
Concen: 46.129 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:146 Resp: 185514

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.4
148	64.3	31.7	95.1



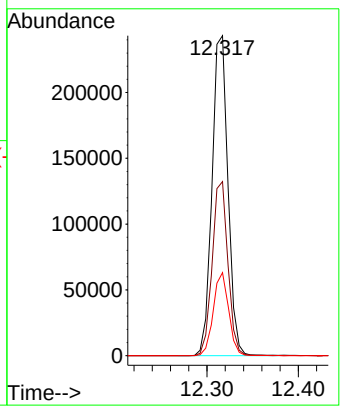


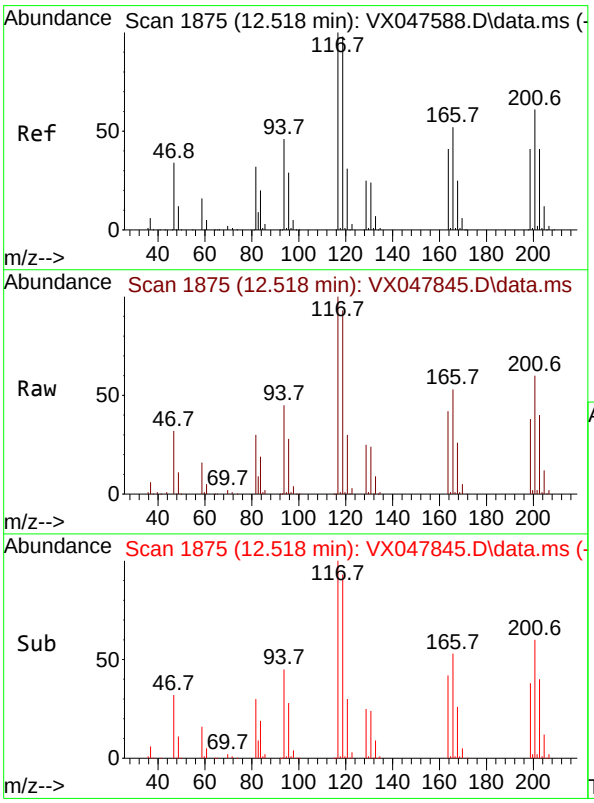
#89
n-Butylbenzene
Concen: 43.827 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion: 91 Resp: 293775

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.6	82.7
134	25.1	12.6	37.8

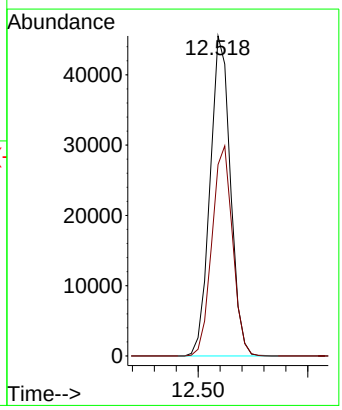


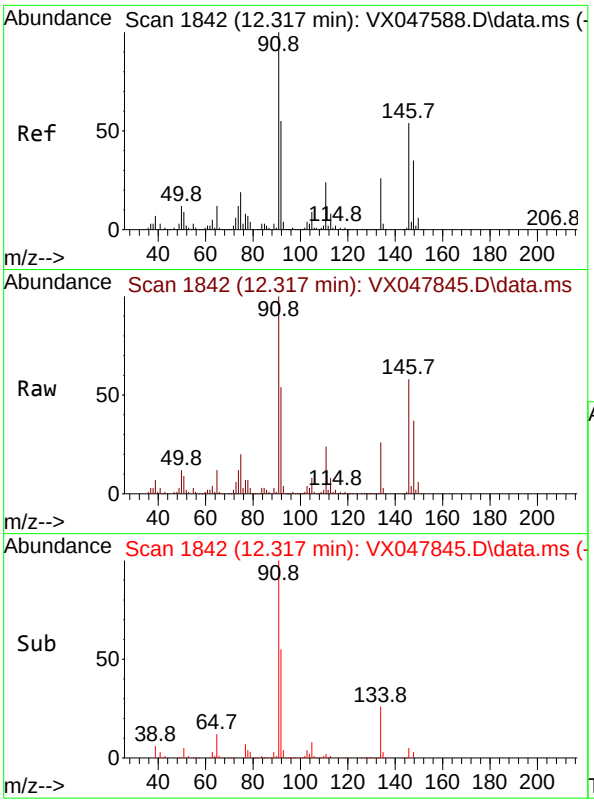


#90
Hexachloroethane
Concen: 46.192 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:117 Resp: 58750

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5



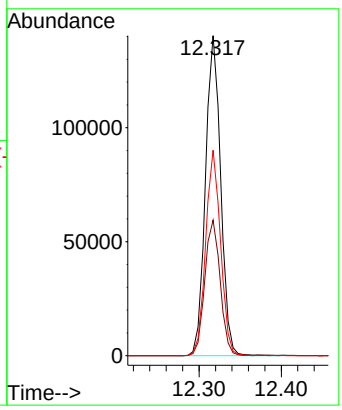


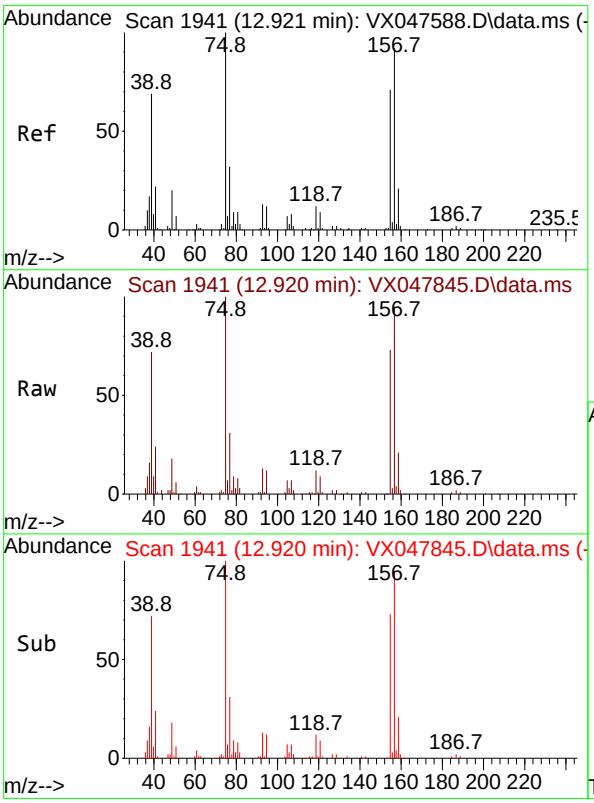
#91
1,2-Dichlorobenzene
Concen: 48.284 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:146 Resp: 180250

Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.2	66.6
148	62.8	31.8	95.4

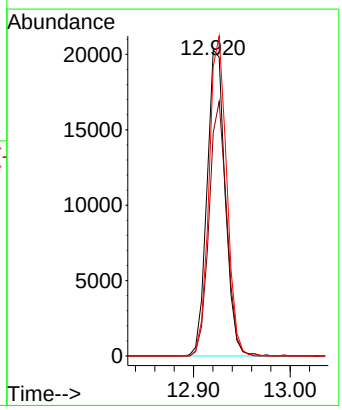


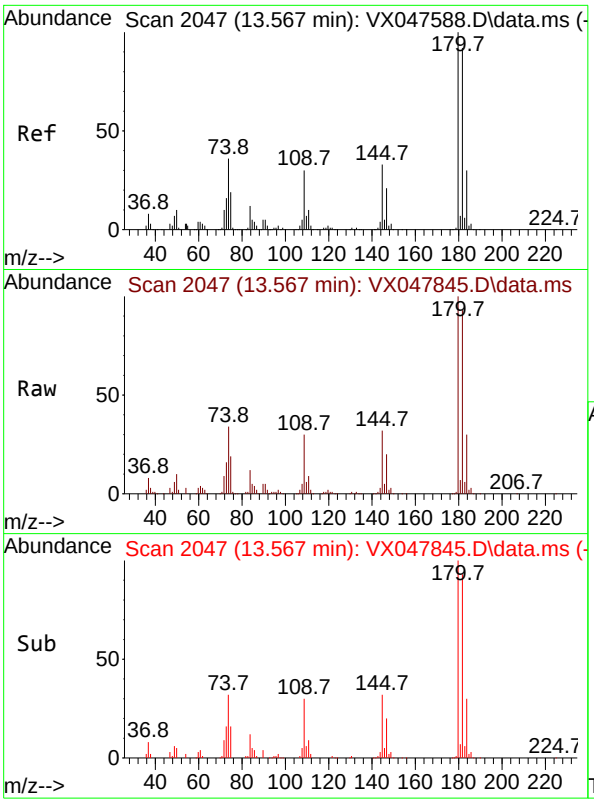


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.616 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion: 75 Resp: 26557

Ion	Ratio	Lower	Upper
75	100		
155	80.4	37.7	113.1
157	101.6	49.8	149.4



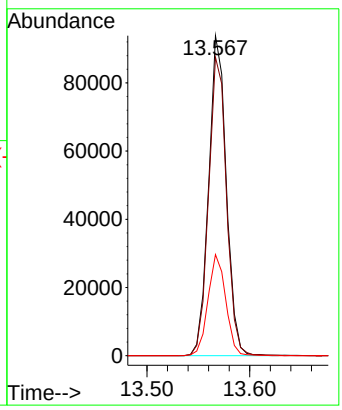


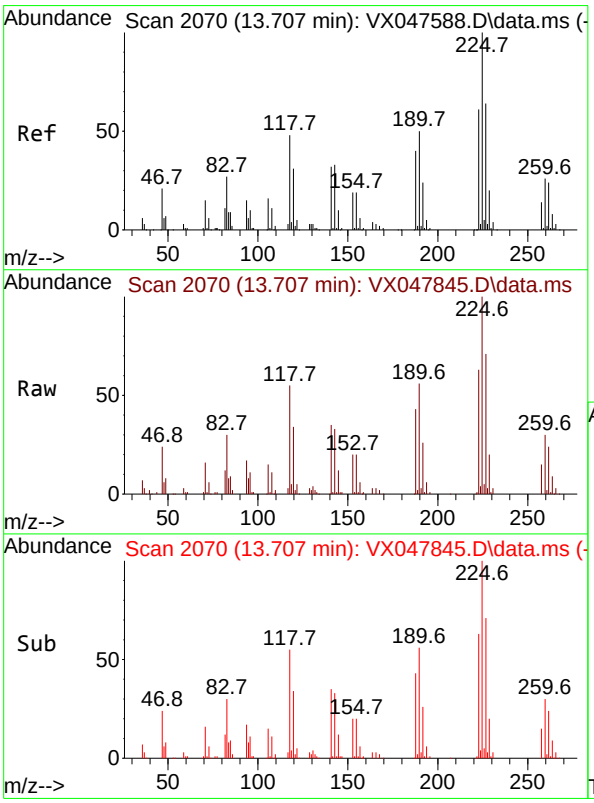
#93
1,2,4-Trichlorobenzene
Concen: 46.313 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:180 Resp: 112364

Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.6	139.8
145	31.8	16.4	49.1

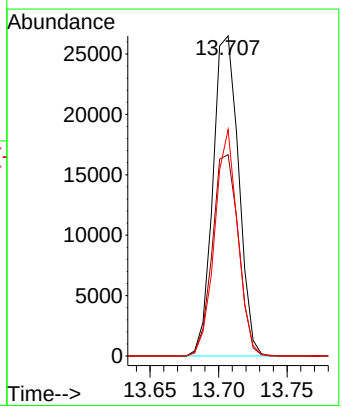


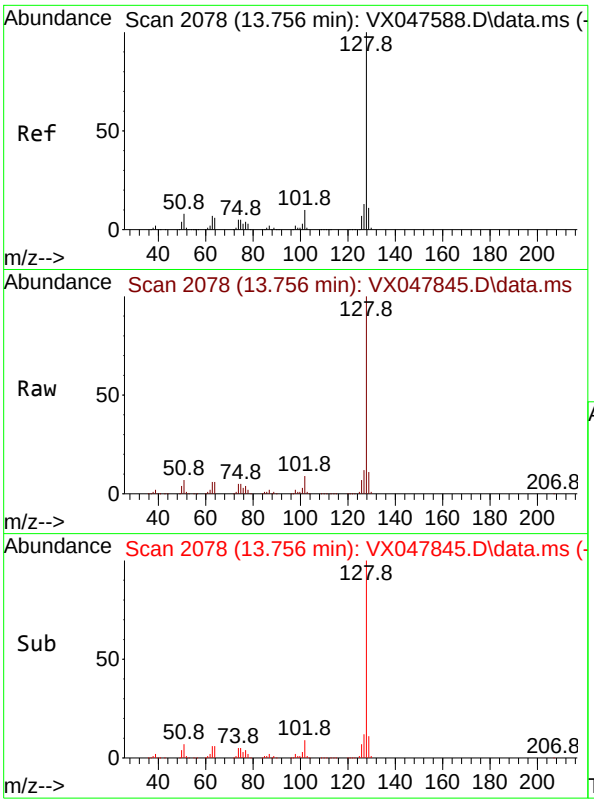


#94
Hexachlorobutadiene
Concen: 41.861 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:225 Resp: 34498

Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.7	95.1
227	63.3	32.0	96.0



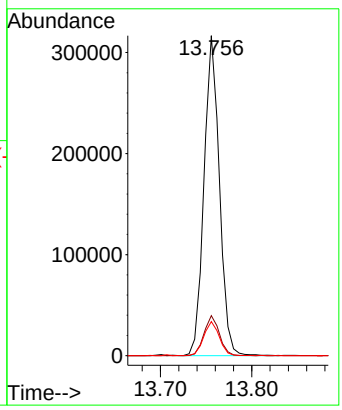


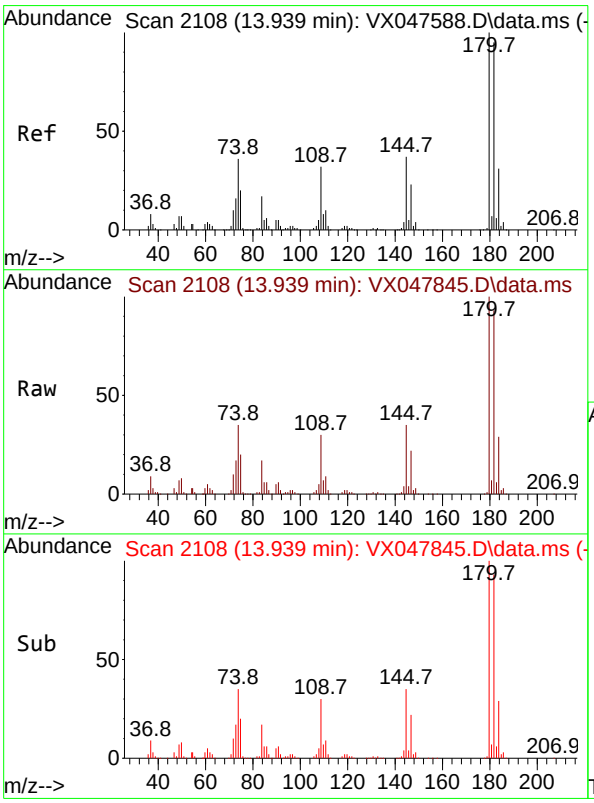
#95
Naphthalene
Concen: 50.167 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250916MSD

Tgt Ion:128 Resp: 370629

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.8	8.8	13.2

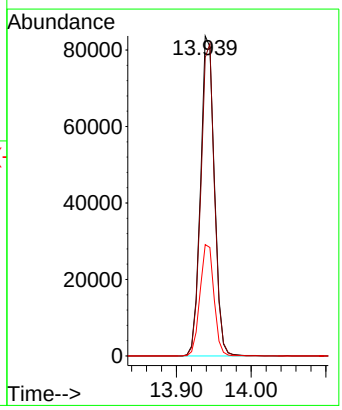




#96
1,2,3-Trichlorobenzene
Concen: 47.668 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047845.D
Acq: 26 Sep 2025 09:07

Tgt Ion:180 Resp: 107581

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.6	142.8
145	35.1	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	122728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	226924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104908	53.702	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.400%			
35) Dibromofluoromethane	5.373	113	81426	53.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.000%			
50) Toluene-d8	8.635	98	277443	52.686	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.380%			
62) 4-Bromofluorobenzene	11.061	95	106584	53.331	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	74375	58.523	ug/l	97
3) Chloromethane	1.301	50	90988	54.475	ug/l	97
4) Vinyl Chloride	1.380	62	93051	56.912	ug/l	98
5) Bromomethane	1.611	94	59411	57.303	ug/l	98
6) Chloroethane	1.691	64	61467	56.248	ug/l	100
7) Trichlorofluoromethane	1.892	101	132138	54.430	ug/l	100
8) Diethyl Ether	2.136	74	58278	58.684	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	78305	55.163	ug/l	99
10) Methyl Iodide	2.453	142	113946	51.469	ug/l	99
11) Tert butyl alcohol	2.947	59	66215	304.339	ug/l	99
12) 1,1-Dichloroethene	2.325	96	82441	56.539	ug/l	96
13) Acrolein	2.239	56	49002	244.406	ug/l	98
14) Allyl chloride	2.666	41	148128	49.230	ug/l	97
15) Acrylonitrile	3.056	53	259870	322.462	ug/l	99
16) Acetone	2.374	43	213449	251.295	ug/l	100
17) Carbon Disulfide	2.514	76	217239	54.421	ug/l	98
18) Methyl Acetate	2.697	43	128304	67.874	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	309590	58.162	ug/l	100
20) Methylene Chloride	2.788	84	103360	57.488	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	88722	56.516	ug/l	98
22) Diisopropyl ether	3.751	45	339588	58.235	ug/l	89
23) Vinyl Acetate	3.715	43	1365399	292.559	ug/l	100
24) 1,1-Dichloroethane	3.605	63	176663	56.999	ug/l	99
25) 2-Butanone	4.544	43	318394	300.509	ug/l	100
26) 2,2-Dichloropropane	4.465	77	67799	26.315	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	109875	57.150	ug/l	93
28) Bromochloromethane	4.891	49	74247	54.872	ug/l	99
29) Tetrahydrofuran	4.989	42	207019	324.797	ug/l	99
30) Chloroform	5.080	83	182880	58.390	ug/l	100
31) Cyclohexane	5.464	56	134385	52.059	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	148727	55.983	ug/l	99
36) 1,1-Dichloropropene	5.684	75	112915	50.775	ug/l	98
37) Ethyl Acetate	4.702	43	138799	58.292	ug/l	100
38) Carbon Tetrachloride	5.666	117	124307	51.447	ug/l	96
39) Methylcyclohexane	7.367	83	123946	49.101	ug/l	99
40) Benzene	6.025	78	371092	54.941	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	73445	59.748	ug/l		99
42) 1,2-Dichloroethane	6.074	62	140116	54.521	ug/l		98
43) Isopropyl Acetate	6.324	43	222742	57.038	ug/l		99
44) Trichloroethene	7.111	130	89171	54.607	ug/l		98
45) 1,2-Dichloropropane	7.415	63	98458	56.928	ug/l		100
46) Dibromomethane	7.568	93	71687	56.959	ug/l		97
47) Bromodichloromethane	7.806	83	147147	56.657	ug/l		97
48) Methyl methacrylate	7.677	41	112437	57.803	ug/l		97
49) 1,4-Dioxane	7.647	88	29787	1515.251	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	677440	312.881	ug/l		100
52) Toluene	8.702	92	230568	55.407	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	133000	50.205	ug/l		97
54) cis-1,3-Dichloropropene	8.354	75	142865	50.456	ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	94900	59.143	ug/l		99
56) Ethyl methacrylate	9.104	69	150069	59.552	ug/l		97
57) 1,3-Dichloropropane	9.293	76	161592	58.624	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	392274	320.095	ug/l		100
59) 2-Hexanone	9.415	43	471702	303.339	ug/l		98
60) Dibromochloromethane	9.506	129	110561	59.800	ug/l		100
61) 1,2-Dibromoethane	9.592	107	97806	59.844	ug/l		99
64) Tetrachloroethene	9.263	164	74341	54.685	ug/l		94
65) Chlorobenzene	10.061	112	257011	54.250	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	90553	55.391	ug/l		99
67) Ethyl Benzene	10.177	91	434237	53.122	ug/l		100
68) m/p-Xylenes	10.287	106	328215	107.876	ug/l		98
69) o-Xylene	10.628	106	161019	54.716	ug/l		98
70) Styrene	10.640	104	286806	55.621	ug/l		98
71) Bromoform	10.781	173	71210	58.336	ug/l	#	97
73) Isopropylbenzene	10.945	105	401797	51.224	ug/l		99
74) N-amyl acetate	10.829	43	193473	54.089	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	136670	57.589	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	143397	68.645	ug/l		88
77) Bromobenzene	11.183	156	102114	52.856	ug/l		97
78) n-propylbenzene	11.287	91	476952	51.437	ug/l		100
79) 2-Chlorotoluene	11.348	91	293217	51.630	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	332360	51.573	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	33564	40.974	ug/l		99
82) 4-Chlorotoluene	11.439	91	346044	51.591	ug/l		99
83) tert-Butylbenzene	11.695	119	334665	50.729	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	338744	51.846	ug/l		99
85) sec-Butylbenzene	11.872	105	400657	51.130	ug/l		99
86) p-Isopropyltoluene	11.994	119	337869	50.930	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	189590	52.835	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	190455	51.714	ug/l		99
89) n-Butylbenzene	12.317	91	306387	49.913	ug/l		99
90) Hexachloroethane	12.518	117	61230	52.570	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	185133	54.154	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	27467	57.166	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	116711	52.530	ug/l		99
94) Hexachlorobutadiene	13.707	225	37538	49.740	ug/l		98
95) Naphthalene	13.756	128	378188	55.899	ug/l		100
96) 1,2,3-Trichlorobenzene	13.945	180	113759	55.042	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

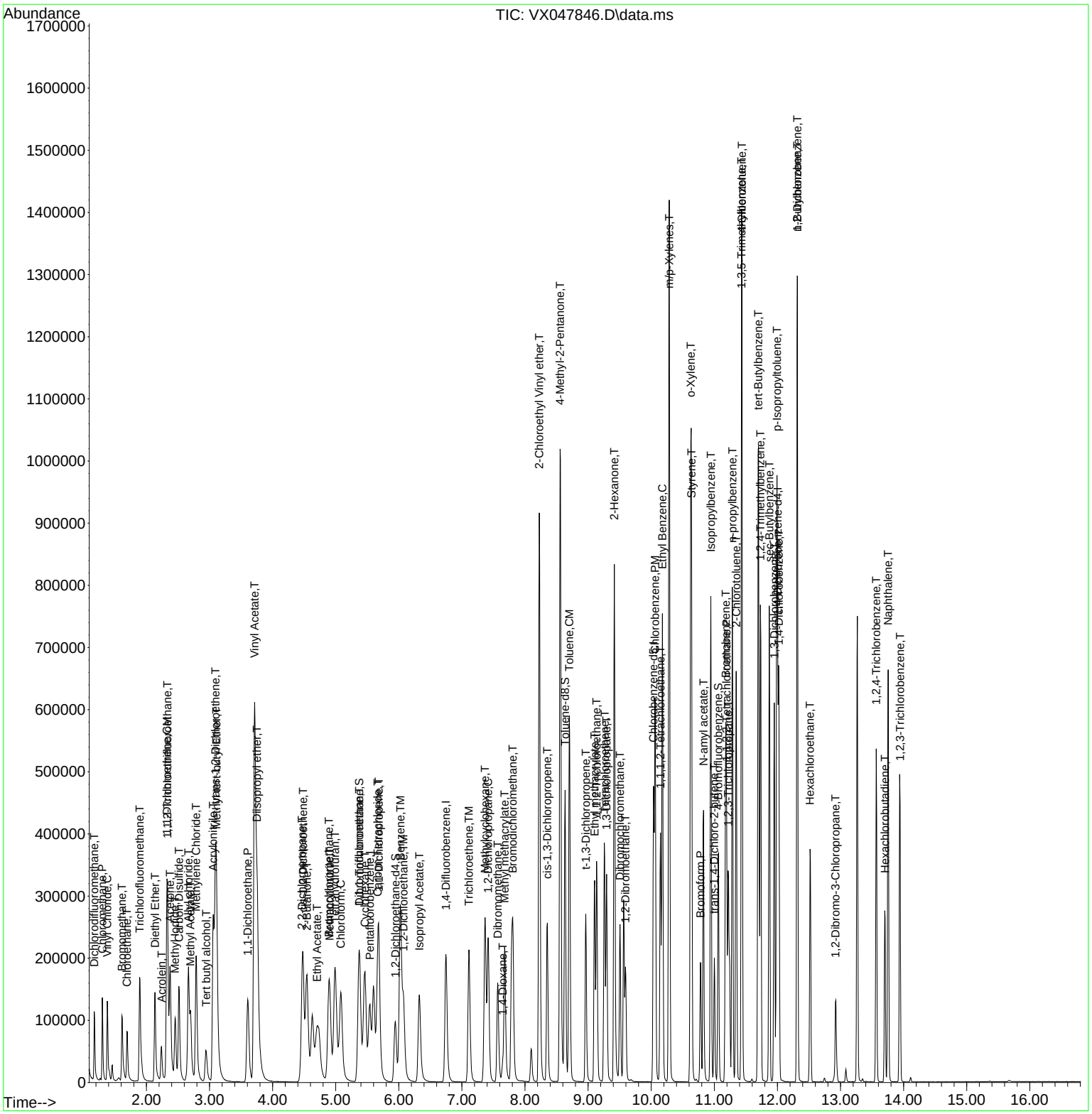
(#) = qualifier out of range (m) = manual integration (+) = signals summed

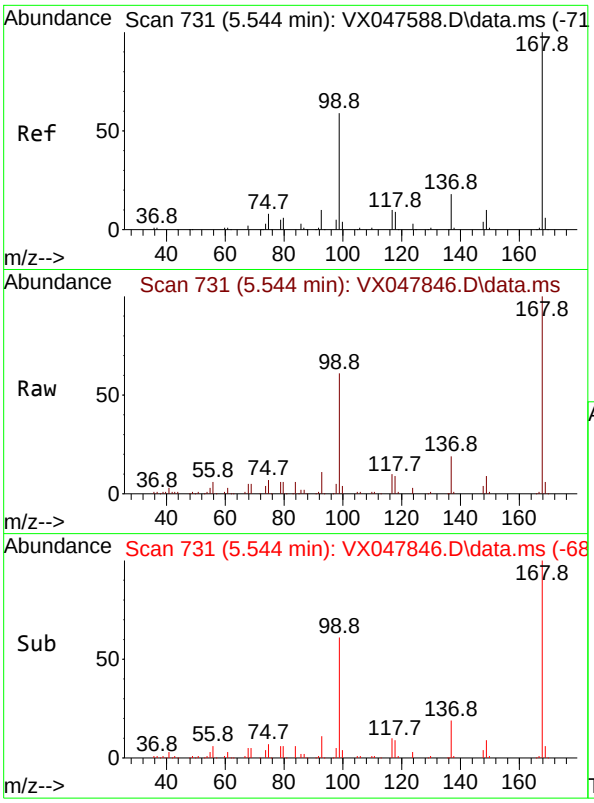
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047846.D
Acq On : 26 Sep 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 26 22:52:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



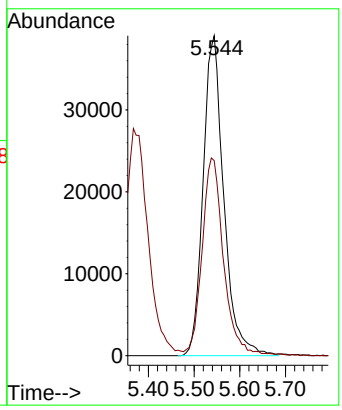


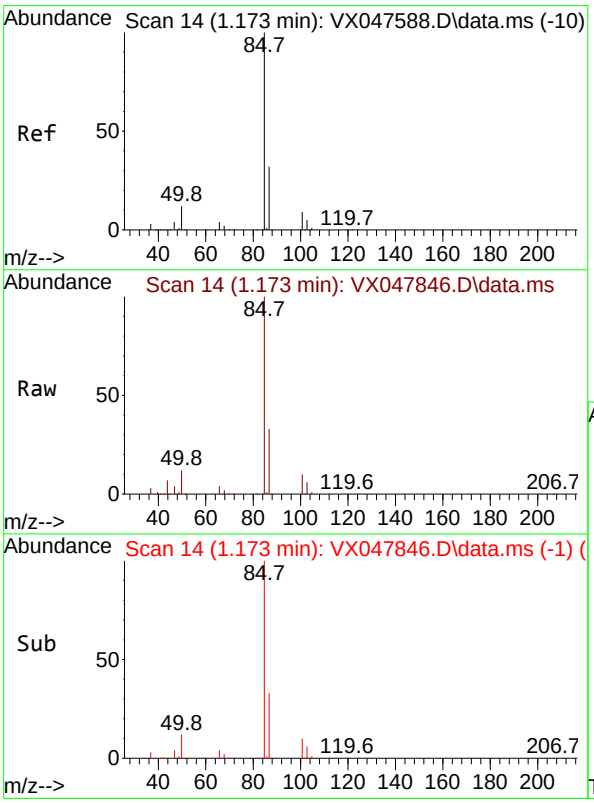
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 122728

Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.8	73.2

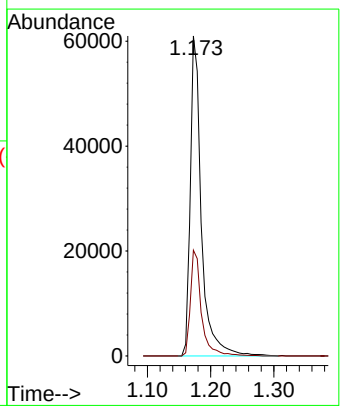


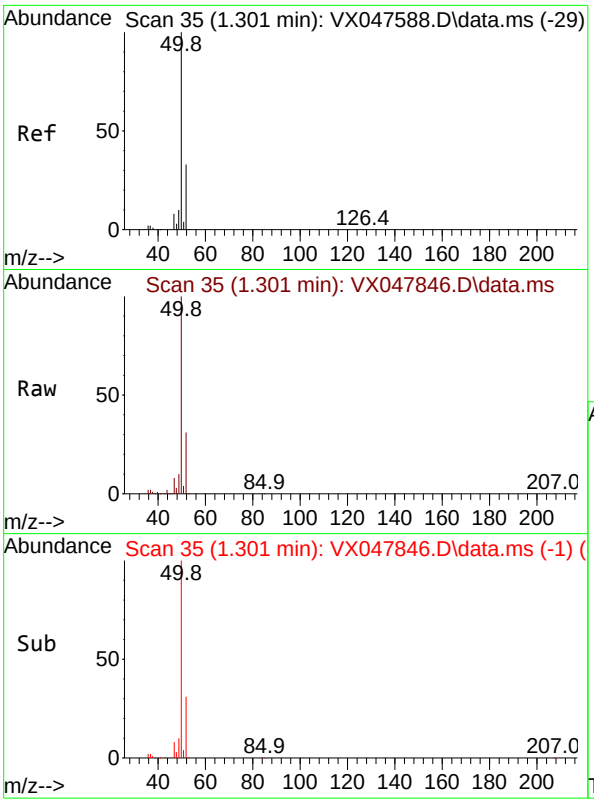


#2
Dichlorodifluoromethane
Concen: 58.523 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 85 Resp: 74375

Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.8	47.3



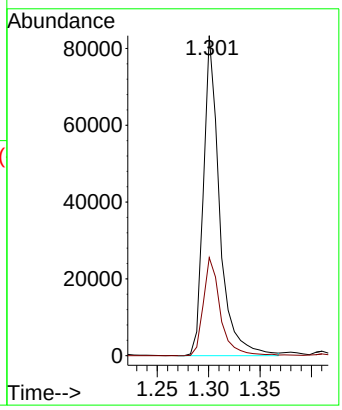


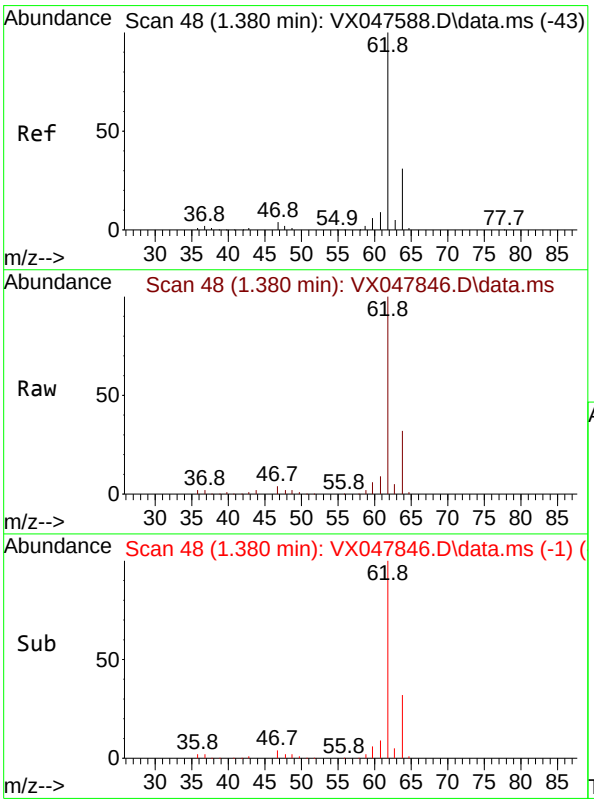
#3
Chloromethane
Concen: 54.475 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 90988

Ion	Ratio	Lower	Upper
50	100		
52	30.6	26.1	39.1

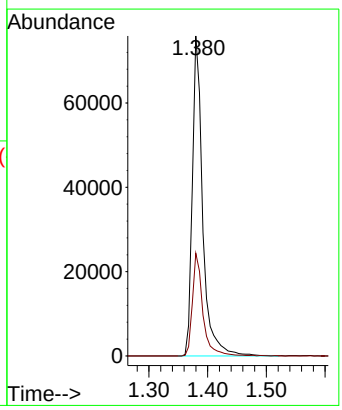


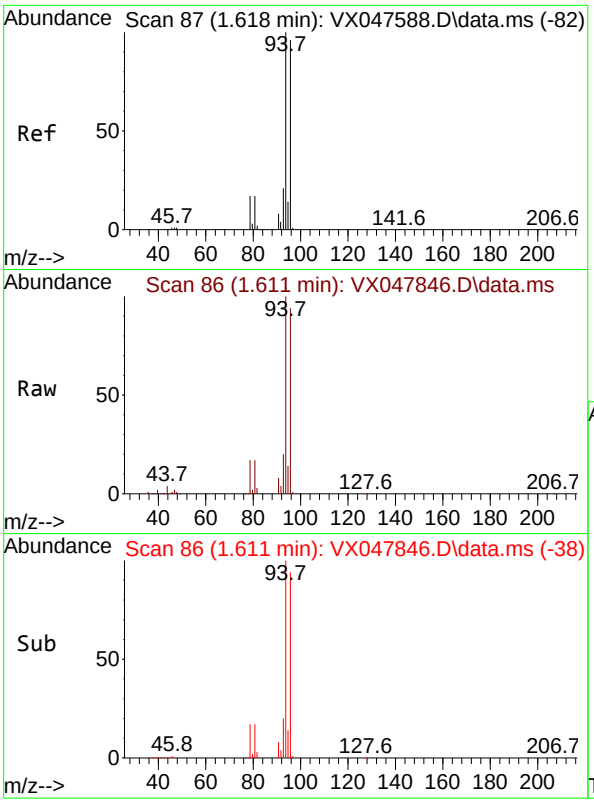


#4
Vinyl Chloride
Concen: 56.912 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 62 Resp: 93051

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3



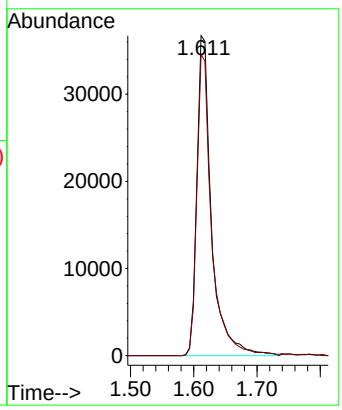


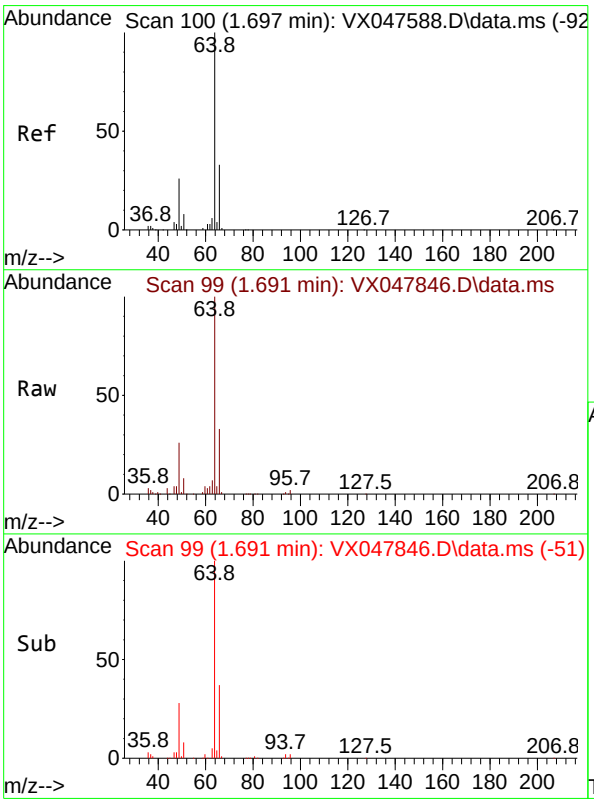
#5
Bromomethane
Concen: 57.303 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 59411

Ion	Ratio	Lower	Upper
94	100		
96	94.2	76.6	115.0

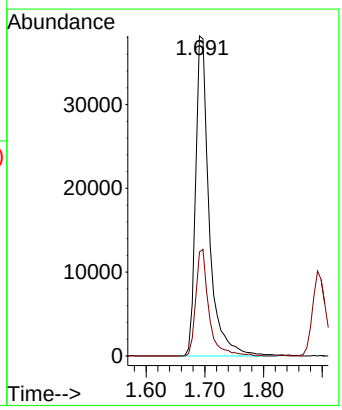


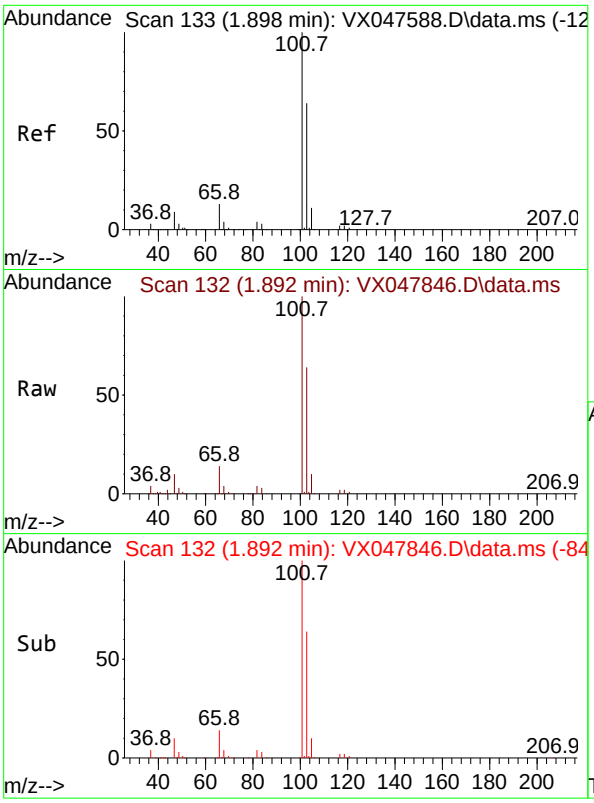


#6
Chloroethane
Concen: 56.248 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 64 Resp: 61467

Ion	Ratio	Lower	Upper
64	100		
66	32.5	26.1	39.1



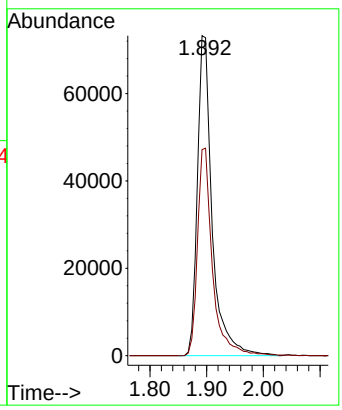


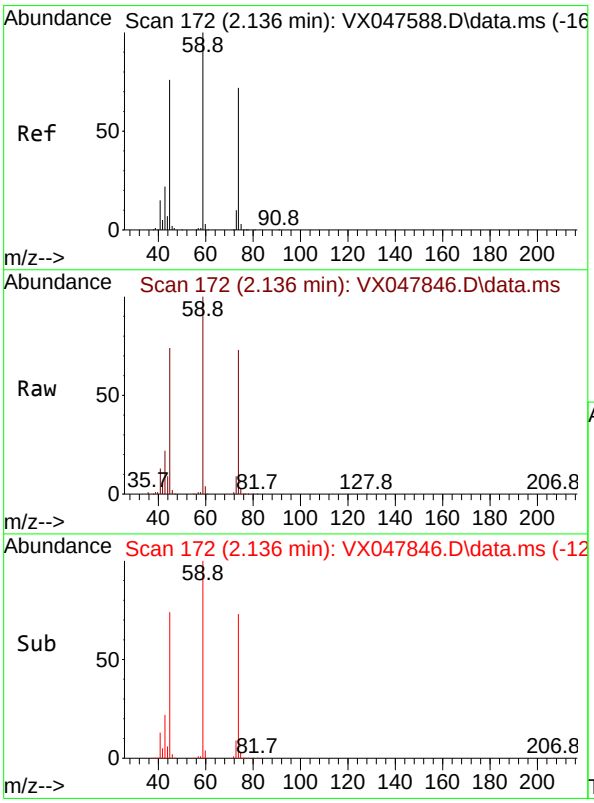
#7
Trichlorofluoromethane
Concen: 54.430 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 132138

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2

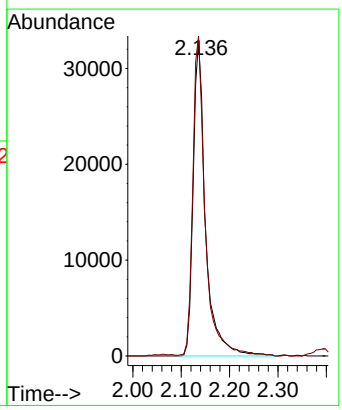


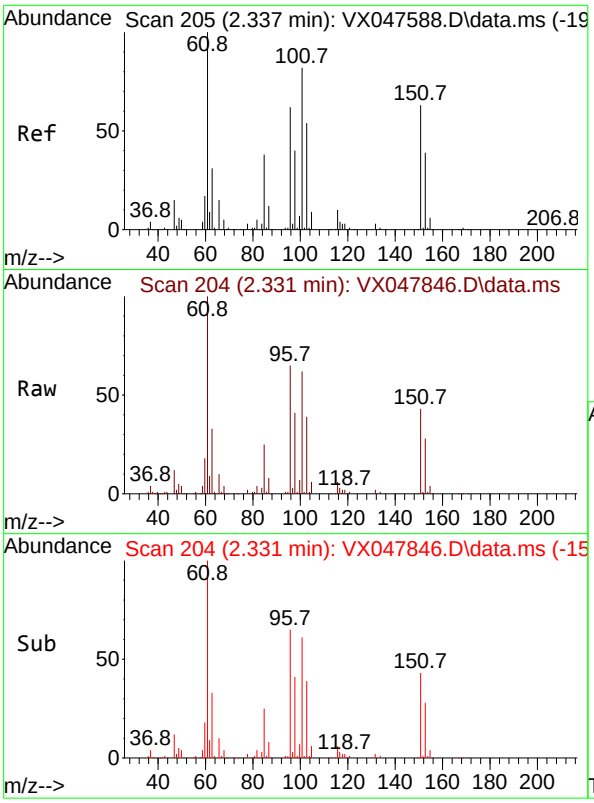


#8
Diethyl Ether
Concen: 58.684 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 74 Resp: 58278

Ion	Ratio	Lower	Upper
74	100		
45	101.9	52.3	156.8



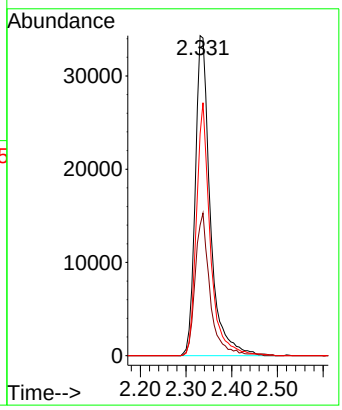


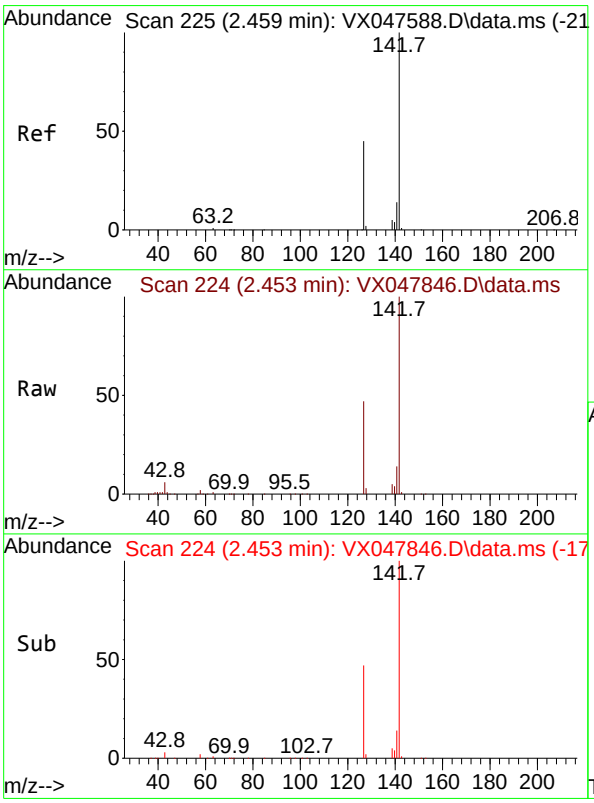
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.163 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 78305

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.5	53.3
151	73.2	59.4	89.0

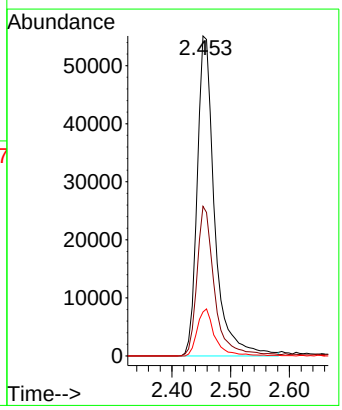


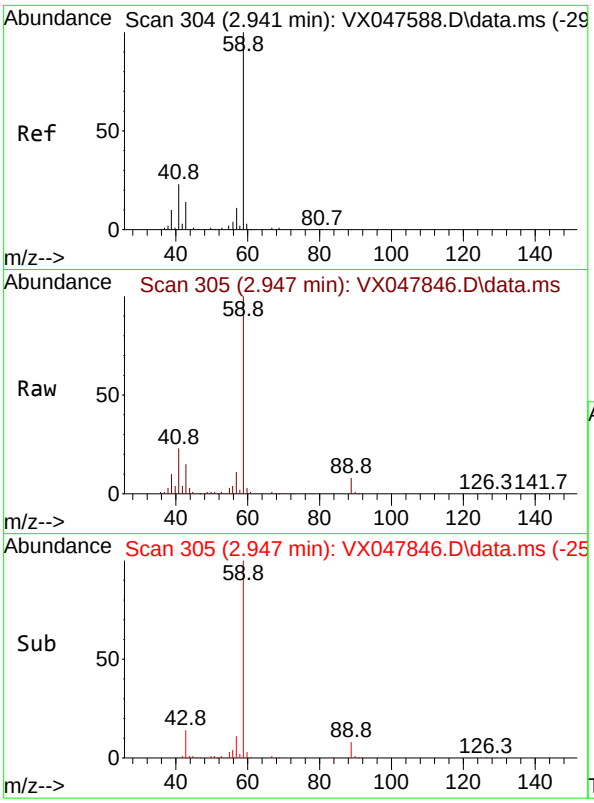


#10
Methyl Iodide
Concen: 51.469 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:142 Resp: 113946

Ion	Ratio	Lower	Upper
142	100		
127	47.1	37.2	55.8
141	14.8	11.4	17.0



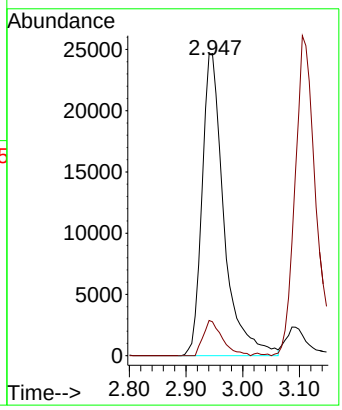


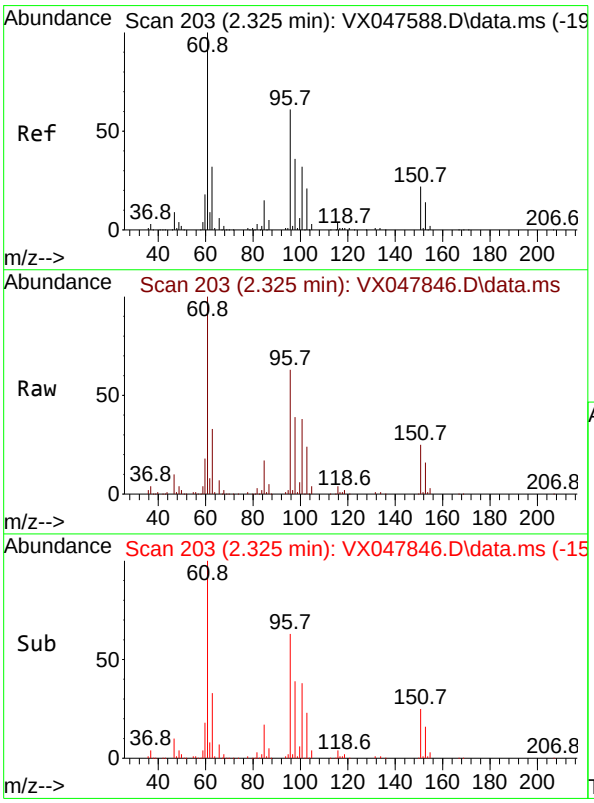
#11
Tert butyl alcohol
Concen: 304.339 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 66215

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

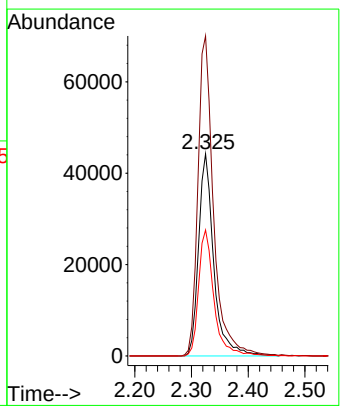


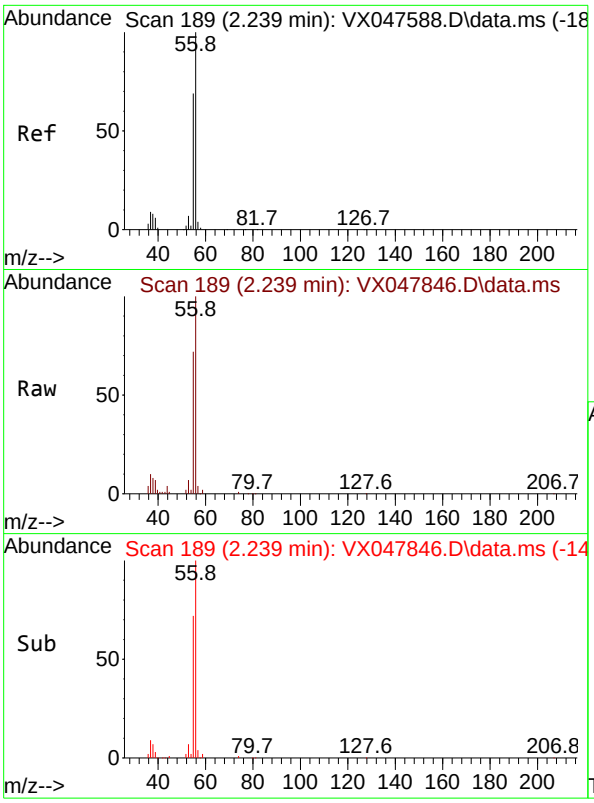


#12
1,1-Dichloroethene
Concen: 56.539 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 96 Resp: 82441

Ion	Ratio	Lower	Upper
96	100		
61	158.3	131.0	196.6
98	62.3	47.7	71.5



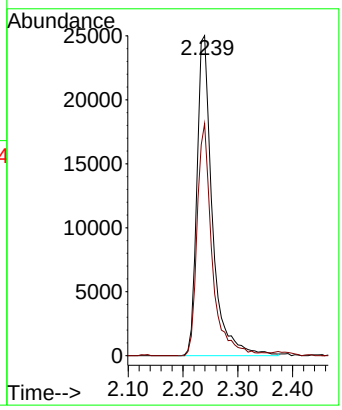


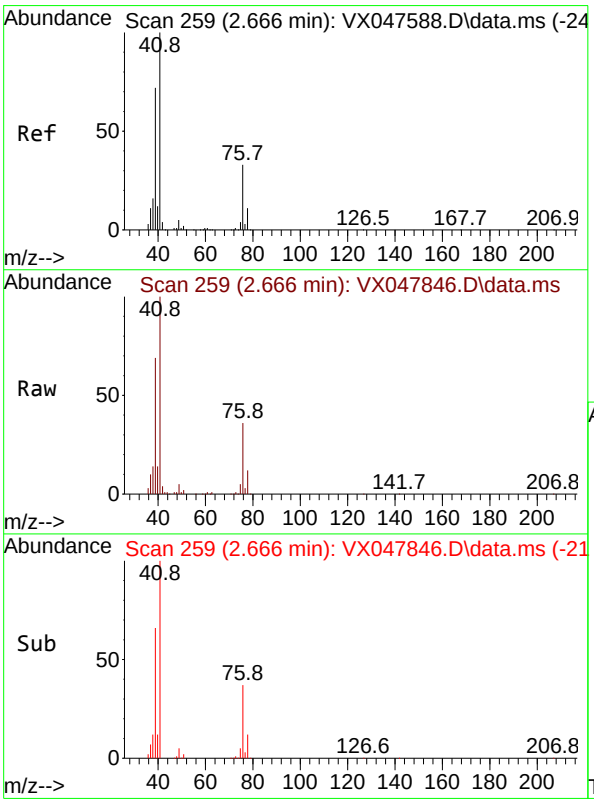
#13
Acrolein
Concen: 244.406 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 49002

Ion	Ratio	Lower	Upper
56	100		
55	70.2	57.2	85.8

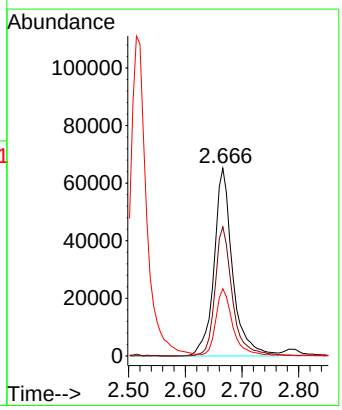


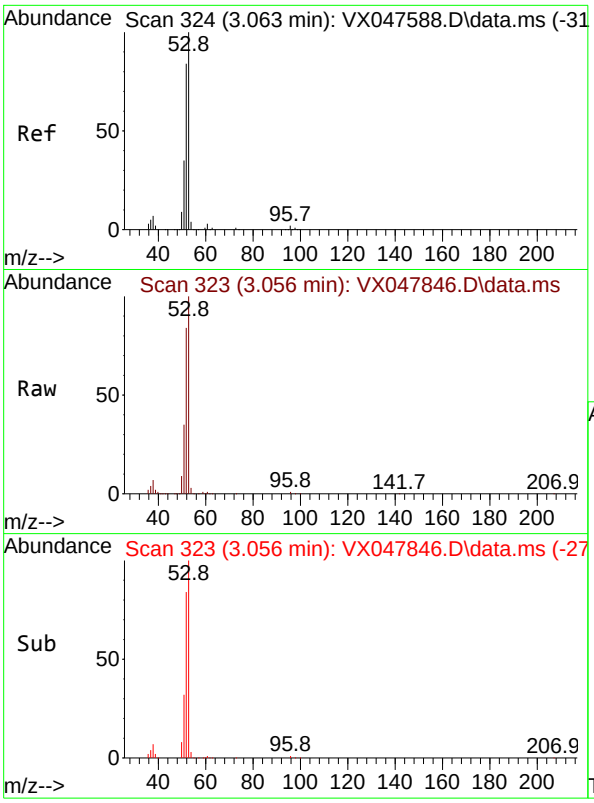


#14
Allyl chloride
Concen: 49.230 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 41 Resp: 148128

Ion	Ratio	Lower	Upper
41	100		
39	64.7	54.7	82.1
76	32.7	25.7	38.5



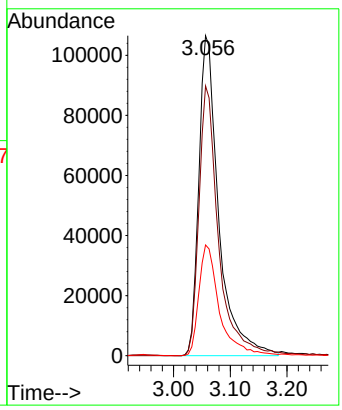


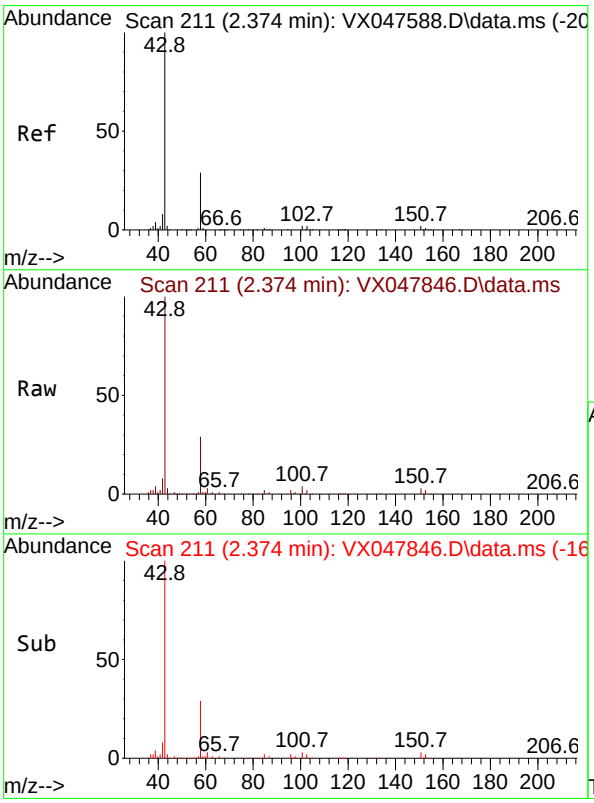
#15
Acrylonitrile
Concen: 322.462 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 259870

Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.4	99.6
51	36.2	29.5	44.3

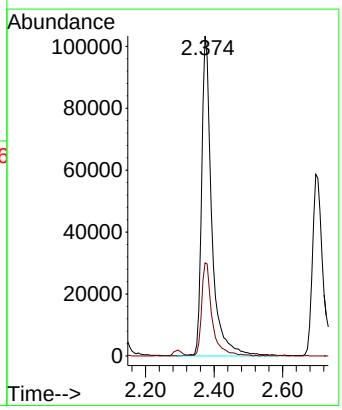


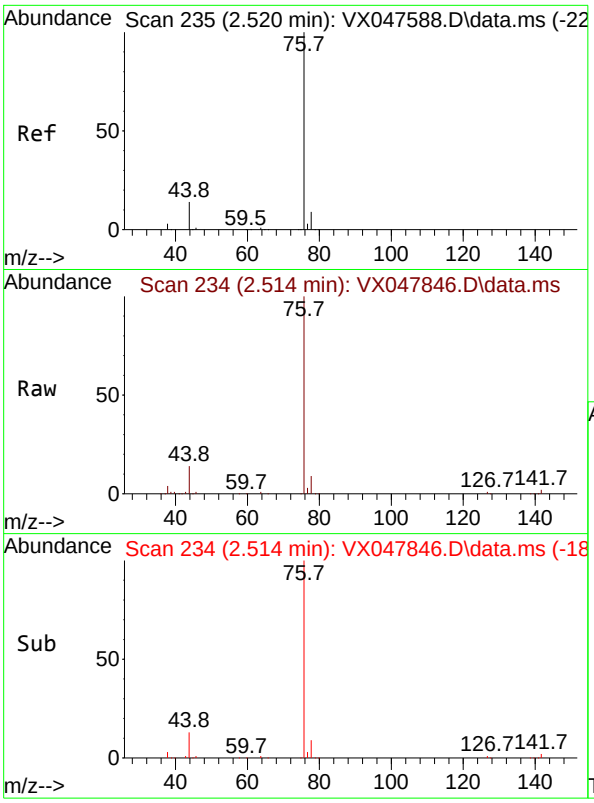


#16
Acetone
Concen: 251.295 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 213449

Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.4	35.0



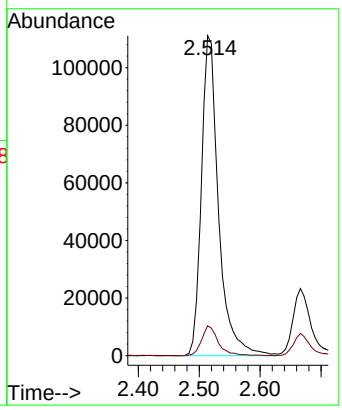


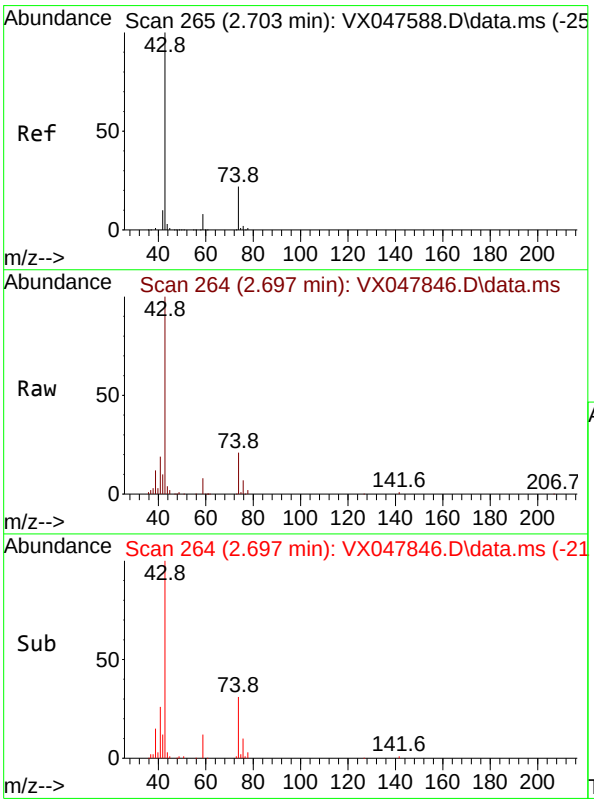
#17
Carbon Disulfide
Concen: 54.421 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 217239

Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.8	10.2

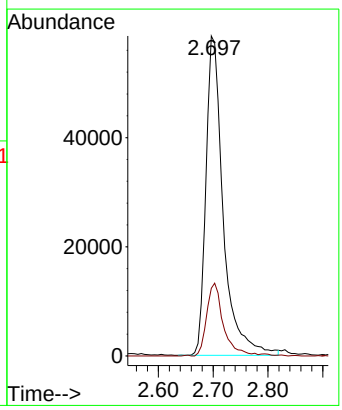


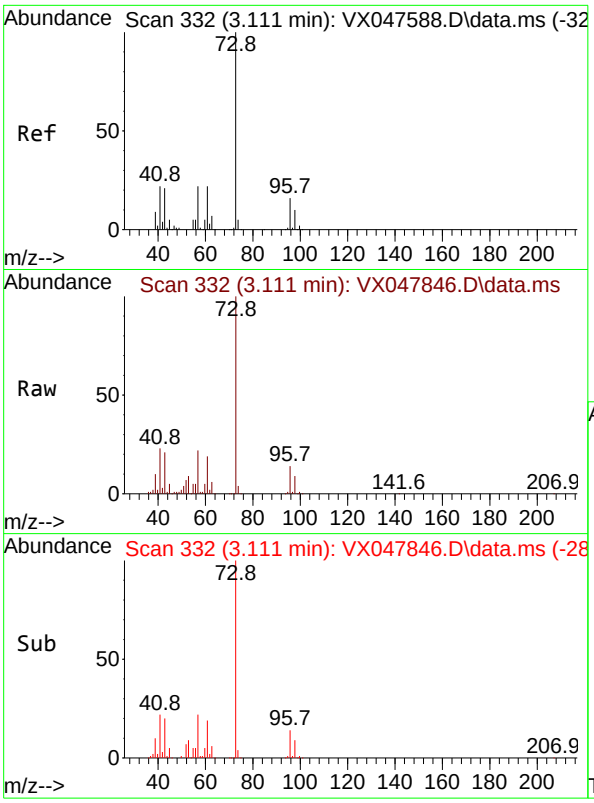


#18
Methyl Acetate
Concen: 67.874 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 128304

Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.4	26.2



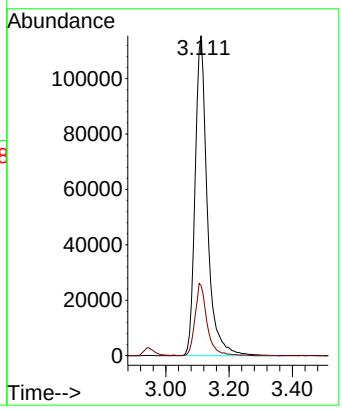


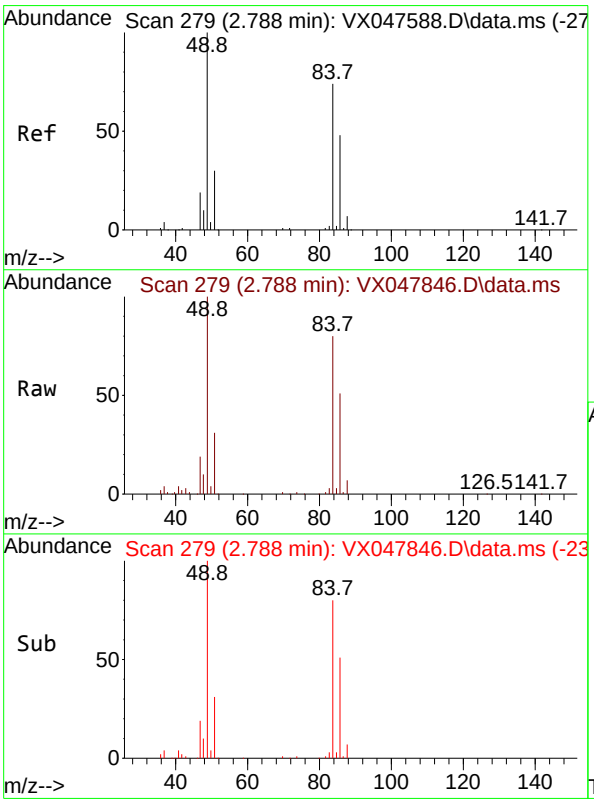
#19
Methyl tert-butyl Ether
Concen: 58.162 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 309590

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.2

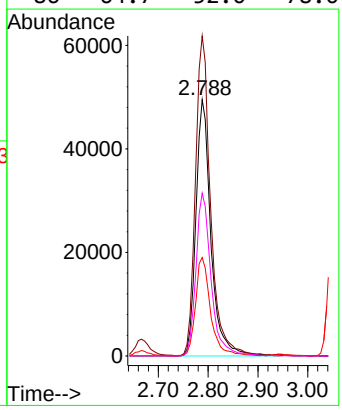


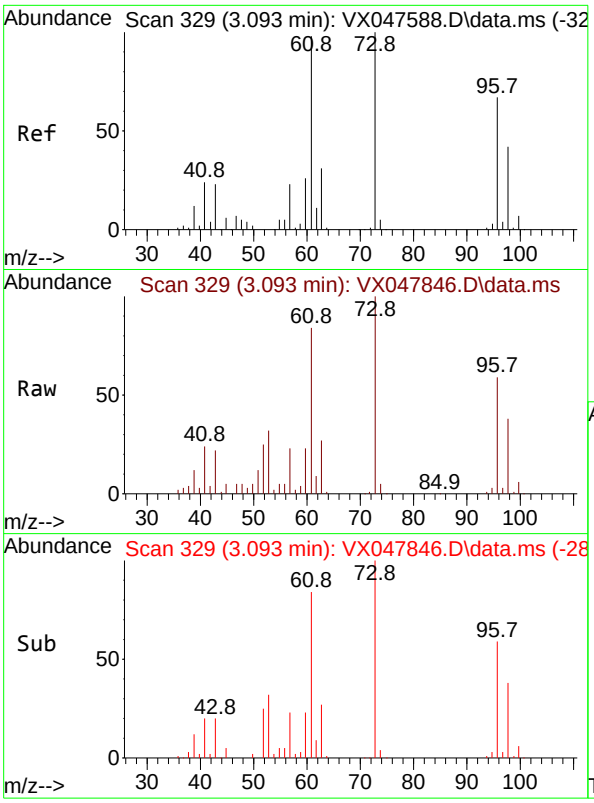


#20
Methylene Chloride
Concen: 57.488 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 84 Resp: 103360

Ion	Ratio	Lower	Upper
84	100		
49	124.6	108.6	162.8
51	38.4	32.6	48.8
86	64.7	52.0	78.0



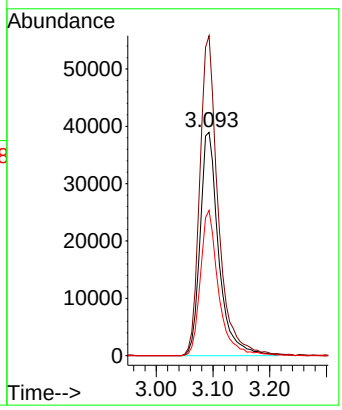


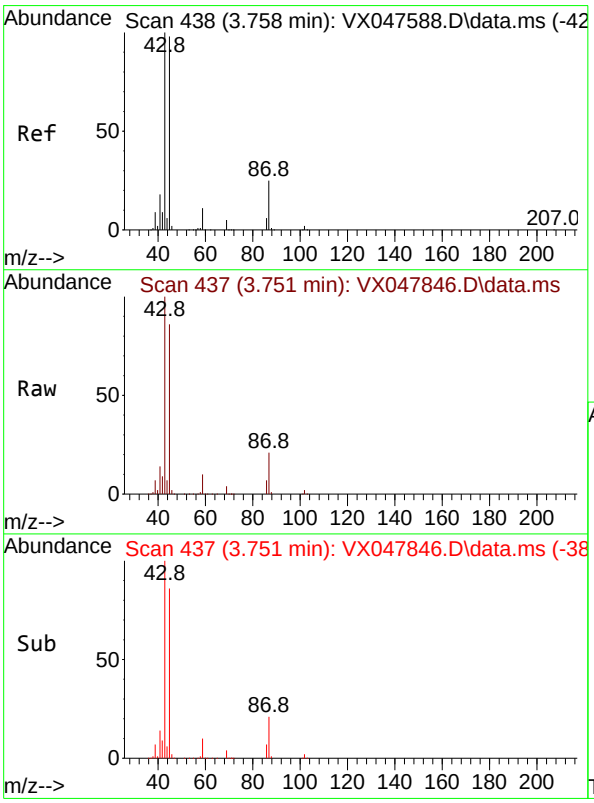
#21
trans-1,2-Dichloroethene
Concen: 56.516 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 88722

Ion	Ratio	Lower	Upper
96	100		
61	143.3	116.2	174.2
98	65.0	49.3	73.9

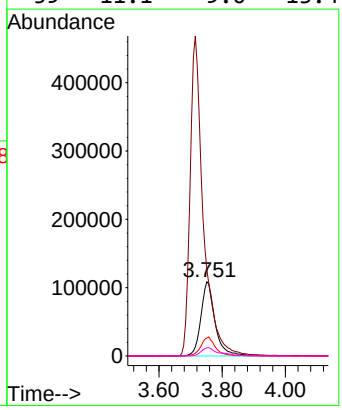


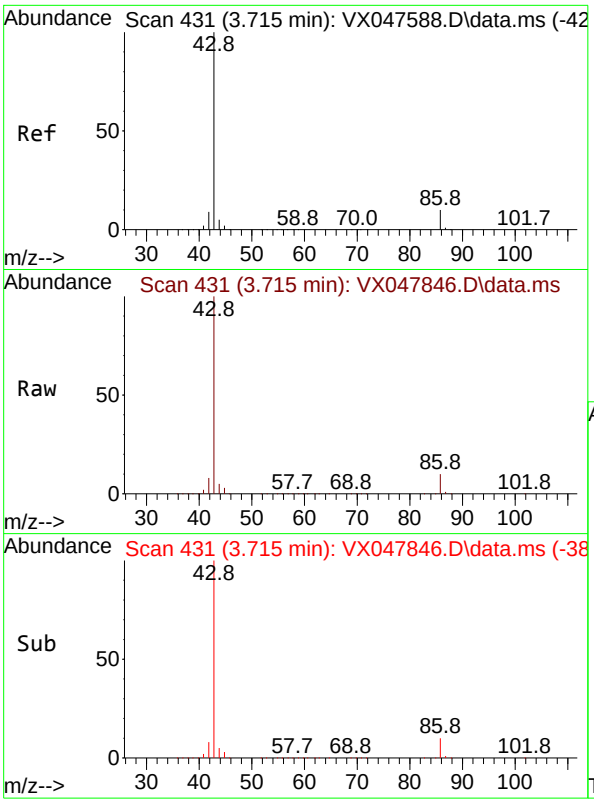


#22
Diisopropyl ether
Concen: 58.235 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 45 Resp: 339588

Ion	Ratio	Lower	Upper
45	100		
43	116.2	81.0	121.4
87	24.1	20.3	30.5
59	11.1	9.0	13.4



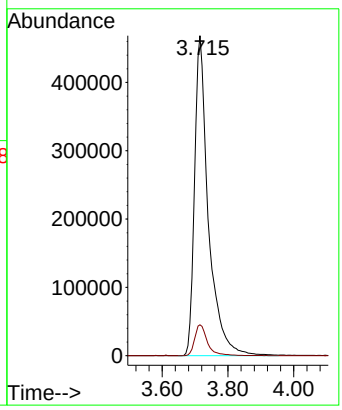


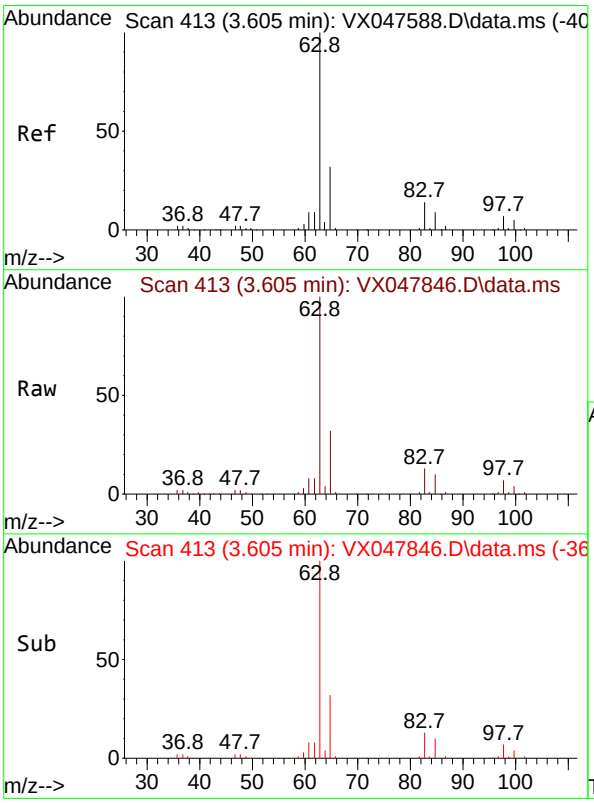
#23
Vinyl Acetate
Concen: 292.559 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1365399

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.8	11.8

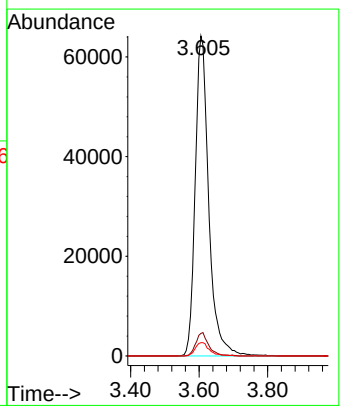


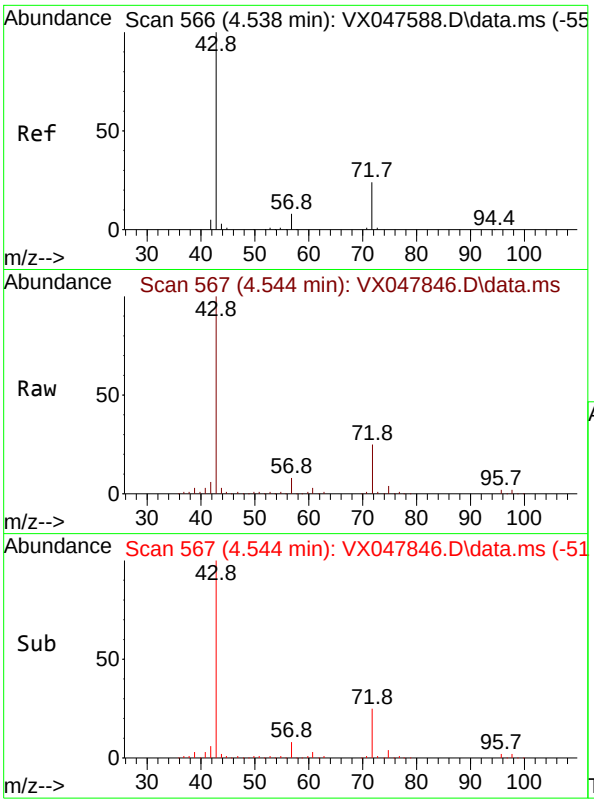


#24
1,1-Dichloroethane
Concen: 56.999 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 63 Resp: 176663

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.2
100	4.4	2.3	6.9



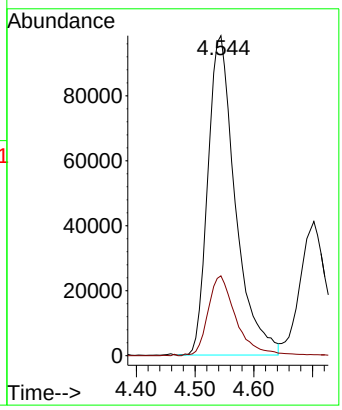


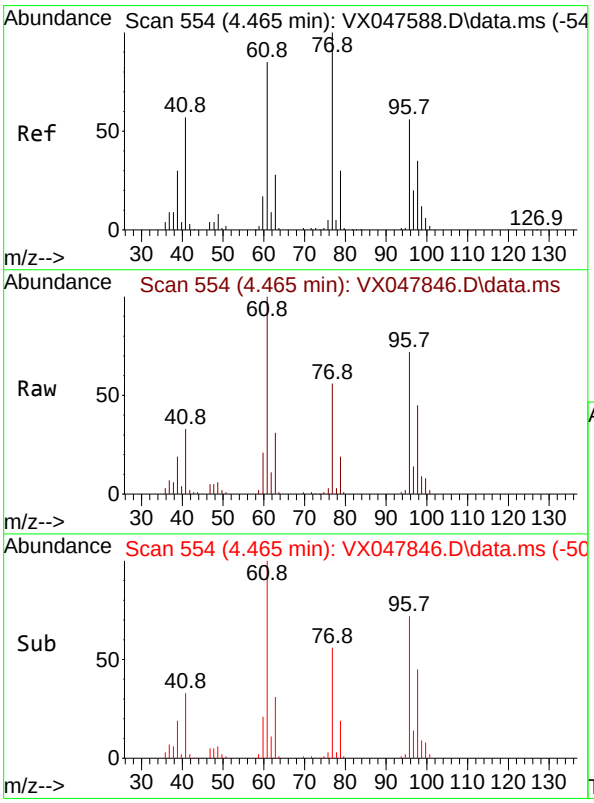
#25
2-Butanone
Concen: 300.509 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 318394

Ion	Ratio	Lower	Upper
43	100		
72	25.0	20.1	30.1

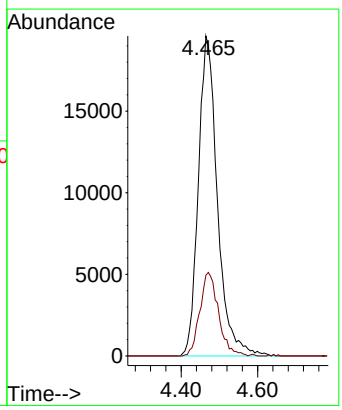


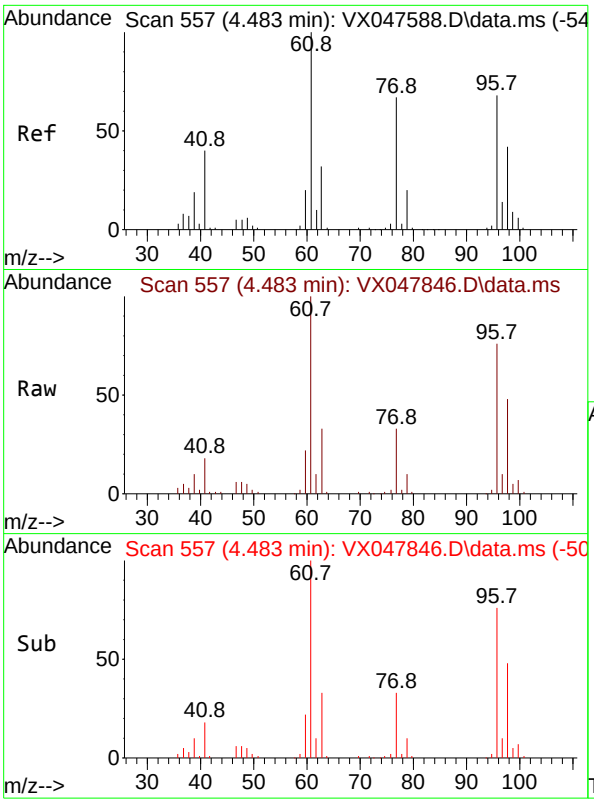


#26
2,2-Dichloropropane
Concen: 26.315 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 77 Resp: 67799

Ion	Ratio	Lower	Upper
77	100		
97	25.6	10.9	32.7



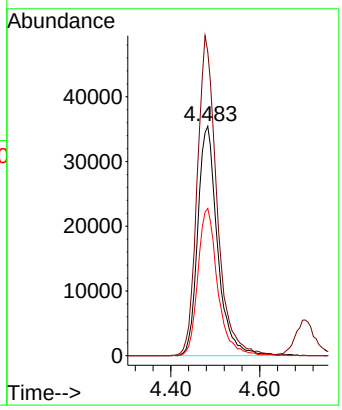


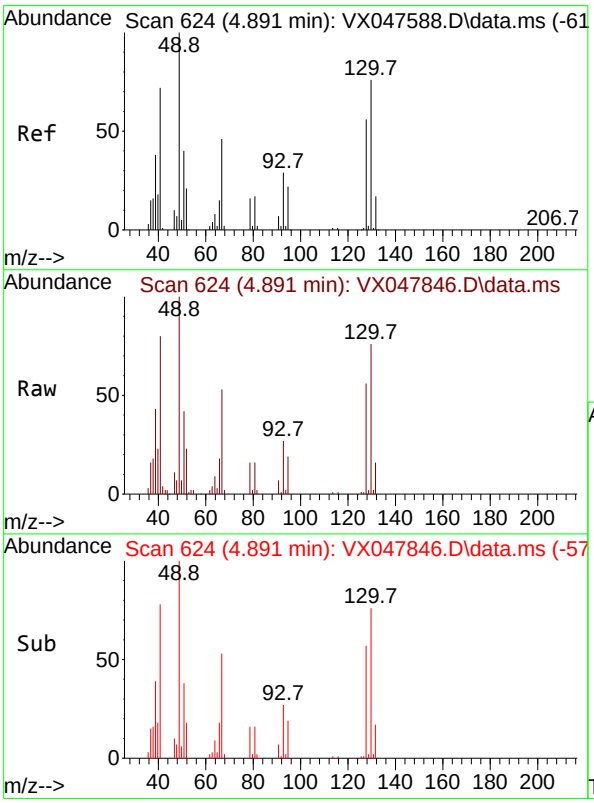
#27
cis-1,2-Dichloroethene
Concen: 57.150 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 109875

Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	303.2
98	63.9	0.0	127.8

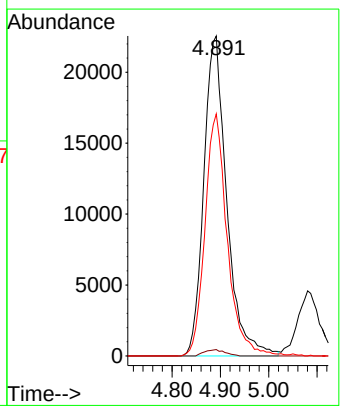


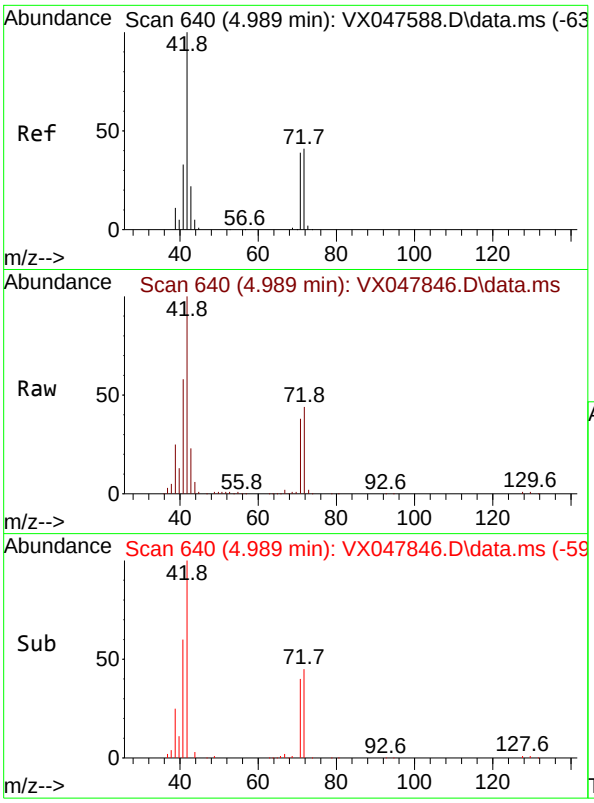


#28
Bromochloromethane
Concen: 54.872 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 49 Resp: 74247

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	73.5	57.8	86.8



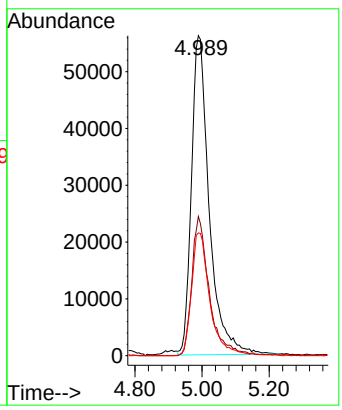


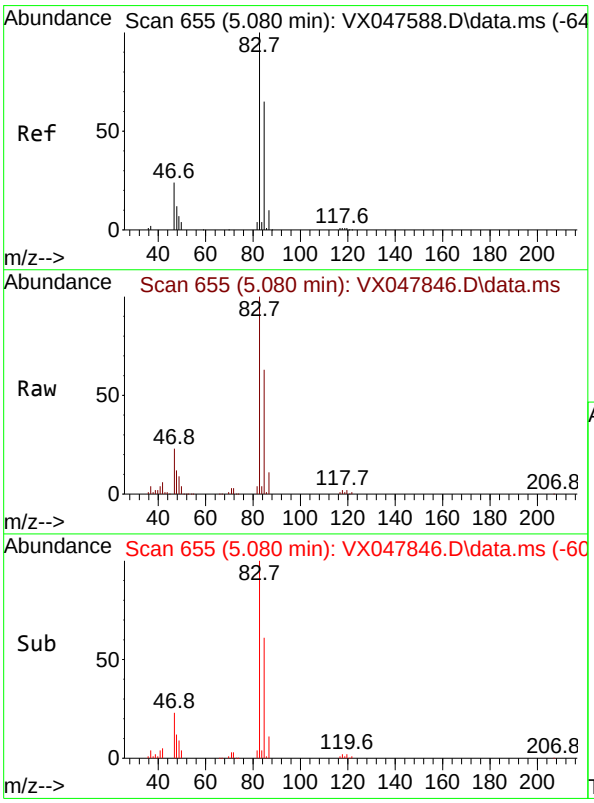
#29
Tetrahydrofuran
Concen: 324.797 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 207019

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.2
71	39.1	31.9	47.9

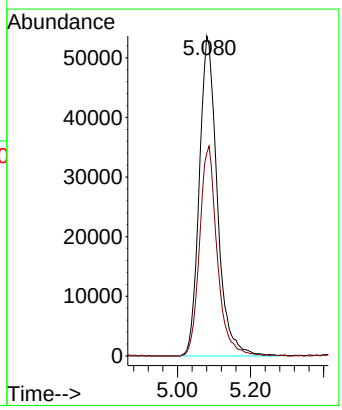


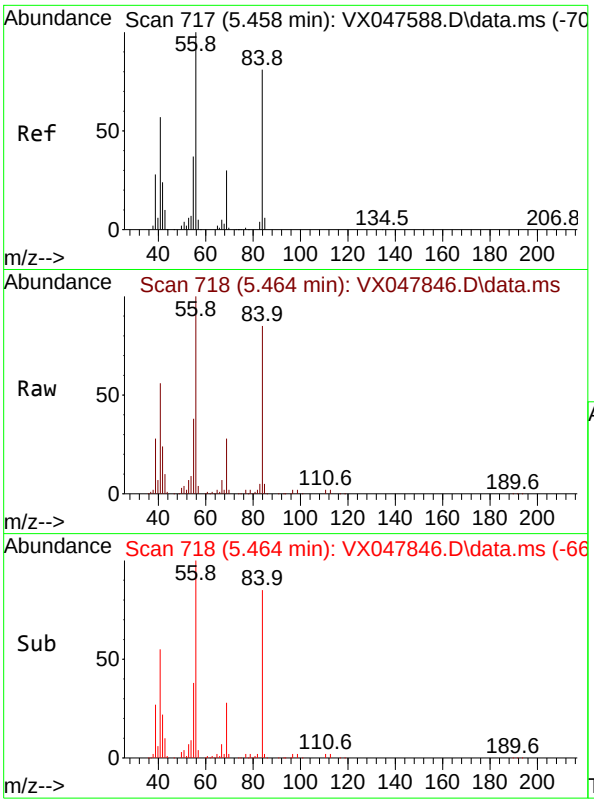


#30
Chloroform
Concen: 58.390 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 83 Resp: 182880

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.6



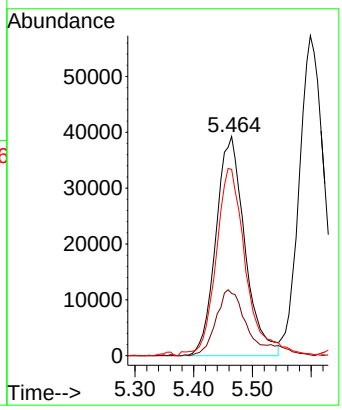


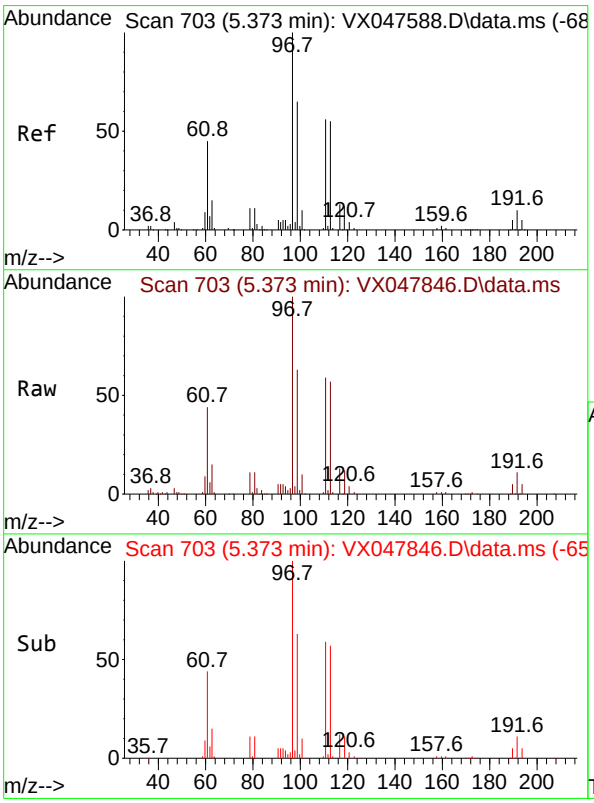
#31
Cyclohexane
Concen: 52.059 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 134385

Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.8	35.8
84	85.0	64.6	97.0

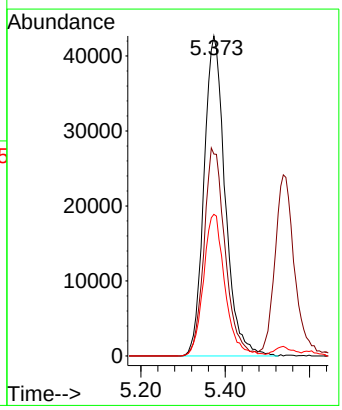


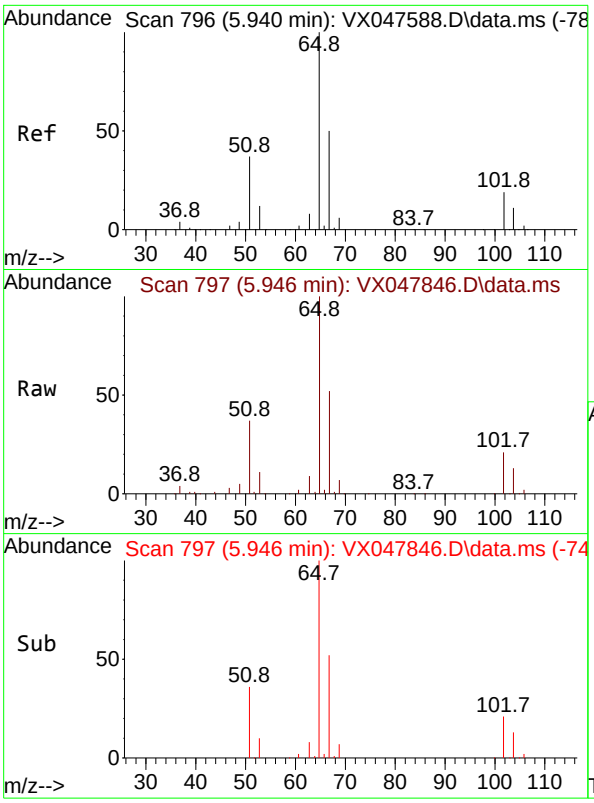


#32
1,1,1-Trichloroethane
Concen: 55.983 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 97 Resp: 148727

Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.6	76.0
61	45.0	35.8	53.8



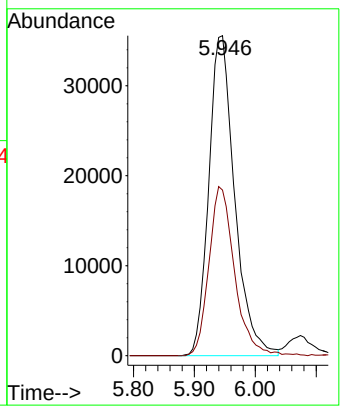


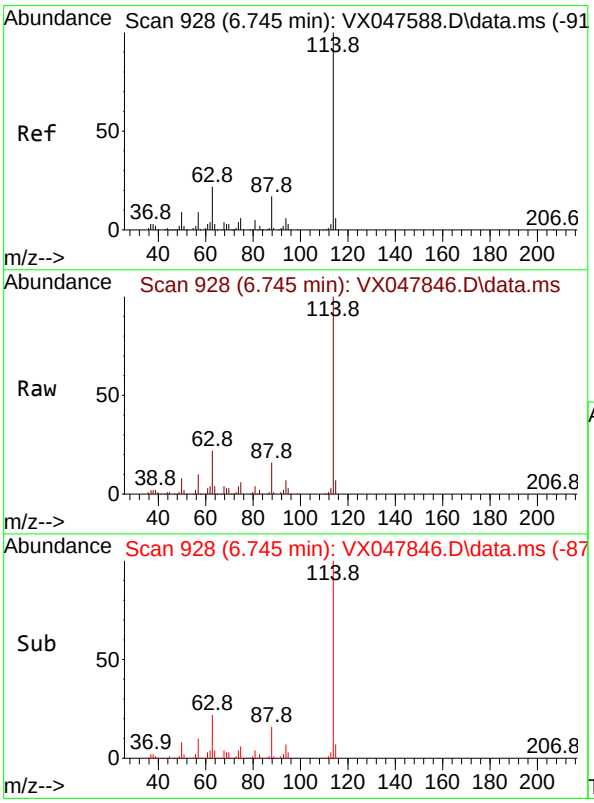
#33
1,2-Dichloroethane-d4
Concen: 53.702 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 104908

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.0

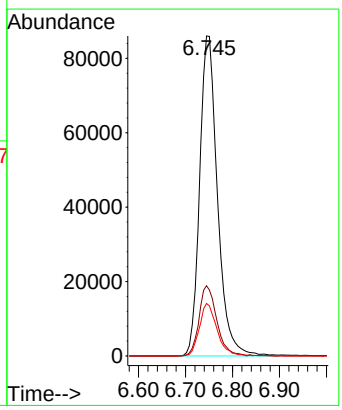


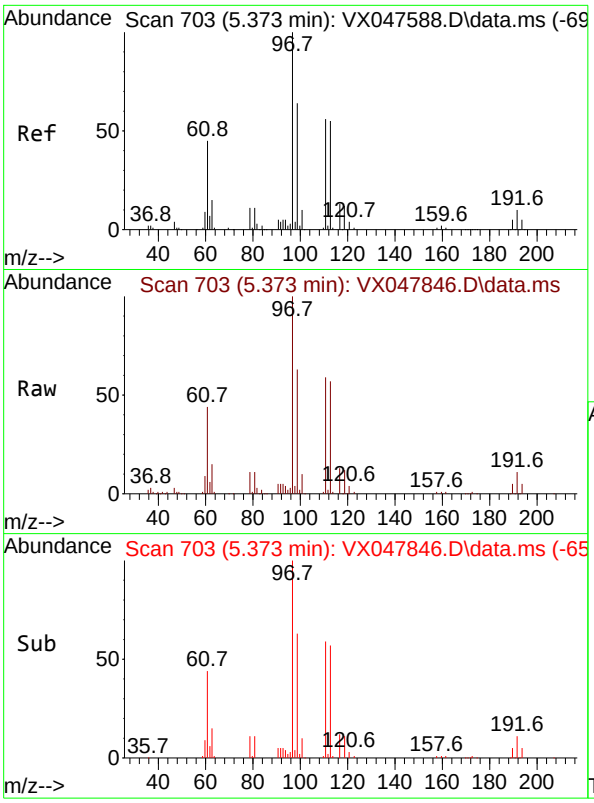


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:114 Resp: 226924

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.0
88	16.4	0.0	34.2



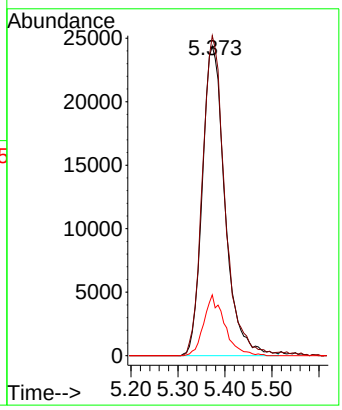


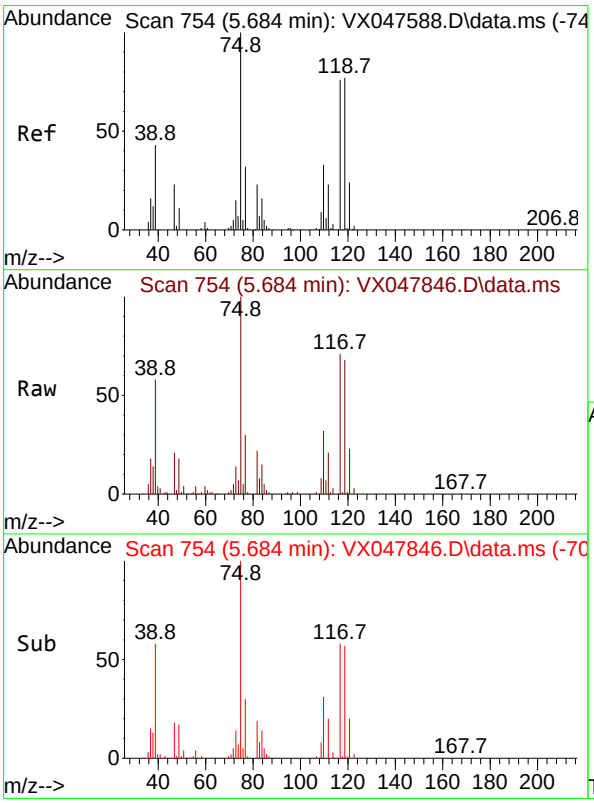
#35
Dibromofluoromethane
Concen: 53.504 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 81426

Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.9	121.3
192	18.2	14.2	21.4

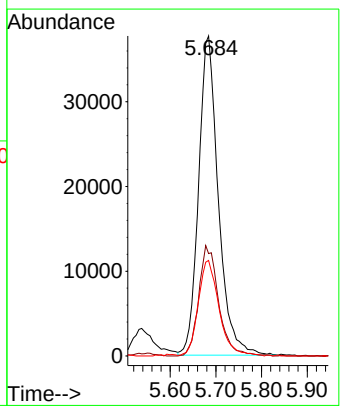


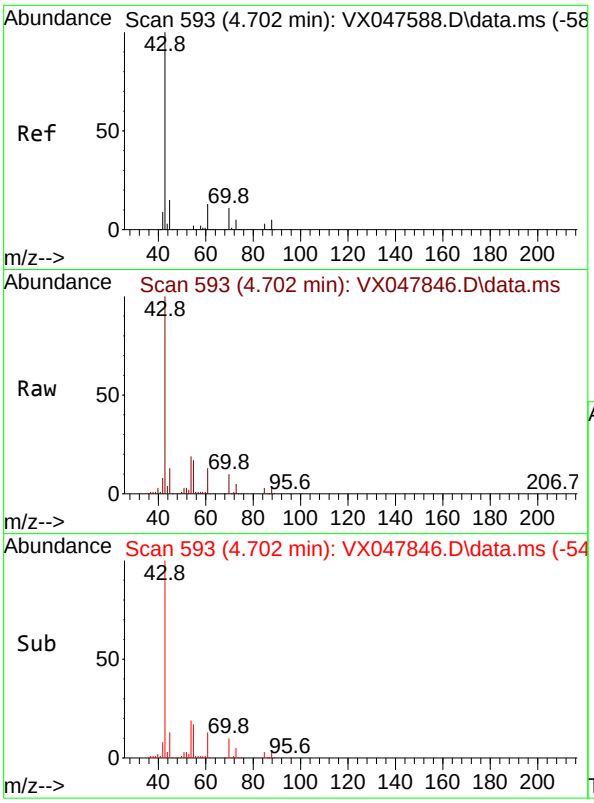


#36
1,1-Dichloropropene
Concen: 50.775 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 112915

Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.7	50.1
77	31.5	24.3	36.5



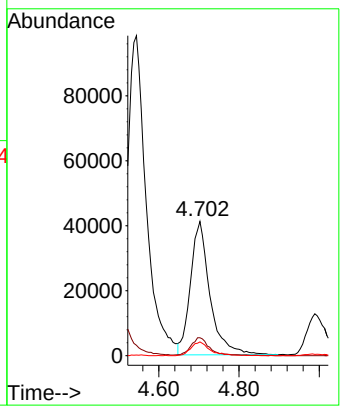


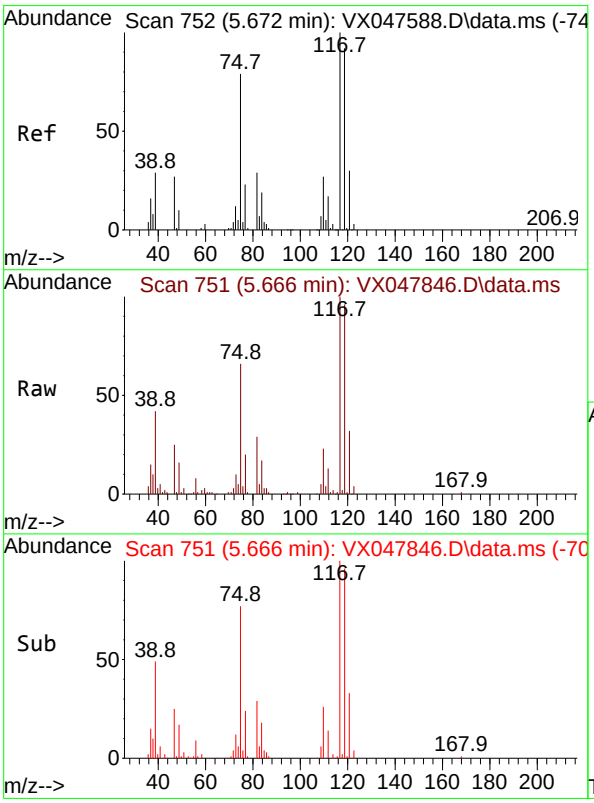
#37
Ethyl Acetate
Concen: 58.292 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 138799

Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.8	14.8
70	10.0	7.9	11.9

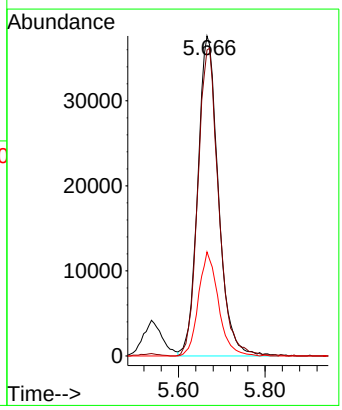


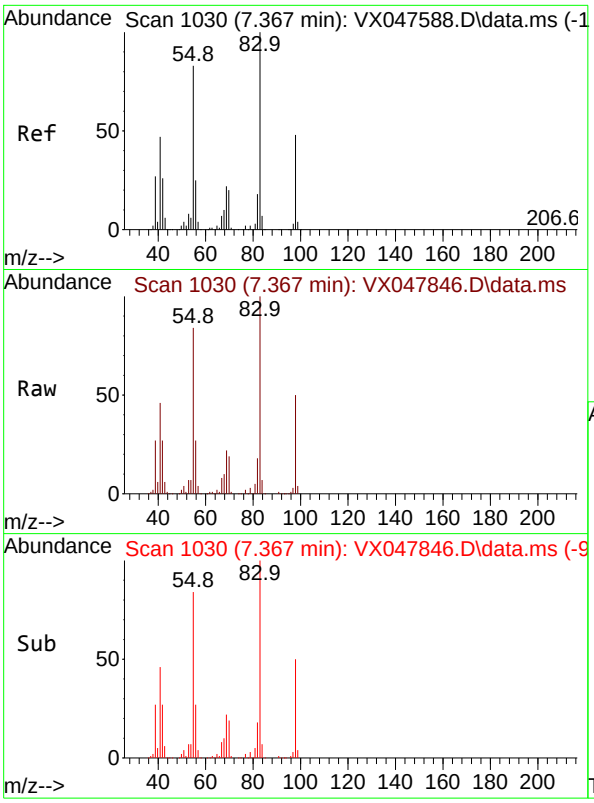


#38
Carbon Tetrachloride
Concen: 51.447 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:117 Resp: 124307

Ion	Ratio	Lower	Upper
117	100		
119	95.4	73.4	110.2
121	32.5	23.8	35.6



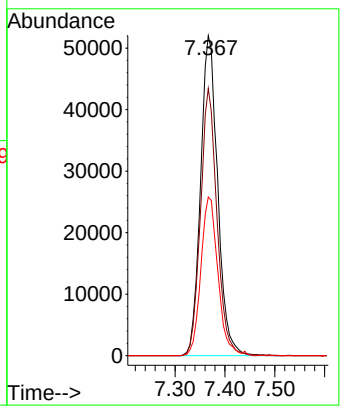


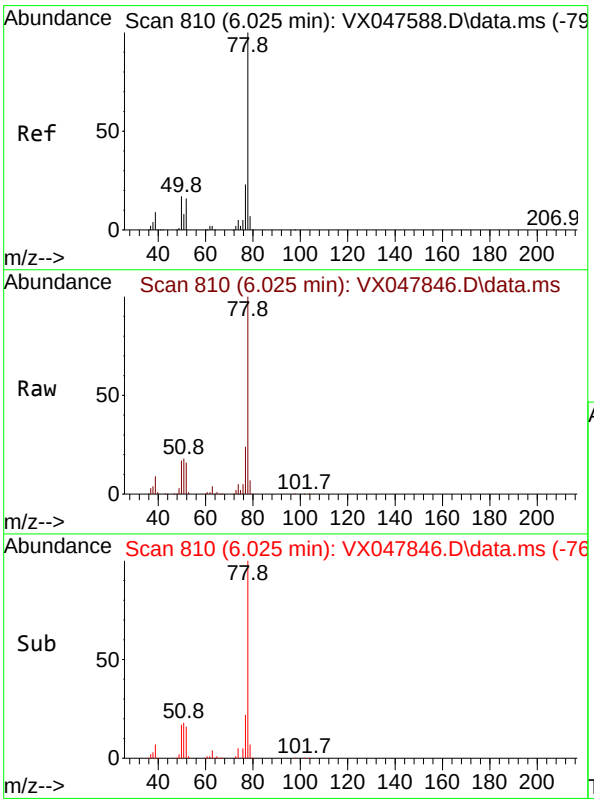
#39
Methylcyclohexane
Concen: 49.101 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 123946

Ion	Ratio	Lower	Upper
83	100		
55	83.5	66.4	99.6
98	49.6	38.1	57.1

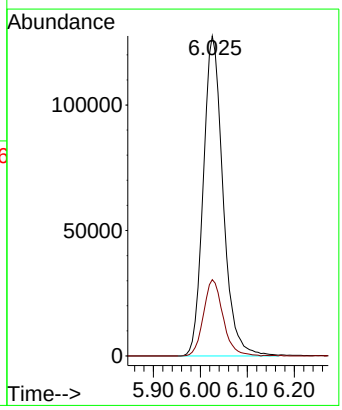


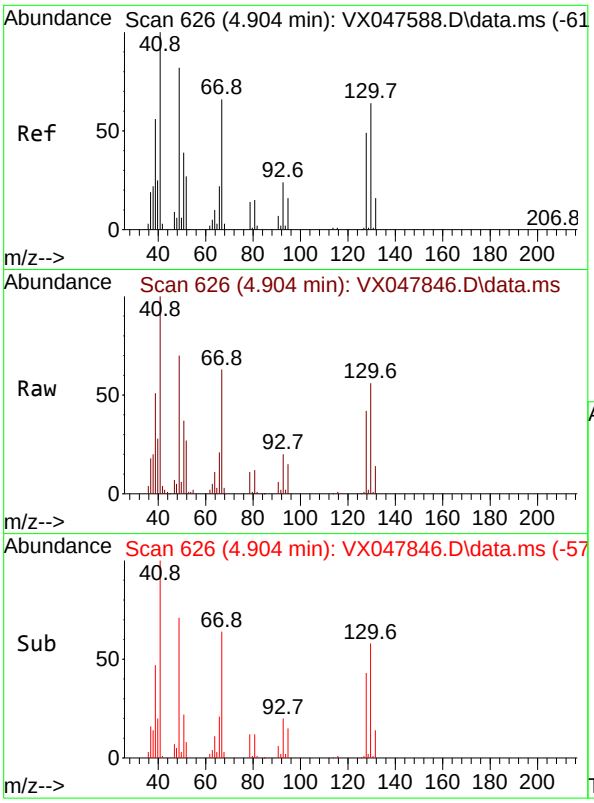


#40
Benzene
Concen: 54.941 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 78 Resp: 371092

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2



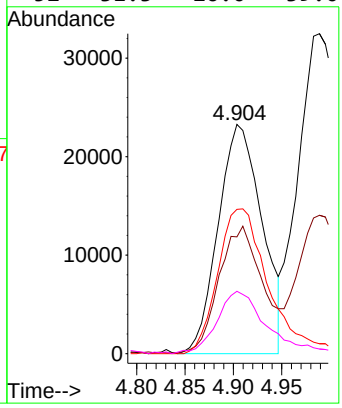


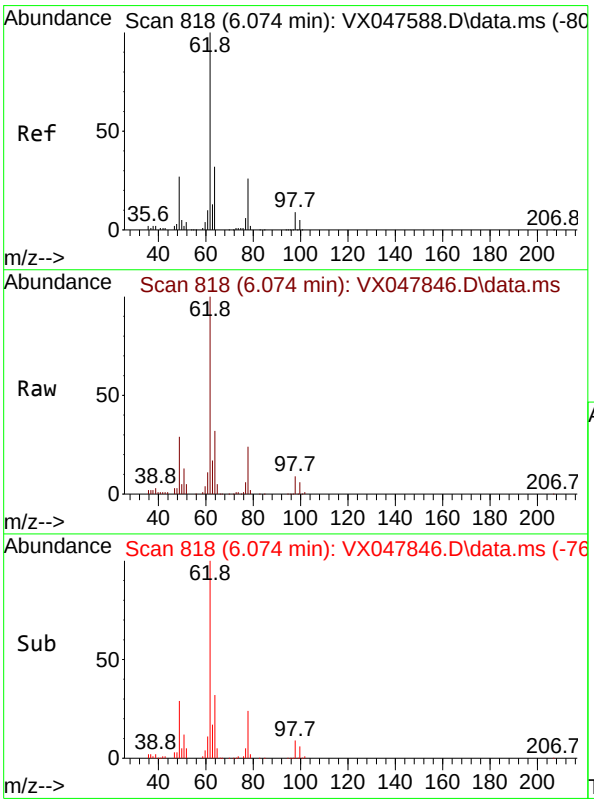
#41
Methacrylonitrile
Concen: 59.748 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 73445

Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.3	64.9
67	74.9	58.6	87.8
52	31.3	26.0	39.0

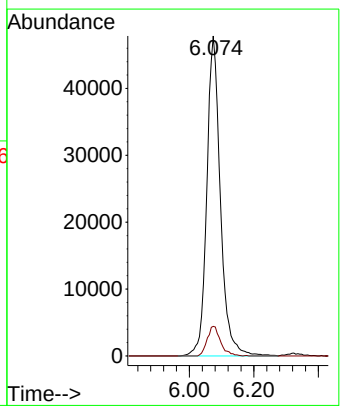


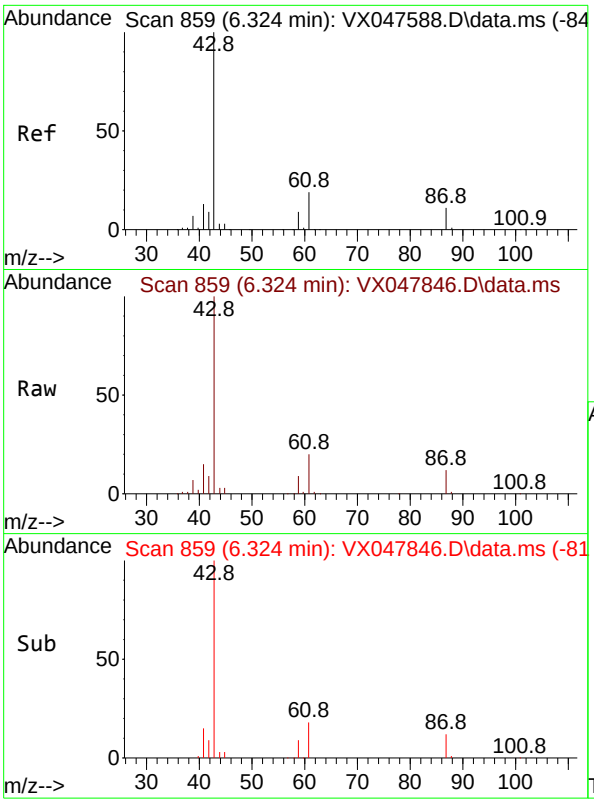


#42
1,2-Dichloroethane
Concen: 54.521 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 62 Resp: 140116

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0



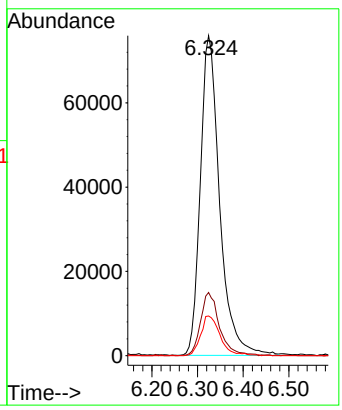


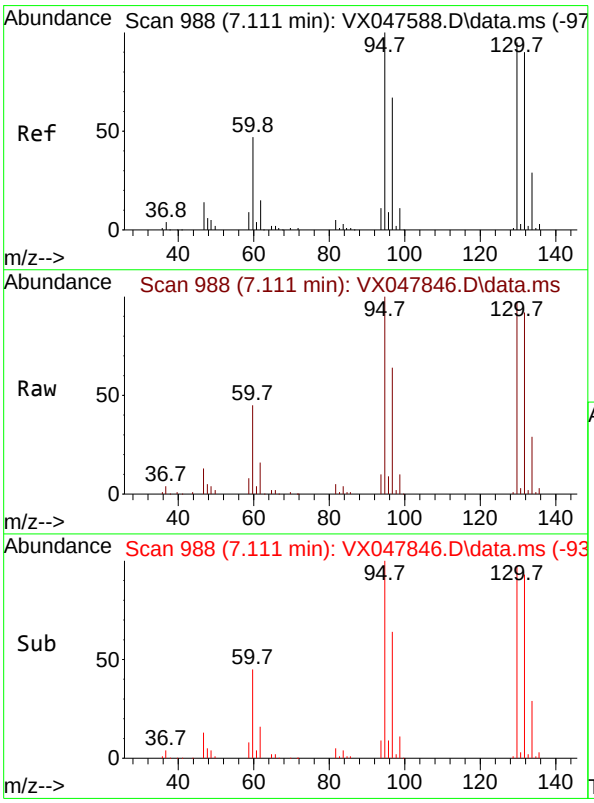
#43
Isopropyl Acetate
Concen: 57.038 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 222742

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	12.5	9.6	14.4

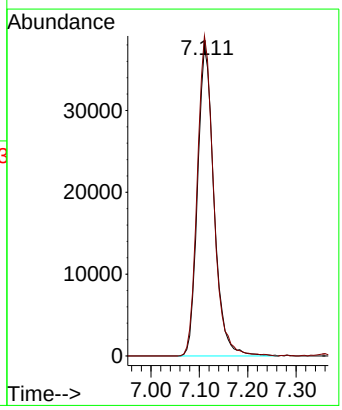


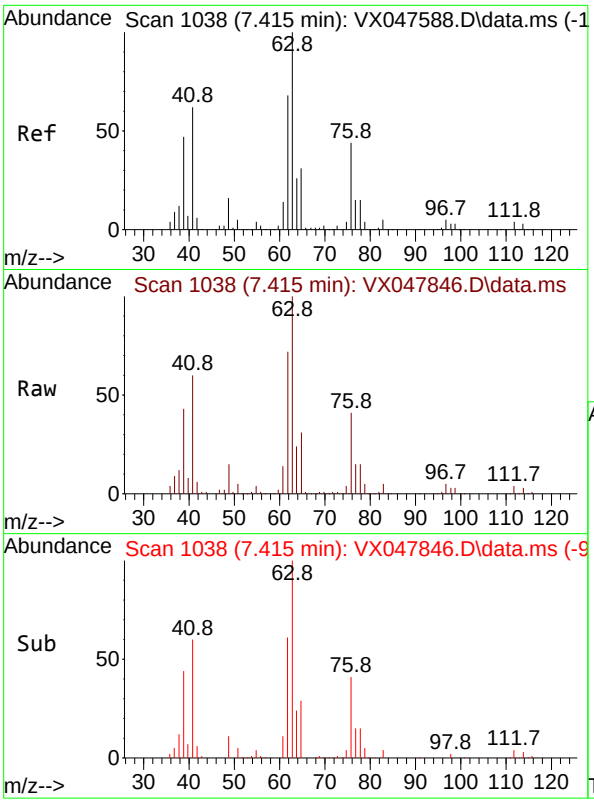


#44
Trichloroethene
Concen: 54.607 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:130 Resp: 89171

Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	210.8



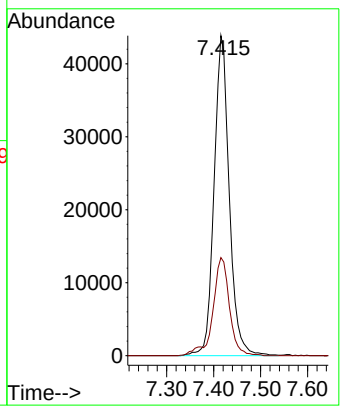


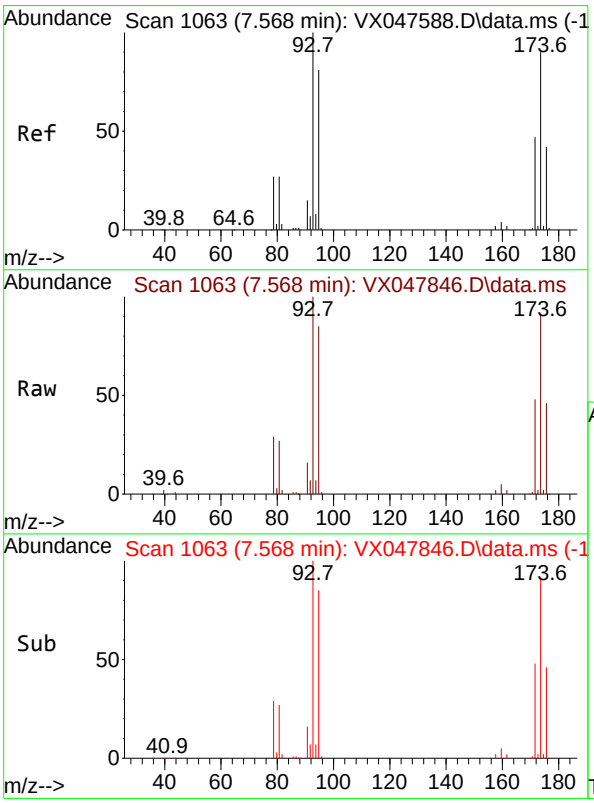
#45
1,2-Dichloropropane
Concen: 56.928 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 98458

Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.7	37.1

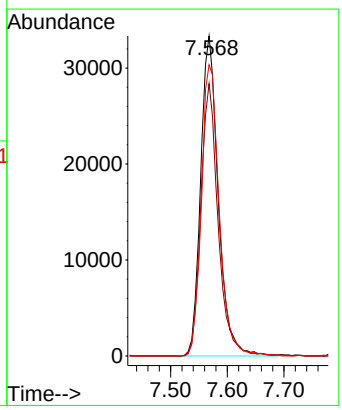


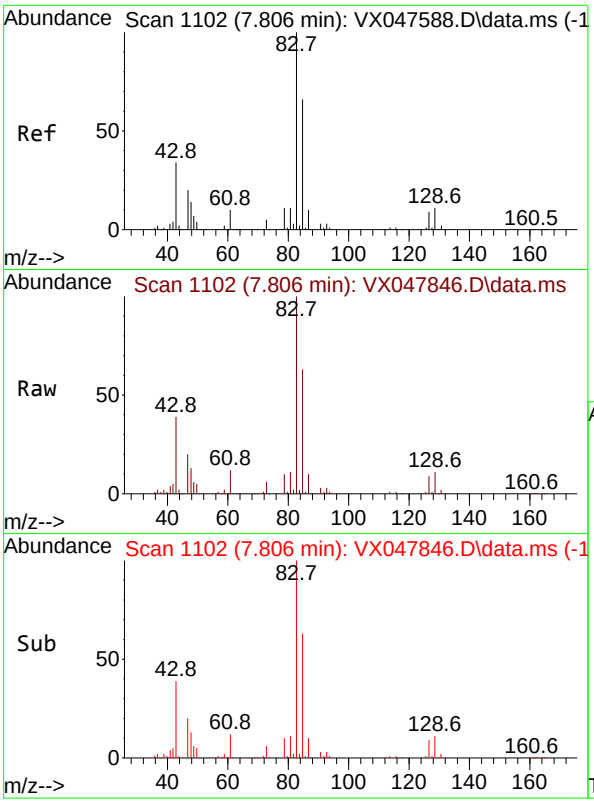


#46
Dibromomethane
Concen: 56.959 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 93 Resp: 71687

Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.0	97.6
174	92.6	71.6	107.4



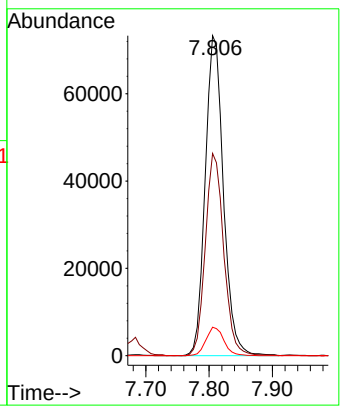


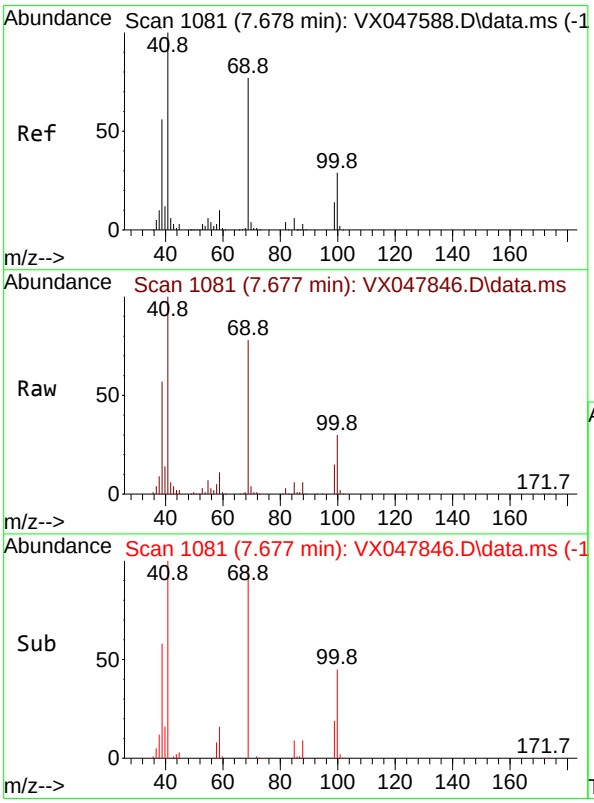
#47
Bromodichloromethane
Concen: 56.657 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 147147

Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.5	78.7
127	8.9	6.9	10.3

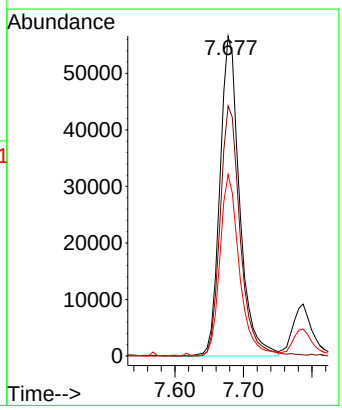


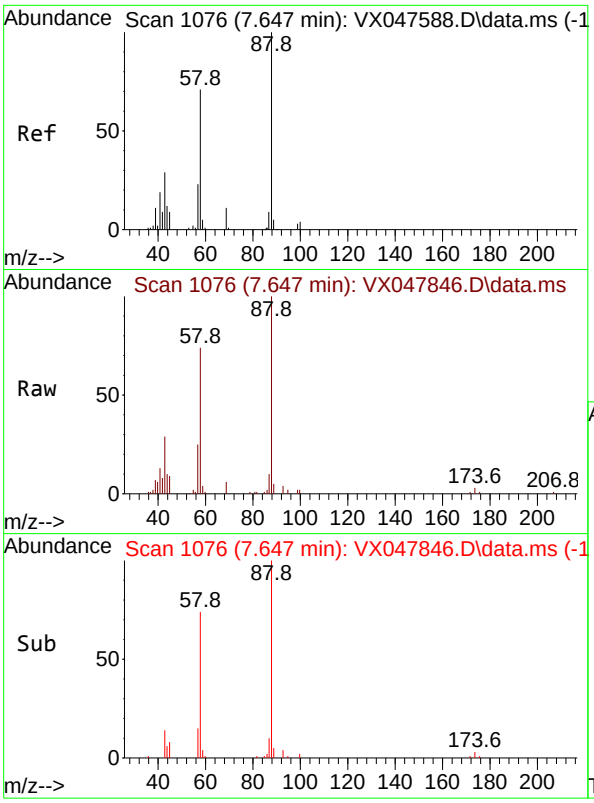


#48
Methyl methacrylate
Concen: 57.803 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 41 Resp: 112437

Ion	Ratio	Lower	Upper
41	100		
69	80.1	61.4	92.2
39	55.5	45.8	68.6



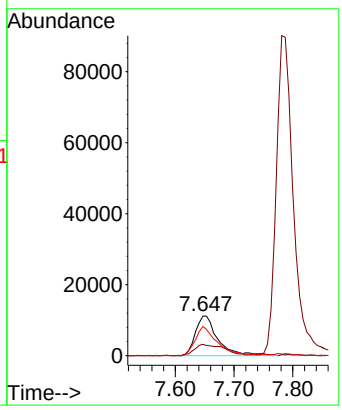


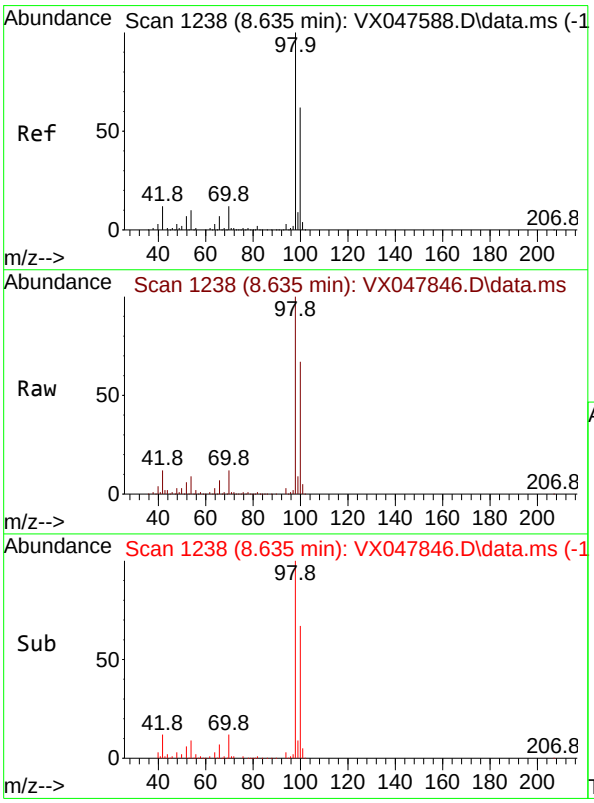
#49
1,4-Dioxane
Concen: 1515.251 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 29787

Ion	Ratio	Lower	Upper
88	100		
43	38.1	30.2	45.2
58	71.0	59.5	89.3

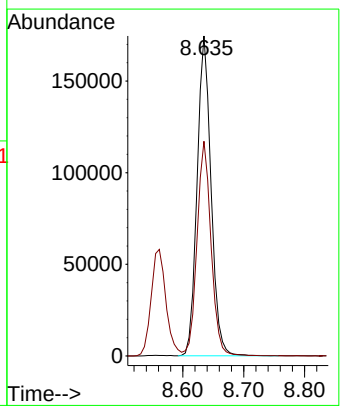


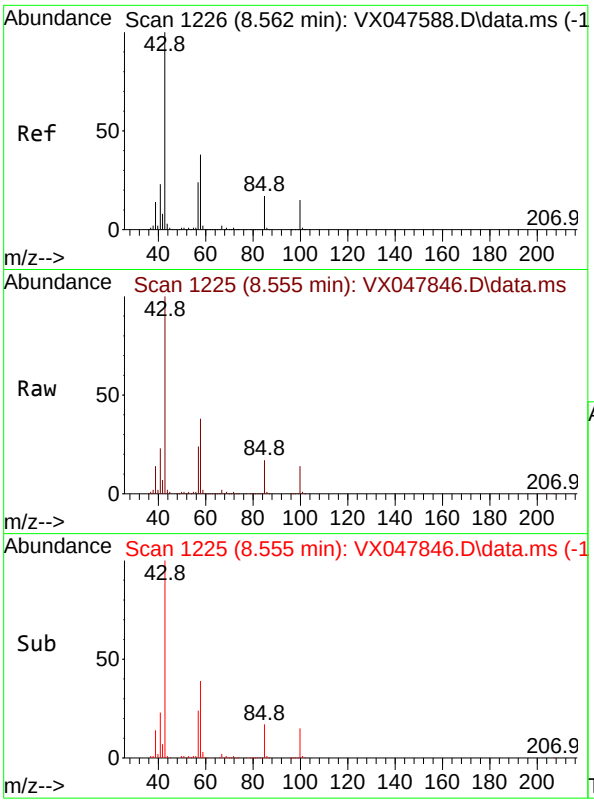


#50
Toluene-d8
Concen: 52.686 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 98 Resp: 277443

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.4



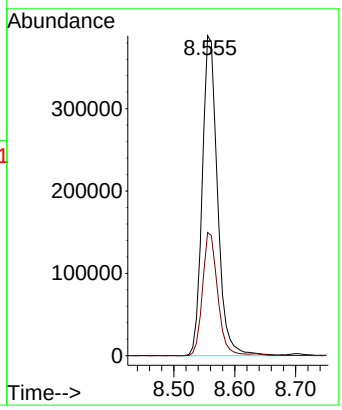


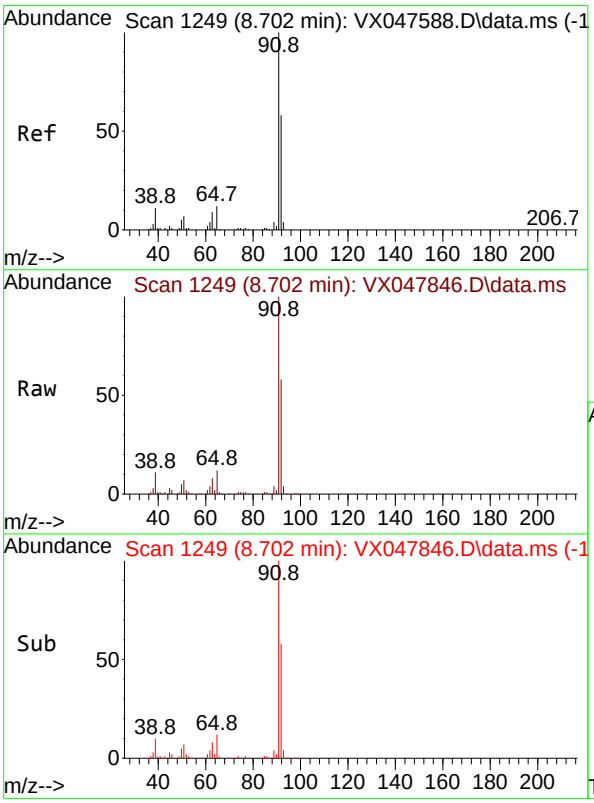
#51
4-Methyl-2-Pentanone
Concen: 312.881 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 677440

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.3	45.5

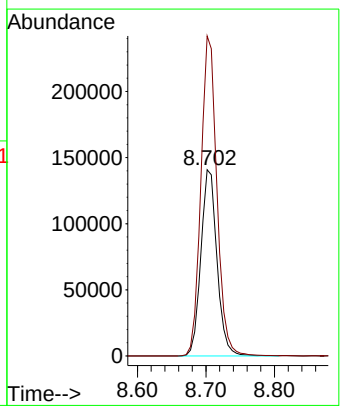


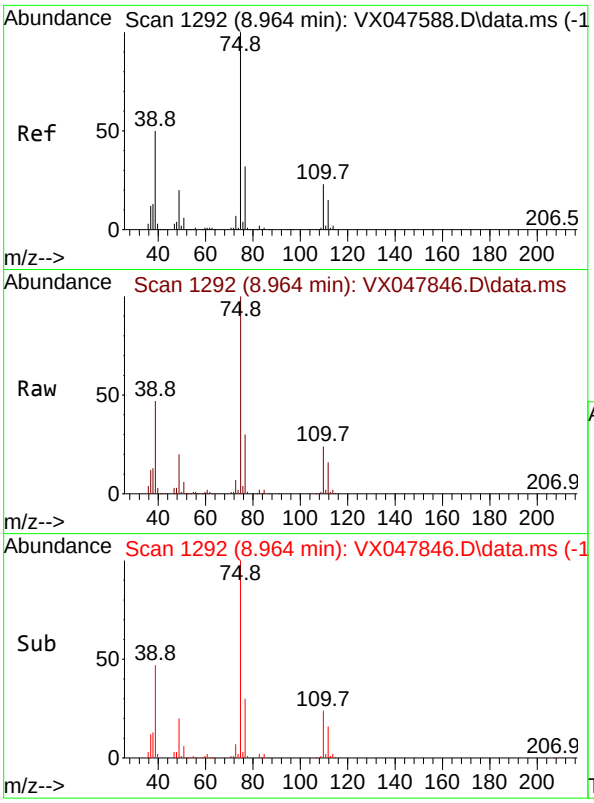


#52
Toluene
Concen: 55.407 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 92 Resp: 230568

Ion	Ratio	Lower	Upper
92	100		
91	170.9	137.1	205.7



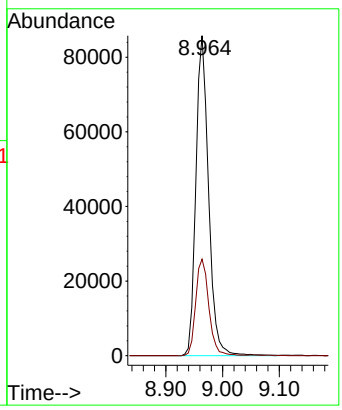


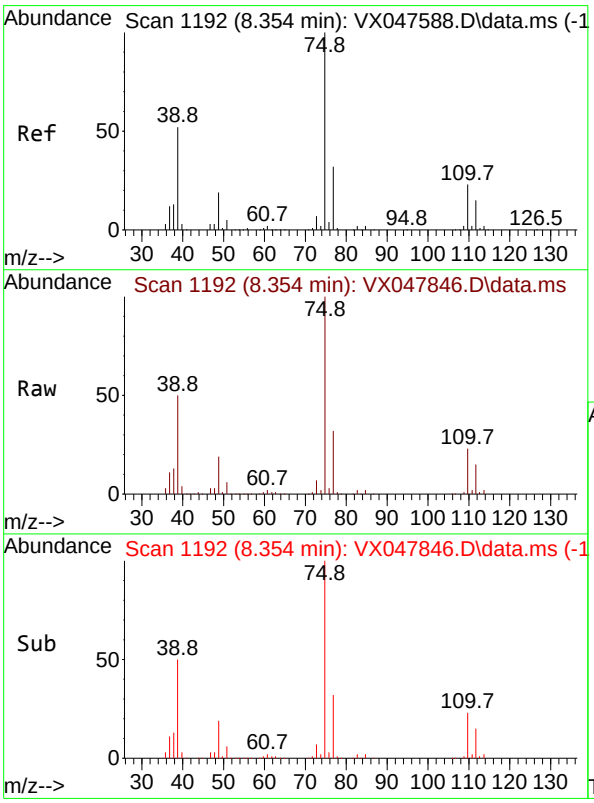
#53
t-1,3-Dichloropropene
Concen: 50.205 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 133000

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.2

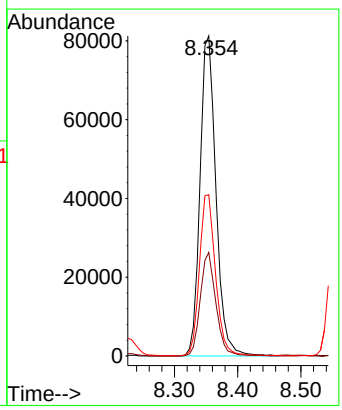


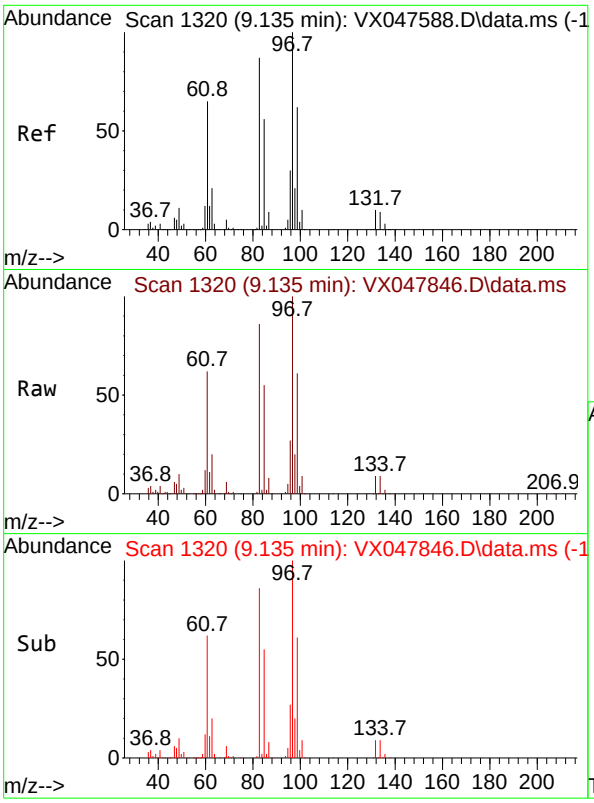


#54
cis-1,3-Dichloropropene
Concen: 50.456 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 142865

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.6
39	50.4	41.4	62.2



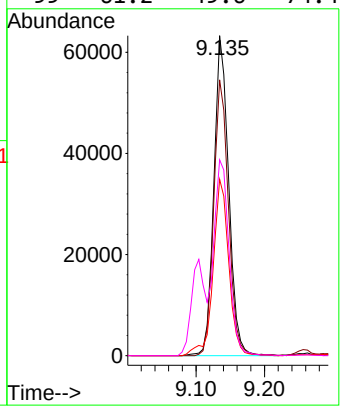


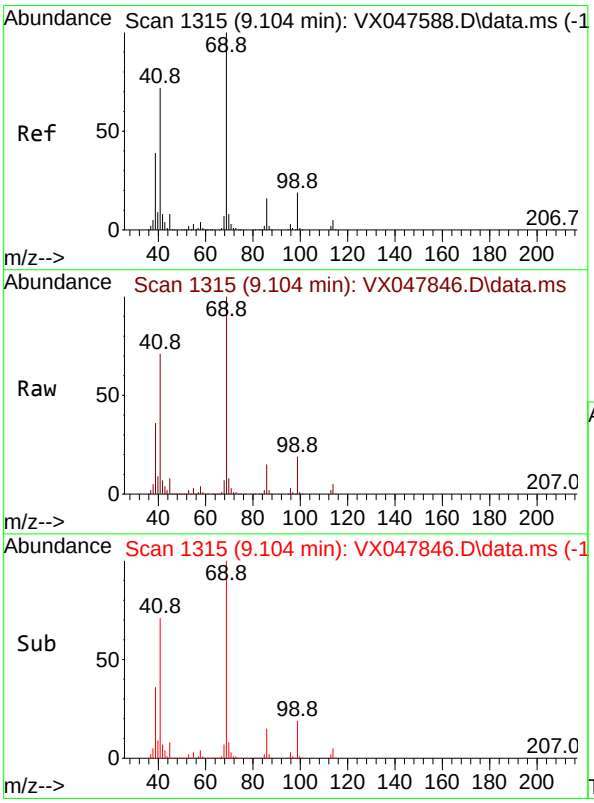
#55
1,1,2-Trichloroethane
Concen: 59.143 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 94900

Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.6	104.4
85	55.1	45.0	67.6
99	61.2	49.6	74.4

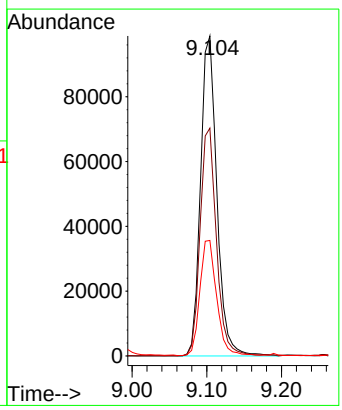


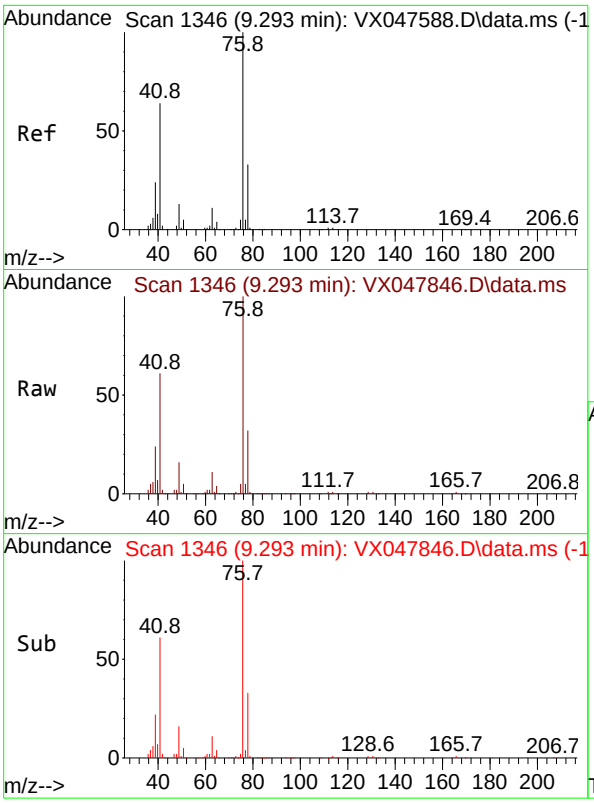


#56
Ethyl methacrylate
Concen: 59.552 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 69 Resp: 150069

Ion	Ratio	Lower	Upper
69	100		
41	70.9	58.6	87.8
39	36.9	31.5	47.3



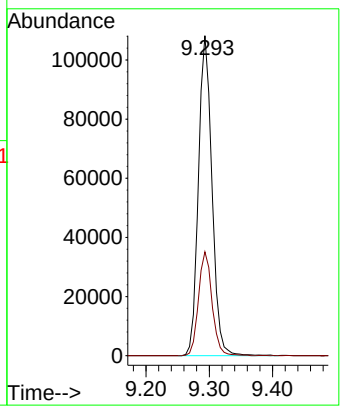


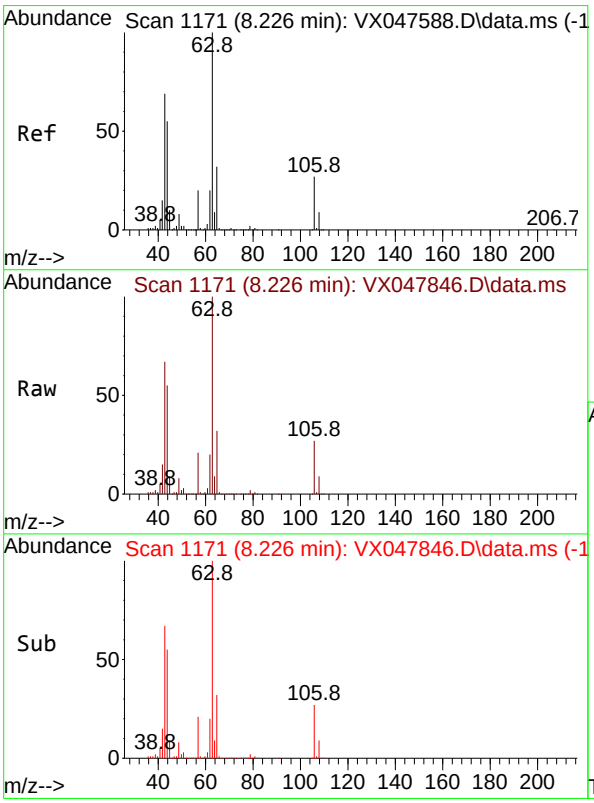
#57
1,3-Dichloropropane
Concen: 58.624 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 161592

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.4

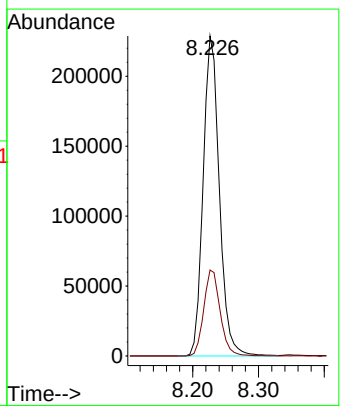


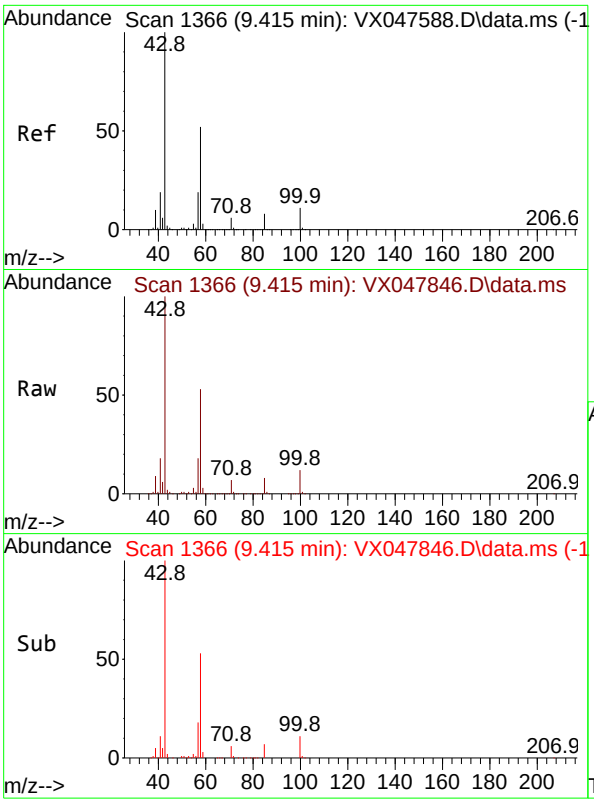


#58
2-Chloroethyl Vinyl ether
Concen: 320.095 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 63 Resp: 392274

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.9	32.9



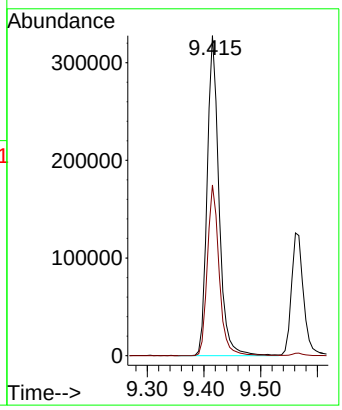


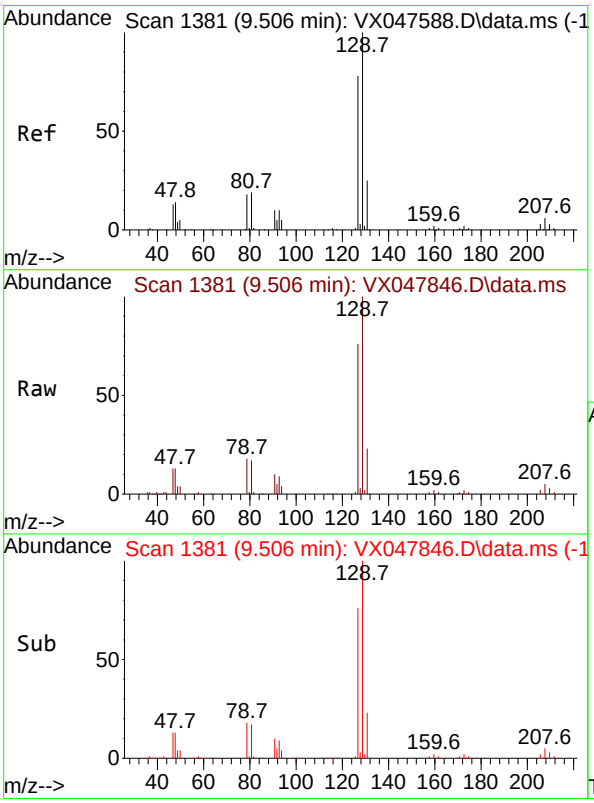
#59
2-Hexanone
Concen: 303.339 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 471702

Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.1	78.2

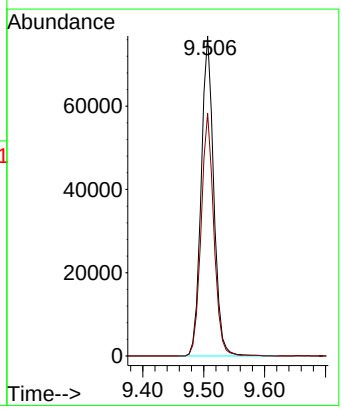


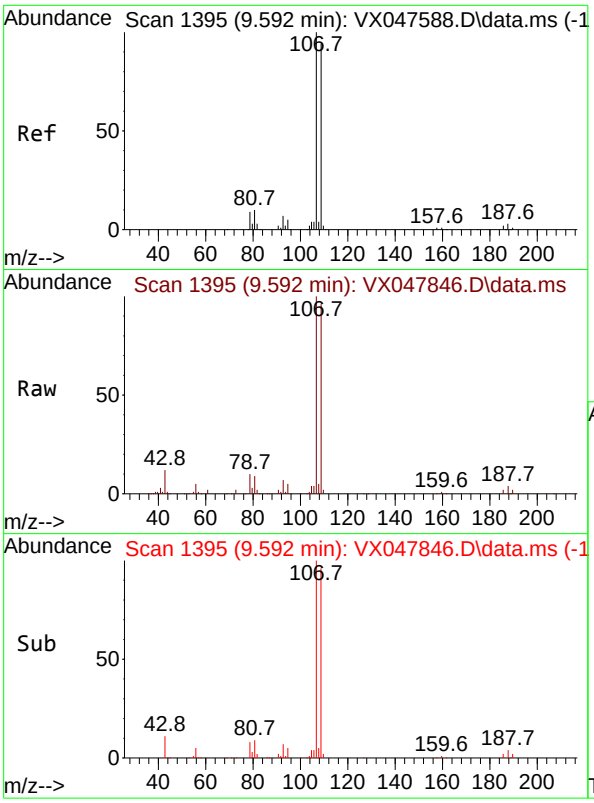


#60
Dibromochloromethane
Concen: 59.800 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:129 Resp: 110561

Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.4	115.2



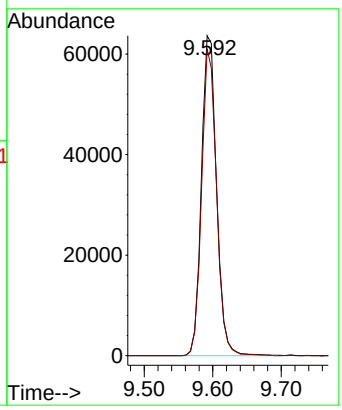


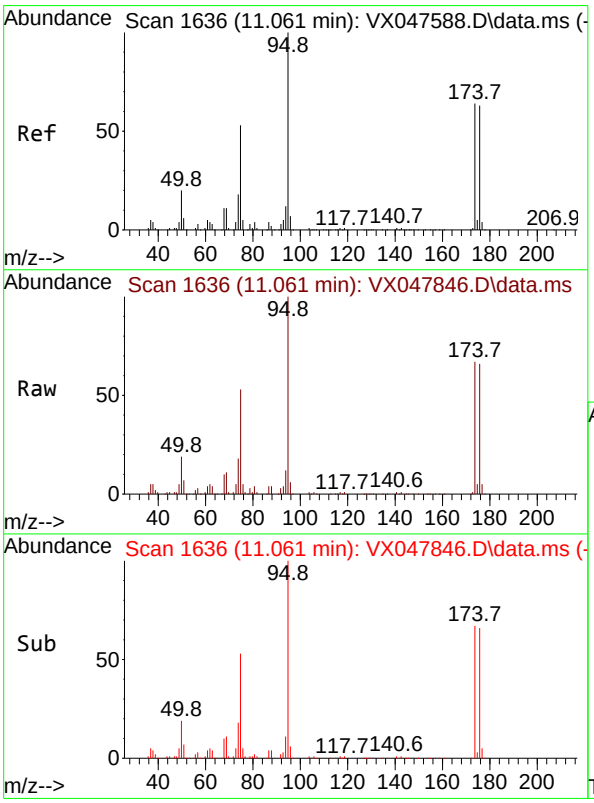
#61
1,2-Dibromoethane
Concen: 59.844 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 97806

Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.3	112.9

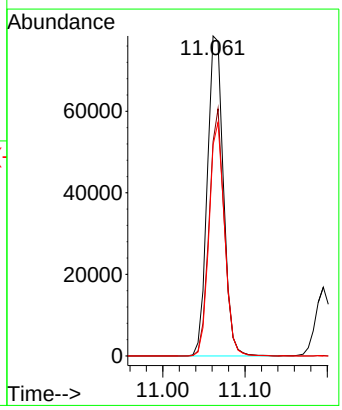


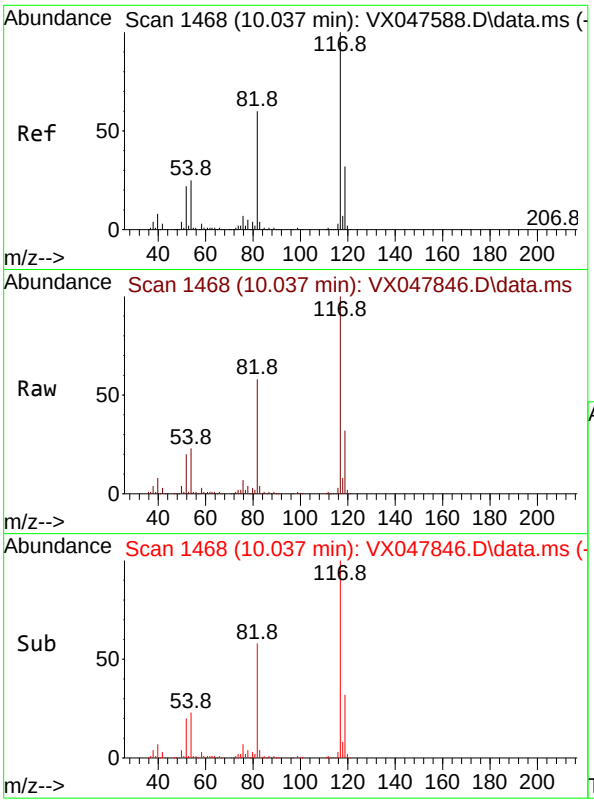


#62
4-Bromofluorobenzene
Concen: 53.331 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 95 Resp: 106584

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.6
176	70.1	0.0	138.4



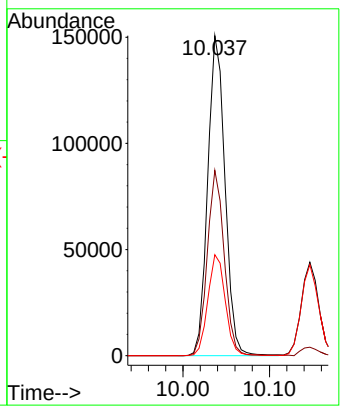


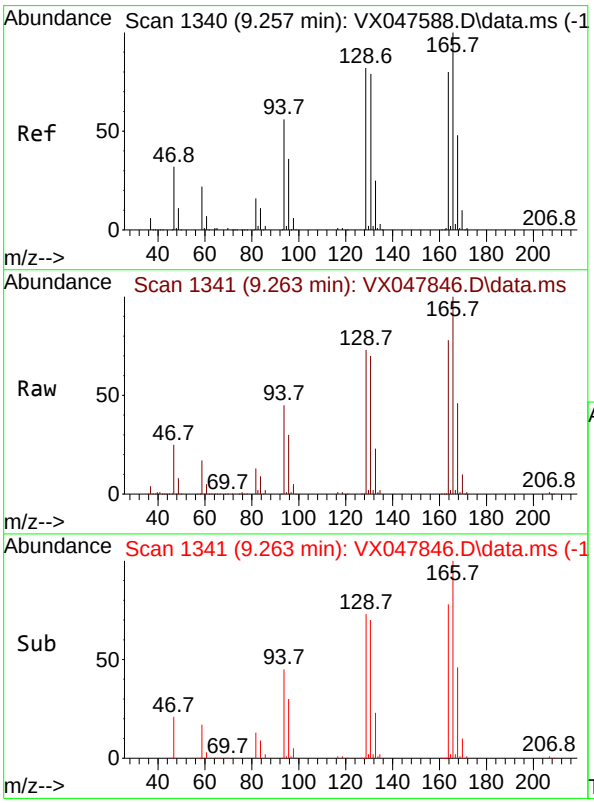
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 208536

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.8	71.6
119	31.5	25.2	37.8

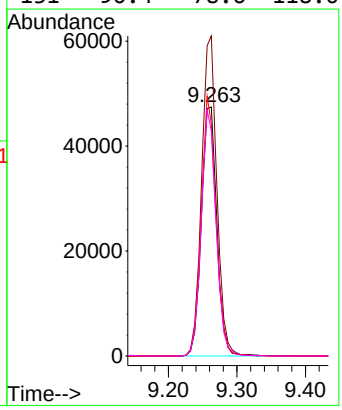


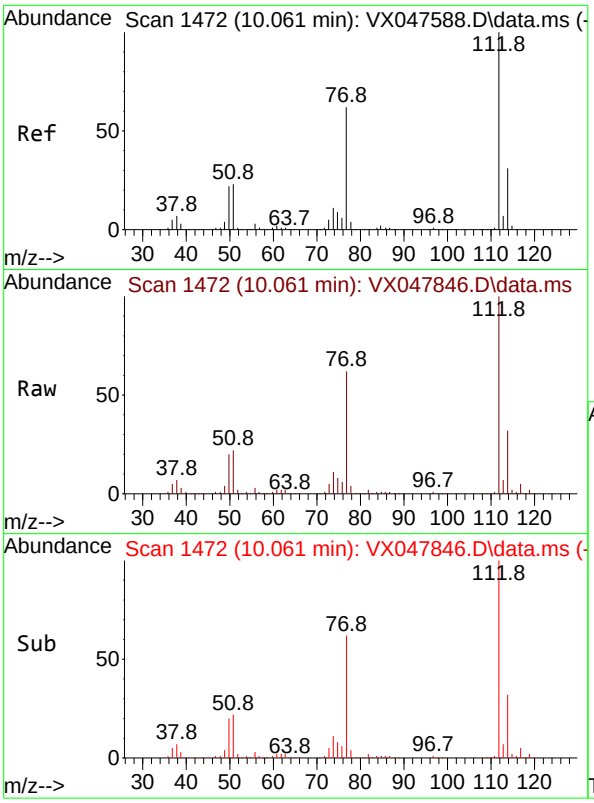


#64
Tetrachloroethene
Concen: 54.685 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:164 Resp: 74341

Ion	Ratio	Lower	Upper
164	100		
166	128.6	100.2	150.2
129	93.2	81.8	122.6
131	90.4	78.6	118.0



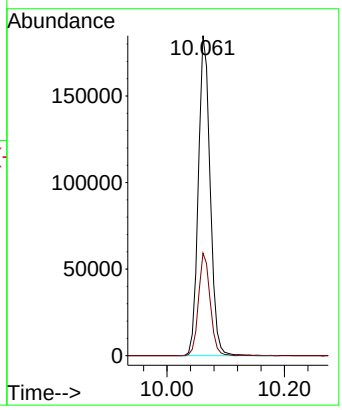


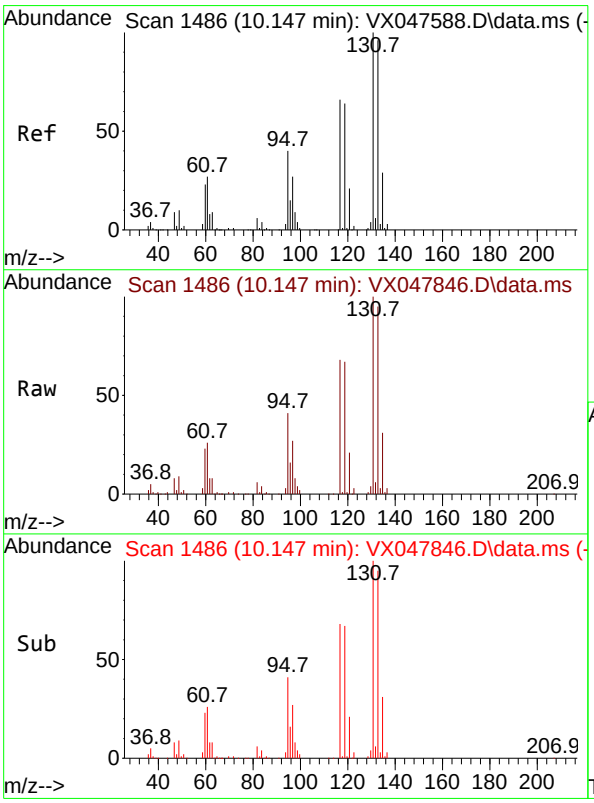
#65
Chlorobenzene
Concen: 54.250 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 257011

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7

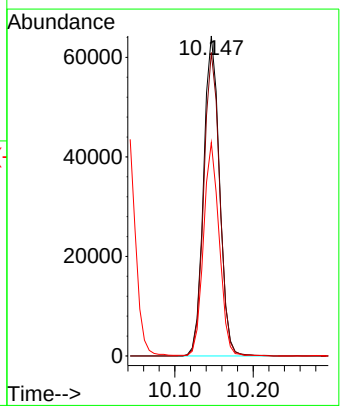


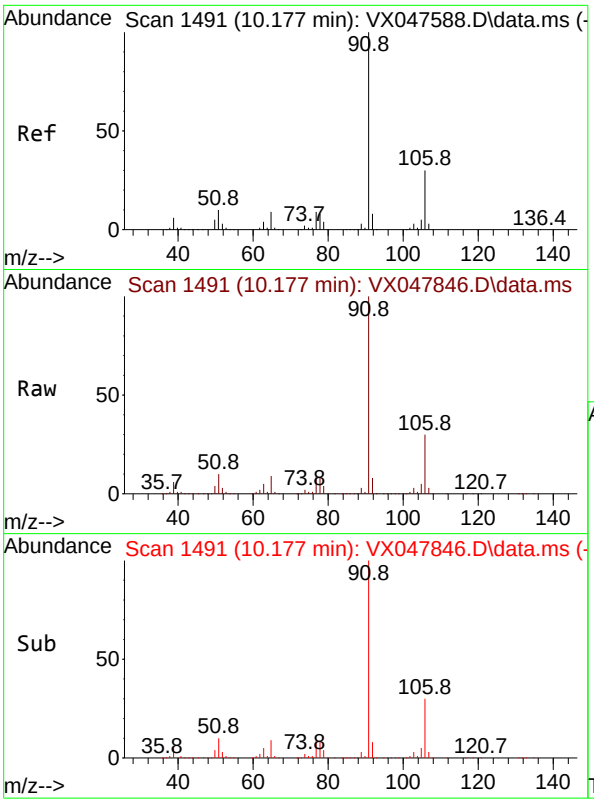


#66
1,1,1,2-Tetrachloroethane
Concen: 55.391 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:131 Resp: 90553

Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	142.0
119	65.9	32.0	96.0



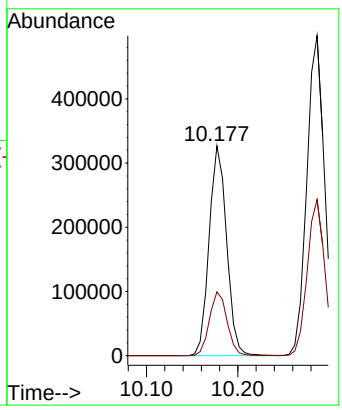


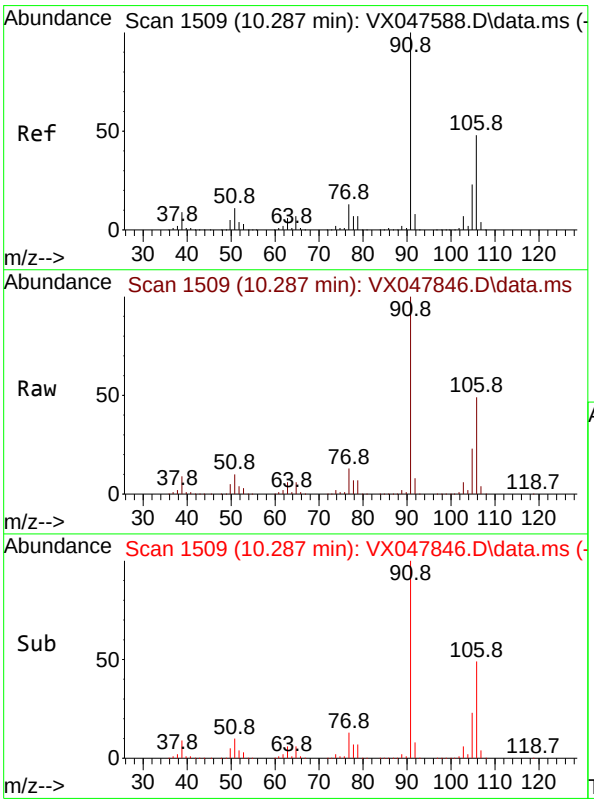
#67
Ethyl Benzene
Concen: 53.122 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 434237

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5

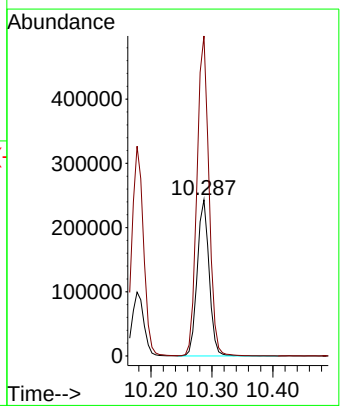


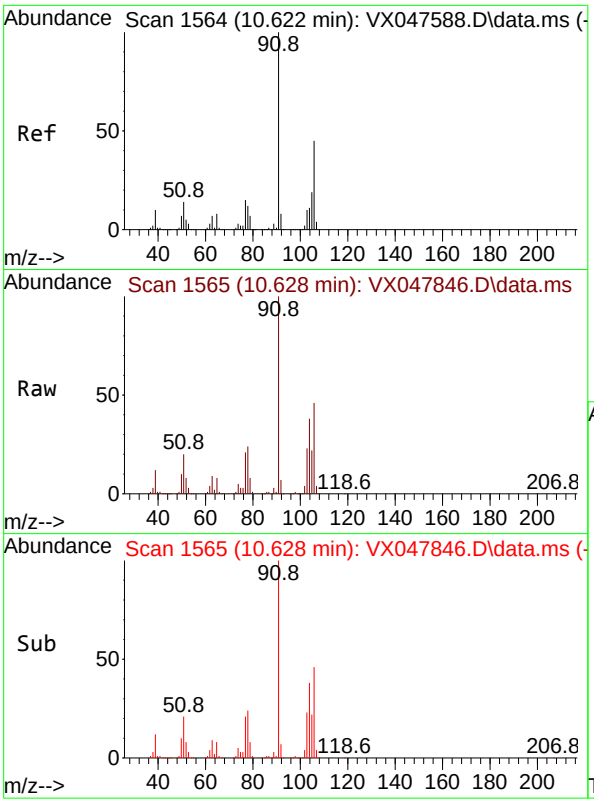


#68
m/p-Xylenes
Concen: 107.876 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:106 Resp: 328215

Ion	Ratio	Lower	Upper
106	100		
91	206.5	167.8	251.8



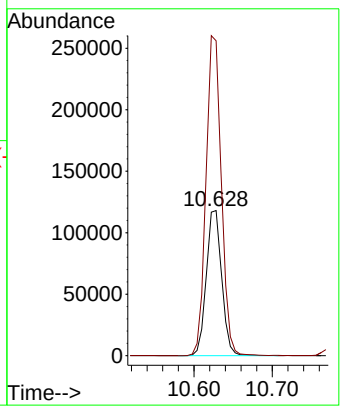


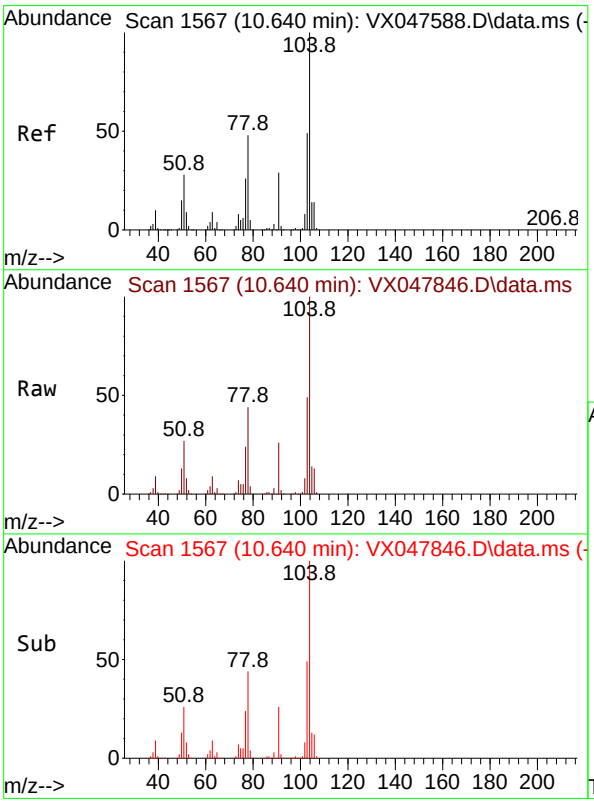
#69
o-Xylene
Concen: 54.716 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 161019

Ion	Ratio	Lower	Upper
106	100		
91	219.5	111.1	333.4

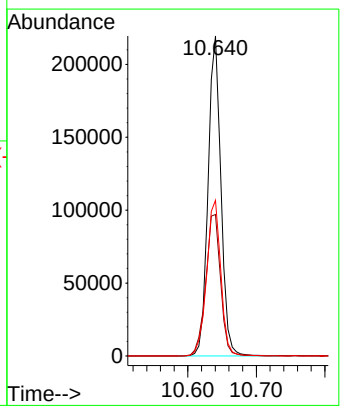


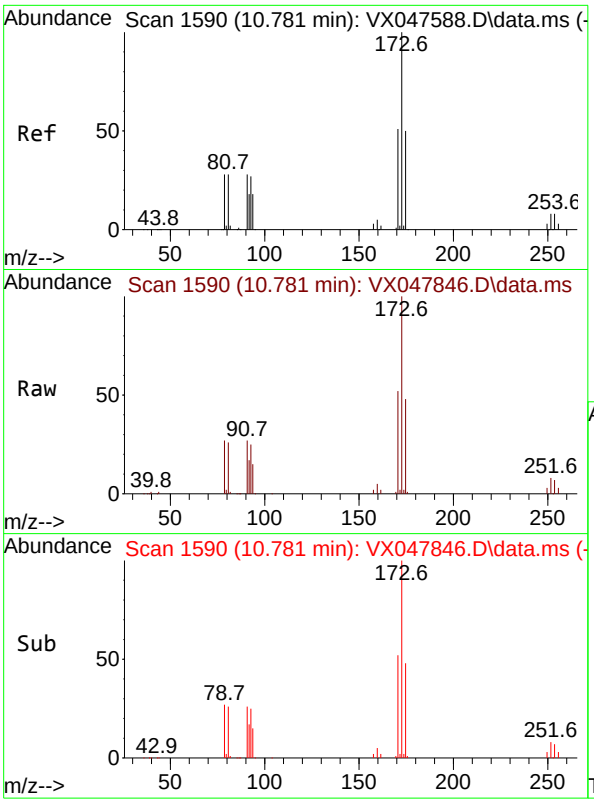


#70
Styrene
Concen: 55.621 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:104 Resp: 286806

Ion	Ratio	Lower	Upper
104	100		
78	51.1	43.1	64.7
103	53.7	43.1	64.7



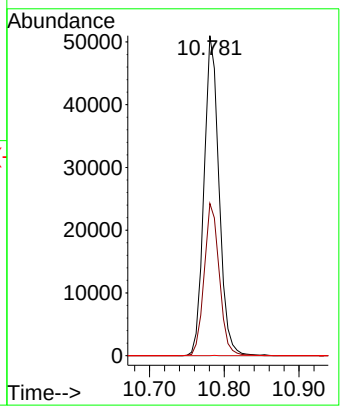


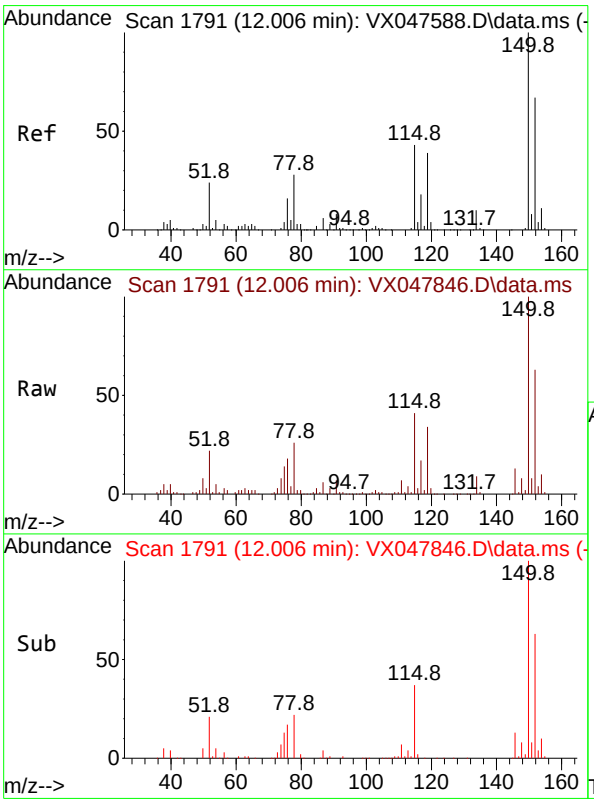
#71
Bromoform
Concen: 58.336 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 71210

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.6
254	0.0	0.1	0.1#

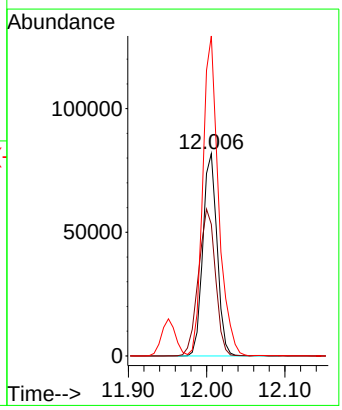


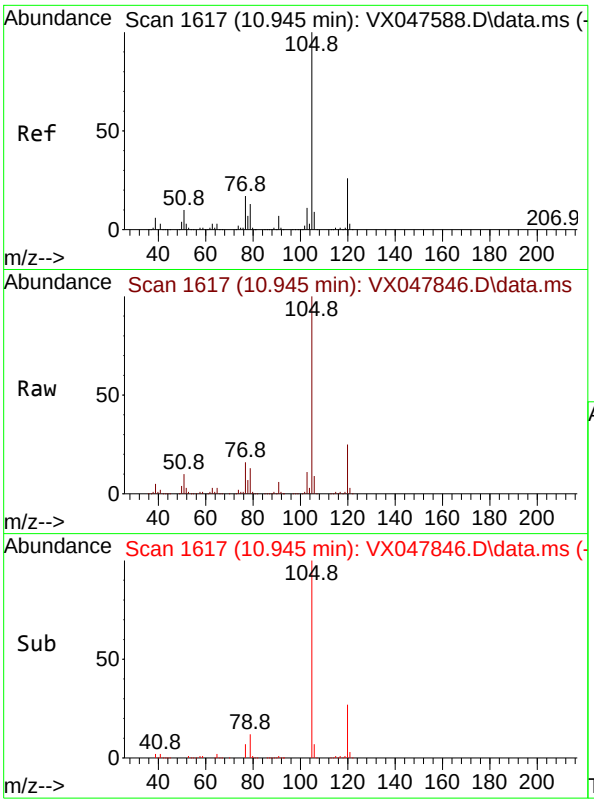


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:152 Resp: 103174

Ion	Ratio	Lower	Upper
152	100		
115	86.7	44.9	134.5
150	174.7	0.0	352.0



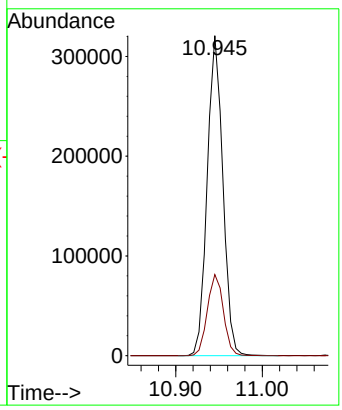


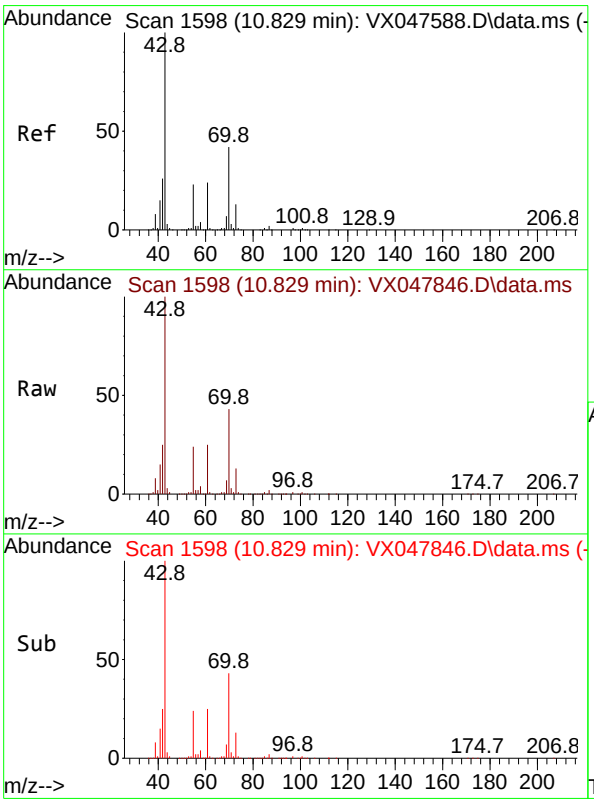
#73
Isopropylbenzene
Concen: 51.224 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 401797

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.8	38.4

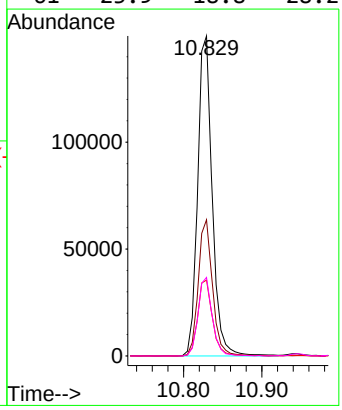


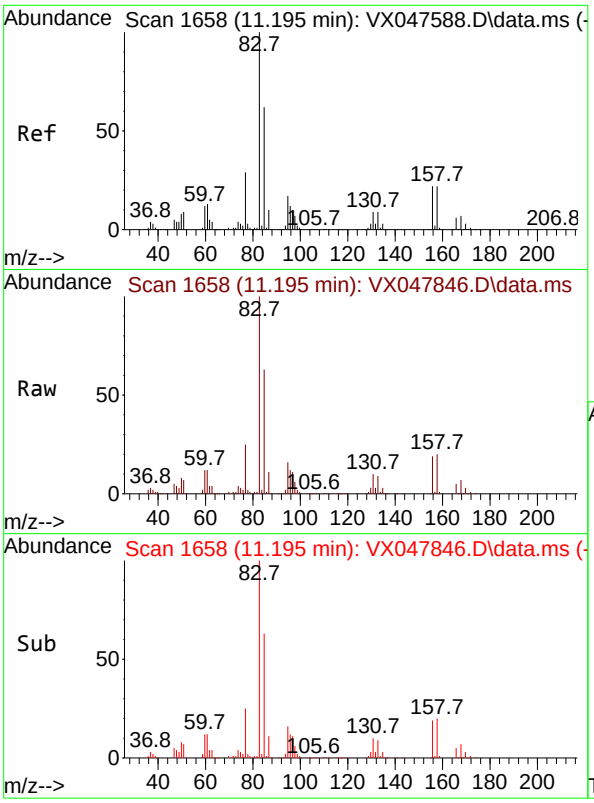


#74
N-amyl acetate
Concen: 54.089 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 193473

Ion	Ratio	Lower	Upper
43	100		
70	41.8	32.0	48.0
55	24.1	18.9	28.3
61	23.9	18.8	28.2



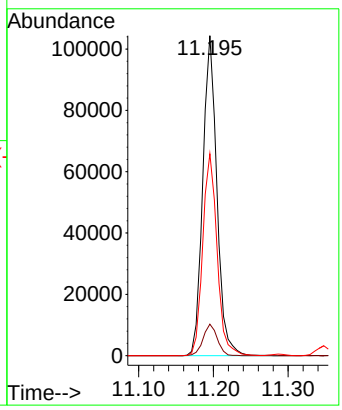


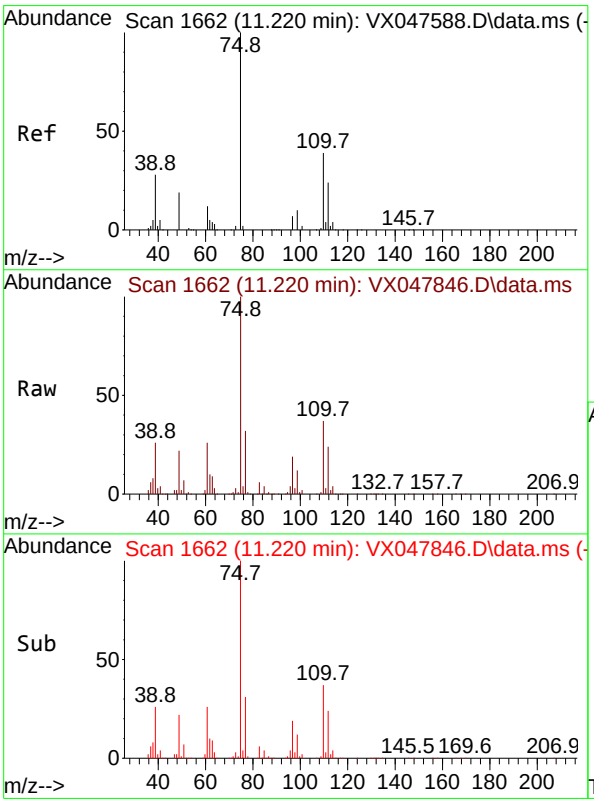
#75
1,1,2,2-Tetrachloroethane
Concen: 57.589 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 136670

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.4	31.6	95.0

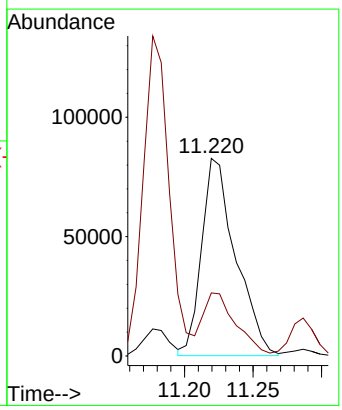


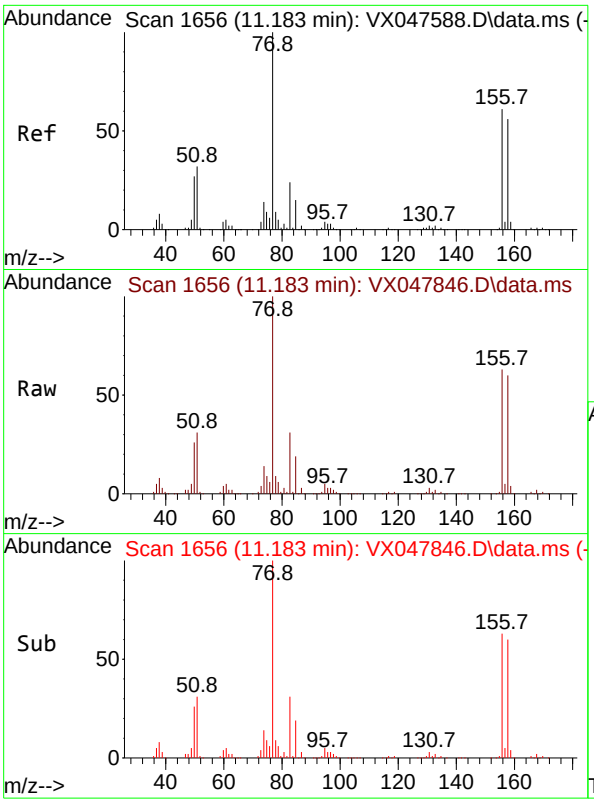


#76
1,2,3-Trichloropropane
Concen: 68.645 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 143397

Ion	Ratio	Lower	Upper
75	100		
77	30.5	18.8	56.4



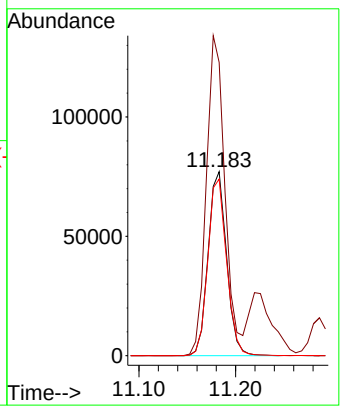


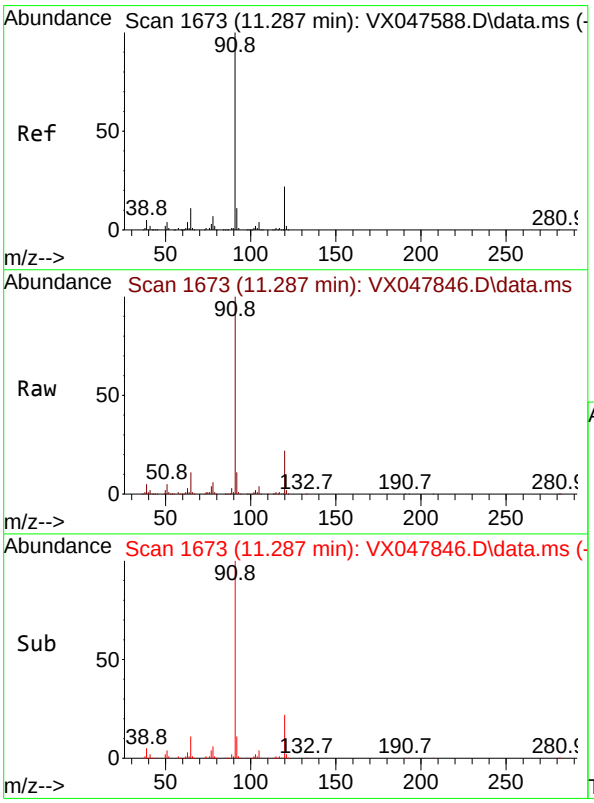
#77
Bromobenzene
Concen: 52.856 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 102114

Ion	Ratio	Lower	Upper
156	100		
77	174.9	89.7	269.1
158	97.7	47.9	143.6

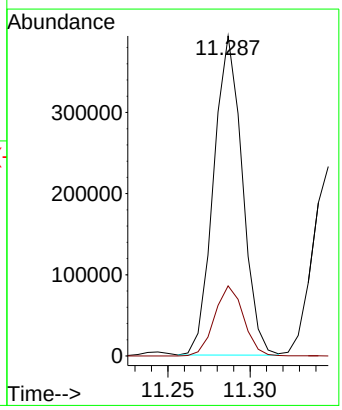


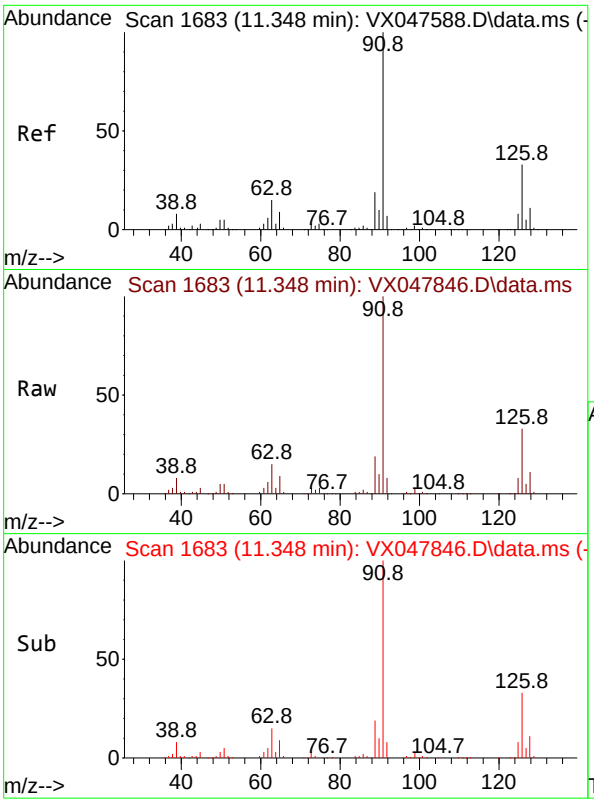


#78
n-propylbenzene
Concen: 51.437 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 91 Resp: 476952

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1



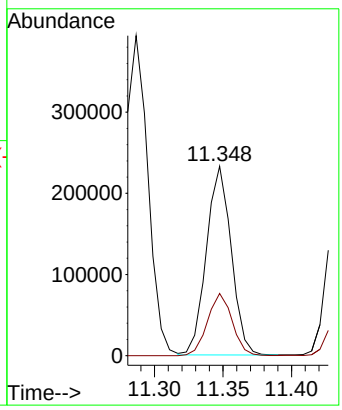


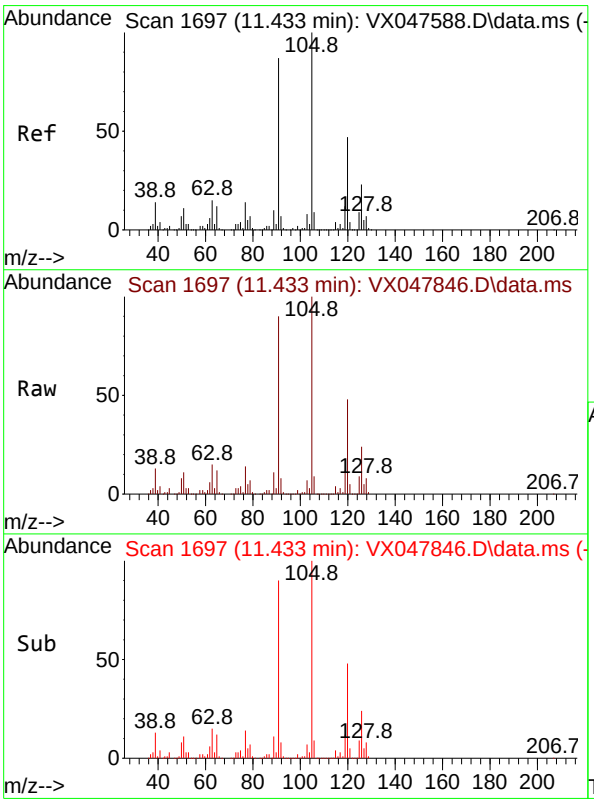
#79
2-Chlorotoluene
Concen: 51.630 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 293217

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.1	48.3

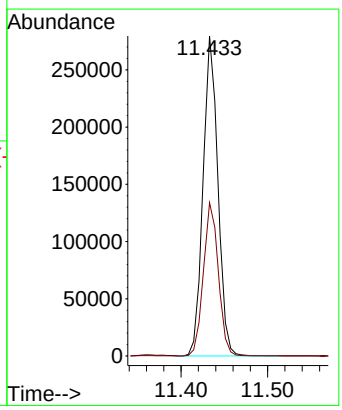


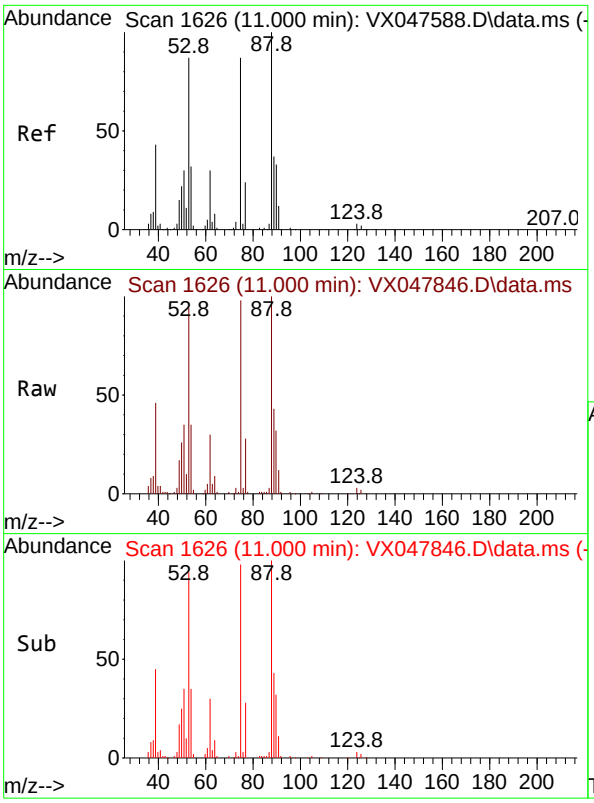


#80
1,3,5-Trimethylbenzene
Concen: 51.573 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:105 Resp: 332360

Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.6	70.8



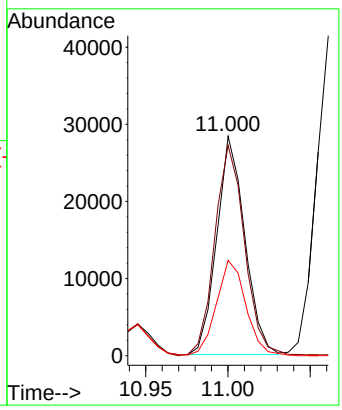


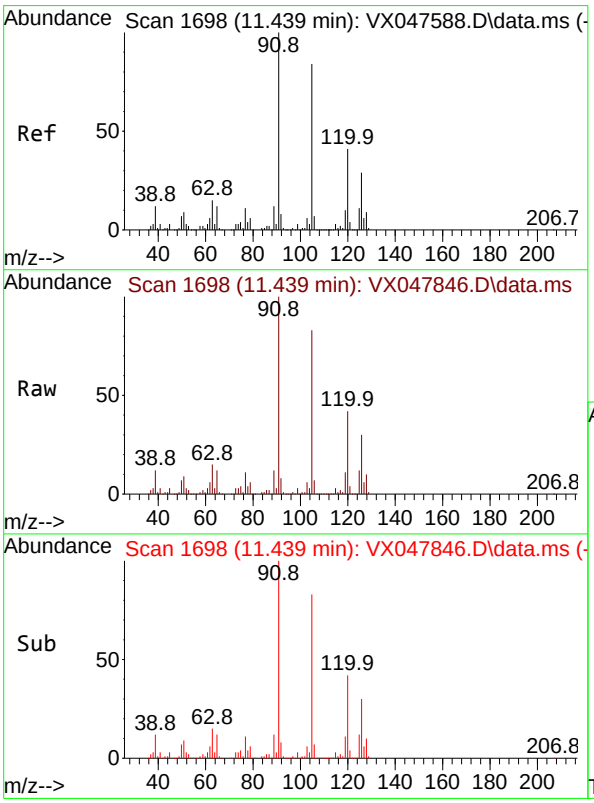
#81
trans-1,4-Dichloro-2-butene
Concen: 40.974 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 33564

Ion	Ratio	Lower	Upper
75	100		
53	102.5	83.4	125.2
89	45.8	36.3	54.5

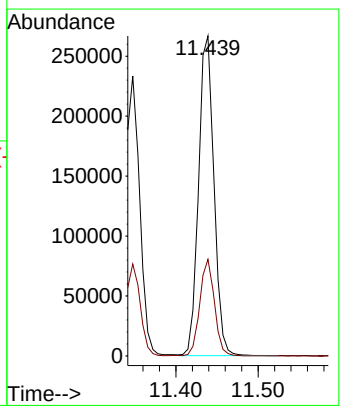


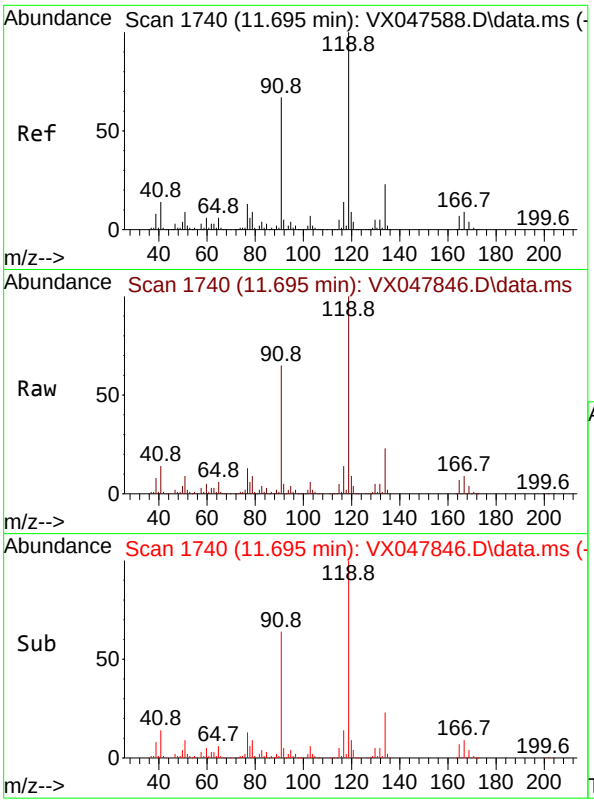


#82
4-Chlorotoluene
Concen: 51.591 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 91 Resp: 346044

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.2	42.6



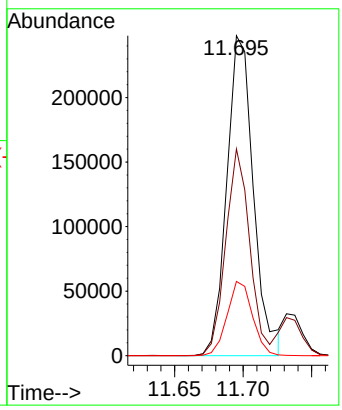


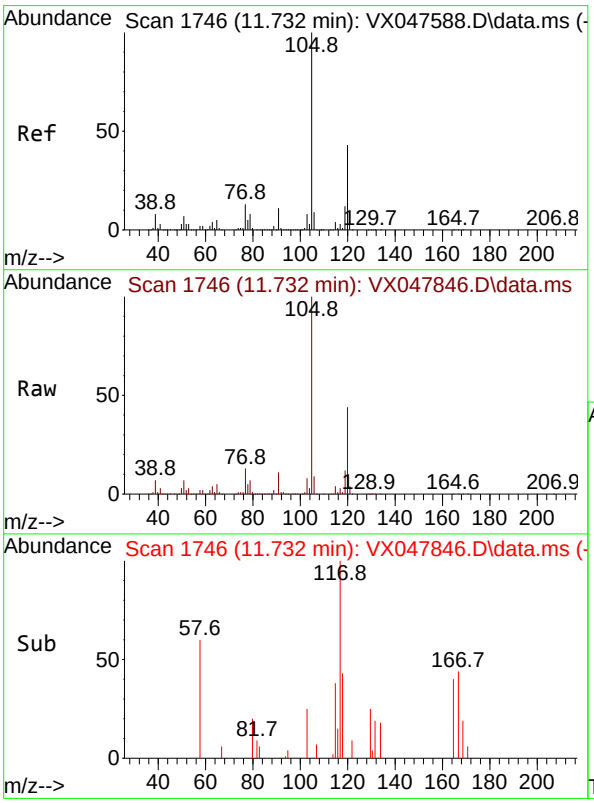
#83
tert-Butylbenzene
Concen: 50.729 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 334665

Ion	Ratio	Lower	Upper
119	100		
91	58.3	29.6	88.8
134	22.2	11.0	33.0

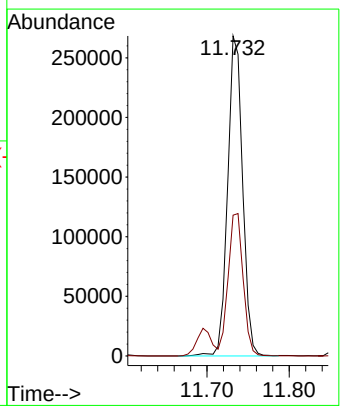


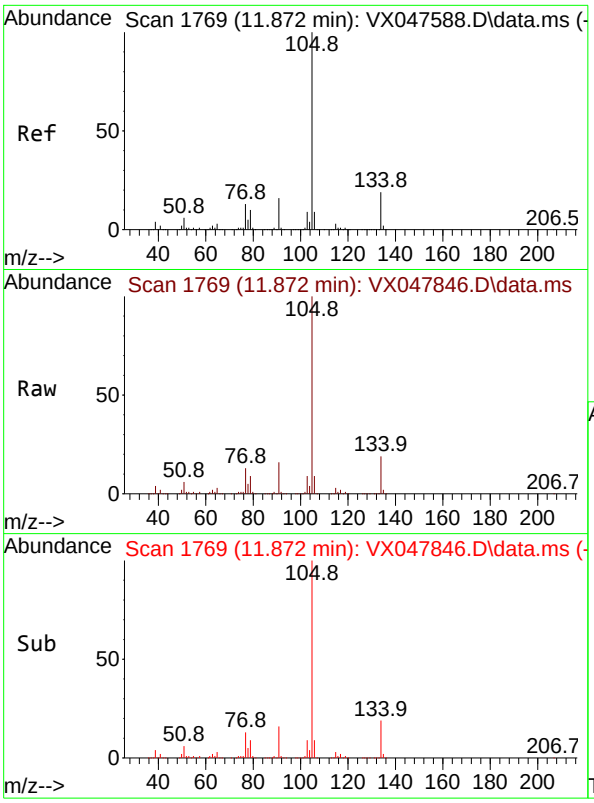


#84
1,2,4-Trimethylbenzene
Concen: 51.846 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:105 Resp: 338744

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.1	66.1



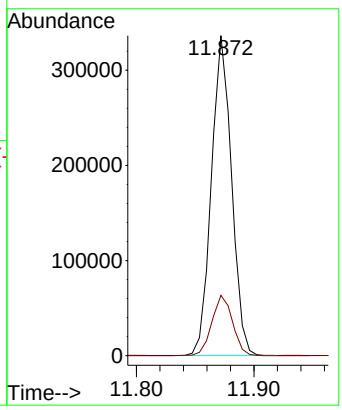


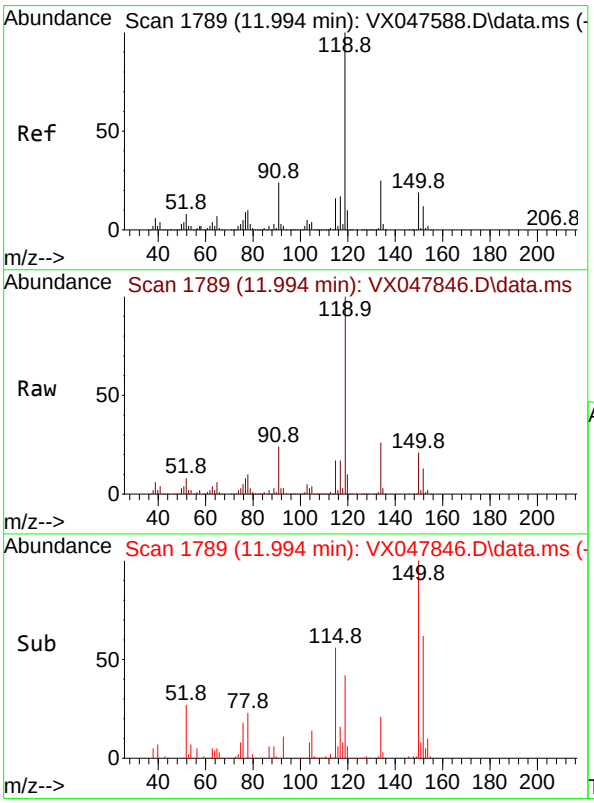
#85
sec-Butylbenzene
Concen: 51.130 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 400657

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

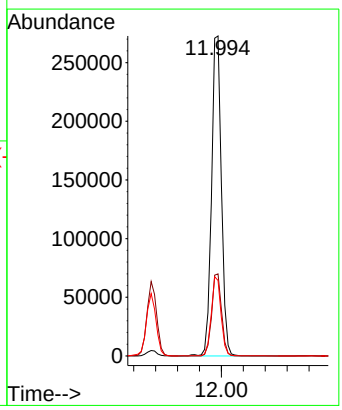


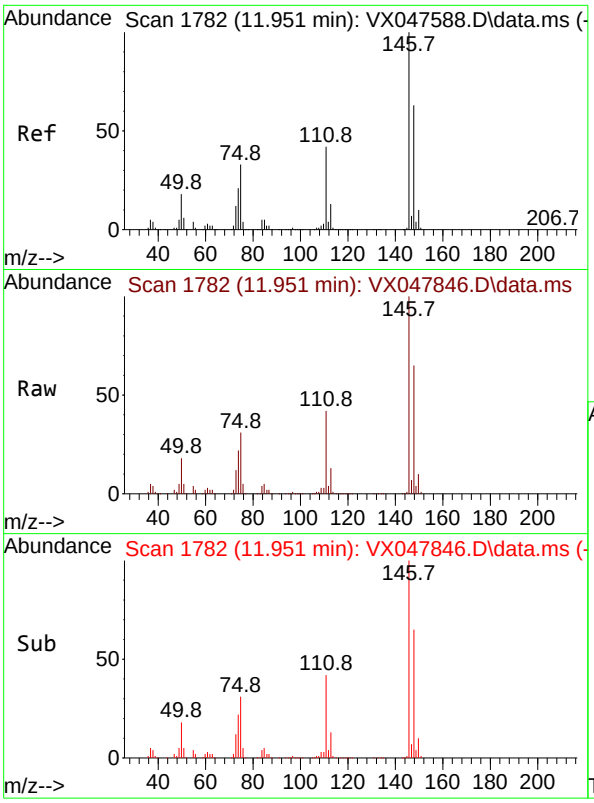


#86
p-Isopropyltoluene
Concen: 50.930 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:119 Resp: 337869

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	24.4	12.6	37.6



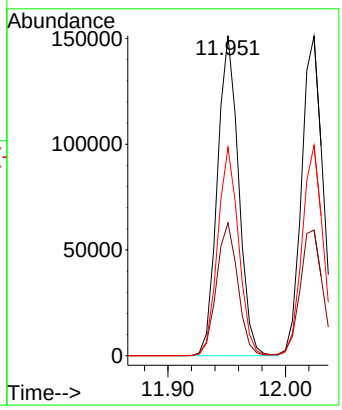


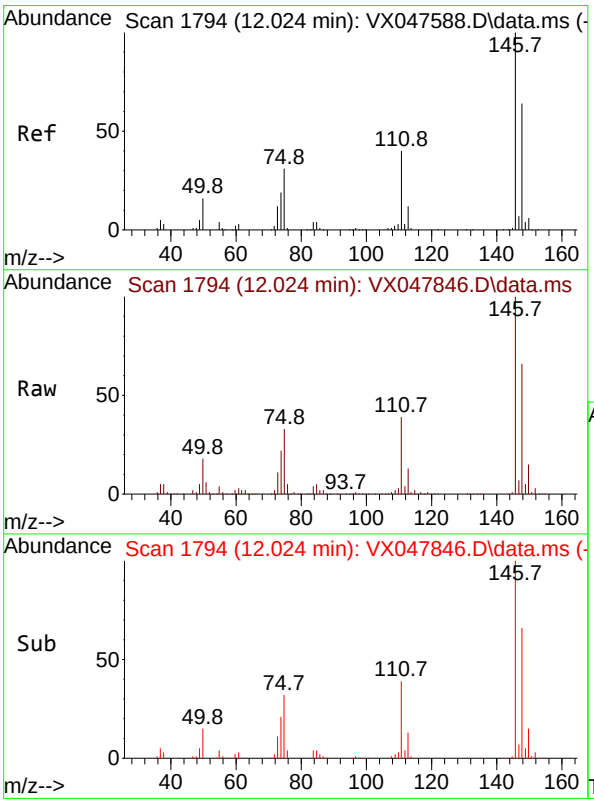
#87
1,3-Dichlorobenzene
Concen: 52.835 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 189590

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.5	64.5
148	64.0	32.0	96.0

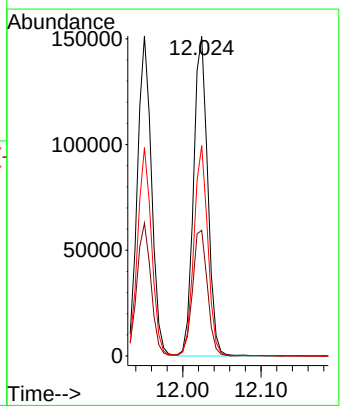


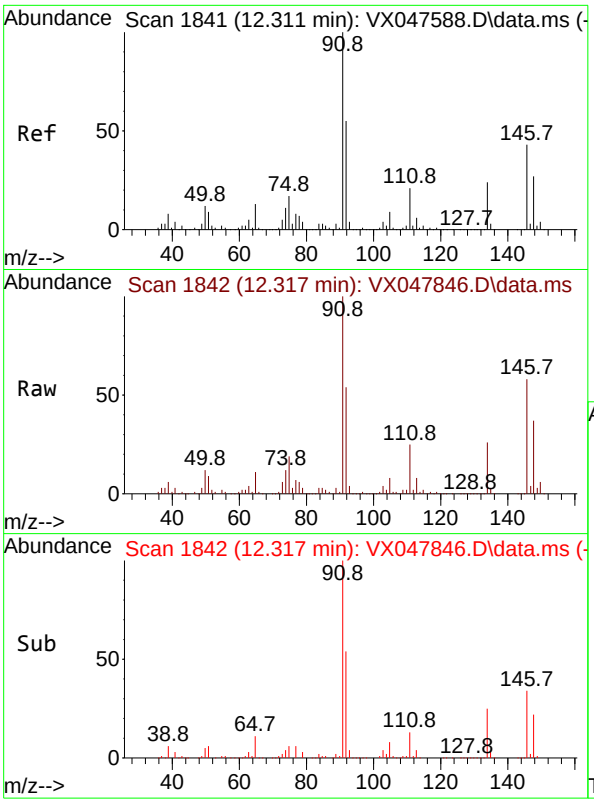


#88
1,4-Dichlorobenzene
Concen: 51.714 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:146 Resp: 190455

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.4
148	64.1	31.7	95.1



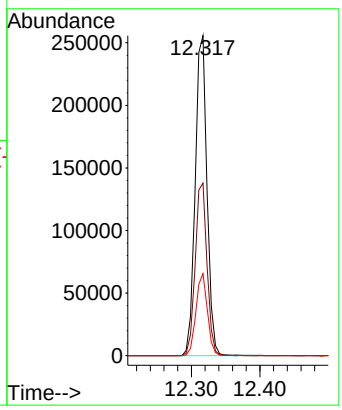


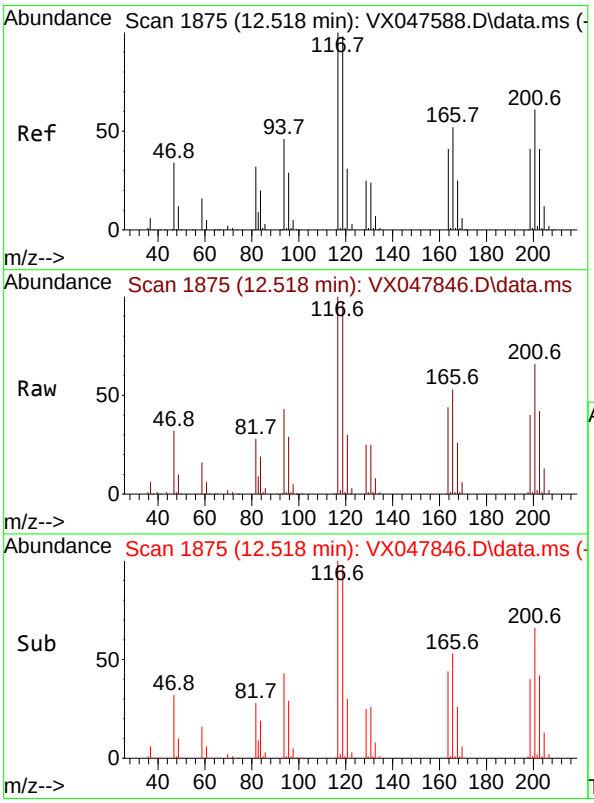
#89
n-Butylbenzene
Concen: 49.913 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 306387

Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.6	82.7
134	24.9	12.6	37.8

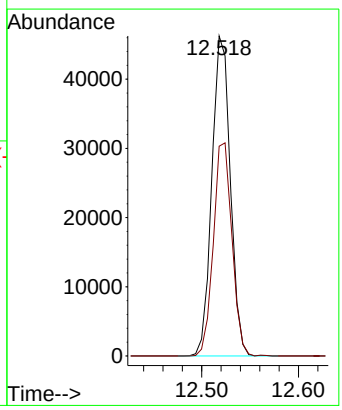


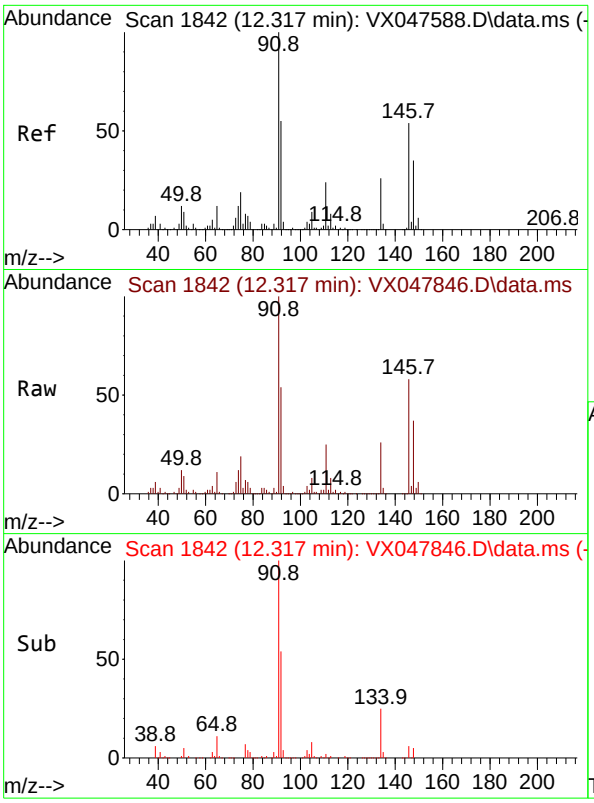


#90
Hexachloroethane
Concen: 52.570 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:117 Resp: 61230

Ion	Ratio	Lower	Upper
117	100		
201	67.2	34.2	102.5



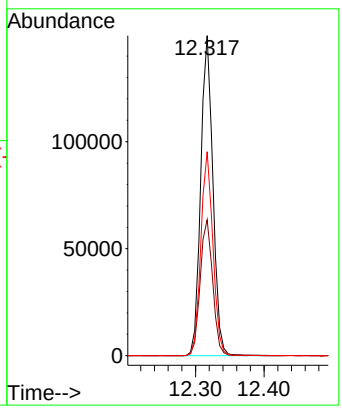


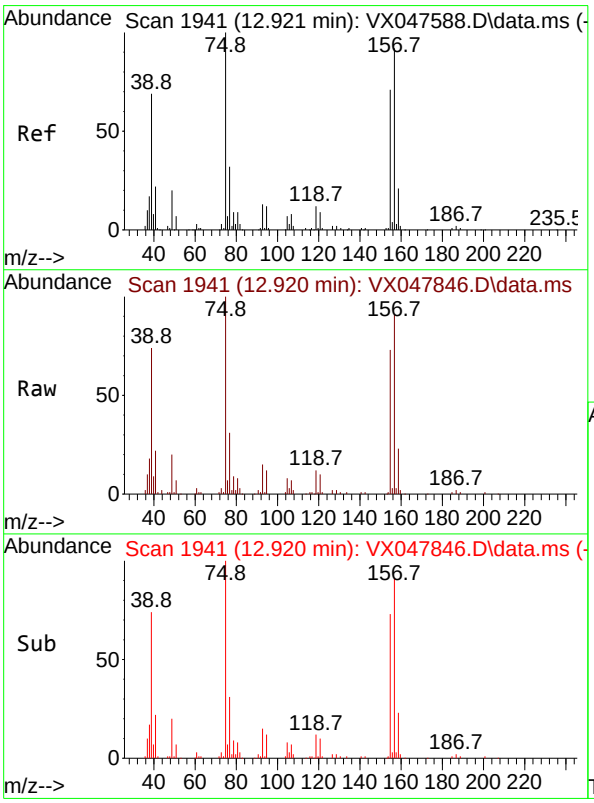
#91
1,2-Dichlorobenzene
Concen: 54.154 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 185133

Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.2	66.6
148	63.1	31.8	95.4

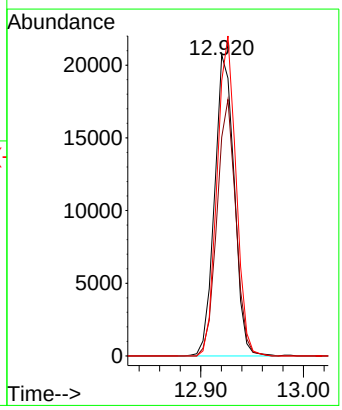


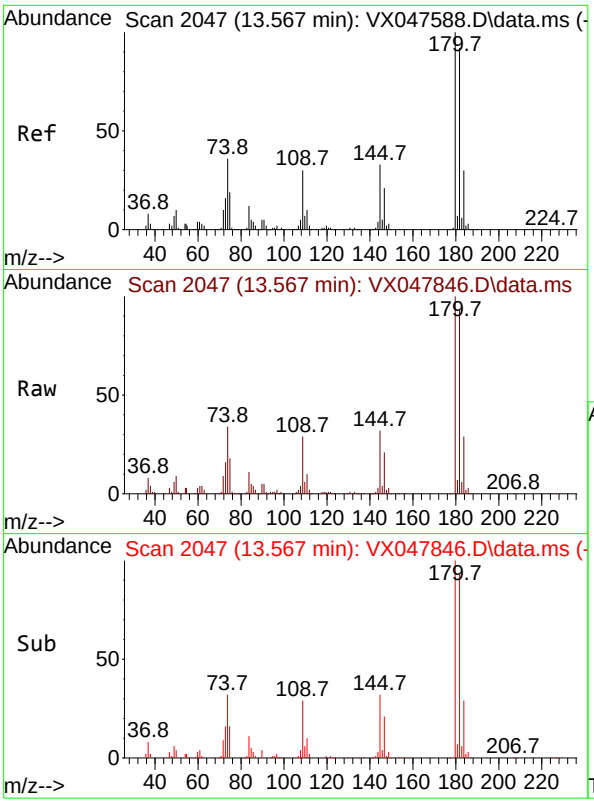


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.166 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 27467

Ion	Ratio	Lower	Upper
75	100		
155	81.7	37.7	113.1
157	102.6	49.8	149.4



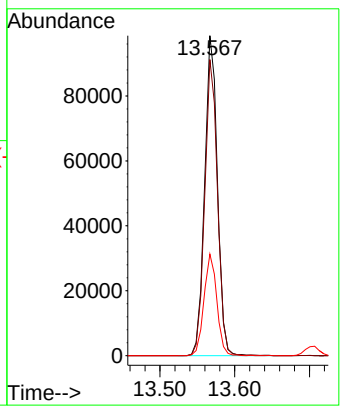


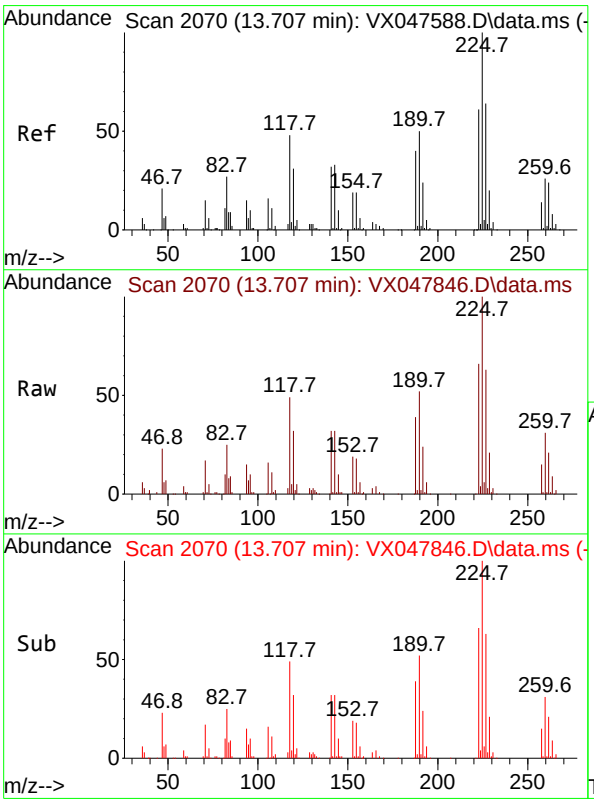
#93
1,2,4-Trichlorobenzene
Concen: 52.530 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 116711

Ion	Ratio	Lower	Upper
180	100		
182	92.8	46.6	139.8
145	31.9	16.4	49.1

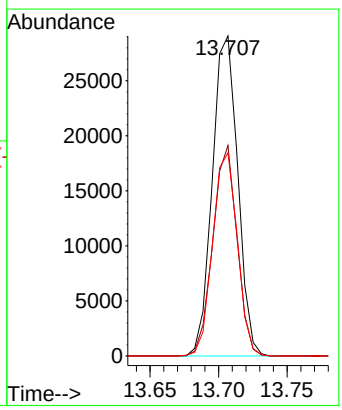


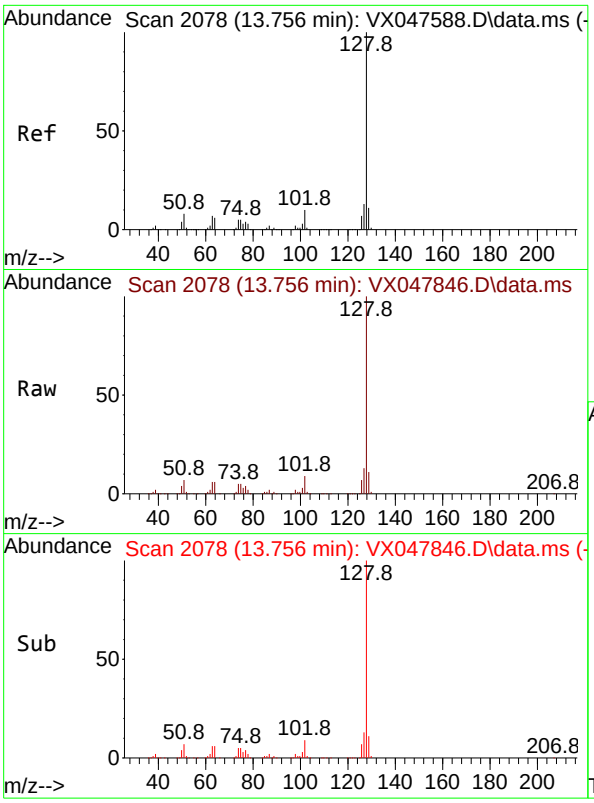


#94
Hexachlorobutadiene
Concen: 49.740 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:225 Resp: 37538

Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.7	95.1
227	61.6	32.0	96.0



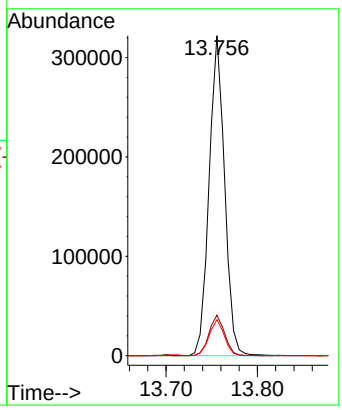


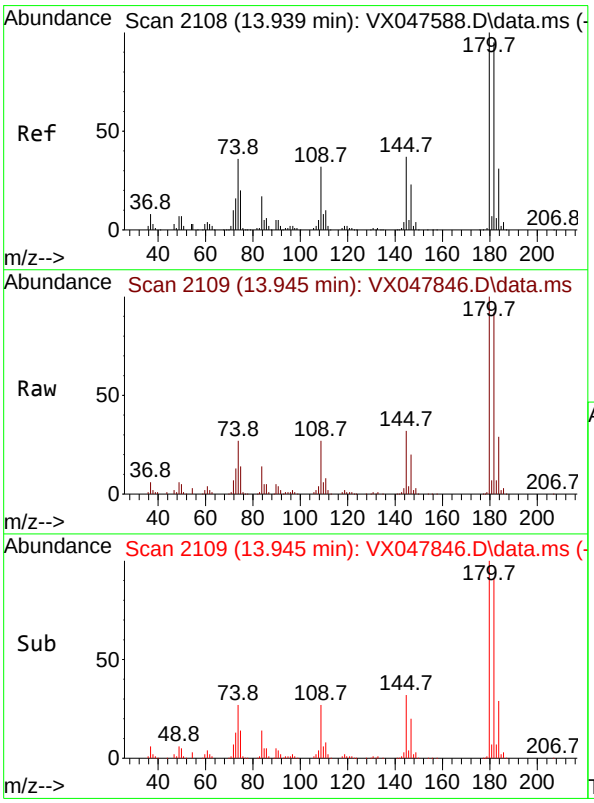
#95
Naphthalene
Concen: 55.899 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 378188

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.1	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 55.042 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:180 Resp: 113759

Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.6	142.8
145	34.0	17.9	53.7