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Cover Page

Order ID : Q2345

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

Client : AECOM Technical Services, Inc.

Lab Sample Number	Client Sample Number
Q2345-01	EB02-20250616
Q2345-02	TB03-20250616
Q2345-03	BPOW6-1-20250616
Q2345-04	BPOW6-2-20250616
Q2345-05	DUP05-20250616
Q2345-06	BPOW6-3-20250616
Q2345-07	BPOW6-5-20250616
Q2345-08	BPOW6-5-20250616MS
Q2345-09	BPOW6-5-20250616MSD
Q2345-10	BPOW6-6-20250616
Q2345-11	BPOW6-10-20250616
Q2345-12	BPOW6-9-20250616
Q2345-13	TT189D2-20250617
Q2345-14	TT150S1-20250617
Q2345-15	RW8-MW01D1-20250617
Q2345-16	TT192D2-20250617
Q2345-17	BPOW6-4-20250616

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

Signature : _____

Date: 6/25/2025

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 # Q2345
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
17 Water samples were received on 06/17/2025.

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

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

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

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

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

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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: Q2345 MATRIX: Water

METHOD: 8260D

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

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

NA NO YES

ADDITIONAL COMMENTS:

The not QT review data is reported in the Miscellaneous.

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

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2345**

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

QA Review Signature: **SOHIL JODHANI** **Date:** **06/25/2025**

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LAB CHRONICLE

OrderID:	Q2345	**OrderDate:**	6/17/2025 12:40:00 PM
Client:	AECOM Technical Services, Inc.	**Project:**	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258
Contact:	Eleanor Vivadou	**Location:**	D61,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2345-01	**EB02-20250616**	**Water**			**06/16/25**			**06/17/25**
			VOCMS Group1	8260-Low			06/19/25	
Q2345-02	**TB03-20250616**	**Water**			**06/16/25**			**06/17/25**
			VOCMS Group1	8260-Low			06/18/25	
Q2345-03	**BPOW6-1-20250616**	**Water**			**06/16/25**			**06/17/25**
			VOCMS Group1	8260-Low			06/18/25	
Q2345-04	**BPOW6-2-20250616**	**Water**			**06/16/25**			**06/17/25**
			VOCMS Group1	8260-Low			06/18/25	
Q2345-05	**DUP05-20250616**	**Water**			**06/16/25**			**06/17/25**
			VOCMS Group1	8260-Low			06/18/25	
Q2345-06	**BPOW6-3-20250616**	**Water**			**06/16/25**			**06/17/25**
			VOCMS Group1	8260-Low			06/18/25	
Q2345-07	**BPOW6-5-20250616**	**Water**			**06/16/25**			**06/17/25**
			VOCMS Group1	8260-Low			06/18/25	
Q2345-10	**BPOW6-6-20250616**	**Water**			**06/16/25**			**06/17/25**
			VOCMS Group1	8260-Low			06/18/25	
Q2345-11	**BPOW6-10-20250616**	**Water**			**06/16/25**			**06/17/25**
			VOCMS Group1	8260-Low			06/18/25	
Q2345-12	**BPOW6-9-20250616**	**Water**			**06/16/25**			**06/17/25**
			VOCMS Group1	8260-Low			06/18/25	
Q2345-13	**TT189D2-20250617**	**Water**			**06/17/25**			**06/17/25**
			VOCMS Group1	8260-Low			06/18/25	
Q2345-14	**TT150S1-20250617**	**Water**			**06/17/25**			**06/17/25**

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LAB CHRONICLE

			VOCMS Group1	8260-Low		06/18/25	
Q2345-15	**RW8-MW01D1-20250617**	**Water**			**06/17/25**		**06/17/25**
			VOCMS Group1	8260-Low		06/18/25	
Q2345-16	**TT192D2-20250617**	**Water**			**06/17/25**		**06/17/25**
			VOCMS Group1	8260-Low		06/18/25	
Q2345-17	**BPOW6-4-20250616**	**Water**			**06/16/25**		**06/17/25**
			VOCMS Group1	8260-Low		06/18/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2345

Client: AECOM Technical Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**EB02-20250616**								
Q2345-01	EB02-20250616	Water	Acetone	8.70		1.50	3.80	5.00	ug/L
Q2345-01	EB02-20250616	Water	Methylene Chloride	1.40		0.28	0.50	1.00	ug/L
			Total Voc :	10.1					
			Total Concentration:	10.1					
Client ID:	**BPOW6-2-20250616**								
Q2345-04	BPOW6-2-2025061	Water	m/p-Xylenes	0.38	J	0.24	1.00	2.00	ug/L
			Total Voc :	0.38					
			Total Concentration:	0.38					
Client ID:	**TT189D2-20250617**								
Q2345-13	TT189D2-2025061	Water	Dichlorodifluoromethane	0.42	J	0.22	0.50	1.00	ug/L
Q2345-13	TT189D2-2025061	Water	1,1,2-Trichlorotrifluoroethane	12.4		0.25	0.50	1.00	ug/L
Q2345-13	TT189D2-2025061	Water	1,1-Dichloroethene	0.80	J	0.23	0.75	1.00	ug/L
Q2345-13	TT189D2-2025061	Water	cis-1,2-Dichloroethene	1.70		0.19	0.75	1.00	ug/L
Q2345-13	TT189D2-2025061	Water	Trichloroethene	58.6		0.090	0.75	1.00	ug/L
Q2345-13	TT189D2-2025061	Water	Tetrachloroethene	0.34	J	0.23	0.50	1.00	ug/L
			Total Voc :	74.3					
			Total Concentration:	74.3					
Client ID:	**TT150S1-20250617**								
Q2345-14	TT150S1-20250617	Water	Trichloroethene	11.1		0.090	0.75	1.00	ug/L
Q2345-14	TT150S1-20250617	Water	Tetrachloroethene	1.30		0.23	0.50	1.00	ug/L
			Total Voc :	12.4					
			Total Concentration:	12.4					
Client ID:	**TT192D2-20250617**								
Q2345-16	TT192D2-2025061	Water	Dichlorodifluoromethane	0.35	J	0.22	0.50	1.00	ug/L
Q2345-16	TT192D2-2025061	Water	1,1,2-Trichlorotrifluoroethane	0.69	J	0.25	0.50	1.00	ug/L
Q2345-16	TT192D2-2025061	Water	Trichloroethene	0.33	J	0.090	0.75	1.00	ug/L
			Total Voc :	1.37					
			Total Concentration:	1.37					
Client ID:	**BPOW6-4-20250616**								
Q2345-17	BPOW6-4-2025061	Water	m/p-Xylenes	0.26	J	0.24	1.00	2.00	ug/L
			Total Voc :	0.26					
			Total Concentration:	0.26					

QC SUMMARY

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Surrogate Summary

SDG No.: Q2345

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2345-01	EB02-20250616	1,2-Dichloroethane-d4	50	47.8	96	81	118
		Dibromofluoromethane	50	50.0	100	80	119
		Toluene-d8	50	49.9	100	89	112
		4-Bromofluorobenzene	50	49.9	100	85	114
Q2345-02	TB03-20250616	1,2-Dichloroethane-d4	50	46.7	93	81	118
		Dibromofluoromethane	50	49.1	98	80	119
		Toluene-d8	50	50.0	100	89	112
		4-Bromofluorobenzene	50	49.0	98	85	114
Q2345-03	BPOW6-1-20250616	1,2-Dichloroethane-d4	50	44.8	90	81	118
		Dibromofluoromethane	50	48.9	98	80	119
		Toluene-d8	50	49.3	99	89	112
		4-Bromofluorobenzene	50	48.6	97	85	114
Q2345-04	BPOW6-2-20250616	1,2-Dichloroethane-d4	50	47.7	95	81	118
		Dibromofluoromethane	50	49.3	99	80	119
		Toluene-d8	50	49.9	100	89	112
		4-Bromofluorobenzene	50	49.2	98	85	114
Q2345-05	DUP05-20250616	1,2-Dichloroethane-d4	50	46.3	93	81	118
		Dibromofluoromethane	50	48.8	98	80	119
		Toluene-d8	50	49.4	99	89	112
		4-Bromofluorobenzene	50	48.1	96	85	114
Q2345-06	BPOW6-3-20250616	1,2-Dichloroethane-d4	50	46.3	93	81	118
		Dibromofluoromethane	50	48.6	97	80	119
		Toluene-d8	50	49.5	99	89	112
		4-Bromofluorobenzene	50	48.1	96	85	114
Q2345-07	BPOW6-5-20250616	1,2-Dichloroethane-d4	50	48.2	96	81	118
		Dibromofluoromethane	50	48.6	97	80	119
		Toluene-d8	50	49.2	98	89	112
		4-Bromofluorobenzene	50	49.7	99	85	114
Q2345-08MS	BPOW6-5-20250616MS	1,2-Dichloroethane-d4	50	50.6	101	81	118
		Dibromofluoromethane	50	52.1	104	80	119
		Toluene-d8	50	51.3	103	89	112
		4-Bromofluorobenzene	50	52.7	105	85	114
Q2345-09MSD	BPOW6-5-20250616MSD	1,2-Dichloroethane-d4	50	50.2	100	81	118
		Dibromofluoromethane	50	51.3	103	80	119
		Toluene-d8	50	51.4	103	89	112
		4-Bromofluorobenzene	50	52.5	105	85	114
Q2345-10	BPOW6-6-20250616	1,2-Dichloroethane-d4	50	46.9	94	81	118
		Dibromofluoromethane	50	48.7	97	80	119
		Toluene-d8	50	49.5	99	89	112
		4-Bromofluorobenzene	50	47.7	95	85	114
Q2345-11	BPOW6-10-20250616	1,2-Dichloroethane-d4	50	46.3	92	81	118
		Dibromofluoromethane	50	48.8	98	80	119
		Toluene-d8	50	49.4	99	89	112
		4-Bromofluorobenzene	50	48.7	97	85	114
Q2345-12	BPOW6-9-20250616	1,2-Dichloroethane-d4	50	48.2	96	81	118
		Dibromofluoromethane	50	49.5	99	80	119
		Toluene-d8	50	50.0	100	89	112
		4-Bromofluorobenzene	50	48.8	98	85	114
Q2345-13	TT189D2-20250617	1,2-Dichloroethane-d4	50	47.2	94	81	118
		Dibromofluoromethane	50	49.0	98	80	119

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Surrogate Summary

SDG No.: Q2345

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2345-13	TT189D2-20250617	Toluene-d8	50	48.8	98	89	112
		4-Bromofluorobenzene	50	48.4	97	85	114
Q2345-14	TT150S1-20250617	1,2-Dichloroethane-d4	50	48.5	97	81	118
		Dibromofluoromethane	50	49.3	99	80	119
		Toluene-d8	50	49.8	100	89	112
		4-Bromofluorobenzene	50	50.3	101	85	114
Q2345-15	RW8-MW01D1-20250617	1,2-Dichloroethane-d4	50	45.9	92	81	118
		Dibromofluoromethane	50	49.1	98	80	119
		Toluene-d8	50	49.3	99	89	112
		4-Bromofluorobenzene	50	48.4	97	85	114
Q2345-16	TT192D2-20250617	1,2-Dichloroethane-d4	50	47.7	95	81	118
		Dibromofluoromethane	50	49.1	98	80	119
		Toluene-d8	50	49.8	100	89	112
		4-Bromofluorobenzene	50	48.2	96	85	114
Q2345-17	BPOW6-4-20250616	1,2-Dichloroethane-d4	50	47.8	96	81	118
		Dibromofluoromethane	50	49.0	98	80	119
		Toluene-d8	50	49.9	100	89	112
		4-Bromofluorobenzene	50	49.2	98	85	114
VX0618WBL01	VX0618WBL01	1,2-Dichloroethane-d4	50	45.5	91	81	118
		Dibromofluoromethane	50	48.8	98	80	119
		Toluene-d8	50	49.4	99	89	112
		4-Bromofluorobenzene	50	50.6	101	85	114
VX0618WBS01	VX0618WBS01	1,2-Dichloroethane-d4	50	49.7	99	81	118
		Dibromofluoromethane	50	50.5	101	80	119
		Toluene-d8	50	51.3	103	89	112
		4-Bromofluorobenzene	50	53.9	108	85	114
VX0619WBL01	VX0619WBL01	1,2-Dichloroethane-d4	50	48.3	97	81	118
		Dibromofluoromethane	50	49.0	98	80	119
		Toluene-d8	50	50.0	100	89	112
		4-Bromofluorobenzene	50	49.4	99	85	114
VX0619WBS01	VX0619WBS01	1,2-Dichloroethane-d4	50	49.8	100	81	118
		Dibromofluoromethane	50	52.0	104	80	119
		Toluene-d8	50	52.3	105	89	112
		4-Bromofluorobenzene	50	54.1	108	85	114

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2345

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q2345-08MS		**Client Sample ID : BPOW6-5-20250616MS**						**Datafile :** VX046753.D			
Dichlorodifluoromethane	50	0	49.8	ug/L	100				32	152	
Chloromethane	50	0	49.2	ug/L	98				50	139	
Vinyl chloride	50	0	50.2	ug/L	100				58	137	
Bromomethane	50	0	52.0	ug/L	104				53	141	
Chloroethane	50	0	49.8	ug/L	100				60	138	
Trichlorofluoromethane	50	0	49.1	ug/L	98				65	141	
1,1,2-Trichlorotrifluoroethane	50	0	48.4	ug/L	97				70	136	
1,1-Dichloroethene	50	0	50.3	ug/L	101				71	131	
Acetone	250	0	210	ug/L	84				39	160	
Carbon disulfide	50	0	46.2	ug/L	92				64	133	
Methyl tert-butyl Ether	50	0	46.1	ug/L	92				71	124	
Methyl Acetate	50	0	44.5	ug/L	89				56	136	
Methylene Chloride	50	0	47.6	ug/L	95				74	124	
trans-1,2-Dichloroethene	50	0	48.8	ug/L	98				75	124	
1,1-Dichloroethane	50	0	48.4	ug/L	97				77	125	
Cyclohexane	50	0	47.0	ug/L	94				71	130	
2-Butanone	250	0	220	ug/L	88				56	143	
Carbon Tetrachloride	50	0	45.8	ug/L	92				72	136	
cis-1,2-Dichloroethene	50	0	48.7	ug/L	97				78	123	
Bromochloromethane	50	0	53.2	ug/L	106				78	123	
Chloroform	50	0	49.4	ug/L	99				79	124	
1,1,1-Trichloroethane	50	0	47.5	ug/L	95				74	131	
Methylcyclohexane	50	0	45.6	ug/L	91				72	132	
Benzene	50	0	48.0	ug/L	96				79	120	
1,2-Dichloroethane	50	0	46.8	ug/L	94				73	128	
Trichloroethene	50	0	47.1	ug/L	94				79	123	
1,2-Dichloropropane	50	0	47.8	ug/L	96				78	122	
Bromodichloromethane	50	0	47.9	ug/L	96				79	125	
4-Methyl-2-Pentanone	250	0	230	ug/L	92				67	130	
Toluene	50	0	48.2	ug/L	96				80	121	
t-1,3-Dichloropropene	50	0	46.5	ug/L	93				73	127	
cis-1,3-Dichloropropene	50	0	45.8	ug/L	92				75	124	
1,1,2-Trichloroethane	50	0	47.1	ug/L	94				80	119	
2-Hexanone	250	0	220	ug/L	88				57	139	
Dibromochloromethane	50	0	47.5	ug/L	95				74	126	
1,2-Dibromoethane	50	0	47.6	ug/L	95				77	121	
Tetrachloroethene	50	0	44.6	ug/L	89				74	129	
Chlorobenzene	50	0	46.8	ug/L	94				82	118	
Ethyl Benzene	50	0	46.6	ug/L	93				79	121	
m/p-Xylenes	100	0	95.0	ug/L	95				80	121	
o-Xylene	50	0	48.2	ug/L	96				78	122	
Styrene	50	0	47.7	ug/L	95				78	123	
Bromoform	50	0	44.8	ug/L	90				66	130	
Isopropylbenzene	50	0	47.1	ug/L	94				72	131	
1,1,2,2-Tetrachloroethane	50	0	45.8	ug/L	92				71	121	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2345

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	44.1	ug/L	88				80	119	
1,4-Dichlorobenzene	50	0	43.2	ug/L	86				79	118	
1,2-Dichlorobenzene	50	0	45.7	ug/L	91				80	119	
1,2-Dibromo-3-Chloropropane	50	0	42.6	ug/L	85				62	128	
1,2,4-Trichlorobenzene	50	0	43.8	ug/L	88				69	130	
1,2,3-Trichlorobenzene	50	0	45.2	ug/L	90				69	129	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2345

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q2345-09MSD	**Client Sample ID : BPOW6-5-20250616MSD**							**Datafile :** VX046754.D			
Dichlorodifluoromethane	50	0	49.2	ug/L	98		1		32	152	20
Chloromethane	50	0	48.3	ug/L	97		2		50	139	20
Vinyl chloride	50	0	49.5	ug/L	99		1		58	137	20
Bromomethane	50	0	54.5	ug/L	109		5		53	141	20
Chloroethane	50	0	50.6	ug/L	101		2		60	138	20
Trichlorofluoromethane	50	0	47.9	ug/L	96		2		65	141	20
1,1,2-Trichlorotrifluoroethane	50	0	47.4	ug/L	95		2		70	136	20
1,1-Dichloroethene	50	0	49.4	ug/L	99		2		71	131	20
Acetone	250	0	210	ug/L	84		0		39	160	20
Carbon disulfide	50	0	45.7	ug/L	91		1		64	133	20
Methyl tert-butyl Ether	50	0	46.8	ug/L	94		2		71	124	20
Methyl Acetate	50	0	43.1	ug/L	86		3		56	136	20
Methylene Chloride	50	0	46.5	ug/L	93		2		74	124	20
trans-1,2-Dichloroethene	50	0	47.6	ug/L	95		2		75	124	20
1,1-Dichloroethane	50	0	48.6	ug/L	97		0		77	125	20
Cyclohexane	50	0	47.2	ug/L	94		0		71	130	20
2-Butanone	250	0	230	ug/L	92		4		56	143	20
Carbon Tetrachloride	50	0	47.0	ug/L	94		3		72	136	20
cis-1,2-Dichloroethene	50	0	48.7	ug/L	97		0		78	123	20
Bromochloromethane	50	0	55.8	ug/L	112		5		78	123	20
Chloroform	50	0	49.8	ug/L	100		1		79	124	20
1,1,1-Trichloroethane	50	0	48.6	ug/L	97		2		74	131	20
Methylcyclohexane	50	0	46.2	ug/L	92		1		72	132	20
Benzene	50	0	48.6	ug/L	97		1		79	120	20
1,2-Dichloroethane	50	0	47.7	ug/L	95		2		73	128	20
Trichloroethene	50	0	48.0	ug/L	96		2		79	123	20
1,2-Dichloropropane	50	0	49.2	ug/L	98		3		78	122	20
Bromodichloromethane	50	0	48.8	ug/L	98		2		79	125	20
4-Methyl-2-Pentanone	250	0	230	ug/L	92		0		67	130	20
Toluene	50	0	48.8	ug/L	98		1		80	121	20
t-1,3-Dichloropropene	50	0	48.3	ug/L	97		4		73	127	20
cis-1,3-Dichloropropene	50	0	48.0	ug/L	96		5		75	124	20
1,1,2-Trichloroethane	50	0	48.6	ug/L	97		3		80	119	20
2-Hexanone	250	0	230	ug/L	92		4		57	139	20
Dibromochloromethane	50	0	48.3	ug/L	97		2		74	126	20
1,2-Dibromoethane	50	0	48.5	ug/L	97		2		77	121	20
Tetrachloroethene	50	0	44.7	ug/L	89		0		74	129	20
Chlorobenzene	50	0	46.8	ug/L	94		0		82	118	20
Ethyl Benzene	50	0	47.1	ug/L	94		1		79	121	20
m/p-Xylenes	100	0	95.0	ug/L	95		0		80	121	20
o-Xylene	50	0	49.3	ug/L	99		2		78	122	20
Styrene	50	0	48.6	ug/L	97		2		78	123	20
Bromoform	50	0	45.9	ug/L	92		2		66	130	20
Isopropylbenzene	50	0	48.1	ug/L	96		2		72	131	20
1,1,2,2-Tetrachloroethane	50	0	47.1	ug/L	94		3		71	121	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2345

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	44.9	ug/L	90		2		80	119	20
1,4-Dichlorobenzene	50	0	43.9	ug/L	88		2		79	118	20
1,2-Dichlorobenzene	50	0	46.9	ug/L	94		3		80	119	20
1,2-Dibromo-3-Chloropropane	50	0	44.3	ug/L	89		4		62	128	20
1,2,4-Trichlorobenzene	50	0	45.4	ug/L	91		4		69	130	20
1,2,3-Trichlorobenzene	50	0	46.7	ug/L	93		3		69	129	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2345

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046731.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0618WBS01	Dichlorodifluoromethane	20	19.7	ug/L	99			32	152	
	Chloromethane	20	19.2	ug/L	96			50	139	
	Vinyl chloride	20	19.2	ug/L	96			58	137	
	Bromomethane	20	21.9	ug/L	110			53	141	
	Chloroethane	20	19.2	ug/L	96			60	138	
	Trichlorofluoromethane	20	19.2	ug/L	96			65	141	
	1,1,2-Trichlorotrifluoroethane	20	19.1	ug/L	96			70	136	
	1,1-Dichloroethene	20	18.7	ug/L	94			71	131	
	Acetone	100	89.9	ug/L	90			39	160	
	Carbon disulfide	20	17.4	ug/L	87			64	133	
	Methyl tert-butyl Ether	20	18.0	ug/L	90			71	124	
	Methyl Acetate	20	17.9	ug/L	90			56	136	
	Methylene Chloride	20	18.2	ug/L	91			74	124	
	trans-1,2-Dichloroethene	20	18.4	ug/L	92			75	124	
	1,1-Dichloroethane	20	18.7	ug/L	94			77	125	
	Cyclohexane	20	18.8	ug/L	94			71	130	
	2-Butanone	100	89.9	ug/L	90			56	143	
	Carbon Tetrachloride	20	18.4	ug/L	92			72	136	
	cis-1,2-Dichloroethene	20	18.8	ug/L	94			78	123	
	Bromochloromethane	20	22.0	ug/L	110			78	123	
	Chloroform	20	18.9	ug/L	95			79	124	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			74	131	
	Methylcyclohexane	20	18.6	ug/L	93			72	132	
	Benzene	20	18.8	ug/L	94			79	120	
	1,2-Dichloroethane	20	18.8	ug/L	94			73	128	
	Trichloroethene	20	18.3	ug/L	92			79	123	
	1,2-Dichloropropane	20	18.5	ug/L	93			78	122	
	Bromodichloromethane	20	18.7	ug/L	94			79	125	
	4-Methyl-2-Pentanone	100	91.3	ug/L	91			67	130	
	Toluene	20	19.1	ug/L	96			80	121	
	t-1,3-Dichloropropene	20	18.3	ug/L	92			73	127	
	cis-1,3-Dichloropropene	20	18.4	ug/L	92			75	124	
	1,1,2-Trichloroethane	20	18.7	ug/L	94			80	119	
	2-Hexanone	100	92.2	ug/L	92			57	139	
	Dibromochloromethane	20	18.8	ug/L	94			74	126	
	1,2-Dibromoethane	20	19.1	ug/L	96			77	121	
	Tetrachloroethene	20	18.1	ug/L	91			74	129	
	Chlorobenzene	20	18.3	ug/L	92			82	118	
	Ethyl Benzene	20	18.3	ug/L	92			79	121	
	m/p-Xylenes	40	37.2	ug/L	93			80	121	
	o-Xylene	20	19.1	ug/L	96			78	122	
	Styrene	20	18.8	ug/L	94			78	123	
	Bromoform	20	17.9	ug/L	90			66	130	
	Isopropylbenzene	20	17.9	ug/L	90			72	131	
	1,1,2,2-Tetrachloroethane	20	17.6	ug/L	88			71	121	
	1,3-Dichlorobenzene	20	17.2	ug/L	86			80	119	
	1,4-Dichlorobenzene	20	17.1	ug/L	86			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.: Q2345

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046731.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0618WBS01	1,2-Dibromo-3-Chloropropane	20	16.3	ug/L	81			62	128	
	1,2,4-Trichlorobenzene	20	17.4	ug/L	87			69	130	
	1,2,3-Trichlorobenzene	20	17.4	ug/L	87			69	129	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2345

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046762.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0619WBS01	Dichlorodifluoromethane	20	19.1	ug/L	96			32	152	
	Chloromethane	20	18.7	ug/L	94			50	139	
	Vinyl chloride	20	18.9	ug/L	95			58	137	
	Bromomethane	20	21.2	ug/L	106			53	141	
	Chloroethane	20	19.9	ug/L	100			60	138	
	Trichlorofluoromethane	20	18.4	ug/L	92			65	141	
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93			70	136	
	1,1-Dichloroethene	20	18.6	ug/L	93			71	131	
	Acetone	100	74.1	ug/L	74			39	160	
	Carbon disulfide	20	17.0	ug/L	85			64	133	
	Methyl tert-butyl Ether	20	17.0	ug/L	85			71	124	
	Methyl Acetate	20	16.0	ug/L	80			56	136	
	Methylene Chloride	20	18.1	ug/L	91			74	124	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			75	124	
	1,1-Dichloroethane	20	18.5	ug/L	93			77	125	
	Cyclohexane	20	18.8	ug/L	94			71	130	
	2-Butanone	100	78.9	ug/L	79			56	143	
	Carbon Tetrachloride	20	18.0	ug/L	90			72	136	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			78	123	
	Bromochloromethane	20	20.8	ug/L	104			78	123	
	Chloroform	20	19.0	ug/L	95			79	124	
	1,1,1-Trichloroethane	20	17.7	ug/L	89			74	131	
	Methylcyclohexane	20	18.5	ug/L	93			72	132	
	Benzene	20	18.9	ug/L	95			79	120	
	1,2-Dichloroethane	20	18.5	ug/L	93			73	128	
	Trichloroethene	20	18.4	ug/L	92			79	123	
	1,2-Dichloropropane	20	18.4	ug/L	92			78	122	
	Bromodichloromethane	20	18.9	ug/L	95			79	125	
	4-Methyl-2-Pentanone	100	81.6	ug/L	82			67	130	
	Toluene	20	19.0	ug/L	95			80	121	
	t-1,3-Dichloropropene	20	18.0	ug/L	90			73	127	
	cis-1,3-Dichloropropene	20	18.2	ug/L	91			75	124	
	1,1,2-Trichloroethane	20	18.5	ug/L	93			80	119	
	2-Hexanone	100	78.9	ug/L	79			57	139	
	Dibromochloromethane	20	18.4	ug/L	92			74	126	
	1,2-Dibromoethane	20	18.0	ug/L	90			77	121	
	Tetrachloroethene	20	17.7	ug/L	89			74	129	
	Chlorobenzene	20	18.0	ug/L	90			82	118	
	Ethyl Benzene	20	18.0	ug/L	90			79	121	
	m/p-Xylenes	40	37.2	ug/L	93			80	121	
	o-Xylene	20	18.6	ug/L	93			78	122	
	Styrene	20	18.3	ug/L	92			78	123	
	Bromoform	20	16.7	ug/L	84			66	130	
	Isopropylbenzene	20	18.1	ug/L	91			72	131	
	1,1,2,2-Tetrachloroethane	20	17.3	ug/L	86			71	121	
	1,3-Dichlorobenzene	20	17.8	ug/L	89			80	119	
	1,4-Dichlorobenzene	20	17.5	ug/L	88			79	118	
	1,2-Dichlorobenzene	20	18.1	ug/L	91			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2345

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046762.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0619WBS01	1,2-Dibromo-3-Chloropropane	20	15.1	ug/L	76			62	128	
	1,2,4-Trichlorobenzene	20	17.1	ug/L	86			69	130	
	1,2,3-Trichlorobenzene	20	17.6	ug/L	88			69	129	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0618WBL01

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG NO.: Q2345

Lab File ID: VX046730.D Lab Sample ID: VX0618WBL01

Date Analyzed: 06/18/2025 Time Analyzed: 10:45

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
VX0618WBS01	VX0618WBS01	VX046731.D	06/18/2025
TB03-20250616	Q2345-02	VX046734.D	06/18/2025
BPOW6-1-20250616	Q2345-03	VX046735.D	06/18/2025
BPOW6-2-20250616	Q2345-04	VX046736.D	06/18/2025
DUP05-20250616	Q2345-05	VX046737.D	06/18/2025
BPOW6-3-20250616	Q2345-06	VX046738.D	06/18/2025
BPOW6-5-20250616	Q2345-07	VX046739.D	06/18/2025
BPOW6-6-20250616	Q2345-10	VX046740.D	06/18/2025
BPOW6-10-20250616	Q2345-11	VX046741.D	06/18/2025
BPOW6-9-20250616	Q2345-12	VX046742.D	06/18/2025
TT189D2-20250617	Q2345-13	VX046743.D	06/18/2025
TT150S1-20250617	Q2345-14	VX046744.D	06/18/2025
RW8-MW01D1-20250617	Q2345-15	VX046745.D	06/18/2025
TT192D2-20250617	Q2345-16	VX046746.D	06/18/2025
BPOW6-4-20250616	Q2345-17	VX046747.D	06/18/2025
BPOW6-5-20250616MS	Q2345-08MS	VX046753.D	06/18/2025
BPOW6-5-20250616MSD	Q2345-09MSD	VX046754.D	06/18/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0619WBL01

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG NO.: Q2345

Lab File ID: VX046760.D Lab Sample ID: VX0619WBL01

Date Analyzed: 06/19/2025 Time Analyzed: 10:33

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
EB02-20250616	Q2345-01	VX046761.D	06/19/2025
VX0619WBS01	VX0619WBS01	VX046762.D	06/19/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG NO.: Q2345

Lab File ID: VX046715.D BFB Injection Date: 06/17/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:46

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	18.7
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	74.8
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	72 (96.2) 1
177	5.0 - 9.0% of mass 176	4.3 (6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VX046718.D	06/17/2025	11:19
VSTDICC020	VSTDICC020	VX046719.D	06/17/2025	13:59
VSTDICCC050	VSTDICCC050	VX046720.D	06/17/2025	14:20
VSTDICC100	VSTDICC100	VX046721.D	06/17/2025	14:41
VSTDICC150	VSTDICC150	VX046722.D	06/17/2025	15:02
VSTDICC001	VSTDICC001	VX046725.D	06/17/2025	17:18

Raw Data: **VX046727.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG NO.: Q2345

Lab File ID: VX046727.D BFB Injection Date: 06/18/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:59

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	18.9
75	30.0 - 60.0% of mass 95	50.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.6) 1
174	50.0 - 100.0% of mass 95	74
175	5.0 - 9.0% of mass 174	5.6 (7.5) 1
176	95.0 - 101.0% of mass 174	71.4 (96.5) 1
177	5.0 - 9.0% of mass 176	4.5 (6.3) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046728.D	06/18/2025	09:33
VX0618WBL01	VX0618WBL01	VX046730.D	06/18/2025	10:45
VX0618WBS01	VX0618WBS01	VX046731.D	06/18/2025	11:07
TB03-20250616	Q2345-02	VX046734.D	06/18/2025	12:12
BPOW6-1-20250616	Q2345-03	VX046735.D	06/18/2025	12:33
BPOW6-2-20250616	Q2345-04	VX046736.D	06/18/2025	12:54
DUP05-20250616	Q2345-05	VX046737.D	06/18/2025	13:15
BPOW6-3-20250616	Q2345-06	VX046738.D	06/18/2025	13:37
BPOW6-5-20250616	Q2345-07	VX046739.D	06/18/2025	13:58
BPOW6-6-20250616	Q2345-10	VX046740.D	06/18/2025	14:20
BPOW6-10-20250616	Q2345-11	VX046741.D	06/18/2025	14:41
BPOW6-9-20250616	Q2345-12	VX046742.D	06/18/2025	15:03
TT189D2-20250617	Q2345-13	VX046743.D	06/18/2025	15:24
TT150S1-20250617	Q2345-14	VX046744.D	06/18/2025	15:46
RW8-MW01D1-20250617	Q2345-15	VX046745.D	06/18/2025	16:07
TT192D2-20250617	Q2345-16	VX046746.D	06/18/2025	16:29
BPOW6-4-20250616	Q2345-17	VX046747.D	06/18/2025	16:50
BPOW6-5-20250616MS	Q2345-08MS	VX046753.D	06/18/2025	18:58

Raw Data: **VX046727.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG NO.: Q2345

Lab File ID: VX046727.D BFB Injection Date: 06/18/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:59

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	18.9
75	30.0 - 60.0% of mass 95	50.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.6) 1
174	50.0 - 100.0% of mass 95	74
175	5.0 - 9.0% of mass 174	5.6 (7.5) 1
176	95.0 - 101.0% of mass 174	71.4 (96.5) 1
177	5.0 - 9.0% of mass 176	4.5 (6.3) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
BPOW6-5-20250616MSD	Q2345-09MSD	VX046754.D	06/18/2025	19:19
VSTDCCC050EC	VSTDCCC050	VX046756.D	06/18/2025	20:01

Raw Data: **VX046757.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG NO.: Q2345

Lab File ID: VX046757.D BFB Injection Date: 06/19/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:42

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	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	72.6
175	5.0 - 9.0% of mass 174	5.7 (7.8) 1
176	95.0 - 101.0% of mass 174	71.1 (97.9) 1
177	5.0 - 9.0% of mass 176	4.5 (6.3) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046758.D	06/19/2025	09:43
VX0619WBL01	VX0619WBL01	VX046760.D	06/19/2025	10:33
EB02-20250616	Q2345-01	VX046761.D	06/19/2025	11:03
VX0619WBS01	VX0619WBS01	VX046762.D	06/19/2025	11:24
VSTDCCC050EC	VSTDCCC050	VX046775.D	06/19/2025	17:10

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG NO.: Q2345

Lab File ID: VX046728.D Date Analyzed: 06/18/2025

Instrument ID: MSVOA_X Time Analyzed: 09:33

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	153144	5.56	247293	6.76	216990	10.06
UPPER LIMIT	306288	6.056	494586	7.263	433980	10.555
LOWER LIMIT	76572	5.056	123647	6.263	108495	9.555
EPA SAMPLE NO.						
TB03-20250616	131404	5.57	213527	6.77	190496	10.06
BPOW6-1-20250616	208218	5.56	333734	6.77	292626	10.06
BPOW6-2-20250616	133570	5.56	218146	6.77	194756	10.06
DUP05-20250616	201684	5.57	330858	6.77	287321	10.06
BPOW6-3-20250616	203124	5.56	332589	6.77	290067	10.06
BPOW6-5-20250616	138024	5.57	229333	6.77	204785	10.06
BPOW6-5-20250616MS	143057	5.56	240999	6.77	215546	10.06
BPOW6-5-20250616MSD	136146	5.56	229178	6.77	208450	10.06
BPOW6-6-20250616	202843	5.57	334138	6.77	291485	10.06
BPOW6-10-20250616	221164	5.56	359780	6.77	315084	10.06
BPOW6-9-20250616	133892	5.57	222699	6.78	198876	10.06
TT189D2-20250617	217878	5.57	358276	6.77	311829	10.06
TT150S1-20250617	128949	5.57	213744	6.77	192588	10.06
RW8-MW01D1-20250617	226176	5.57	367631	6.77	322256	10.06
TT192D2-20250617	133130	5.57	221280	6.77	195519	10.06
BPOW6-4-20250616	210931	5.56	348901	6.77	308900	10.06
VX0618WBL01	167417	5.56	270618	6.76	242123	10.06
VX0618WBS01	156160	5.56	258286	6.77	234034	10.06

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG NO.: Q2345

Lab File ID: VX046728.D Date Analyzed: 06/18/2025

Instrument ID: MSVOA_X Time Analyzed: 09:33

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	153144	5.56	247293	6.76	216990	10.06
UPPER LIMIT	306288	6.056	494586	7.263	433980	10.555
LOWER LIMIT	76572	5.056	123647	6.263	108495	9.555
EPA SAMPLE NO.						

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG NO.: Q2345

Lab File ID: VX046728.D Date Analyzed: 06/18/2025

Instrument ID: MSVOA_X Time Analyzed: 09:33

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

	IS4 AREA #	RT #				
12 HOUR STD	104970	12.018				
UPPER LIMIT	209940	12.518				
LOWER LIMIT	52485	11.518				
EPA SAMPLE NO.						
TB03-20250616	88415	12.02				
BPOW6-1-20250616	140376	12.02				
BPOW6-2-20250616	93153	12.02				
DUP05-20250616	137822	12.02				
BPOW6-3-20250616	141430	12.02				
BPOW6-5-20250616	98514	12.02				
BPOW6-5-20250616MS	107663	12.02				
BPOW6-5-20250616MSD	102802	12.02				
BPOW6-6-20250616	140253	12.02				
BPOW6-10-20250616	151979	12.02				
BPOW6-9-20250616	94577	12.02				
TT189D2-20250617	149381	12.02				
TT150S1-20250617	93953	12.02				
RW8-MW01D1-20250617	153646	12.02				
TT192D2-20250617	93964	12.02				
BPOW6-4-20250616	147369	12.02				
VX0618WBL01	121135	12.02				
VX0618WBS01	121898	12.02				

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG NO.: Q2345

Lab File ID: VX046728.D Date Analyzed: 06/18/2025

Instrument ID: MSVOA_X Time Analyzed: 09:33

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

	IS4 AREA #	RT #				
12 HOUR STD	104970	12.018				
UPPER LIMIT	209940	12.518				
LOWER LIMIT	52485	11.518				
EPA SAMPLE NO.						

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG NO.: Q2345

Lab File ID: VX046758.D Date Analyzed: 06/19/2025

Instrument ID: MSVOA_X Time Analyzed: 09:43

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	137182	5.56	224265	6.76	197740	10.05
UPPER LIMIT	274364	6.056	448530	7.263	395480	10.549
LOWER LIMIT	68591	5.056	112133	6.263	98870	9.549
EPA SAMPLE NO.						
EB02-20250616	124608	5.56	209152	6.76	190032	10.06
VX0619WBL01	124937	5.56	212303	6.77	191555	10.06
VX0619WBS01	137936	5.56	227140	6.77	207463	10.06

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG NO.: Q2345

Lab File ID: VX046758.D Date Analyzed: 06/19/2025

Instrument ID: MSVOA_X Time Analyzed: 09:43

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

	IS4 AREA #	RT #				
12 HOUR STD	96867	12.018				
UPPER LIMIT	193734	12.518				
LOWER LIMIT	48433.5	11.518				
EPA SAMPLE NO.						
EB02-20250616	90738	12.02				
VX0619WBL01	93040	12.02				
VX0619WBS01	104652	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	EB02-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-01	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046761.D	1		06/19/25 11:03	VX061925

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	8.70		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	1.40		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
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Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	EB02-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-01	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046761.D	1		06/19/25 11:03	VX061925

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	47.8		81 - 118		96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		80 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	49.8		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		85 - 114		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	125000	5.556				
540-36-3	1,4-Difluorobenzene	209000	6.763				
3114-55-4	Chlorobenzene-d5	190000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	90700	12.018				

Raw Data: **VX046761.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	EB02-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-01	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046761.D	1		06/19/25 11:03	VX061925

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\VX061925\
Data File : VX046761.D
Acq On : 19 Jun 2025 11:03
Operator : JC/MD
Sample : Q2345-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

Quant Time: Jun 20 05:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

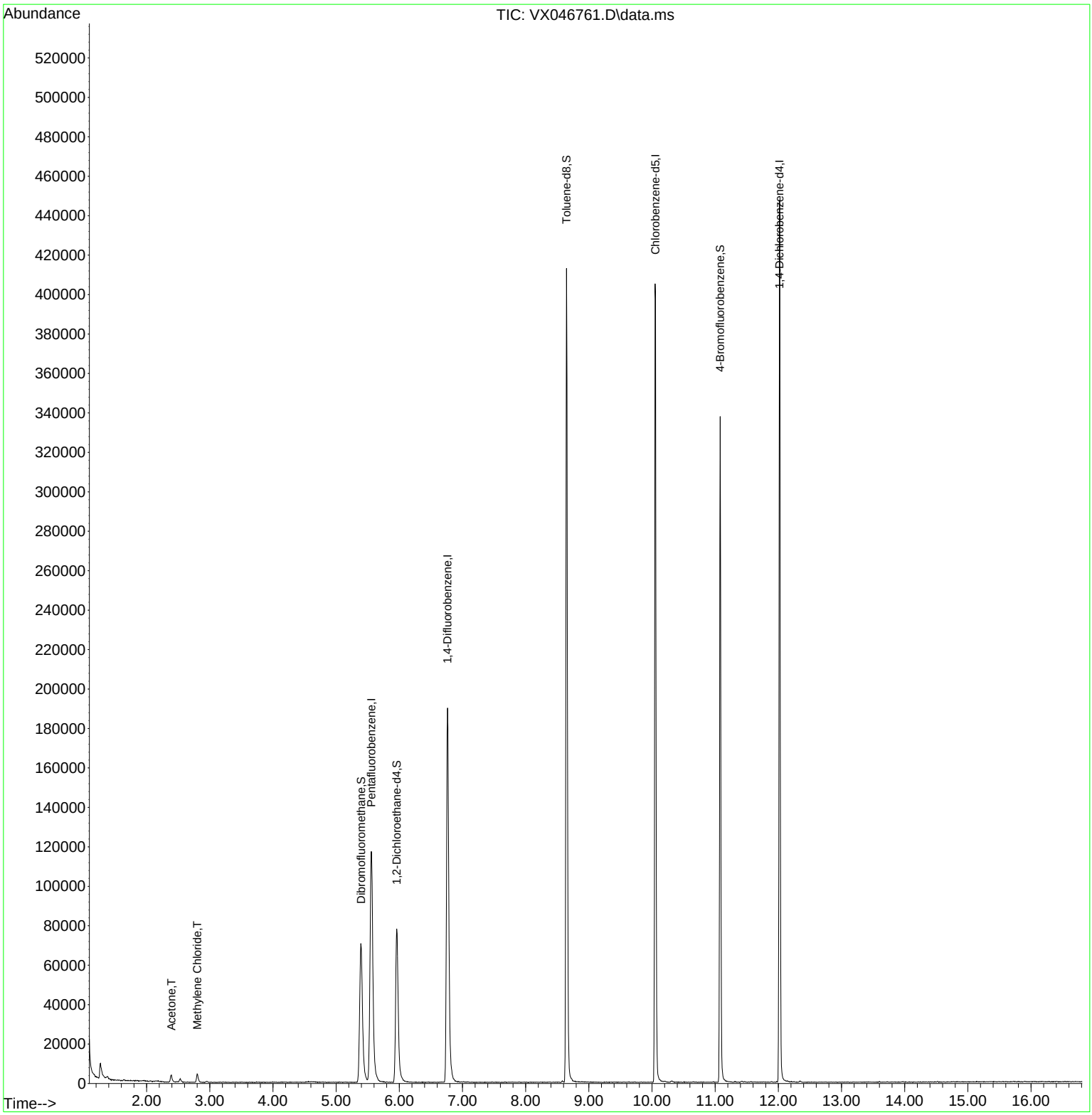
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	124608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82438	47.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.660%			
35) Dibromofluoromethane	5.397	113	69253	50.045	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.080%			
50) Toluene-d8	8.647	98	247834	49.849	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.700%			
62) 4-Bromofluorobenzene	11.079	95	92518	49.921	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.840%			
Target Compounds						Qvalue
16) Acetone	2.392	43	5018	8.731	ug/l	100
20) Methylene Chloride	2.800	84	2259	1.413	ug/l	90

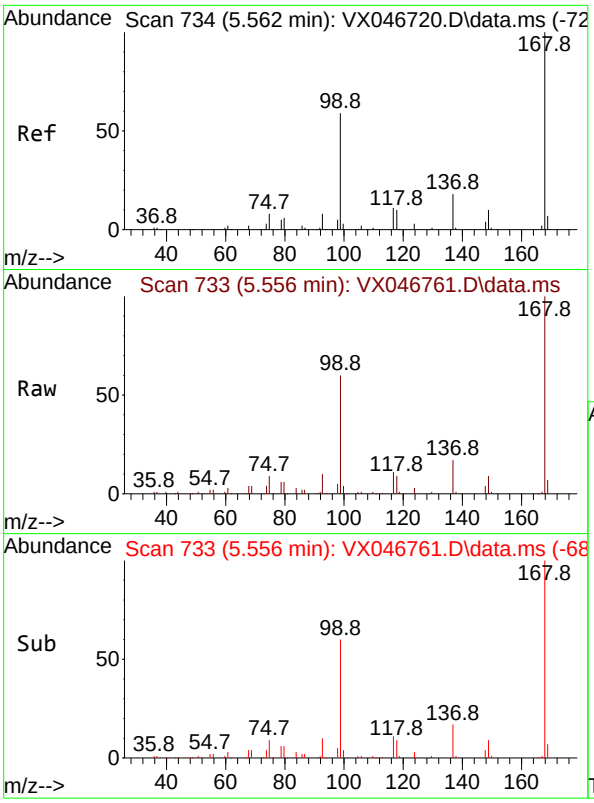
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046761.D
Acq On : 19 Jun 2025 11:03
Operator : JC/MD
Sample : Q2345-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

Quant Time: Jun 20 05:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



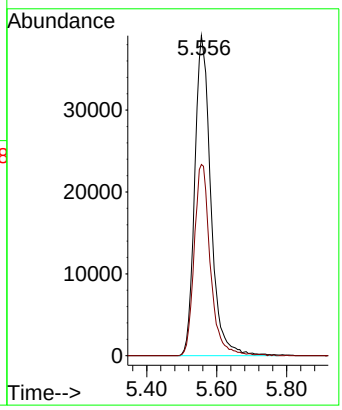


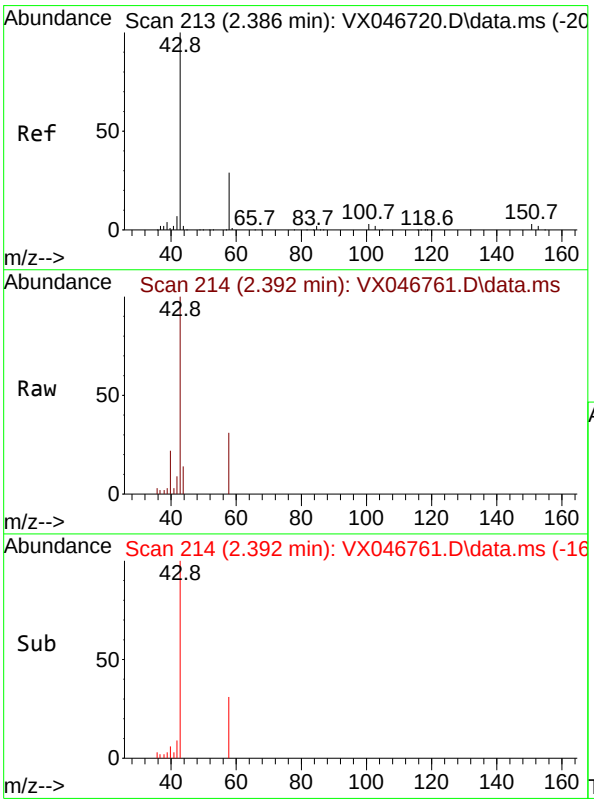
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

Tgt Ion:168 Resp: 124608

Ion	Ratio	Lower	Upper
168	100		
99	59.8	48.5	72.7

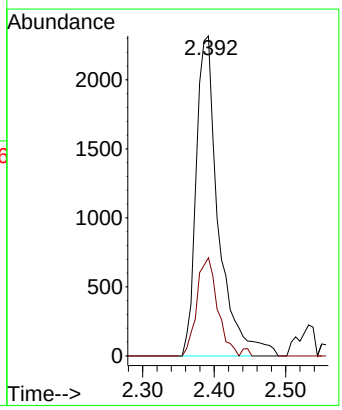


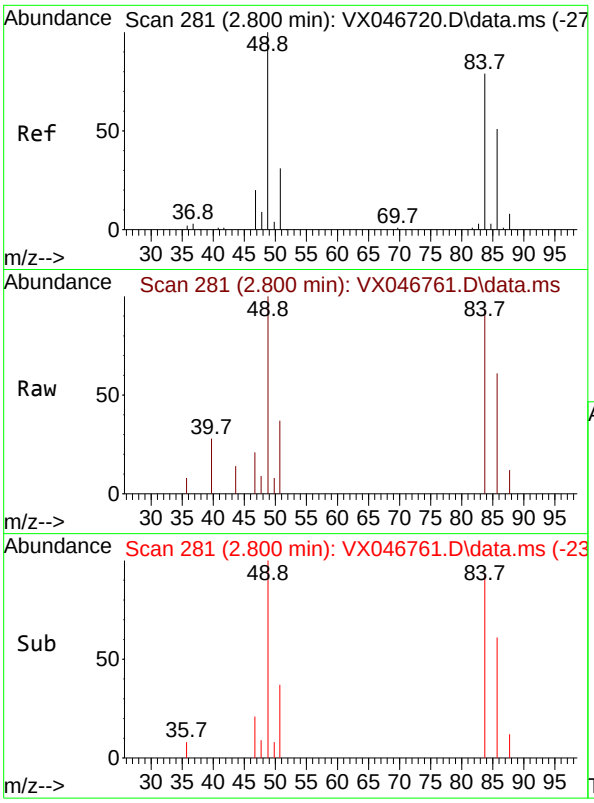


#16
Acetone
Concen: 8.731 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Tgt Ion: 43 Resp: 5018

Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.5	36.7



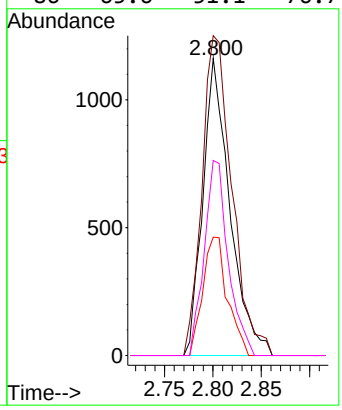


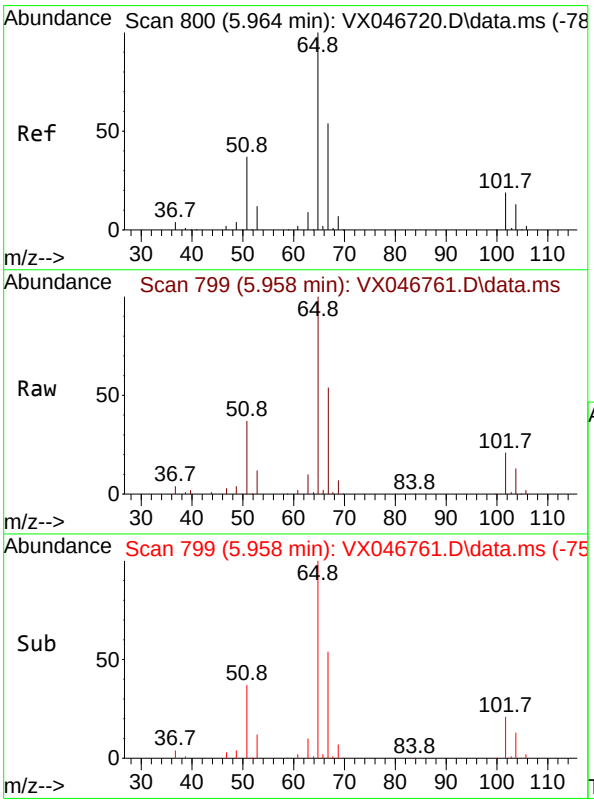
#20
Methylene Chloride
Concen: 1.413 ug/l
RT: 2.800 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

Tgt Ion: 84 Resp: 2259

Ion	Ratio	Lower	Upper
84	100		
49	107.6	101.3	151.9
51	39.8	31.0	46.6
86	65.6	51.1	76.7

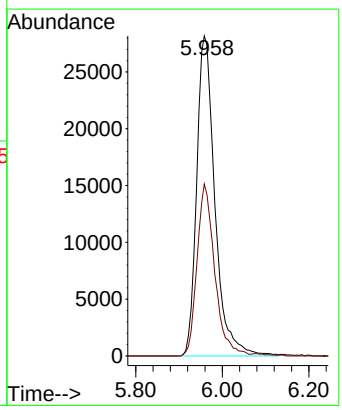


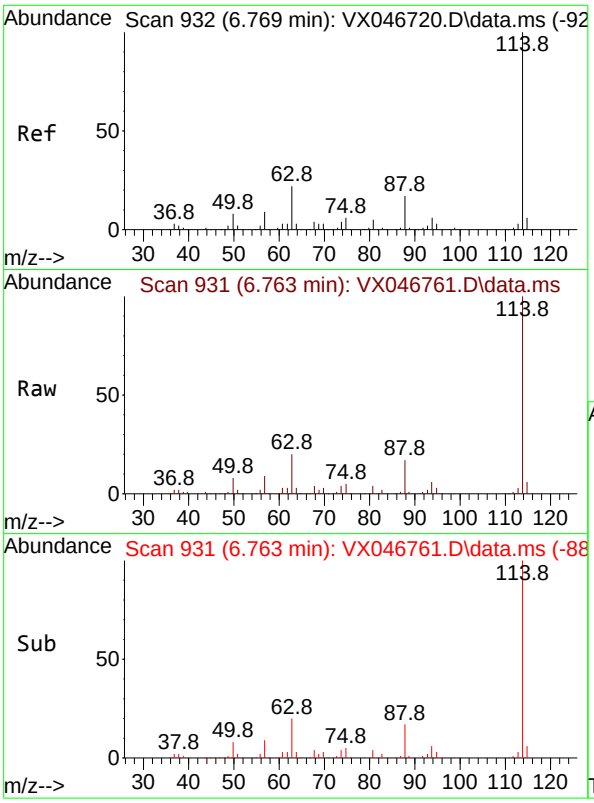


#33
1,2-Dichloroethane-d4
Concen: 47.830 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Tgt Ion: 65 Resp: 82438

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.4



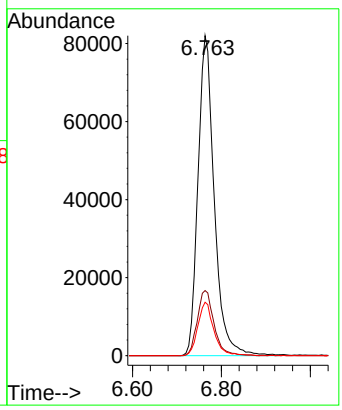


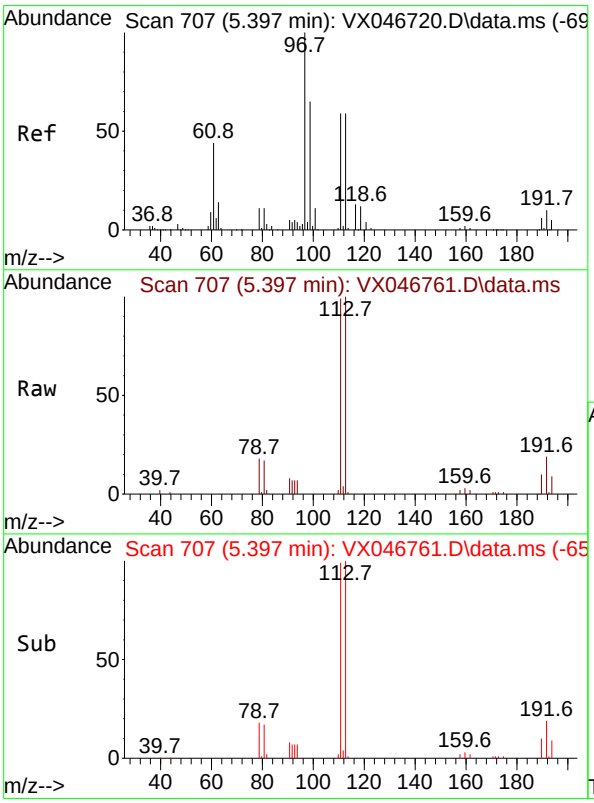
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

Tgt Ion:114 Resp: 209152

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	44.2
88	16.7	0.0	33.2

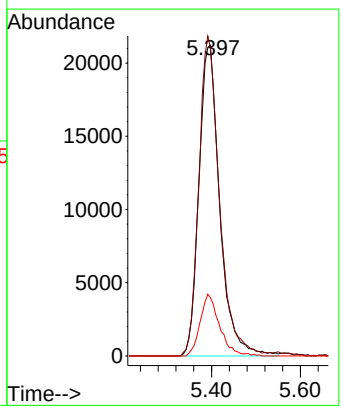


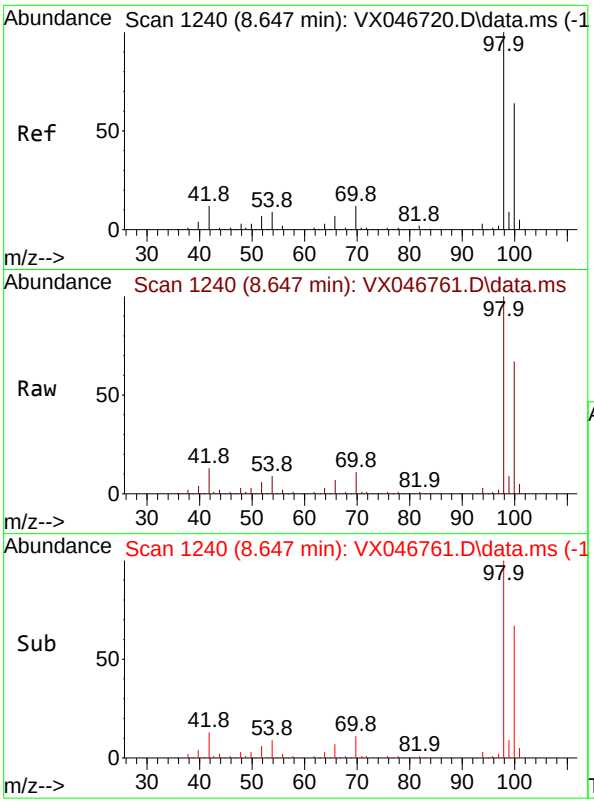


#35
Dibromofluoromethane
Concen: 50.045 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Tgt Ion:113 Resp: 69253

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	18.6	15.3	22.9



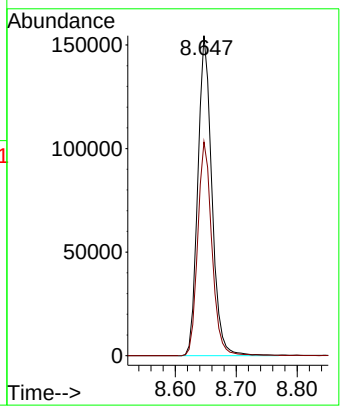


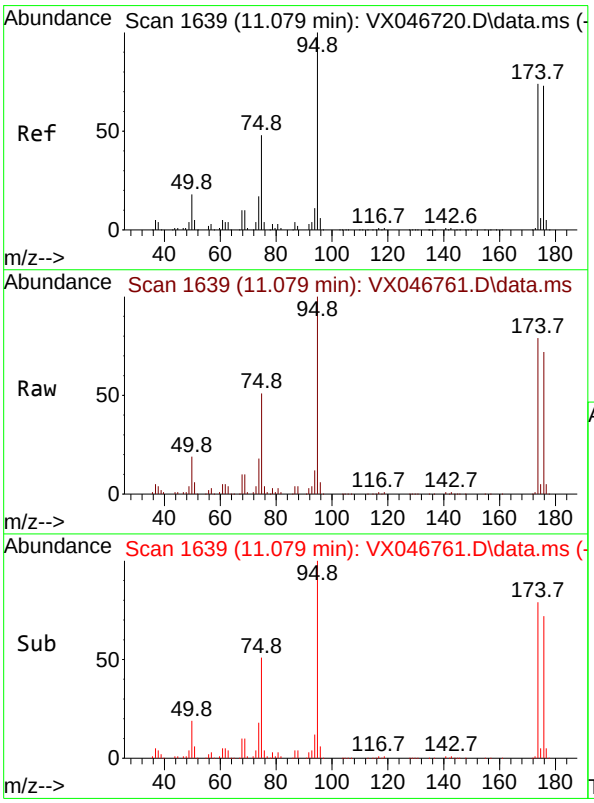
#50
Toluene-d8
Concen: 49.849 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

Tgt Ion: 98 Resp: 247834

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.0	79.4

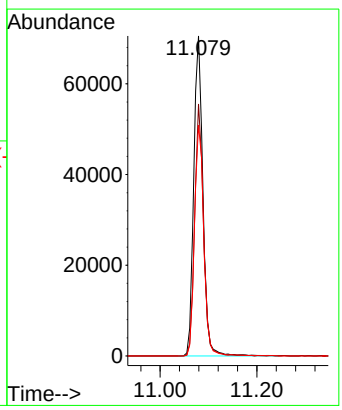


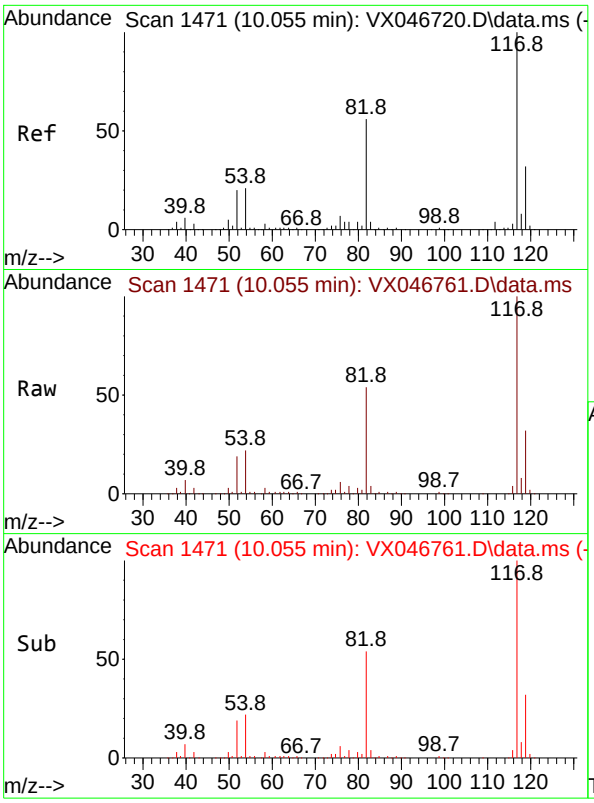


#62
4-Bromofluorobenzene
Concen: 49.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Tgt Ion: 95 Resp: 92518

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	150.4
176	73.2	0.0	145.0



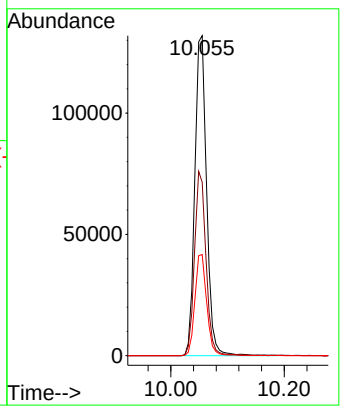


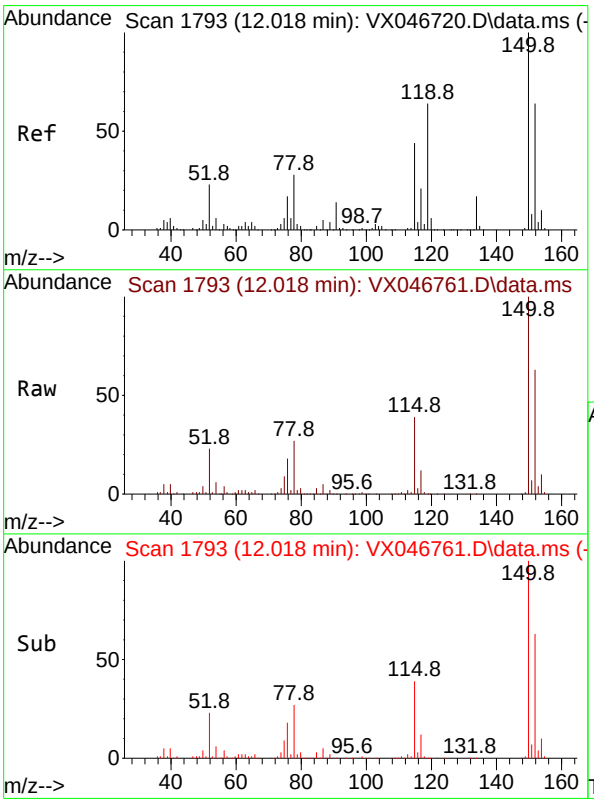
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

Tgt Ion:117 Resp: 190032

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.6	66.8
119	31.6	25.8	38.8

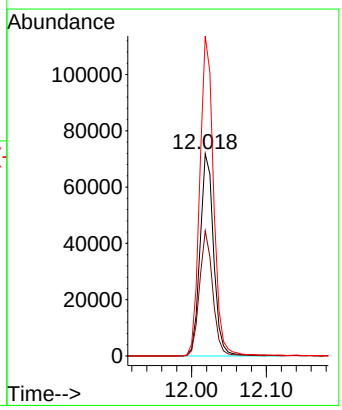




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Tgt Ion:152 Resp: 90738

Ion	Ratio	Lower	Upper
152	100		
115	60.5	43.2	129.6
150	160.4	0.0	346.8



Raw Data: **VX046734.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	TB03-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046734.D	1		06/18/25 12:12	VX061825

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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	TB03-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046734.D	1		06/18/25 12:12	VX061825

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	46.7		81 - 118		93%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	50.0		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		85 - 114		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	131000	5.568				
540-36-3	1,4-Difluorobenzene	214000	6.769				
3114-55-4	Chlorobenzene-d5	190000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	88400	12.018				

Raw Data: **VX046734.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	TB03-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046734.D	1		06/18/25 12:12	VX061825

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: **VX046734.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046734.D
Acq On : 18 Jun 2025 12:12
Operator : JC/MD
Sample : Q2345-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

Quant Time: Jun 19 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

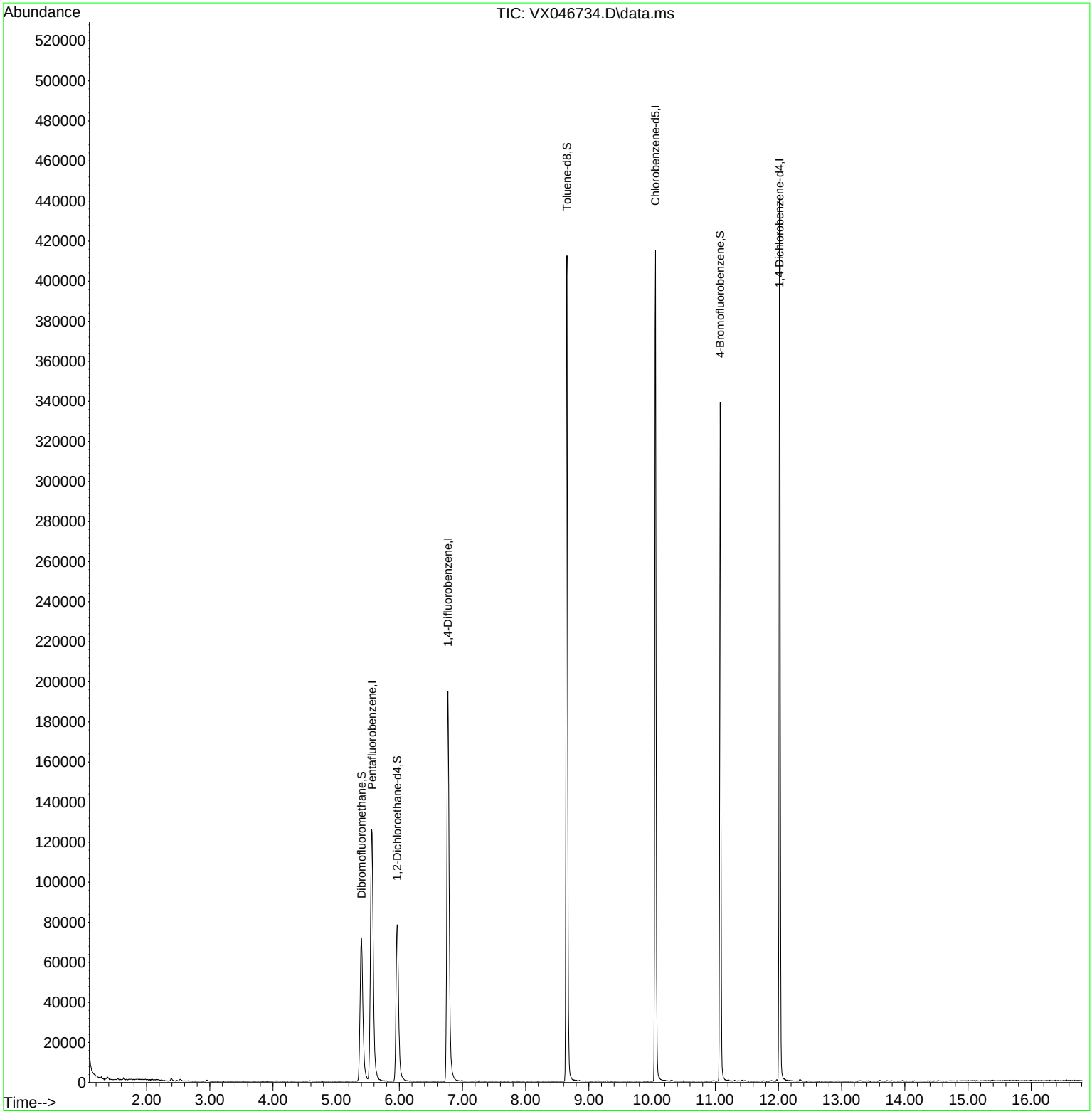
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	131404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	213527	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84843	46.680	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.360%			
35) Dibromofluoromethane	5.404	113	69329	49.073	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.140%			
50) Toluene-d8	8.653	98	253743	49.991	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.980%			
62) 4-Bromofluorobenzene	11.079	95	92685	48.986	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.980%			
Target Compounds						Qvalue

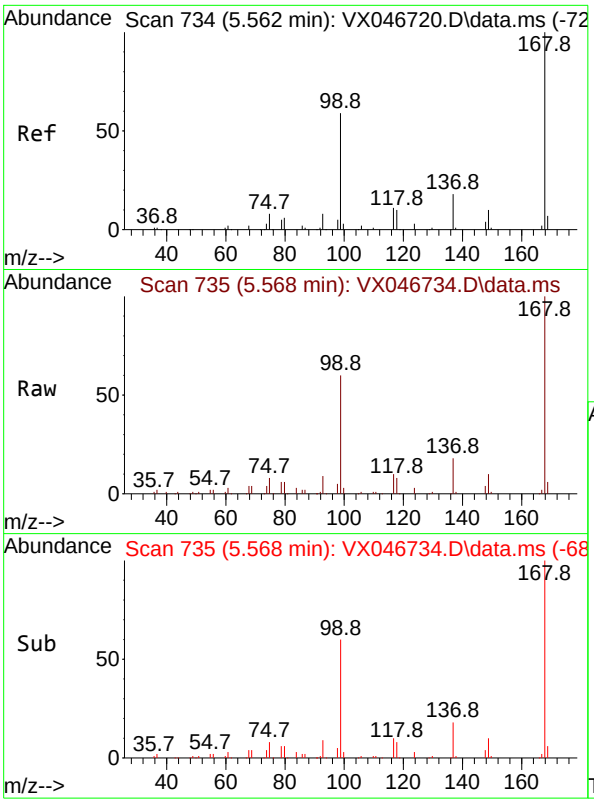
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046734.D
Acq On : 18 Jun 2025 12:12
Operator : JC/MD
Sample : Q2345-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

Quant Time: Jun 19 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



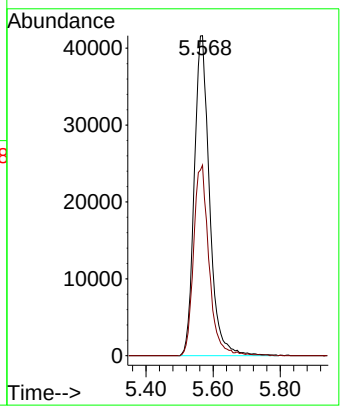


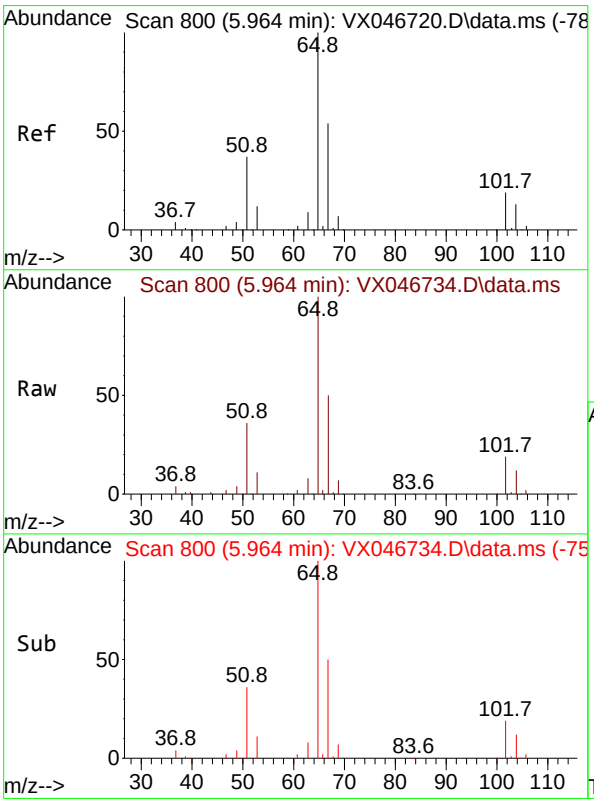
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

Tgt Ion:168 Resp: 131404

Ion	Ratio	Lower	Upper
168	100		
99	59.6	48.5	72.7

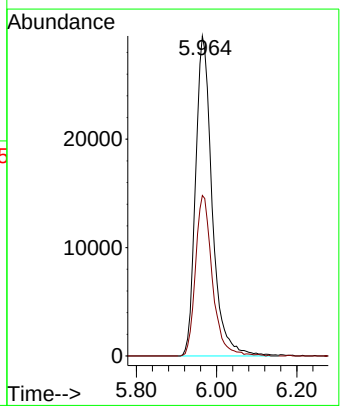


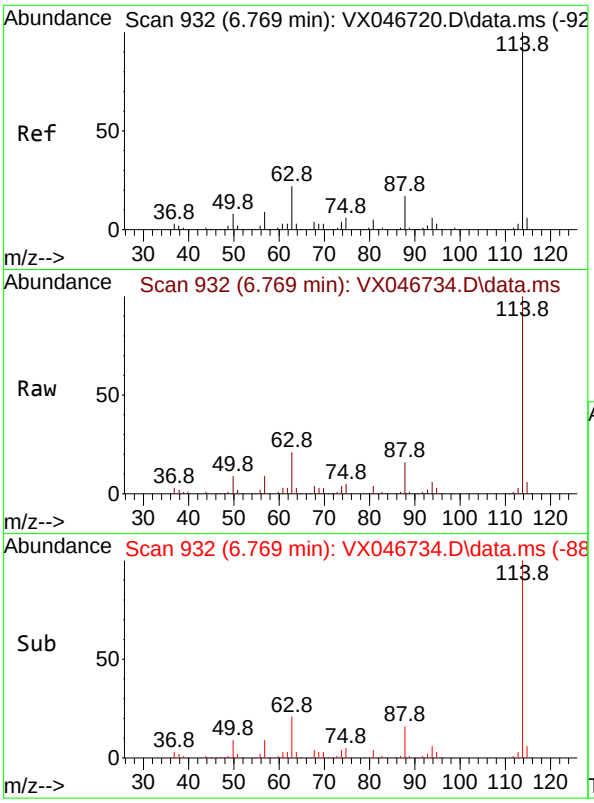


#33
1,2-Dichloroethane-d4
Concen: 46.680 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion: 65 Resp: 84843

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.4



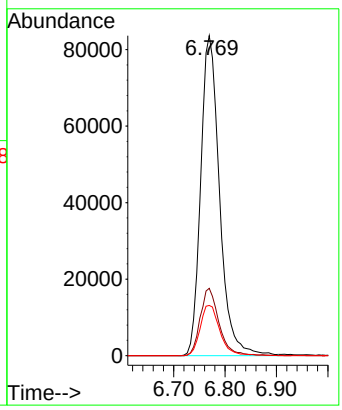


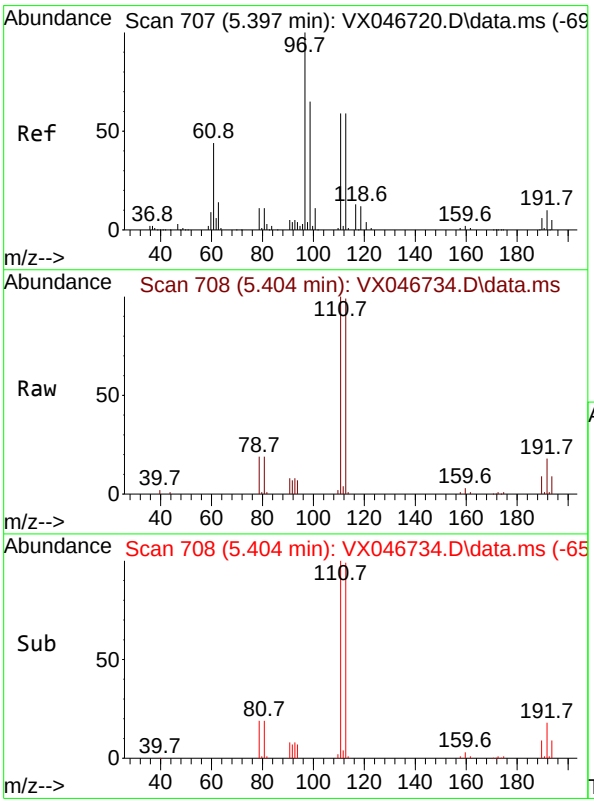
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

Tgt Ion:114 Resp: 213527

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	44.2
88	15.7	0.0	33.2

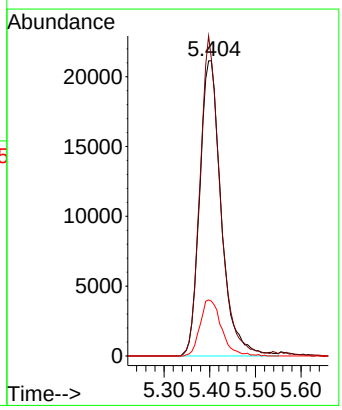


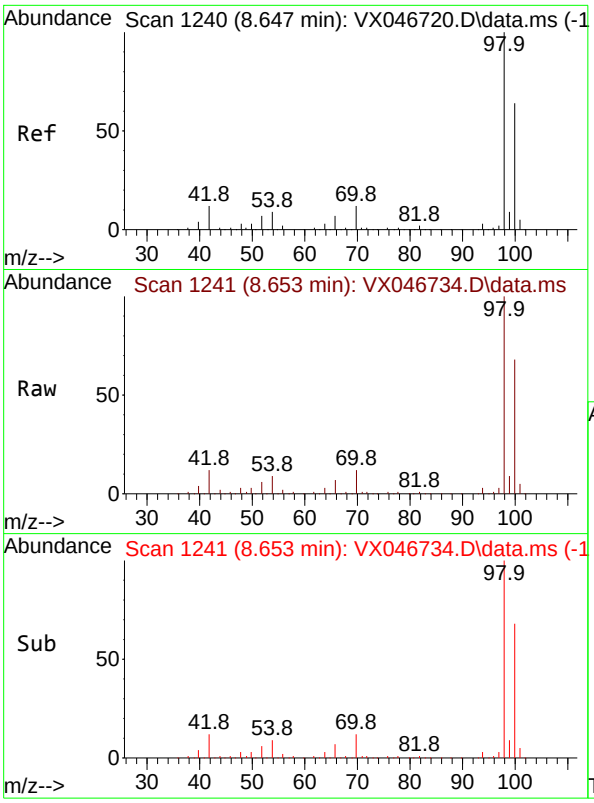


#35
Dibromofluoromethane
Concen: 49.073 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion:113 Resp: 69329

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	18.9	15.3	22.9



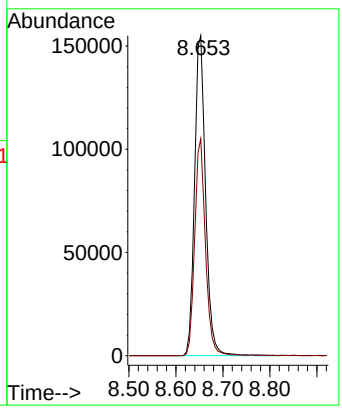


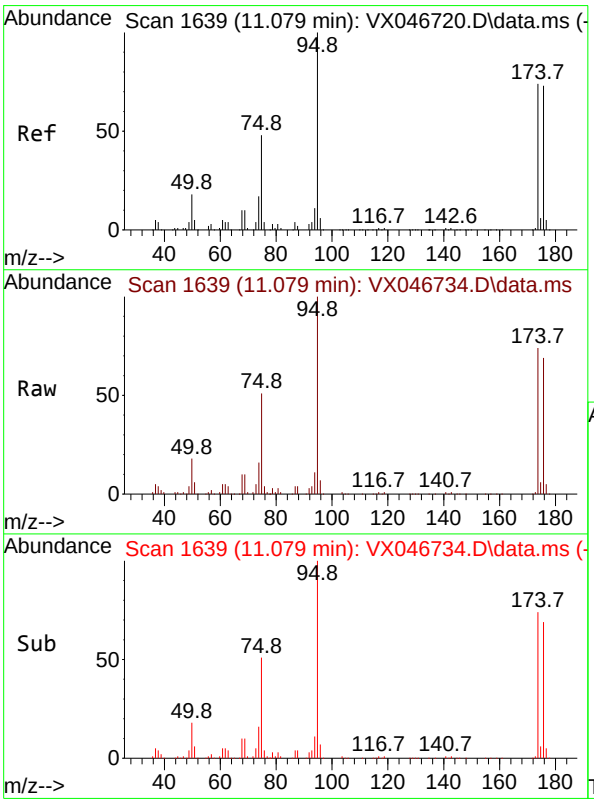
#50
Toluene-d8
Concen: 49.991 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

Tgt Ion: 98 Resp: 253743

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

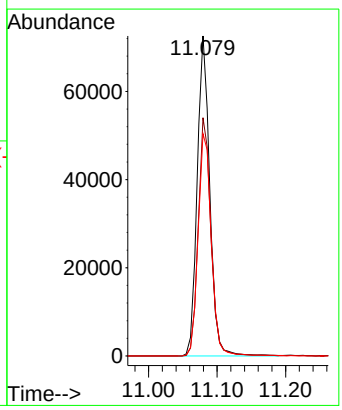


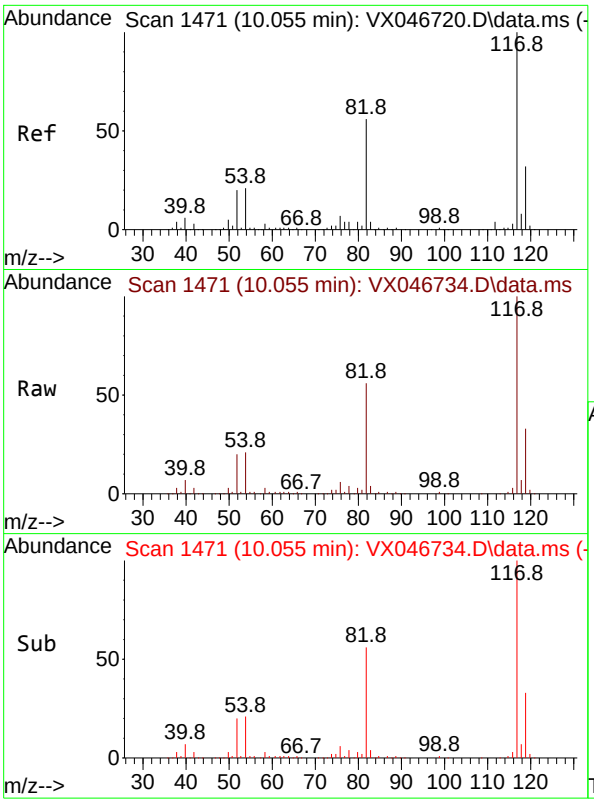


#62
4-Bromofluorobenzene
Concen: 48.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion: 95 Resp: 92685

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	150.4
176	73.1	0.0	145.0



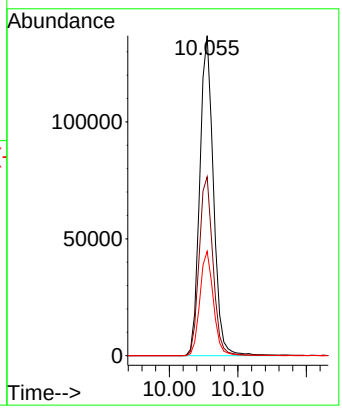


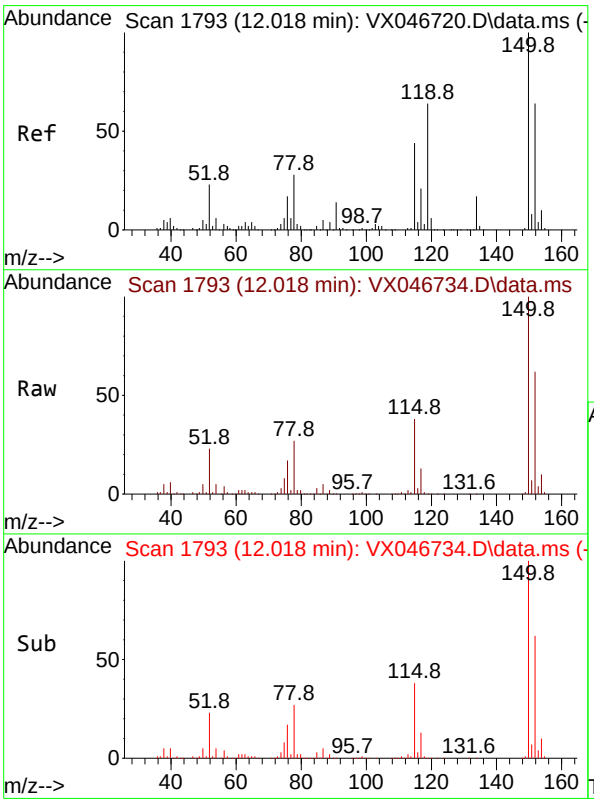
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

Tgt Ion:117 Resp: 190496

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.6	66.8
119	32.6	25.8	38.8

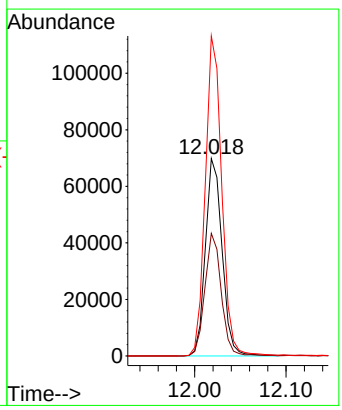




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion:152 Resp: 88415

Ion	Ratio	Lower	Upper
152	100		
115	61.0	43.2	129.6
150	159.7	0.0	346.8



Raw Data: **VX046735.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-1-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046735.D	1		06/18/25 12:33	VX061825

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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-1-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046735.D	1		06/18/25 12:33	VX061825

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	44.8		81 - 118		90%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.3		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		85 - 114		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	208000	5.562				
540-36-3	1,4-Difluorobenzene	334000	6.769				
3114-55-4	Chlorobenzene-d5	293000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	140000	12.018				

Raw Data: **VX046735.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-1-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046735.D	1		06/18/25 12:33	VX061825

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: **VX046735.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046735.D
Acq On : 18 Jun 2025 12:33
Operator : JC/MD
Sample : Q2345-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250616

Quant Time: Jun 19 01:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

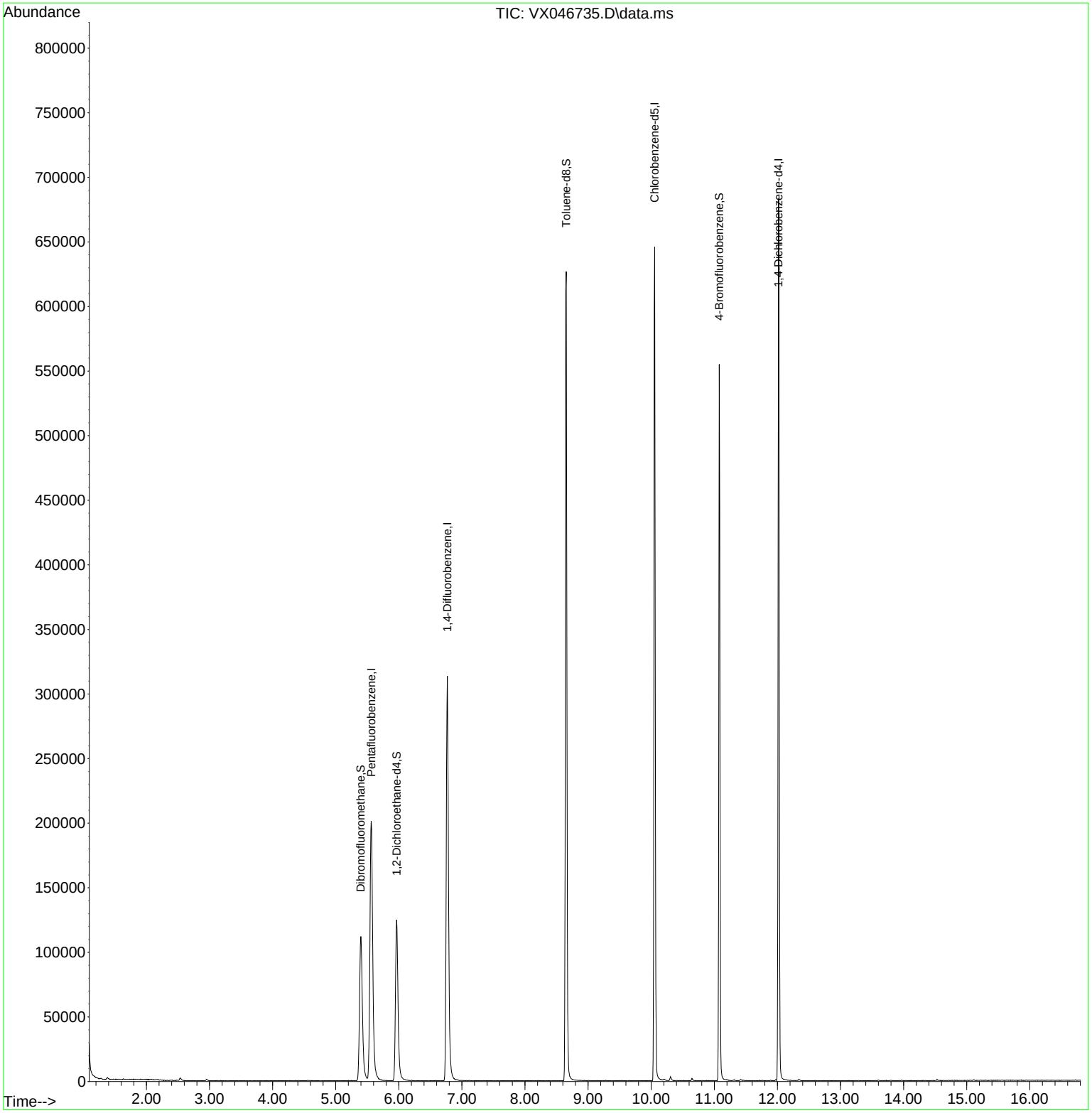
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	208218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	333734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	140376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129001	44.792	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 89.580%			
35) Dibromofluoromethane	5.397	113	107944	48.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.780%			
50) Toluene-d8	8.653	98	391165	49.308	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.620%			
62) 4-Bromofluorobenzene	11.079	95	143655	48.578	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.160%			
Target Compounds						Qvalue

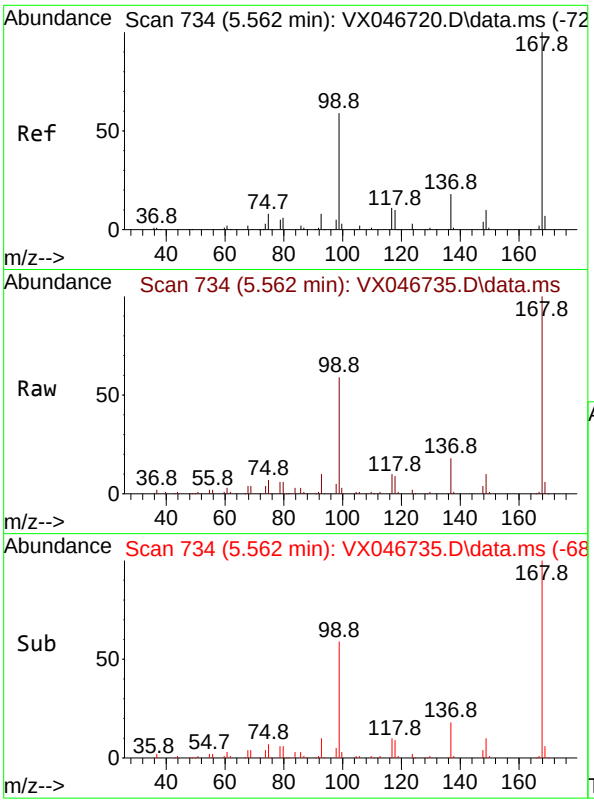
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046735.D
Acq On : 18 Jun 2025 12:33
Operator : JC/MD
Sample : Q2345-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250616

Quant Time: Jun 19 01:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



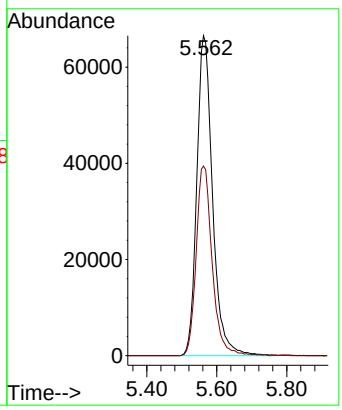


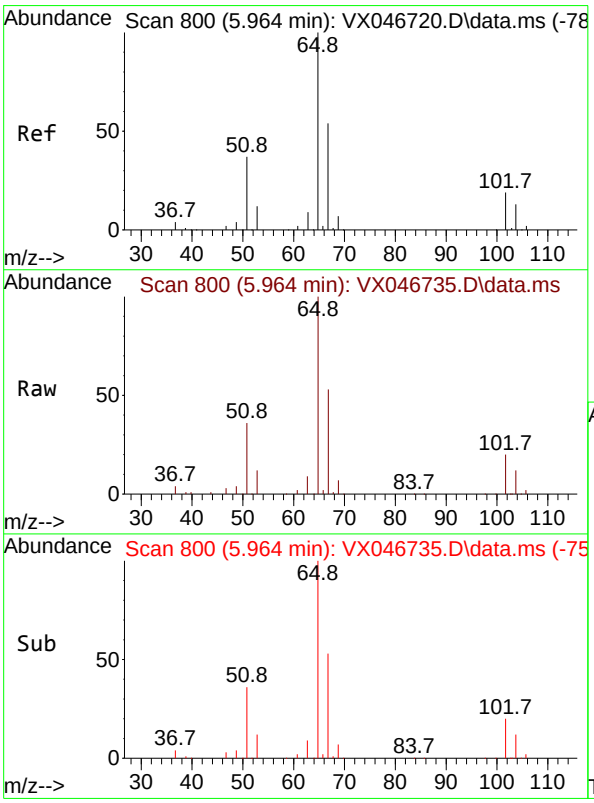
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250616

Tgt Ion:168 Resp: 208218

Ion	Ratio	Lower	Upper
168	100		
99	59.2	48.5	72.7

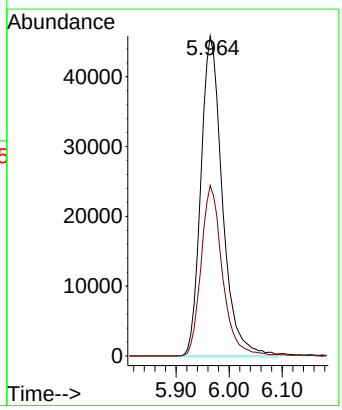


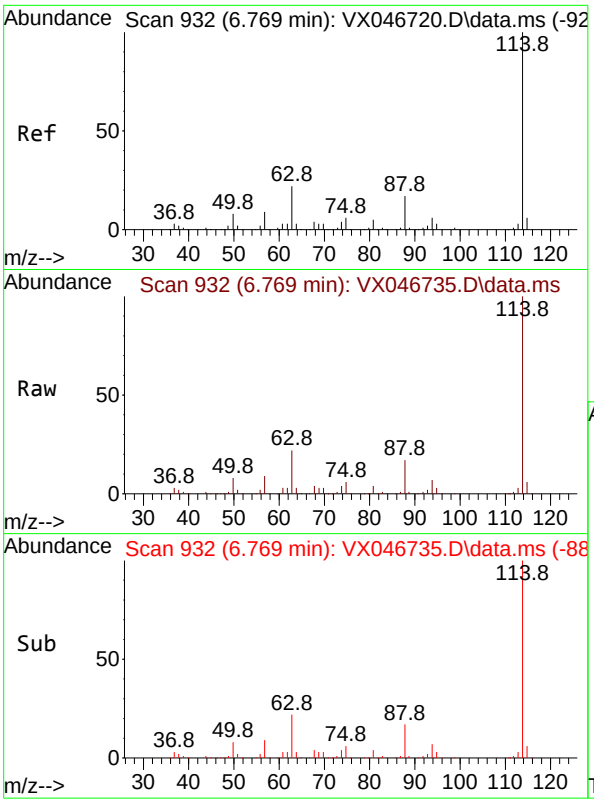


#33
1,2-Dichloroethane-d4
Concen: 44.792 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Tgt Ion: 65 Resp: 129001

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4



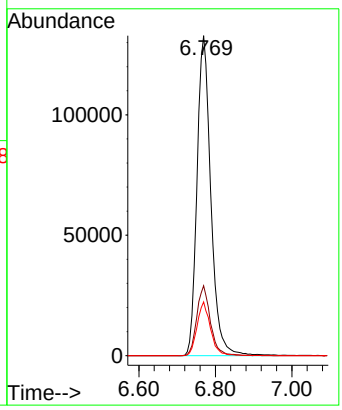


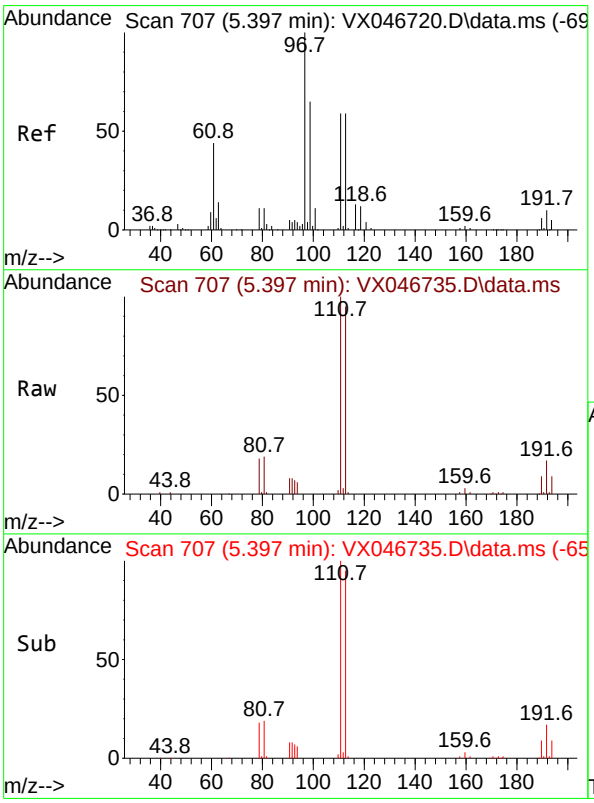
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250616

Tgt Ion:114 Resp: 333734

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.2
88	16.8	0.0	33.2

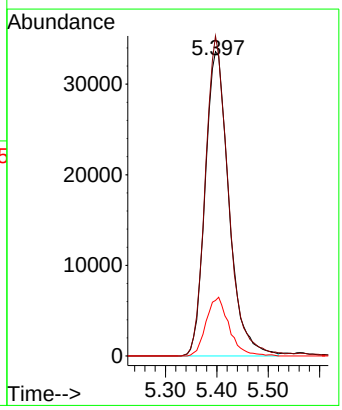


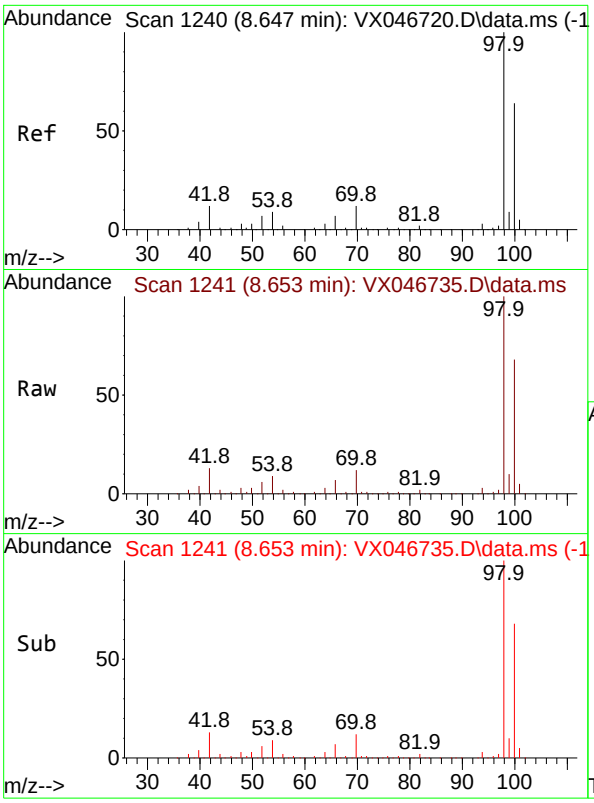


#35
Dibromofluoromethane
Concen: 48.886 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Tgt Ion:113 Resp: 107944

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	18.7	15.3	22.9



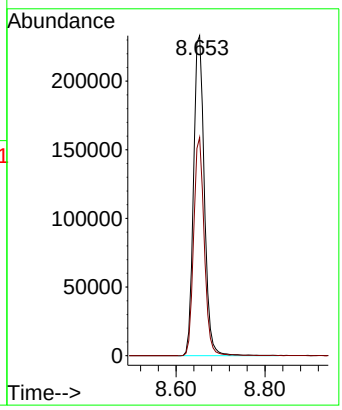


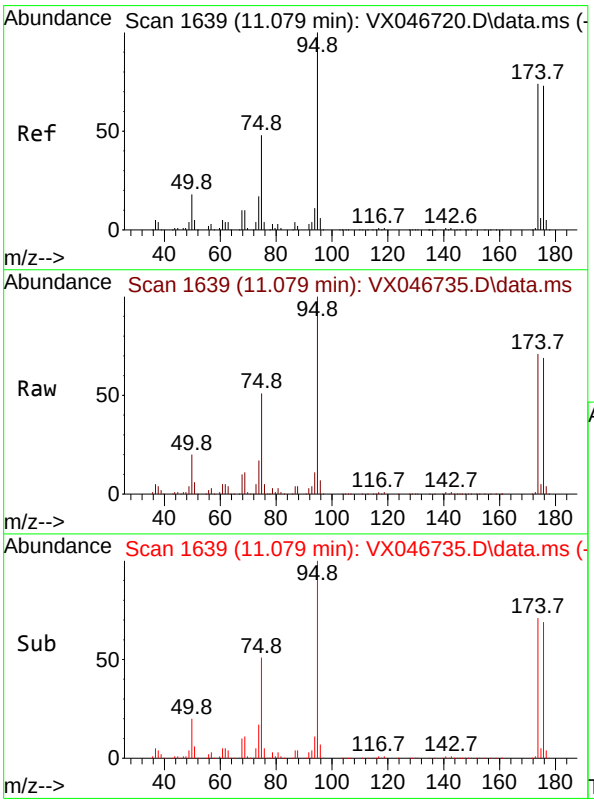
#50
Toluene-d8
Concen: 49.308 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250616

Tgt Ion: 98 Resp: 391165

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4

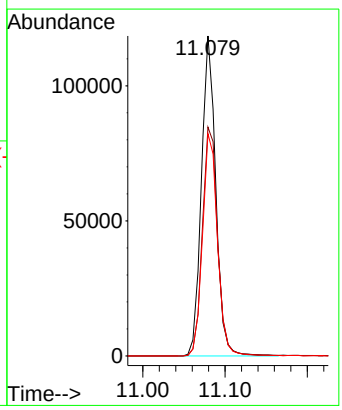


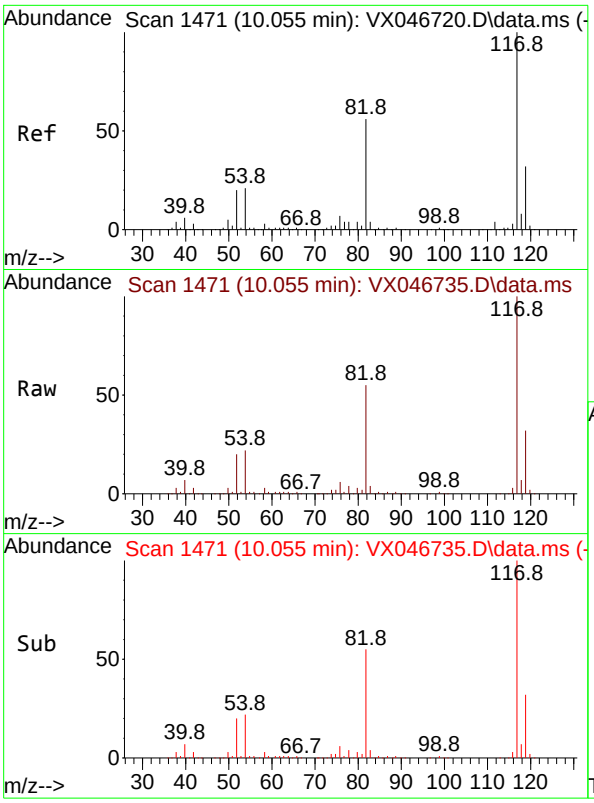


#62
4-Bromofluorobenzene
Concen: 48.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Tgt Ion: 95 Resp: 143655

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	150.4
176	72.6	0.0	145.0



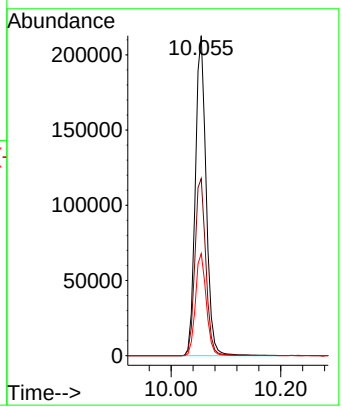


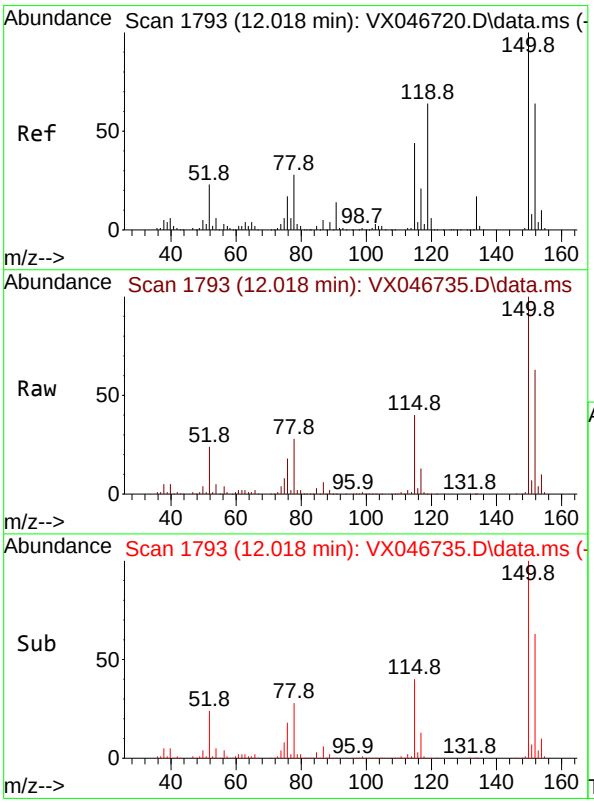
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-1-20250616

Tgt Ion:117 Resp: 292626

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.6	66.8
119	31.9	25.8	38.8

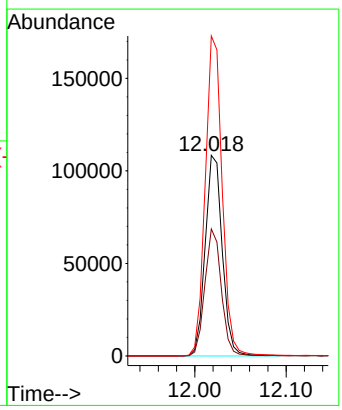




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046735.D
Acq: 18 Jun 2025 12:33

Tgt Ion:152 Resp: 140376

Ion	Ratio	Lower	Upper
152	100		
115	61.3	43.2	129.6
150	158.4	0.0	346.8



Raw Data: **VX046736.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-2-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046736.D	1		06/18/25 12:54	VX061825

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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-2-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046736.D	1		06/18/25 12:54	VX061825

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	0.38	J	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	47.7		81 - 118		95%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	49.9		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2		85 - 114		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	134000	5.562				
540-36-3	1,4-Difluorobenzene	218000	6.769				
3114-55-4	Chlorobenzene-d5	195000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	93200	12.018				

Raw Data: **VX046736.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-2-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046736.D	1		06/18/25 12:54	VX061825

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
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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\VX061825\
Data File : VX046736.D
Acq On : 18 Jun 2025 12:54
Operator : JC/MD
Sample : Q2345-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

Quant Time: Jun 19 01:23:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

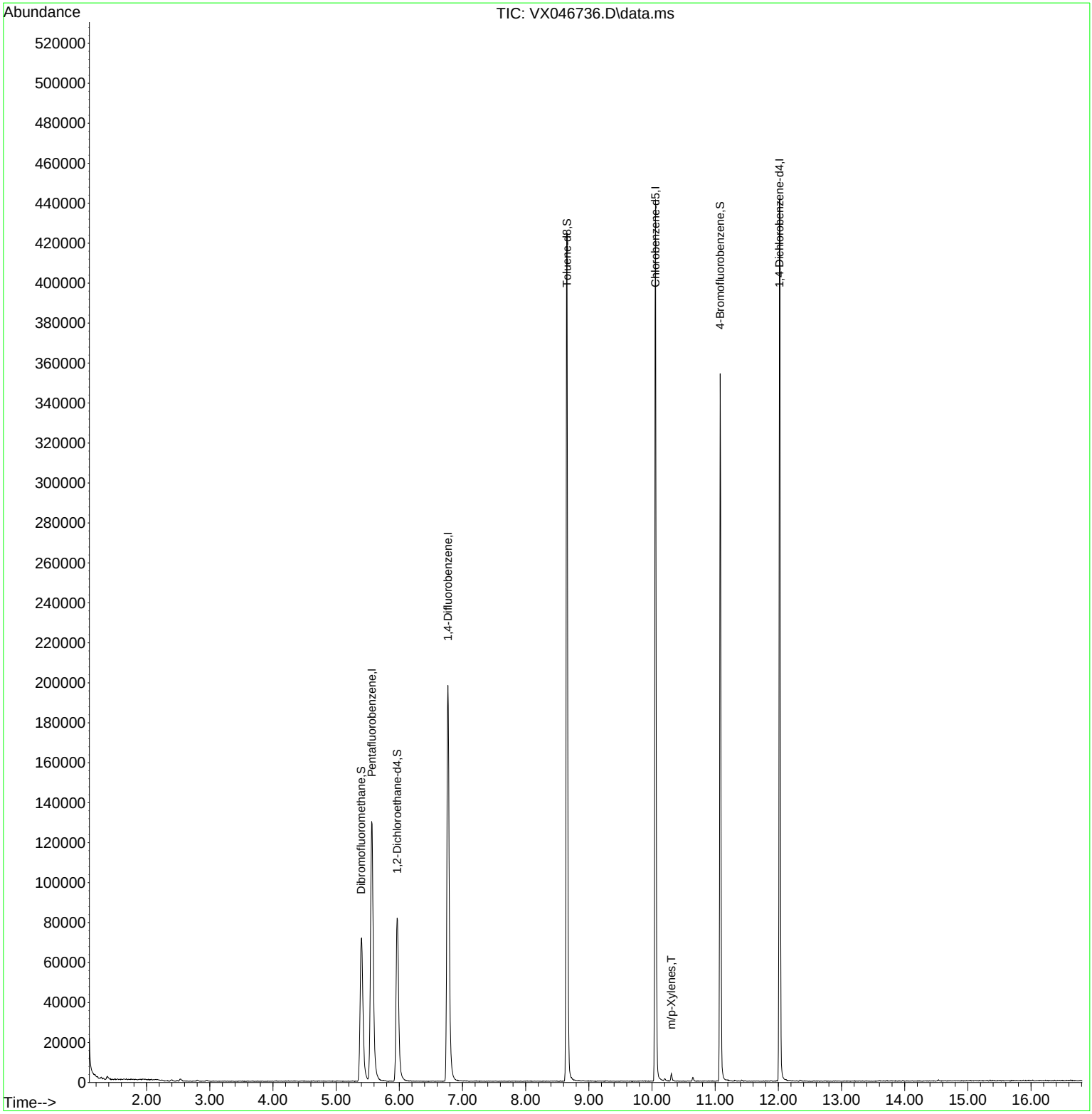
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	133570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218146	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	88131	47.703	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.400%		
35) Dibromofluoromethane	5.397	113	71103	49.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.520%		
50) Toluene-d8	8.653	98	258731	49.895	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.780%		
62) 4-Bromofluorobenzene	11.079	95	95051	49.173	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.340%		
Target Compounds						Qvalue
68) m/p-Xylenes	10.305	106	1060	0.379	ug/l	96

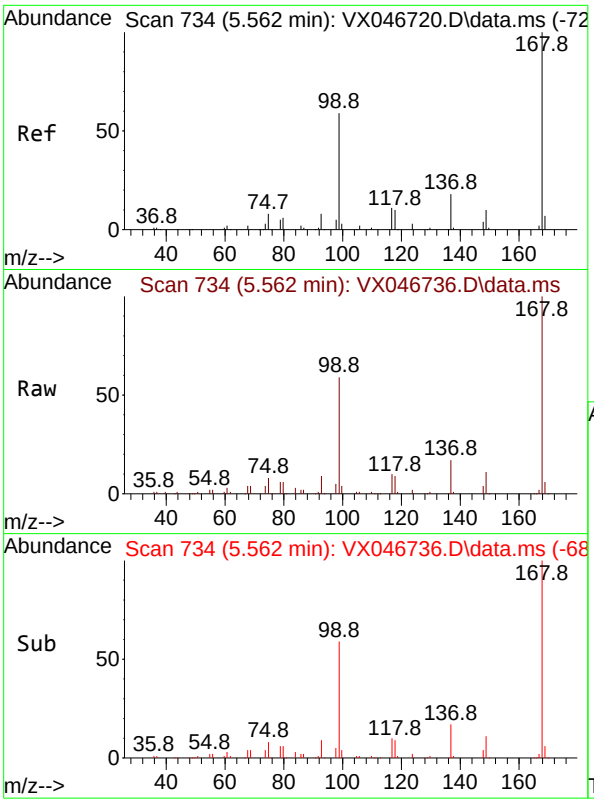
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046736.D
Acq On : 18 Jun 2025 12:54
Operator : JC/MD
Sample : Q2345-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

Quant Time: Jun 19 01:23:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



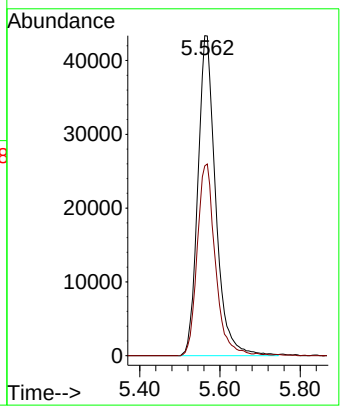


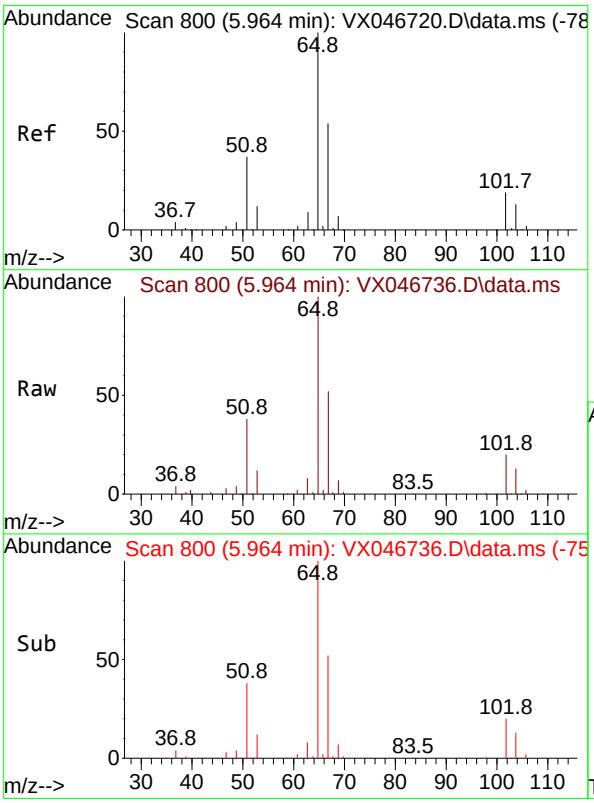
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

Tgt Ion:168 Resp: 133570

Ion	Ratio	Lower	Upper
168	100		
99	59.3	48.5	72.7

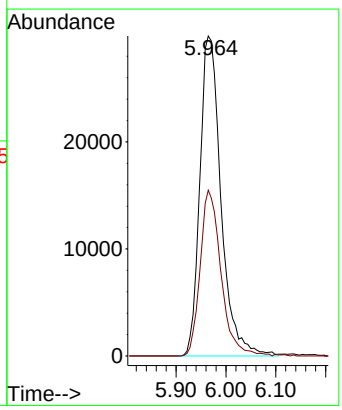


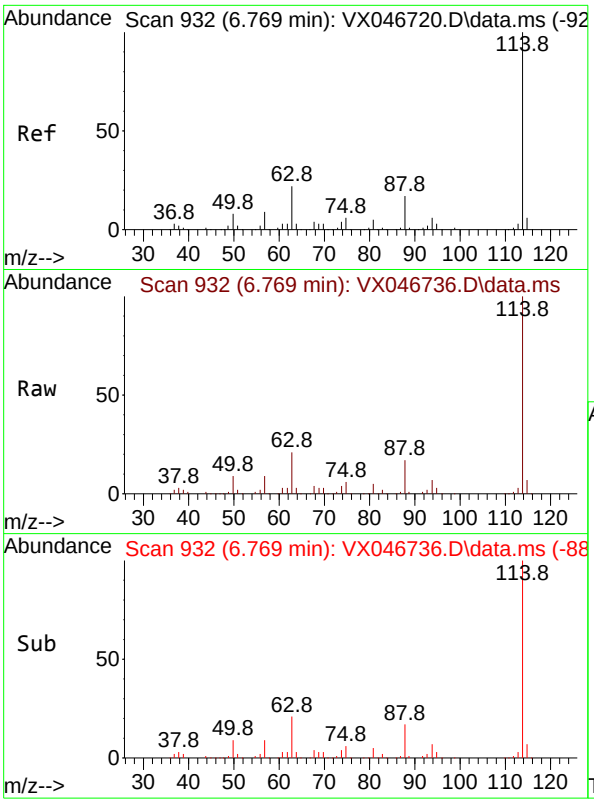


#33
1,2-Dichloroethane-d4
Concen: 47.703 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion: 65 Resp: 88131

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	105.4



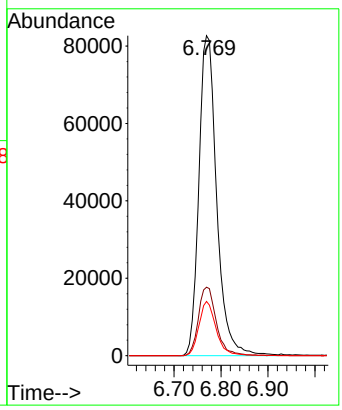


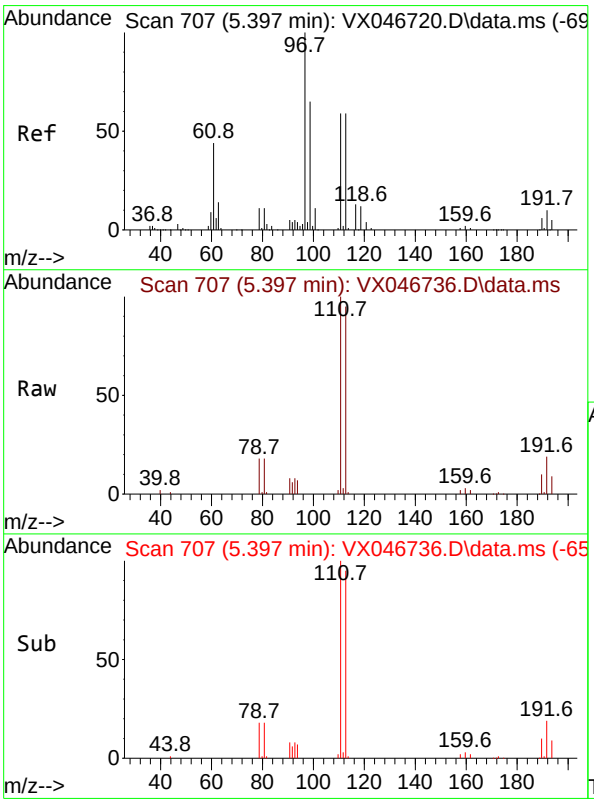
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

Tgt Ion:114 Resp: 218146

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.2
88	16.9	0.0	33.2

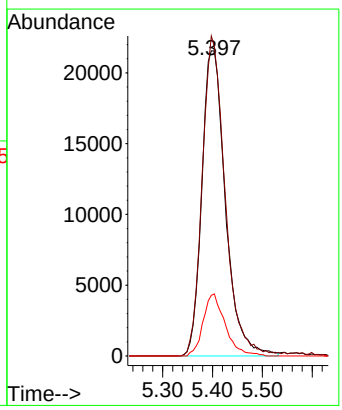


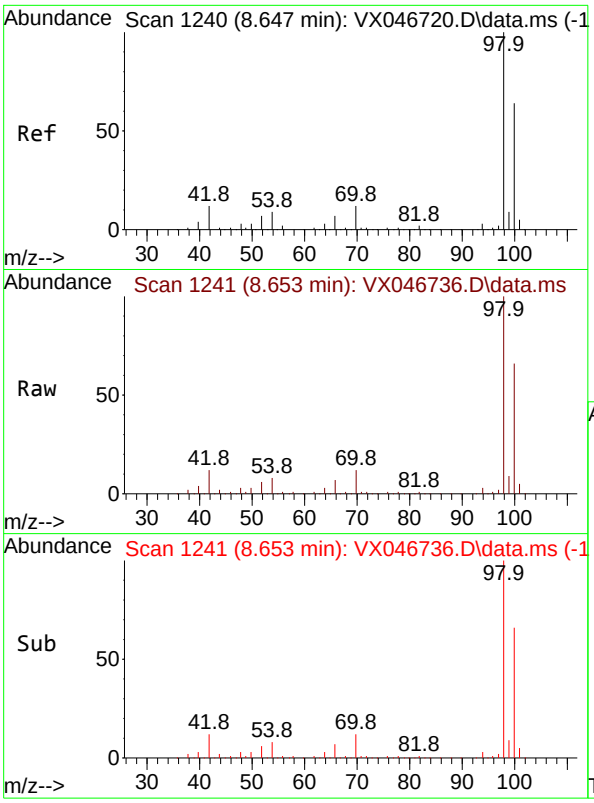


#35
Dibromofluoromethane
Concen: 49.263 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion:113 Resp: 71103

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	19.0	15.3	22.9



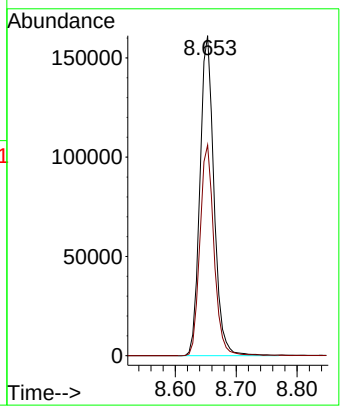


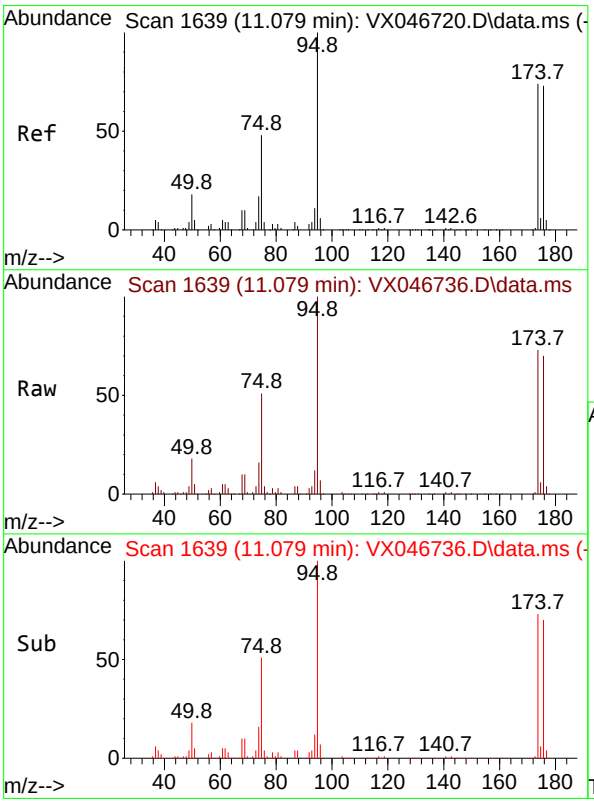
#50
Toluene-d8
Concen: 49.895 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

Tgt Ion: 98 Resp: 258731

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

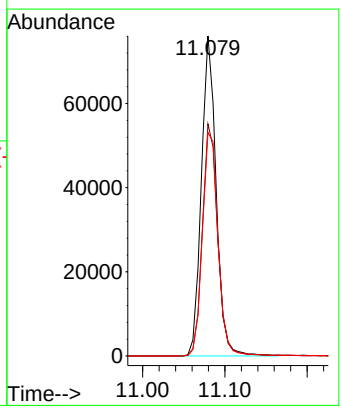


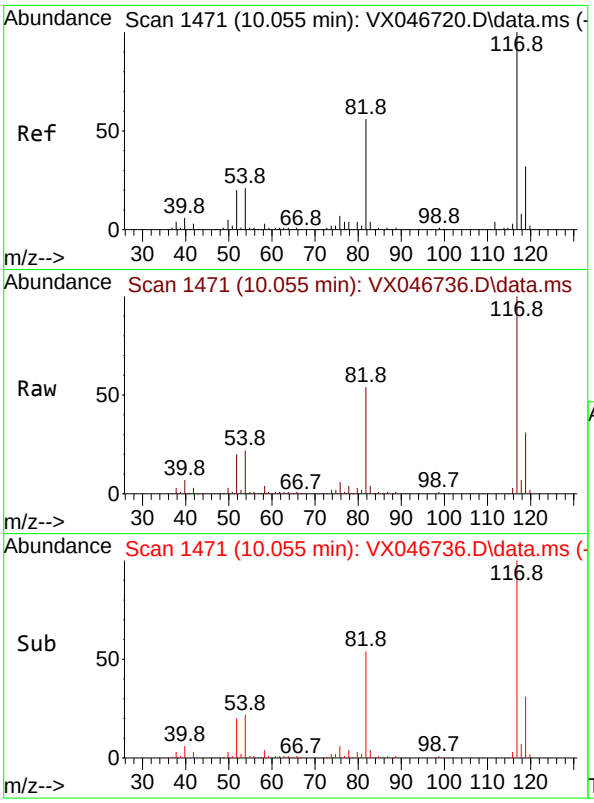


#62
4-Bromofluorobenzene
Concen: 49.173 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion: 95 Resp: 95051

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	150.4
176	73.9	0.0	145.0



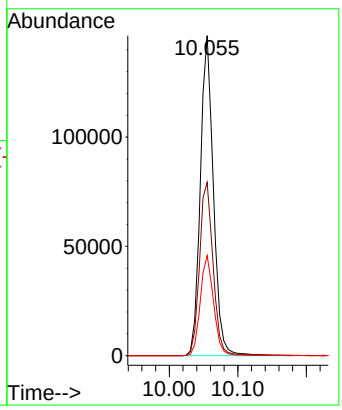


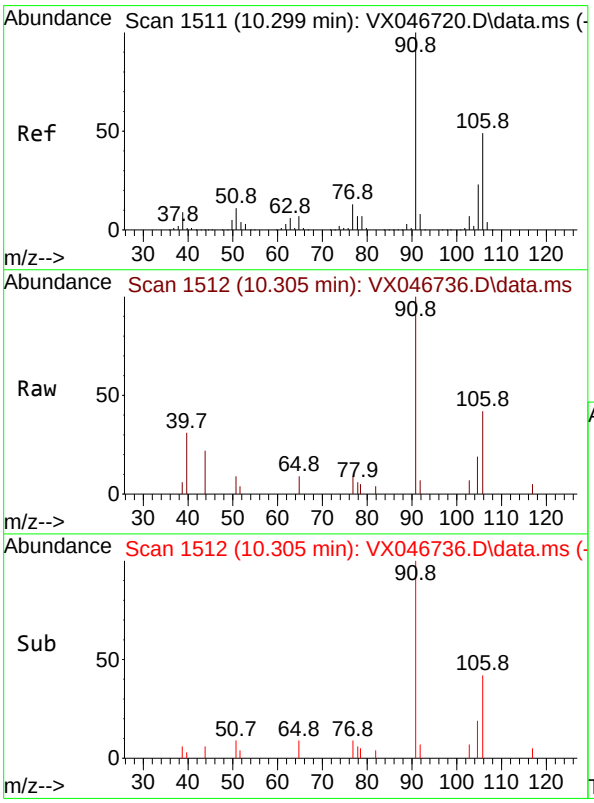
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

Tgt Ion:117 Resp: 194756

Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.6	66.8
119	31.3	25.8	38.8

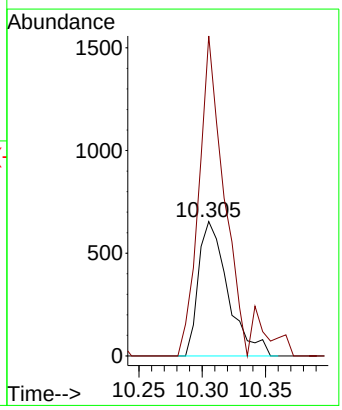


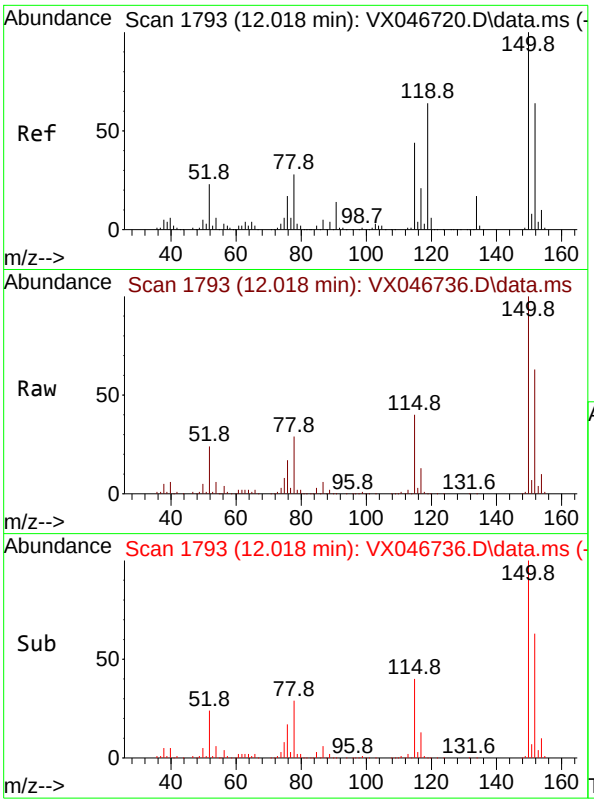


#68
m/p-Xylenes
Concen: 0.379 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion:106 Resp: 1060

Ion	Ratio	Lower	Upper
106	100		
91	200.4	164.8	247.2



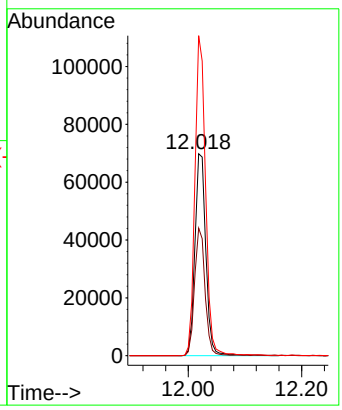


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

Tgt Ion:152 Resp: 93153

Ion	Ratio	Lower	Upper
152	100		
115	61.0	43.2	129.6
150	155.0	0.0	346.8



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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	DUP05-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-05	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046737.D	1		06/18/25 13:15	VX061825

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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	DUP05-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-05	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046737.D	1		06/18/25 13:15	VX061825

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	46.3		81 - 118		93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.4		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		85 - 114		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	202000	5.568				
540-36-3	1,4-Difluorobenzene	331000	6.769				
3114-55-4	Chlorobenzene-d5	287000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	138000	12.018				

Raw Data: **VX046737.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	DUP05-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-05	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046737.D	1		06/18/25 13:15	VX061825

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\VX061825\
Data File : VX046737.D
Acq On : 18 Jun 2025 13:15
Operator : JC/MD
Sample : Q2345-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250616

Quant Time: Jun 19 01:23:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

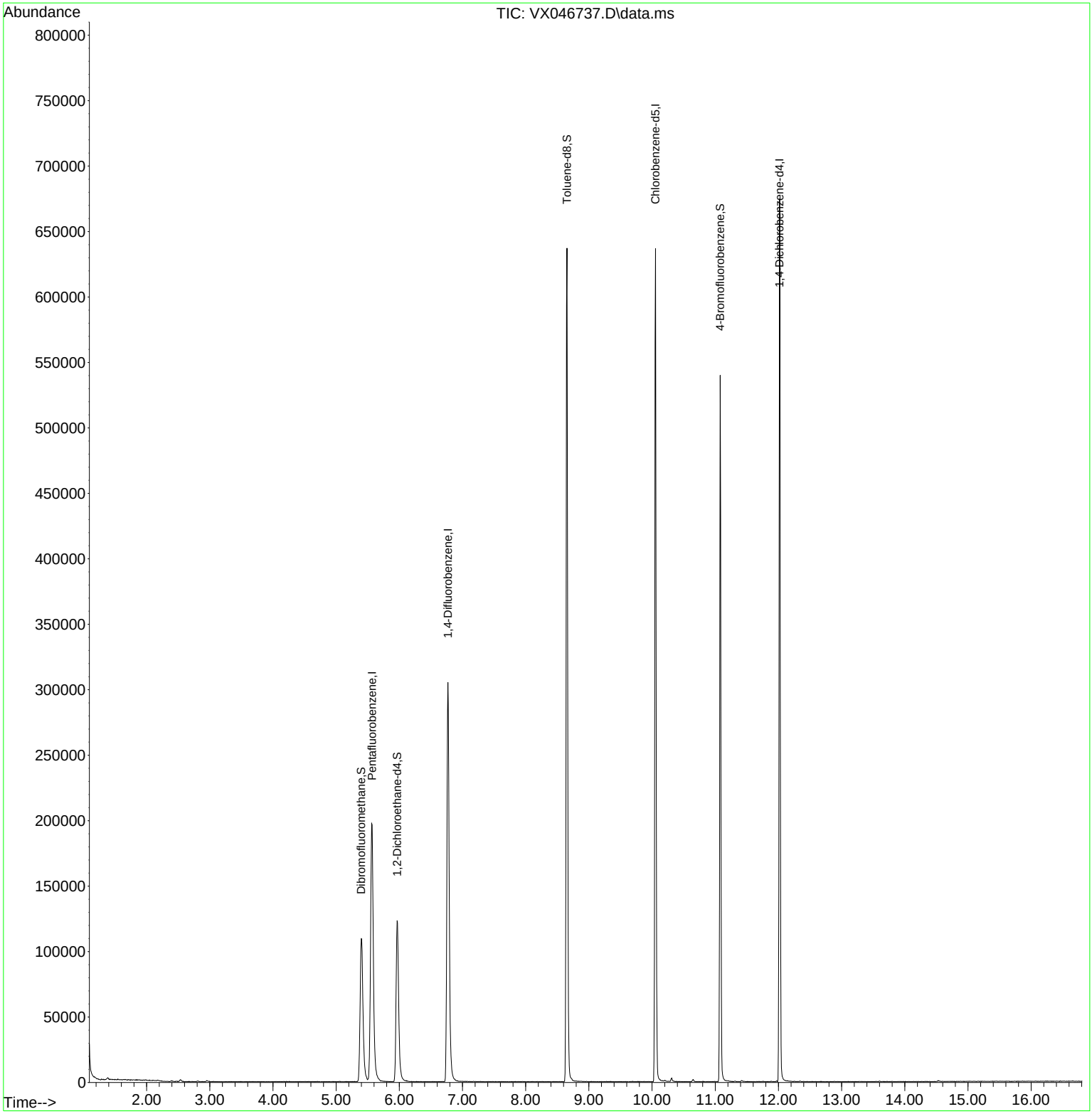
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	201684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	330858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	137822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129078	46.270	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.540%		
35) Dibromofluoromethane	5.397	113	106849	48.810	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.620%		
50) Toluene-d8	8.653	98	388674	49.419	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.840%		
62) 4-Bromofluorobenzene	11.079	95	141124	48.137	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.280%		
Target Compounds						Qvalue

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

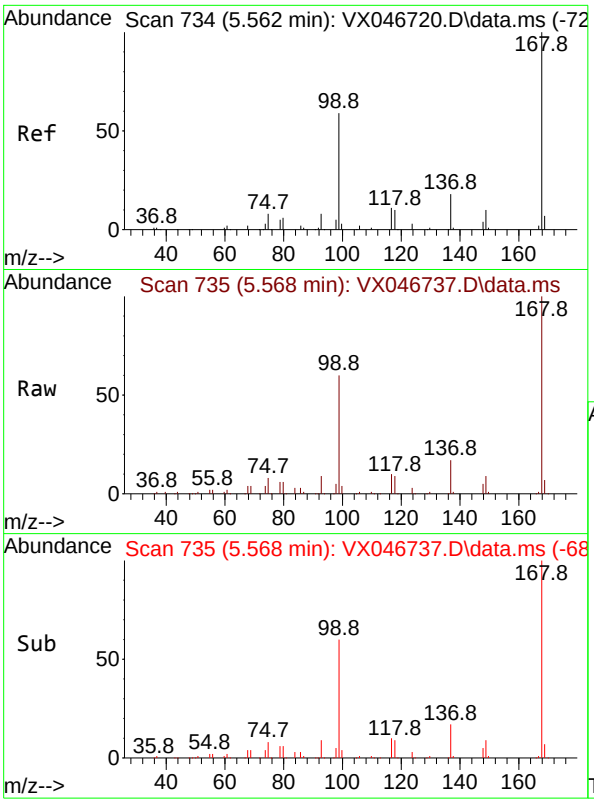
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046737.D
Acq On : 18 Jun 2025 13:15
Operator : JC/MD
Sample : Q2345-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250616

Quant Time: Jun 19 01:23:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



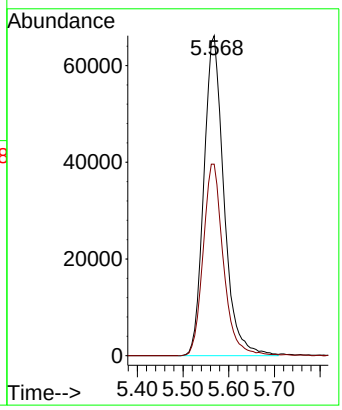
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250616

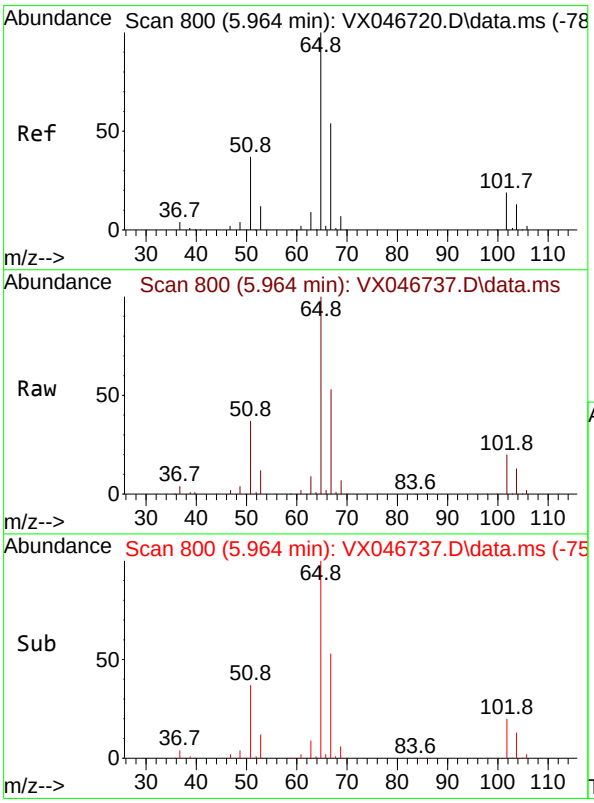


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046737.D
Acq: 18 Jun 2025 13:15

Tgt Ion:168 Resp: 201684

Ion	Ratio	Lower	Upper
168	100		
99	59.8	48.5	72.7

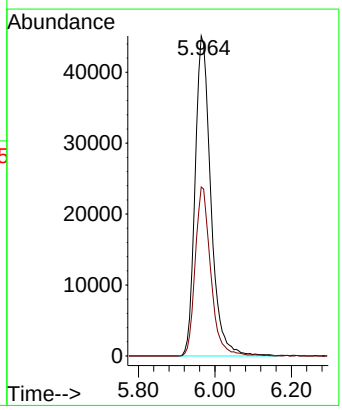


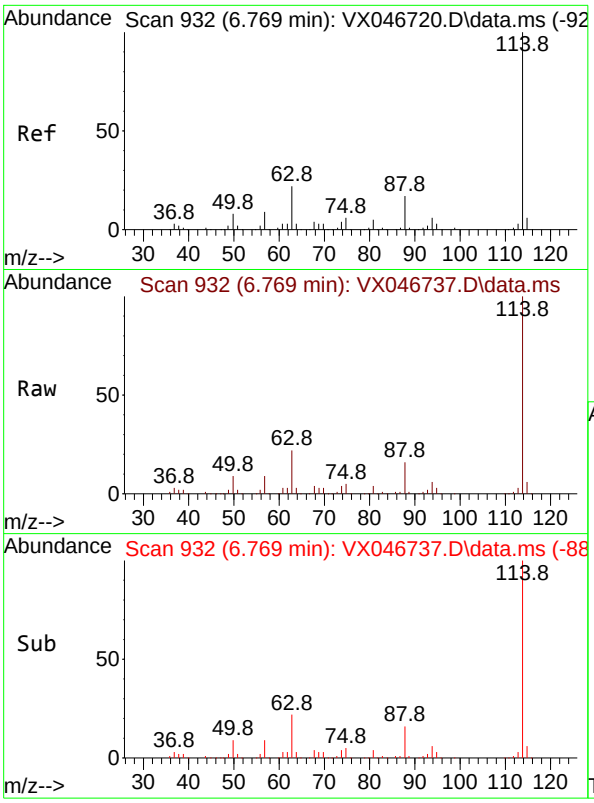


#33
1,2-Dichloroethane-d4
Concen: 46.270 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046737.D
Acq: 18 Jun 2025 13:15

Tgt Ion: 65 Resp: 129078

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.4



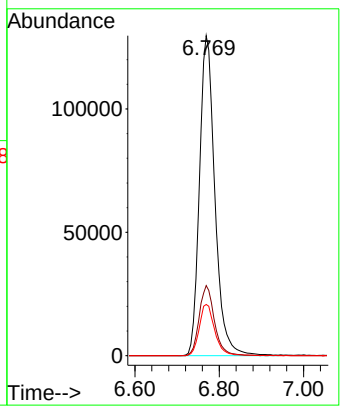


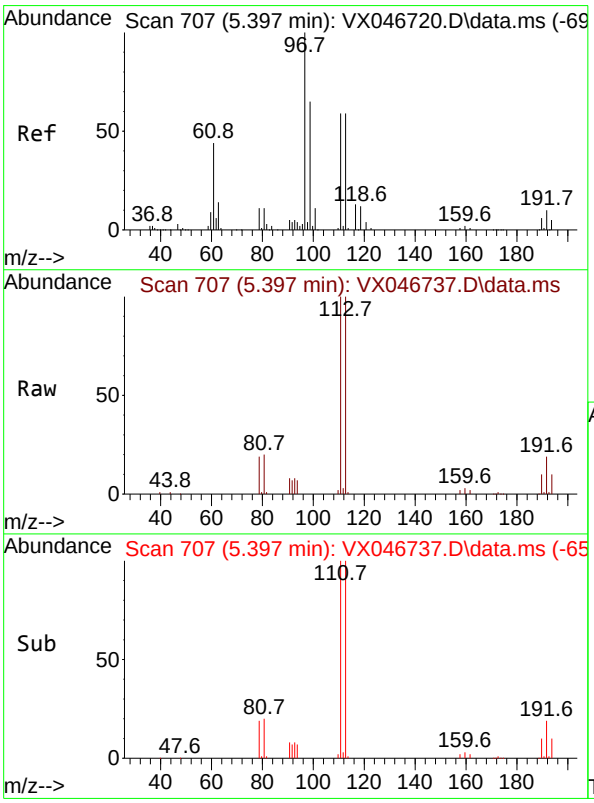
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046737.D
Acq: 18 Jun 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250616

Tgt Ion:114 Resp: 330858

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.2
88	16.0	0.0	33.2

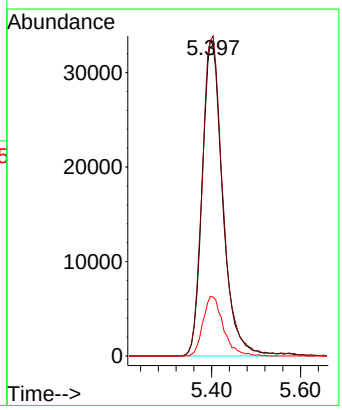


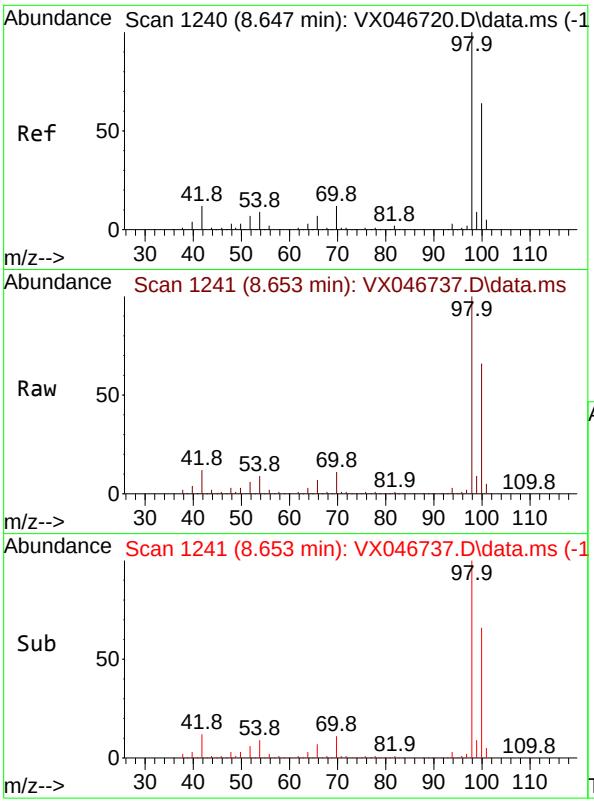


#35
Dibromofluoromethane
Concen: 48.810 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046737.D
Acq: 18 Jun 2025 13:15

Tgt Ion:113 Resp: 106849

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	18.8	15.3	22.9



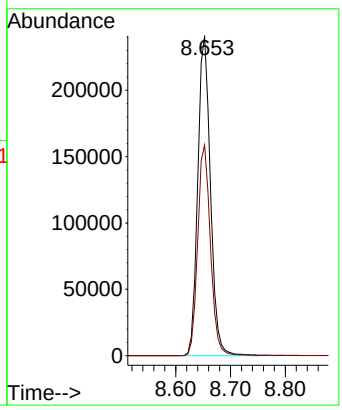


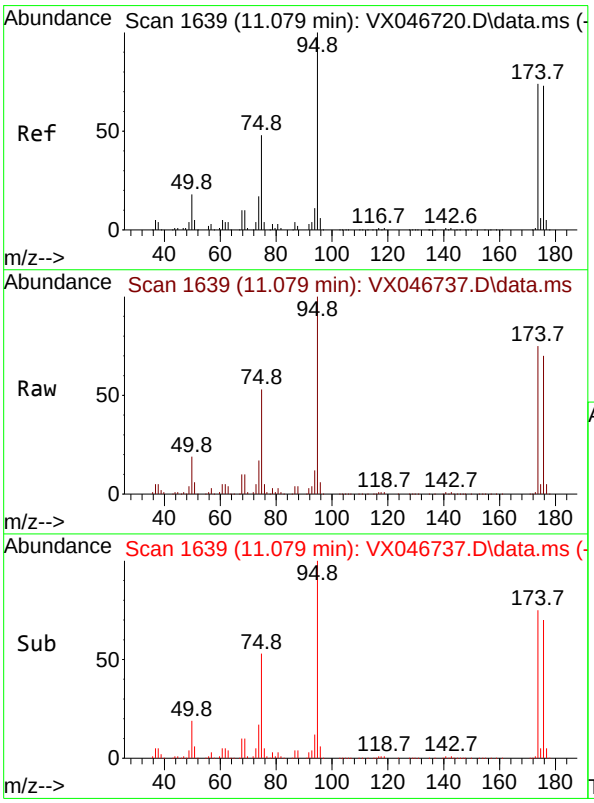
#50
Toluene-d8
Concen: 49.419 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046737.D
Acq: 18 Jun 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250616

Tgt Ion: 98 Resp: 388674

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

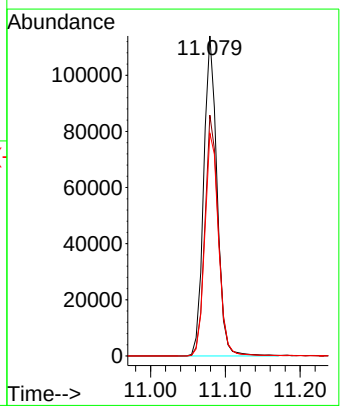


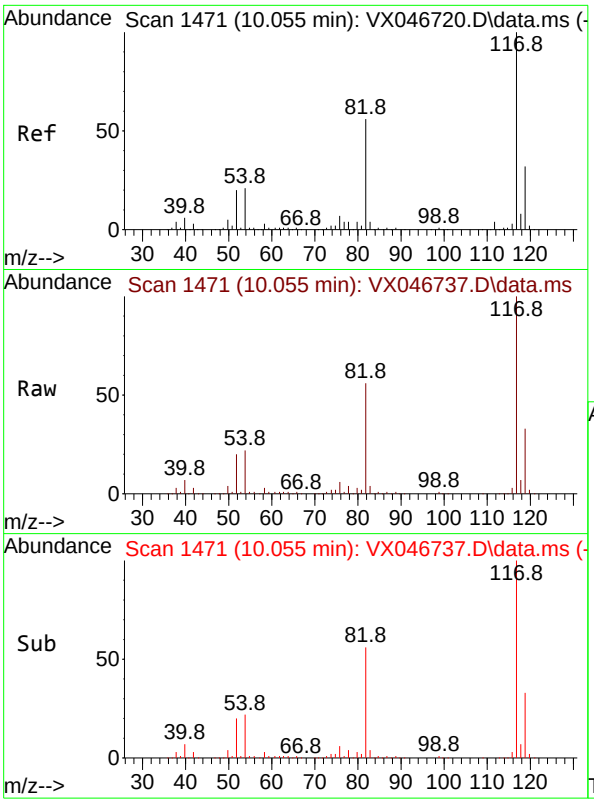


#62
4-Bromofluorobenzene
Concen: 48.137 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046737.D
Acq: 18 Jun 2025 13:15

Tgt Ion: 95 Resp: 141124

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	150.4
176	71.8	0.0	145.0



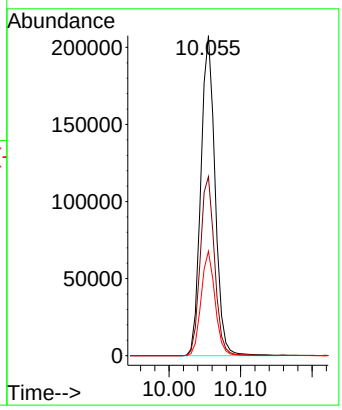


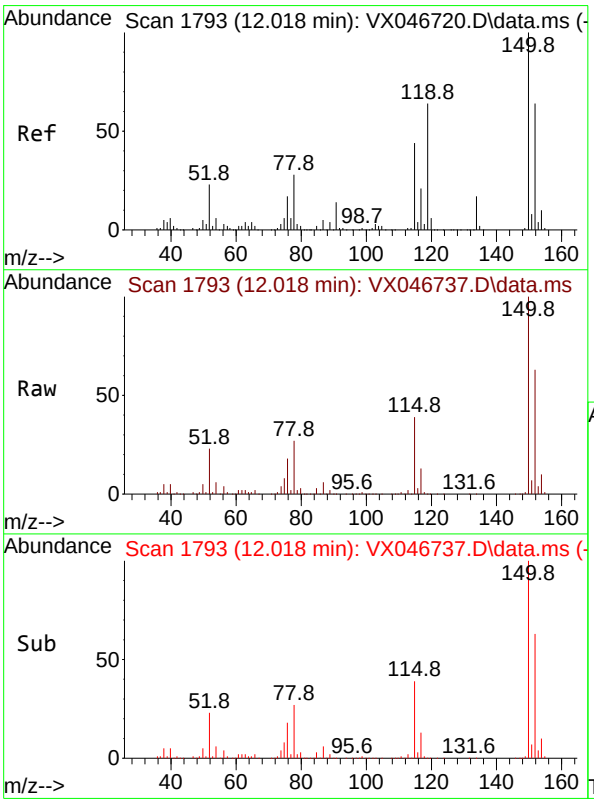
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046737.D
Acq: 18 Jun 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250616

Tgt Ion:117 Resp: 287321

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.6	66.8
119	32.7	25.8	38.8

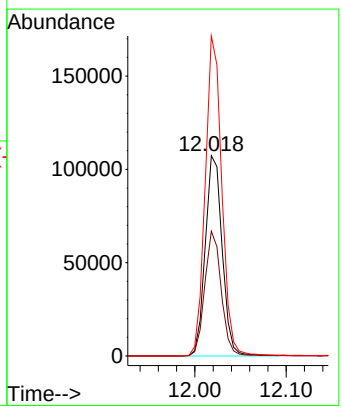




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046737.D
Acq: 18 Jun 2025 13:15

Tgt Ion:152 Resp: 137822

Ion	Ratio	Lower	Upper
152	100		
115	61.0	43.2	129.6
150	156.4	0.0	346.8



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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-3-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-06	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046738.D	1		06/18/25 13:37	VX061825

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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-3-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-06	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046738.D	1		06/18/25 13:37	VX061825

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	46.3		81 - 118		93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	49.5		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		85 - 114		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	203000	5.562				
540-36-3	1,4-Difluorobenzene	333000	6.769				
3114-55-4	Chlorobenzene-d5	290000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	141000	12.018				

Raw Data: **VX046738.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-3-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-06	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046738.D	1		06/18/25 13:37	VX061825

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: **VX046738.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046738.D
Acq On : 18 Jun 2025 13:37
Operator : JC/MD
Sample : Q2345-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250616

Quant Time: Jun 19 01:23:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

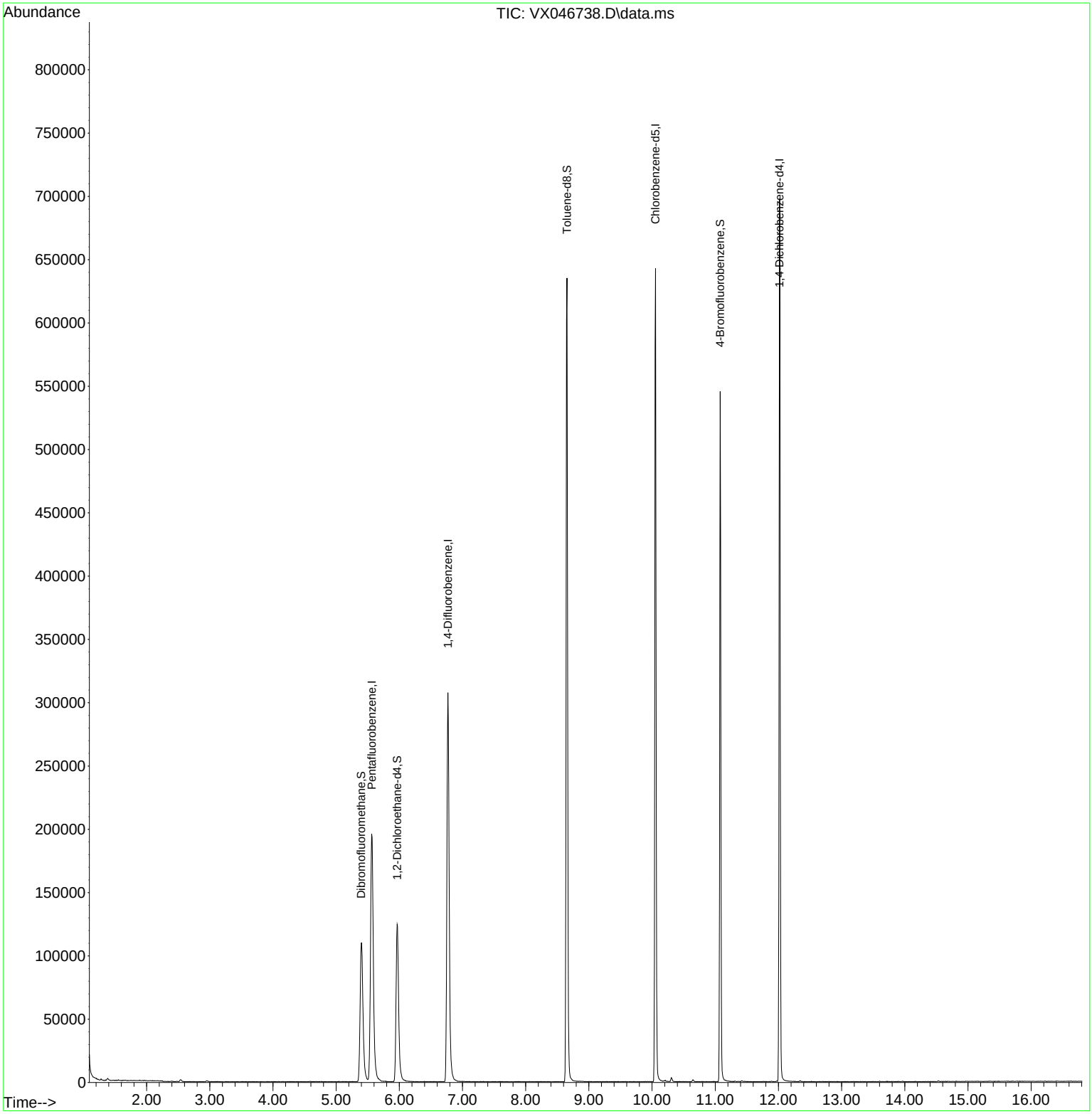
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	203124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332589	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	141430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130171	46.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.660%		
35) Dibromofluoromethane	5.397	113	107039	48.643	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.280%		
50) Toluene-d8	8.653	98	391335	49.499	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.000%		
62) 4-Bromofluorobenzene	11.079	95	141753	48.100	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.200%		
Target Compounds						Qvalue

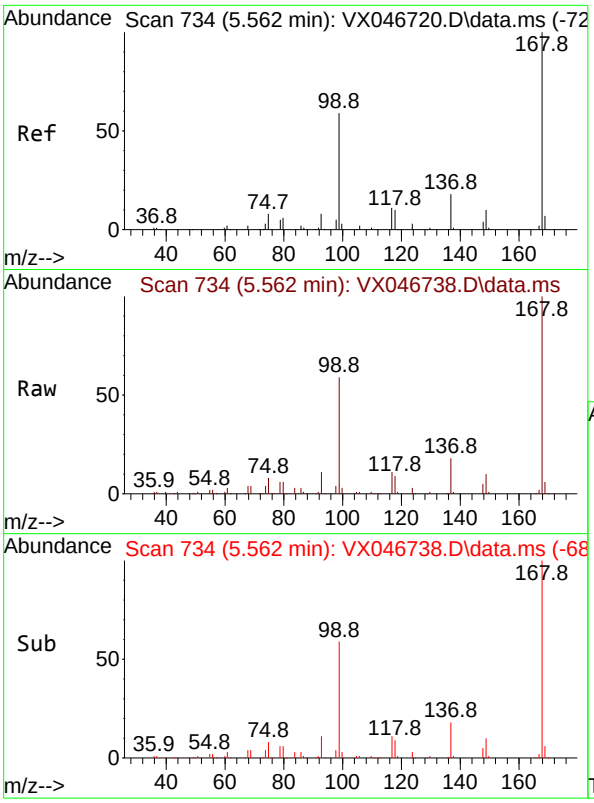
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046738.D
Acq On : 18 Jun 2025 13:37
Operator : JC/MD
Sample : Q2345-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250616

Quant Time: Jun 19 01:23:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



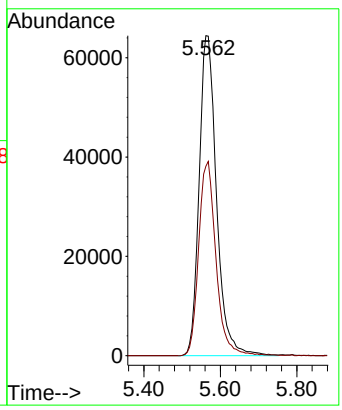


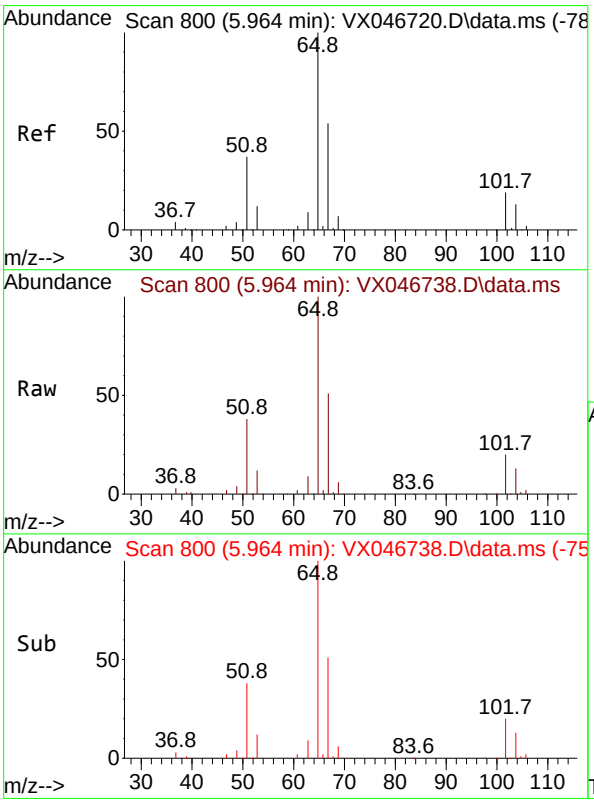
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250616

Tgt Ion:168 Resp: 203124

Ion	Ratio	Lower	Upper
168	100		
99	59.2	48.5	72.7

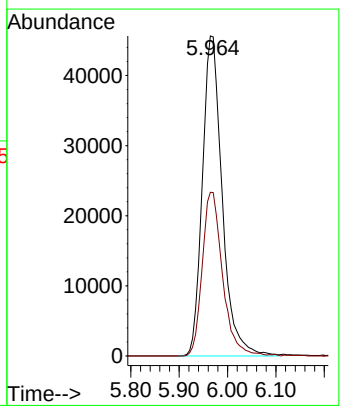


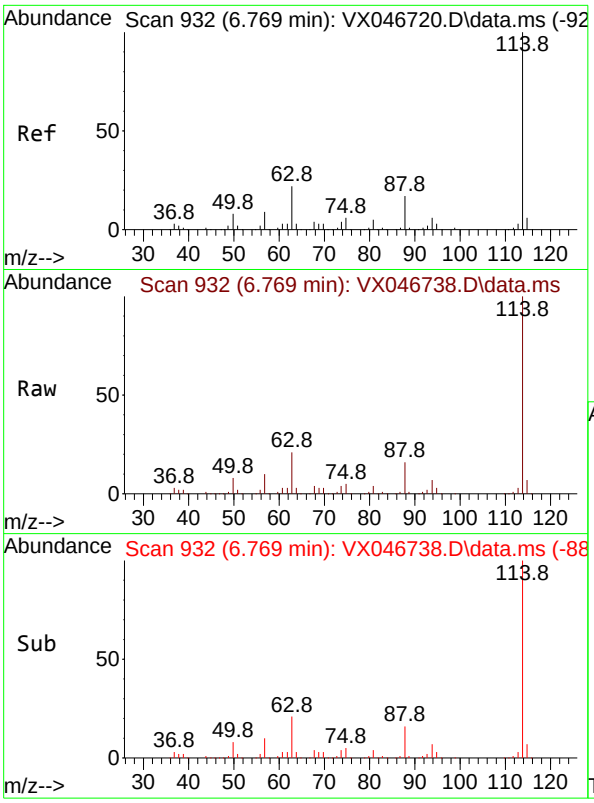


#33
1,2-Dichloroethane-d4
Concen: 46.331 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Tgt Ion: 65 Resp: 130171

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.4



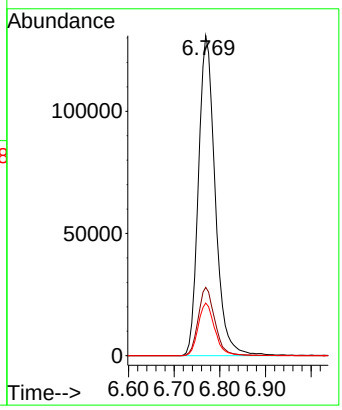


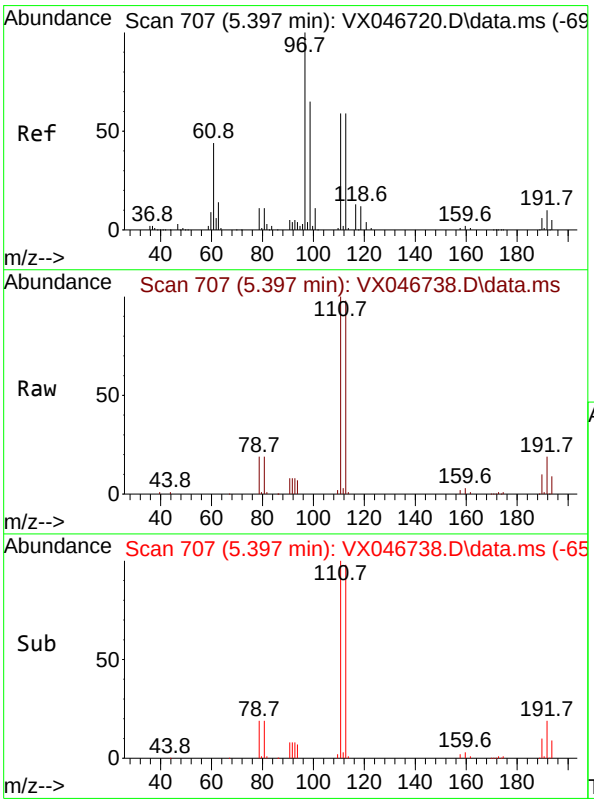
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250616

Tgt Ion:114 Resp: 332589

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.2
88	16.5	0.0	33.2

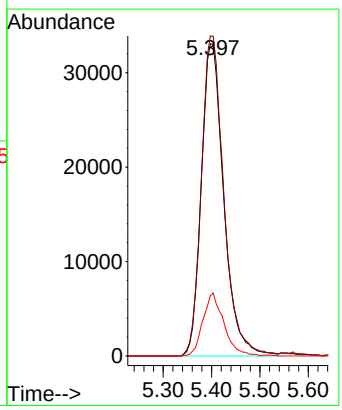


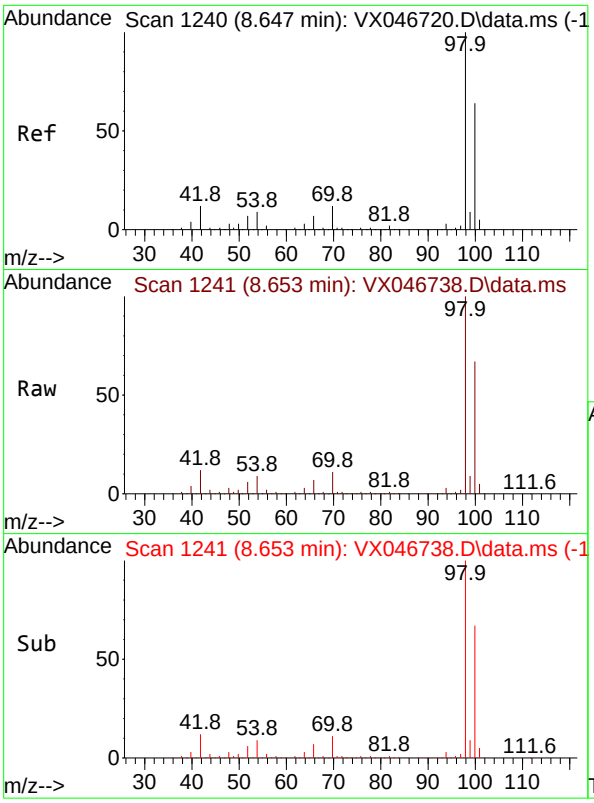


#35
Dibromofluoromethane
Concen: 48.643 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Tgt Ion:113 Resp: 107039

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	18.7	15.3	22.9



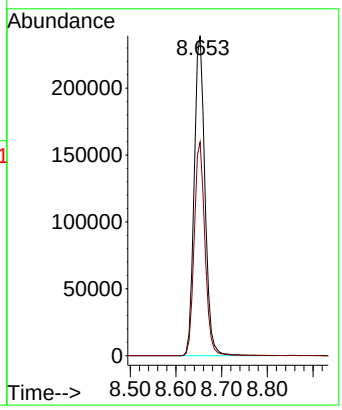


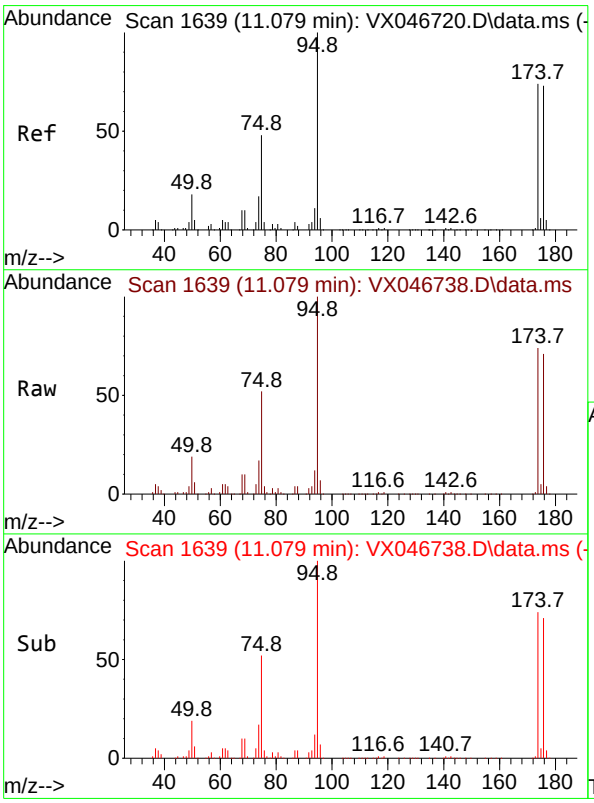
#50
Toluene-d8
Concen: 49.499 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250616

Tgt Ion: 98 Resp: 391335

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

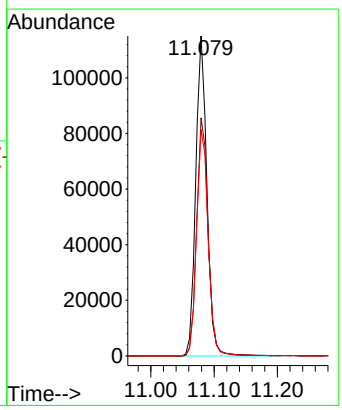


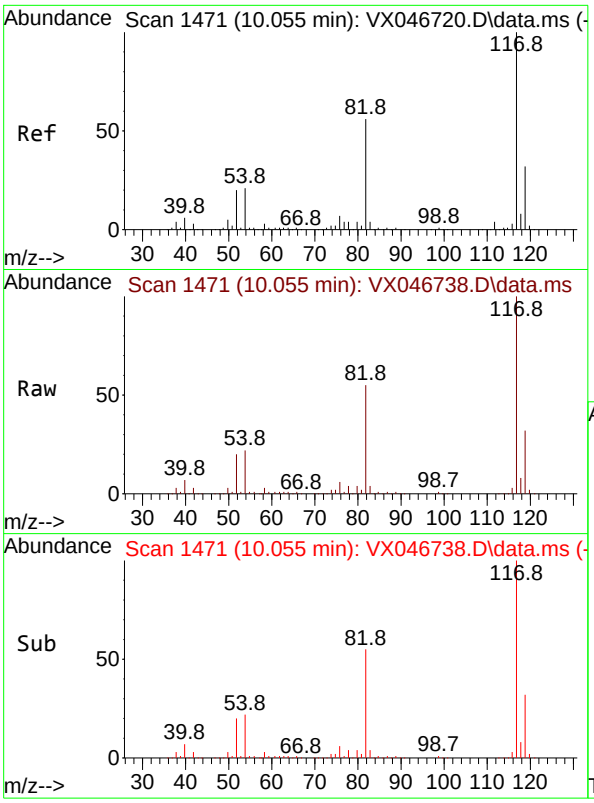


#62
4-Bromofluorobenzene
Concen: 48.100 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Tgt Ion: 95 Resp: 141753

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	150.4
176	73.6	0.0	145.0



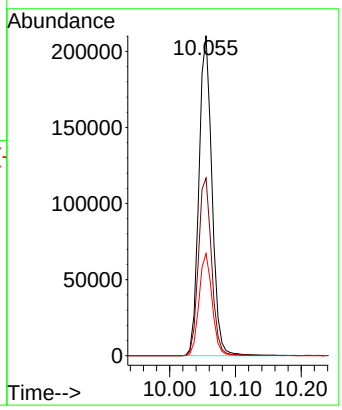


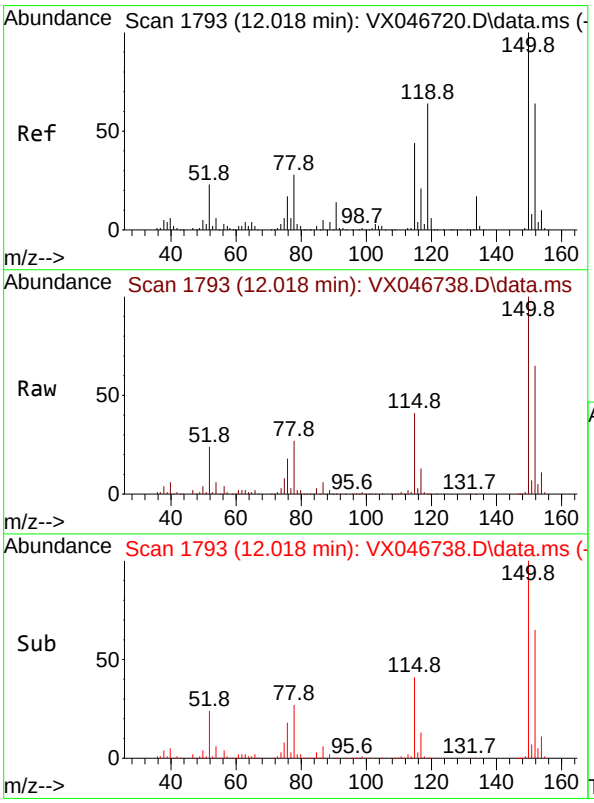
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-3-20250616

Tgt Ion:117 Resp: 290067

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.6	66.8
119	31.9	25.8	38.8

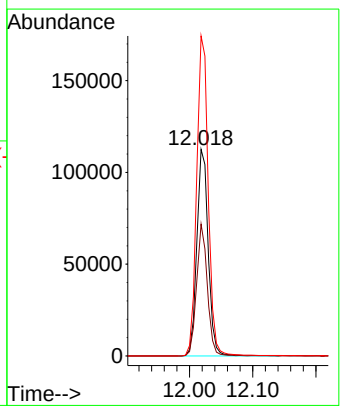




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046738.D
Acq: 18 Jun 2025 13:37

Tgt Ion:152 Resp: 141430

Ion	Ratio	Lower	Upper
152	100		
115	60.2	43.2	129.6
150	156.6	0.0	346.8



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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-5-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046739.D	1		06/18/25 13:58	VX061825

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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-5-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046739.D	1		06/18/25 13:58	VX061825

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	48.2		81 - 118		96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	49.2		89 - 112		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	138000	5.568				
540-36-3	1,4-Difluorobenzene	229000	6.769				
3114-55-4	Chlorobenzene-d5	205000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	98500	12.018				

Raw Data: **VX046739.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-5-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046739.D	1		06/18/25 13:58	VX061825

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: **VX046739.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046739.D
Acq On : 18 Jun 2025 13:58
Operator : JC/MD
Sample : Q2345-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616

Quant Time: Jun 19 01:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	138024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	92104	48.244	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.480%		
35) Dibromofluoromethane	5.403	113	73789	48.631	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.260%		
50) Toluene-d8	8.653	98	268168	49.192	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.380%		
62) 4-Bromofluorobenzene	11.079	95	101037	49.720	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.440%		

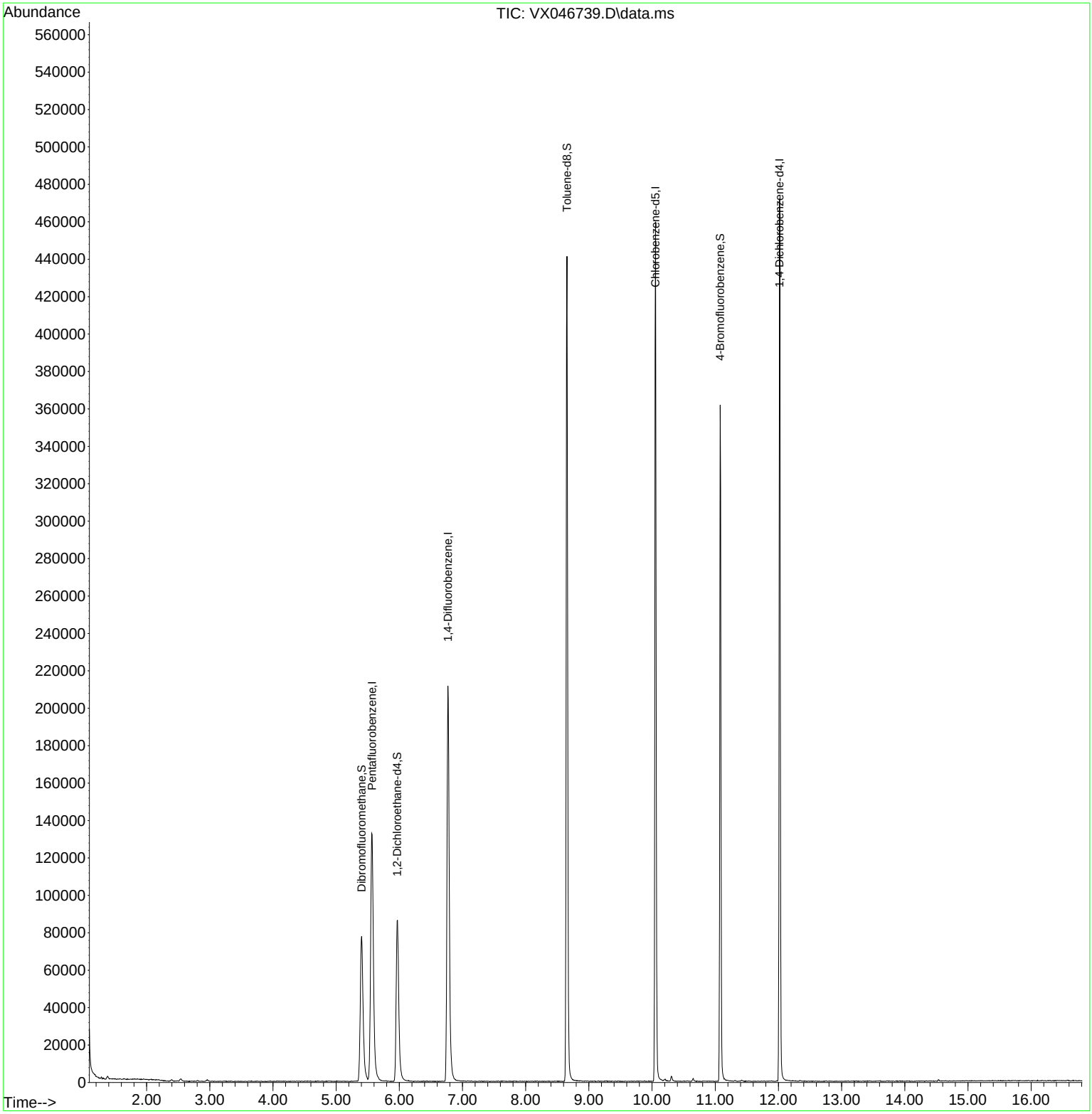
Target Compounds Qvalue

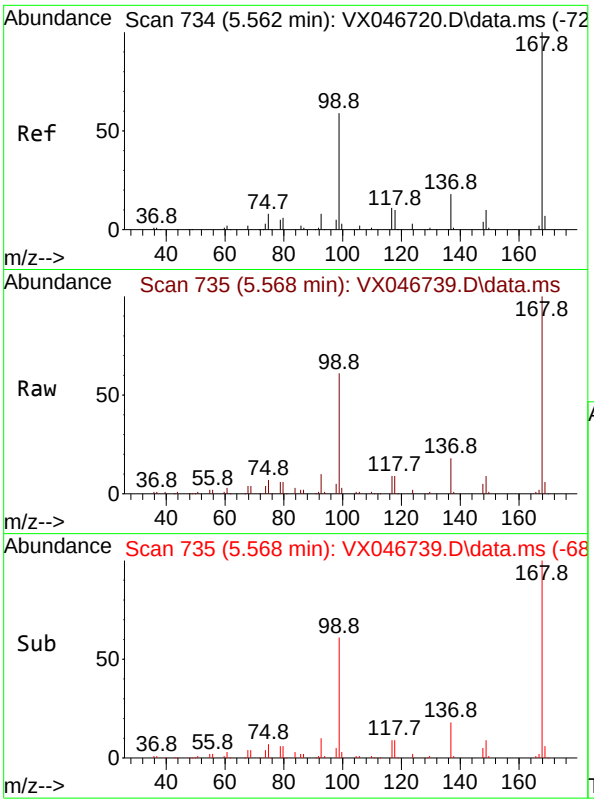
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046739.D
Acq On : 18 Jun 2025 13:58
Operator : JC/MD
Sample : Q2345-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616

Quant Time: Jun 19 01:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



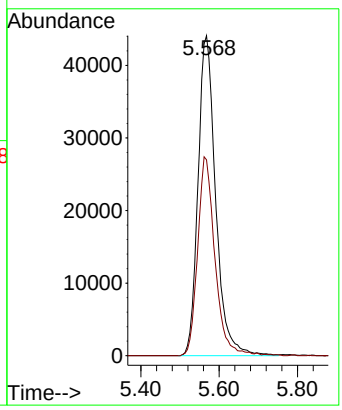


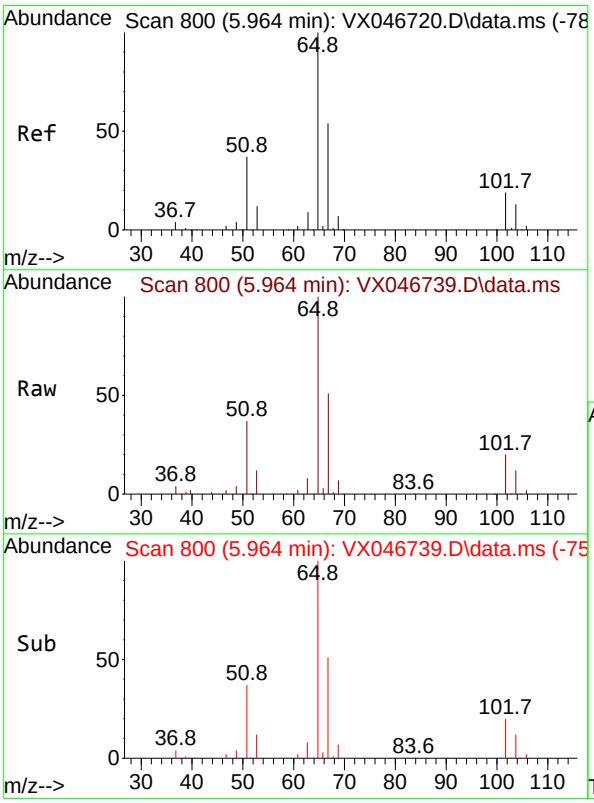
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046739.D
Acq: 18 Jun 2025 13:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616

Tgt Ion:168 Resp: 138024

Ion	Ratio	Lower	Upper
168	100		
99	61.2	48.5	72.7

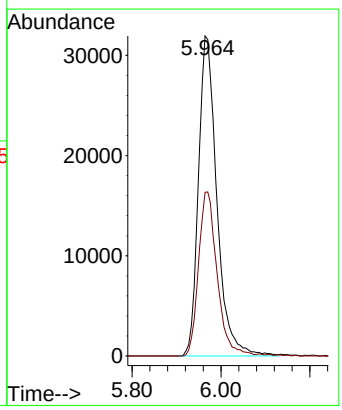


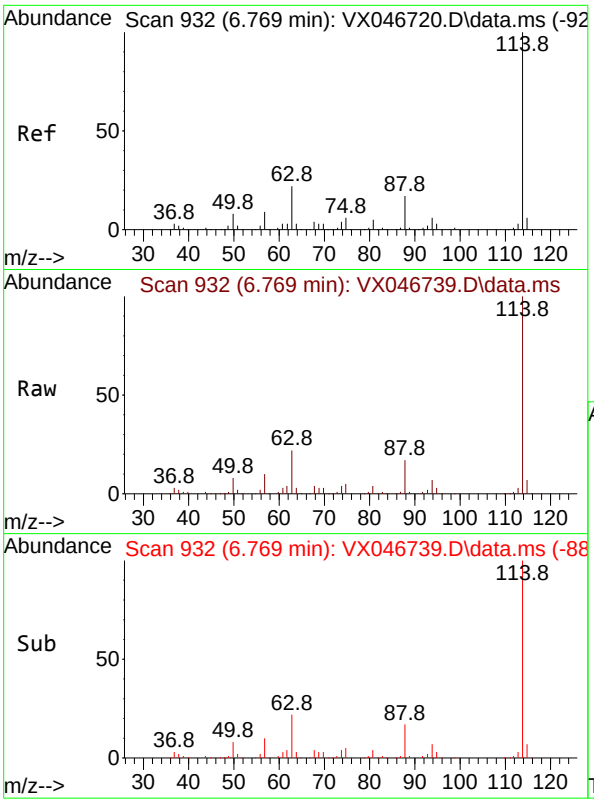


#33
1,2-Dichloroethane-d4
Concen: 48.244 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046739.D
Acq: 18 Jun 2025 13:58

Tgt Ion: 65 Resp: 92104

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.4



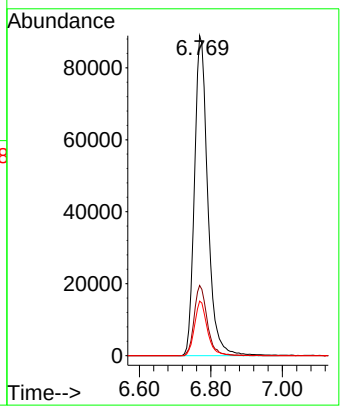


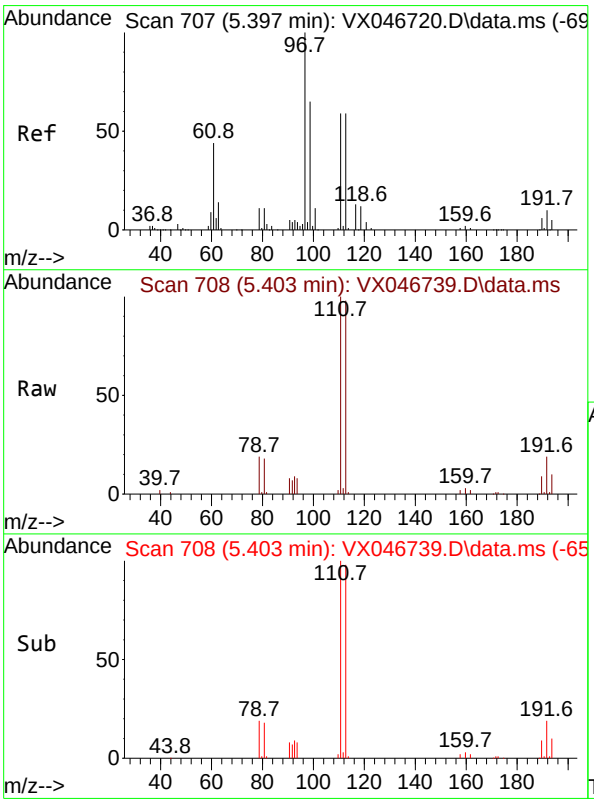
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046739.D
Acq: 18 Jun 2025 13:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616

Tgt Ion:114 Resp: 229333

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.2
88	17.0	0.0	33.2

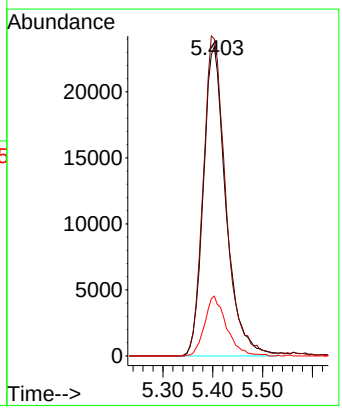


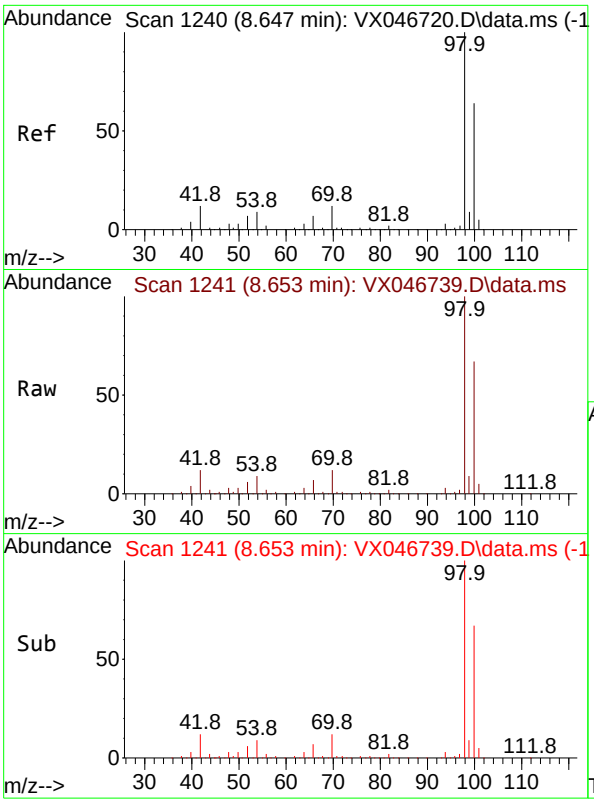


#35
Dibromofluoromethane
Concen: 48.631 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046739.D
Acq: 18 Jun 2025 13:58

Tgt Ion:113 Resp: 73789

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	18.7	15.3	22.9



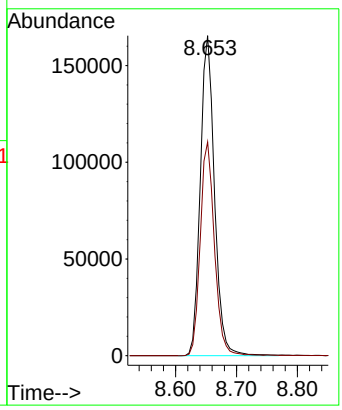


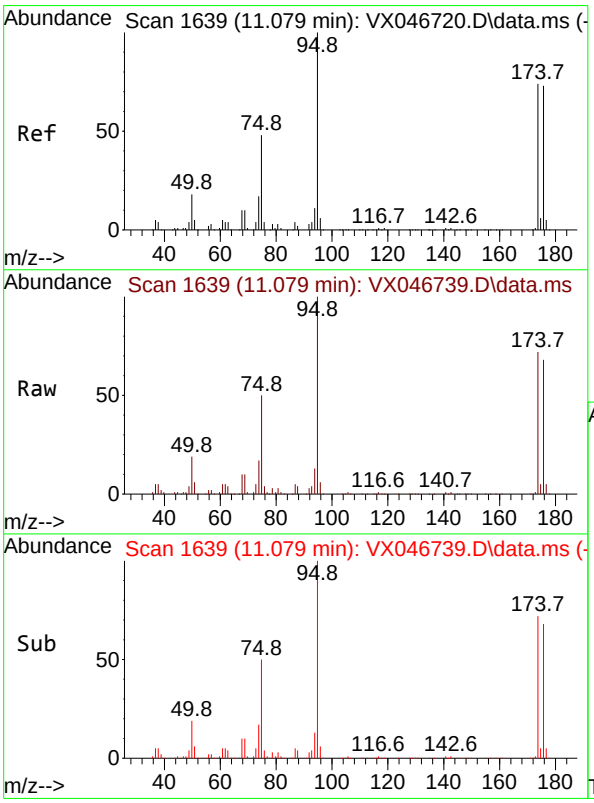
#50
Toluene-d8
Concen: 49.192 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046739.D
Acq: 18 Jun 2025 13:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616

Tgt Ion: 98 Resp: 268168

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4

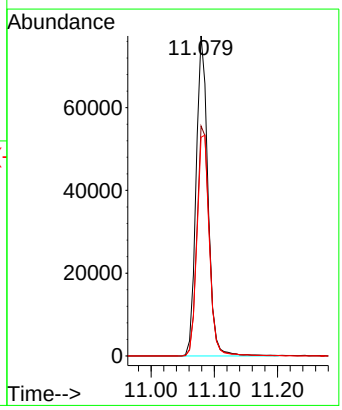


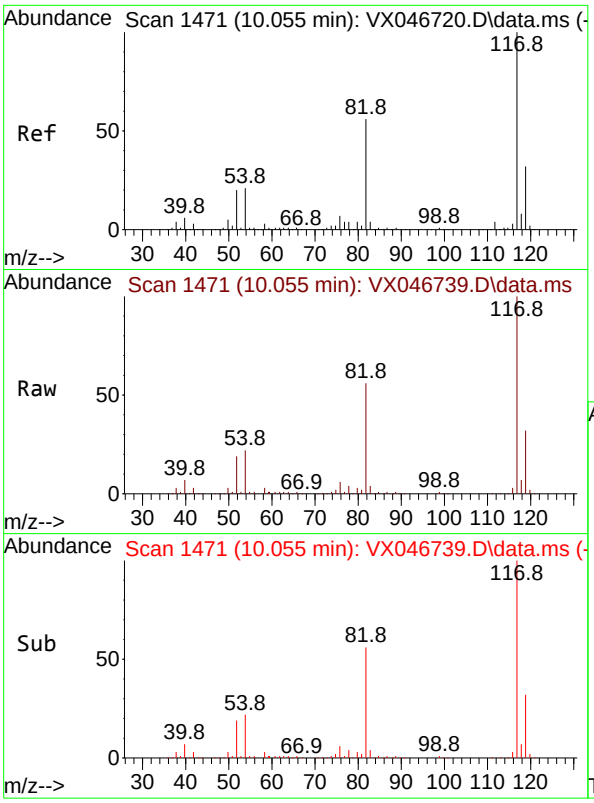


#62
4-Bromofluorobenzene
Concen: 49.720 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046739.D
Acq: 18 Jun 2025 13:58

Tgt Ion: 95 Resp: 101037

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	150.4
176	72.1	0.0	145.0



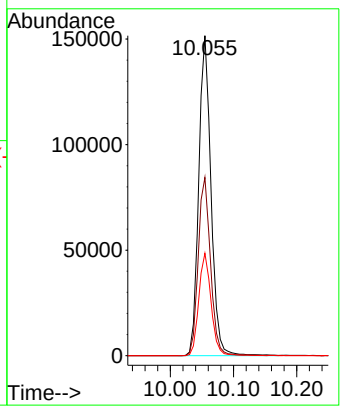


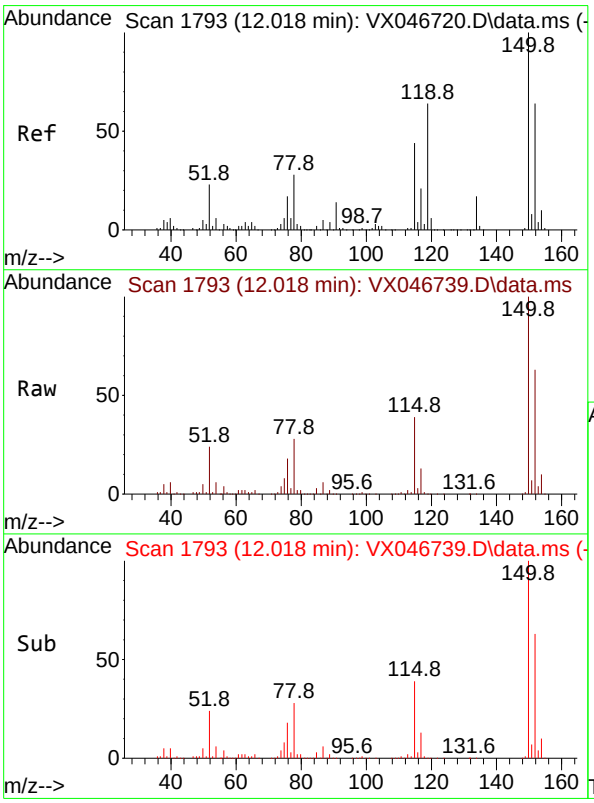
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046739.D
Acq: 18 Jun 2025 13:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616

Tgt Ion:117 Resp: 204785

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	32.0	25.8	38.8

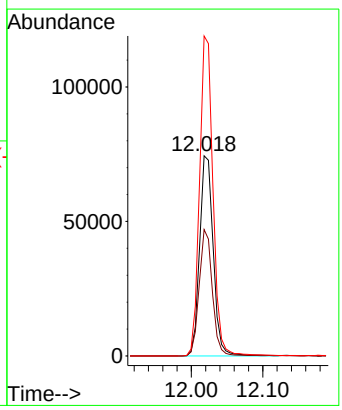




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046739.D
Acq: 18 Jun 2025 13:58

Tgt Ion:152 Resp: 98514

Ion	Ratio	Lower	Upper
152	100		
115	61.2	43.2	129.6
150	157.7	0.0	346.8



Raw Data: **VX046740.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-6-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046740.D	1		06/18/25 14:20	VX061825

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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-6-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046740.D	1		06/18/25 14:20	VX061825

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	46.9		81 - 118		94%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	49.5		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		85 - 114		95%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	203000	5.568				
540-36-3	1,4-Difluorobenzene	334000	6.769				
3114-55-4	Chlorobenzene-d5	291000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	140000	12.018				

Raw Data: **VX046740.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-6-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046740.D	1		06/18/25 14:20	VX061825

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\VX061825\
Data File : VX046740.D
Acq On : 18 Jun 2025 14:20
Operator : JC/MD
Sample : Q2345-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250616

Quant Time: Jun 19 01:24:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

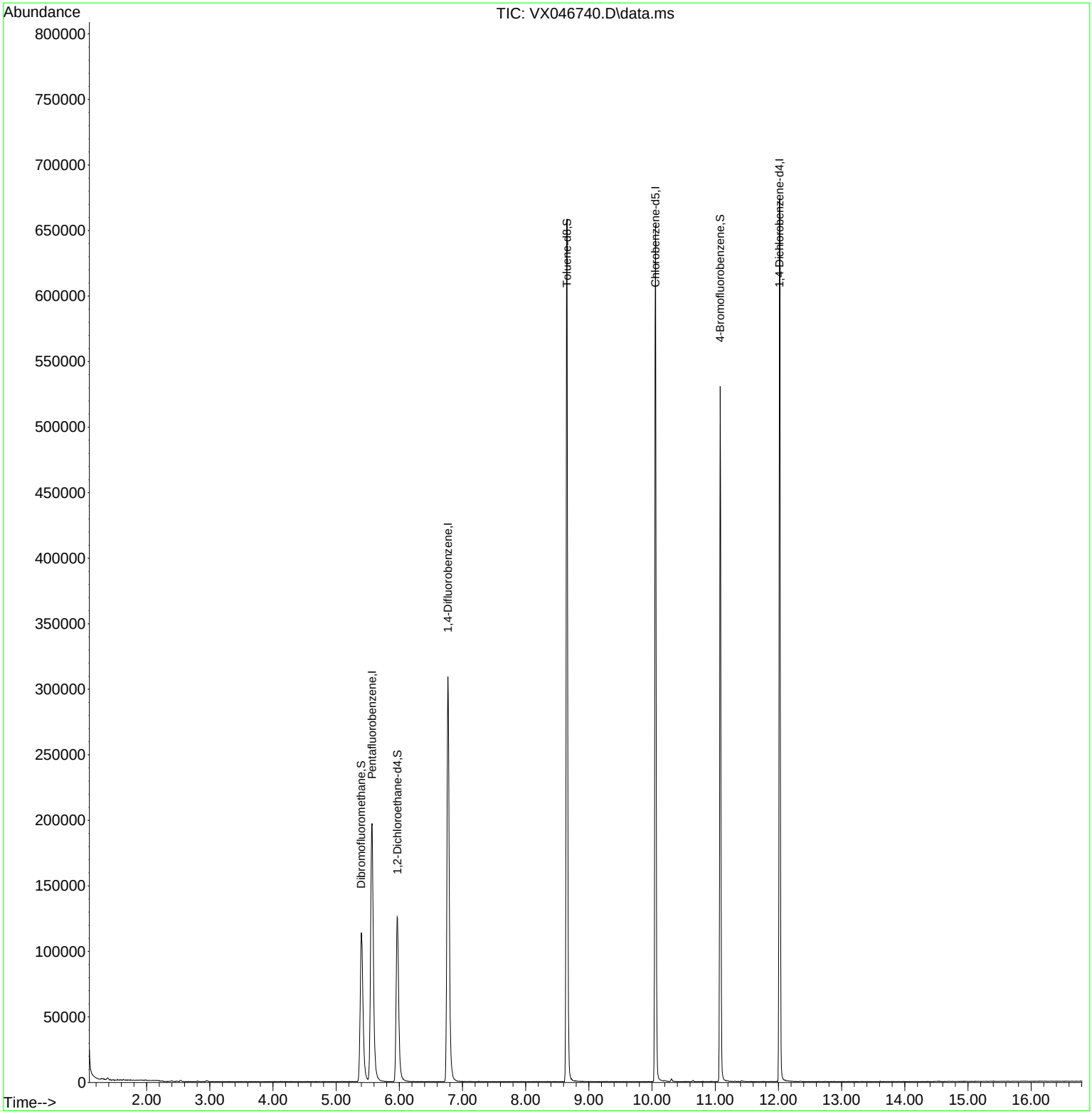
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	202843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	334138	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	140253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	131452	46.852	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.700%			
35) Dibromofluoromethane	5.397	113	107684	48.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.420%			
50) Toluene-d8	8.653	98	392813	49.455	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.920%			
62) 4-Bromofluorobenzene	11.079	95	141107	47.659	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.320%			
Target Compounds						Qvalue

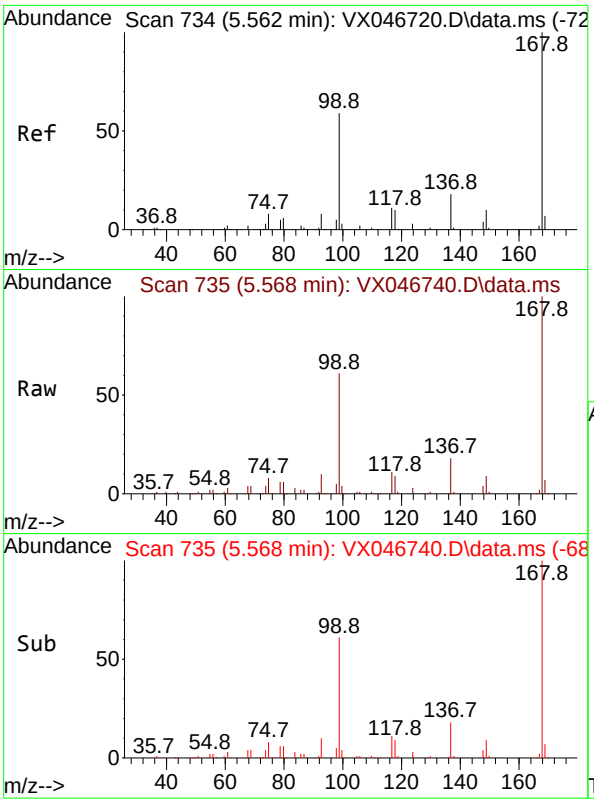
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046740.D
Acq On : 18 Jun 2025 14:20
Operator : JC/MD
Sample : Q2345-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250616

Quant Time: Jun 19 01:24:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



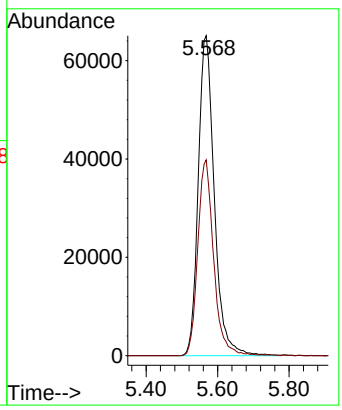


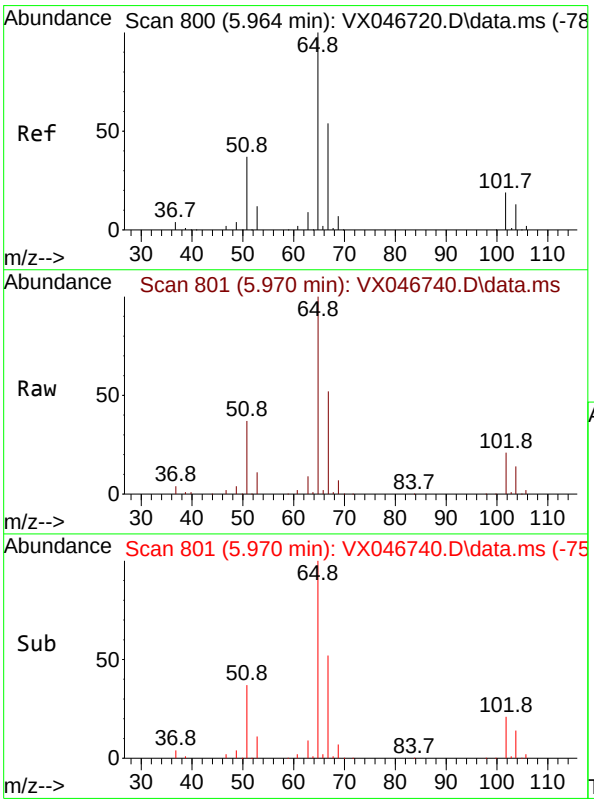
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250616

Tgt Ion:168 Resp: 202843

Ion	Ratio	Lower	Upper
168	100		
99	61.2	48.5	72.7

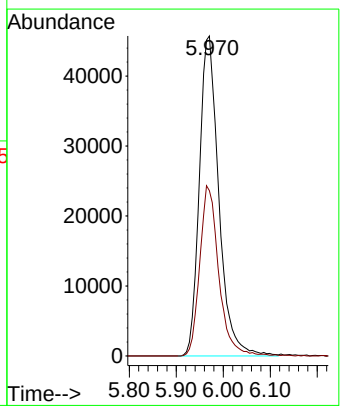


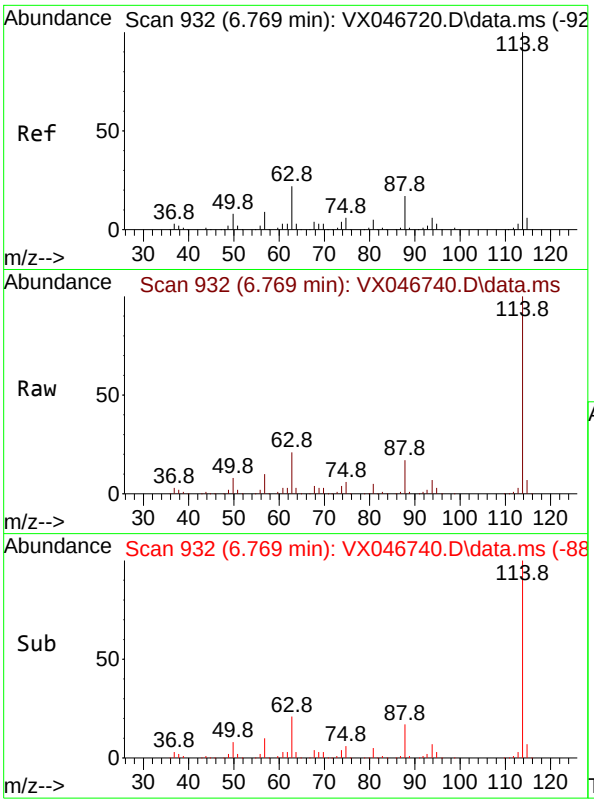


#33
1,2-Dichloroethane-d4
Concen: 46.852 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Tgt Ion: 65 Resp: 131452

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.4



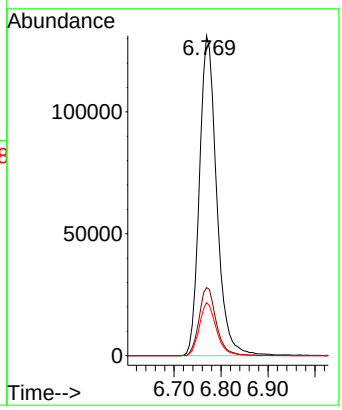


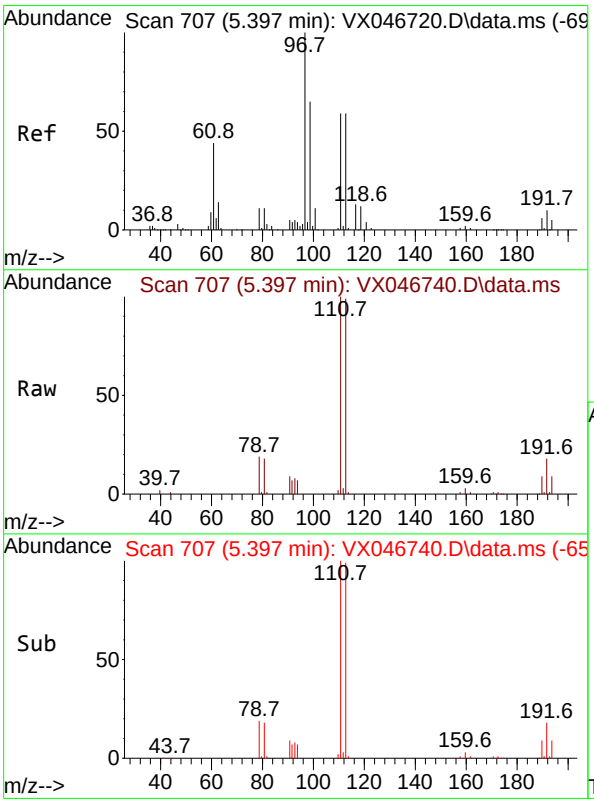
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250616

Tgt Ion:114 Resp: 334138

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	44.2
88	16.6	0.0	33.2

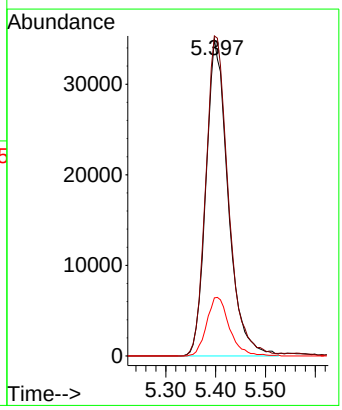


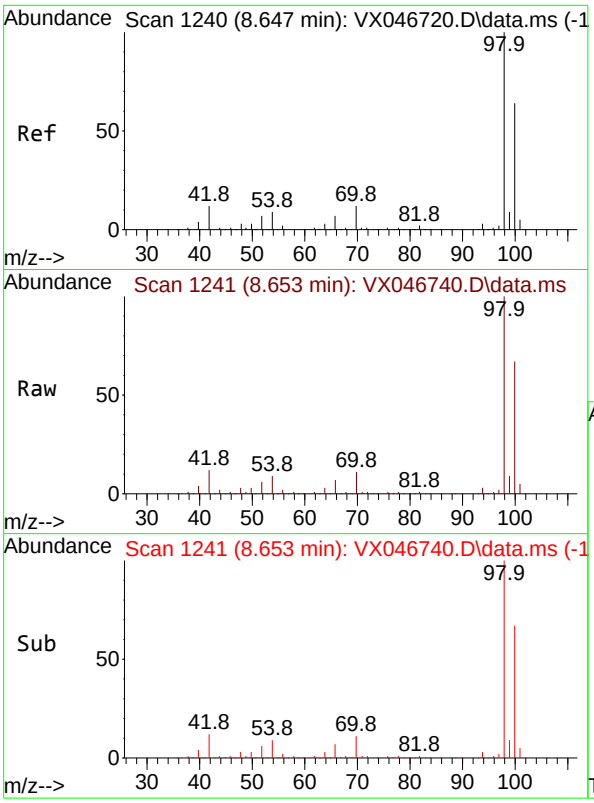


#35
Dibromofluoromethane
Concen: 48.709 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Tgt Ion:113 Resp: 107684

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	19.0	15.3	22.9



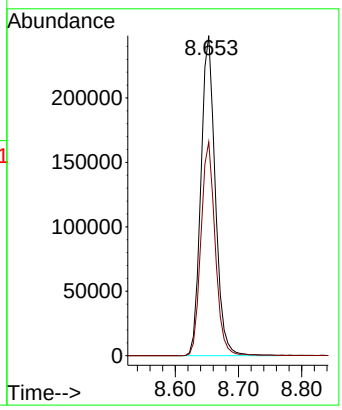


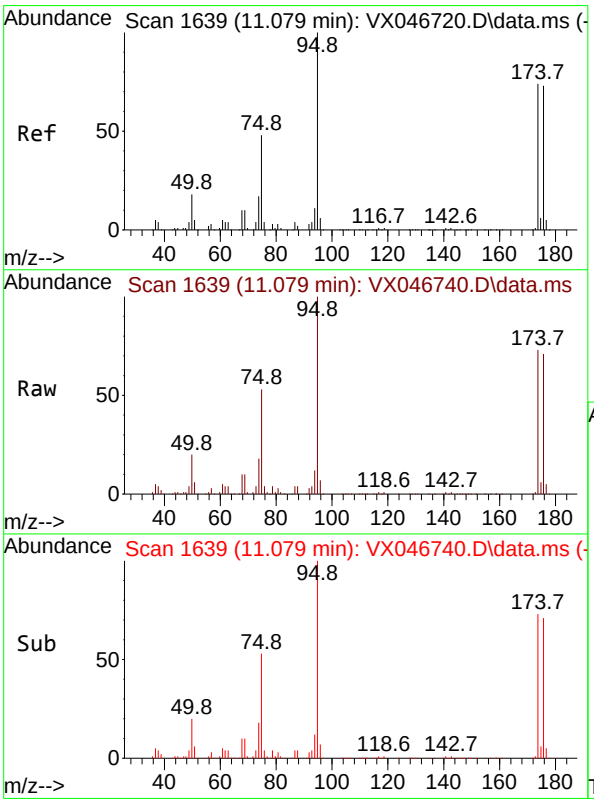
#50
Toluene-d8
Concen: 49.455 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250616

Tgt Ion: 98 Resp: 392813

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

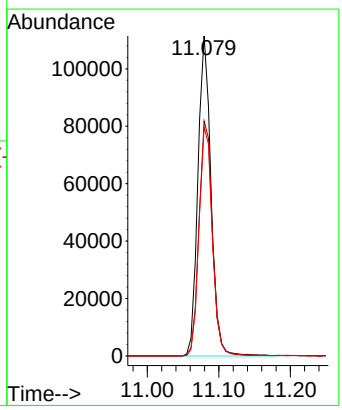


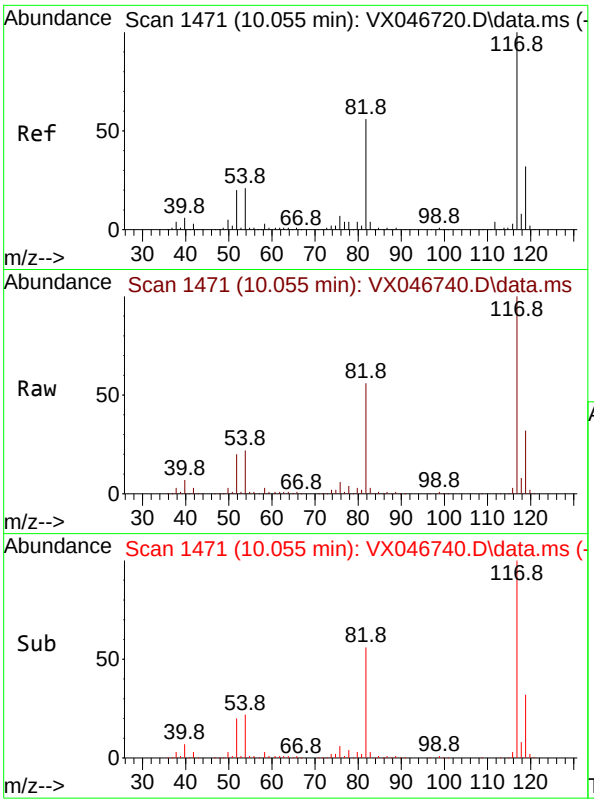


#62
4-Bromofluorobenzene
Concen: 47.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Tgt Ion: 95 Resp: 141107

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	150.4
176	73.3	0.0	145.0



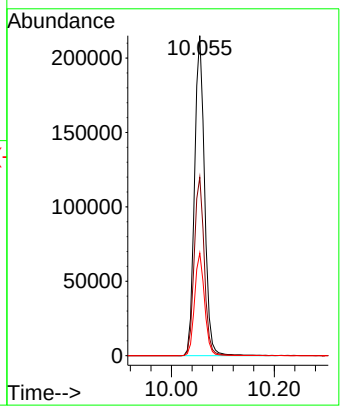


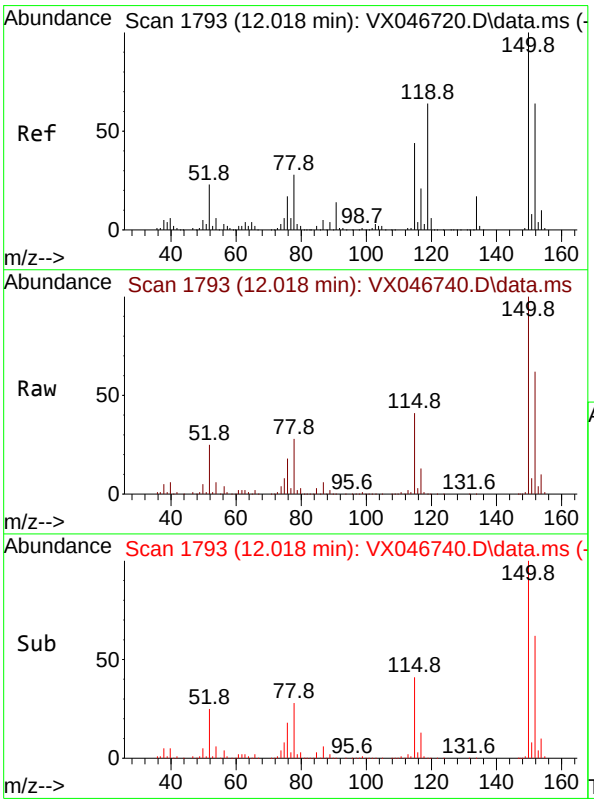
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-6-20250616

Tgt Ion:117 Resp: 291485

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	32.1	25.8	38.8

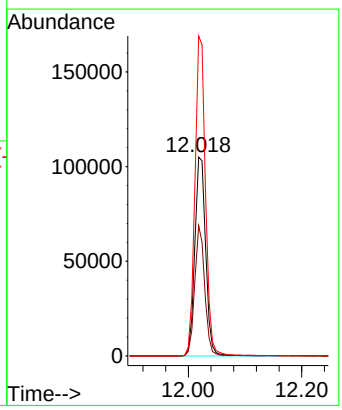




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046740.D
Acq: 18 Jun 2025 14:20

Tgt Ion:152 Resp: 140253

Ion	Ratio	Lower	Upper
152	100		
115	60.6	43.2	129.6
150	155.9	0.0	346.8



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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-10-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-11	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046741.D	1		06/18/25 14:41	VX061825

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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Fax : 908 789 8922

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-10-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-11	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046741.D	1		06/18/25 14:41	VX061825

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	46.2		81 - 118		92%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.4		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		85 - 114		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	221000	5.562				
540-36-3	1,4-Difluorobenzene	360000	6.769				
3114-55-4	Chlorobenzene-d5	315000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	152000	12.018				

Raw Data: **VX046741.D**

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-10-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-11	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046741.D	1		06/18/25 14:41	VX061825

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\VX061825\
Data File : VX046741.D
Acq On : 18 Jun 2025 14:41
Operator : JC/MD
Sample : Q2345-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250616

Quant Time: Jun 19 01:24:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

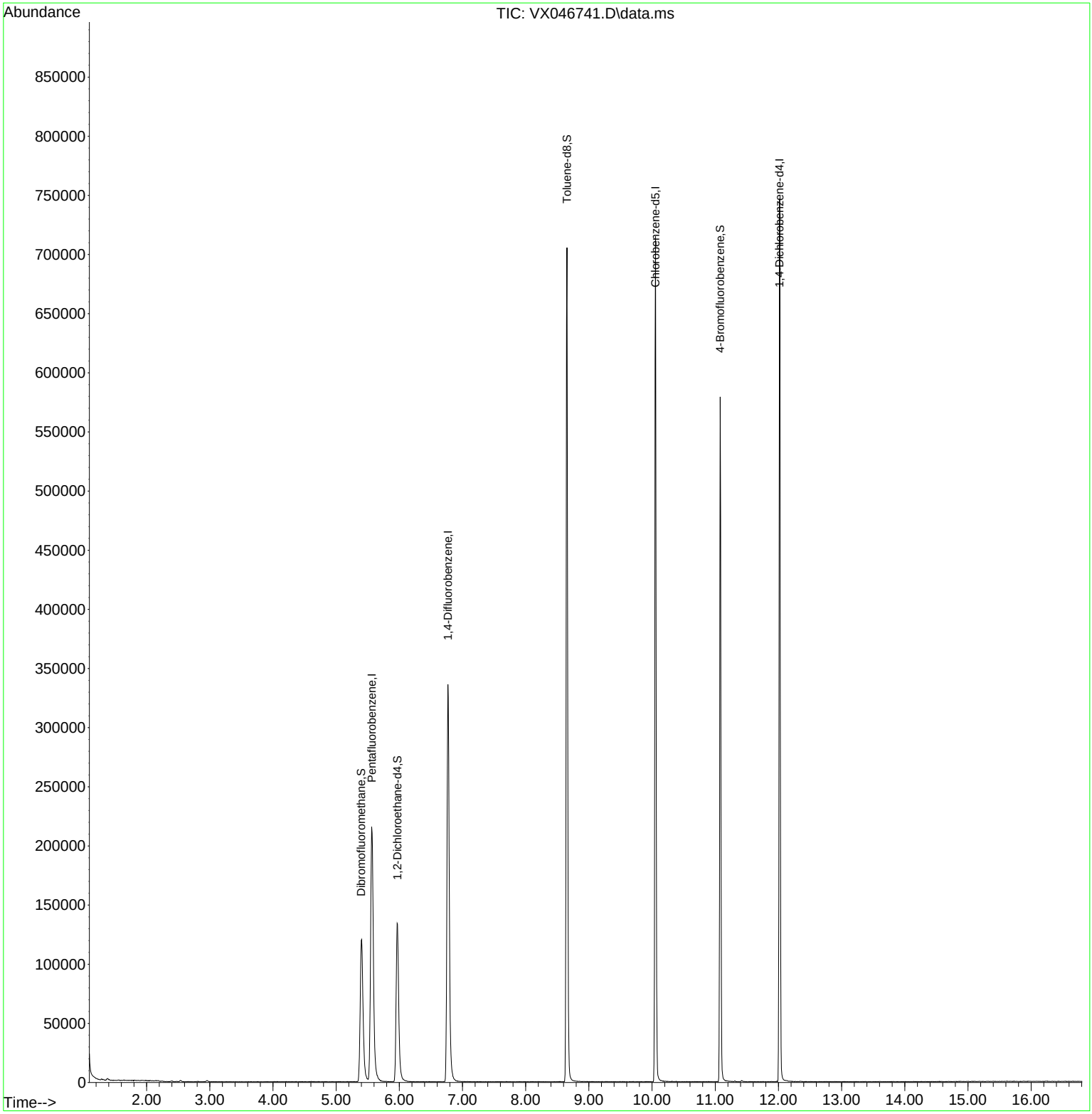
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	221164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	359780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	151979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	141476	46.248	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.500%		
35) Dibromofluoromethane	5.397	113	116221	48.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.640%		
50) Toluene-d8	8.653	98	422168	49.363	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.720%		
62) 4-Bromofluorobenzene	11.079	95	155379	48.739	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.480%		
Target Compounds						Qvalue

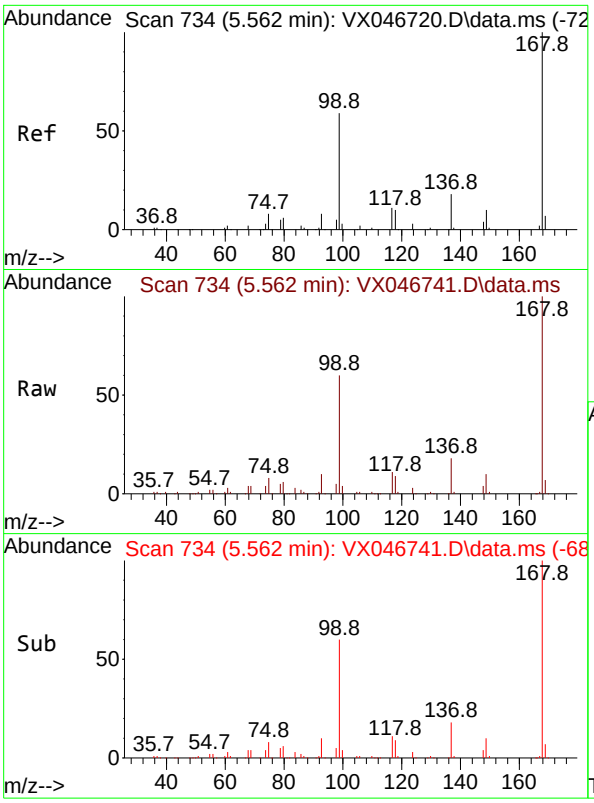
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046741.D
Acq On : 18 Jun 2025 14:41
Operator : JC/MD
Sample : Q2345-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250616

Quant Time: Jun 19 01:24:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



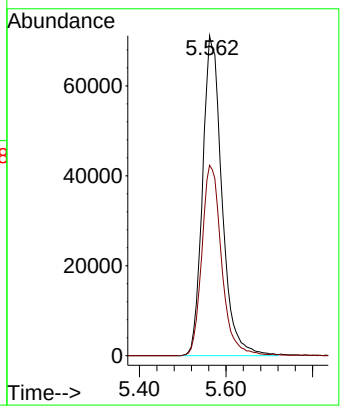


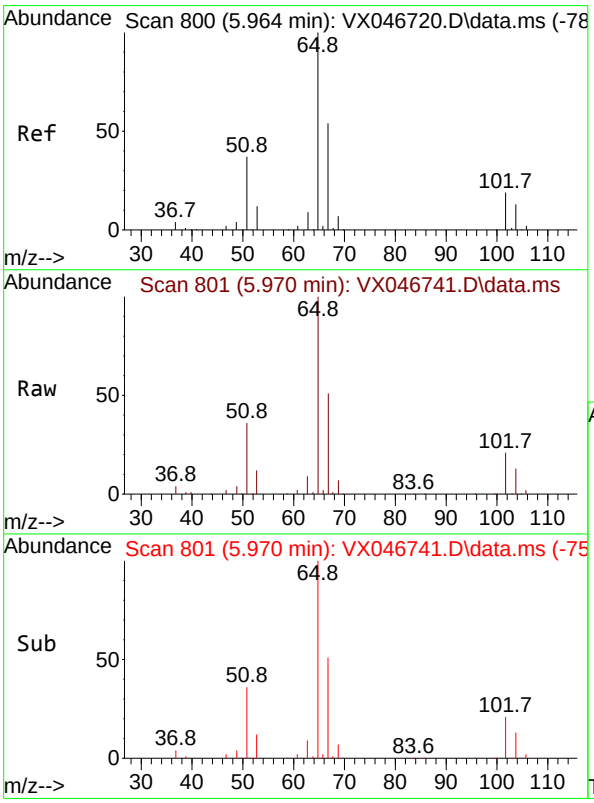
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250616

Tgt Ion:168 Resp: 221164

Ion	Ratio	Lower	Upper
168	100		
99	59.5	48.5	72.7

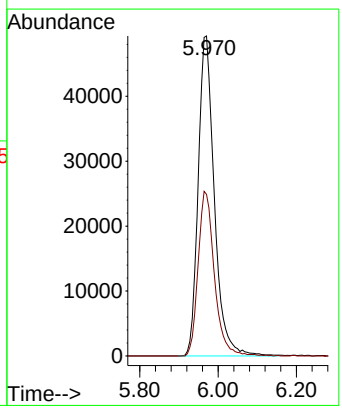


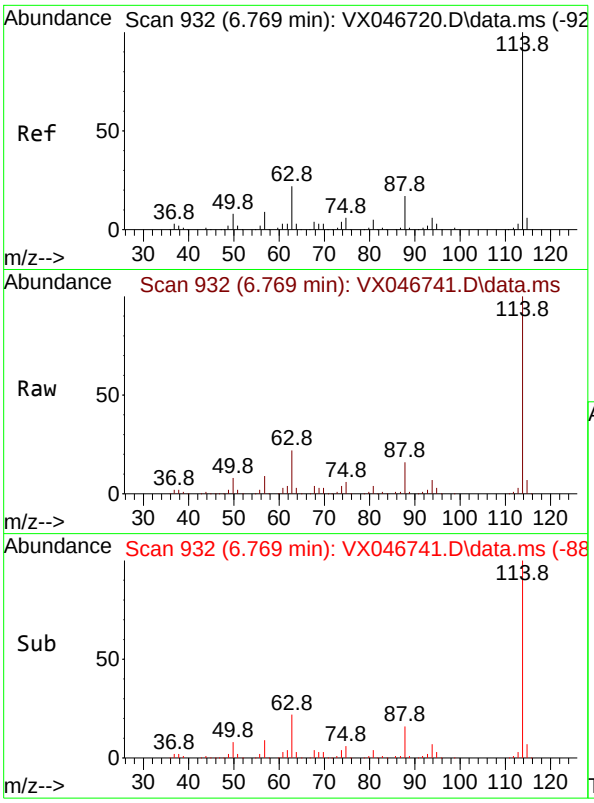


#33
1,2-Dichloroethane-d4
Concen: 46.248 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Tgt Ion: 65 Resp: 141476

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.4



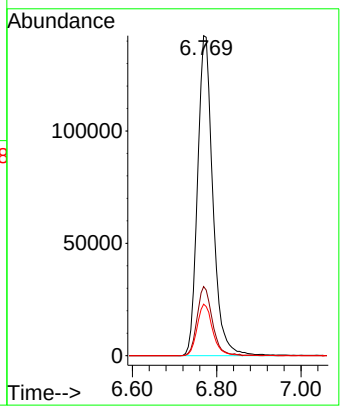


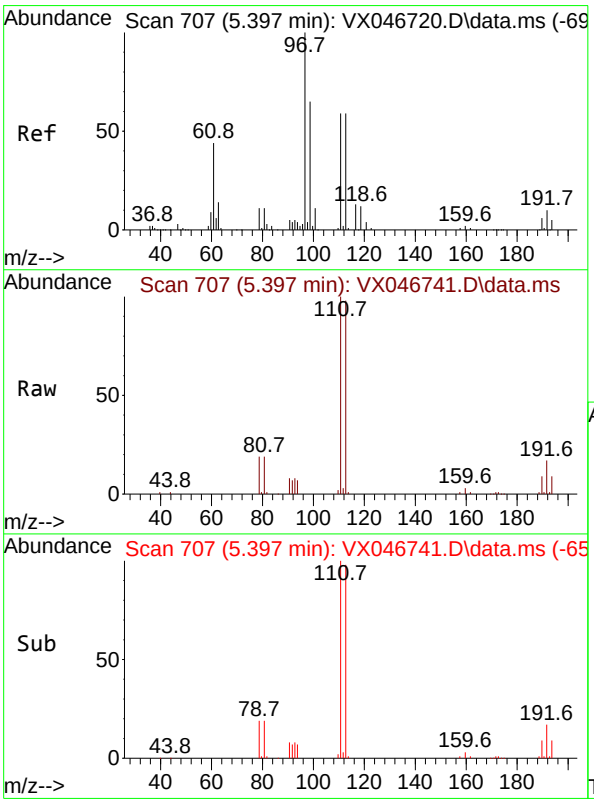
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250616

Tgt Ion:114 Resp: 359780

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.2
88	16.1	0.0	33.2

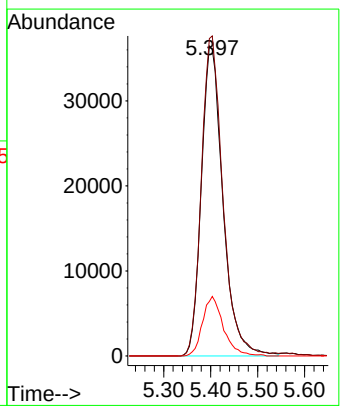


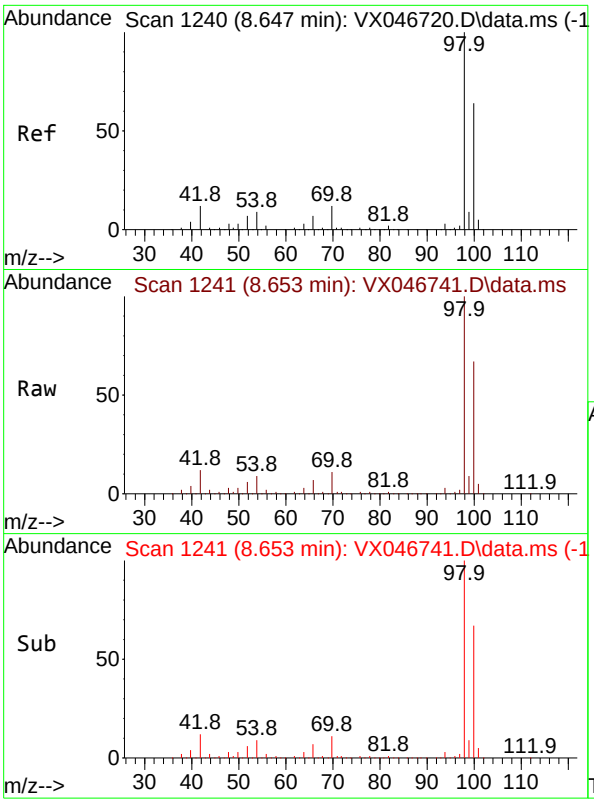


#35
Dibromofluoromethane
Concen: 48.824 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Tgt Ion:113 Resp: 116221

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	18.6	15.3	22.9



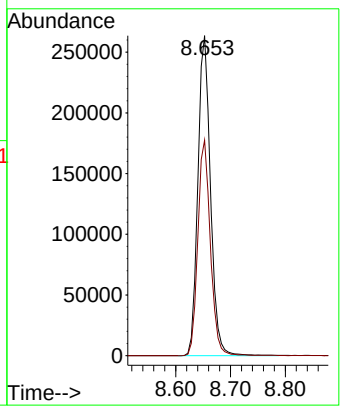


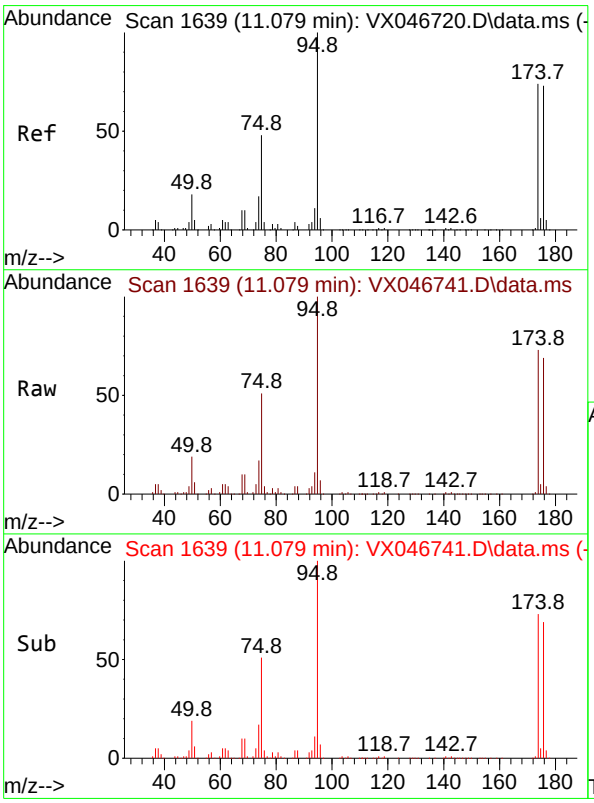
#50
Toluene-d8
Concen: 49.363 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250616

Tgt Ion: 98 Resp: 422168

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4

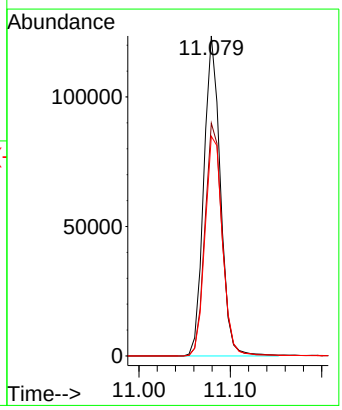


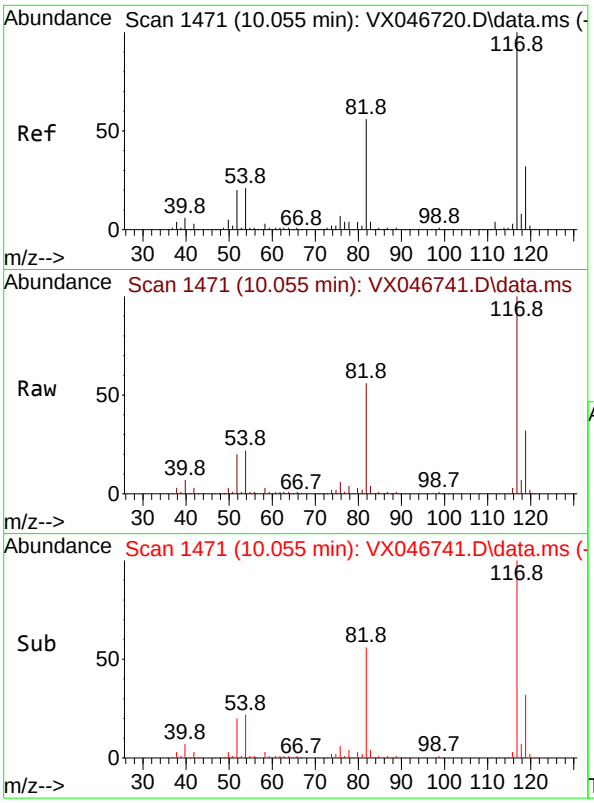


#62
4-Bromofluorobenzene
Concen: 48.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Tgt Ion: 95 Resp: 155379

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.4
176	72.9	0.0	145.0



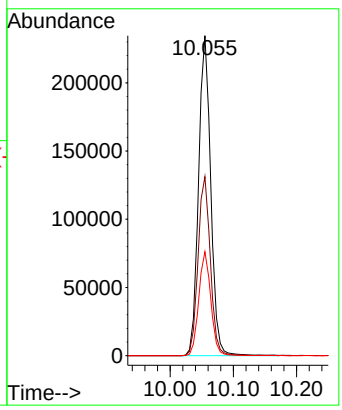


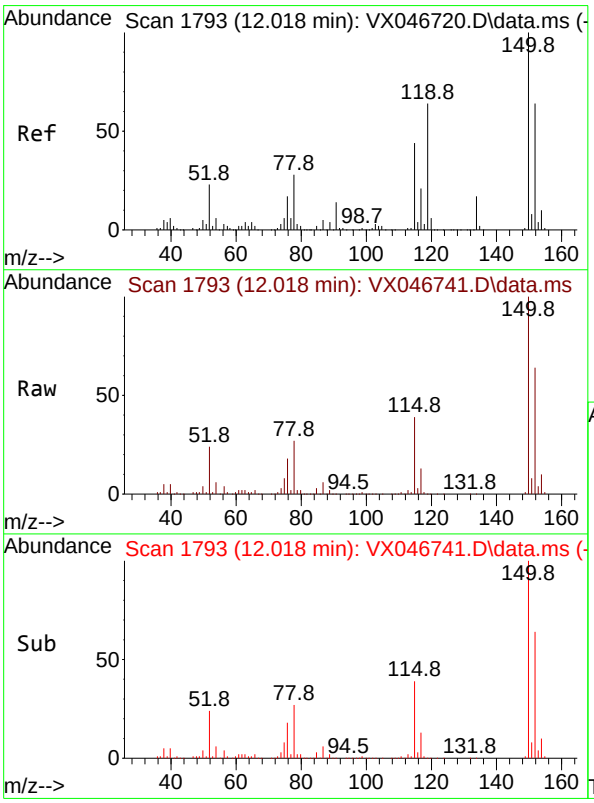
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250616

Tgt Ion:117 Resp: 315084

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.6	66.8
119	32.5	25.8	38.8

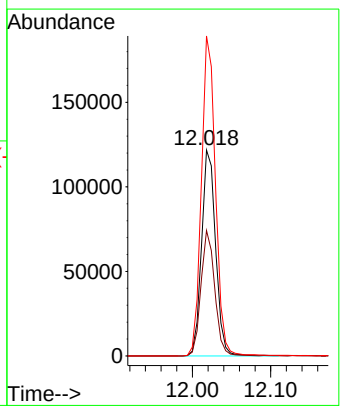




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046741.D
Acq: 18 Jun 2025 14:41

Tgt Ion:152 Resp: 151979

Ion	Ratio	Lower	Upper
152	100		
115	59.7	43.2	129.6
150	155.4	0.0	346.8



Raw Data: **VX046742.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-9-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-12	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046742.D	1		06/18/25 15:03	VX061825

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: **VX046742.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-9-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-12	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046742.D	1		06/18/25 15:03	VX061825

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	48.2		81 - 118		96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	50.0		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		85 - 114		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	134000	5.568				
540-36-3	1,4-Difluorobenzene	223000	6.775				
3114-55-4	Chlorobenzene-d5	199000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	94600	12.018				

Raw Data: **VX046742.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-9-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-12	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046742.D	1		06/18/25 15:03	VX061825

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\VX061825\
Data File : VX046742.D
Acq On : 18 Jun 2025 15:03
Operator : JC/MD
Sample : Q2345-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

Quant Time: Jun 19 01:25:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	133892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	222699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	89336	48.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.480%			
35) Dibromofluoromethane	5.403	113	72980	49.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.060%			
50) Toluene-d8	8.653	98	264875	50.035	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.080%			
62) 4-Bromofluorobenzene	11.079	95	96247	48.774	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.540%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	431	0.279	ug/l	97

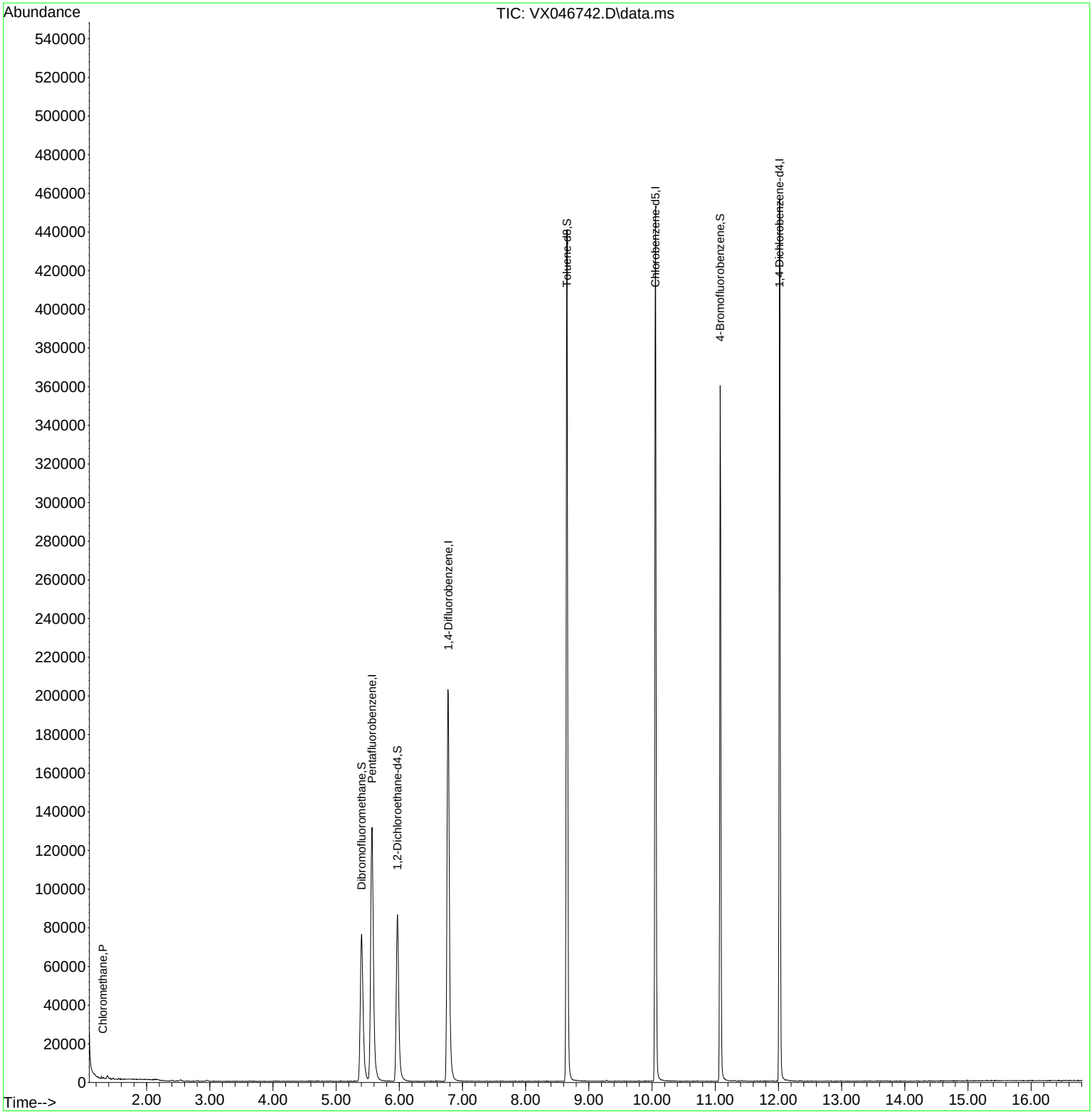
(#) = qualifier out of range (m) = manual integration (+) = signals summed

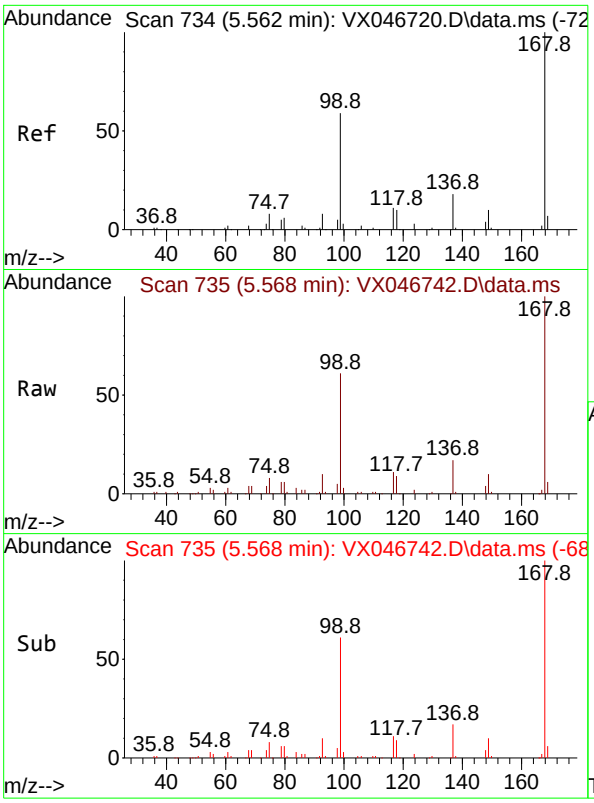
Sample Results: **VX046742.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046742.D
Acq On : 18 Jun 2025 15:03
Operator : JC/MD
Sample : Q2345-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

Quant Time: Jun 19 01:25:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



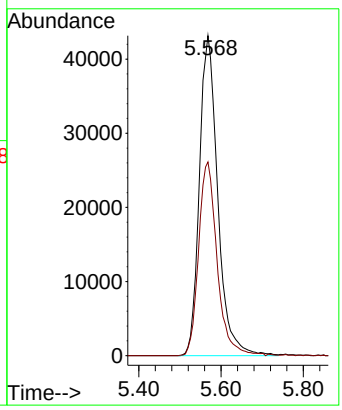


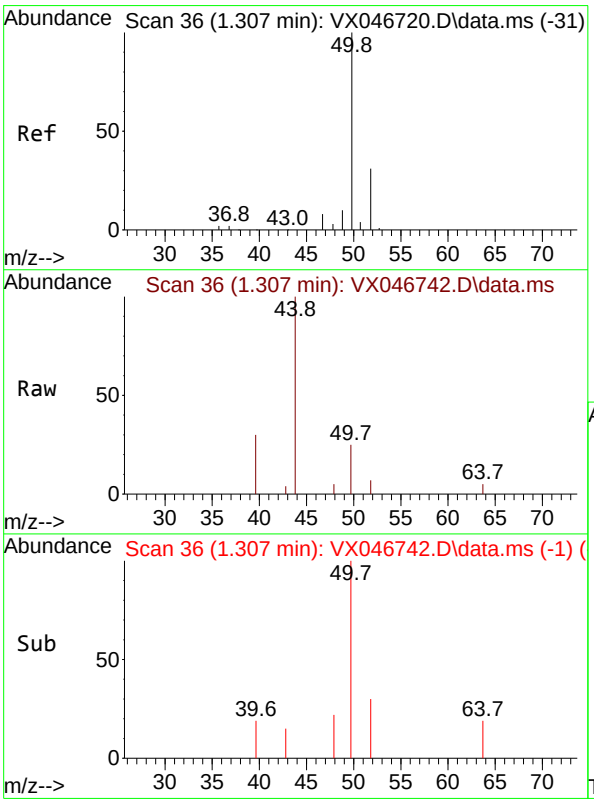
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

Tgt Ion:168 Resp: 133892

Ion	Ratio	Lower	Upper
168	100		
99	60.6	48.5	72.7

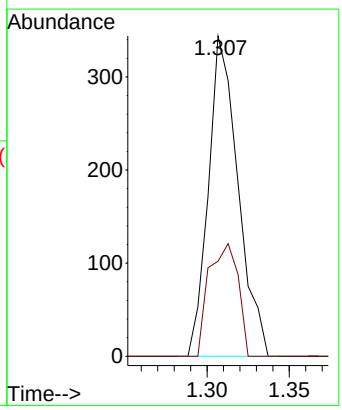


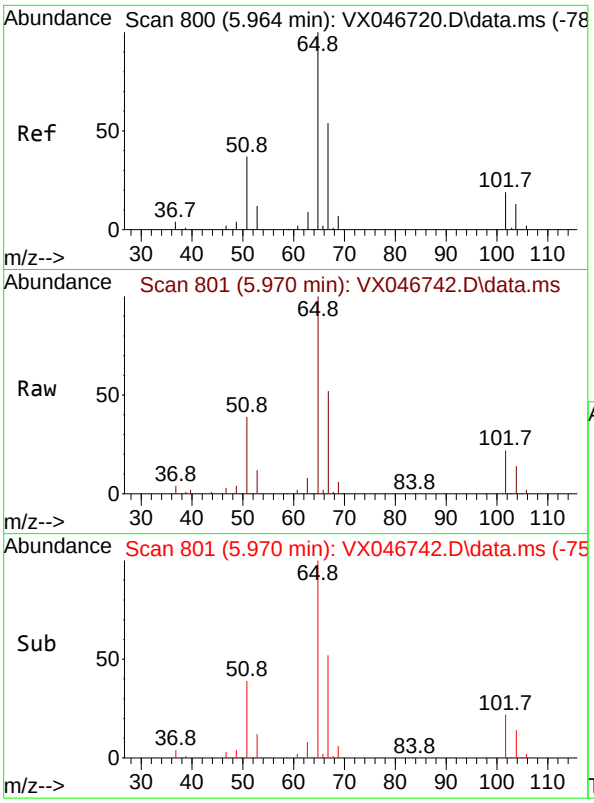


#3
Chloromethane
Concen: 0.279 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion: 50 Resp: 431

Ion	Ratio	Lower	Upper
50	100		
52	29.7	24.9	37.3



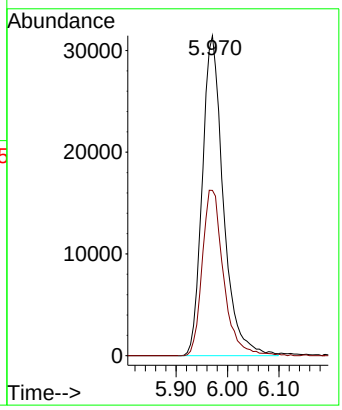


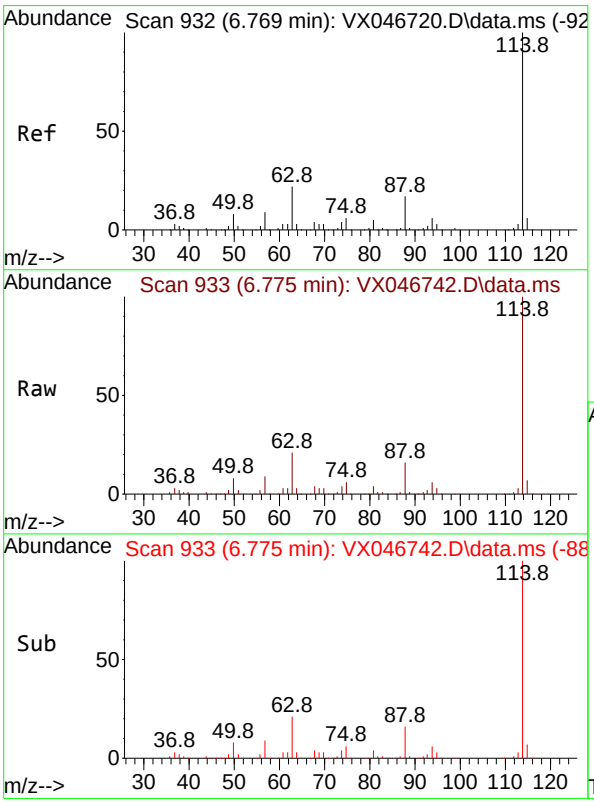
#33
1,2-Dichloroethane-d4
Concen: 48.238 ug/l
RT: 5.970 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

Tgt Ion: 65 Resp: 89336

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.4

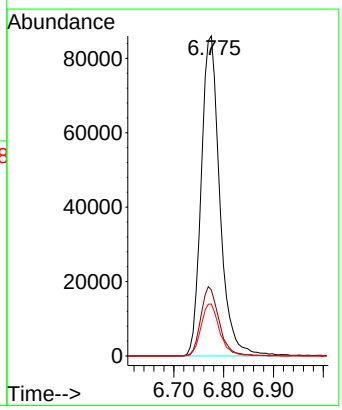


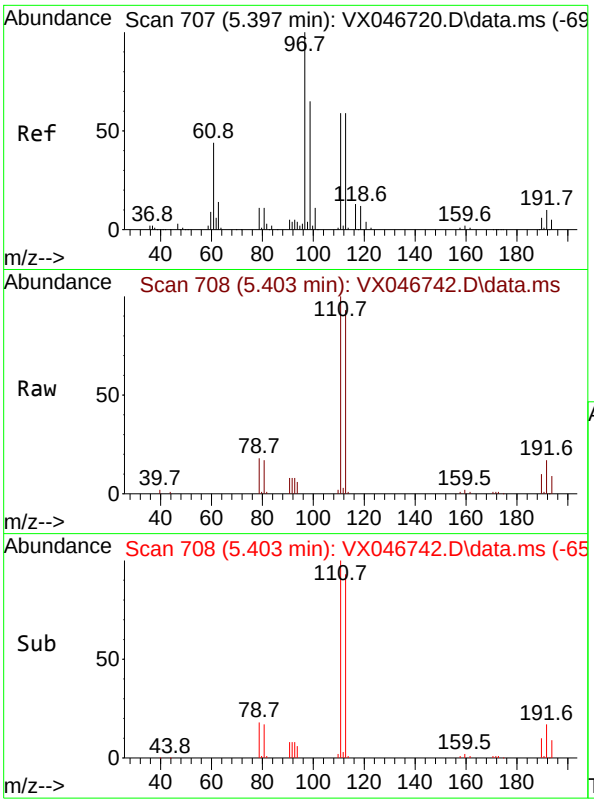


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion:114 Resp: 222699

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.2
88	16.3	0.0	33.2



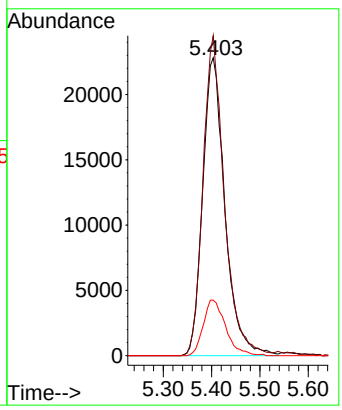


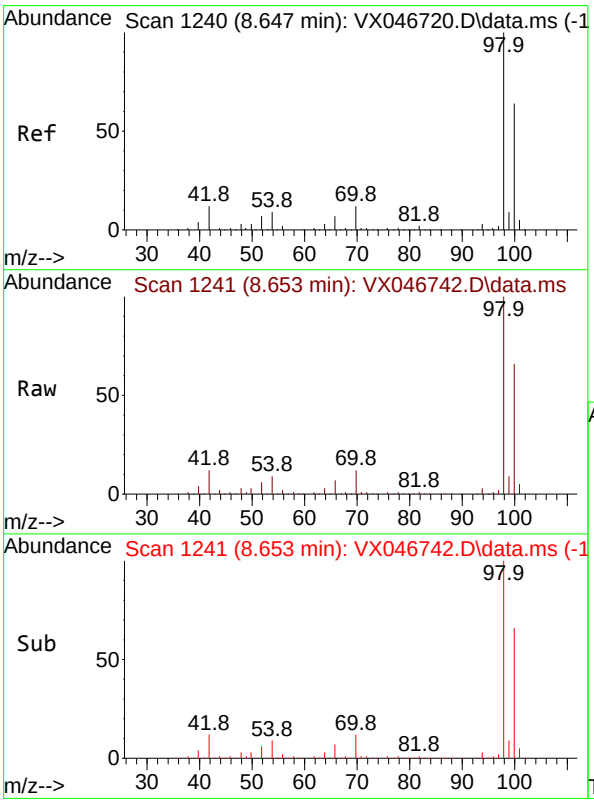
#35
Dibromofluoromethane
Concen: 49.530 ug/l
RT: 5.403 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

Tgt Ion:113 Resp: 72980

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	18.8	15.3	22.9

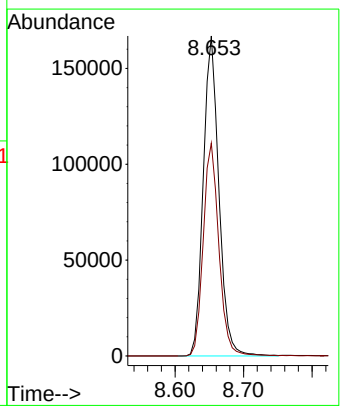


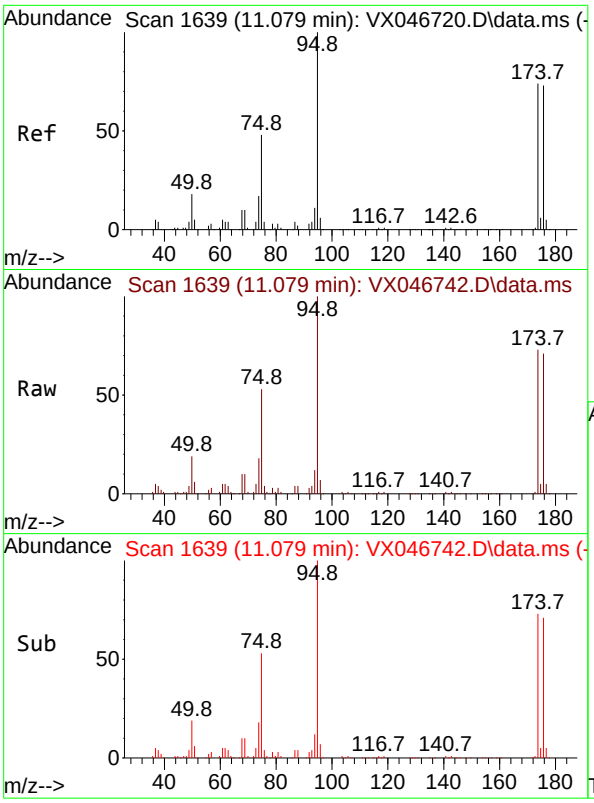


#50
Toluene-d8
Concen: 50.035 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion: 98 Resp: 264875

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4



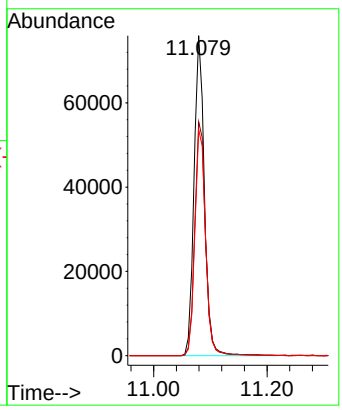


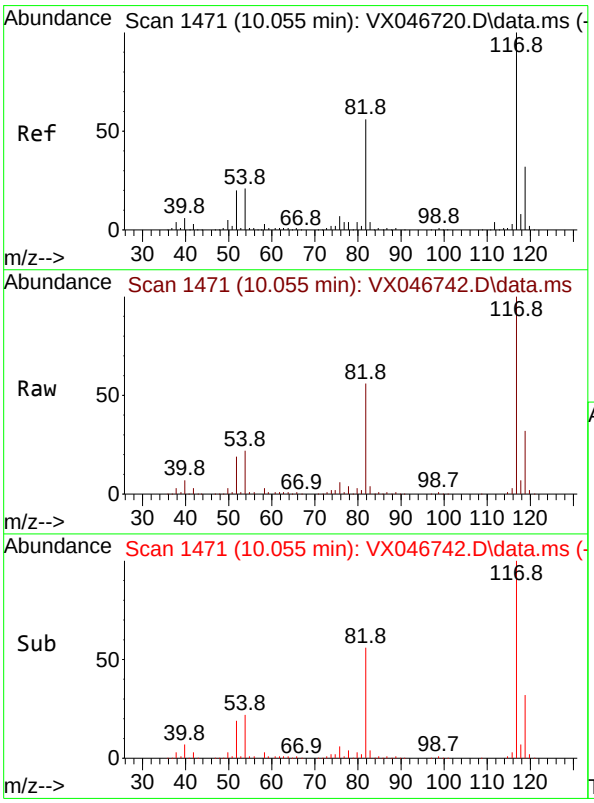
#62
4-Bromofluorobenzene
Concen: 48.774 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

Tgt Ion: 95 Resp: 96247

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	150.4
176	73.3	0.0	145.0

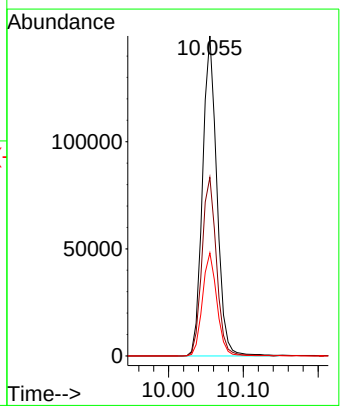


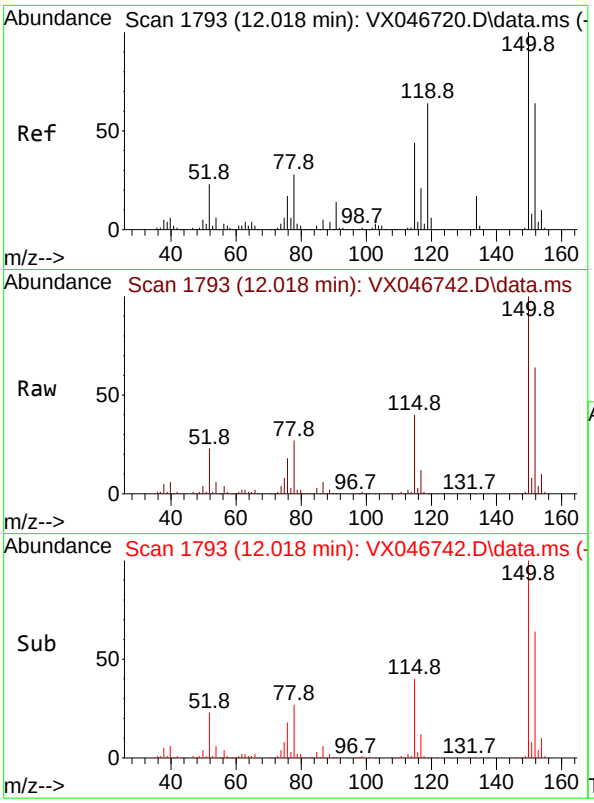


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion:117 Resp: 198876

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	66.8
119	32.2	25.8	38.8



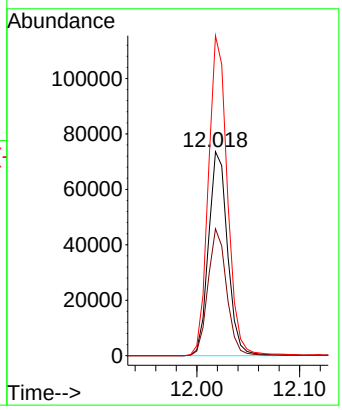


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

Tgt Ion:152 Resp: 94577

Ion	Ratio	Lower	Upper
152	100		
115	61.3	43.2	129.6
150	157.1	0.0	346.8



Raw Data: **VX046743.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:	06/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	TT189D2-20250617	SDG No.:	Q2345
Lab Sample ID:	Q2345-13	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046743.D	1		06/18/25 15:24	VX061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.42	J	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	12.4		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.80	J	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	1.70		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	58.6		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:	06/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	TT189D2-20250617	SDG No.:	Q2345
Lab Sample ID:	Q2345-13	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046743.D	1		06/18/25 15:24	VX061825

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	0.34	J	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	47.2		81 - 118		94%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	48.8		89 - 112		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		85 - 114		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	218000	5.568				
540-36-3	1,4-Difluorobenzene	358000	6.769				
3114-55-4	Chlorobenzene-d5	312000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	149000	12.018				

Raw Data: **VX046743.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:	06/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	TT189D2-20250617	SDG No.:	Q2345
Lab Sample ID:	Q2345-13	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046743.D	1		06/18/25 15:24	VX061825

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\VX061825\
Data File : VX046743.D
Acq On : 18 Jun 2025 15:24
Operator : JC/MD
Sample : Q2345-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250617

Quant Time: Jun 19 01:25:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	217878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	358276	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	149381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	142368	47.241	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.480%		
35) Dibromofluoromethane	5.397	113	116087	48.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.940%		
50) Toluene-d8	8.653	98	415275	48.761	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.520%		
62) 4-Bromofluorobenzene	11.079	95	153648	48.398	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	968	0.416	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.349	101	30874	12.379	ug/l	99
12) 1,1-Dichloroethene	2.337	96	1932	0.803	ug/l	96
27) cis-1,2-Dichloroethene	4.507	96	5156	1.704	ug/l	91
44) Trichloroethene	7.135	130	151205	58.588	ug/l	99
64) Tetrachloroethene	9.281	164	724	0.335	ug/l	86

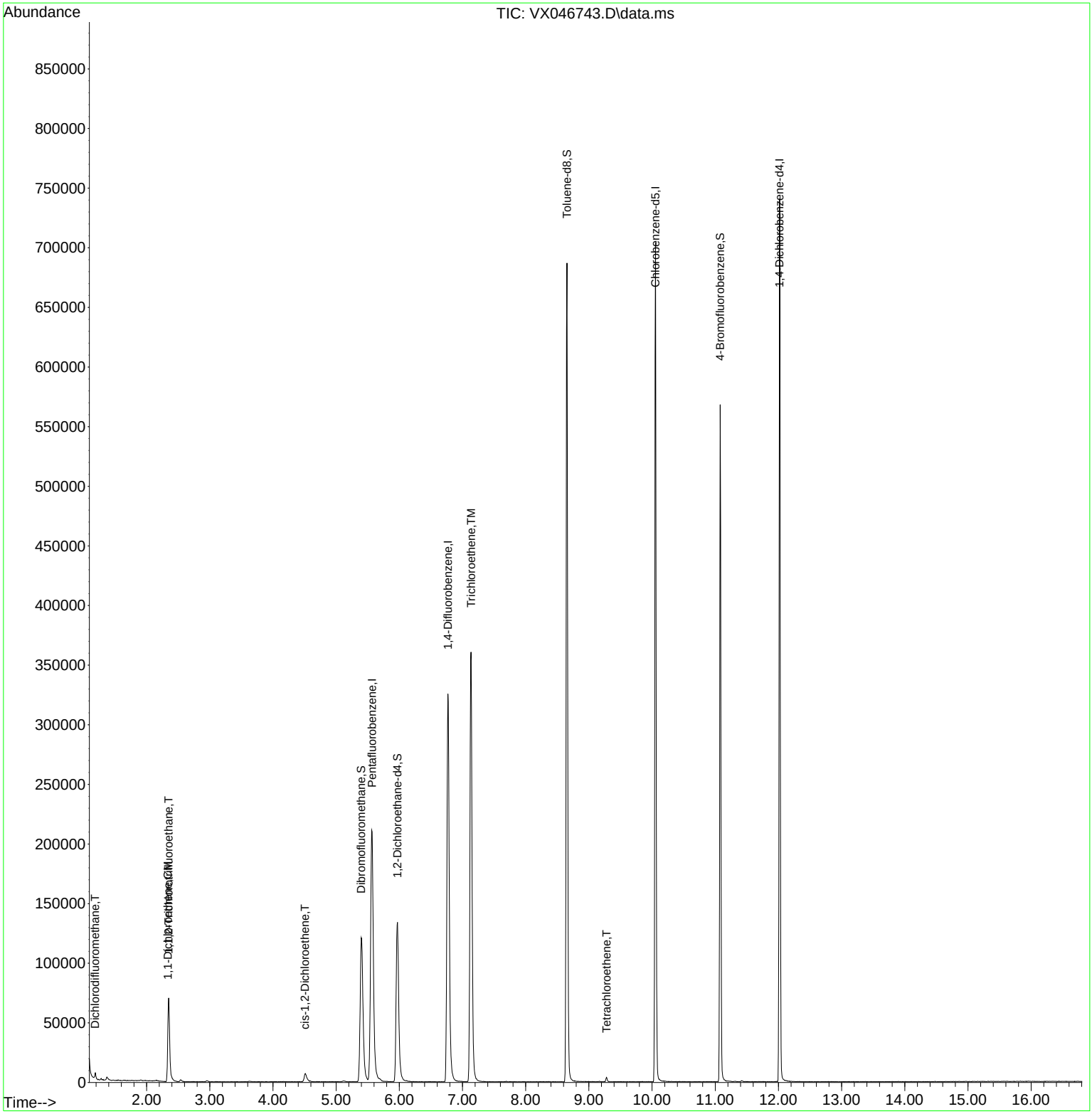
(#) = qualifier out of range (m) = manual integration (+) = signals summed

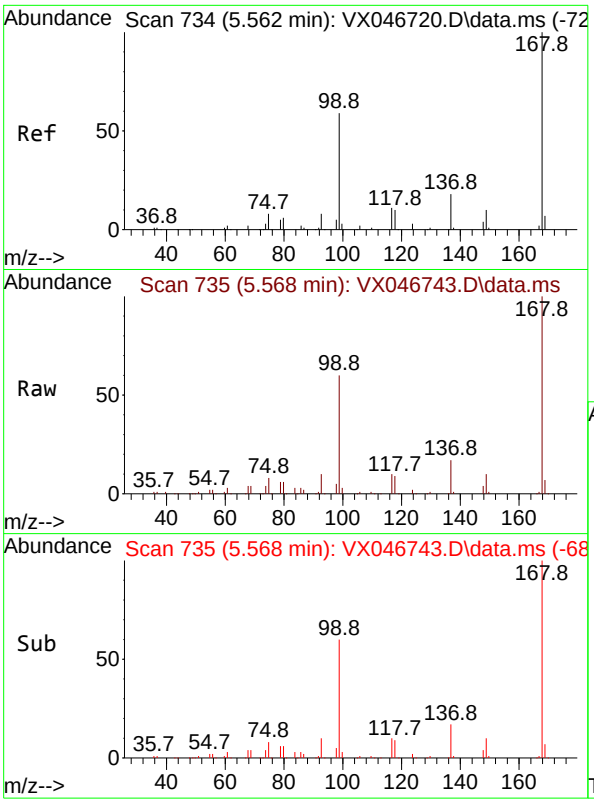
Sample Results: **VX046743.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046743.D
Acq On : 18 Jun 2025 15:24
Operator : JC/MD
Sample : Q2345-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250617

Quant Time: Jun 19 01:25:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



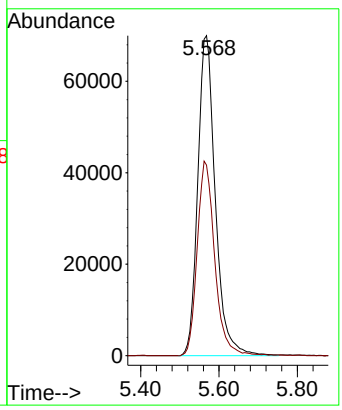


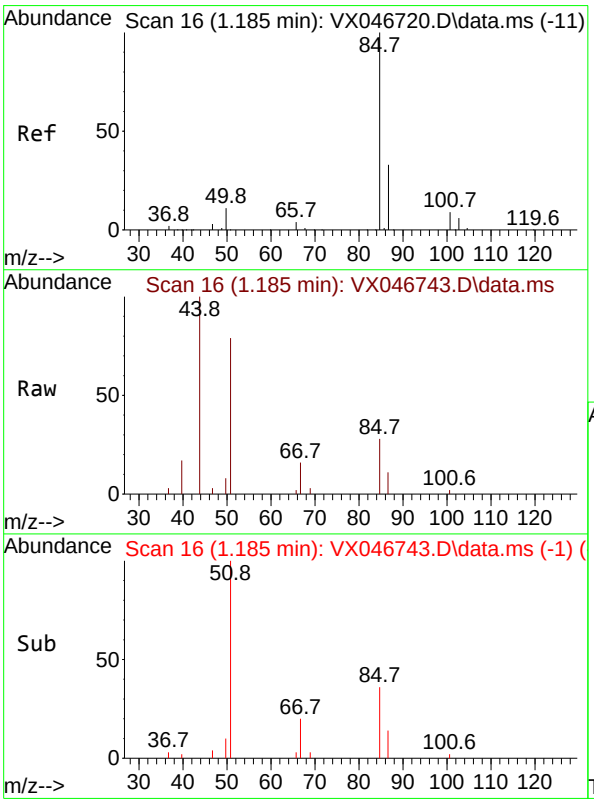
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250617

Tgt Ion:168 Resp: 217878

Ion	Ratio	Lower	Upper
168	100		
99	59.5	48.5	72.7

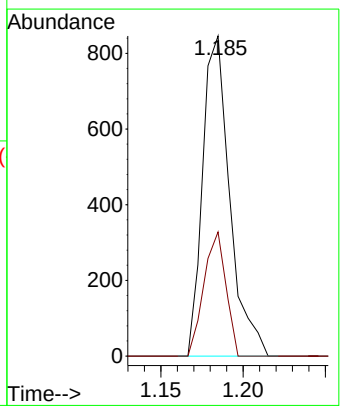


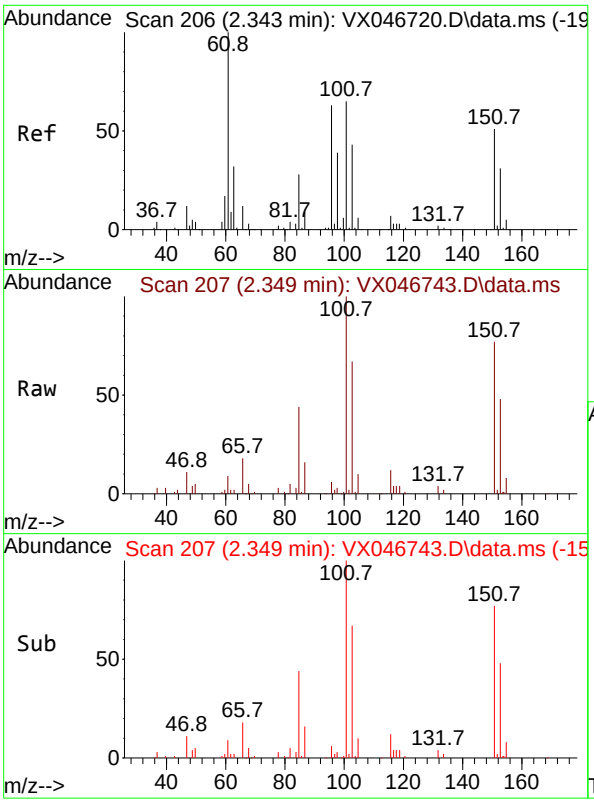


#2
Dichlorodifluoromethane
Concen: 0.416 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Tgt Ion: 85 Resp: 968

Ion	Ratio	Lower	Upper
85	100		
87	38.8	16.6	49.8



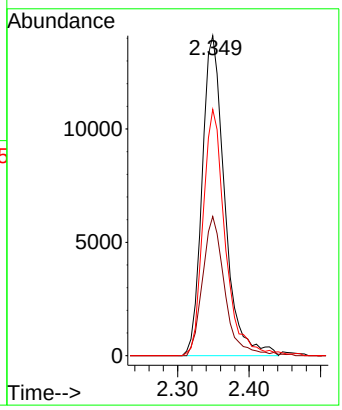


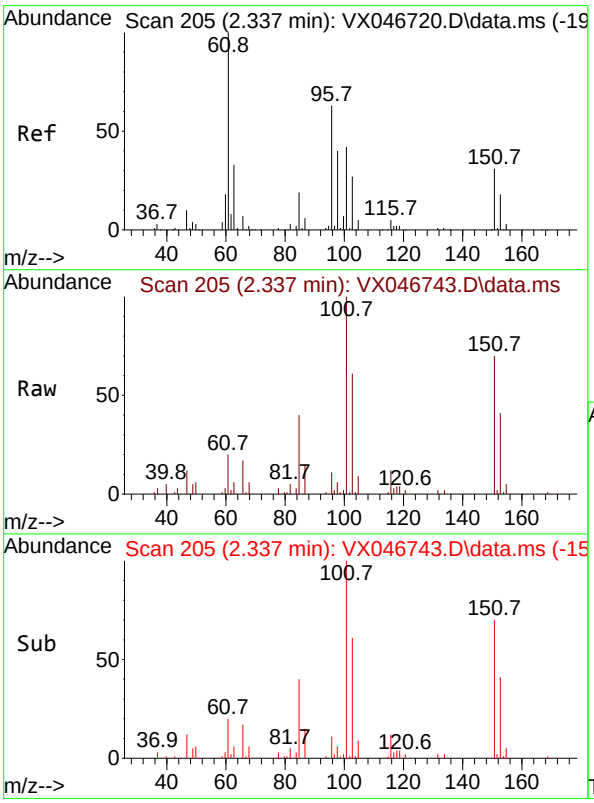
#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.379 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250617

Tgt Ion:101 Resp: 30874

Ion	Ratio	Lower	Upper
101	100		
85	42.9	35.4	53.0
151	76.0	61.2	91.8

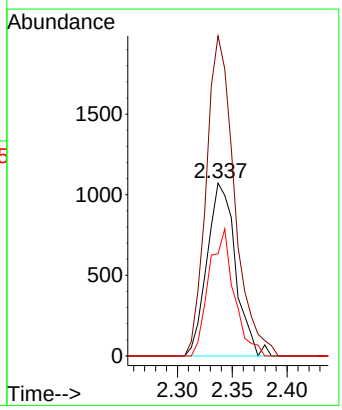


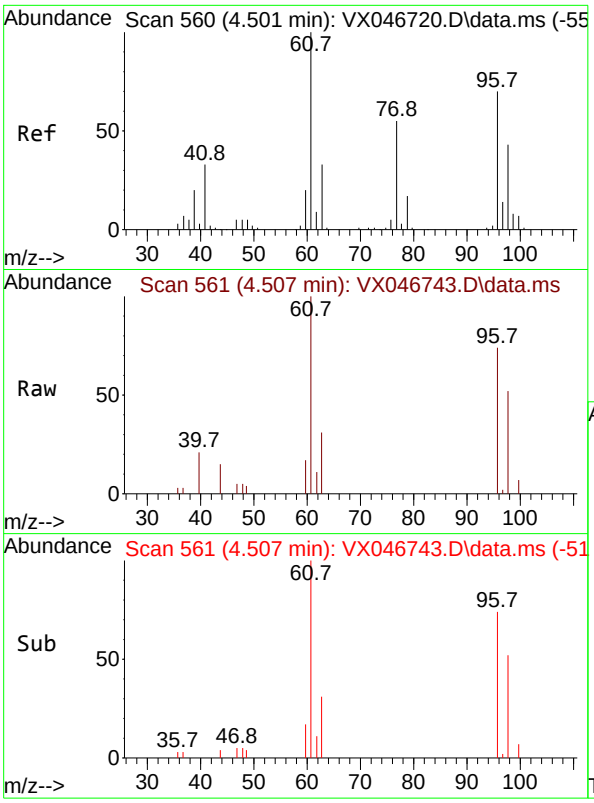


#12
1,1-Dichloroethene
Concen: 0.803 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Tgt Ion: 96 Resp: 1932

Ion	Ratio	Lower	Upper
96	100		
61	159.7	126.6	189.8
98	55.3	50.7	76.1



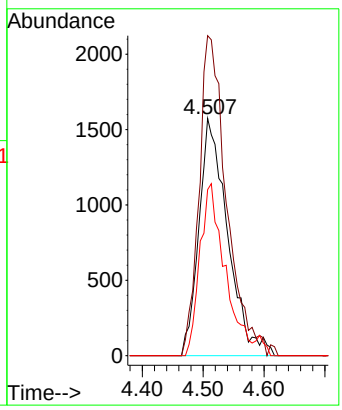


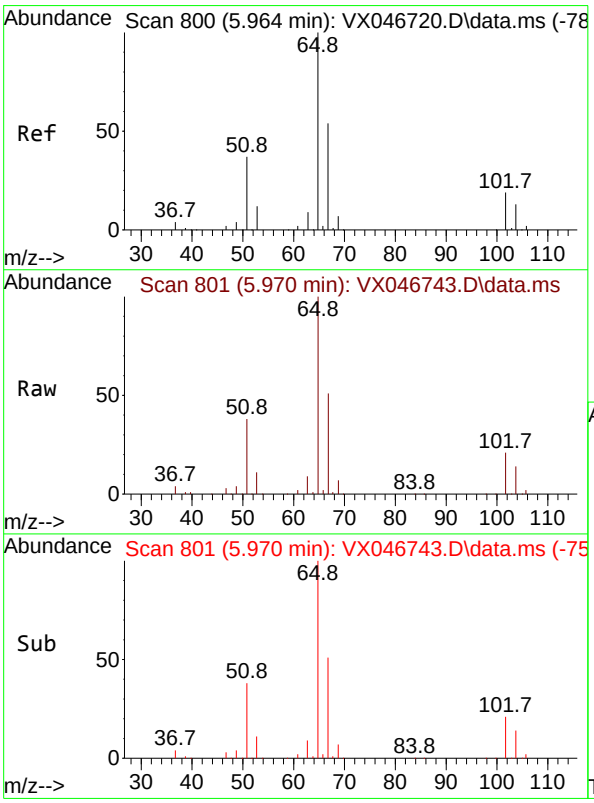
#27
cis-1,2-Dichloroethene
Concen: 1.704 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250617

Tgt Ion: 96 Resp: 5156

Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	291.0
98	63.2	0.0	126.8

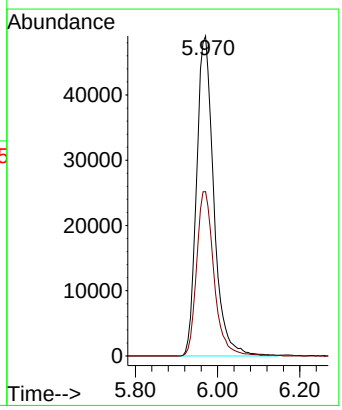


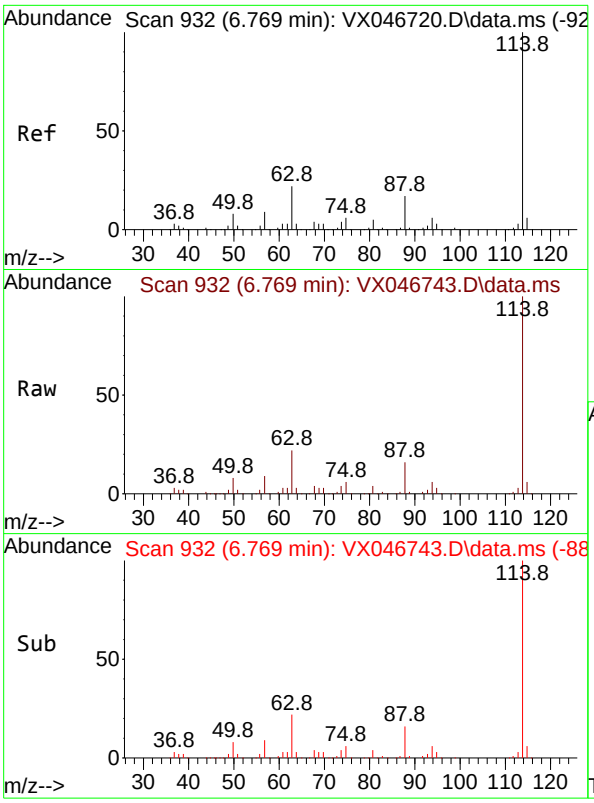


#33
1,2-Dichloroethane-d4
Concen: 47.241 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Tgt Ion: 65 Resp: 142368

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.4



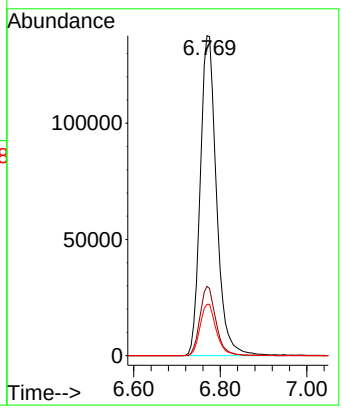


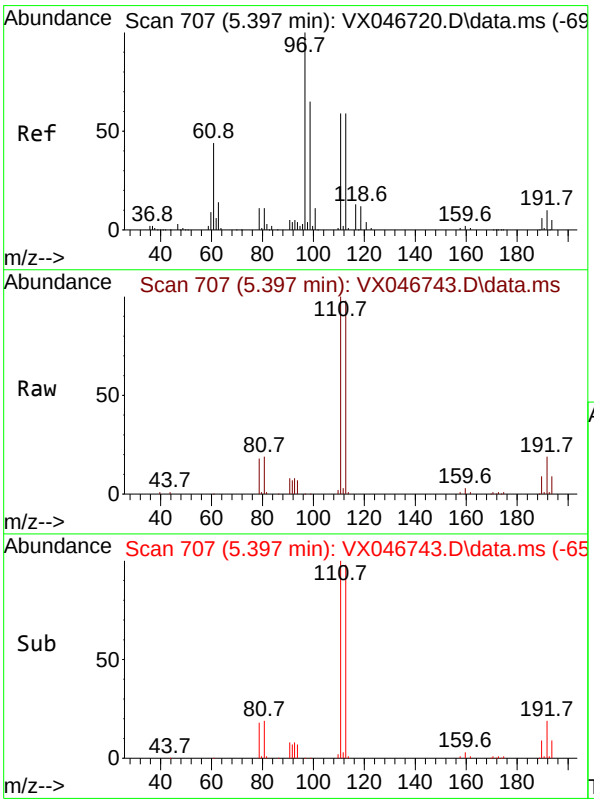
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250617

Tgt Ion:114 Resp: 358276

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.2
88	16.1	0.0	33.2

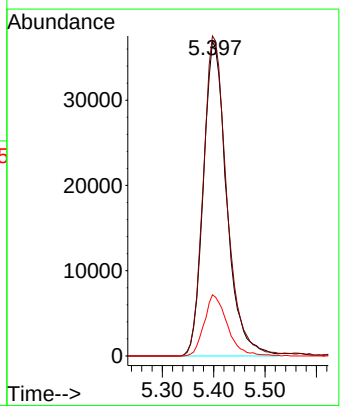


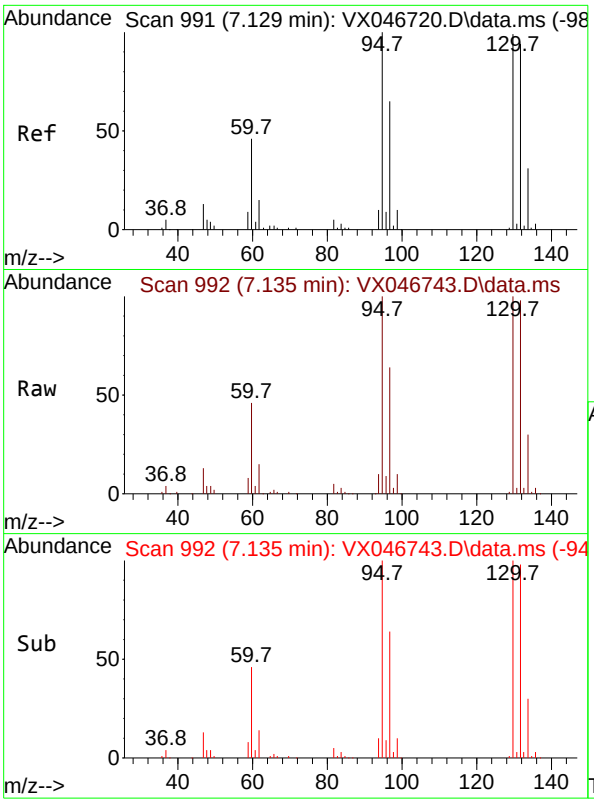


#35
Dibromofluoromethane
Concen: 48.972 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Tgt Ion:113 Resp: 116087

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	19.3	15.3	22.9



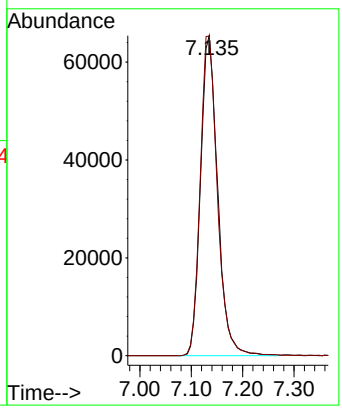


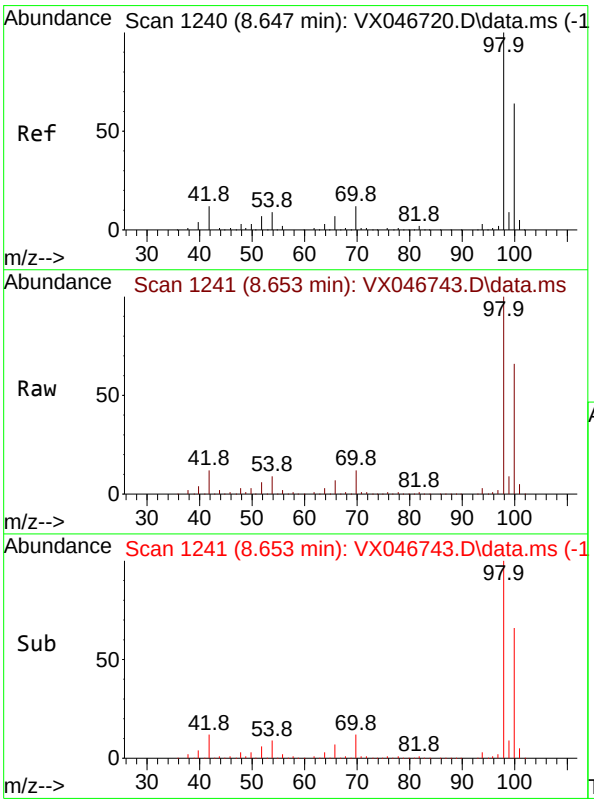
#44
Trichloroethene
Concen: 58.588 ug/l
RT: 7.135 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250617

Tgt Ion:130 Resp: 151205

Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	202.6

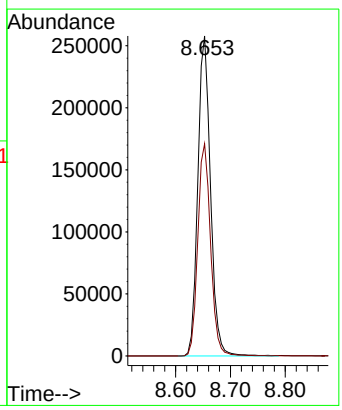


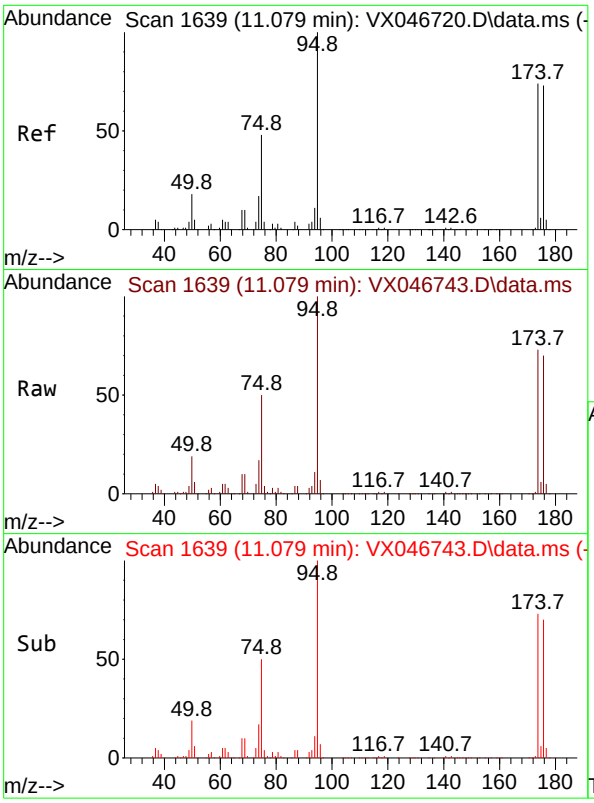


#50
Toluene-d8
Concen: 48.761 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Tgt Ion: 98 Resp: 415275

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.4



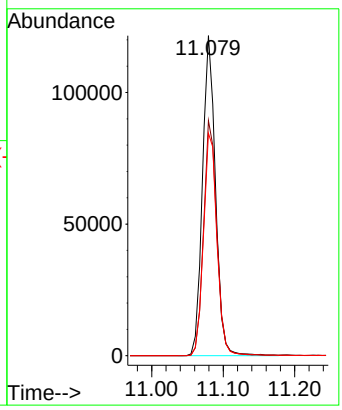


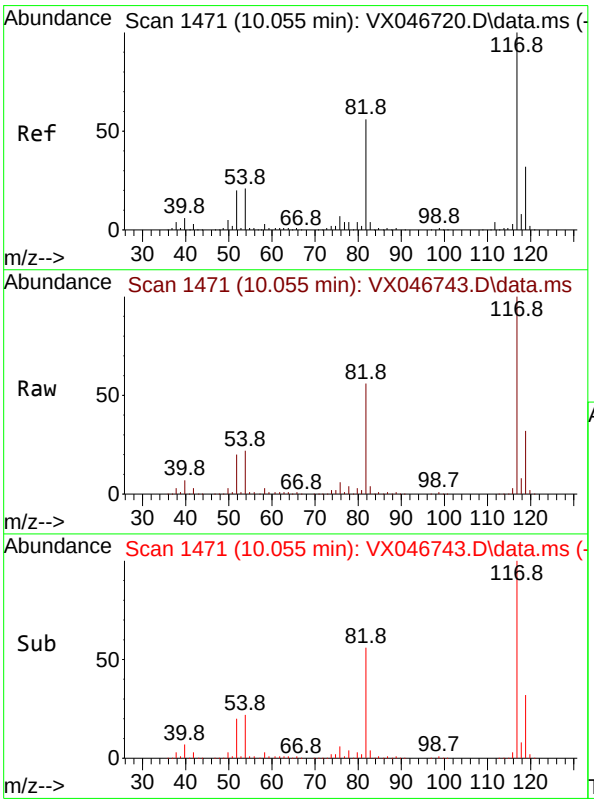
#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250617

Tgt Ion: 95 Resp: 153648

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	150.4
176	72.1	0.0	145.0

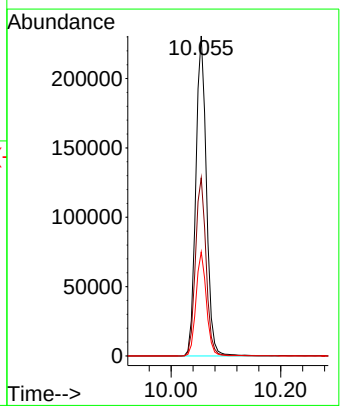


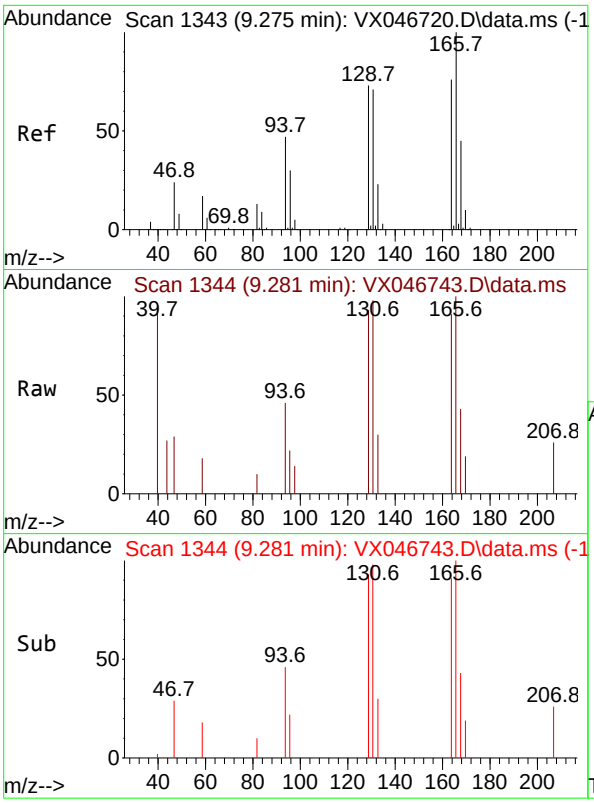


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Tgt Ion:117 Resp: 311829

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.6	66.8
119	32.5	25.8	38.8



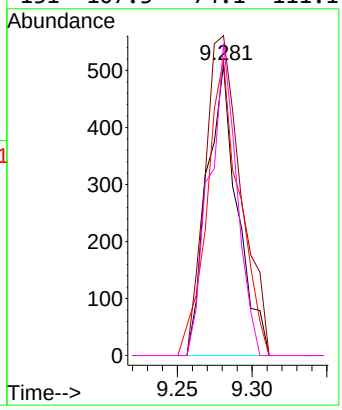


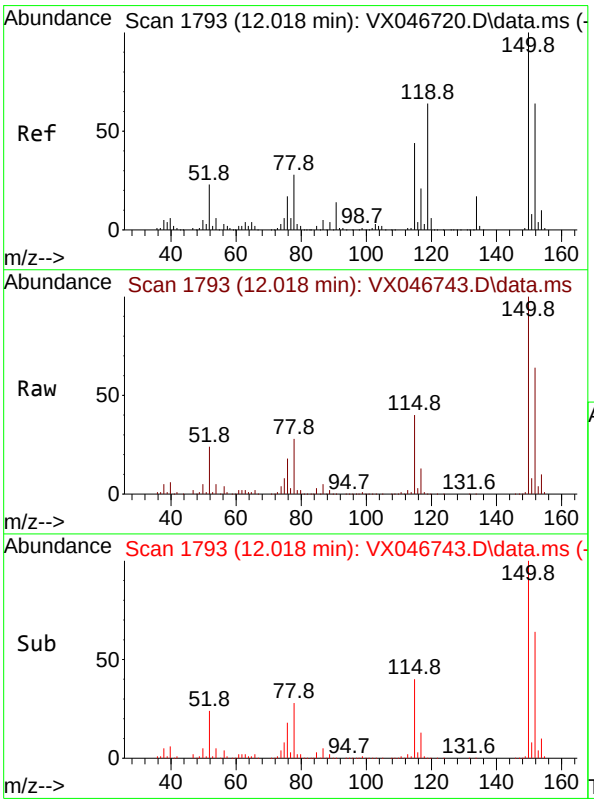
#64
Tetrachloroethene
Concen: 0.335 ug/l
RT: 9.281 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250617

Tgt Ion:164 Resp: 724

Ion	Ratio	Lower	Upper
164	100		
166	110.0	104.6	157.0
129	101.8	76.3	114.5
131	107.3	74.1	111.1

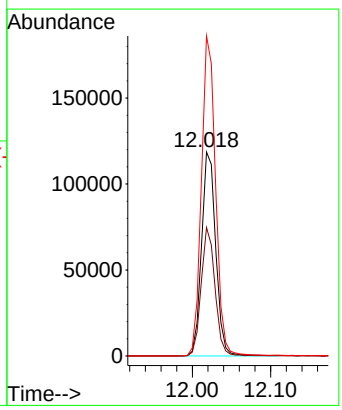




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Tgt Ion:152 Resp: 149381

Ion	Ratio	Lower	Upper
152	100		
115	61.5	43.2	129.6
150	156.2	0.0	346.8



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:	06/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	TT150S1-20250617	SDG No.:	Q2345
Lab Sample ID:	Q2345-14	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046744.D	1		06/18/25 15:46	VX061825

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	11.1		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:	06/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	TT150S1-20250617	SDG No.:	Q2345
Lab Sample ID:	Q2345-14	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046744.D	1		06/18/25 15:46	VX061825

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	1.30		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	48.5		81 - 118		97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	49.8		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		85 - 114		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	129000	5.568				
540-36-3	1,4-Difluorobenzene	214000	6.769				
3114-55-4	Chlorobenzene-d5	193000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	94000	12.018				

Raw Data: **VX046744.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:	06/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	TT150S1-20250617	SDG No.:	Q2345
Lab Sample ID:	Q2345-14	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046744.D	1		06/18/25 15:46	VX061825

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\VX061825\
Data File : VX046744.D
Acq On : 18 Jun 2025 15:46
Operator : JC/MD
Sample : Q2345-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250617

Quant Time: Jun 19 01:26:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

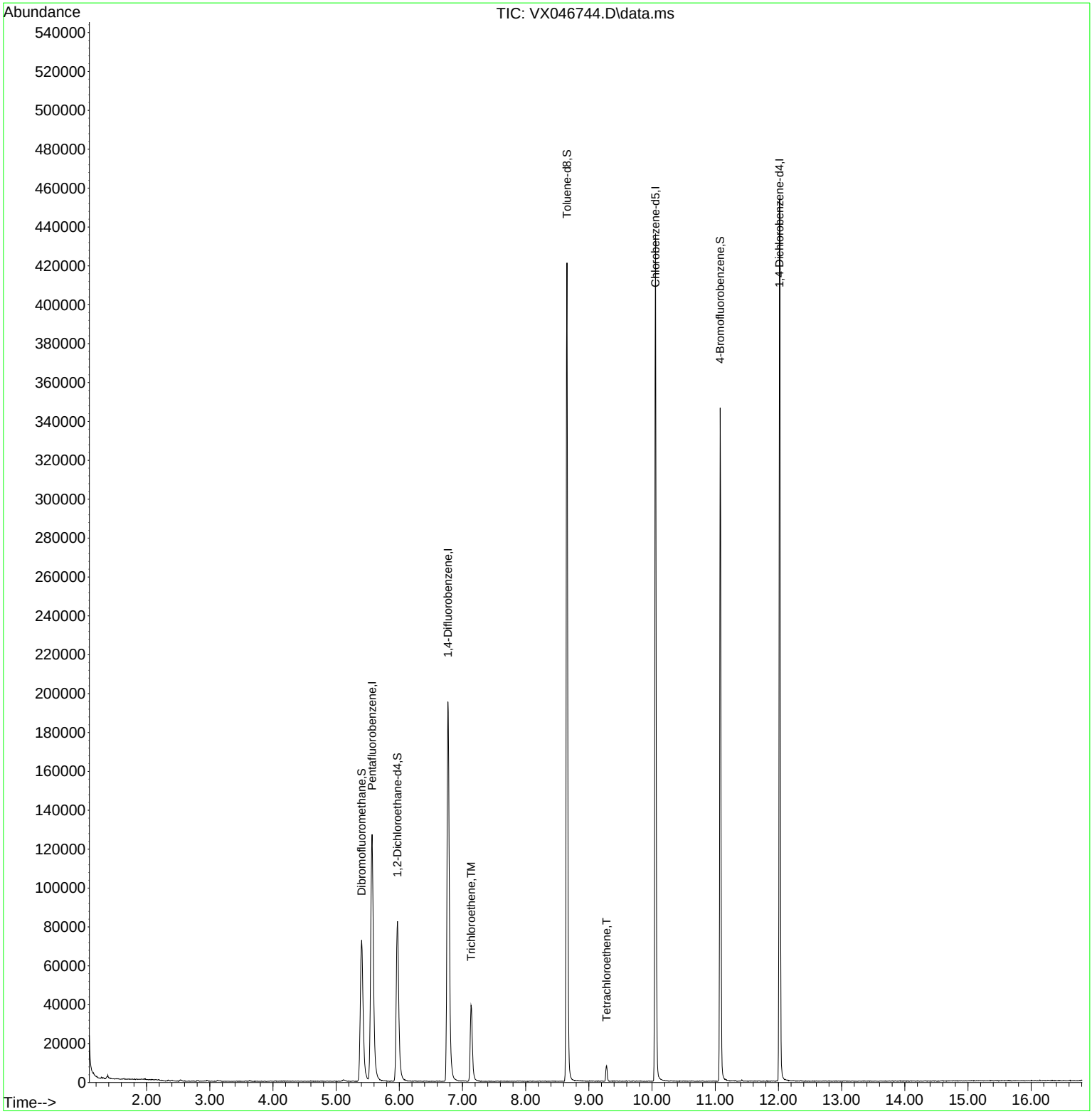
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	128949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	213744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	86474	48.483	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.960%			
35) Dibromofluoromethane	5.403	113	69660	49.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.653	98	252891	49.773	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.540%			
62) 4-Bromofluorobenzene	11.079	95	95267	50.300	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.600%			
Target Compounds						Qvalue
44) Trichloroethene	7.135	130	17127	11.124	ug/l	94
64) Tetrachloroethene	9.281	164	1771	1.327	ug/l	95

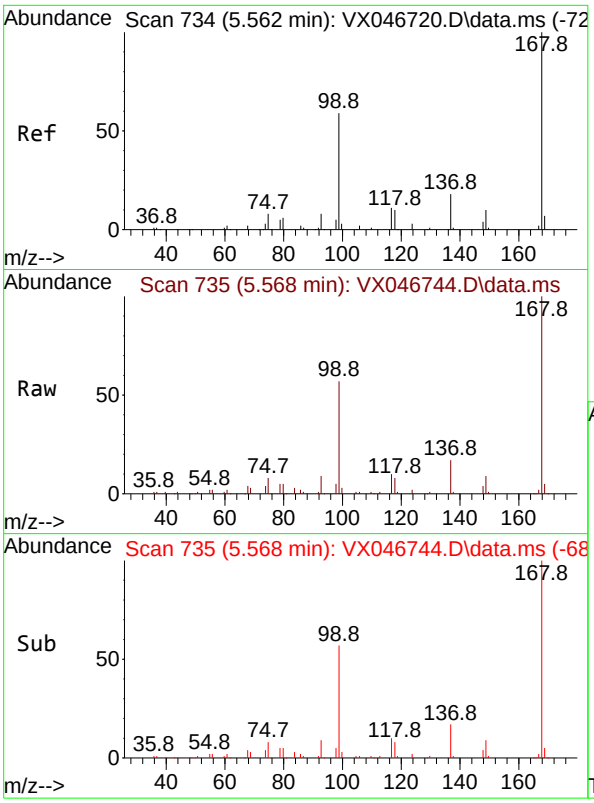
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046744.D
Acq On : 18 Jun 2025 15:46
Operator : JC/MD
Sample : Q2345-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250617

Quant Time: Jun 19 01:26:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



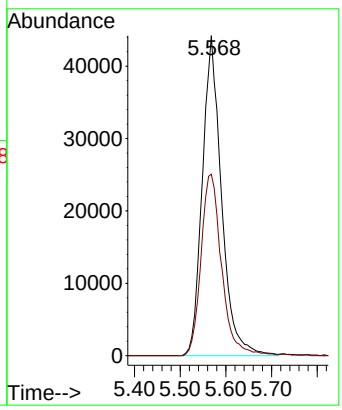


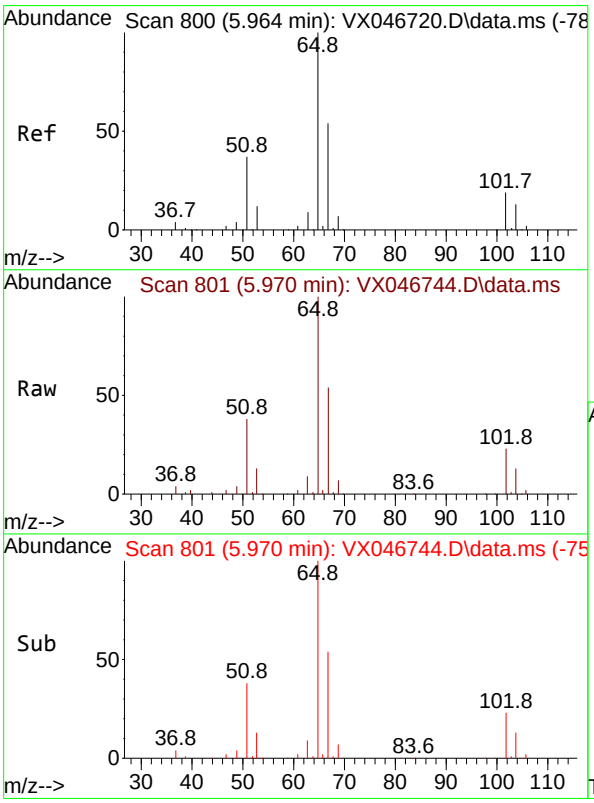
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046744.D
Acq: 18 Jun 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250617

Tgt Ion:168 Resp: 128949

Ion	Ratio	Lower	Upper
168	100		
99	56.7	48.5	72.7

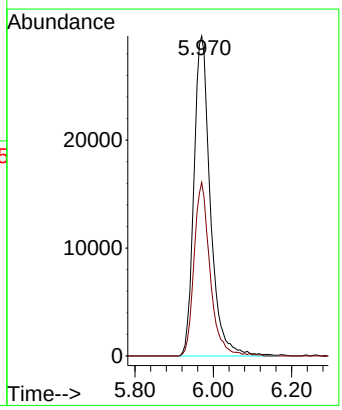


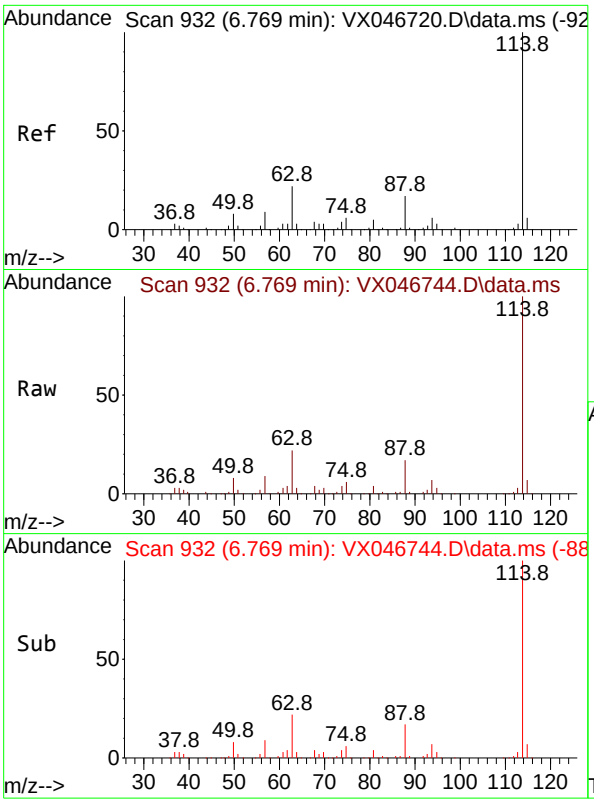


#33
1,2-Dichloroethane-d4
Concen: 48.483 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX046744.D
Acq: 18 Jun 2025 15:46

Tgt Ion: 65 Resp: 86474

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.4



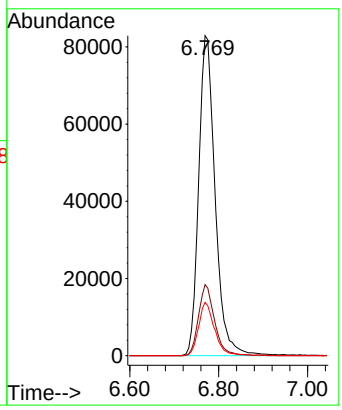


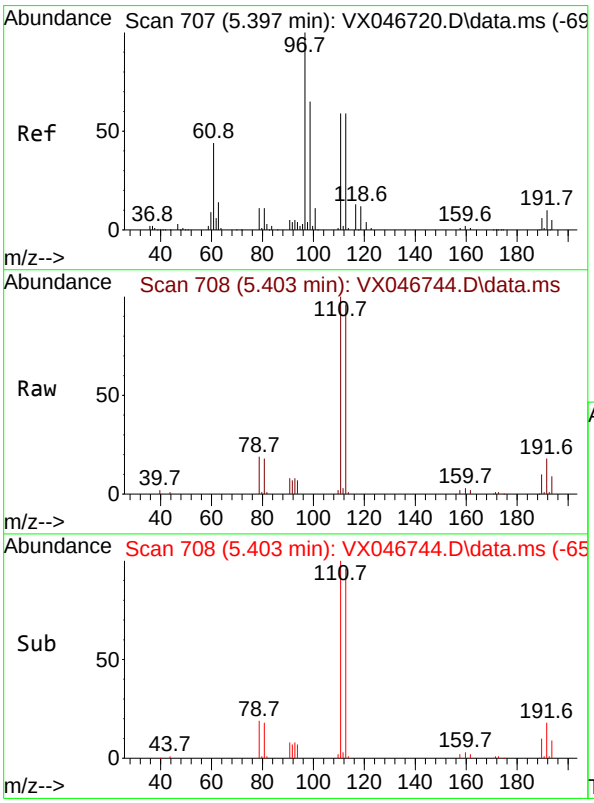
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046744.D
Acq: 18 Jun 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250617

Tgt Ion:114 Resp: 213744

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.2
88	16.6	0.0	33.2

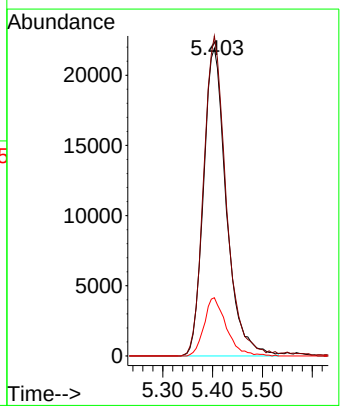


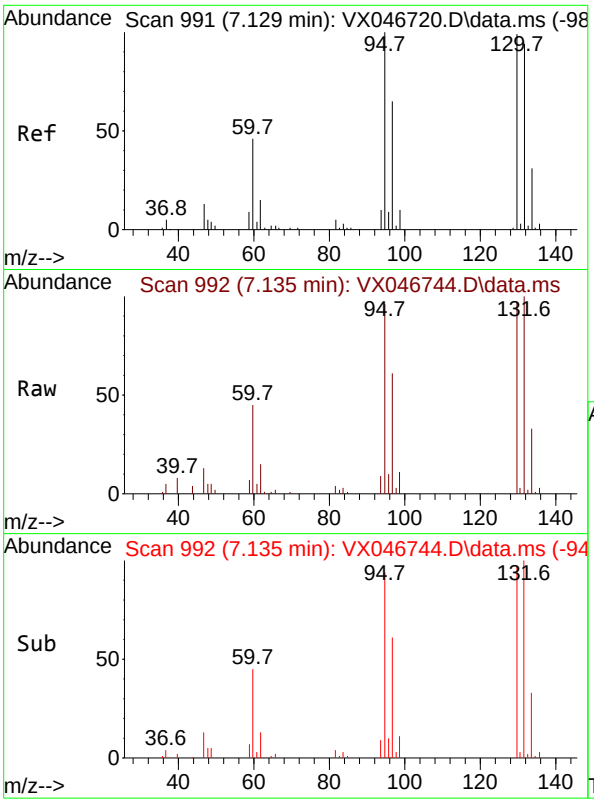


#35
Dibromofluoromethane
Concen: 49.258 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046744.D
Acq: 18 Jun 2025 15:46

Tgt Ion:113 Resp: 69660

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	18.5	15.3	22.9



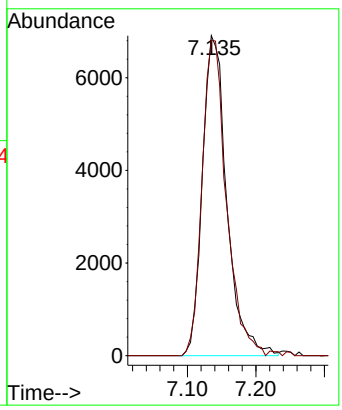


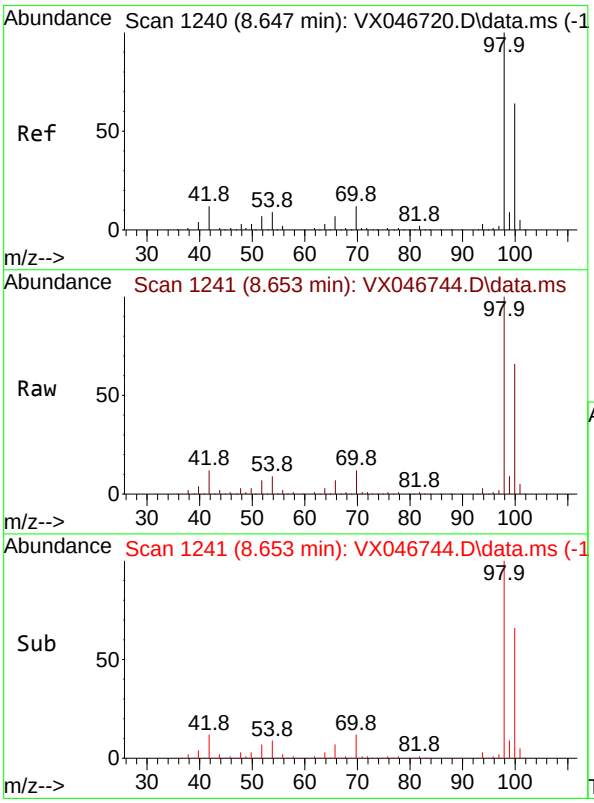
#44
Trichloroethene
Concen: 11.124 ug/l
RT: 7.135 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX046744.D
Acq: 18 Jun 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250617

Tgt Ion:130 Resp: 17127

Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	202.6

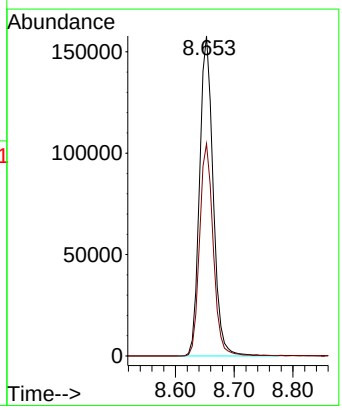


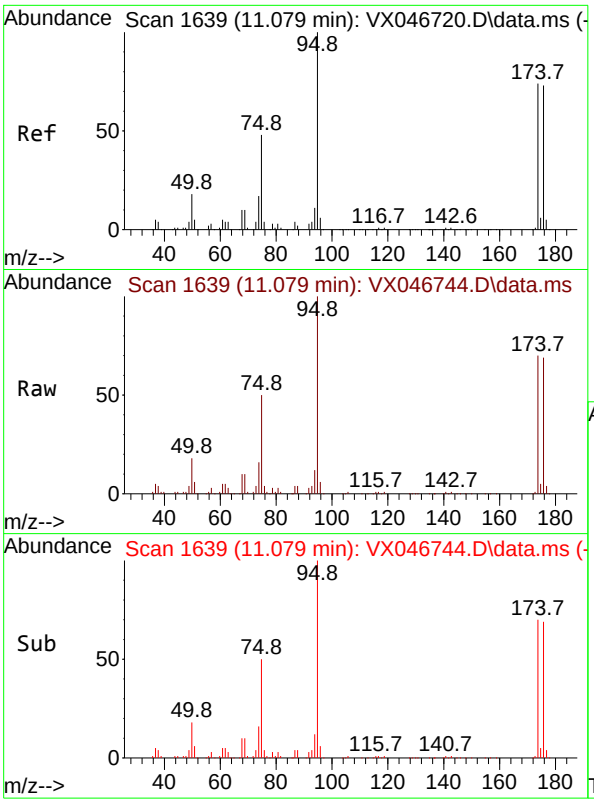


#50
Toluene-d8
Concen: 49.773 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046744.D
Acq: 18 Jun 2025 15:46

Tgt Ion: 98 Resp: 252891

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4



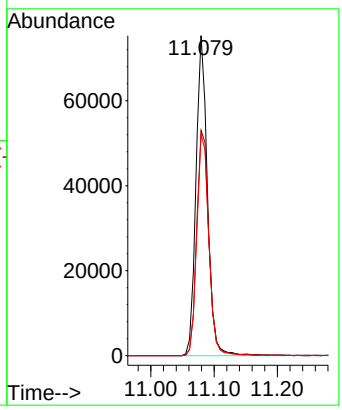


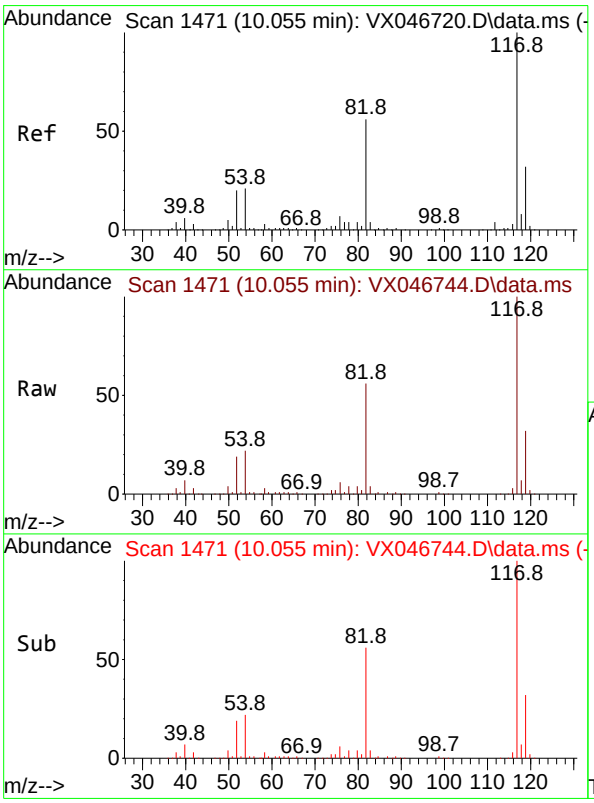
#62
4-Bromofluorobenzene
Concen: 50.300 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046744.D
Acq: 18 Jun 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250617

Tgt Ion: 95 Resp: 95267

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	150.4
176	72.8	0.0	145.0

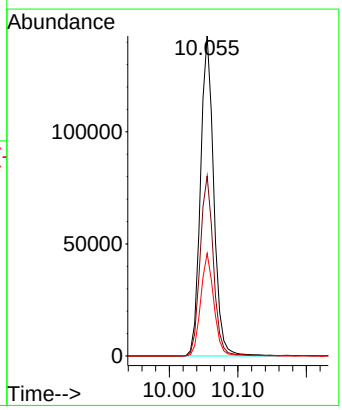


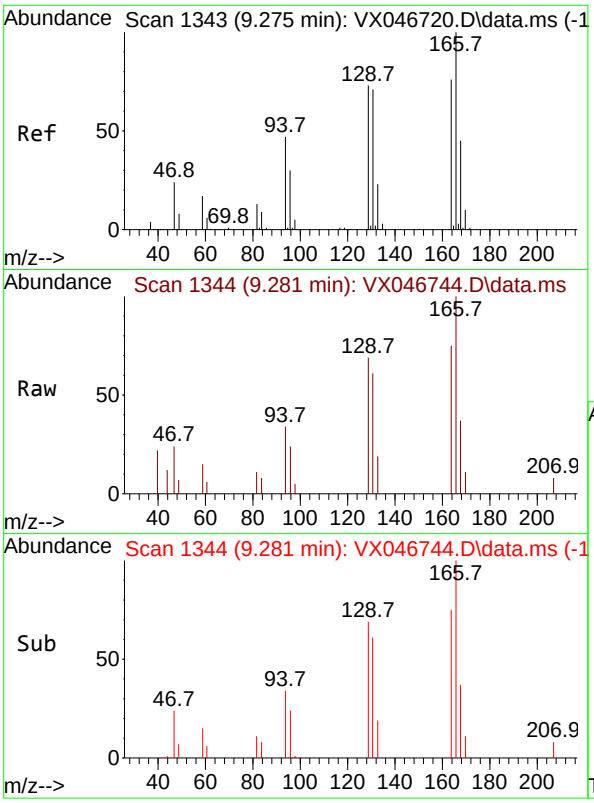


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046744.D
Acq: 18 Jun 2025 15:46

Tgt Ion:117 Resp: 192588

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.6	66.8
119	32.1	25.8	38.8



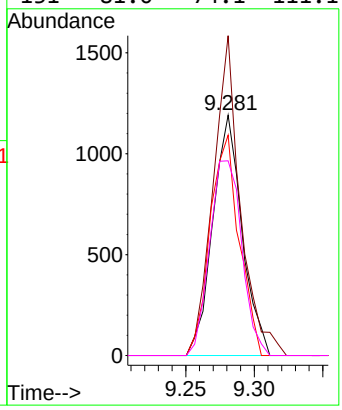


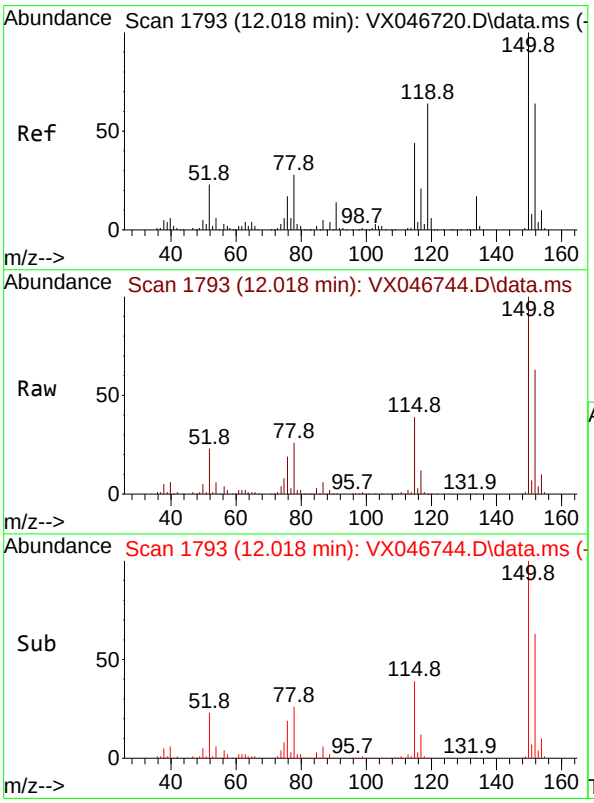
#64
Tetrachloroethene
Concen: 1.327 ug/l
RT: 9.281 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046744.D
Acq: 18 Jun 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250617

Tgt Ion:164 Resp: 1771

Ion	Ratio	Lower	Upper
164	100		
166	133.1	104.6	157.0
129	91.7	76.3	114.5
131	81.0	74.1	111.1

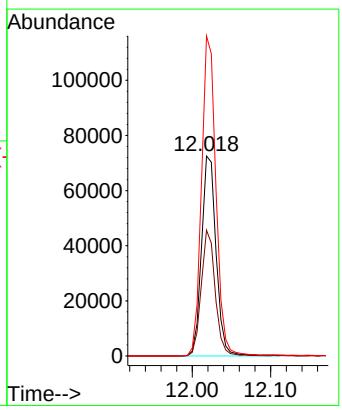




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046744.D
Acq: 18 Jun 2025 15:46

Tgt Ion:152 Resp: 93953

Ion	Ratio	Lower	Upper
152	100		
115	60.4	43.2	129.6
150	158.0	0.0	346.8



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:	06/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	RW8-MW01D1-20250617	SDG No.:	Q2345
Lab Sample ID:	Q2345-15	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046745.D	1		06/18/25 16:07	VX061825

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:	06/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	RW8-MW01D1-20250617	SDG No.:	Q2345
Lab Sample ID:	Q2345-15	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046745.D	1		06/18/25 16:07	VX061825

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	45.9		81 - 118		92%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.3		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		85 - 114		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	226000	5.568				
540-36-3	1,4-Difluorobenzene	368000	6.769				
3114-55-4	Chlorobenzene-d5	322000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	154000	12.018				

Raw Data: **VX046745.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:	06/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	RW8-MW01D1-20250617	SDG No.:	Q2345
Lab Sample ID:	Q2345-15	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046745.D	1		06/18/25 16:07	VX061825

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: **VX046745.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046745.D
Acq On : 18 Jun 2025 16:07
Operator : JC/MD
Sample : Q2345-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250617

Quant Time: Jun 19 01:26:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

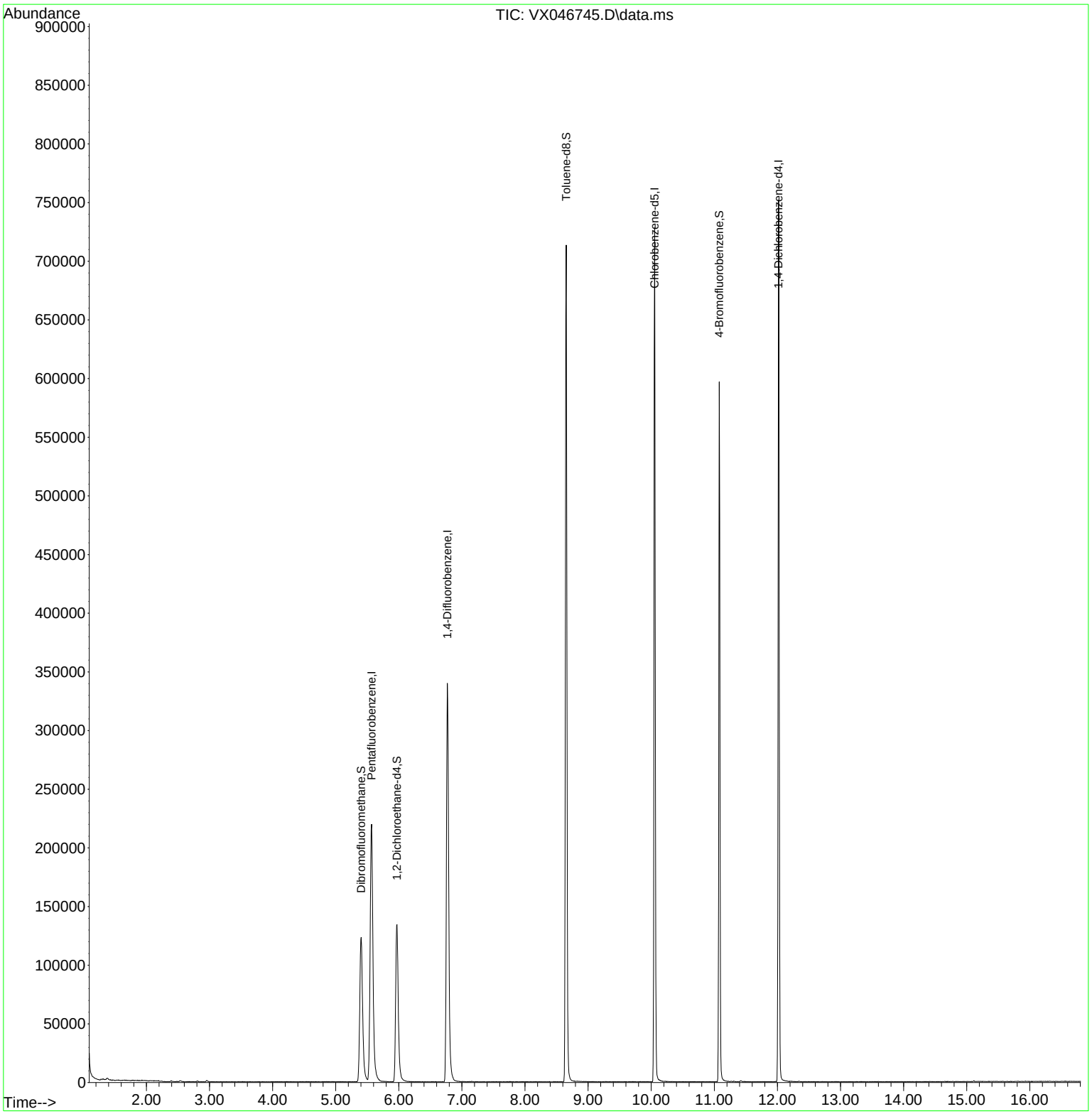
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	226176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	367631	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	153646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	143488	45.866	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.740%		
35) Dibromofluoromethane	5.403	113	119388	49.083	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	8.653	98	430858	49.303	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.600%		
62) 4-Bromofluorobenzene	11.079	95	157725	48.418	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.840%		
Target Compounds						Qvalue

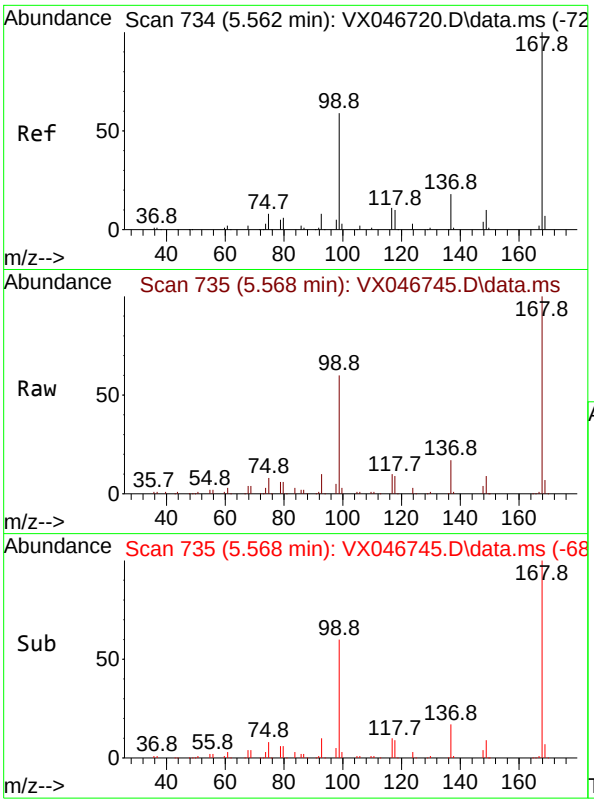
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046745.D
Acq On : 18 Jun 2025 16:07
Operator : JC/MD
Sample : Q2345-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250617

Quant Time: Jun 19 01:26:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



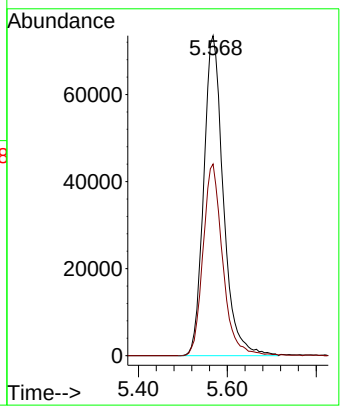


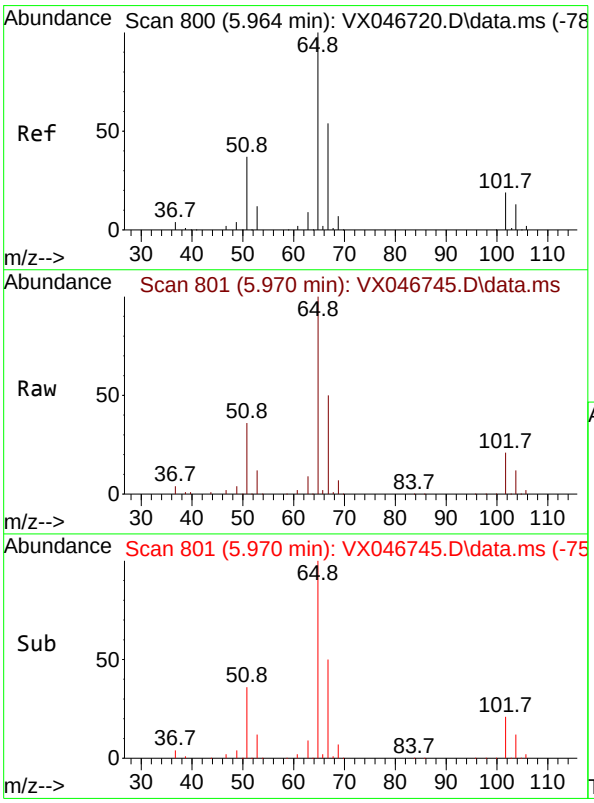
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046745.D
Acq: 18 Jun 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250617

Tgt Ion:168 Resp: 226176

Ion	Ratio	Lower	Upper
168	100		
99	59.9	48.5	72.7

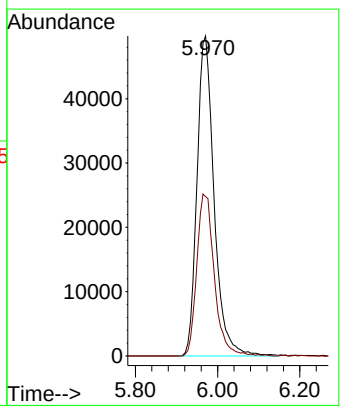


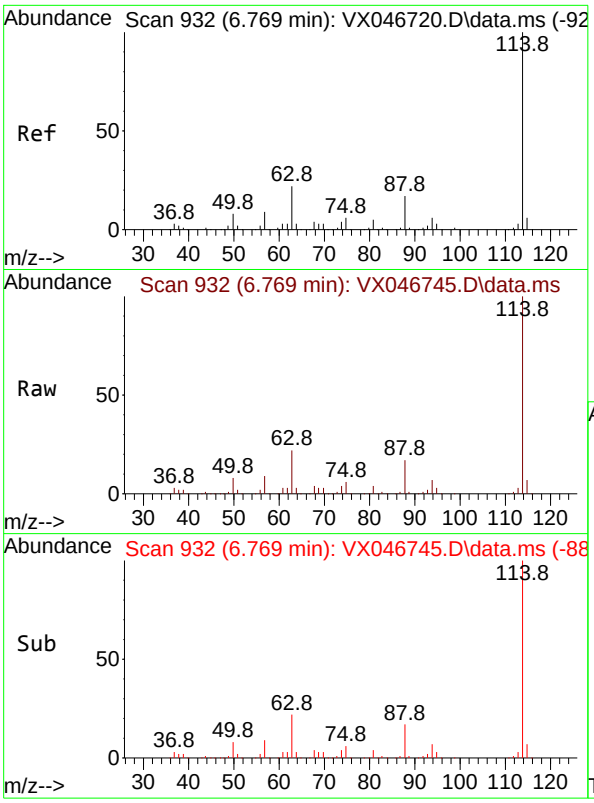


#33
1,2-Dichloroethane-d4
Concen: 45.866 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX046745.D
Acq: 18 Jun 2025 16:07

Tgt Ion: 65 Resp: 143488

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.4



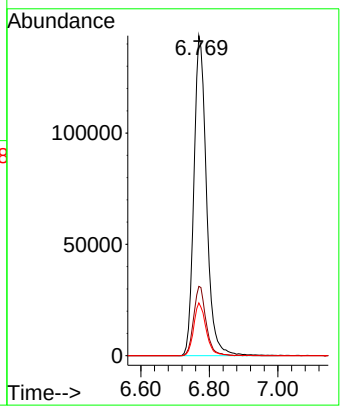


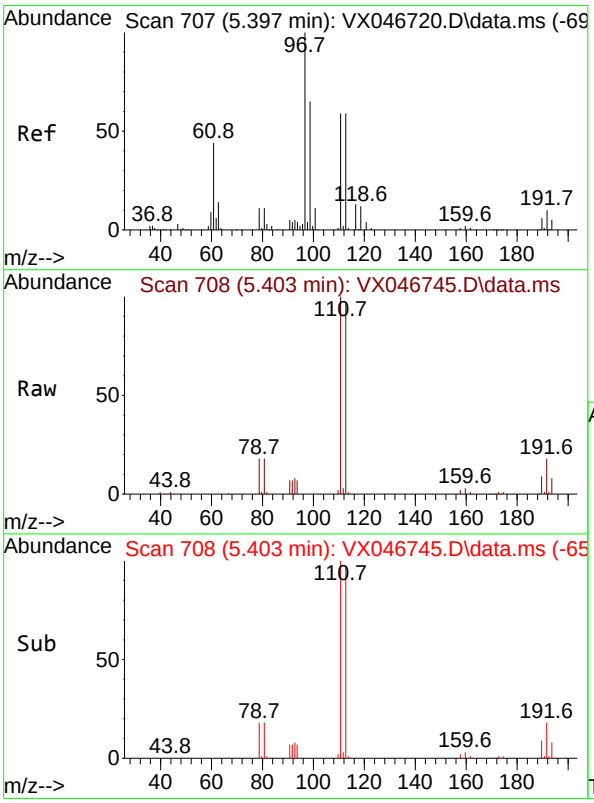
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046745.D
Acq: 18 Jun 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250617

Tgt Ion:114 Resp: 367631

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.2
88	16.5	0.0	33.2

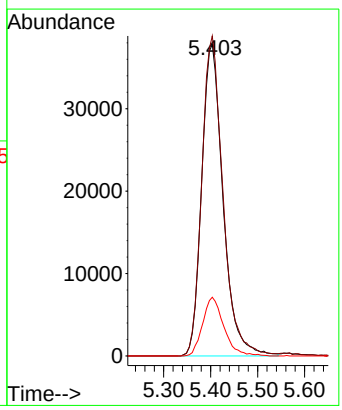


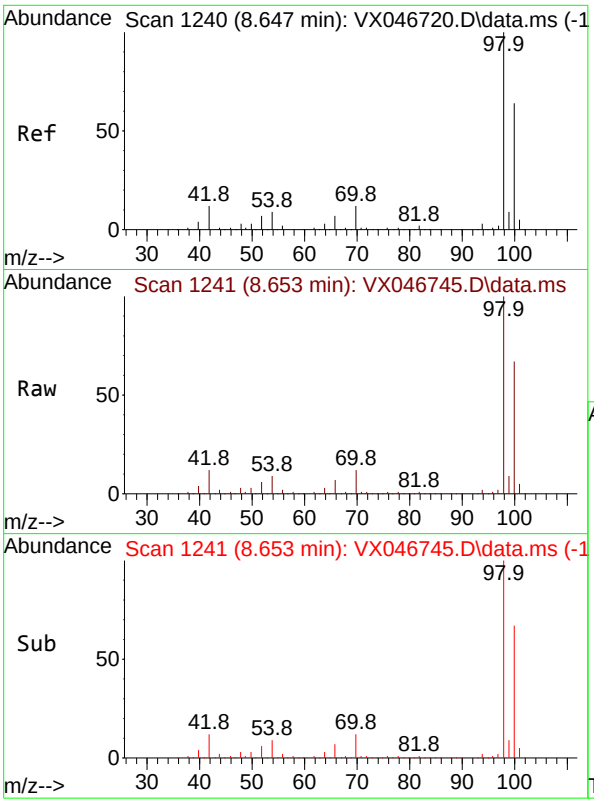


#35
Dibromofluoromethane
Concen: 49.083 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046745.D
Acq: 18 Jun 2025 16:07

Tgt Ion:113 Resp: 119388

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.0	123.0
192	18.7	15.3	22.9



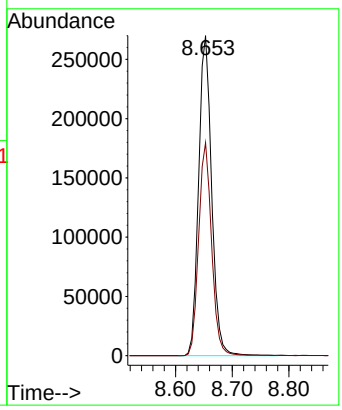


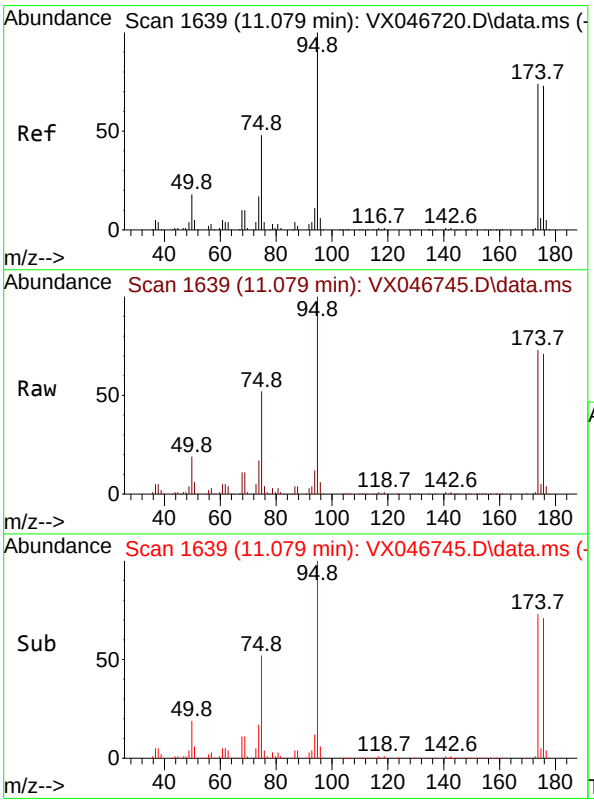
#50
Toluene-d8
Concen: 49.303 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046745.D
Acq: 18 Jun 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250617

Tgt Ion: 98 Resp: 430858

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

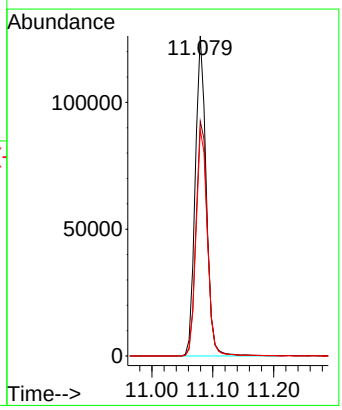


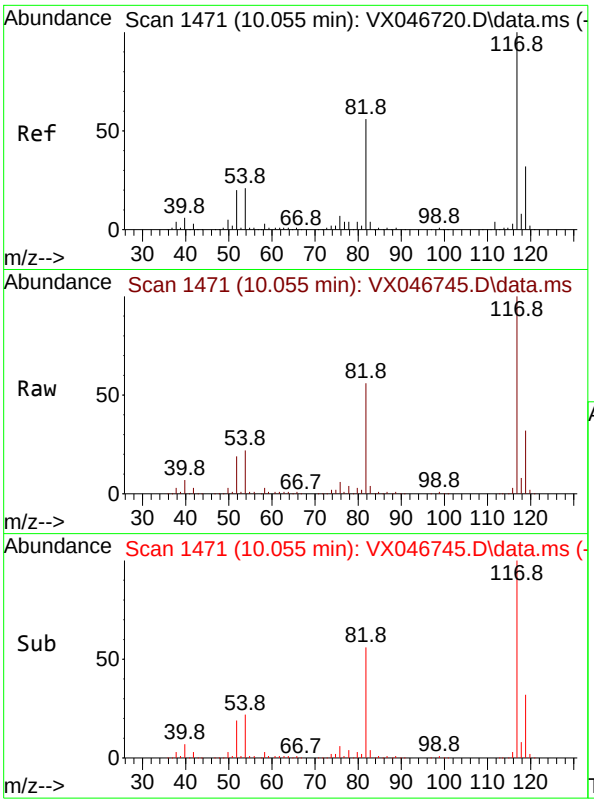


#62
4-Bromofluorobenzene
Concen: 48.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046745.D
Acq: 18 Jun 2025 16:07

Tgt Ion: 95 Resp: 157725

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	150.4
176	72.6	0.0	145.0



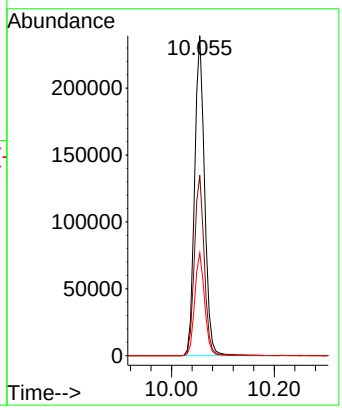


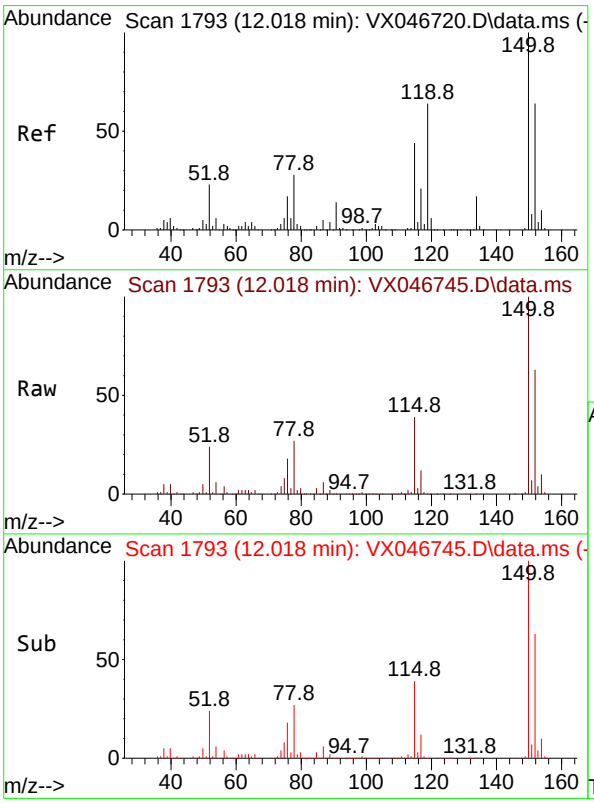
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046745.D
Acq: 18 Jun 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250617

Tgt Ion:117 Resp: 322256

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.6	66.8
119	32.1	25.8	38.8

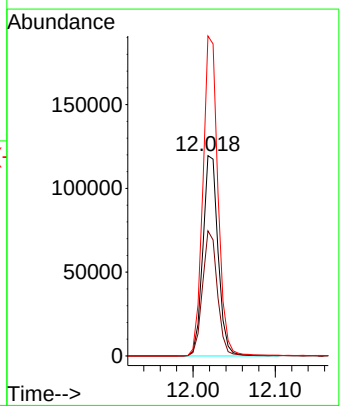




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046745.D
Acq: 18 Jun 2025 16:07

Tgt Ion:152 Resp: 153646

Ion	Ratio	Lower	Upper
152	100		
115	61.1	43.2	129.6
150	158.4	0.0	346.8



Raw Data: **VX046746.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:	06/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	TT192D2-20250617	SDG No.:	Q2345
Lab Sample ID:	Q2345-16	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046746.D	1		06/18/25 16:29	VX061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.35	J	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	0.69	J	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	0.33	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: **VX046746.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:	06/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	TT192D2-20250617	SDG No.:	Q2345
Lab Sample ID:	Q2345-16	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046746.D	1		06/18/25 16:29	VX061825

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	47.7		81 - 118		95%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.8		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.2		85 - 114		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	133000	5.568				
540-36-3	1,4-Difluorobenzene	221000	6.769				
3114-55-4	Chlorobenzene-d5	196000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	94000	12.018				

Raw Data: **VX046746.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:	06/17/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	TT192D2-20250617	SDG No.:	Q2345
Lab Sample ID:	Q2345-16	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046746.D	1		06/18/25 16:29	VX061825

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: **VX046746.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046746.D
Acq On : 18 Jun 2025 16:29
Operator : JC/MD
Sample : Q2345-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250617

Quant Time: Jun 19 01:26:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

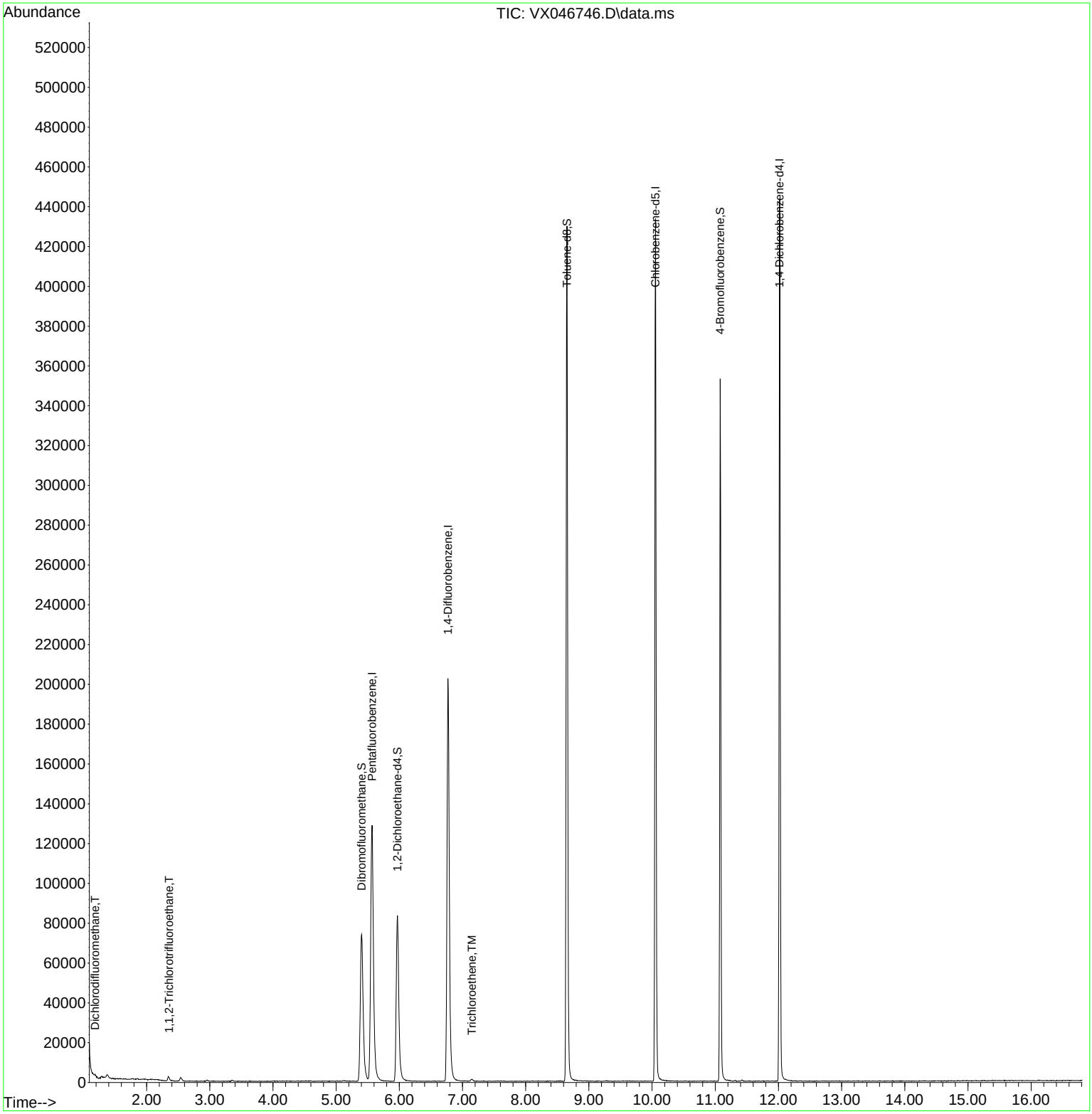
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	133130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	87891	47.730	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.460%			
35) Dibromofluoromethane	5.403	113	71957	49.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.300%			
50) Toluene-d8	8.653	98	261758	49.764	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.520%			
62) 4-Bromofluorobenzene	11.079	95	94548	48.220	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	495	0.348	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.355	101	1053	0.691	ug/l	98
44) Trichloroethene	7.147	130	525	0.329	ug/l	93

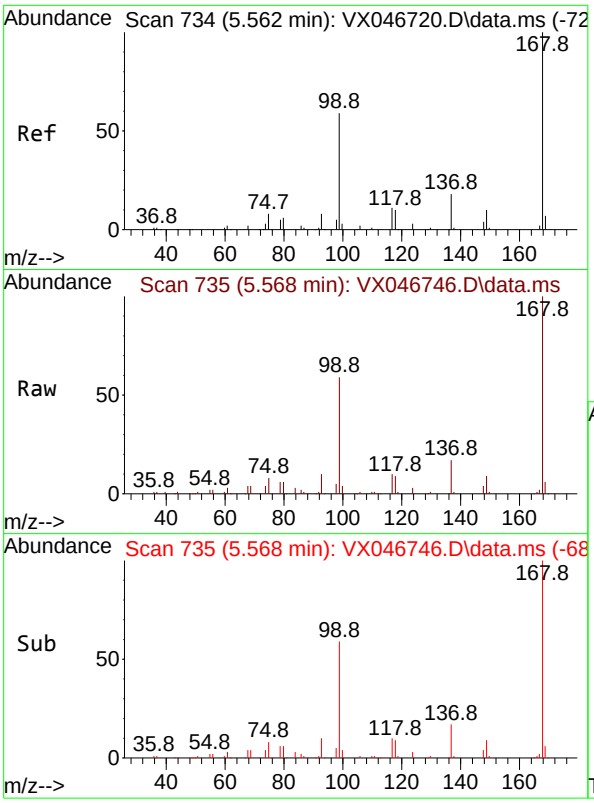
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046746.D
Acq On : 18 Jun 2025 16:29
Operator : JC/MD
Sample : Q2345-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250617

Quant Time: Jun 19 01:26:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



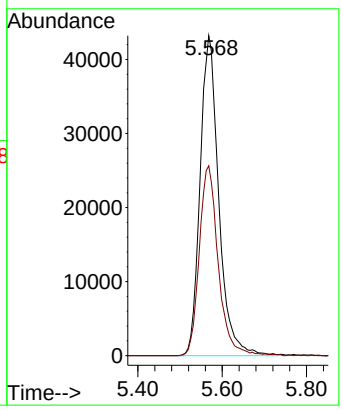


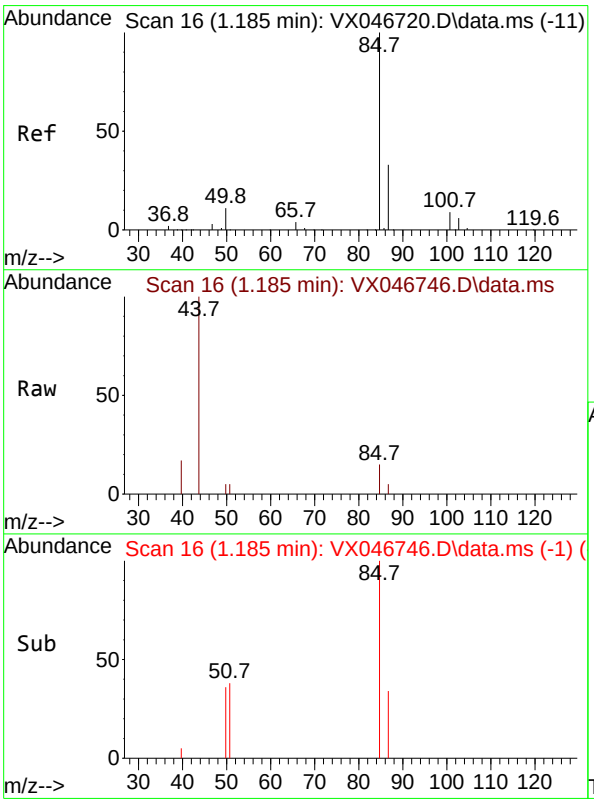
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046746.D
Acq: 18 Jun 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250617

Tgt Ion:168 Resp: 133130

Ion	Ratio	Lower	Upper
168	100		
99	59.4	48.5	72.7

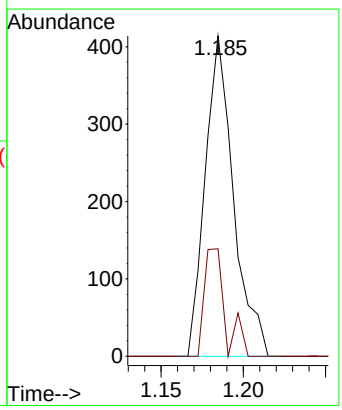


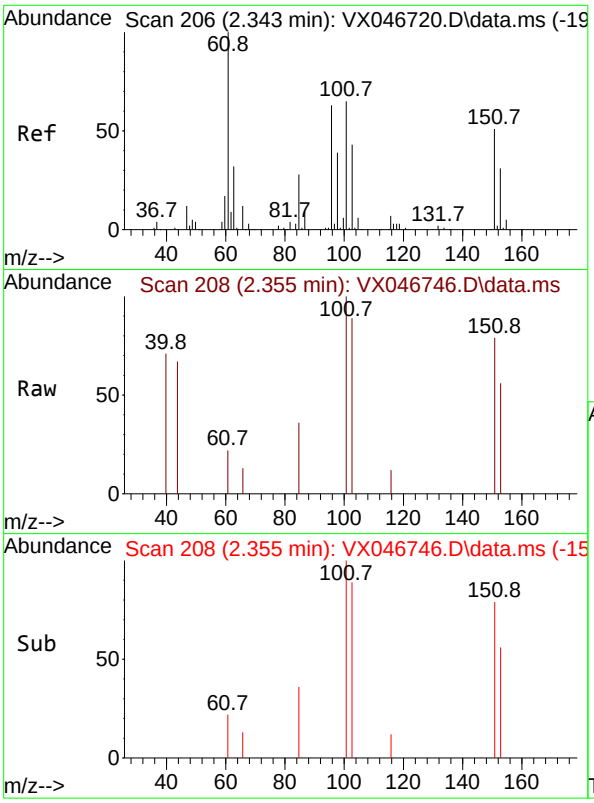


#2
Dichlorodifluoromethane
Concen: 0.348 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046746.D
Acq: 18 Jun 2025 16:29

Tgt Ion: 85 Resp: 495

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.6	49.8



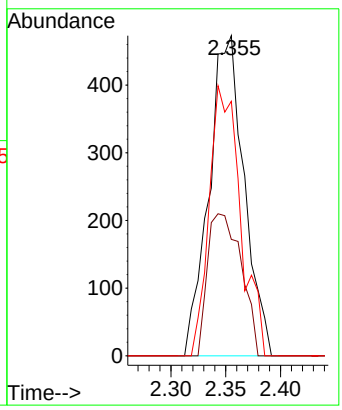


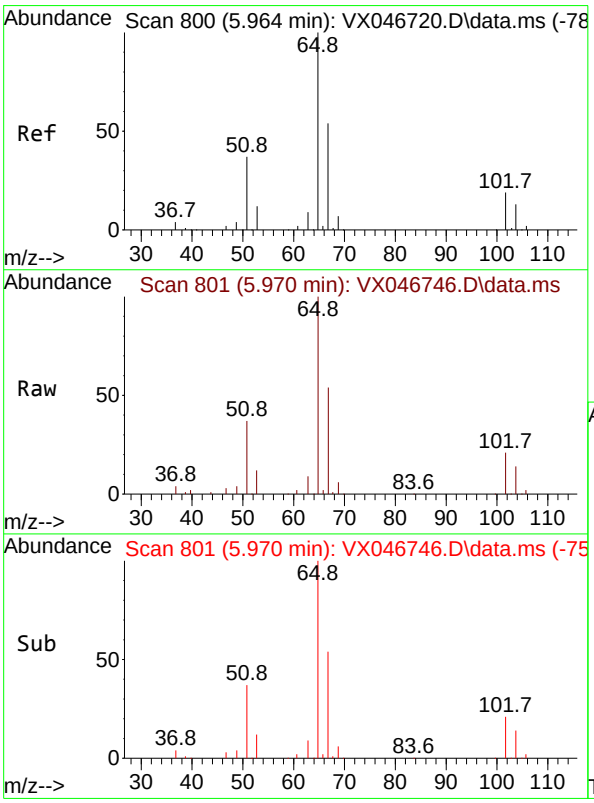
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.691 ug/l
RT: 2.355 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX046746.D
Acq: 18 Jun 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250617

Tgt Ion:101 Resp: 1053

Ion	Ratio	Lower	Upper
101	100		
85	42.5	35.4	53.0
151	75.0	61.2	91.8

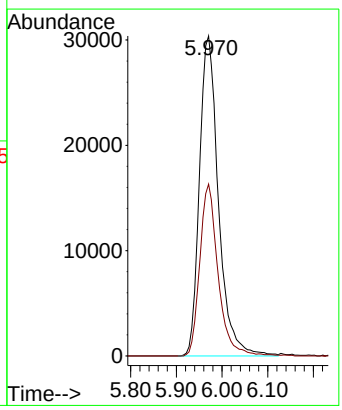


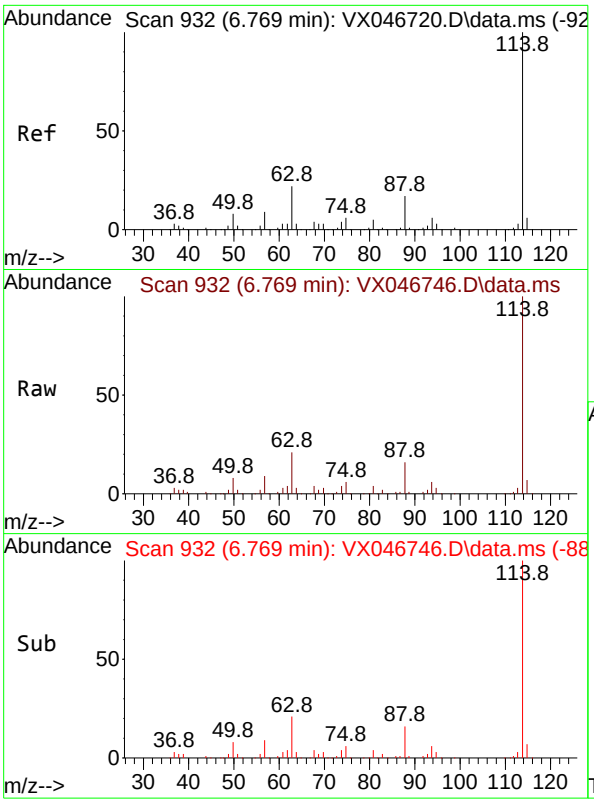


#33
1,2-Dichloroethane-d4
Concen: 47.730 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX046746.D
Acq: 18 Jun 2025 16:29

Tgt Ion: 65 Resp: 87891

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.4



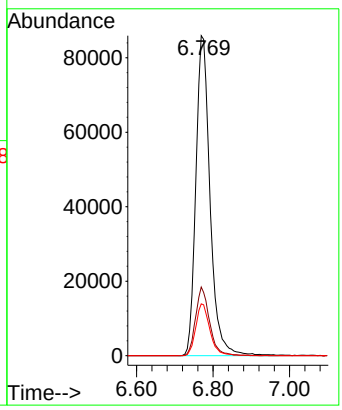


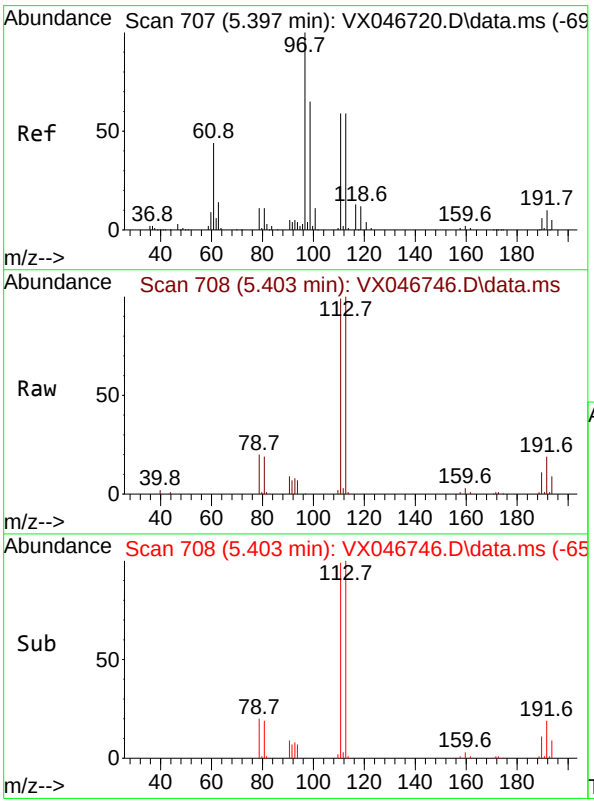
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046746.D
Acq: 18 Jun 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250617

Tgt Ion:114 Resp: 221280

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.2
88	16.2	0.0	33.2

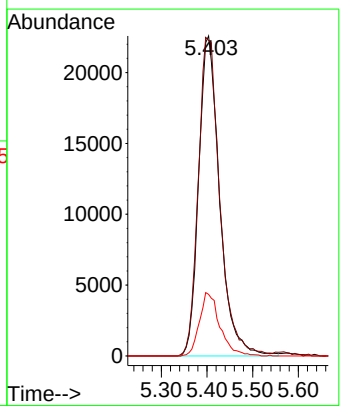


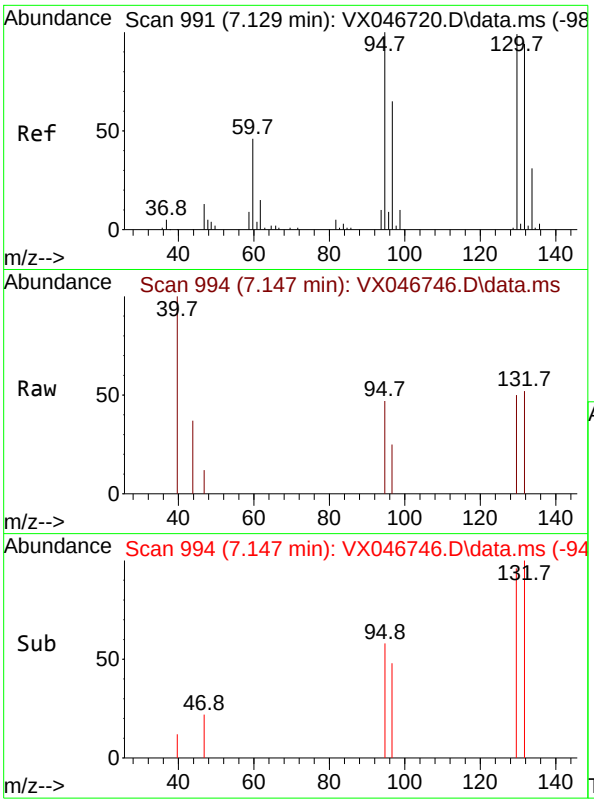


#35
Dibromofluoromethane
Concen: 49.149 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046746.D
Acq: 18 Jun 2025 16:29

Tgt Ion:113 Resp: 71957

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	19.2	15.3	22.9



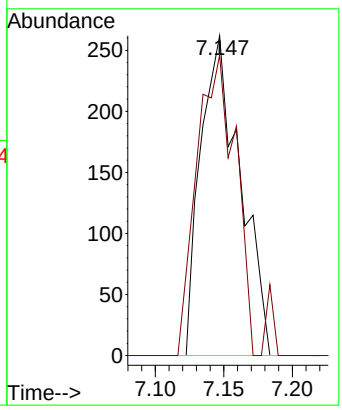


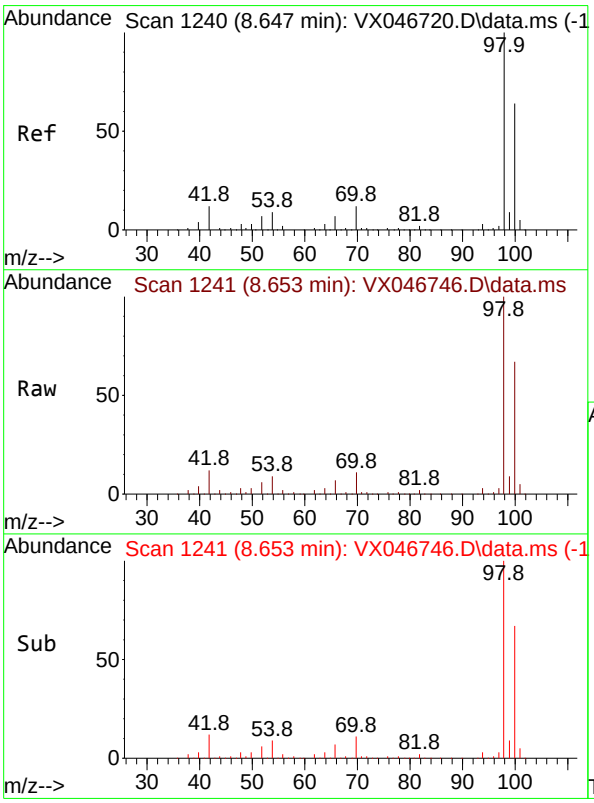
#44
Trichloroethene
Concen: 0.329 ug/l
RT: 7.147 min Scan# 9
Delta R.T. 0.018 min
Lab File: VX046746.D
Acq: 18 Jun 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250617

Tgt Ion:130 Resp: 525

Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	202.6

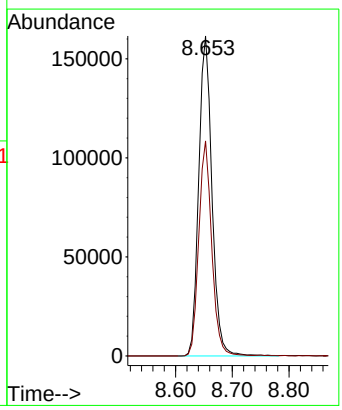


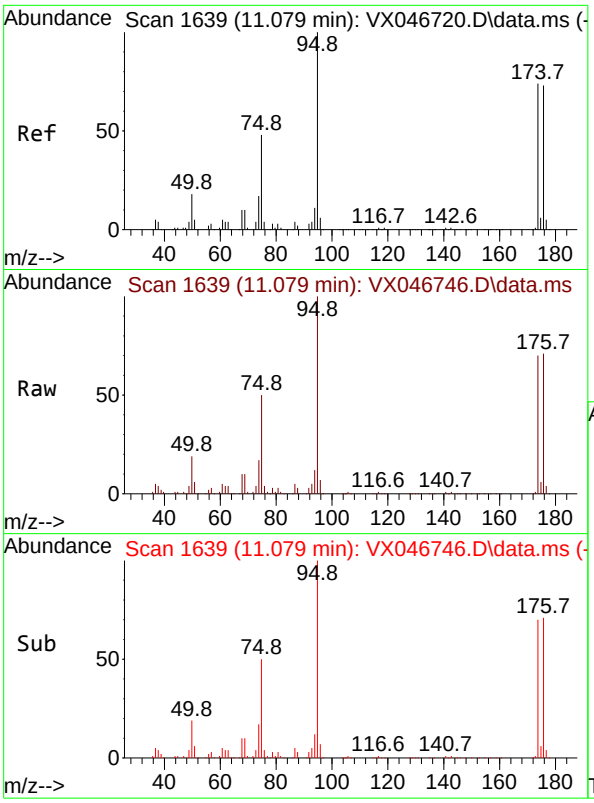


#50
Toluene-d8
Concen: 49.764 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046746.D
Acq: 18 Jun 2025 16:29

Tgt Ion: 98 Resp: 261758

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4



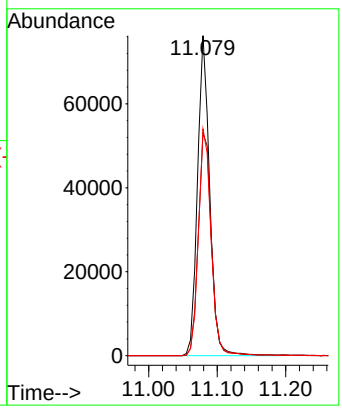


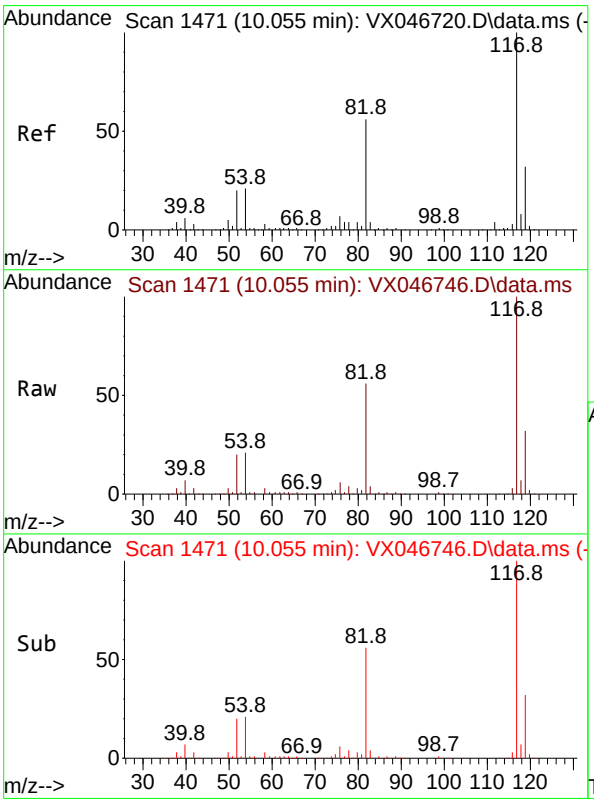
#62
4-Bromofluorobenzene
Concen: 48.220 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046746.D
Acq: 18 Jun 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250617

Tgt Ion: 95 Resp: 94548

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	150.4
176	73.6	0.0	145.0

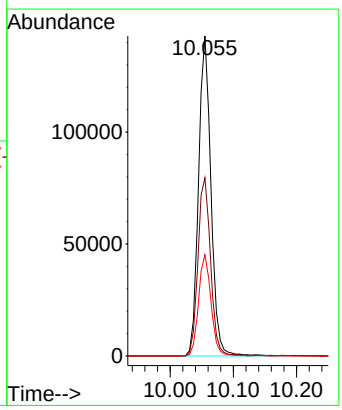


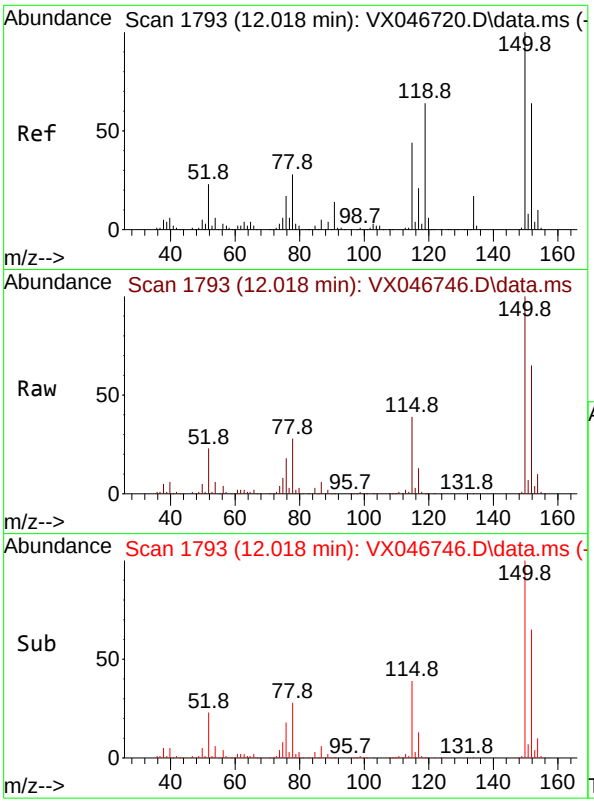


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046746.D
Acq: 18 Jun 2025 16:29

Tgt Ion:117 Resp: 195519

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	31.7	25.8	38.8



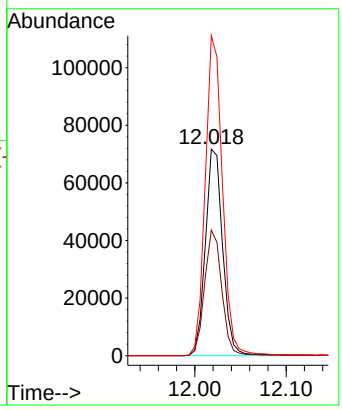


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046746.D
Acq: 18 Jun 2025 16:29

Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250617

Tgt Ion:152 Resp: 93964

Ion	Ratio	Lower	Upper
152	100		
115	61.0	43.2	129.6
150	155.1	0.0	346.8



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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-4-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-17	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046747.D	1		06/18/25 16:50	VX061825

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: **VX046747.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-4-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-17	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046747.D	1		06/18/25 16:50	VX061825

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	0.26	J	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	47.8		81 - 118		96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.8		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2		85 - 114		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	211000	5.562				
540-36-3	1,4-Difluorobenzene	349000	6.769				
3114-55-4	Chlorobenzene-d5	309000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	147000	12.018				

Raw Data: **VX046747.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-4-20250616	SDG No.:	Q2345
Lab Sample ID:	Q2345-17	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046747.D	1		06/18/25 16:50	VX061825

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\VX061825\
Data File : VX046747.D
Acq On : 18 Jun 2025 16:50
Operator : JC/MD
Sample : Q2345-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

Quant Time: Jun 19 01:27:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

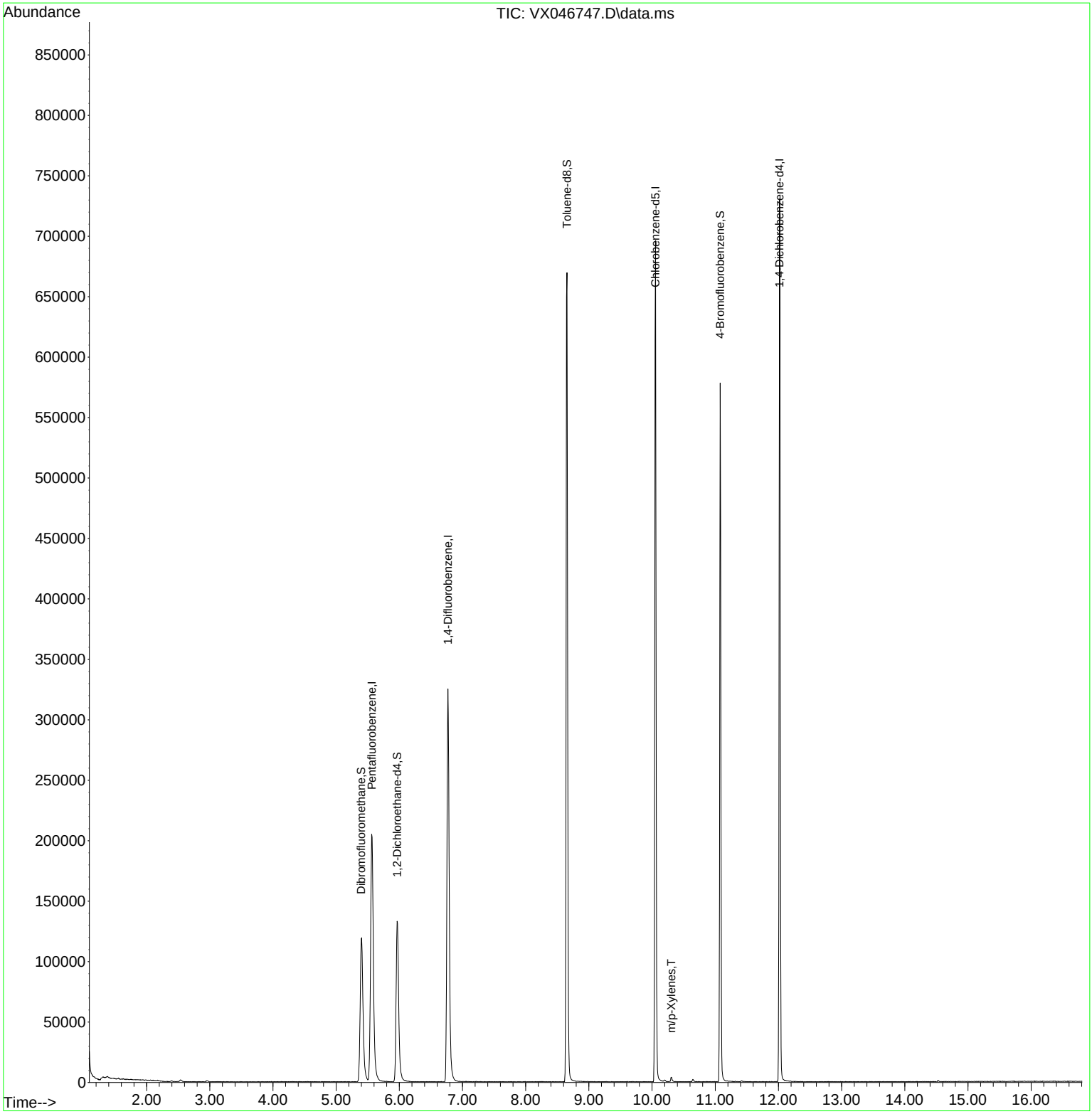
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	210931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	348901	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	147369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139483	47.808	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.620%		
35) Dibromofluoromethane	5.397	113	113104	48.996	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.000%		
50) Toluene-d8	8.653	98	413425	49.848	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.700%		
62) 4-Bromofluorobenzene	11.079	95	151978	49.158	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.320%		
Target Compounds						Qvalue
68) m/p-Xylenes	10.305	106	1140	0.257	ug/l	97

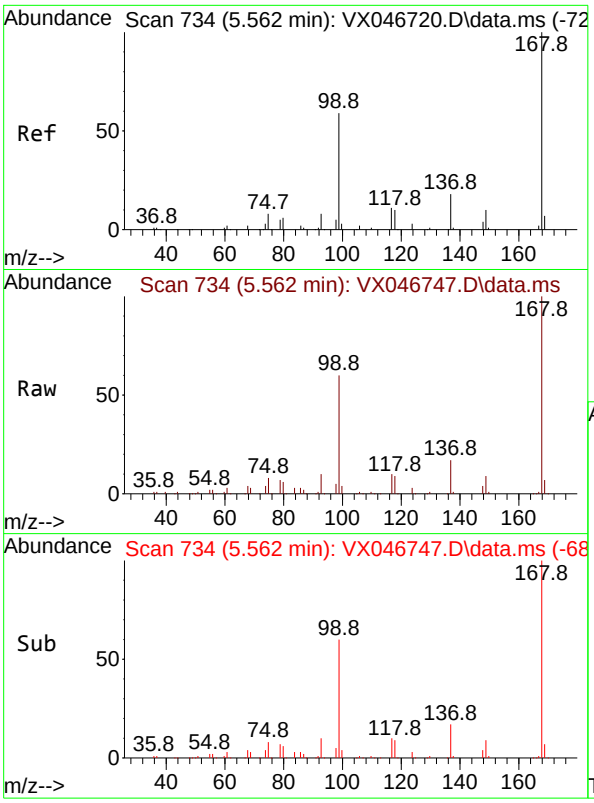
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046747.D
Acq On : 18 Jun 2025 16:50
Operator : JC/MD
Sample : Q2345-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

Quant Time: Jun 19 01:27:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



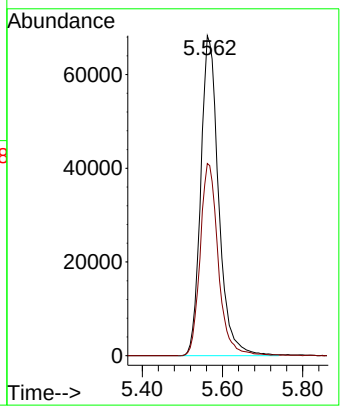


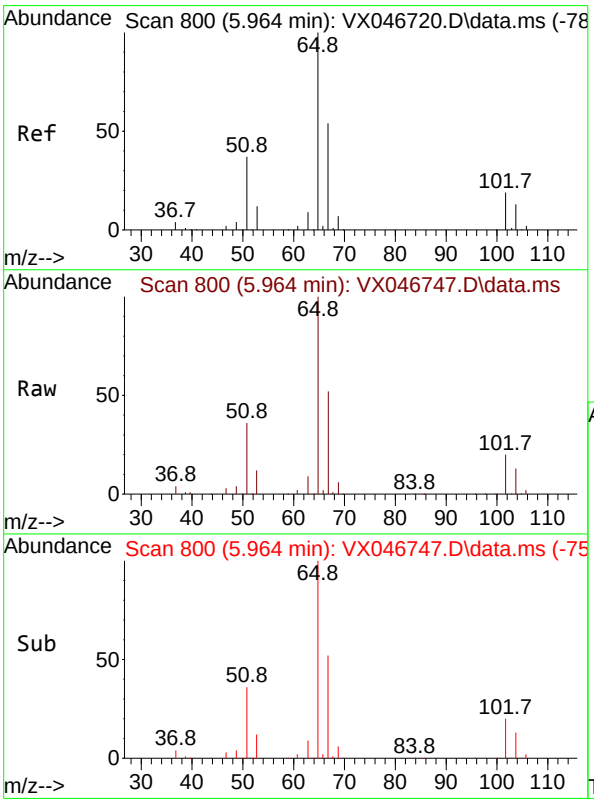
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

Tgt Ion:168 Resp: 210931

Ion	Ratio	Lower	Upper
168	100		
99	60.1	48.5	72.7

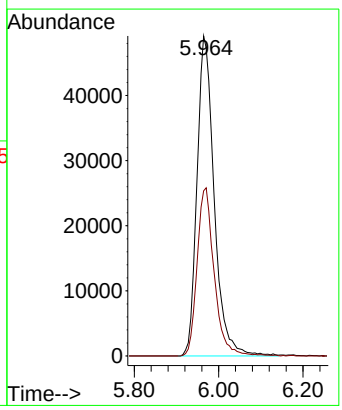


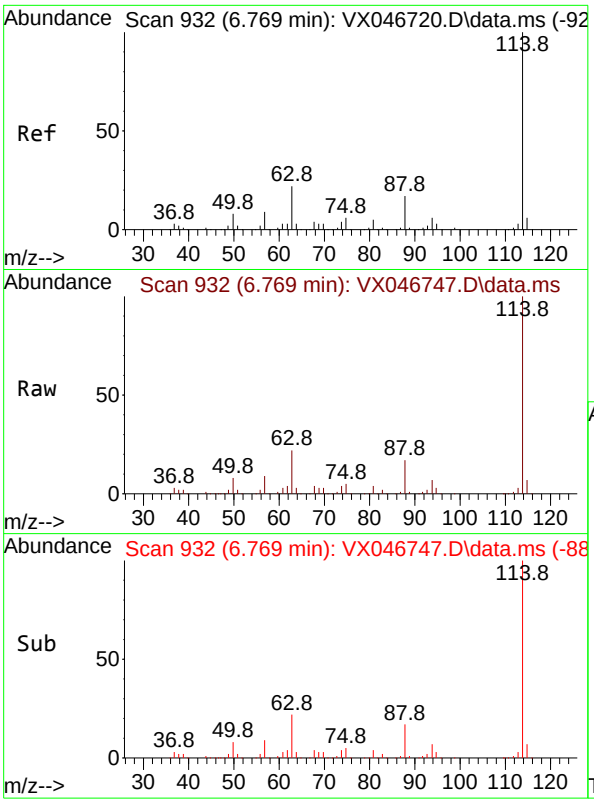


#33
1,2-Dichloroethane-d4
Concen: 47.808 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Tgt Ion: 65 Resp: 139483

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.4



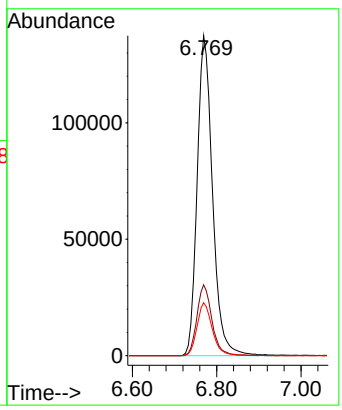


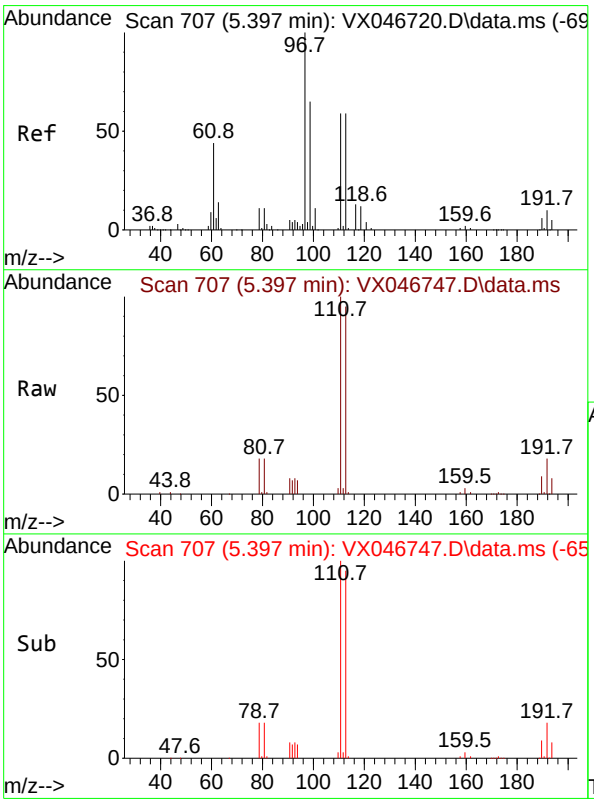
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

Tgt Ion:114 Resp: 348901

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.2
88	16.6	0.0	33.2

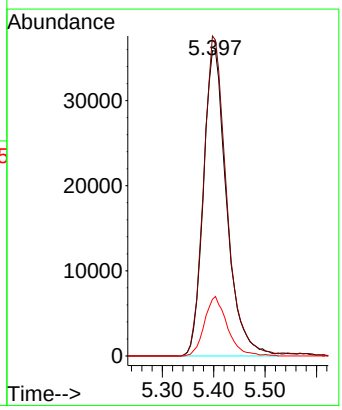


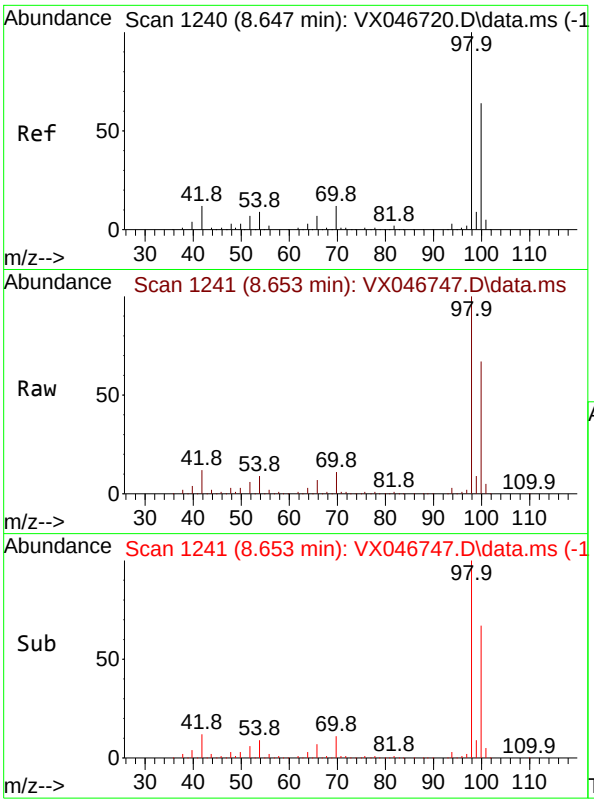


#35
Dibromofluoromethane
Concen: 48.996 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Tgt Ion:113 Resp: 113104

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	19.1	15.3	22.9



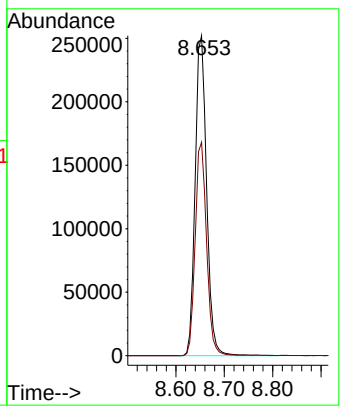


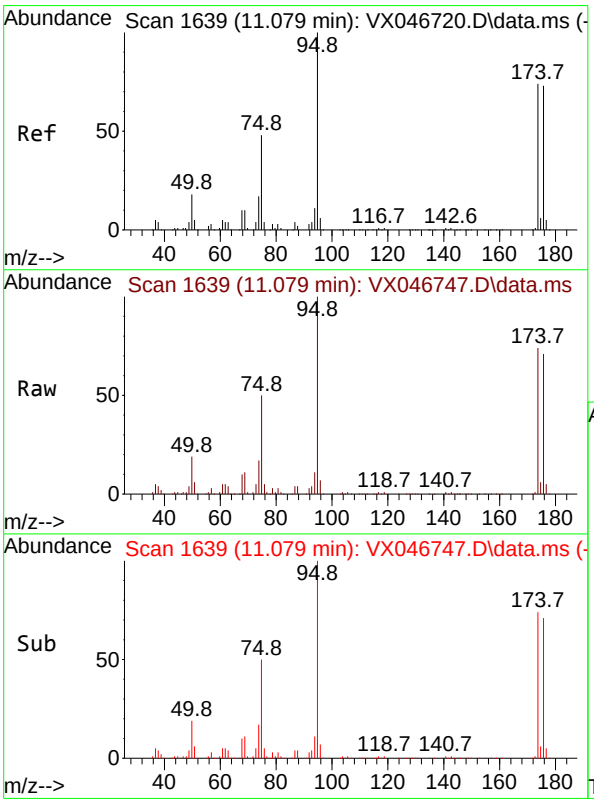
#50
Toluene-d8
Concen: 49.848 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

Tgt Ion: 98 Resp: 413425

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

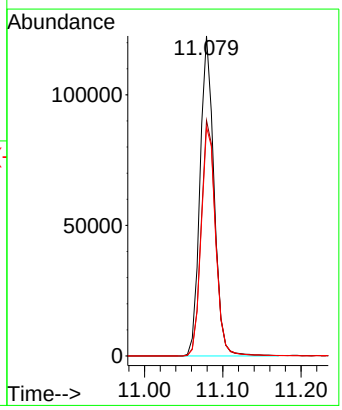


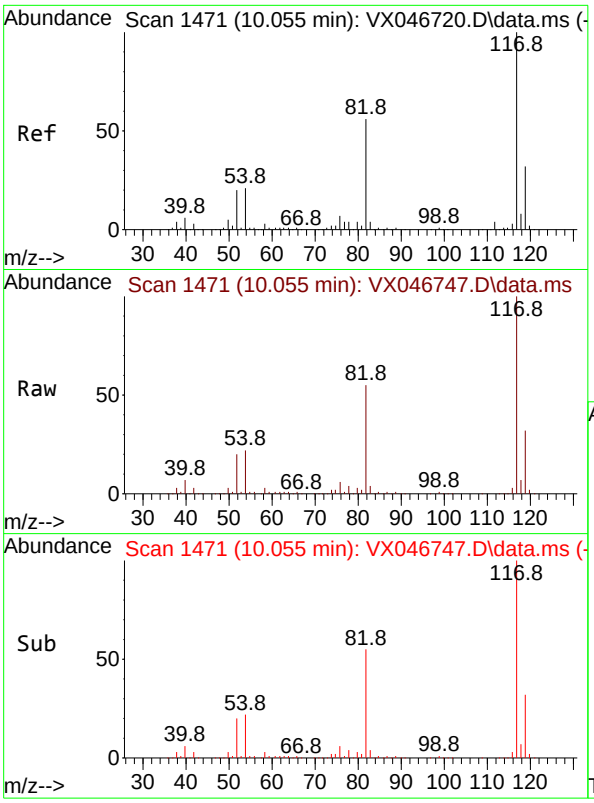


#62
4-Bromofluorobenzene
Concen: 49.158 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Tgt Ion: 95 Resp: 151978

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	150.4
176	74.0	0.0	145.0



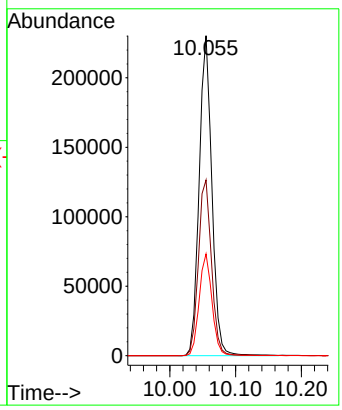


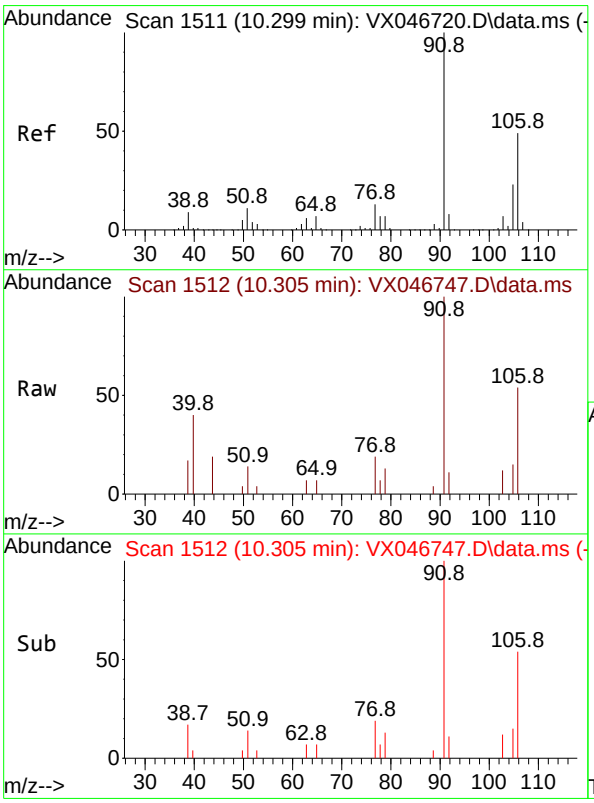
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

Tgt Ion:117 Resp: 308900

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.6	66.8
119	31.8	25.8	38.8

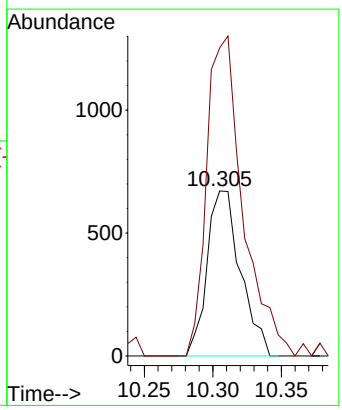


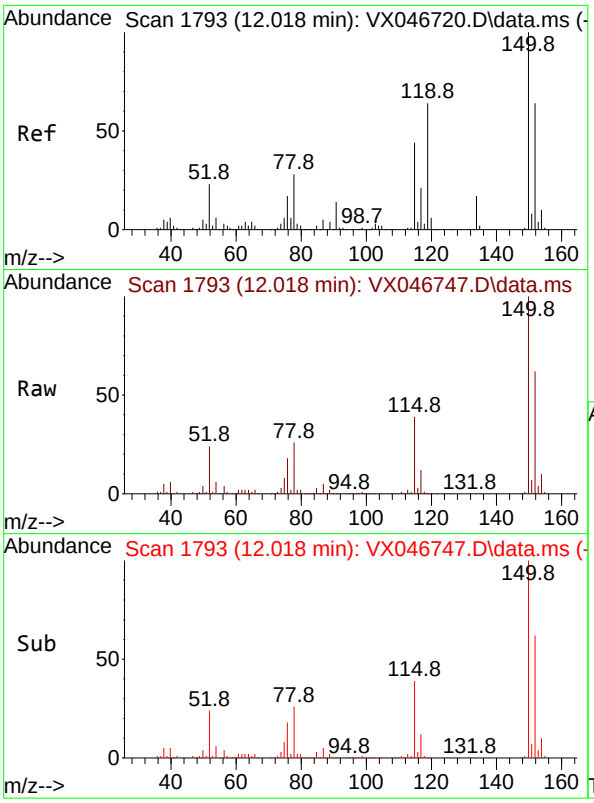


#68
m/p-Xylenes
Concen: 0.257 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Tgt Ion:106 Resp: 1140

Ion	Ratio	Lower	Upper
106	100		
91	209.9	164.8	247.2



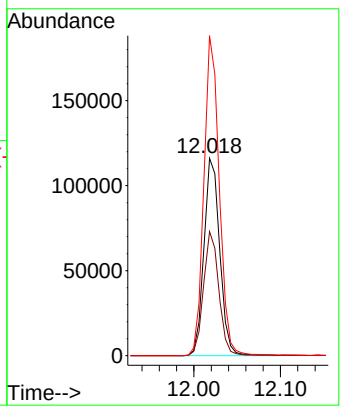


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046747.D
Acq: 18 Jun 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-4-20250616

Tgt Ion:152 Resp: 147369

Ion	Ratio	Lower	Upper
152	100		
115	61.2	43.2	129.6
150	157.9	0.0	346.8



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: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG No.: Q2345

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

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

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.464	0.507	0.583	0.627	0.598	0.425	0.534	15.1
Chloromethane	0.541	0.570	0.593	0.641	0.627	0.485	0.576	10
Vinyl Chloride	0.569	0.632	0.634	0.687	0.644	0.521	0.614	9.7
Bromomethane	0.371	0.367	0.369	0.341	0.280		0.346	11.1
Chloroethane	0.350	0.388	0.377	0.405	0.381	0.332	0.372	7.1
Trichlorofluoromethane	0.897	0.974	0.967	1.030	0.972	0.757	0.933	10.3
1,1,2-Trichlorotrifluoroethane	0.563	0.608	0.576	0.623	0.594	0.470	0.572	9.6
1,1-Dichloroethene	0.527	0.574	0.569	0.609	0.583	0.451	0.552	10.2
Acetone	0.219	0.222	0.220	0.238	0.234	0.251	0.231	5.6
Carbon Disulfide	1.503	1.644	1.599	1.735	1.656	1.869	1.668	7.5
Methyl tert-butyl Ether	1.628	1.803	1.752	1.898	1.808	1.427	1.720	9.8
Methyl Acetate	0.577	0.590	0.581	0.650	0.647	0.470	0.586	11.2
Methylene Chloride	0.655	0.655	0.610	0.666	0.624	0.637	0.641	3.3
trans-1,2-Dichloroethene	0.569	0.627	0.589	0.637	0.595	0.529	0.591	6.7
1,1-Dichloroethane	1.054	1.153	1.088	1.170	1.114	0.972	1.092	6.6
Cyclohexane	0.983	1.086	1.013	1.074	1.021		1.036	4.2
2-Butanone	0.319	0.325	0.338	0.371	0.353	0.251	0.326	12.7
Carbon Tetrachloride	0.509	0.537	0.515	0.548	0.531	0.470	0.518	5.4
cis-1,2-Dichloroethene	0.681	0.731	0.686	0.741	0.704	0.623	0.694	6.1
Bromochloromethane	0.527	0.459	0.485	0.519	0.500	0.480	0.495	5.2
Chloroform	1.102	1.190	1.114	1.181	1.109	0.857	1.092	11.1
1,1,1-Trichloroethane	0.931	1.012	0.956	1.046	0.990	0.812	0.958	8.6
Methylcyclohexane	0.631	0.642	0.629	0.672	0.647	0.550	0.628	6.6
Benzene	1.431	1.477	1.417	1.509	1.427	1.218	1.413	7.2
1,2-Dichloroethane	0.508	0.523	0.495	0.528	0.497	0.429	0.497	7.2
Trichloroethene	0.355	0.374	0.356	0.389	0.366	0.320	0.360	6.5
1,2-Dichloropropane	0.347	0.372	0.346	0.374	0.357	0.305	0.350	7.2
Bromodichloromethane	0.510	0.545	0.522	0.562	0.540	0.404	0.514	11.1
4-Methyl-2-Pentanone	0.408	0.414	0.426	0.460	0.439	0.322	0.411	11.6
Toluene	0.884	0.927	0.888	0.927	0.881	0.750	0.876	7.4

* 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.

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: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG No.: Q2345

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

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

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.438	0.484	0.488	0.555	0.540	0.355	0.477	15.3
cis-1,3-Dichloropropene	0.516	0.555	0.548	0.603	0.589	0.436	0.541	11.1
1,1,2-Trichloroethane	0.330	0.341	0.326	0.347	0.329	0.287	0.327	6.4
2-Hexanone	0.285	0.285	0.297	0.320	0.305	0.214	0.284	13
Dibromochloromethane	0.380	0.402	0.388	0.419	0.402	0.318	0.385	9.3
1,2-Dibromoethane	0.333	0.348	0.335	0.363	0.346	0.267	0.332	10.1
Tetrachloroethene	0.345	0.353	0.340	0.360	0.339	0.341	0.346	2.4
Chlorobenzene	1.114	1.148	1.091	1.165	1.100	1.005	1.104	5.1
Ethyl Benzene	1.905	2.030	1.933	2.062	1.945	1.696	1.929	6.7
m/p-Xylenes	0.705	0.764	0.724	0.765	0.718	0.635	0.719	6.7
o-Xylene	0.686	0.729	0.692	0.739	0.698	0.498	0.673	13.1
Styrene	1.144	1.256	1.208	1.267	1.203	0.993	1.179	8.6
Bromoform	0.268	0.295	0.287	0.315	0.304	0.226	0.282	11.3
Isopropylbenzene	3.593	3.914	3.723	4.004	3.814	3.048	3.682	9.3
1,1,2,2-Tetrachloroethane	1.037	1.075	1.044	1.124	1.074	0.816	1.028	10.6
1,3-Dichlorobenzene	1.703	1.787	1.678	1.786	1.719	1.694	1.728	2.7
1,4-Dichlorobenzene	1.743	1.830	1.653	1.789	1.702	1.932	1.775	5.6
1,2-Dichlorobenzene	1.604	1.701	1.592	1.703	1.628	1.460	1.615	5.5
1,2-Dibromo-3-Chloropropane	0.196	0.205	0.211	0.235	0.237	0.134	0.203	18.6
1,2,4-Trichlorobenzene	1.040	1.138	1.127	1.253	1.160	1.170	1.148	6
1,2,3-Trichlorobenzene	1.062	1.129	1.082	1.207	1.153	0.957	1.098	7.9
1,2-Dichloroethane-d4	0.801	0.567	0.649	0.726	0.714		0.692	12.7
Dibromofluoromethane	0.362	0.267	0.320	0.354	0.351		0.331	11.9
Toluene-d8	1.342	0.973	1.144	1.250	1.234		1.189	11.7
4-Bromofluorobenzene	0.513	0.354	0.426	0.466	0.456		0.443	13.3

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

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X061725W.M
Title : SW846 8260
Last Update : Wed Jun 18 03:09:16 2025
Response Via : Initial Calibration

Calibration Files
1 =VX046725.D 5 =VX046718.D 20 =VX046719.D 50 =VX046720.D 100 =VX046721.D 150 =VX046722.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.425	0.464	0.507	0.583	0.627	0.598	0.534	15.13
3)	P	Chloromethane	0.485	0.541	0.570	0.593	0.641	0.627	0.576	9.97
4)	C	Vinyl Chloride	0.521	0.569	0.632	0.634	0.687	0.644	0.614	9.68#
5)	T	Bromomethane		0.371	0.367	0.369	0.341	0.280	0.346	11.13
6)	T	Chloroethane	0.332	0.350	0.388	0.377	0.405	0.381	0.372	7.12
7)	T	Trichlorofluor...	0.757	0.897	0.974	0.967	1.030	0.972	0.933	10.30
8)	T	Diethyl Ether	0.265	0.309	0.337	0.322	0.352	0.336	0.320	9.58
9)	T	1,1,2-Trichlor...	0.470	0.563	0.608	0.576	0.623	0.594	0.572	9.55
10)	T	Methyl Iodide		0.447	0.566	0.654	0.788	0.752	0.642	21.71
11)	T	Tert butyl alc...		0.048	0.061	0.062	0.071	0.069	0.062	14.45
12)	CM	1,1-Dichloroet...	0.451	0.527	0.574	0.569	0.609	0.583	0.552	10.21#
13)	T	Acrolein		0.095	0.074	0.087	0.098	0.097	0.090	11.04
14)	T	Allyl chloride	0.876	0.934	1.042	0.999	1.102	1.051	1.001	8.30
15)	T	Acrylonitrile	0.226	0.270	0.287	0.285	0.312	0.295	0.279	10.61
16)	T	Acetone	0.251	0.219	0.222	0.220	0.238	0.234	0.231	5.60
17)	T	Carbon Disulfide	1.869	1.503	1.644	1.599	1.735	1.656	1.668	7.46
18)	T	Methyl Acetate	0.470	0.577	0.590	0.581	0.650	0.647	0.586	11.17
19)	T	Methyl tert-bu...	1.427	1.628	1.803	1.752	1.898	1.808	1.720	9.79
20)	T	Methylene Chlo...	0.637	0.655	0.655	0.610	0.666	0.624	0.641	3.32
21)	T	trans-1,2-Dich...	0.529	0.569	0.627	0.589	0.637	0.595	0.591	6.68
22)	T	Diisopropyl ether	1.531	1.883	2.073	1.967	2.113	1.973	1.923	10.87
23)	T	Vinyl Acetate	1.138	1.423	1.608	1.596	1.747	1.664	1.529	14.33
24)	P	1,1-Dichloroet...	0.972	1.054	1.153	1.088	1.170	1.114	1.092	6.63
25)	T	2-Butanone	0.251	0.319	0.325	0.338	0.371	0.353	0.326	12.66
26)	T	2,2-Dichloropr...	0.688	0.768	0.798	0.761	0.878	0.886	0.796	9.49
27)	T	cis-1,2-Dichlo...	0.623	0.681	0.731	0.686	0.741	0.704	0.694	6.06
28)	T	Bromochloromet...	0.480	0.527	0.459	0.485	0.519	0.500	0.495	5.18
29)	T	Tetrahydrofuran	0.162	0.205	0.211	0.216	0.240	0.229	0.211	12.74
30)	C	Chloroform	0.857	1.102	1.190	1.114	1.181	1.109	1.092	11.08#
31)	T	Cyclohexane		0.983	1.086	1.013	1.074	1.021	1.036	4.20
32)	T	1,1,1-Trichlor...	0.812	0.931	1.012	0.956	1.046	0.990	0.958	8.58
33)	S	1,2-Dichloroet...		0.801	0.567	0.649	0.726	0.714	0.692	12.70
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.362	0.267	0.320	0.354	0.351	0.331	11.89
36)	T	1,1-Dichloropr...	0.446	0.477	0.486	0.477	0.500	0.480	0.478	3.73
37)	T	Ethyl Acetate	0.443	0.404	0.440	0.431	0.468	0.459	0.441	5.11
38)	T	Carbon Tetrach...	0.470	0.509	0.537	0.515	0.548	0.531	0.518	5.37
39)	T	Methylcyclohexane	0.550	0.631	0.642	0.629	0.672	0.647	0.628	6.61
40)	TM	Benzene	1.218	1.431	1.477	1.417	1.509	1.427	1.413	7.22
41)	T	Methacrylonitrile	0.190	0.207	0.242	0.239	0.267	0.266	0.235	13.31
42)	TM	1,2-Dichloroet...	0.429	0.508	0.523	0.495	0.528	0.497	0.497	7.23
43)	T	Isopropyl Acetate	0.491	0.678	0.689	0.716	0.795	0.770	0.690	15.63
44)	TM	Trichloroethene	0.320	0.355	0.374	0.356	0.389	0.366	0.360	6.47
45)	C	1,2-Dichloropr...	0.305	0.347	0.372	0.346	0.374	0.357	0.350	7.18#
46)	T	Dibromomethane	0.228	0.243	0.260	0.251	0.270	0.259	0.252	5.92
47)	T	Bromodichlorom...	0.404	0.510	0.545	0.522	0.562	0.540	0.514	11.07
48)	T	Methyl methacr...	0.232	0.316	0.352	0.370	0.409	0.396	0.346	18.71
49)	T	1,4-Dioxane	0.001	0.004	0.005	0.005	0.005	0.005	0.004	42.21
50)	S	Toluene-d8		1.342	0.973	1.144	1.250	1.234	1.189	11.72
51)	T	4-Methyl-2-Pen...	0.322	0.408	0.414	0.426	0.460	0.439	0.411	11.62
52)	CM	Toluene	0.750	0.884	0.927	0.888	0.927	0.881	0.876	7.43#
53)	T	t-1,3-Dichloro...	0.355	0.438	0.484	0.488	0.555	0.540	0.477	15.29
54)	T	cis-1,3-Dichlo...	0.436	0.516	0.555	0.548	0.603	0.589	0.541	11.13
55)	T	1,1,2-Trichlor...	0.287	0.330	0.341	0.326	0.347	0.329	0.327	6.43
56)	T	Ethyl methacry...	0.327	0.465	0.493	0.507	0.560	0.540	0.482	17.24

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X061725W.M

57)	T	1,3-Dichloropr...	0.497	0.575	0.576	0.562	0.600	0.563	0.562	6.16
58)	T	2-Chloroethyl ...	0.167	0.241	0.235	0.281	0.296	0.282	0.250	18.96
59)	T	2-Hexanone	0.214	0.285	0.285	0.297	0.320	0.305	0.284	13.04
60)	T	Dibromochlorom...	0.318	0.380	0.402	0.388	0.419	0.402	0.385	9.25
61)	T	1,2-Dibromoethane	0.267	0.333	0.348	0.335	0.363	0.346	0.332	10.10
62)	S	4-Bromofluorob...		0.513	0.354	0.426	0.466	0.456	0.443	13.28
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.341	0.345	0.353	0.340	0.360	0.339	0.346	2.43
65)	PM	Chlorobenzene	1.005	1.114	1.148	1.091	1.165	1.100	1.104	5.09
66)	T	1,1,1,2-Tetrac...	0.302	0.358	0.398	0.373	0.408	0.386	0.371	10.22
67)	C	Ethyl Benzene	1.696	1.905	2.030	1.933	2.062	1.945	1.929	6.68#
68)	T	m/p-Xylenes	0.635	0.705	0.764	0.724	0.765	0.718	0.719	6.68
69)	T	o-Xylene	0.498	0.686	0.729	0.692	0.739	0.698	0.673	13.15
70)	T	Styrene	0.993	1.144	1.256	1.208	1.267	1.203	1.179	8.57
71)	P	Bromoform	0.226	0.268	0.295	0.287	0.315	0.304	0.282	11.35
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.048	3.593	3.914	3.723	4.004	3.814	3.682	9.31
74)	T	N-amyl acetate	0.927	1.237	1.455	1.467	1.660	1.625	1.395	19.64
75)	P	1,1,2,2-Tetrac...	0.816	1.037	1.075	1.044	1.124	1.074	1.028	10.56
76)	T	1,2,3-Trichlor...	0.650	0.959	1.066	0.990	0.938	0.892	0.916	15.58
77)	T	Bromobenzene	0.744	0.861	0.953	0.892	0.956	0.911	0.886	8.87
78)	T	n-propylbenzene	3.642	4.243	4.682	4.430	4.737	4.509	4.374	9.16
79)	T	2-Chlorotoluene	2.363	2.596	2.736	2.586	2.770	2.618	2.611	5.50
80)	T	1,3,5-Trimethy...	2.497	2.888	3.297	3.072	3.294	3.108	3.026	9.94
81)	T	trans-1,4-Dich...		0.264	0.297	0.311	0.367	0.381	0.324	15.12
82)	T	4-Chlorotoluene	2.734	2.980	3.255	3.024	3.227	3.066	3.048	6.21
83)	T	tert-Butylbenzene	2.658	3.043	3.316	3.122	3.395	3.234	3.128	8.41
84)	T	1,2,4-Trimethy...	2.455	2.992	3.270	3.061	3.302	3.162	3.040	10.20
85)	T	sec-Butylbenzene	3.301	3.920	4.198	3.999	4.272	4.030	3.953	8.73
86)	T	p-Isopropyltol...	2.905	3.275	3.526	3.340	3.574	3.394	3.336	7.17
87)	T	1,3-Dichlorobe...	1.694	1.703	1.787	1.678	1.786	1.719	1.728	2.74
88)	T	1,4-Dichlorobe...	1.932	1.743	1.830	1.653	1.789	1.702	1.775	5.59
89)	T	n-Butylbenzene	2.986	2.970	3.284	3.154	3.415	3.194	3.167	5.43
90)	T	Hexachloroethane	0.522	0.523	0.601	0.584	0.647	0.627	0.584	8.97
91)	T	1,2-Dichlorobe...	1.460	1.604	1.701	1.592	1.703	1.627	1.615	5.55
92)	T	1,2-Dibromo-3-...	0.134	0.196	0.205	0.211	0.235	0.237	0.203	18.57
93)	T	1,2,4-Trichlor...	1.170	1.040	1.138	1.127	1.253	1.160	1.148	5.99
94)	T	Hexachlorobuta...	0.495	0.490	0.501	0.479	0.512	0.420	0.483	6.78
95)	T	Naphthalene	2.636	2.887	3.301	3.335	3.744	3.720	3.270	13.54
96)	T	1,2,3-Trichlor...	0.957	1.062	1.129	1.082	1.206	1.153	1.098	7.87

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	130530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	10456	5.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.580%#		
35) Dibromofluoromethane	5.403	113	7865	5.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.960%#		
50) Toluene-d8	8.653	98	29120	5.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.280%#		
62) 4-Bromofluorobenzene	11.079	95	11137	5.791	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	11.580%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	6051	4.342	ug/l	99
3) Chloromethane	1.307	50	7066	4.698	ug/l	90
4) Vinyl Chloride	1.386	62	7425	4.629	ug/l	99
5) Bromomethane	1.617	94	4837	5.360	ug/l	95
6) Chloroethane	1.703	64	4575	4.706	ug/l	92
7) Trichlorofluoromethane	1.904	101	11714	4.810	ug/l	92
8) Diethyl Ether	2.148	74	4038	4.831	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	7353	4.921	ug/l	96
10) Methyl Iodide	2.465	142	5830	7.181	ug/l	99
11) Tert butyl alcohol	2.959	59	3134	19.340	ug/l	99
12) 1,1-Dichloroethene	2.337	96	6884	4.775	ug/l	91
13) Acrolein	2.251	56	6208	26.301	ug/l	100
14) Allyl chloride	2.678	41	12195	4.668	ug/l	99
15) Acrylonitrile	3.081	53	17611	24.169	ug/l	99
16) Acetone	2.392	43	14275	23.710	ug/l	98
17) Carbon Disulfide	2.526	76	19624	4.507	ug/l	100
18) Methyl Acetate	2.721	43	7530	4.924	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	21254	4.734	ug/l	97
20) Methylene Chloride	2.800	84	8556	5.110	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	7425	4.813	ug/l	97
22) Diisopropyl ether	3.769	45	24580	4.895	ug/l #	67
23) Vinyl Acetate	3.739	43	92889	23.264	ug/l	98
24) 1,1-Dichloroethane	3.623	63	13761	4.827	ug/l	99
25) 2-Butanone	4.580	43	20821	24.452	ug/l	97
26) 2,2-Dichloropropane	4.483	77	10020	4.819	ug/l	96
27) cis-1,2-Dichloroethene	4.507	96	8891	4.906	ug/l	99
28) Bromochloromethane	4.910	49	6884	5.326	ug/l #	96
29) Tetrahydrofuran	5.025	42	13402	24.367	ug/l	99
30) Chloroform	5.099	83	14385	5.046	ug/l	86
31) Cyclohexane	5.483	56	12835	4.748	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	12150	4.859	ug/l	97
36) 1,1-Dichloropropene	5.702	75	10359	4.998	ug/l	99
37) Ethyl Acetate	4.733	43	8763	4.580	ug/l	96
38) Carbon Tetrachloride	5.690	117	11043	4.909	ug/l	98
39) Methylcyclohexane	7.391	83	13704	5.024	ug/l #	87
40) Benzene	6.050	78	31061	5.064	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.940	41	4488	4.400 ug/l #	92
42) 1,2-Dichloroethane	6.104	62	11029	5.116 ug/l	98
43) Isopropyl Acetate	6.348	43	14711	4.914 ug/l	97
44) Trichloroethene	7.135	130	7703	4.927 ug/l	93
45) 1,2-Dichloropropane	7.433	63	7529	4.952 ug/l	97
46) Dibromomethane	7.592	93	5267	4.821 ug/l	95
47) Bromodichloromethane	7.824	83	11072	4.966 ug/l	96
48) Methyl methacrylate	7.702	41	6864	4.571 ug/l	99
49) 1,4-Dioxane	7.671	88	1949	113.091 ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	44282	24.800 ug/l	97
52) Toluene	8.720	92	19190	5.046 ug/l	99
53) t-1,3-Dichloropropene	8.982	75	9497	4.591 ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	11188	4.764 ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	7151	5.046 ug/l	95
56) Ethyl methacrylate	9.122	69	10101	4.828 ug/l	99
57) 1,3-Dichloropropane	9.311	76	12483	5.115 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	26158	24.071 ug/l	100
59) 2-Hexanone	9.433	43	30938	25.062 ug/l	99
60) Dibromochloromethane	9.518	129	8249	4.939 ug/l	99
61) 1,2-Dibromoethane	9.610	107	7221	5.009 ug/l	98
64) Tetrachloroethene	9.275	164	6755	4.980 ug/l	97
65) Chlorobenzene	10.079	112	21807	5.046 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	7006	4.823 ug/l	98
67) Ethyl Benzene	10.195	91	37295	4.939 ug/l	98
68) m/p-Xylenes	10.299	106	27609	9.812 ug/l	96
69) o-Xylene	10.640	106	13421	5.090 ug/l	97
70) Styrene	10.659	104	22403	4.855 ug/l	100
71) Bromoform	10.799	173	5248	4.744 ug/l #	100
73) Isopropylbenzene	10.963	105	36281	4.878 ug/l	99
74) N-amyl acetate	10.841	43	12496	4.434 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	10468	5.040 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	9687m	4.722 ug/l	
77) Bromobenzene	11.201	156	8694	4.857 ug/l	95
78) n-propylbenzene	11.305	91	42848	4.850 ug/l	100
79) 2-Chlorotoluene	11.366	91	26221	4.971 ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	29167	4.772 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2663	4.070 ug/l	94
82) 4-Chlorotoluene	11.457	91	30097	4.889 ug/l	99
83) tert-Butylbenzene	11.713	119	30728	4.864 ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	30213	4.920 ug/l	98
85) sec-Butylbenzene	11.890	105	39588	4.958 ug/l	100
86) p-Isopropyltoluene	12.006	119	33076	4.909 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	17198	4.928 ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	17600	4.910 ug/l	95
89) n-Butylbenzene	12.329	91	29990	4.688 ug/l	98
90) Hexachloroethane	12.536	117	5285	4.480 ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	16203	4.968 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1982	4.834 ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	10507	4.532 ug/l	99
94) Hexachlorobutadiene	13.725	225	4953	5.078 ug/l	95
95) Naphthalene	13.774	128	29158	4.414 ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10725	4.835 ug/l	96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

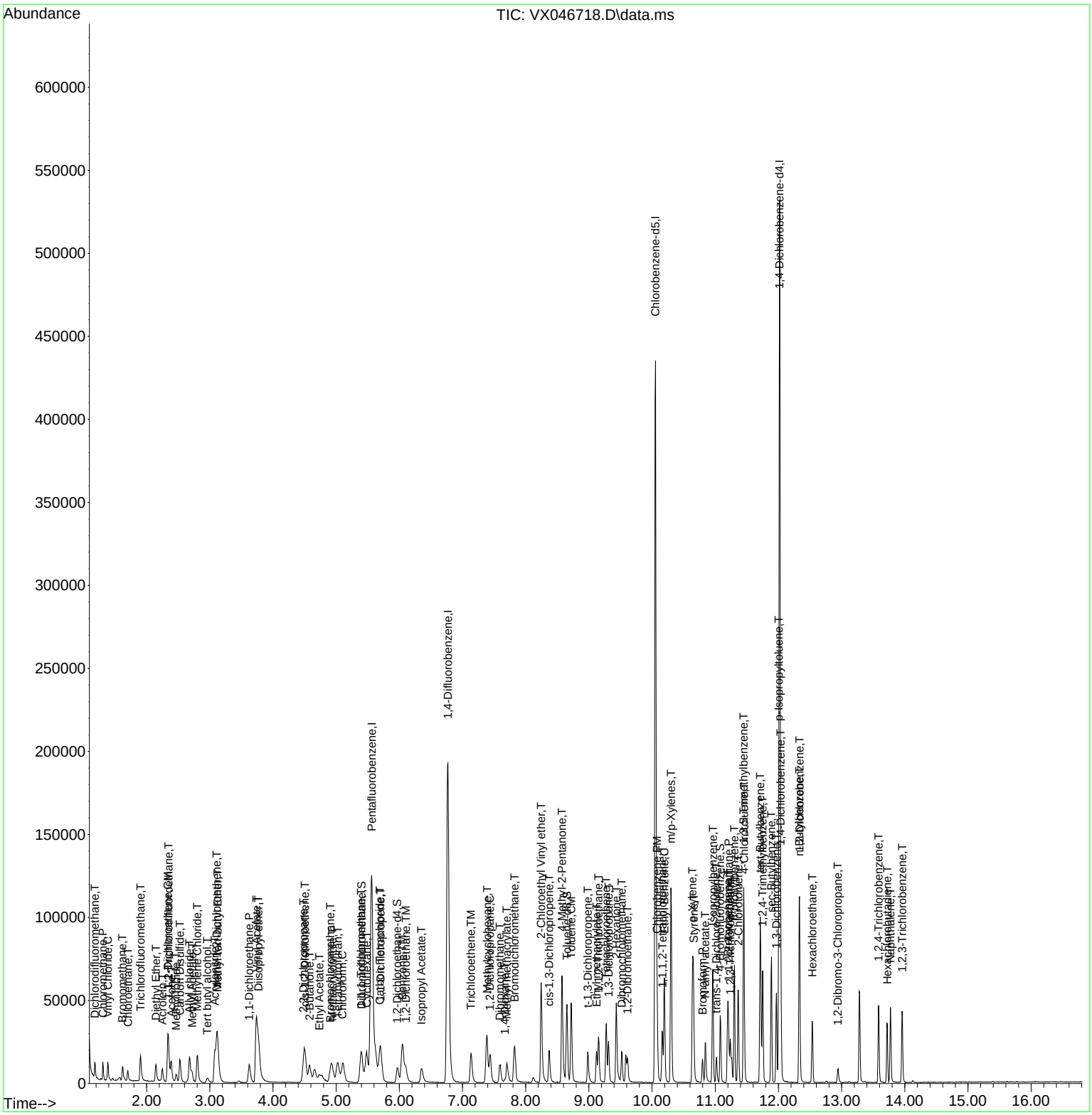
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

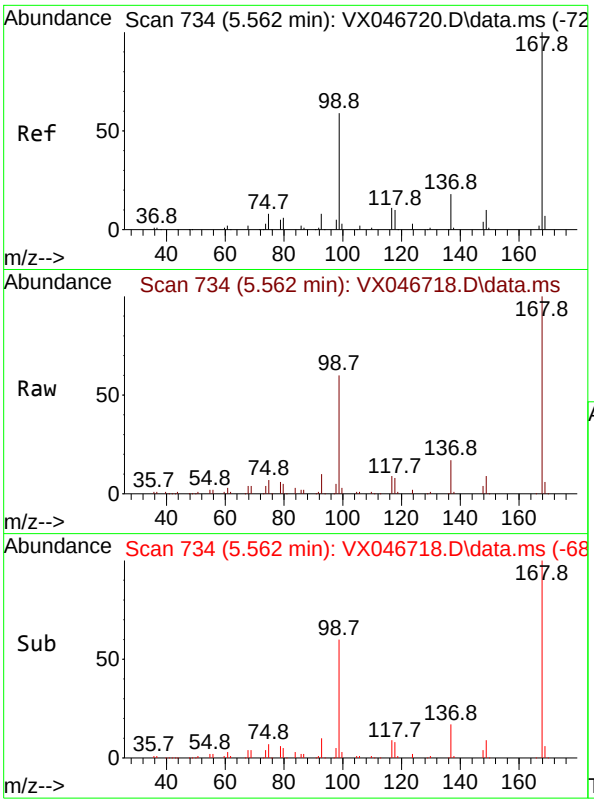
Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

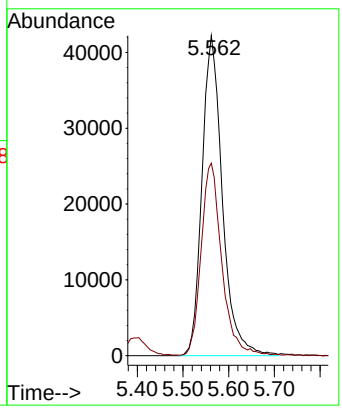




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:168 Resp: 13053

Ion	Ratio	Lower	Upper
168	100		
99	60.0	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
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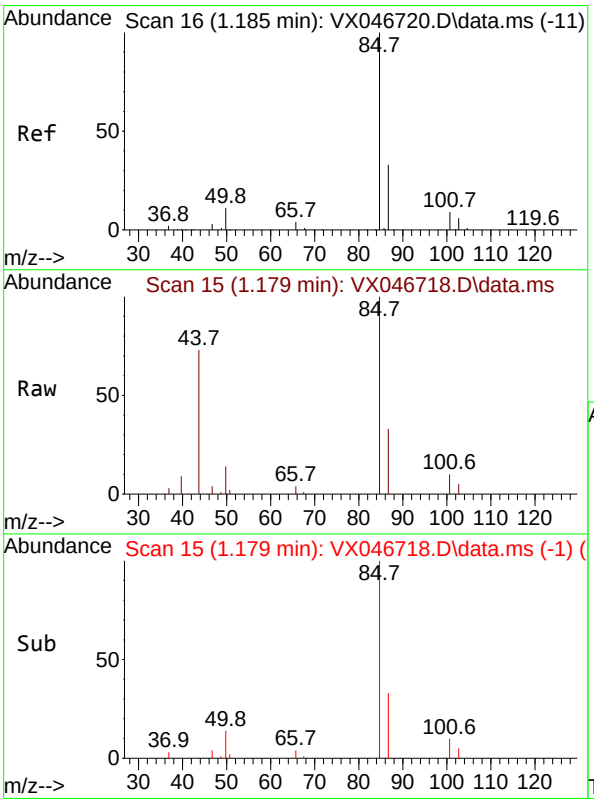
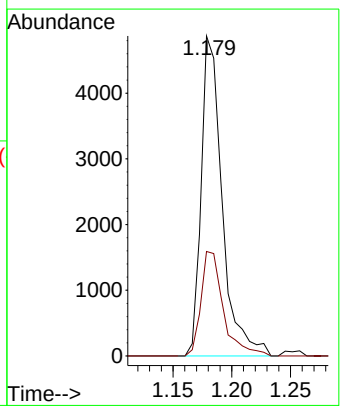
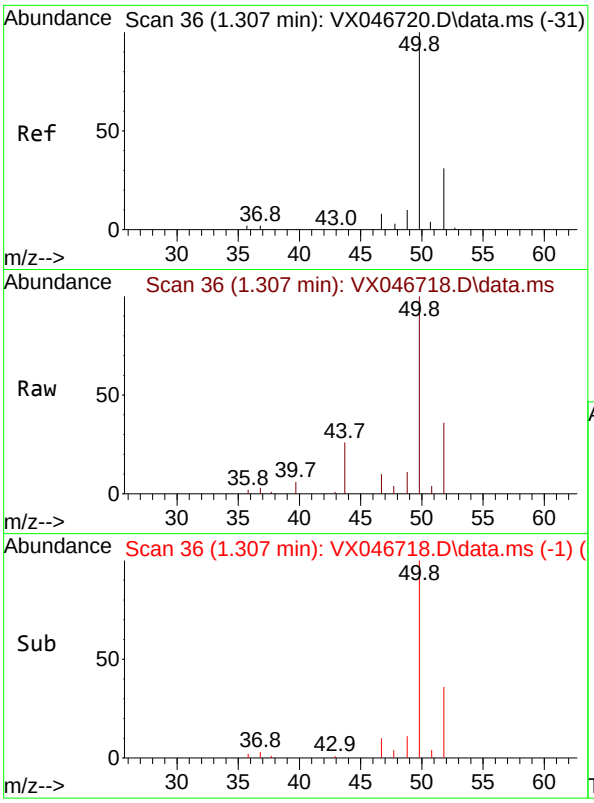


#2
Dichlorodifluoromethane
Concen: 4.342 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 85 Resp: 6051

Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.6	49.8





#3
Chloromethane
Concen: 4.698 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

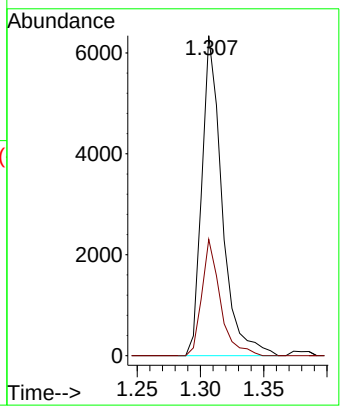
Tgt Ion: 50 Resp: 706

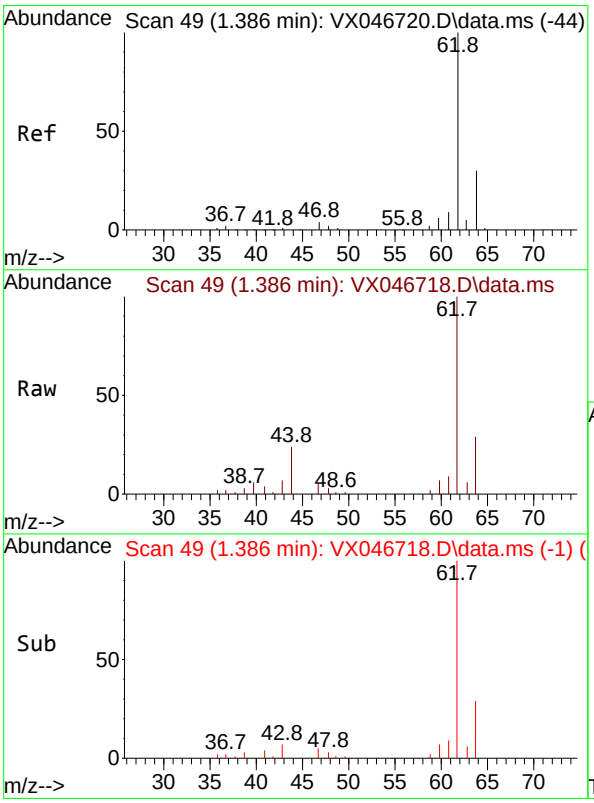
Ion	Ratio	Lower	Upper
50	100		
52	36.4	24.9	37.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

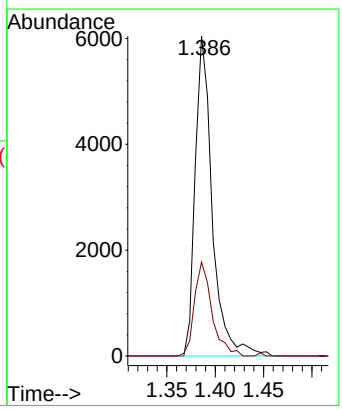


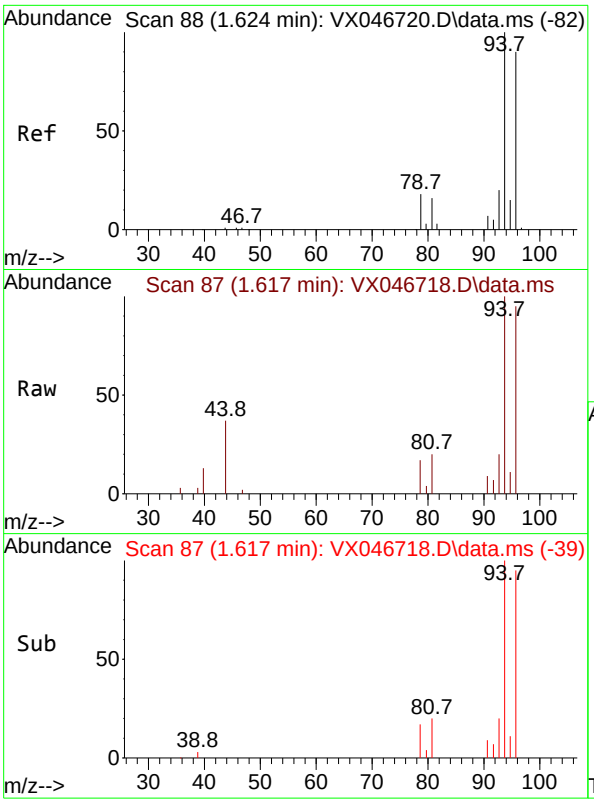


#4
Vinyl Chloride
Concen: 4.629 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 62 Resp: 7425

Ion	Ratio	Lower	Upper
62	100		
64	29.3	23.9	35.9

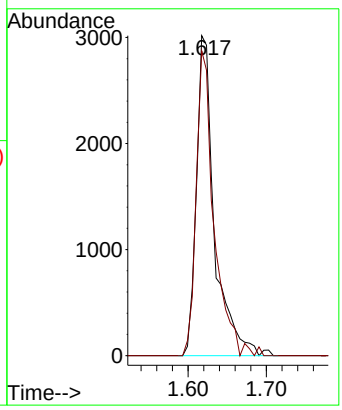




#5
Bromomethane
Concen: 5.360 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 94 Resp: 483

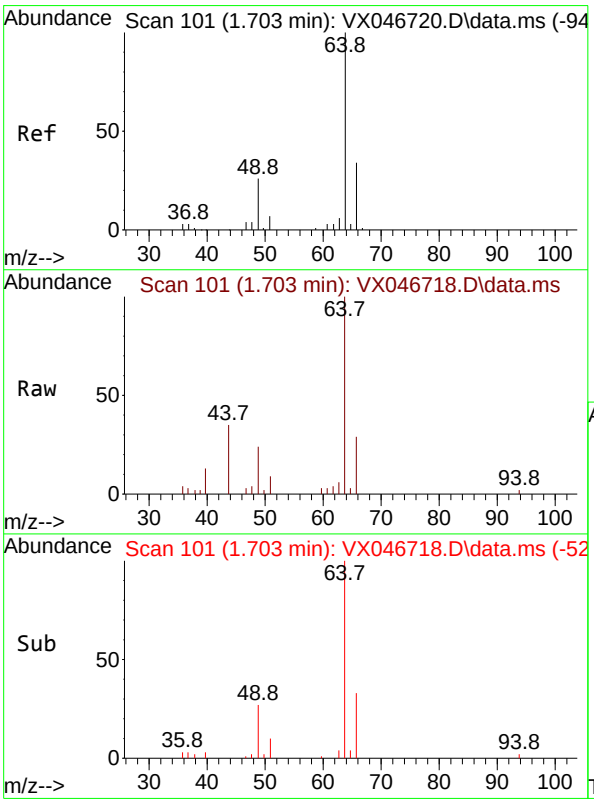
Ion	Ratio	Lower	Upper
94	100		
96	95.3	72.3	108.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

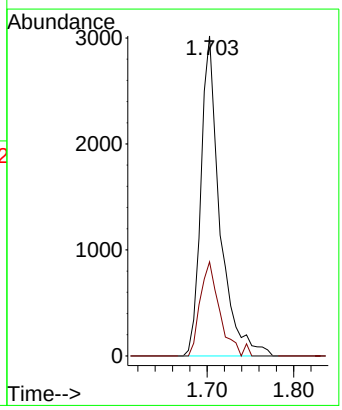
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

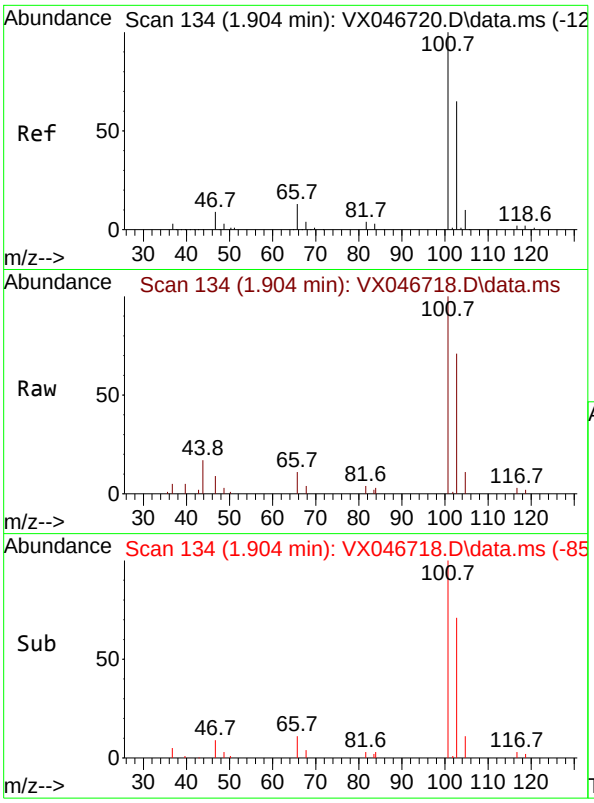


#6
Chloroethane
Concen: 4.706 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 64 Resp: 4575

Ion	Ratio	Lower	Upper
64	100		
66	29.4	27.1	40.7

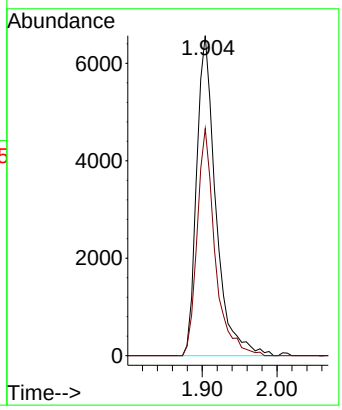




#7
Trichlorofluoromethane
Concen: 4.810 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:101 Resp: 1171

Ion	Ratio	Lower	Upper
101	100		
103	70.9	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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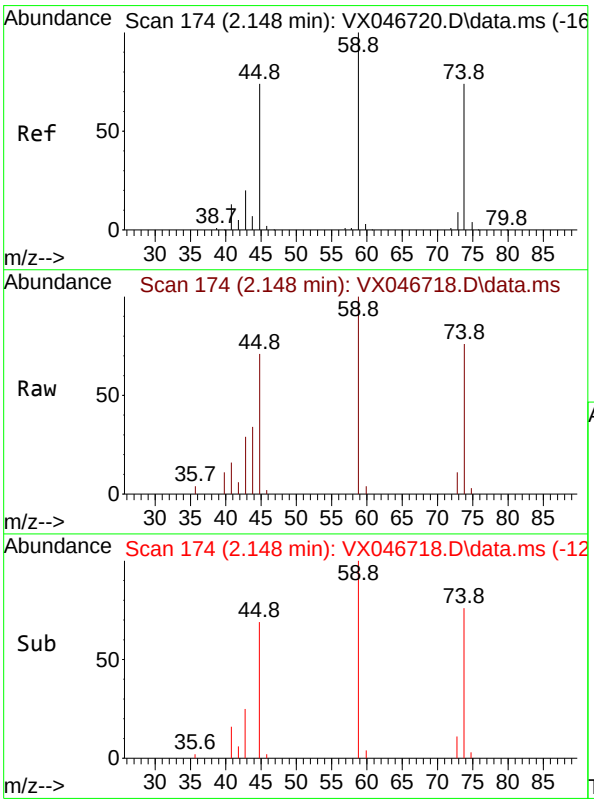
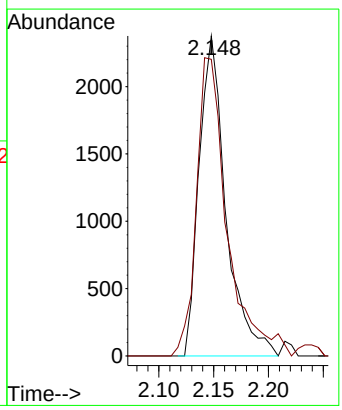
Supervised By :Mahesh Dadoda 06/18/2025

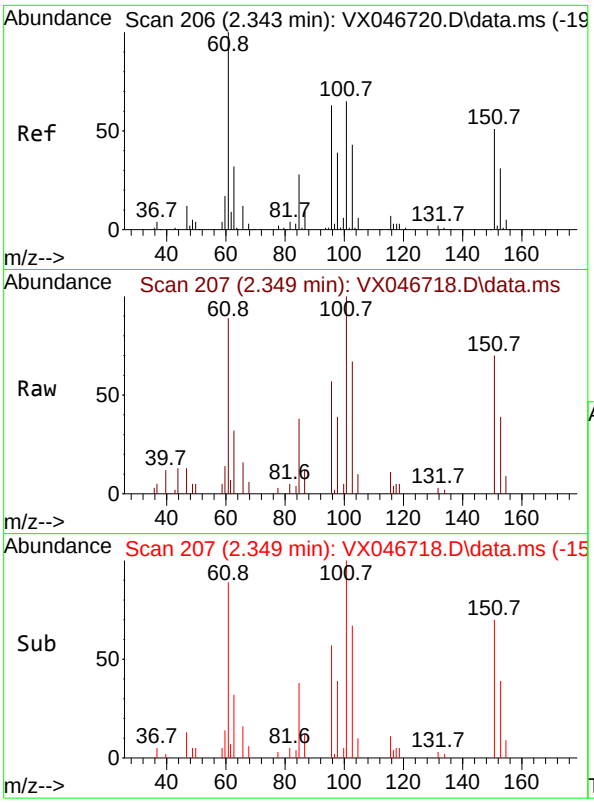


#8
Diethyl Ether
Concen: 4.831 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 74 Resp: 4038

Ion	Ratio	Lower	Upper
74	100		
45	106.5	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.921 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:101 Resp: 735

Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.4	53.0
151	71.5	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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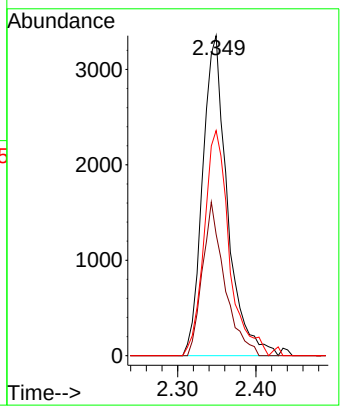
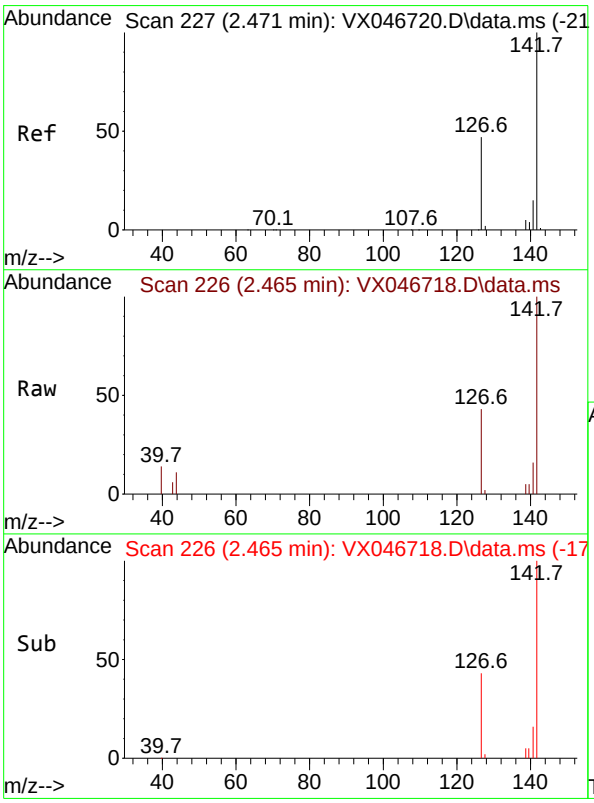
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

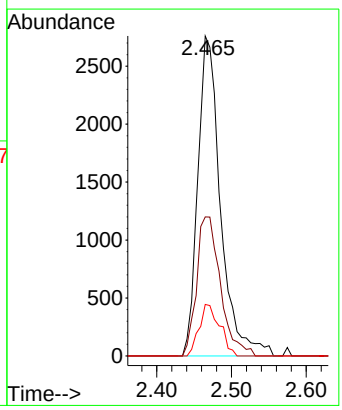


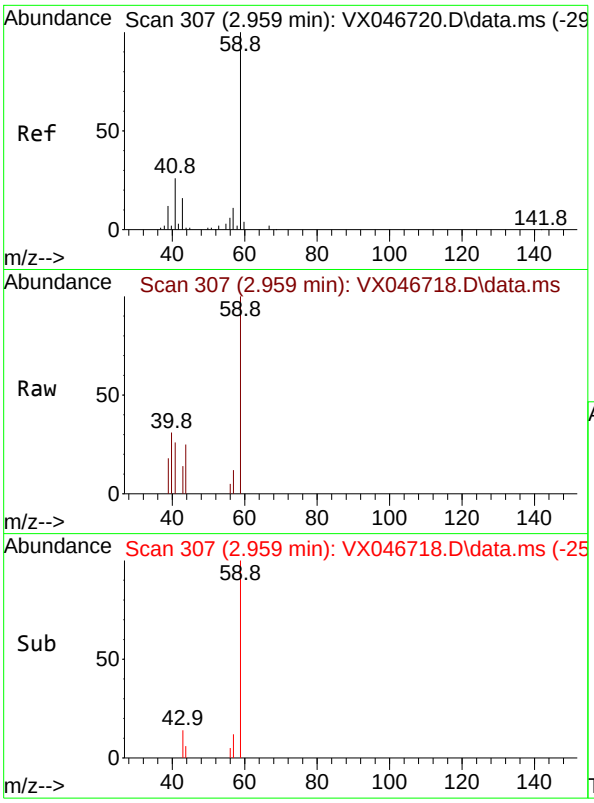


#10
Methyl Iodide
Concen: 7.181 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:142 Resp: 5830

Ion	Ratio	Lower	Upper
142	100		
127	45.5	37.0	55.6
141	14.6	11.5	17.3





#11
Tert butyl alcohol
Concen: 19.340 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 59 Resp: 3134

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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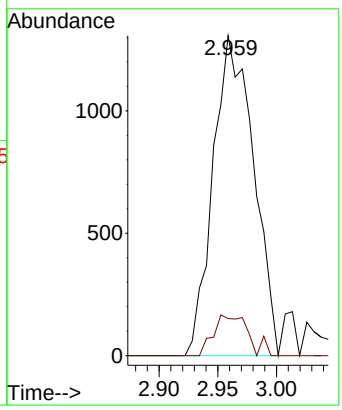
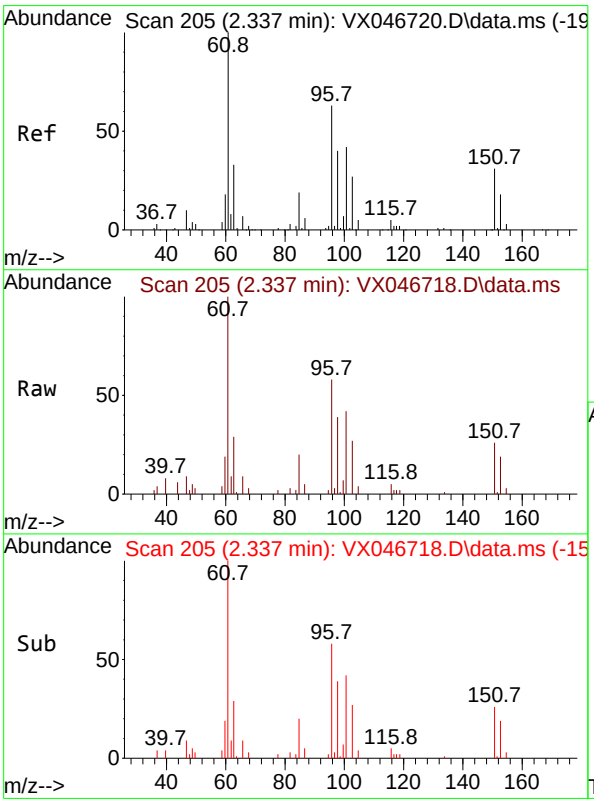
Supervised By :Mahesh Dadoda 06/18/2025

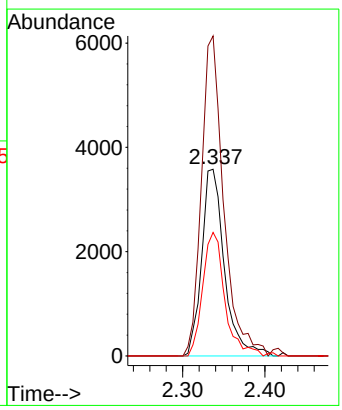


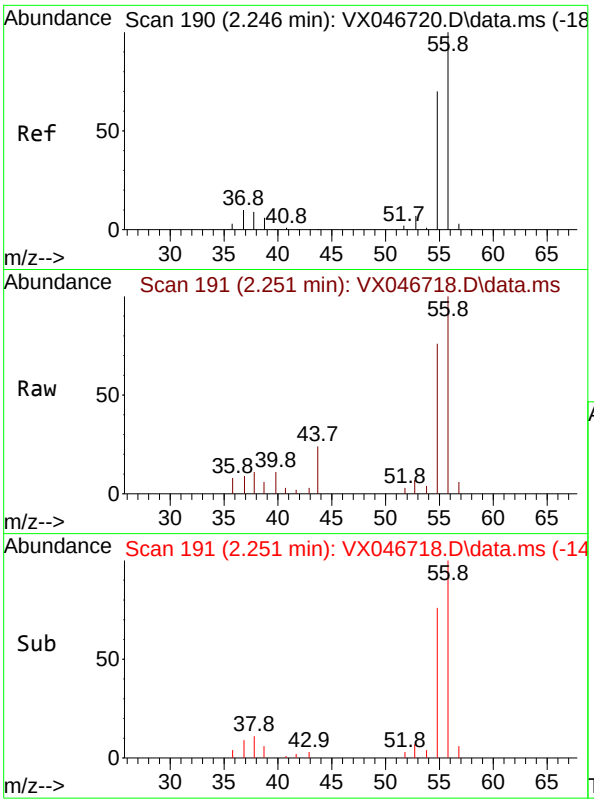


#12
1,1-Dichloroethene
Concen: 4.775 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 96 Resp: 6884

Ion	Ratio	Lower	Upper
96	100		
61	171.4	126.6	189.8
98	68.2	50.7	76.1

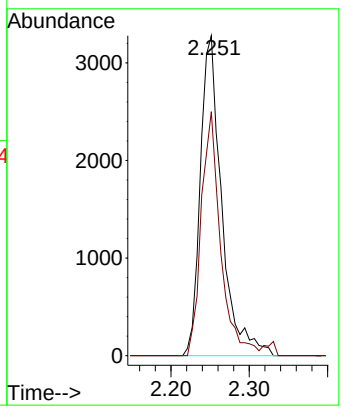




#13
Acrolein
Concen: 26.301 ug/l
RT: 2.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 56 Resp: 620

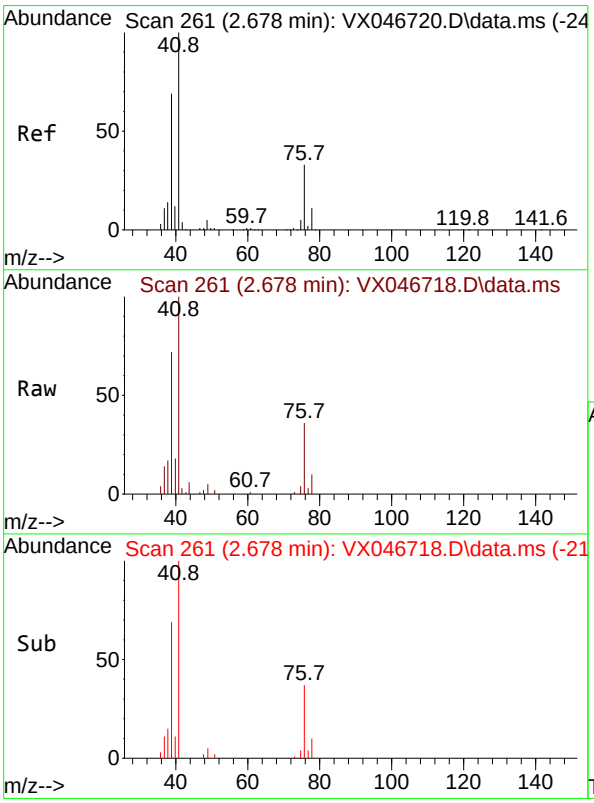
Ion	Ratio	Lower	Upper
56	100		
55	68.8	55.2	82.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

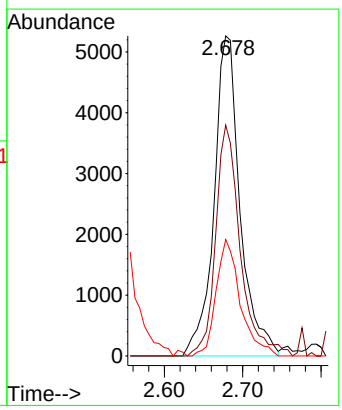
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

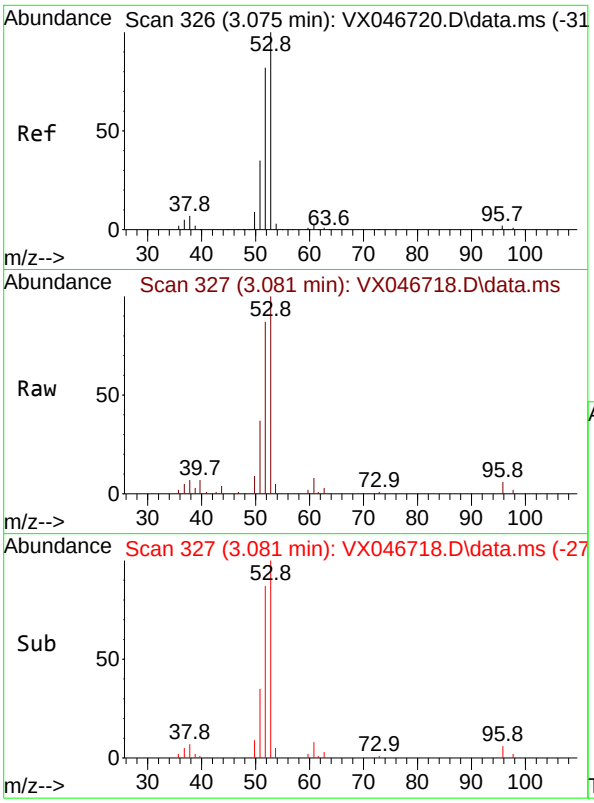


#14
Allyl chloride
Concen: 4.668 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 41 Resp: 12195

Ion	Ratio	Lower	Upper
41	100		
39	68.1	53.6	80.4
76	33.8	26.8	40.2





#15
Acrylonitrile
Concen: 24.169 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 53 Resp: 1761

Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.1	97.7
51	35.6	28.9	43.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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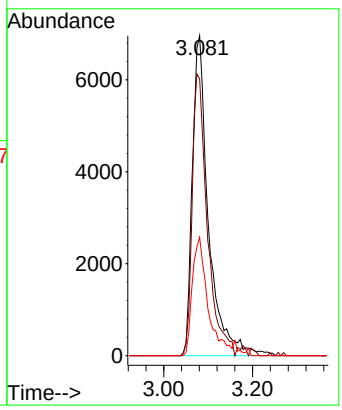
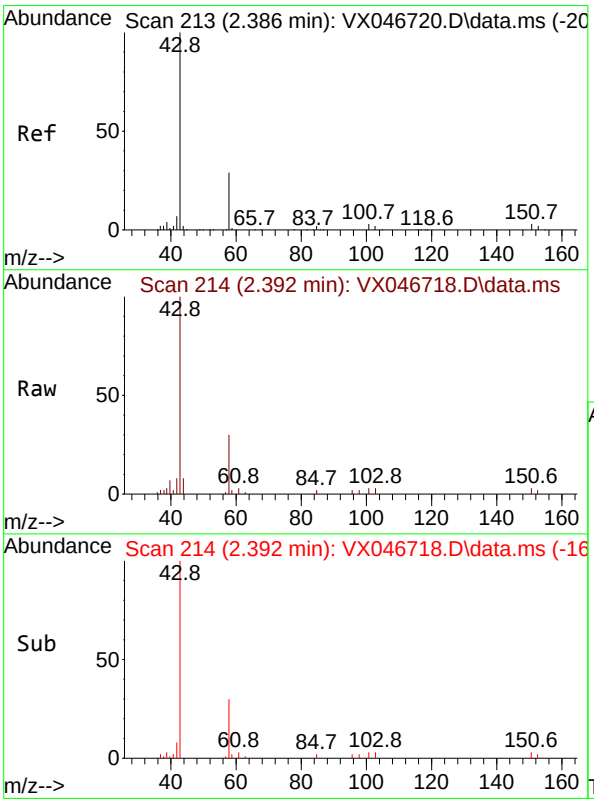
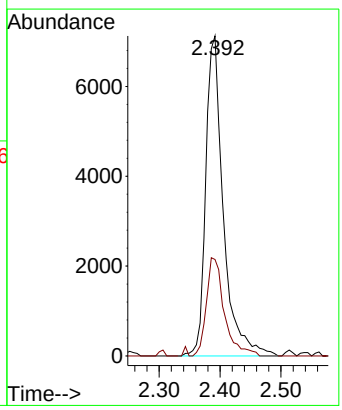


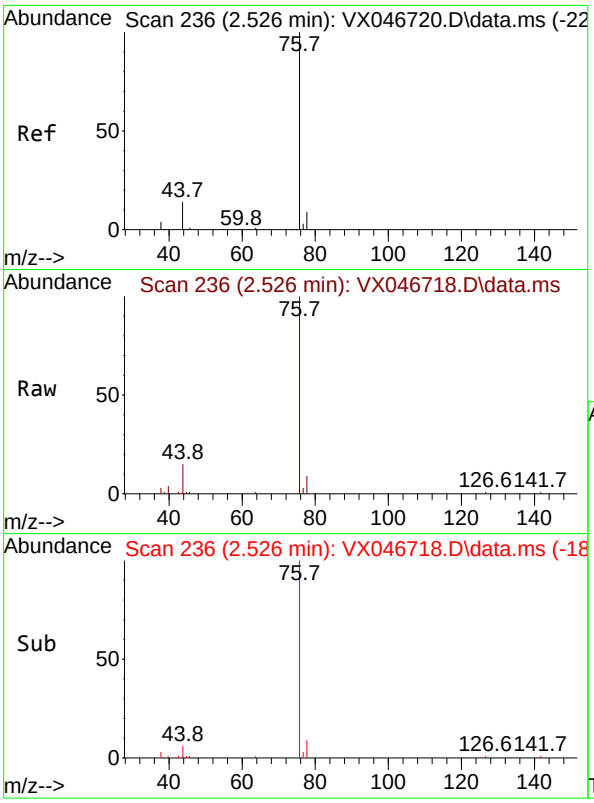


#16
Acetone
Concen: 23.710 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 14275

Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.5	36.7

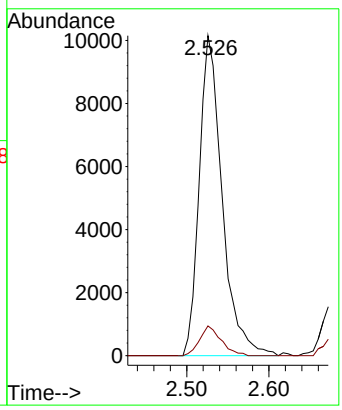




#17
Carbon Disulfide
Concen: 4.507 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 76 Resp: 1962

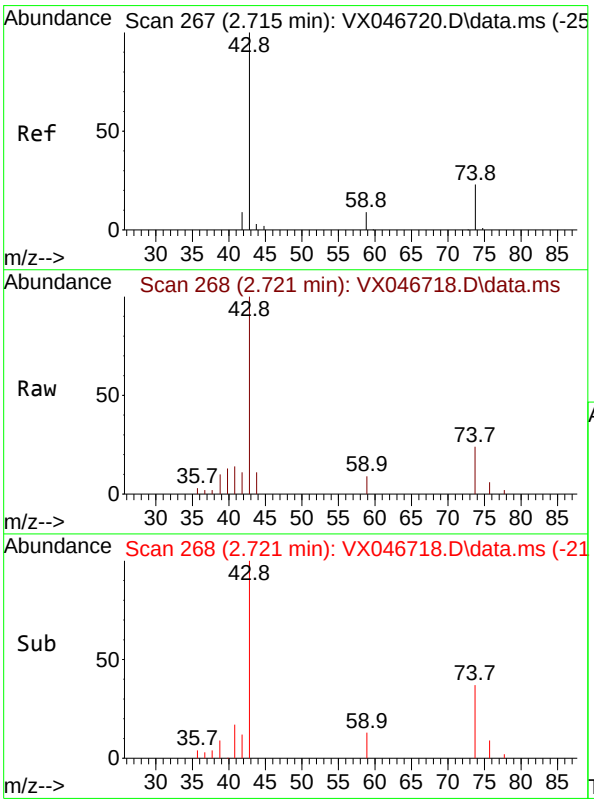
Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

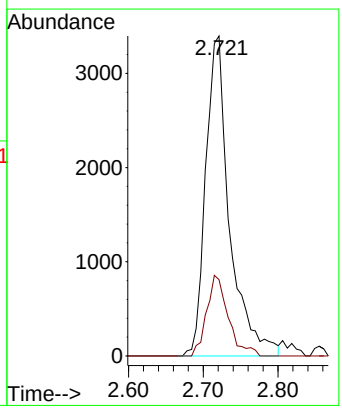
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

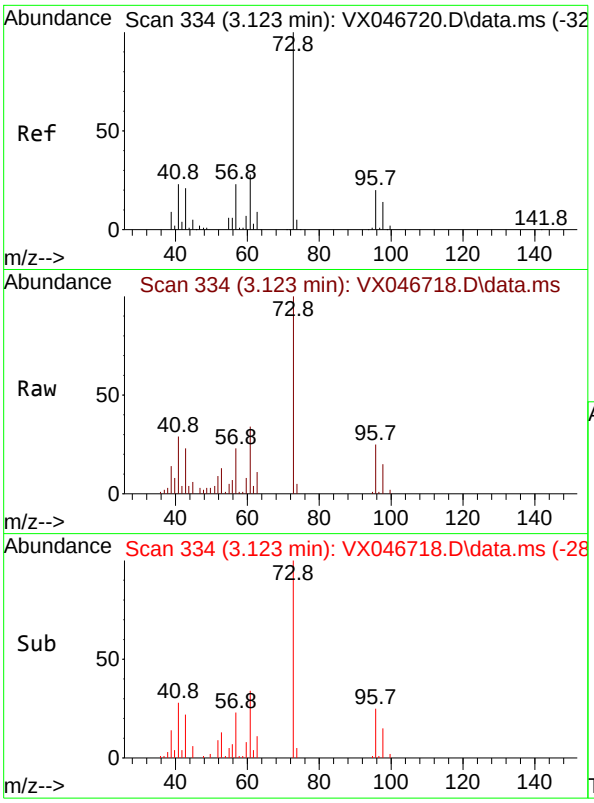


#18
Methyl Acetate
Concen: 4.924 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 7530

Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.4	27.6

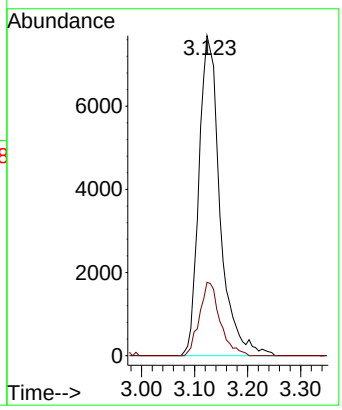




#19
Methyl tert-butyl Ether
Concen: 4.734 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 73 Resp: 2125

Ion	Ratio	Lower	Upper
73	100		
57	24.0	18.2	27.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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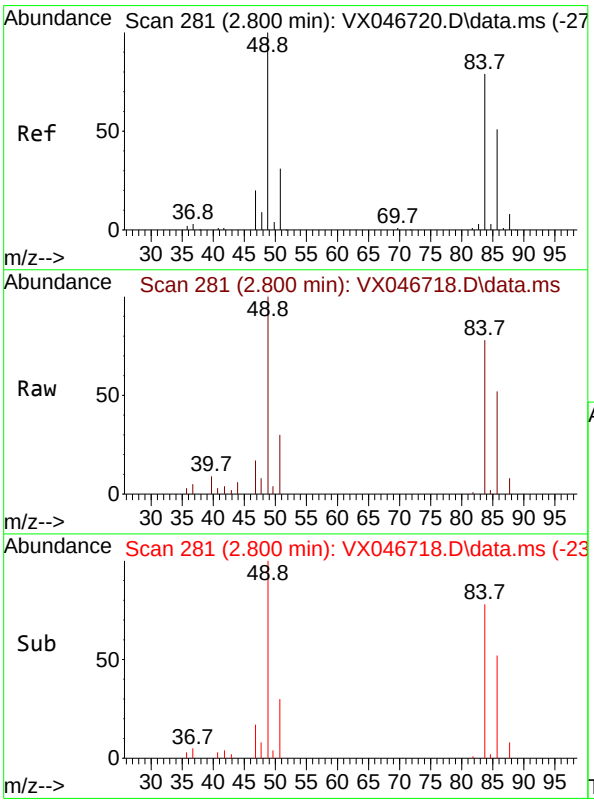
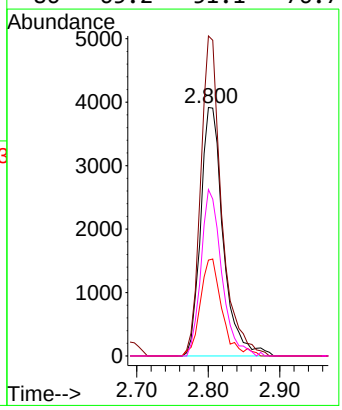
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

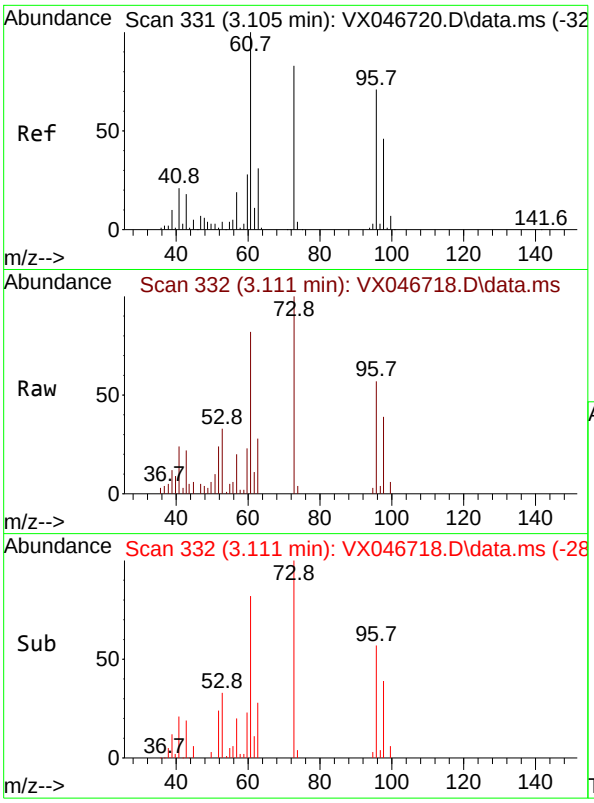


#20
Methylene Chloride
Concen: 5.110 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 84 Resp: 8556

Ion	Ratio	Lower	Upper
84	100		
49	130.6	101.3	151.9
51	37.6	31.0	46.6
86	65.2	51.1	76.7

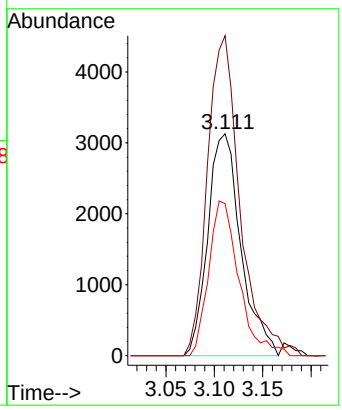




#21
trans-1,2-Dichloroethene
Concen: 4.813 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 96 Resp: 742

Ion	Ratio	Lower	Upper
96	100		
61	144.2	112.5	168.7
98	68.5	51.9	77.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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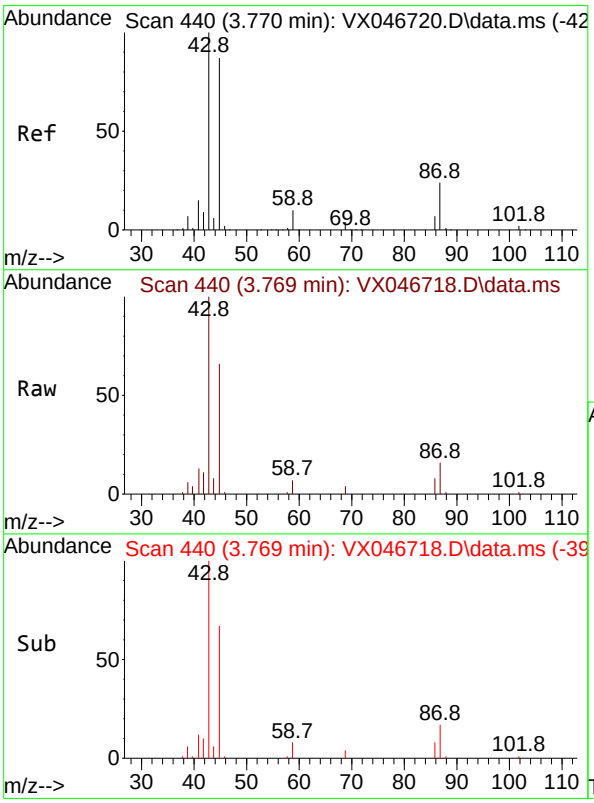
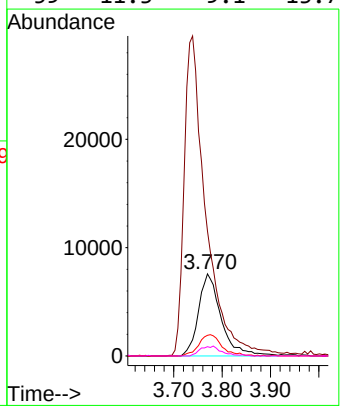
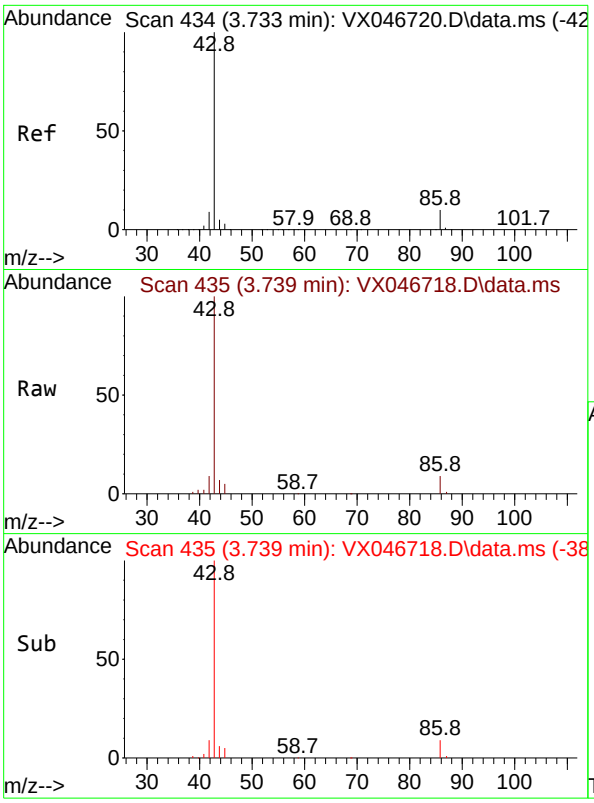


#22
Diisopropyl ether
Concen: 4.895 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 45 Resp: 24580

Ion	Ratio	Lower	Upper
45	100		
43	160.9	91.9	137.9#
87	25.1	22.0	33.0
59	11.3	9.1	13.7





#23
Vinyl Acetate
Concen: 23.264 ug/l
RT: 3.739 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 9288

Ion	Ratio	Lower	Upper
43	100		
86	9.5	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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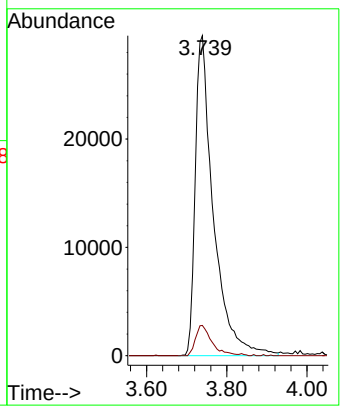
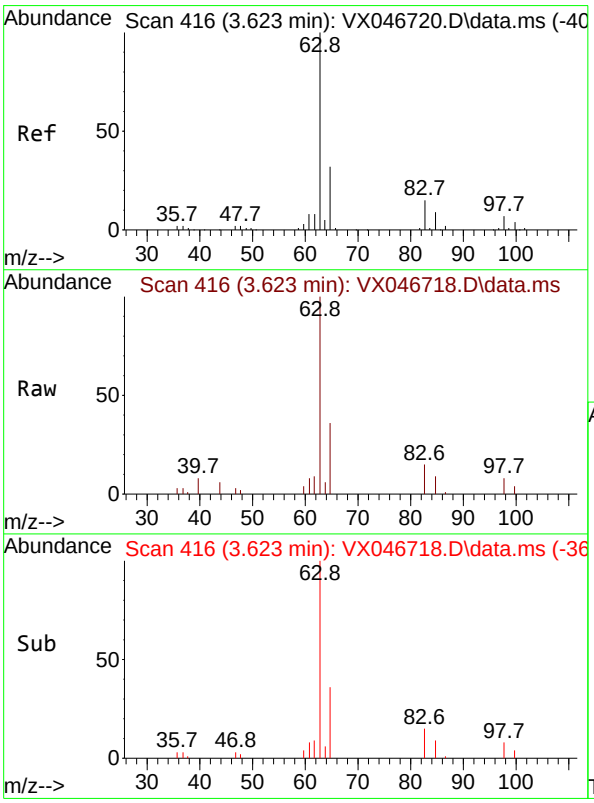
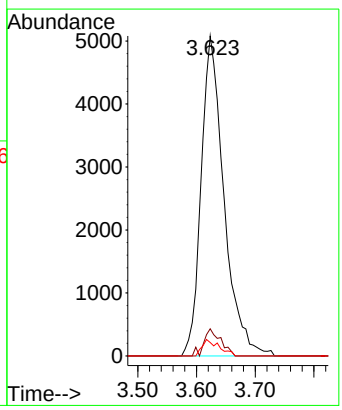


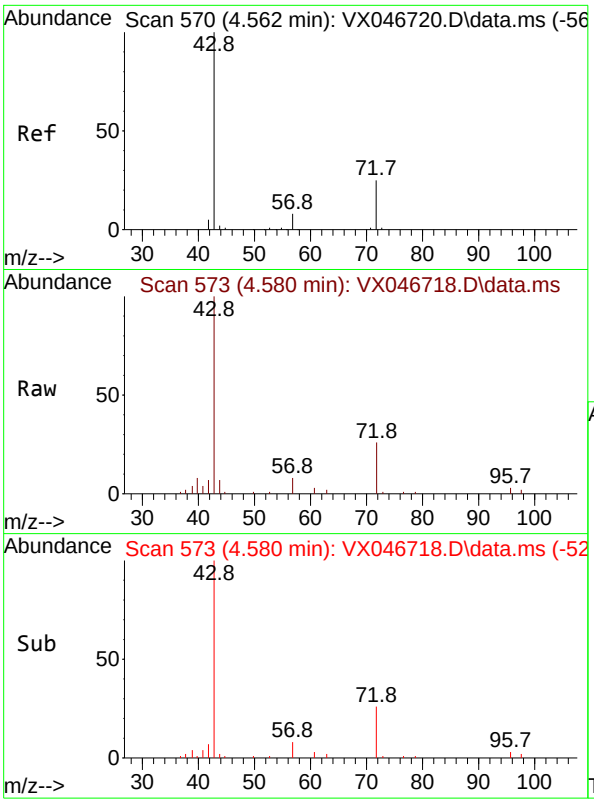


#24
1,1-Dichloroethane
Concen: 4.827 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 63 Resp: 13761

Ion	Ratio	Lower	Upper
63	100		
98	8.5	4.0	11.9
100	4.2	2.2	6.6





#25
2-Butanone
Concen: 24.452 ug/l
RT: 4.580 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 2082

Ion	Ratio	Lower	Upper
43	100		
72	26.8	20.2	30.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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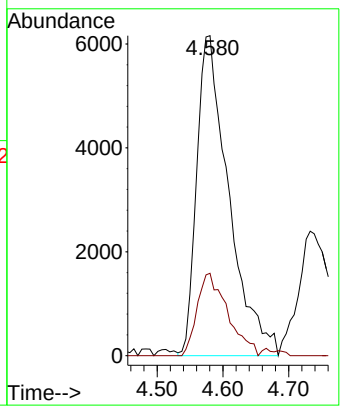
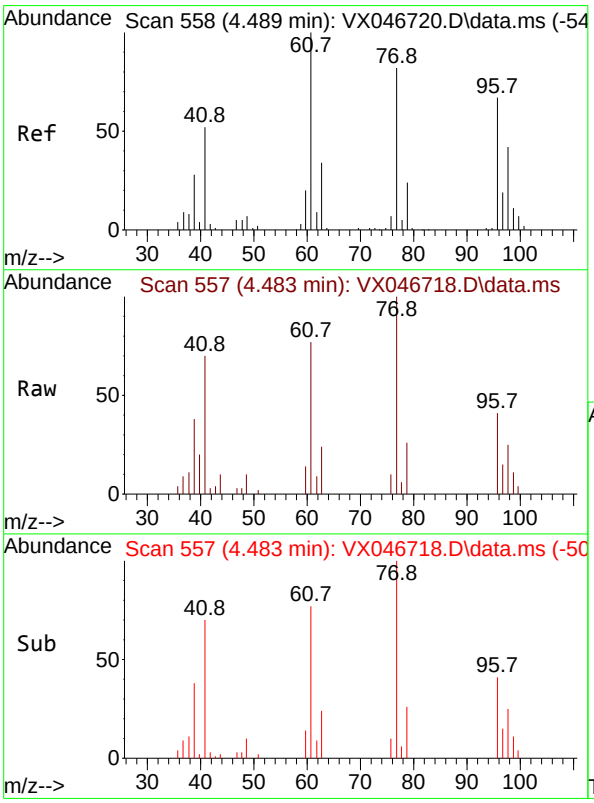
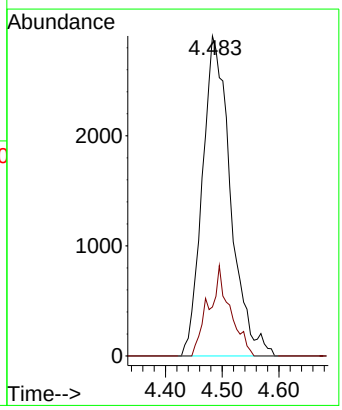


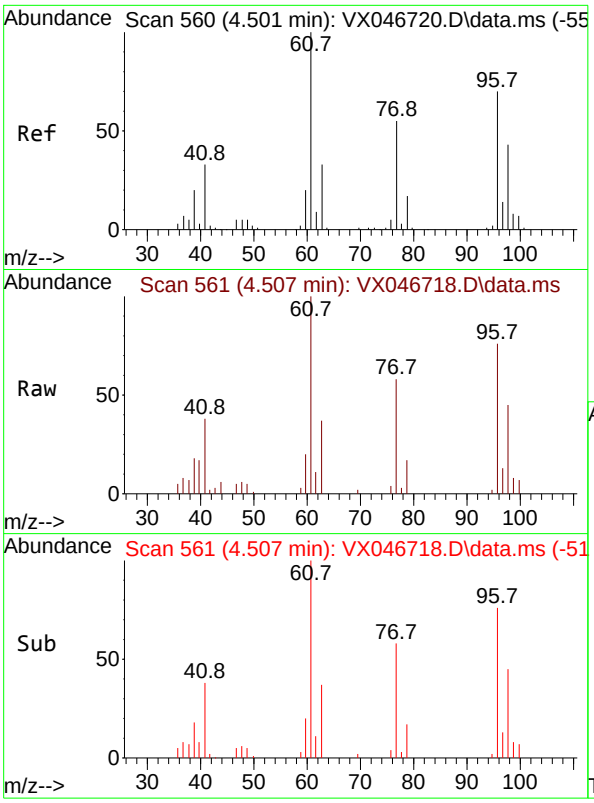


#26
2,2-Dichloropropane
Concen: 4.819 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 77 Resp: 10020

Ion	Ratio	Lower	Upper
77	100		
97	21.7	11.8	35.3





#27
cis-1,2-Dichloroethene
Concen: 4.906 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 96 Resp: 889

Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	291.0
98	64.6	0.0	126.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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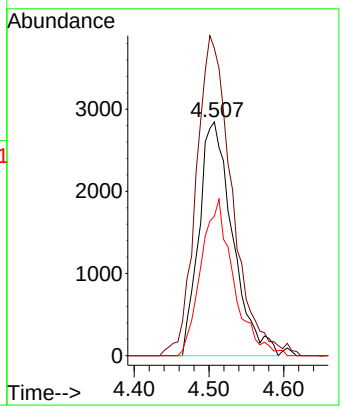
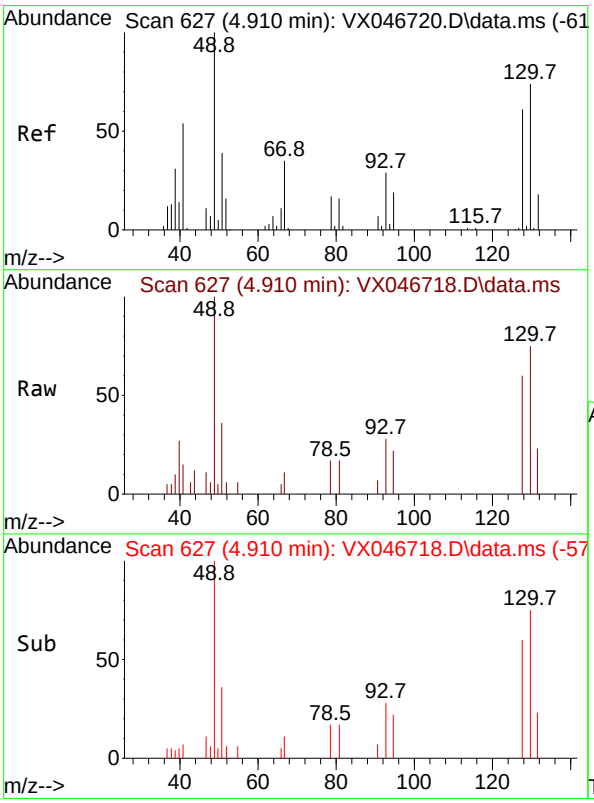
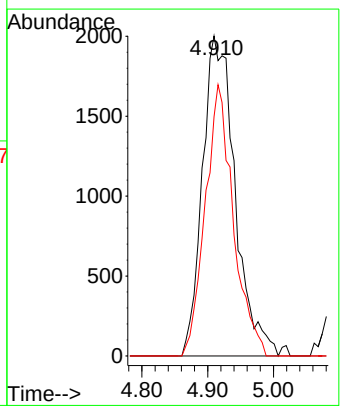


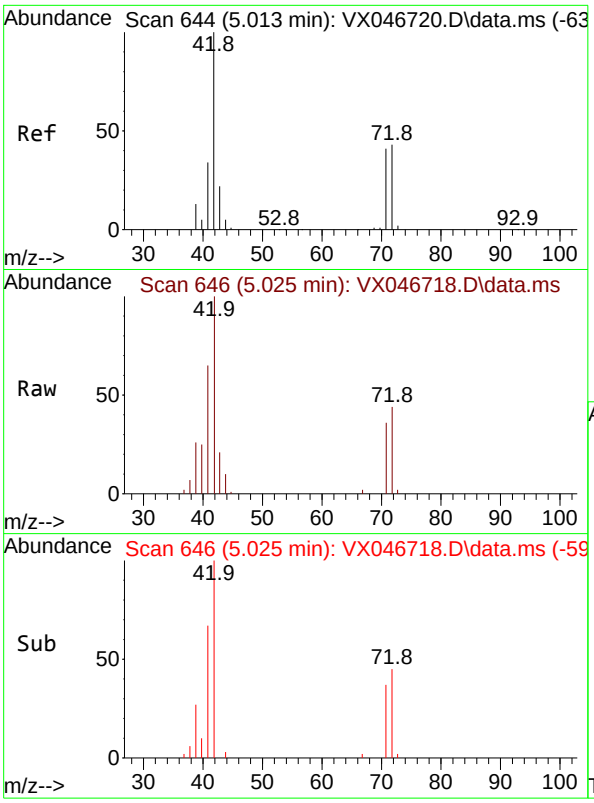


#28
Bromochloromethane
Concen: 5.326 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 49 Resp: 6884

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	73.3	61.4	92.0





#29
Tetrahydrofuran
Concen: 24.367 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 42 Resp: 1340

Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.9	52.3
71	40.5	32.2	48.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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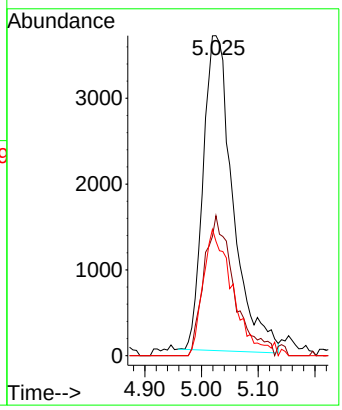
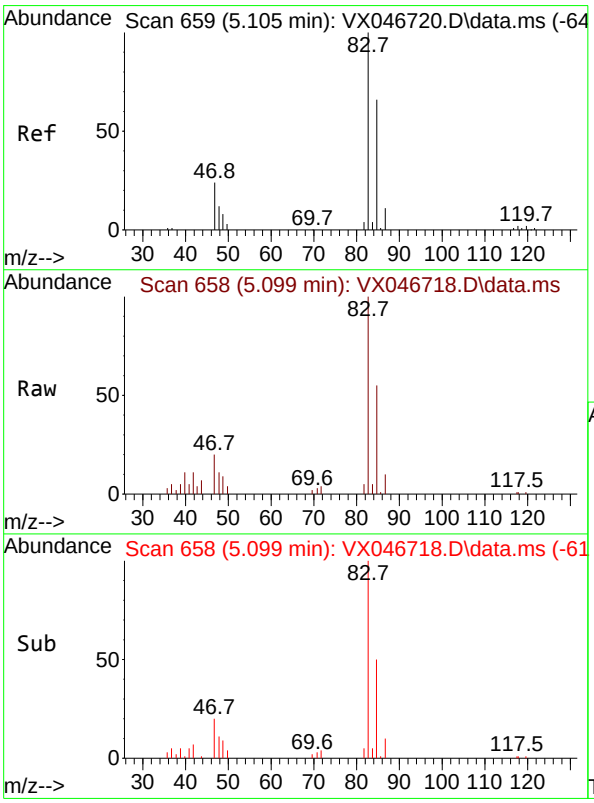
Supervised By :Mahesh Dadoda 06/18/2025

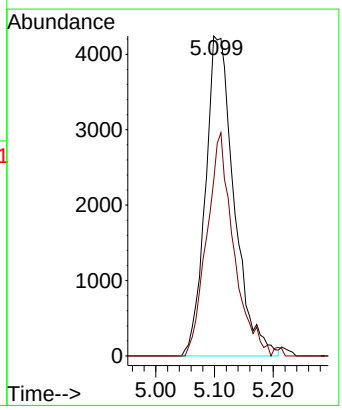


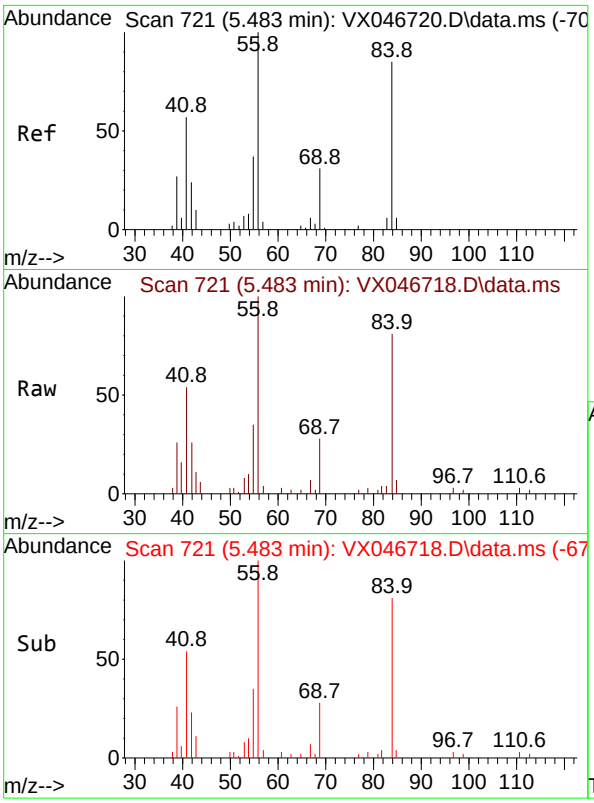


#30
Chloroform
Concen: 5.046 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 83 Resp: 14385

Ion	Ratio	Lower	Upper
83	100		
85	56.2	53.7	80.5

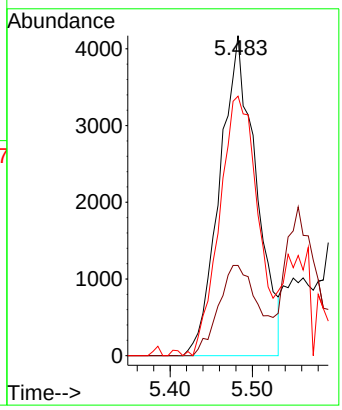




#31
Cyclohexane
Concen: 4.748 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 56 Resp: 1283

Ion	Ratio	Lower	Upper
56	100		
69	28.2	24.8	37.2
84	79.6	68.2	102.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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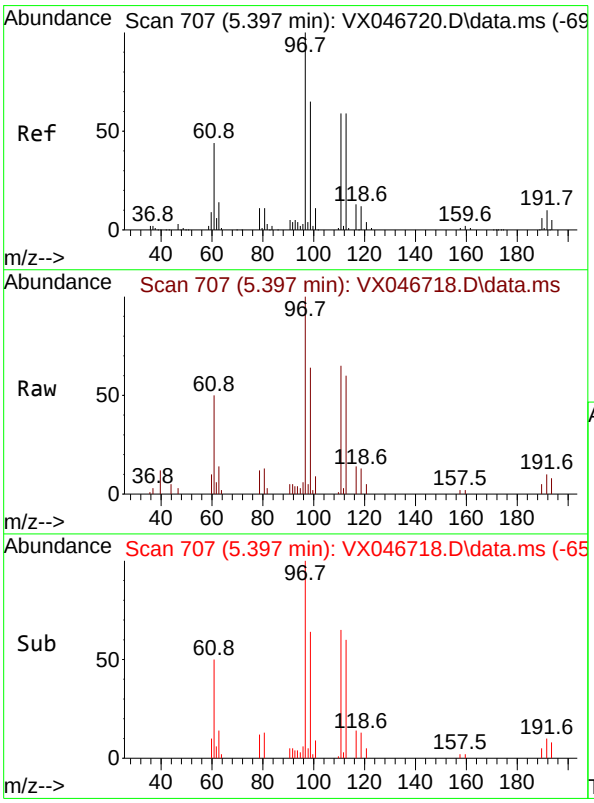
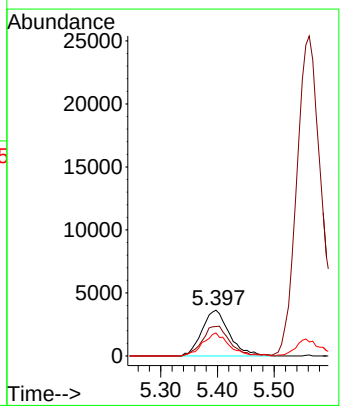
Supervised By :Mahesh Dadoda 06/18/2025

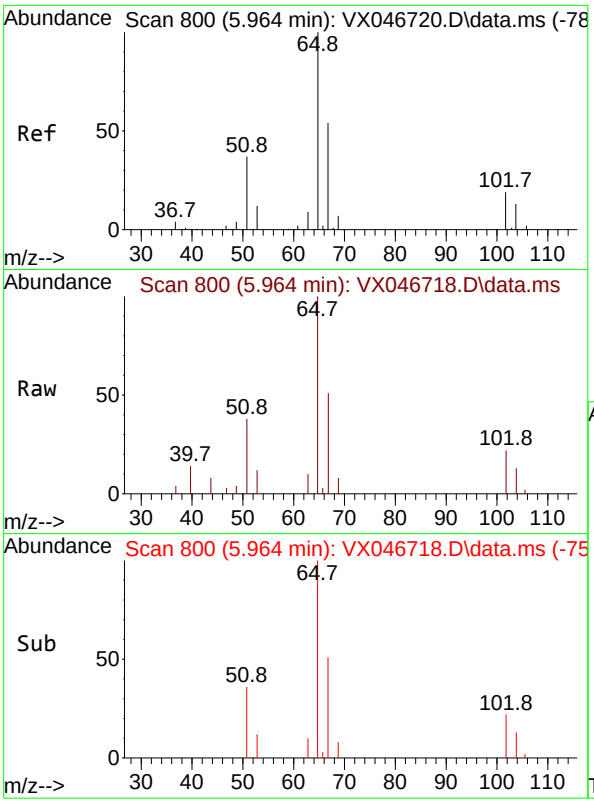


#32
1,1,1-Trichloroethane
Concen: 4.859 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 97 Resp: 12150

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.3	76.9
61	47.8	36.4	54.6

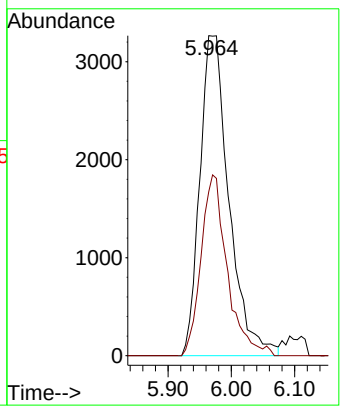




#33
1,2-Dichloroethane-d4
Concen: 5.791 ug/l
RT: 5.964 min Scan# 8(
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 65 Resp: 1045(

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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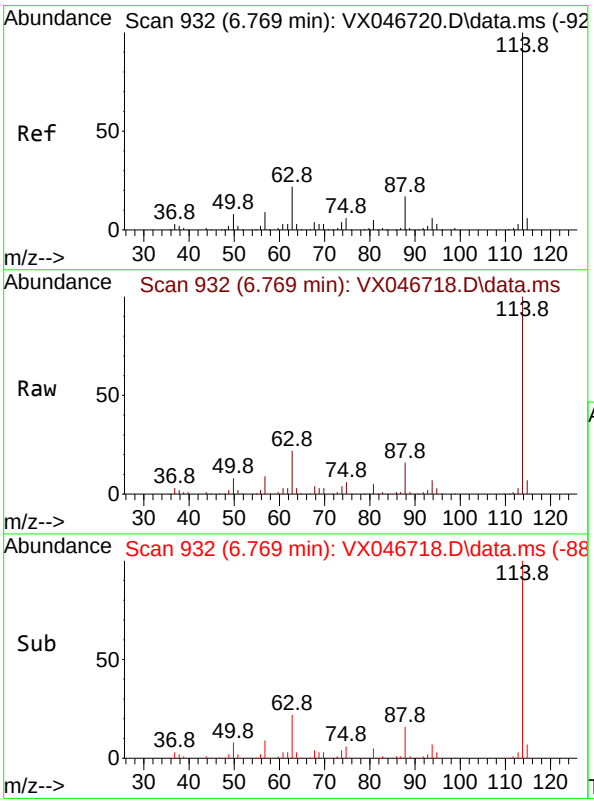
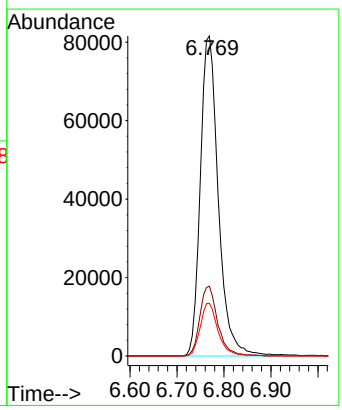
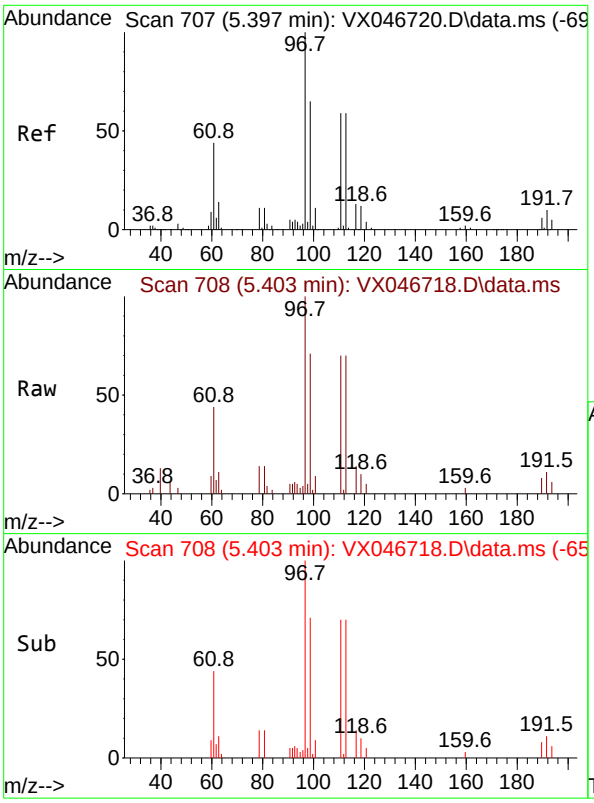


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:114 Resp: 217019

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.2
88	16.4	0.0	33.2

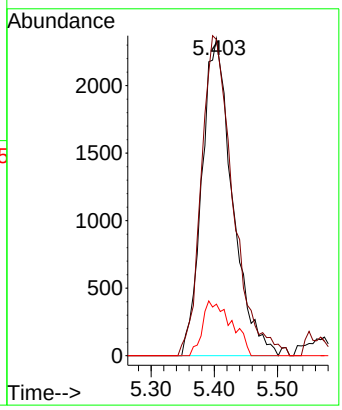




#35
Dibromofluoromethane
Concen: 5.478 ug/l
RT: 5.403 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:113 Resp: 786

Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.0	123.0
192	16.4	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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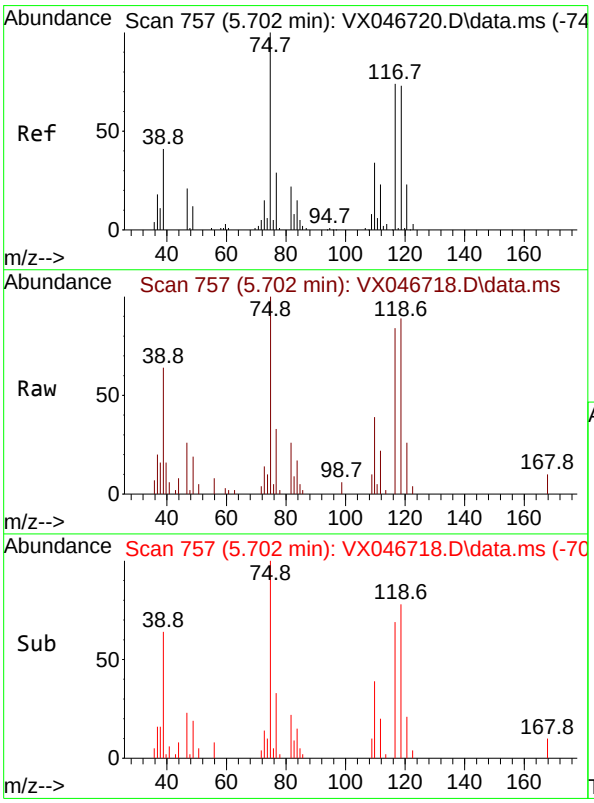
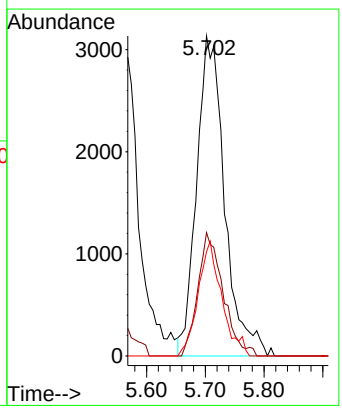
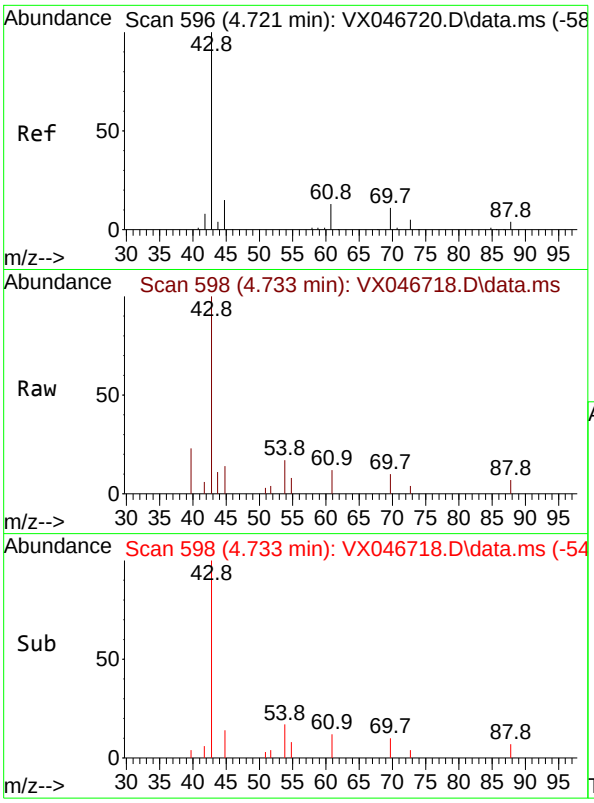


#36
1,1-Dichloropropene
Concen: 4.998 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 75 Resp: 10359

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.2	51.5
77	30.4	24.2	36.4





#37
Ethyl Acetate
Concen: 4.580 ug/l
RT: 4.733 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

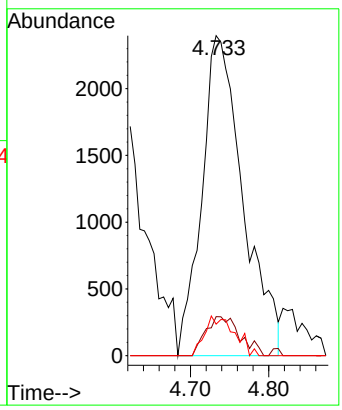
Tgt Ion: 43 Resp: 876

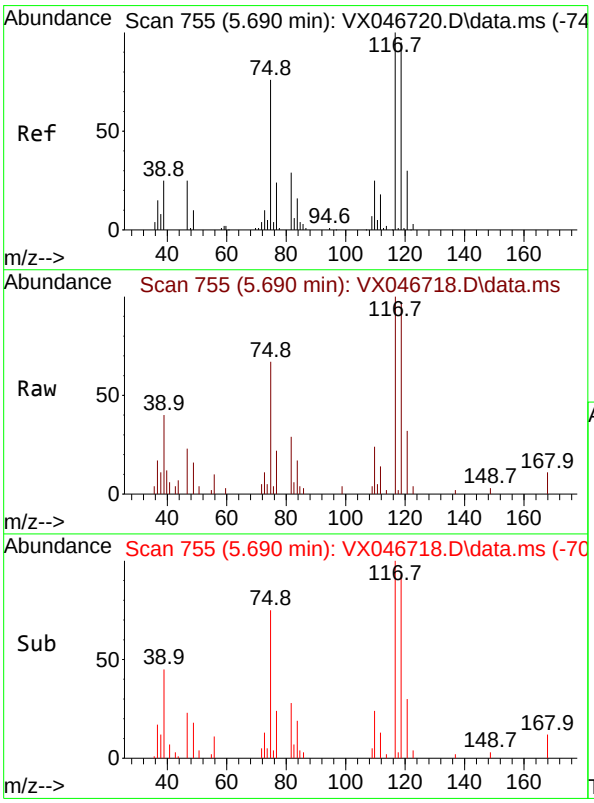
Ion	Ratio	Lower	Upper
43	100		
61	10.1	9.7	14.5
70	8.9	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

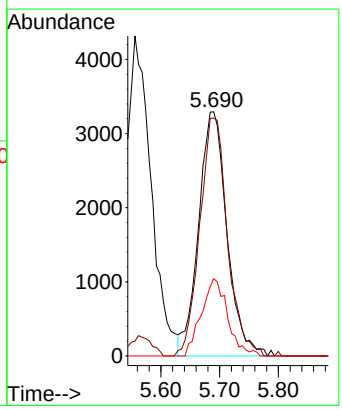


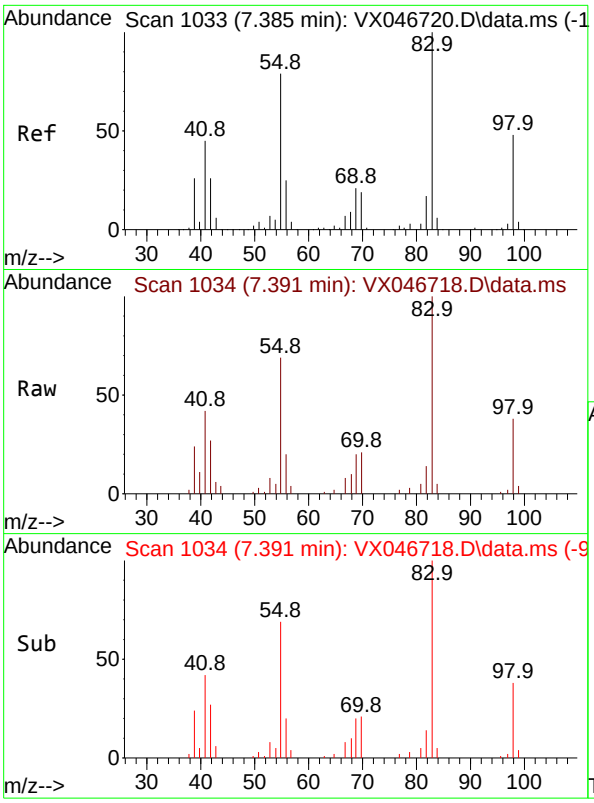


#38
Carbon Tetrachloride
Concen: 4.909 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:117 Resp: 11043

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.2	112.8
121	31.6	24.1	36.1

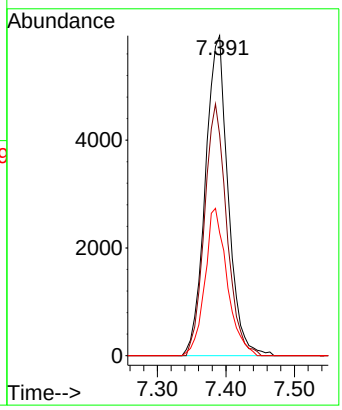




#39
Methylcyclohexane
Concen: 5.024 ug/l
RT: 7.391 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 83 Resp: 1370

Ion	Ratio	Lower	Upper
83	100		
55	69.0	63.0	94.4
98	38.4	38.8	58.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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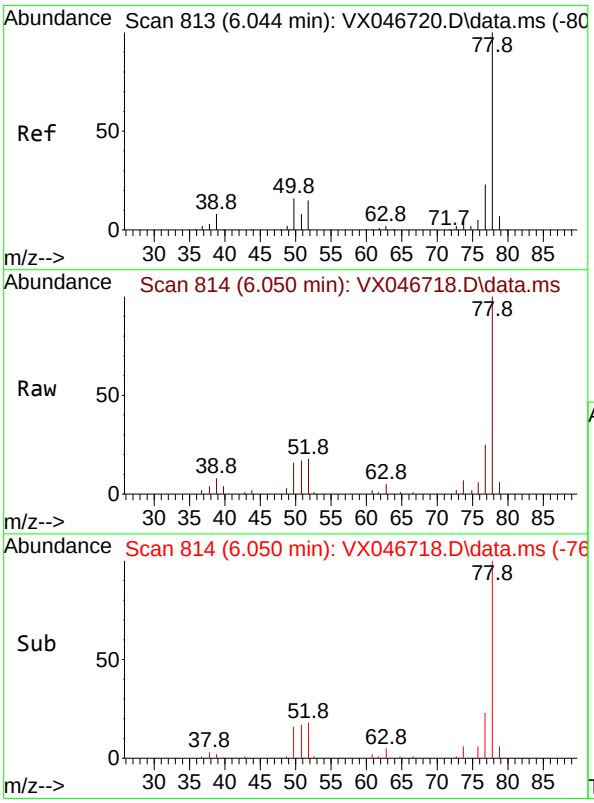
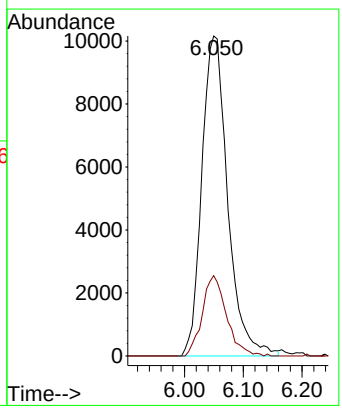
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

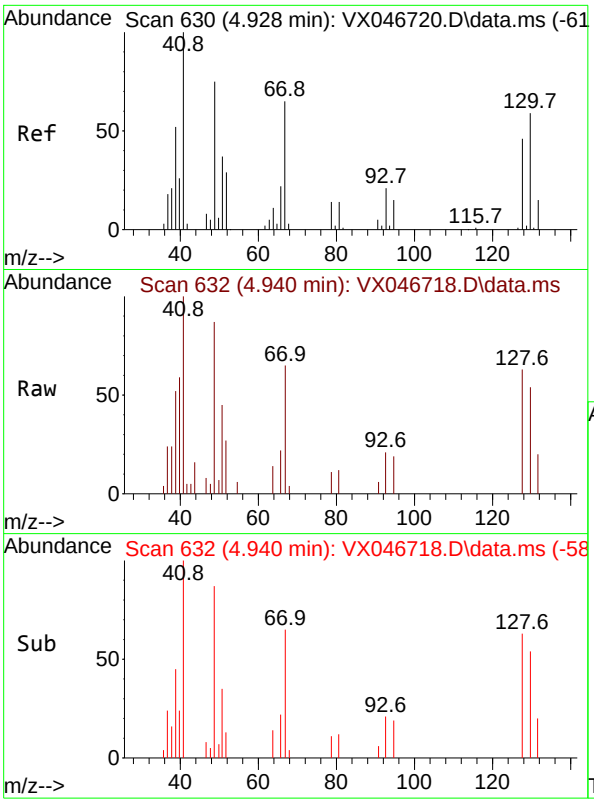


#40
Benzene
Concen: 5.064 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 78 Resp: 31061

Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.8	28.2

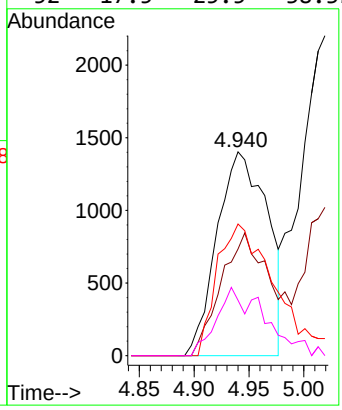




#41
Methacrylonitrile
Concen: 4.400 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 41 Resp: 448

Ion	Ratio	Lower	Upper
41	100		
39	61.2	45.9	68.9
67	74.8	61.2	91.8
52	17.5	25.5	38.3#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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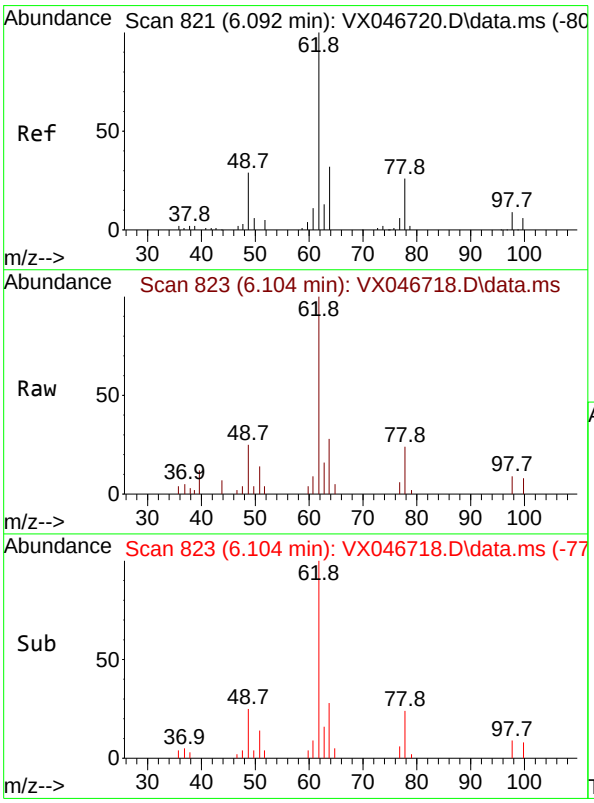
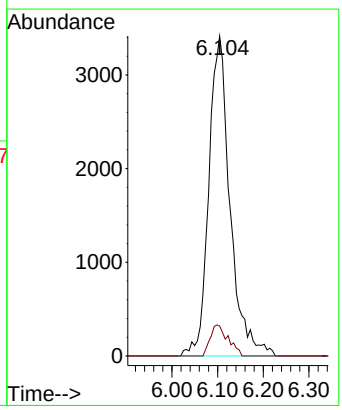
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

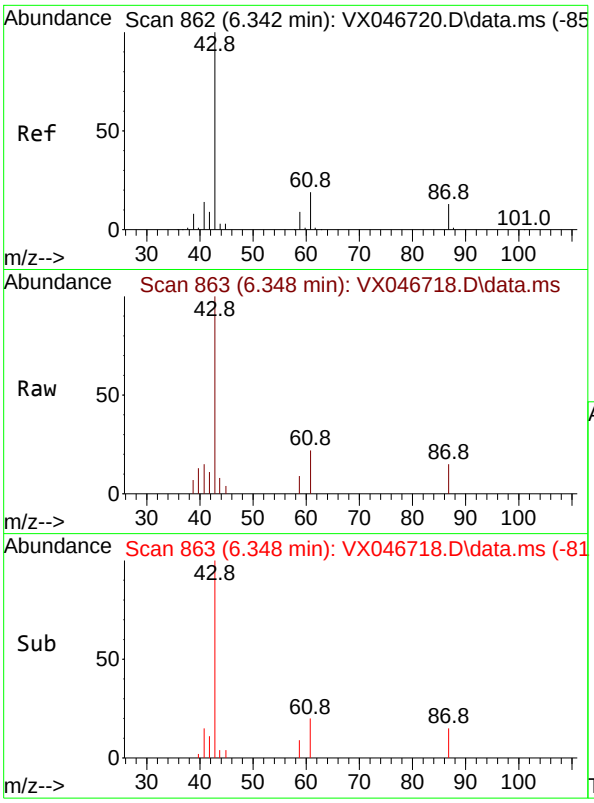


#42
1,2-Dichloroethane
Concen: 5.116 ug/l
RT: 6.104 min Scan# 823
Delta R.T. 0.012 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 62 Resp: 11029

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.8

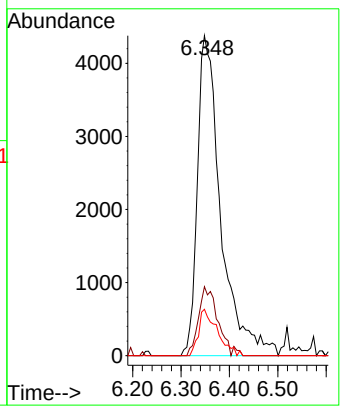




#43
Isopropyl Acetate
Concen: 4.914 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 1471

Ion	Ratio	Lower	Upper
43	100		
61	17.3	15.3	22.9
87	11.6	10.0	15.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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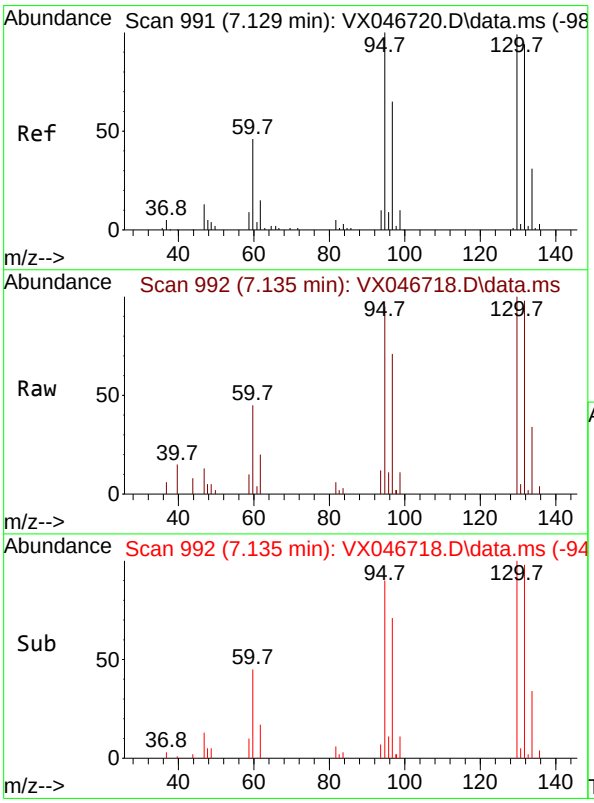
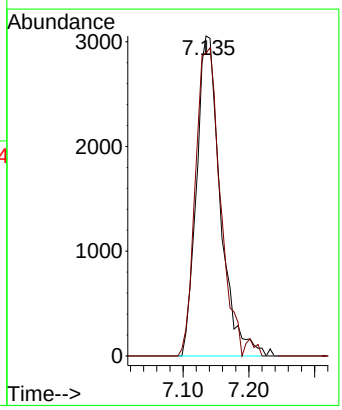
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

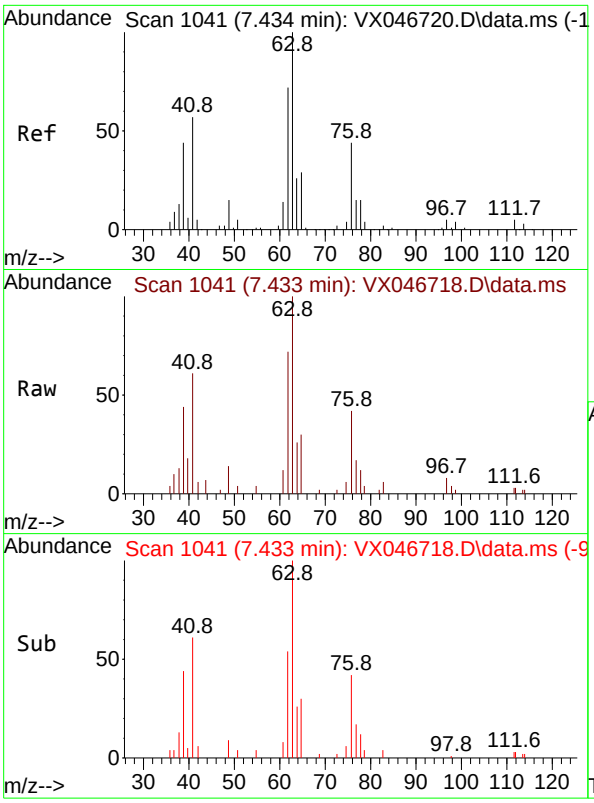


#44
Trichloroethene
Concen: 4.927 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:130 Resp: 7703

Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	202.6





#45
1,2-Dichloropropane
Concen: 4.952 ug/l
RT: 7.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 63 Resp: 752

Ion	Ratio	Lower	Upper
63	100		
65	30.2	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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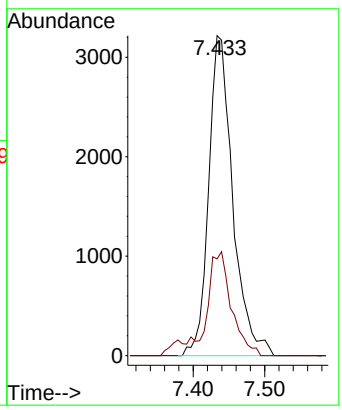
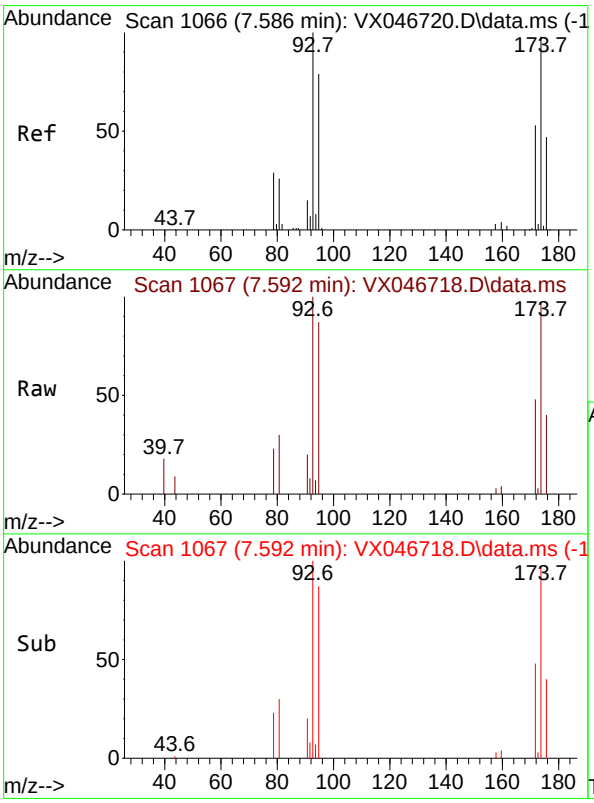
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

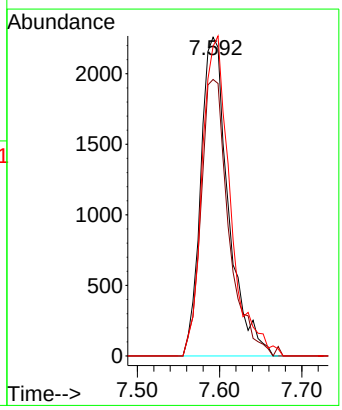


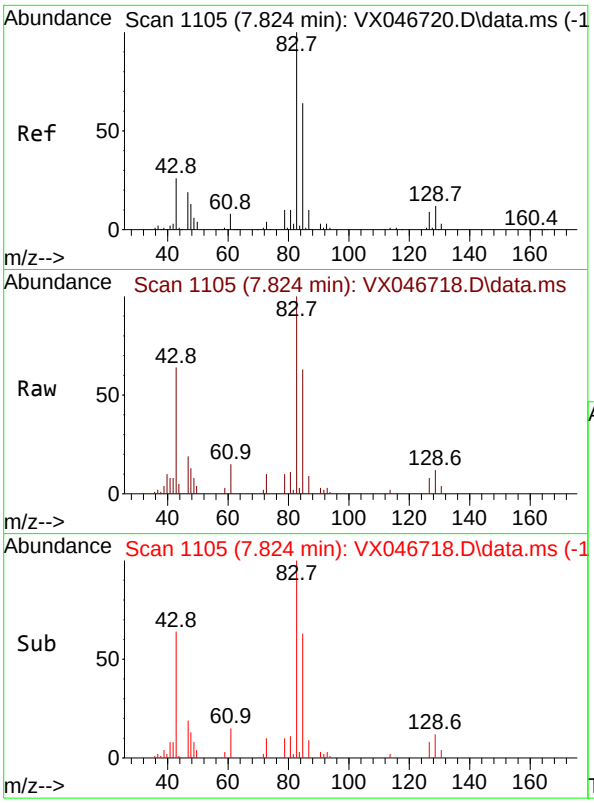


#46
Dibromomethane
Concen: 4.821 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 93 Resp: 5267

Ion	Ratio	Lower	Upper
93	100		
95	86.9	66.2	99.4
174	102.0	77.0	115.6

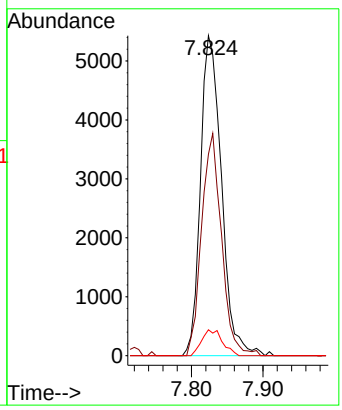




#47
Bromodichloromethane
Concen: 4.966 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 83 Resp: 1107

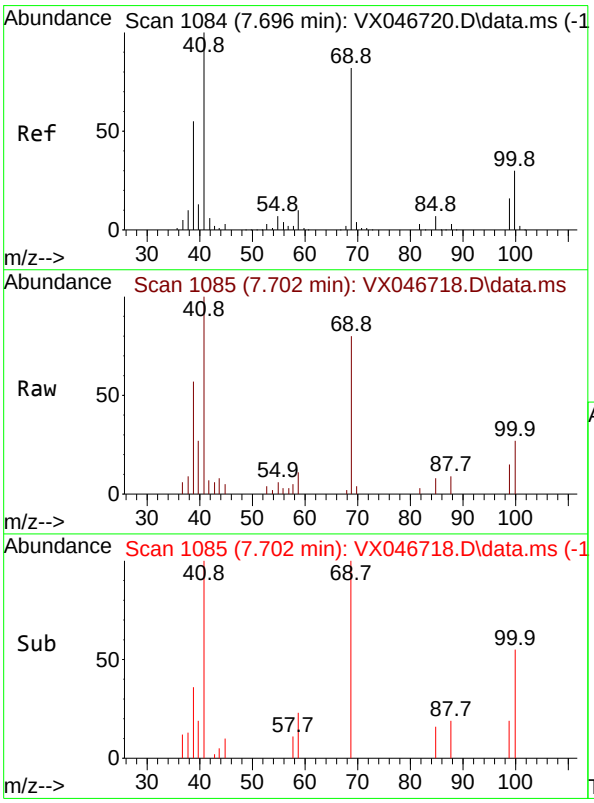
Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.4	77.2
127	7.9	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

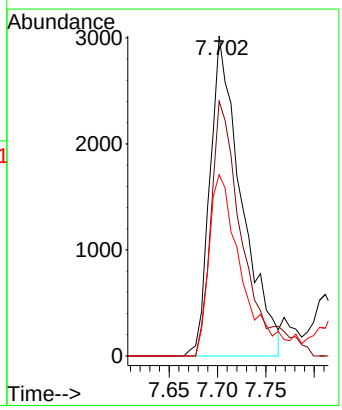
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

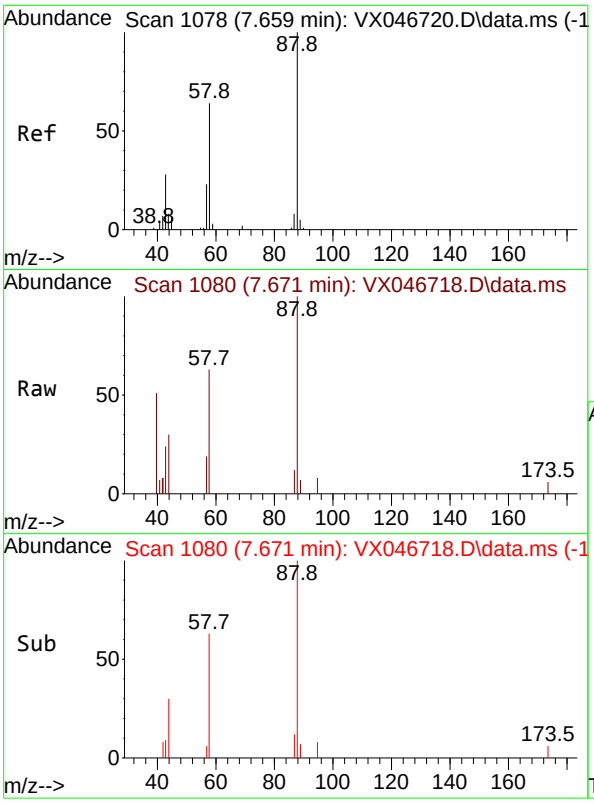


#48
Methyl methacrylate
Concen: 4.571 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 41 Resp: 6864

Ion	Ratio	Lower	Upper
41	100		
69	79.8	63.4	95.2
39	58.5	45.4	68.0

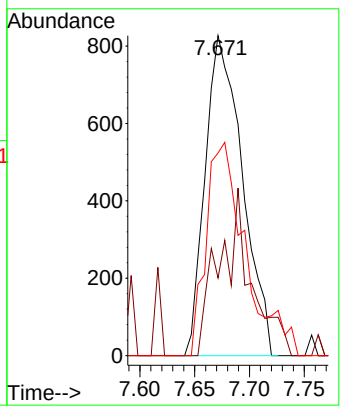




#49
1,4-Dioxane
Concen: 113.091 ug/l
RT: 7.671 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 88 Resp: 194

Ion	Ratio	Lower	Upper
88	100		
43	44.9	31.2	46.8
58	70.8	54.7	82.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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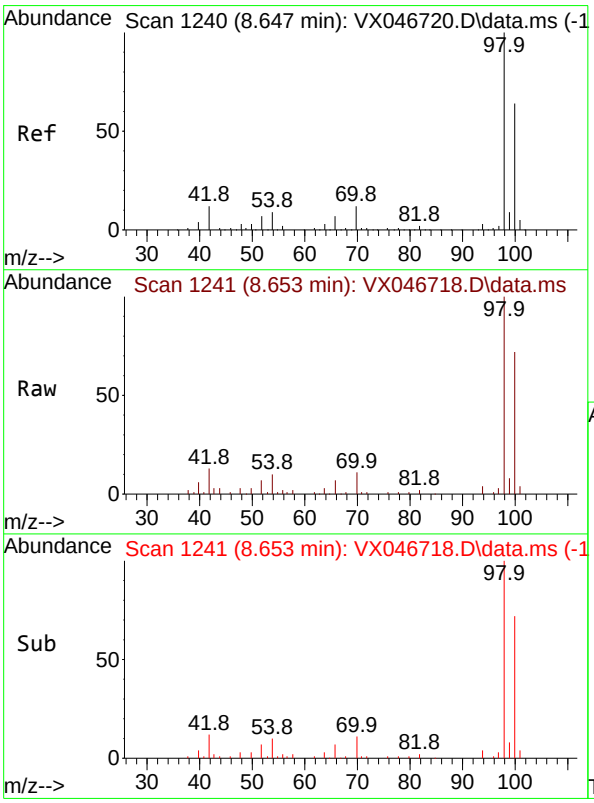
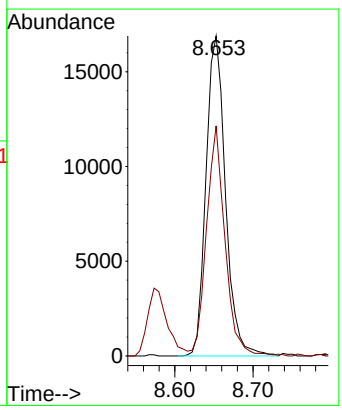
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

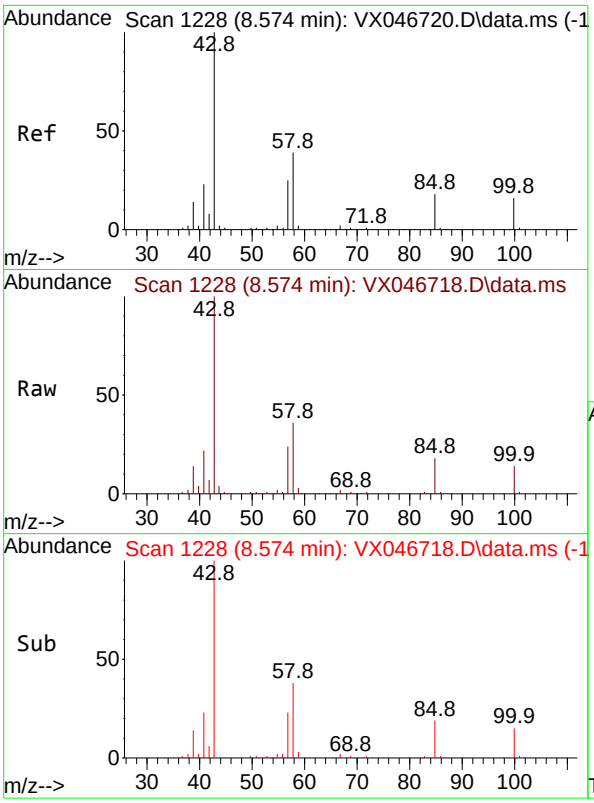


#50
Toluene-d8
Concen: 5.645 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 98 Resp: 29120

Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 24.800 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 4428

Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.8	46.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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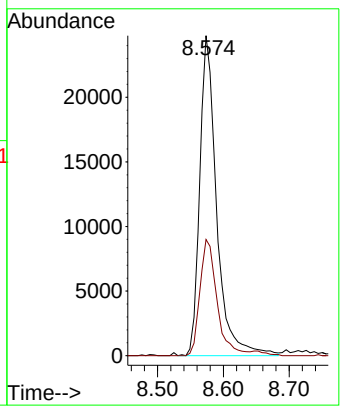
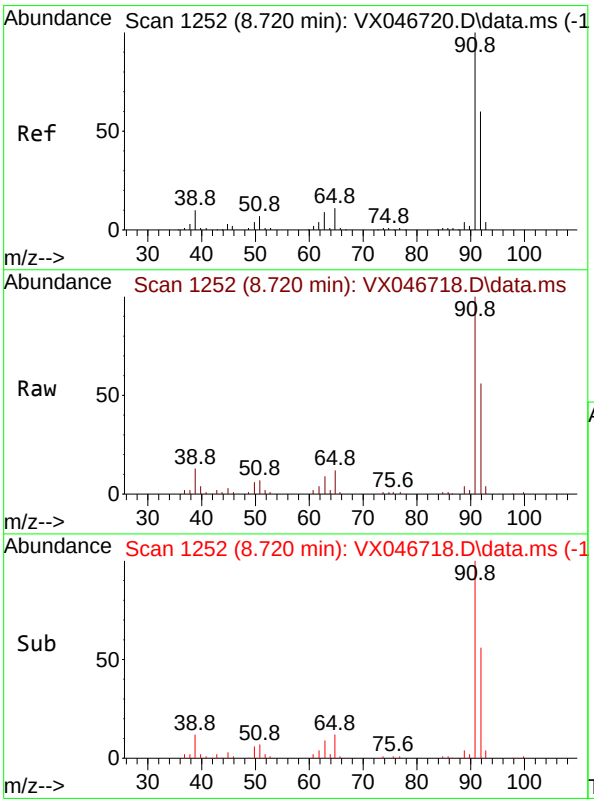
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

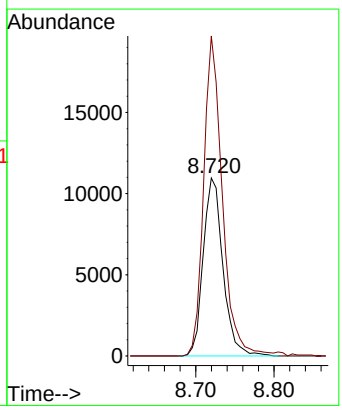


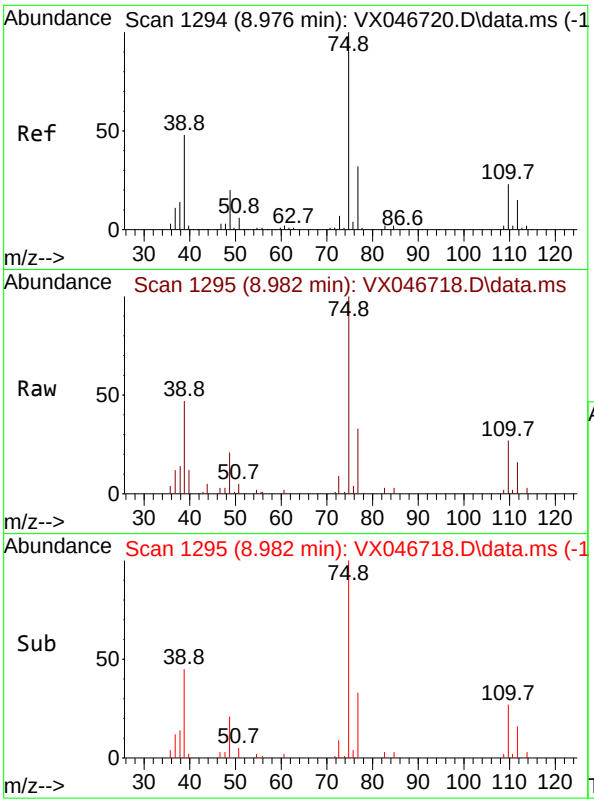


#52
Toluene
Concen: 5.046 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 92 Resp: 19190

Ion	Ratio	Lower	Upper
92	100		
91	170.2	134.8	202.2

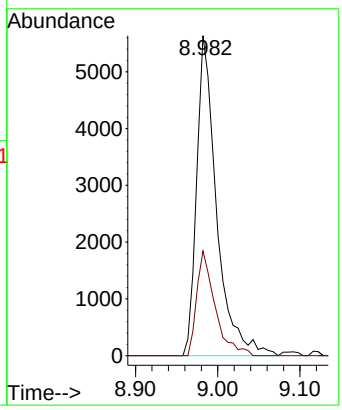




#53
t-1,3-Dichloropropene
Concen: 4.591 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 75 Resp: 949

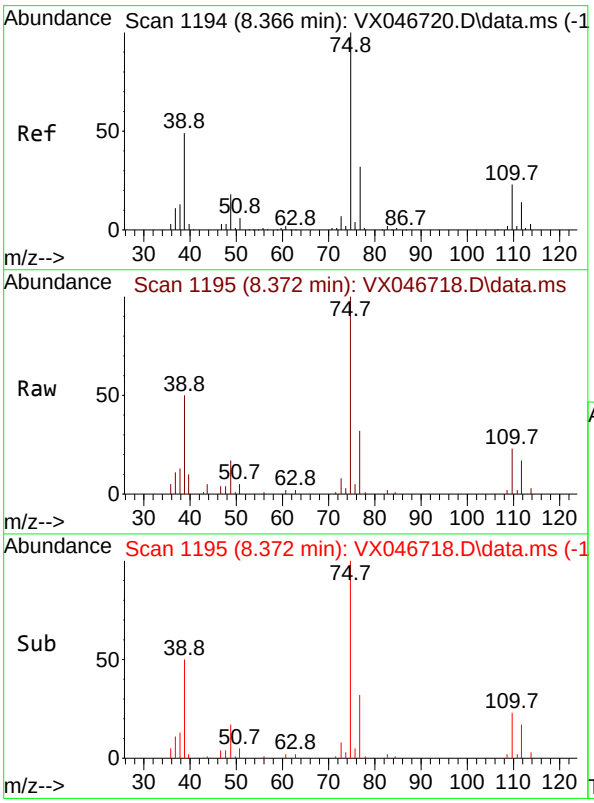
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

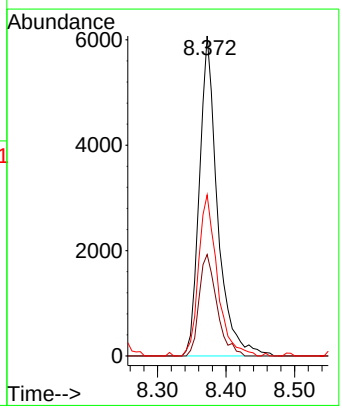
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

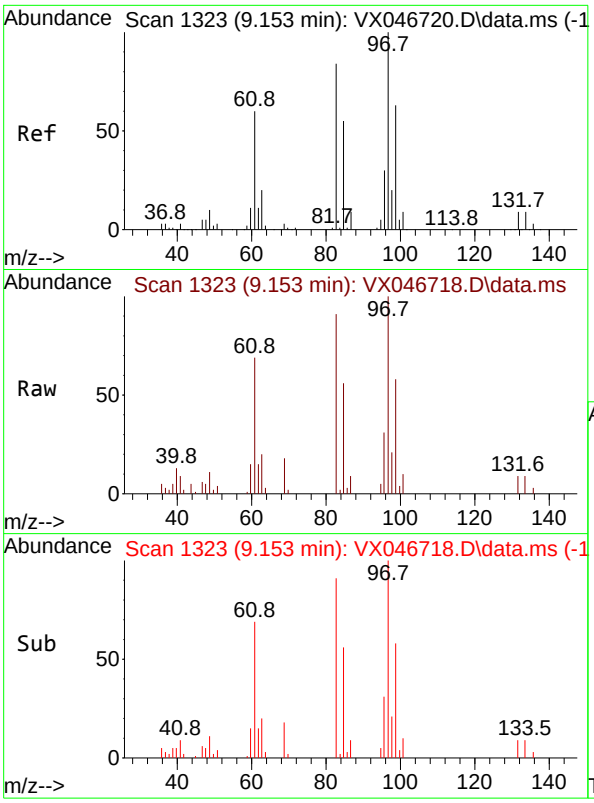


#54
cis-1,3-Dichloropropene
Concen: 4.764 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 75 Resp: 11188

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.3	37.9
39	54.9	39.2	58.8

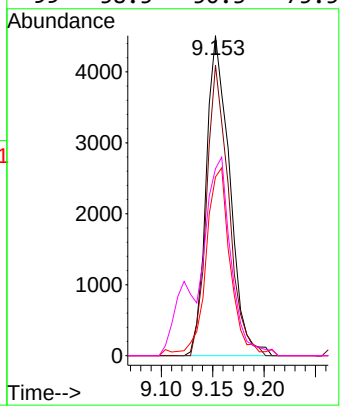




#55
1,1,2-Trichloroethane
Concen: 5.046 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 97 Resp: 715

Ion	Ratio	Lower	Upper
97	100		
83	90.8	67.2	100.8
85	55.8	44.1	66.1
99	58.5	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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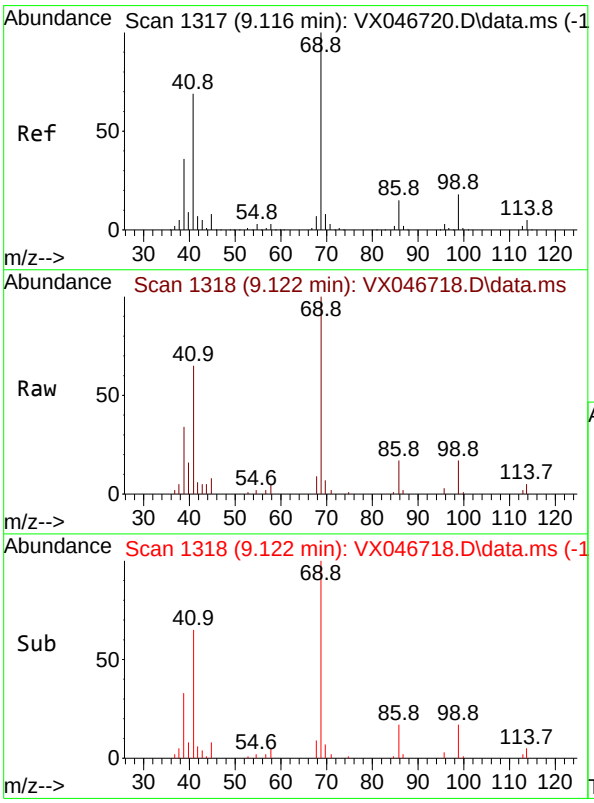
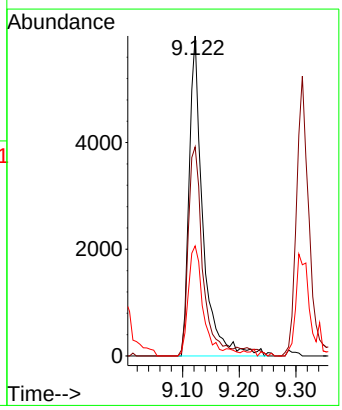
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

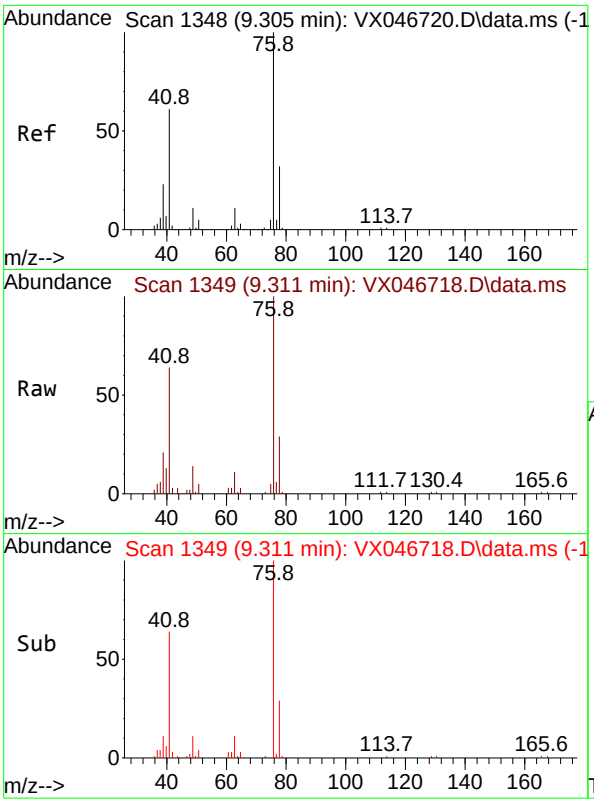


#56
Ethyl methacrylate
Concen: 4.828 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 69 Resp: 10101

Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.4	83.2
39	36.5	29.7	44.5

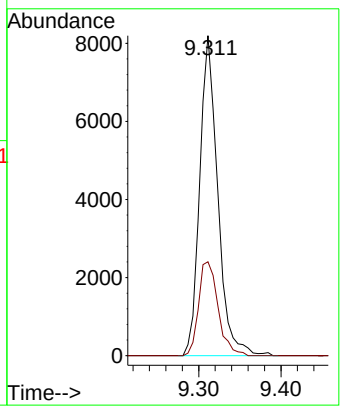




#57
1,3-Dichloropropane
Concen: 5.115 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 76 Resp: 1248

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.7	38.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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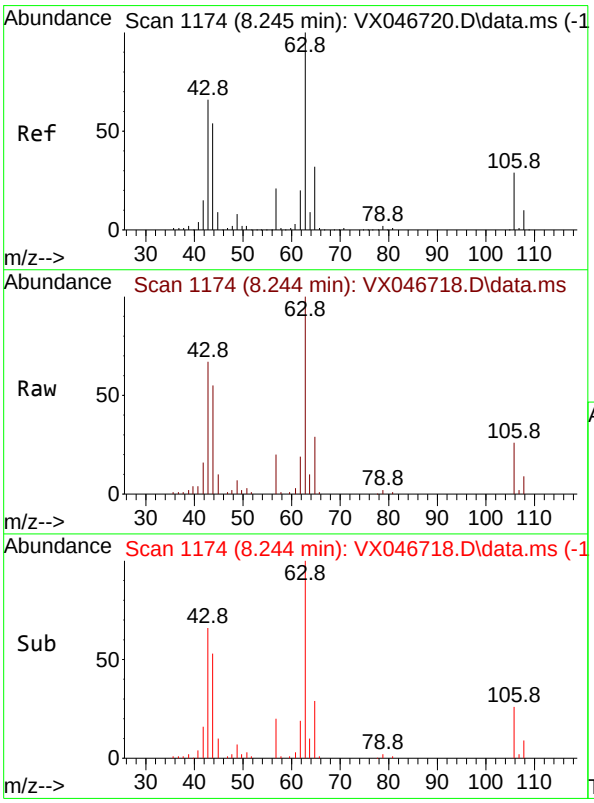
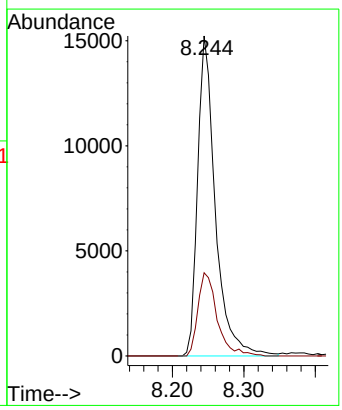
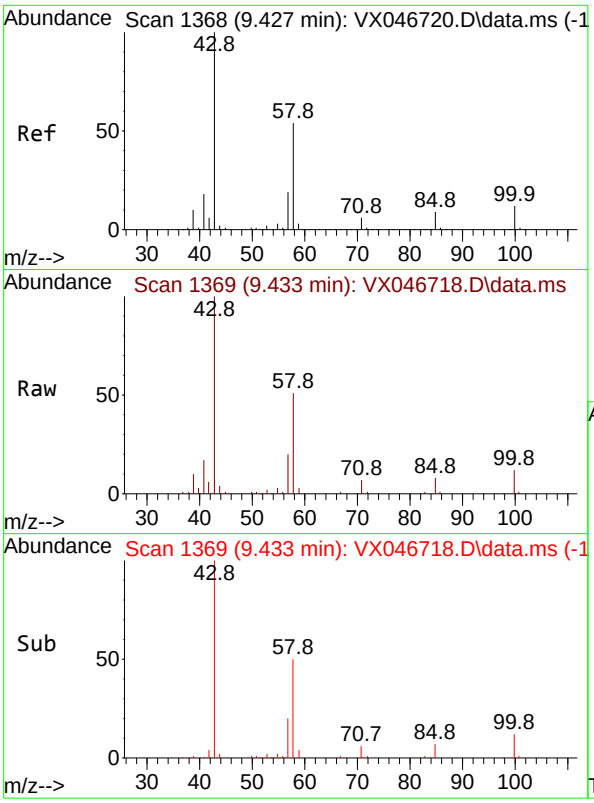


#58
2-Chloroethyl Vinyl ether
Concen: 24.071 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 63 Resp: 26158

Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.6	34.0

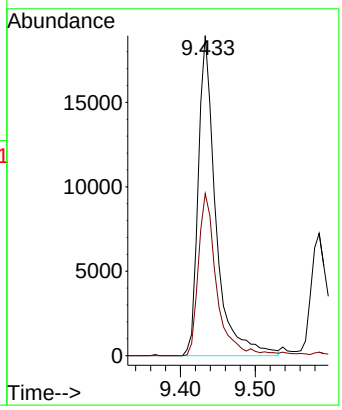




#59
2-Hexanone
Concen: 25.062 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 3093

Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.8	80.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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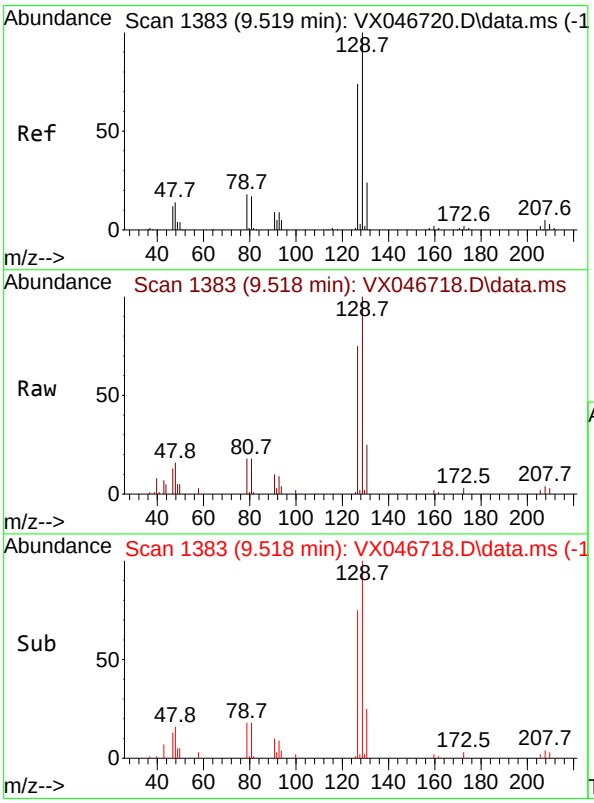
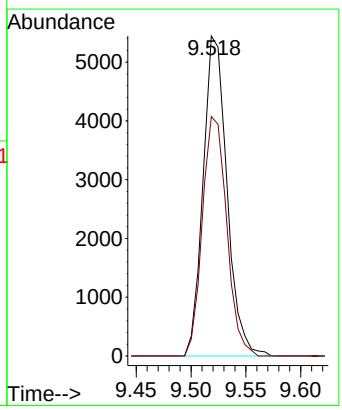
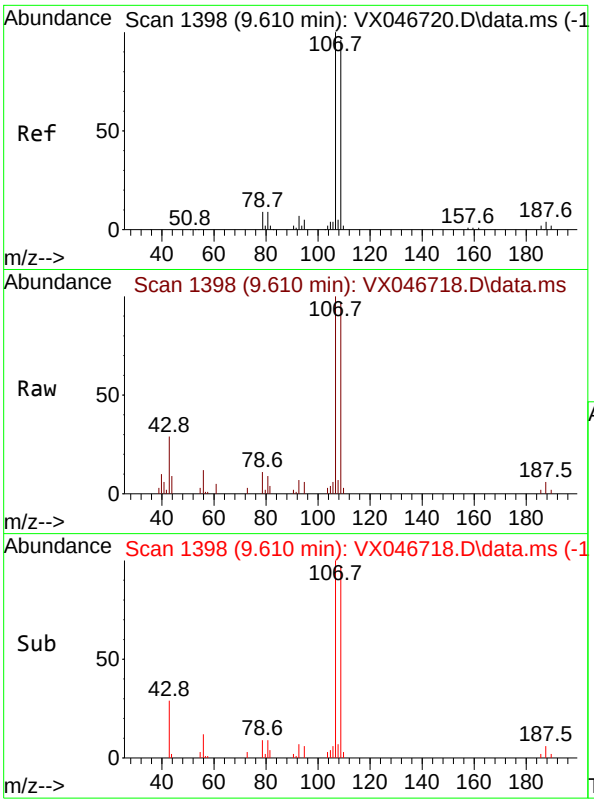


#60
Dibromochloromethane
Concen: 4.939 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:129 Resp: 8249

Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.4	115.2

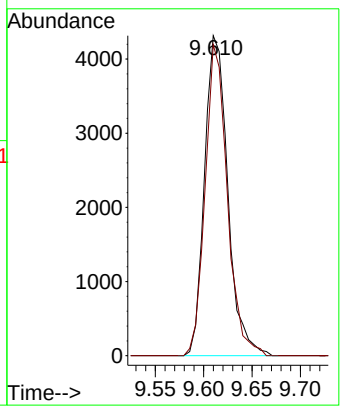




#61
1,2-Dibromoethane
Concen: 5.009 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:107 Resp: 722

Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.8	113.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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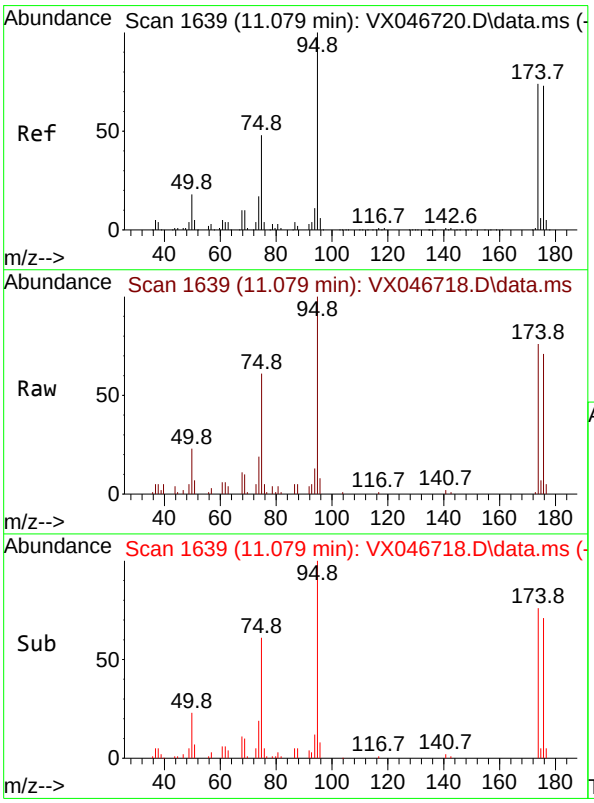
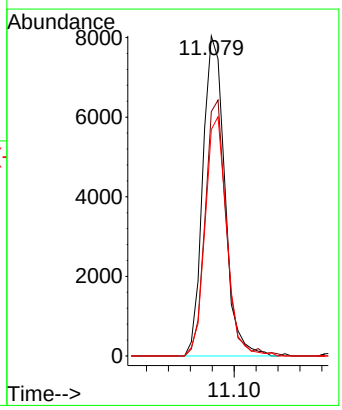
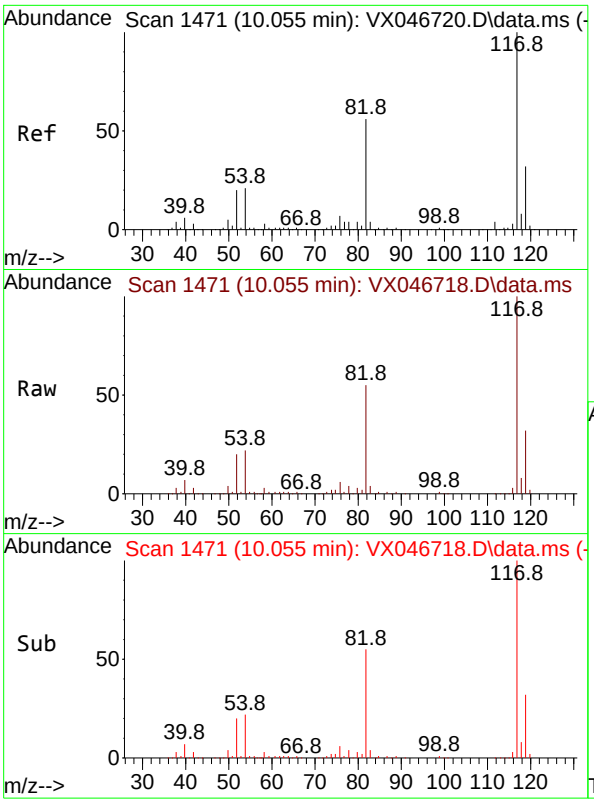


#62
4-Bromofluorobenzene
Concen: 5.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 95 Resp: 11137

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	150.4
176	73.9	0.0	145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:117 Resp: 19578

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	66.8
119	32.2	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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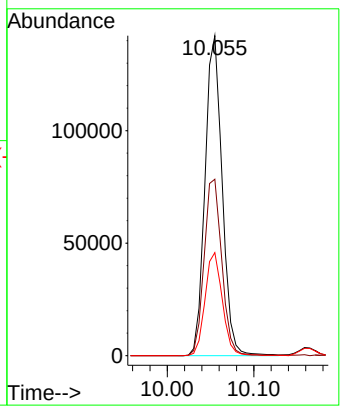
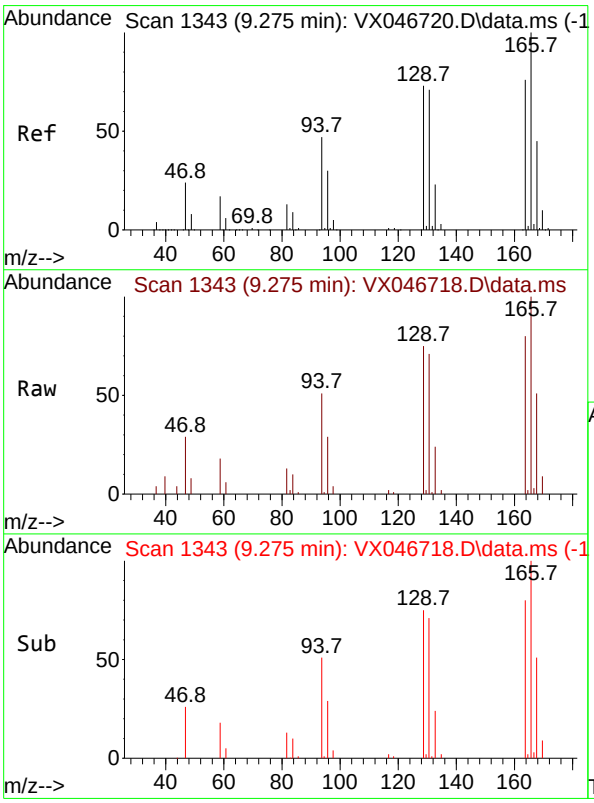
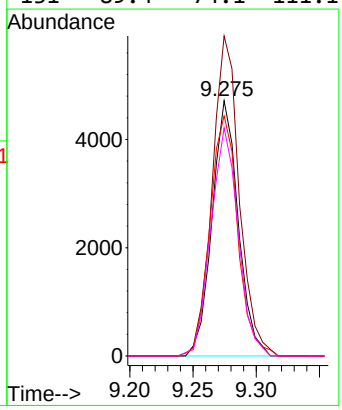


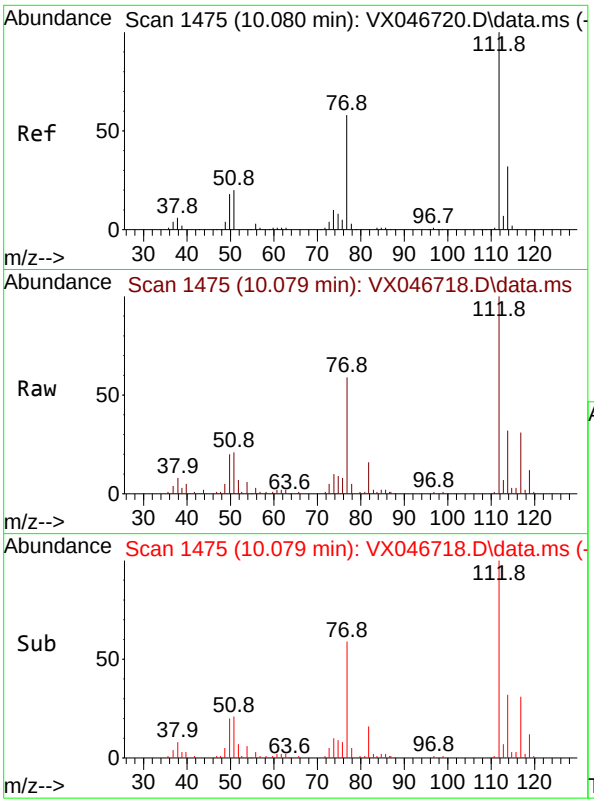


#64
Tetrachloroethene
Concen: 4.980 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:164 Resp: 6755

Ion	Ratio	Lower	Upper
164	100		
166	125.4	104.6	157.0
129	94.1	76.3	114.5
131	89.4	74.1	111.1

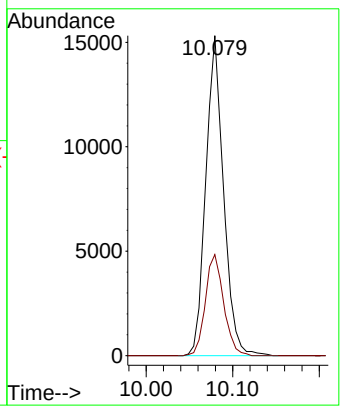




#65
Chlorobenzene
Concen: 5.046 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:112 Resp: 2180

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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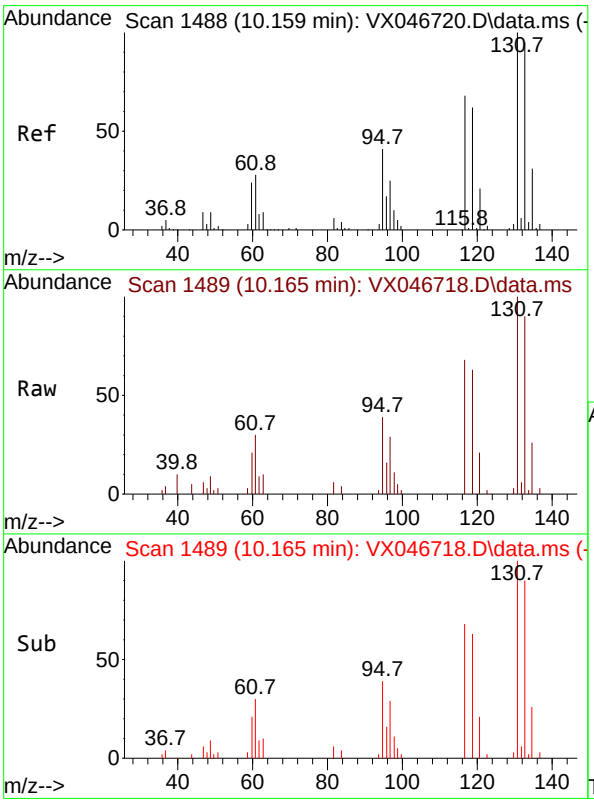
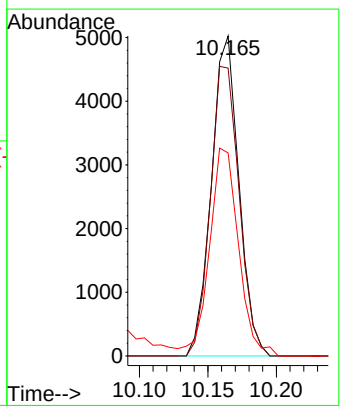
Supervised By :Mahesh Dadoda 06/18/2025

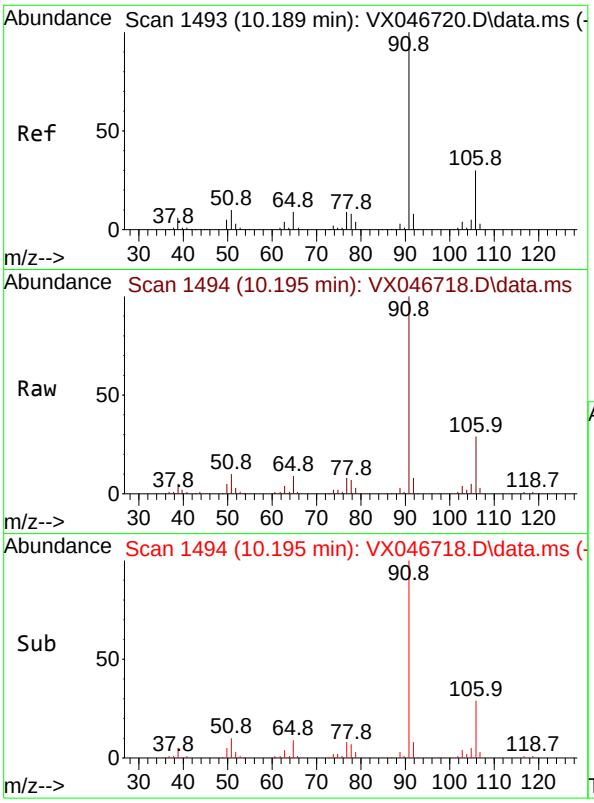


#66
1,1,1,2-Tetrachloroethane
Concen: 4.823 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:131 Resp: 7006

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.3	141.8
119	68.5	32.1	96.3

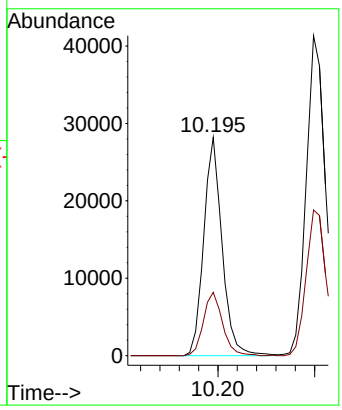




#67
Ethyl Benzene
Concen: 4.939 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 91 Resp: 3729

Ion	Ratio	Lower	Upper
91	100		
106	29.0	24.2	36.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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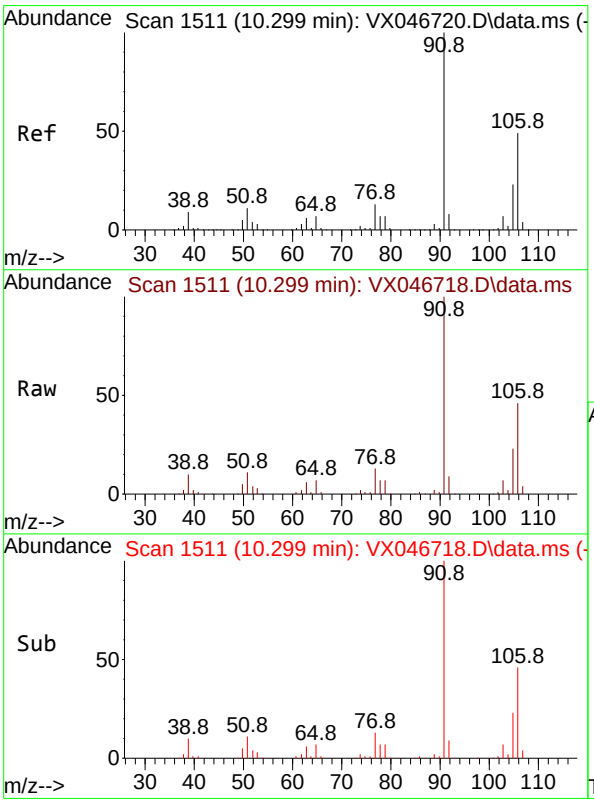
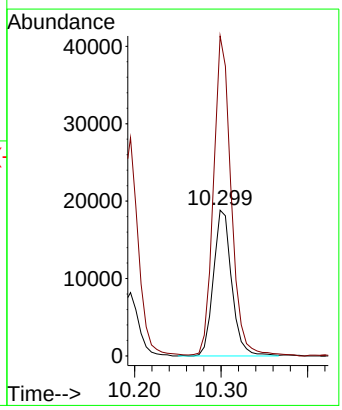
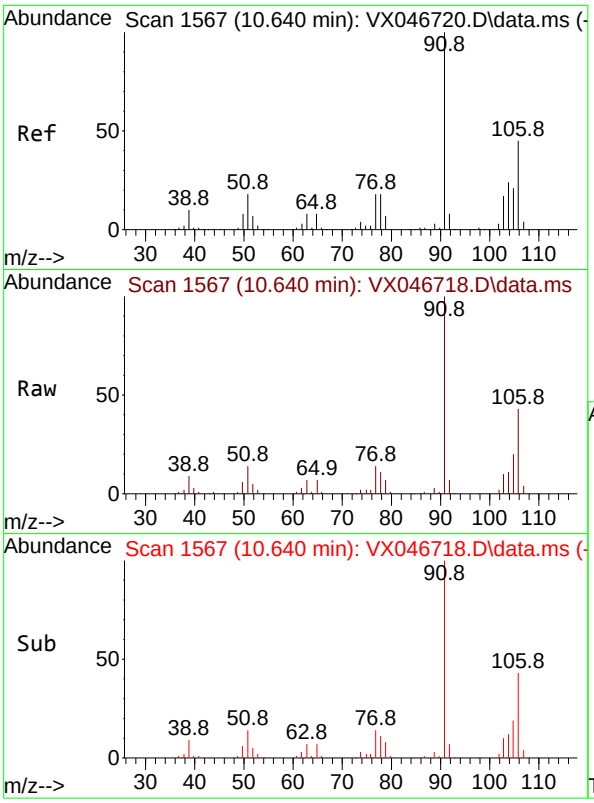


#68
m/p-Xylenes
Concen: 9.812 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:106 Resp: 27609

Ion	Ratio	Lower	Upper
106	100		
91	212.5	164.8	247.2





#69
o-Xylene
Concen: 5.090 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:106 Resp: 1342

Ion	Ratio	Lower	Upper
106	100		
91	218.1	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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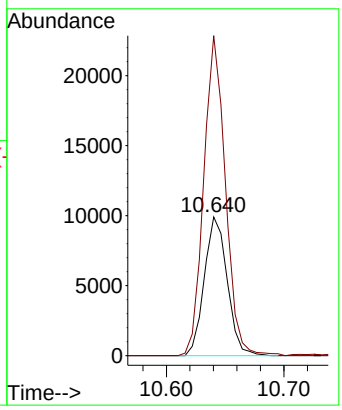
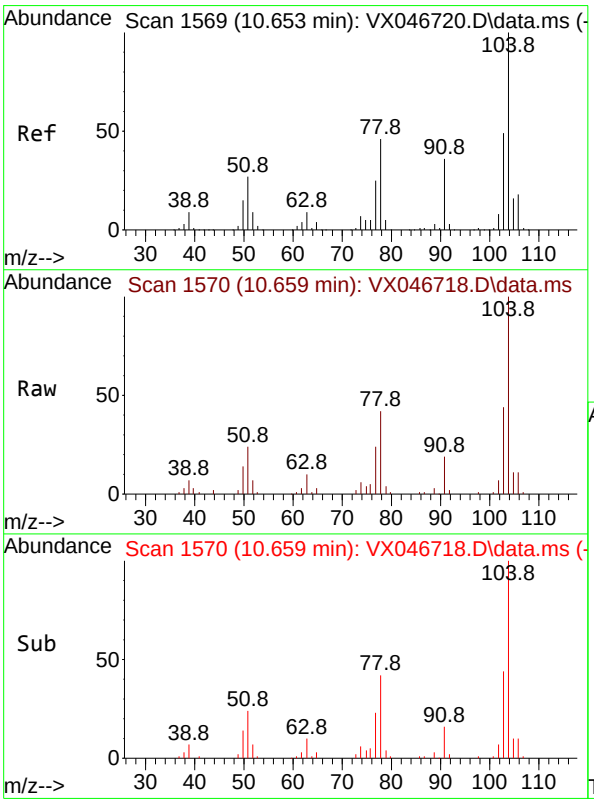
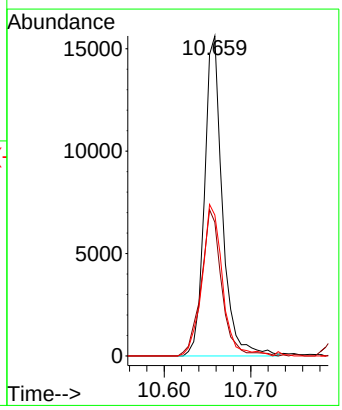


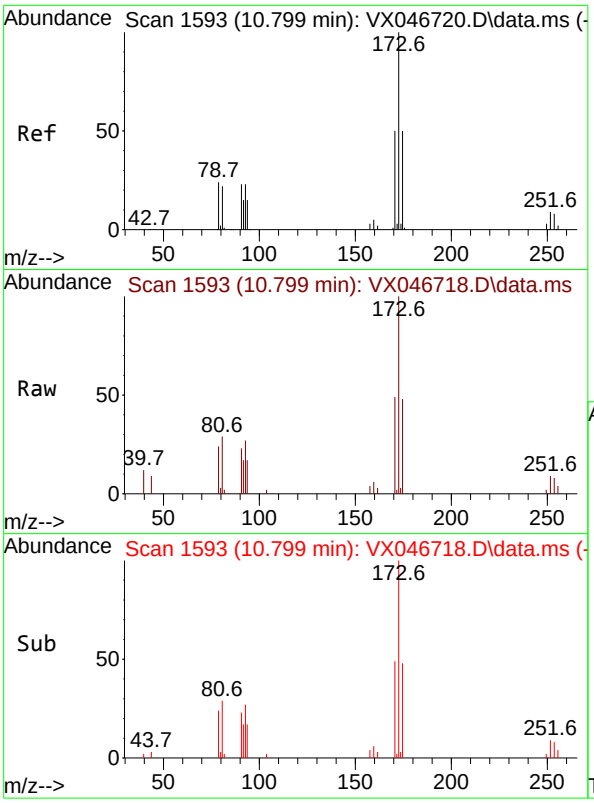


#70
Styrene
Concen: 4.855 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:104 Resp: 22403

Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.4	62.2
103	54.0	43.1	64.7

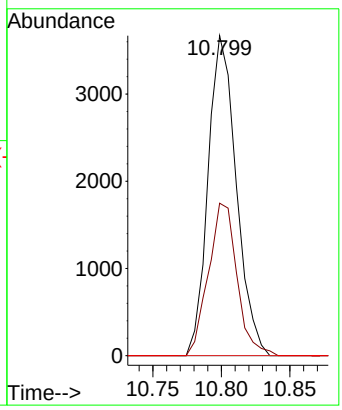




#71
Bromoform
Concen: 4.744 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:173 Resp: 524

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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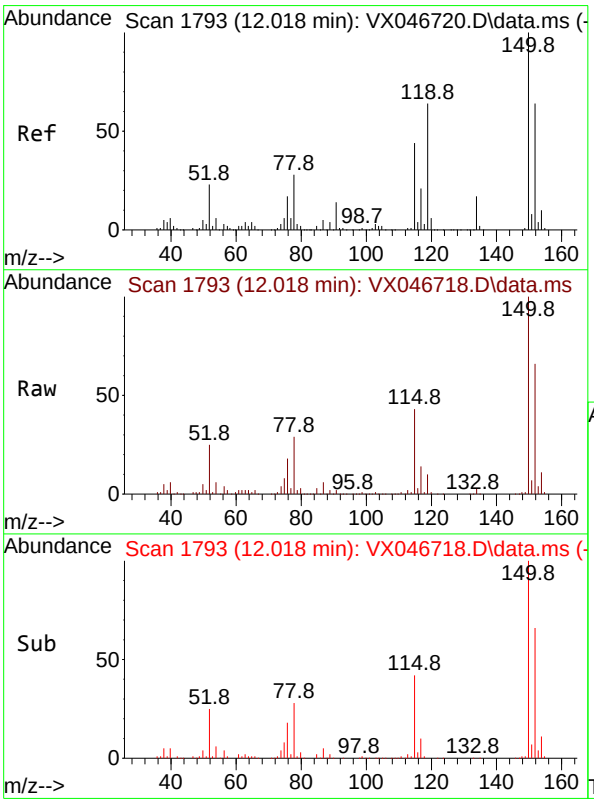
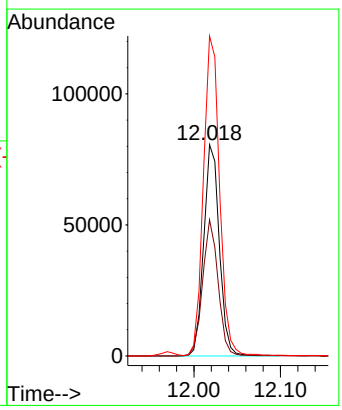
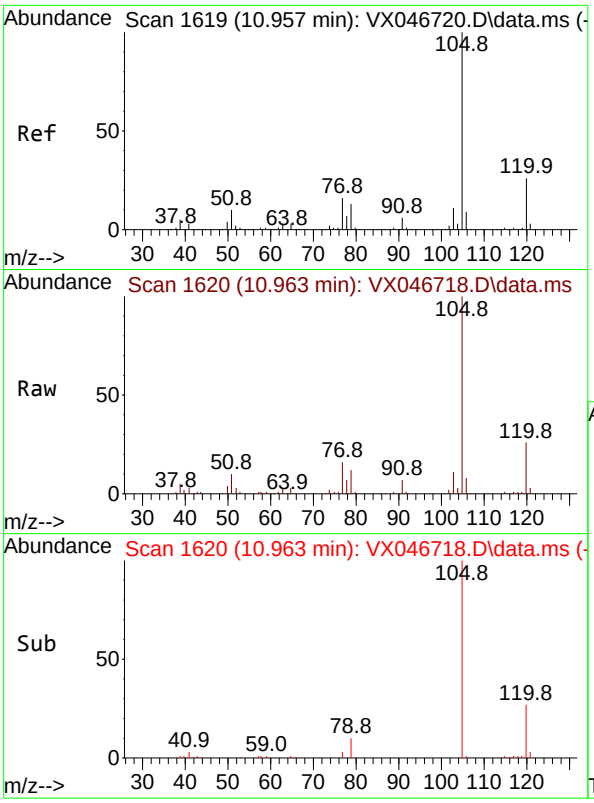


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:152 Resp: 100990

Ion	Ratio	Lower	Upper
152	100		
115	64.0	43.2	129.6
150	156.3	0.0	346.8





#73
Isopropylbenzene
Concen: 4.878 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:105 Resp: 3628

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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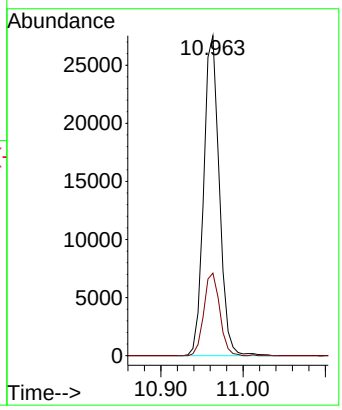
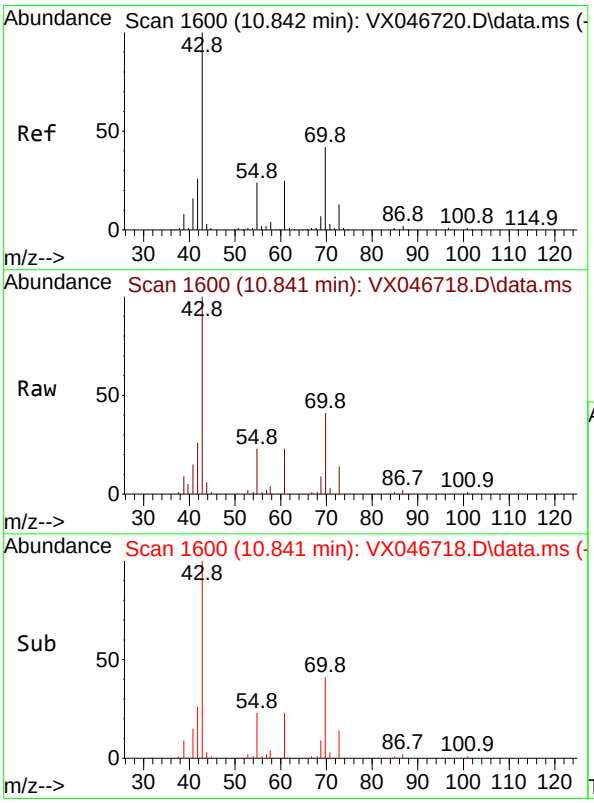
Supervised By :Mahesh Dadoda 06/18/2025

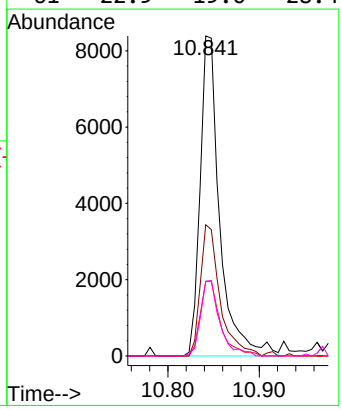


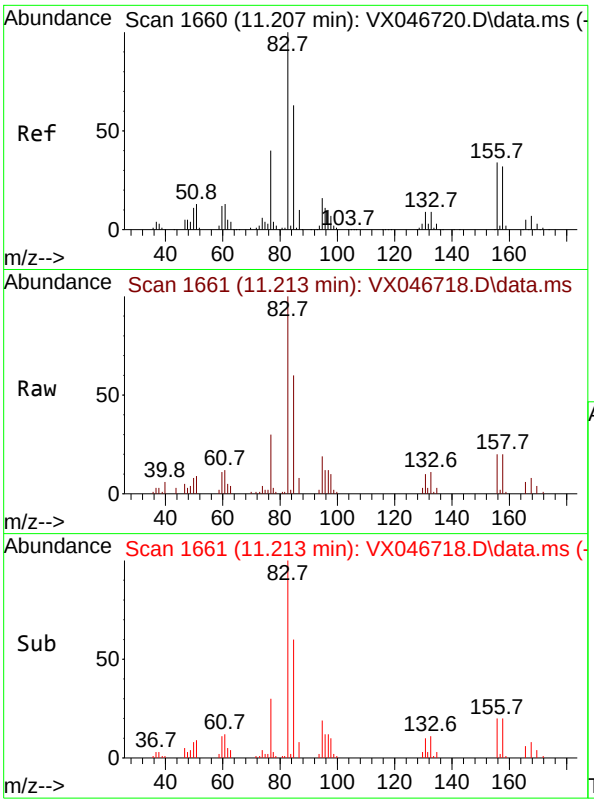


#74
N-amyl acetate
Concen: 4.434 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 12496

Ion	Ratio	Lower	Upper
43	100		
70	41.0	33.4	50.0
55	23.9	19.1	28.7
61	22.9	19.0	28.4

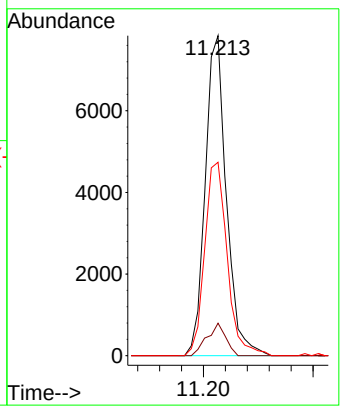




#75
1,1,2,2-Tetrachloroethane
Concen: 5.040 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 83 Resp: 1046

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.9	14.6
85	64.4	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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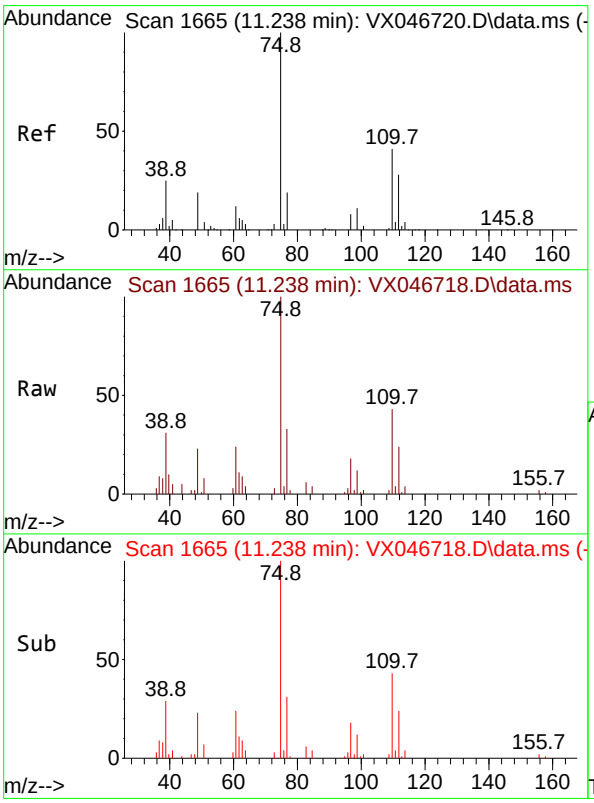
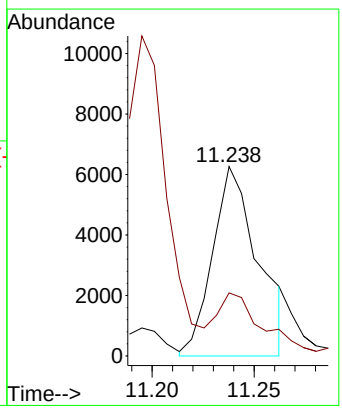
Supervised By :Mahesh Dadoda 06/18/2025

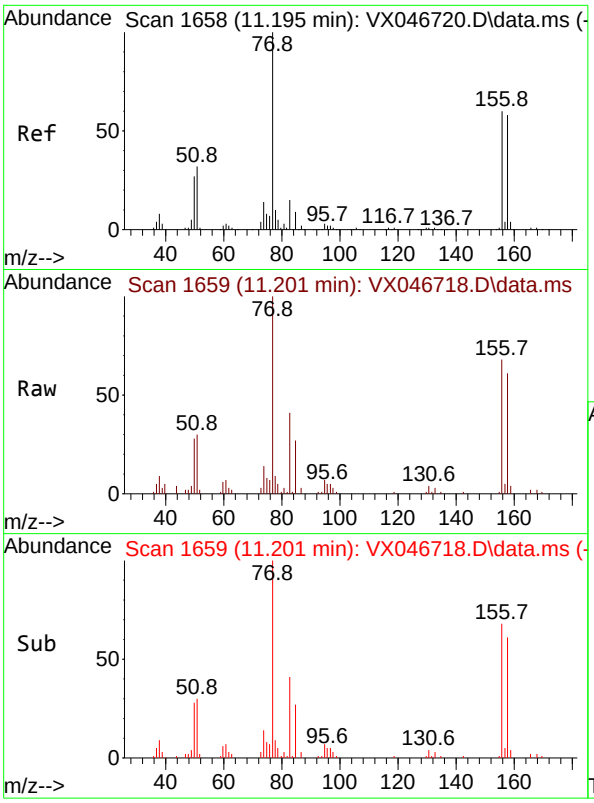


#76
1,2,3-Trichloropropane
Concen: 4.722 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 75 Resp: 9687

Ion	Ratio	Lower	Upper
75	100		
77	34.2	18.5	55.5

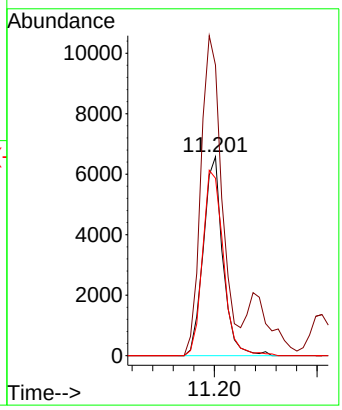




#77
Bromobenzene
Concen: 4.857 ug/l
RT: 11.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:156 Resp: 869

Ion	Ratio	Lower	Upper
156	100		
77	173.3	82.8	248.6
158	99.4	47.6	142.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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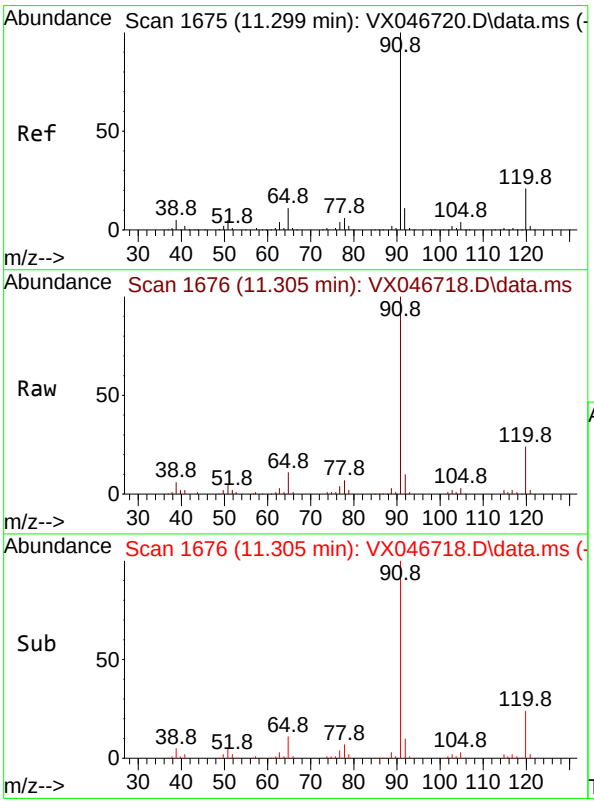
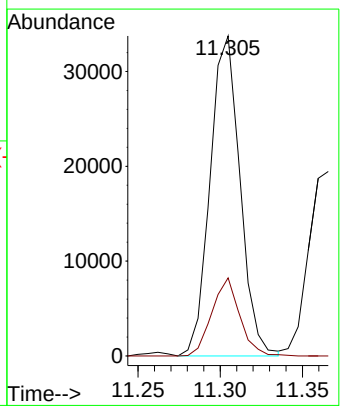
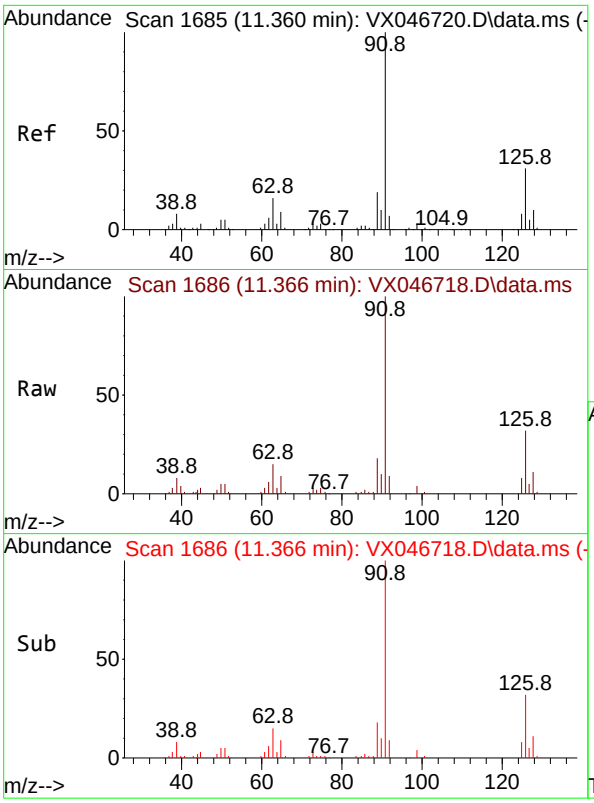


#78
n-propylbenzene
Concen: 4.850 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 91 Resp: 42848

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.1





#79
2-Chlorotoluene
Concen: 4.971 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 91 Resp: 2622

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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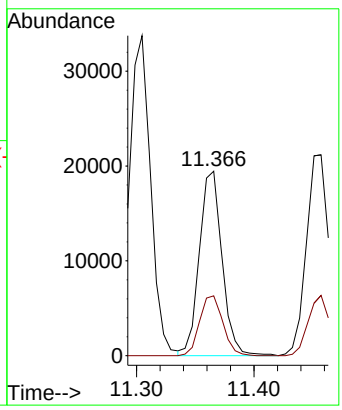
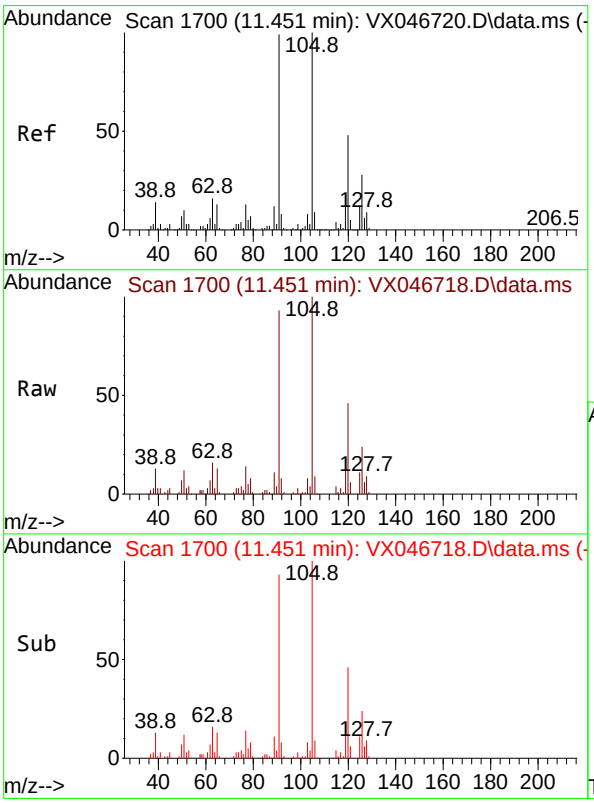
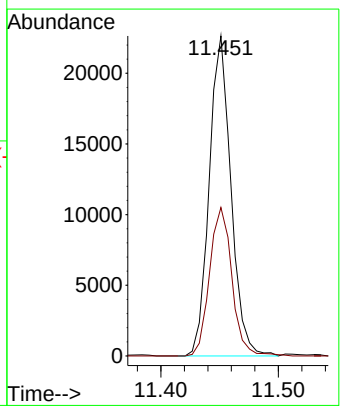


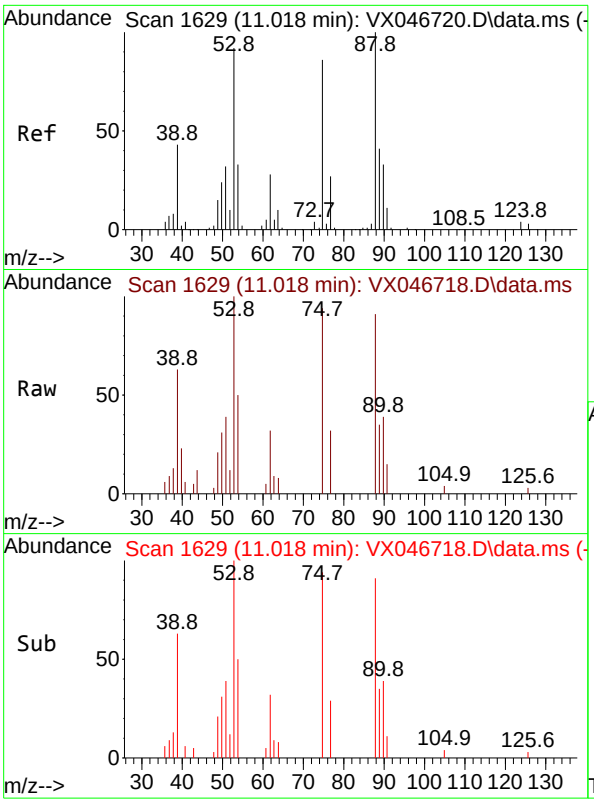


#80
1,3,5-Trimethylbenzene
Concen: 4.772 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:105 Resp: 29167

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.070 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 75 Resp: 266

Ion	Ratio	Lower	Upper
75	100		
53	114.8	86.8	130.2
89	42.7	36.9	55.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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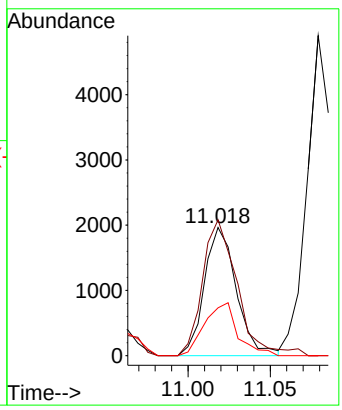
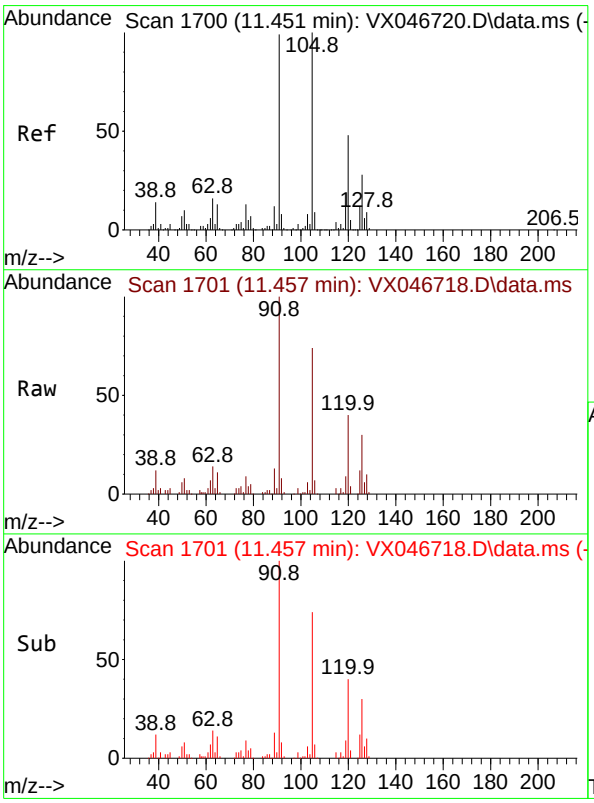
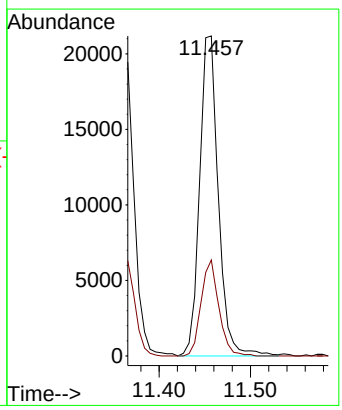


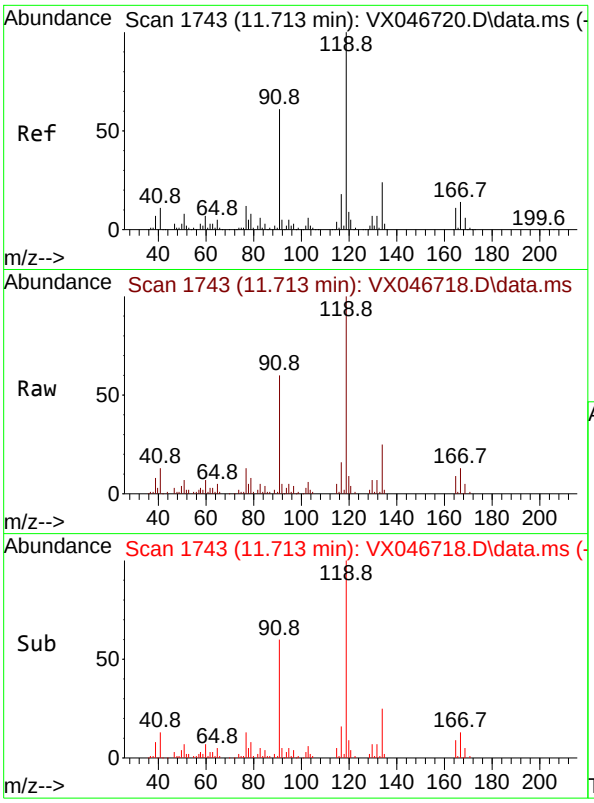


#82
4-Chlorotoluene
Concen: 4.889 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 91 Resp: 30097

Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.4	43.2

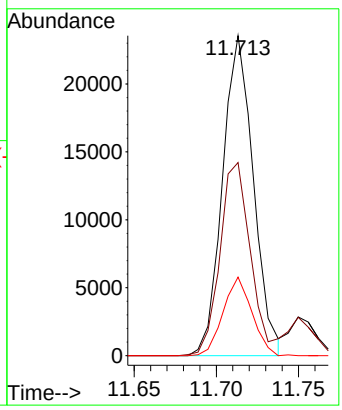




#83
tert-Butylbenzene
Concen: 4.864 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:119 Resp: 3072

Ion	Ratio	Lower	Upper
119	100		
91	60.3	29.5	88.6
134	23.0	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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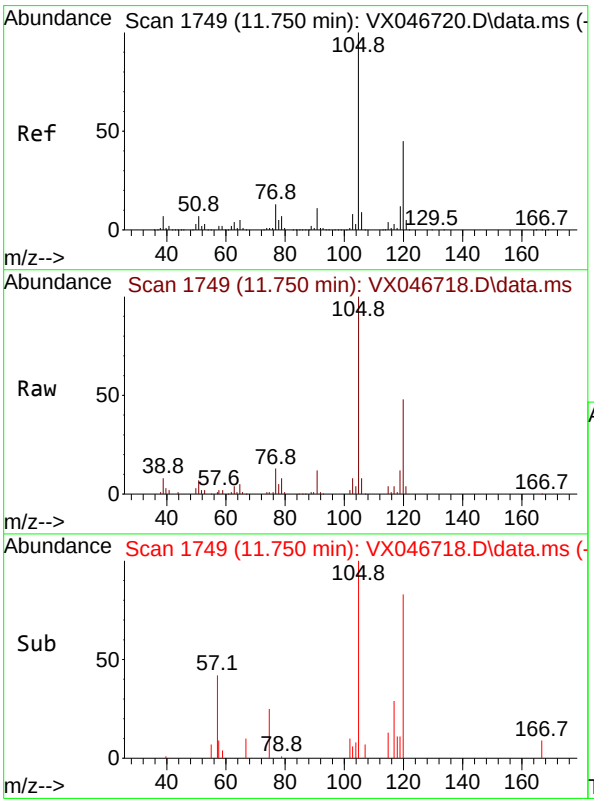
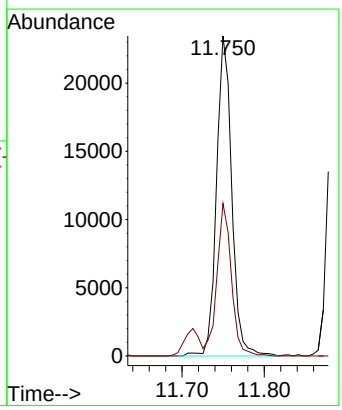
Supervised By :Mahesh Dadoda 06/18/2025

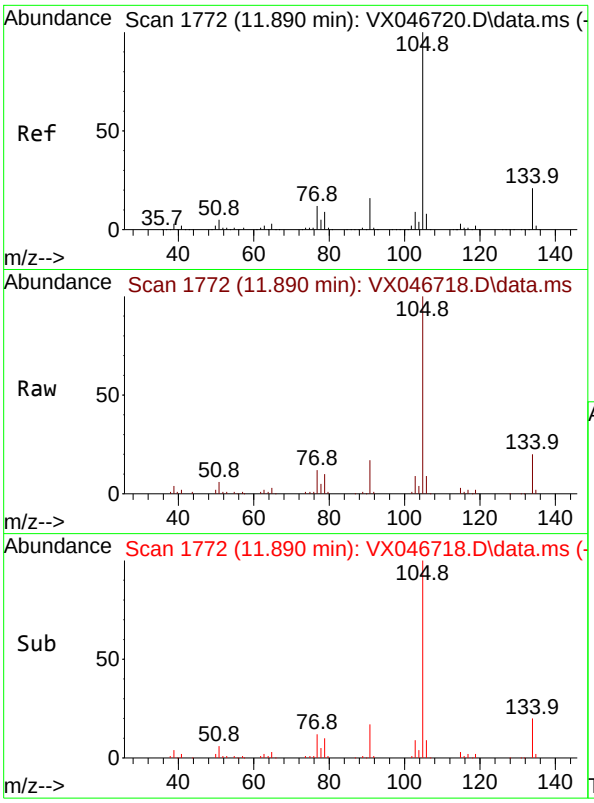


#84
1,2,4-Trimethylbenzene
Concen: 4.920 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:105 Resp: 30213

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.1	66.3





#85
sec-Butylbenzene
Concen: 4.958 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:105 Resp: 3958

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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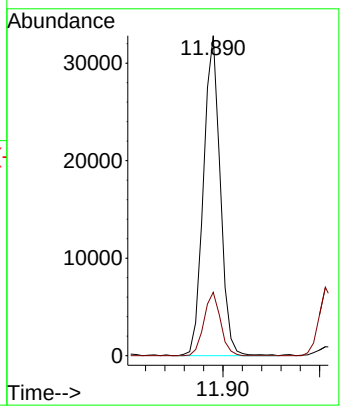
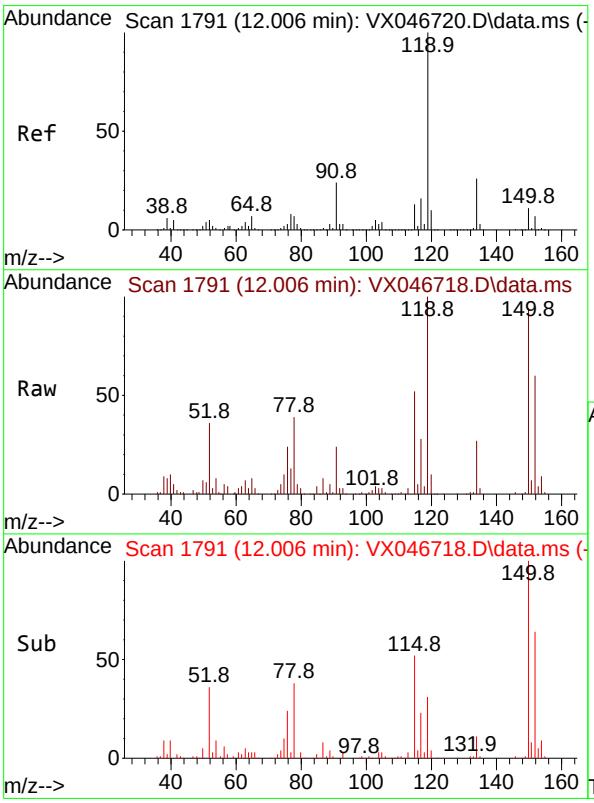
Supervised By :Mahesh Dadoda 06/18/2025

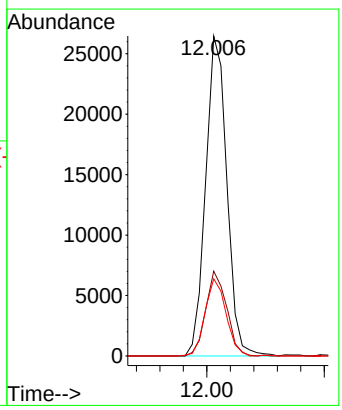


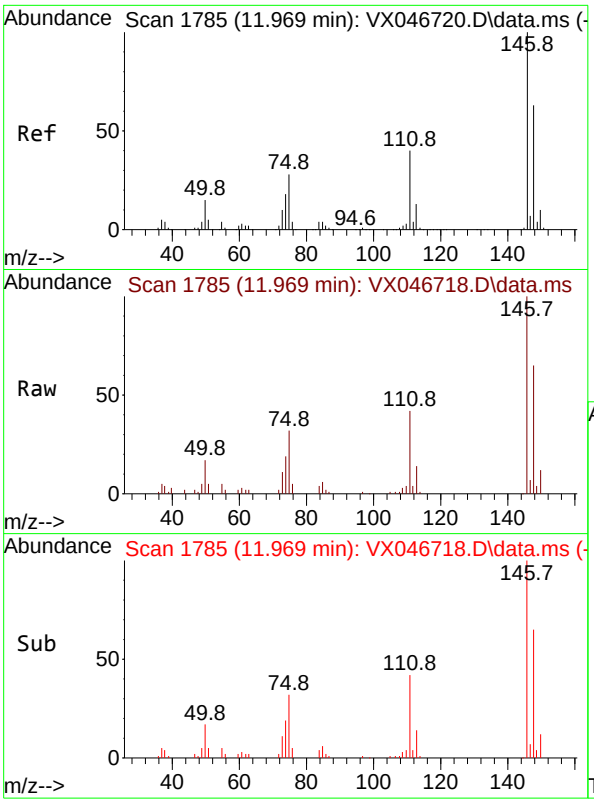


#86
p-Isopropyltoluene
Concen: 4.909 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:119 Resp: 33076

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	23.9	12.3	36.9

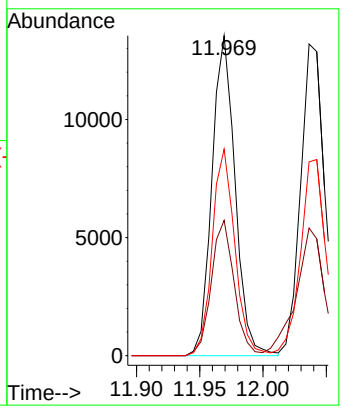




#87
1,3-Dichlorobenzene
Concen: 4.928 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:146 Resp: 1719

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.8
148	63.3	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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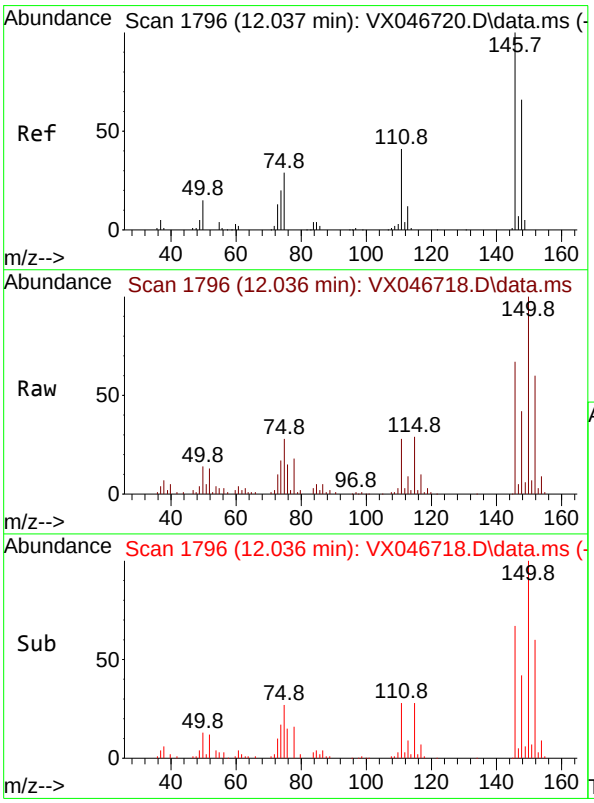
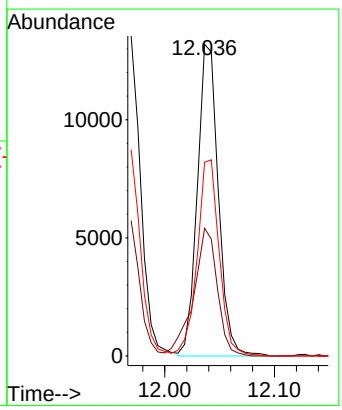
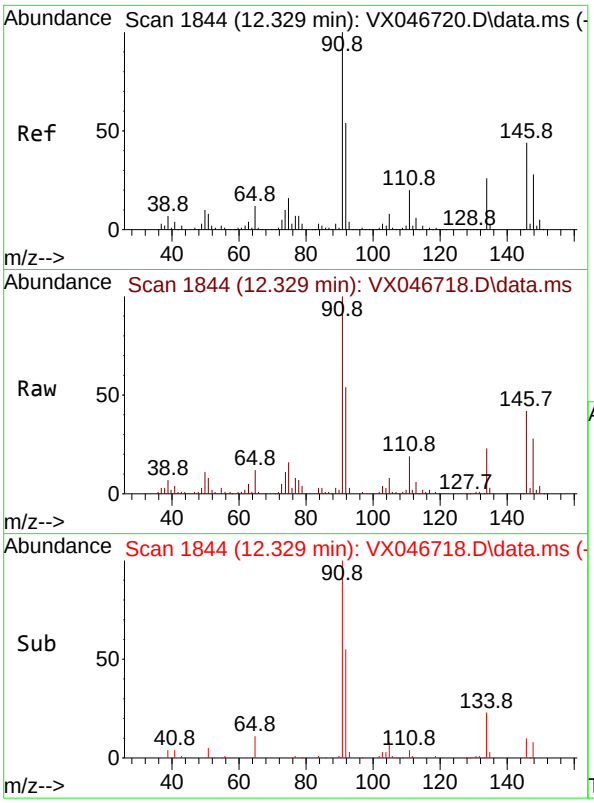


#88
1,4-Dichlorobenzene
Concen: 4.910 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:146 Resp: 17600

Ion	Ratio	Lower	Upper
146	100		
111	46.6	20.3	61.0
148	66.0	32.1	96.5





#89
n-Butylbenzene
Concen: 4.688 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 91 Resp: 2999

Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.1	81.3
134	26.3	12.9	38.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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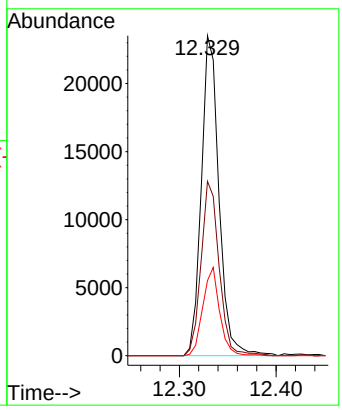
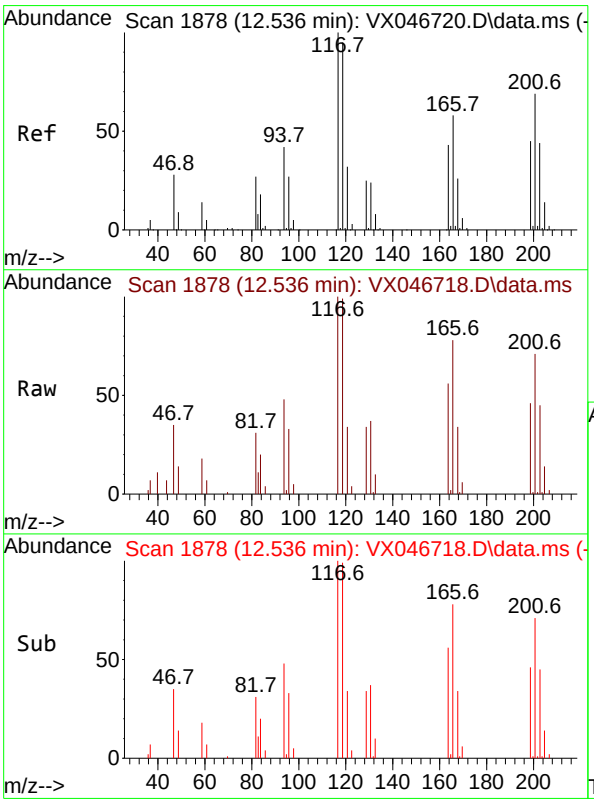
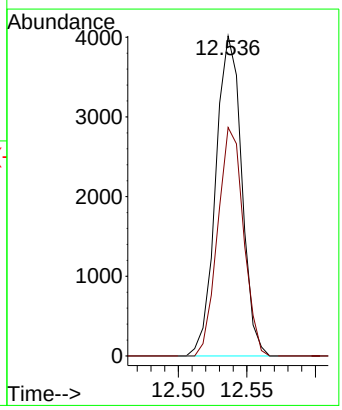


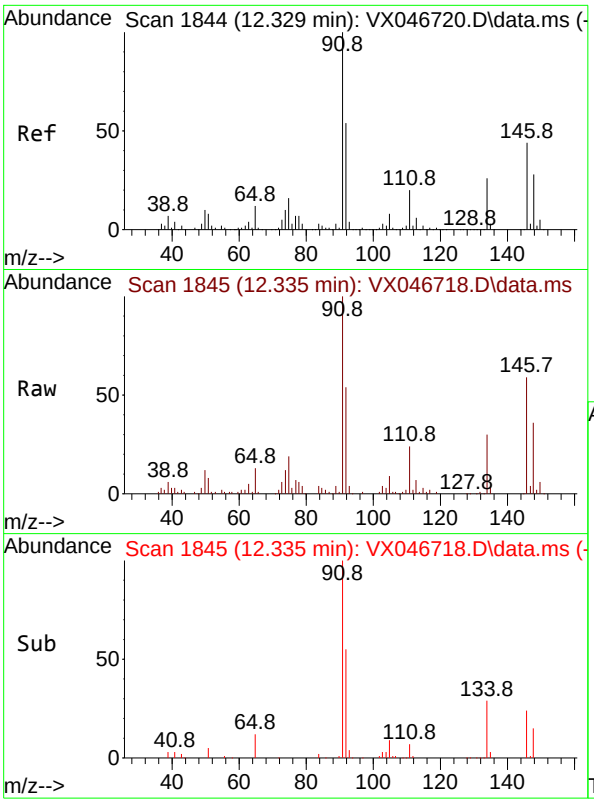


#90
Hexachloroethane
Concen: 4.480 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:117 Resp: 5285

Ion	Ratio	Lower	Upper
117	100		
201	71.1	34.4	103.3

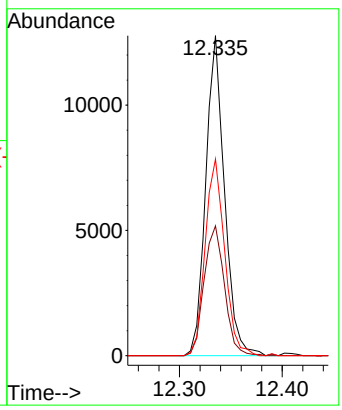




#91
1,2-Dichlorobenzene
Concen: 4.968 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:146 Resp: 1620

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.7	65.1
148	64.0	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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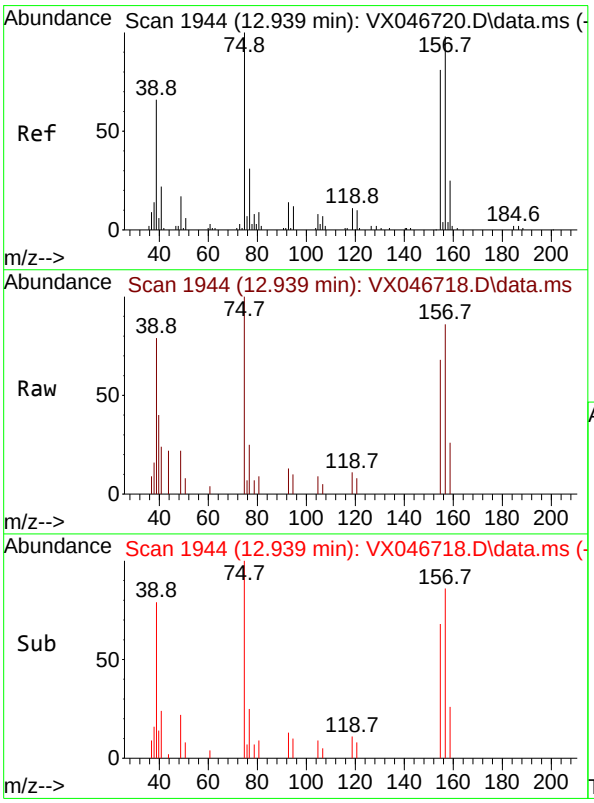
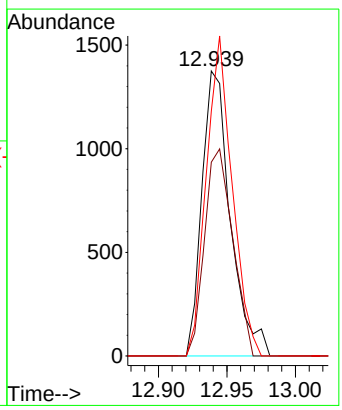
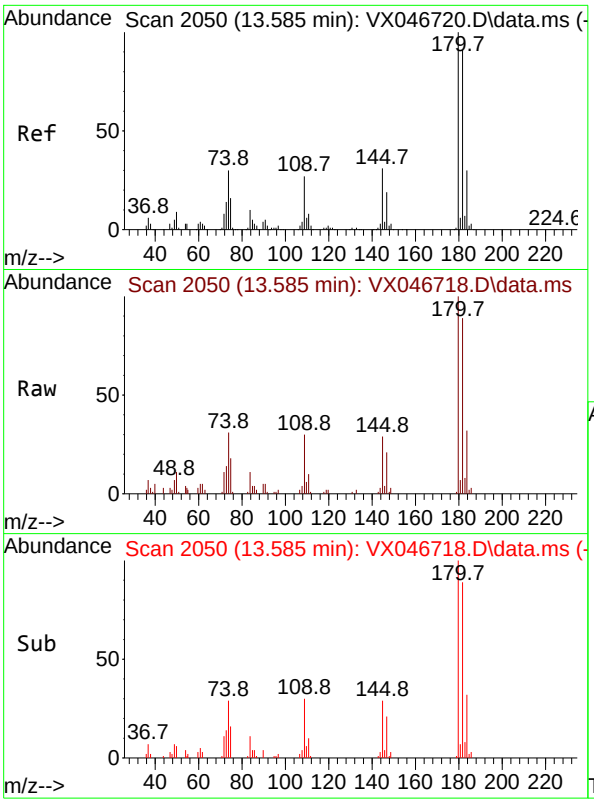


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.834 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 75 Resp: 1982

Ion	Ratio	Lower	Upper
75	100		
155	72.2	41.9	125.7
157	102.4	51.4	154.3

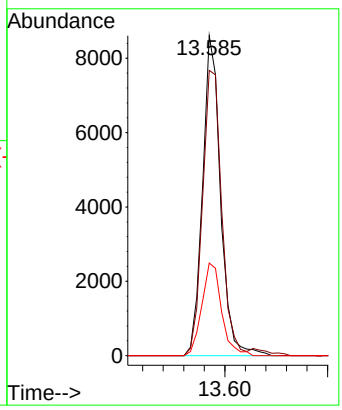




#93
1,2,4-Trichlorobenzene
Concen: 4.532 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:180 Resp: 1050

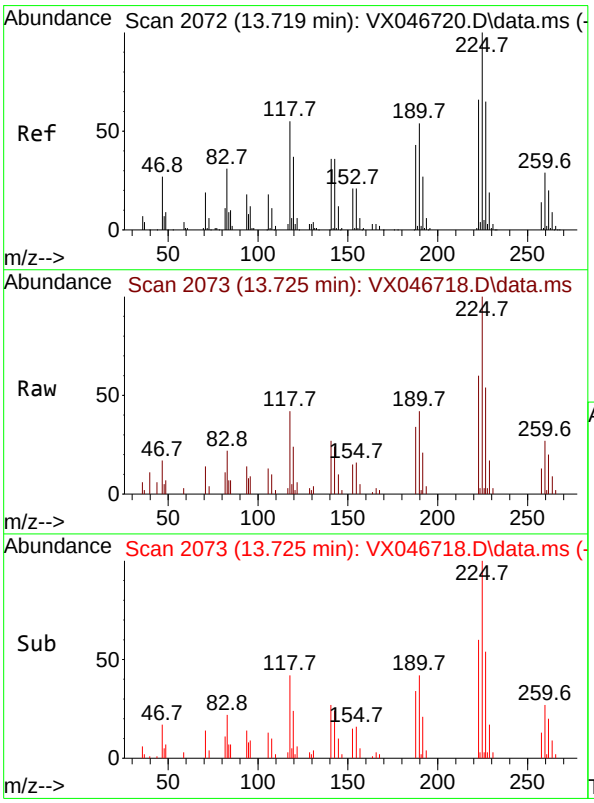
Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.7	140.1
145	31.8	15.8	47.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

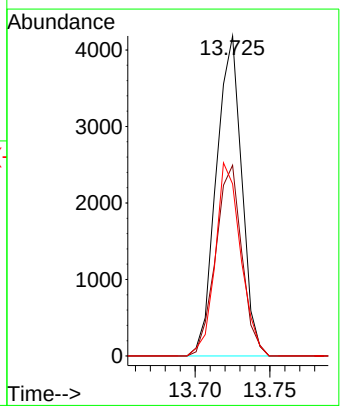
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

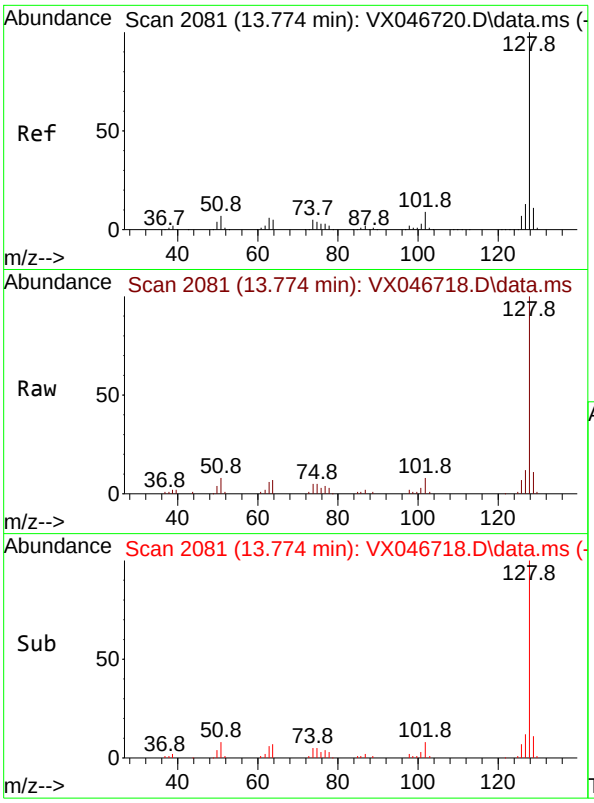


#94
Hexachlorobutadiene
Concen: 5.078 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:225 Resp: 4953

Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.5	97.5
227	60.3	32.2	96.6

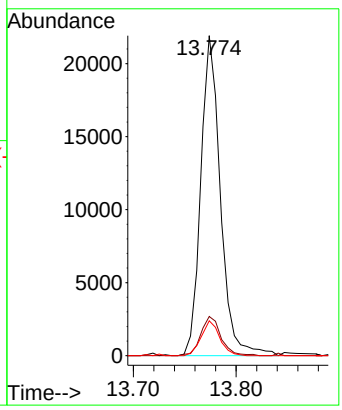




#95
Naphthalene
Concen: 4.414 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:128 Resp: 2915

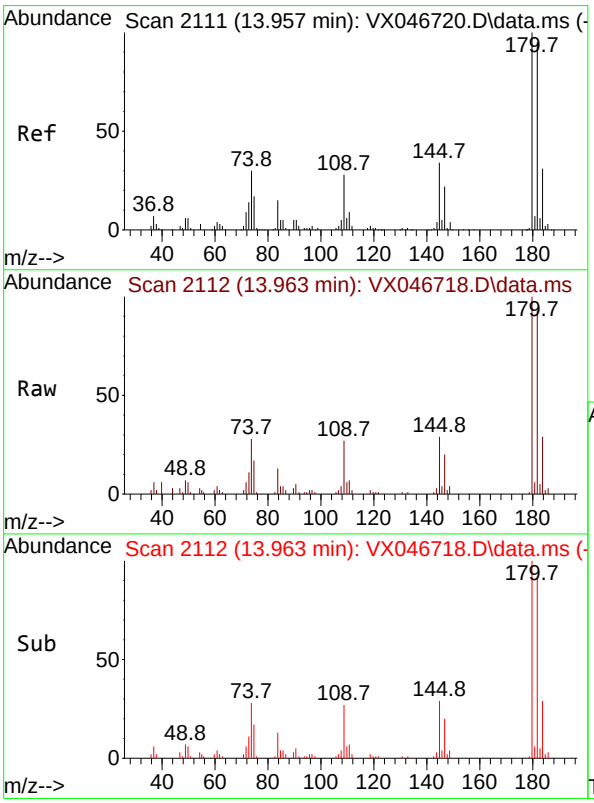
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.3	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

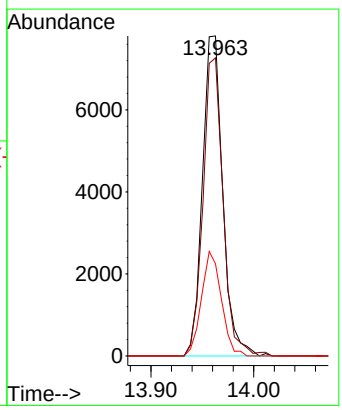
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.835 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:180 Resp: 10725

Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.8	143.4
145	32.0	17.3	51.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	134732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226567	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	197947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	30582	16.410	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	32.820%#		
35) Dibromofluoromethane	5.385	113	24156	16.114	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	32.220%#		
50) Toluene-d8	8.647	98	88197	16.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	32.760%#		
62) 4-Bromofluorobenzene	11.079	95	32067	15.973	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	31.940%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	27297	18.977	ug/l	97
3) Chloromethane	1.307	50	30731	19.793	ug/l	98
4) Vinyl Chloride	1.386	62	34049	20.565	ug/l	96
5) Bromomethane	1.618	94	19805	21.261	ug/l	91
6) Chloroethane	1.697	64	20911	20.838	ug/l	97
7) Trichlorofluoromethane	1.904	101	52480	20.875	ug/l	99
8) Diethyl Ether	2.142	74	18139	21.024	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	32778	21.253	ug/l	98
10) Methyl Iodide	2.465	142	30525	18.775	ug/l	99
11) Tert butyl alcohol	2.953	59	16360	97.808	ug/l	96
12) 1,1-Dichloroethene	2.331	96	30924	20.780	ug/l	92
13) Acrolein	2.246	56	20036	82.237	ug/l	98
14) Allyl chloride	2.672	41	56147	20.823	ug/l	99
15) Acrylonitrile	3.069	53	77278	102.746	ug/l	99
16) Acetone	2.386	43	59747	96.140	ug/l	97
17) Carbon Disulfide	2.526	76	88625	19.721	ug/l	99
18) Methyl Acetate	2.709	43	31812	20.154	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	97187	20.974	ug/l	95
20) Methylene Chloride	2.800	84	35302	20.426	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	33796	21.224	ug/l	95
22) Diisopropyl ether	3.764	45	111712	21.555	ug/l	95
23) Vinyl Acetate	3.727	43	433313	105.140	ug/l	100
24) 1,1-Dichloroethane	3.617	63	62164	21.126	ug/l	98
25) 2-Butanone	4.556	43	87671	99.748	ug/l	99
26) 2,2-Dichloropropane	4.483	77	42992	20.032	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	39374	21.047	ug/l	99
28) Bromochloromethane	4.904	49	24738	18.544	ug/l	100
29) Tetrahydrofuran	5.007	42	56765	99.990	ug/l	98
30) Chloroform	5.093	83	64109	21.785	ug/l	100
31) Cyclohexane	5.477	56	58552	20.982	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	54542	21.133	ug/l	99
36) 1,1-Dichloropropene	5.696	75	44023	20.344	ug/l	99
37) Ethyl Acetate	4.715	43	39916	19.984	ug/l	99
38) Carbon Tetrachloride	5.684	117	48694	20.735	ug/l	97
39) Methylcyclohexane	7.379	83	58170	20.428	ug/l	97
40) Benzene	6.038	78	133872	20.904	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21970	20.632	ug/l		97
42) 1,2-Dichloroethane	6.086	62	47430	21.076	ug/l		99
43) Isopropyl Acetate	6.342	43	62432	19.975	ug/l		100
44) Trichloroethene	7.129	130	33927	20.788	ug/l		100
45) 1,2-Dichloropropane	7.428	63	33688	21.226	ug/l		94
46) Dibromomethane	7.580	93	23569	20.663	ug/l		99
47) Bromodichloromethane	7.818	83	49411	21.227	ug/l		98
48) Methyl methacrylate	7.690	41	31856	20.322	ug/l		98
49) 1,4-Dioxane	7.659	88	8340	382.035	ug/l		93
51) 4-Methyl-2-Pentanone	8.568	43	187509	100.586	ug/l		99
52) Toluene	8.714	92	84030	21.166	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	43852	20.304	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	50326	20.526	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	30865	20.862	ug/l		94
56) Ethyl methacrylate	9.116	69	44702	20.468	ug/l		99
57) 1,3-Dichloropropane	9.305	76	52181	20.480	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	106505	93.878	ug/l		99
59) 2-Hexanone	9.427	43	129218	100.265	ug/l		99
60) Dibromochloromethane	9.519	129	36392	20.872	ug/l		99
61) 1,2-Dibromoethane	9.604	107	31507	20.936	ug/l		100
64) Tetrachloroethene	9.269	164	27988	20.408	ug/l		97
65) Chlorobenzene	10.073	112	90868	20.796	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	31508	21.455	ug/l		100
67) Ethyl Benzene	10.189	91	160761	21.056	ug/l		99
68) m/p-Xylenes	10.299	106	121014	42.539	ug/l		99
69) o-Xylene	10.640	106	57689	21.638	ug/l		100
70) Styrene	10.653	104	99462	21.318	ug/l		99
71) Bromoform	10.799	173	23372	20.898	ug/l	#	100
73) Isopropylbenzene	10.957	105	153861	21.255	ug/l		99
74) N-amyl acetate	10.842	43	57185	20.851	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	42272	20.914	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	41901m	20.989	ug/l		
77) Bromobenzene	11.195	156	37464	21.507	ug/l		99
78) n-propylbenzene	11.299	91	184078	21.410	ug/l		100
79) 2-Chlorotoluene	11.360	91	107552	20.952	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	129635	21.793	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	11694	18.362	ug/l		98
82) 4-Chlorotoluene	11.451	91	127954	21.358	ug/l		100
83) tert-Butylbenzene	11.713	119	130359	21.201	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	128566	21.512	ug/l		99
85) sec-Butylbenzene	11.890	105	165047	21.239	ug/l		99
86) p-Isopropyltoluene	12.006	119	138623	21.142	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	70243	20.681	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	71953	20.625	ug/l		99
89) n-Butylbenzene	12.329	91	129101	20.738	ug/l		100
90) Hexachloroethane	12.536	117	23645	20.594	ug/l		97
91) 1,2-Dichlorobenzene	12.329	146	66883	21.073	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8071	20.226	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	44726	19.821	ug/l		97
94) Hexachlorobutadiene	13.725	225	19698	20.752	ug/l		99
95) Naphthalene	13.774	128	129768	20.186	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	44380	20.558	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

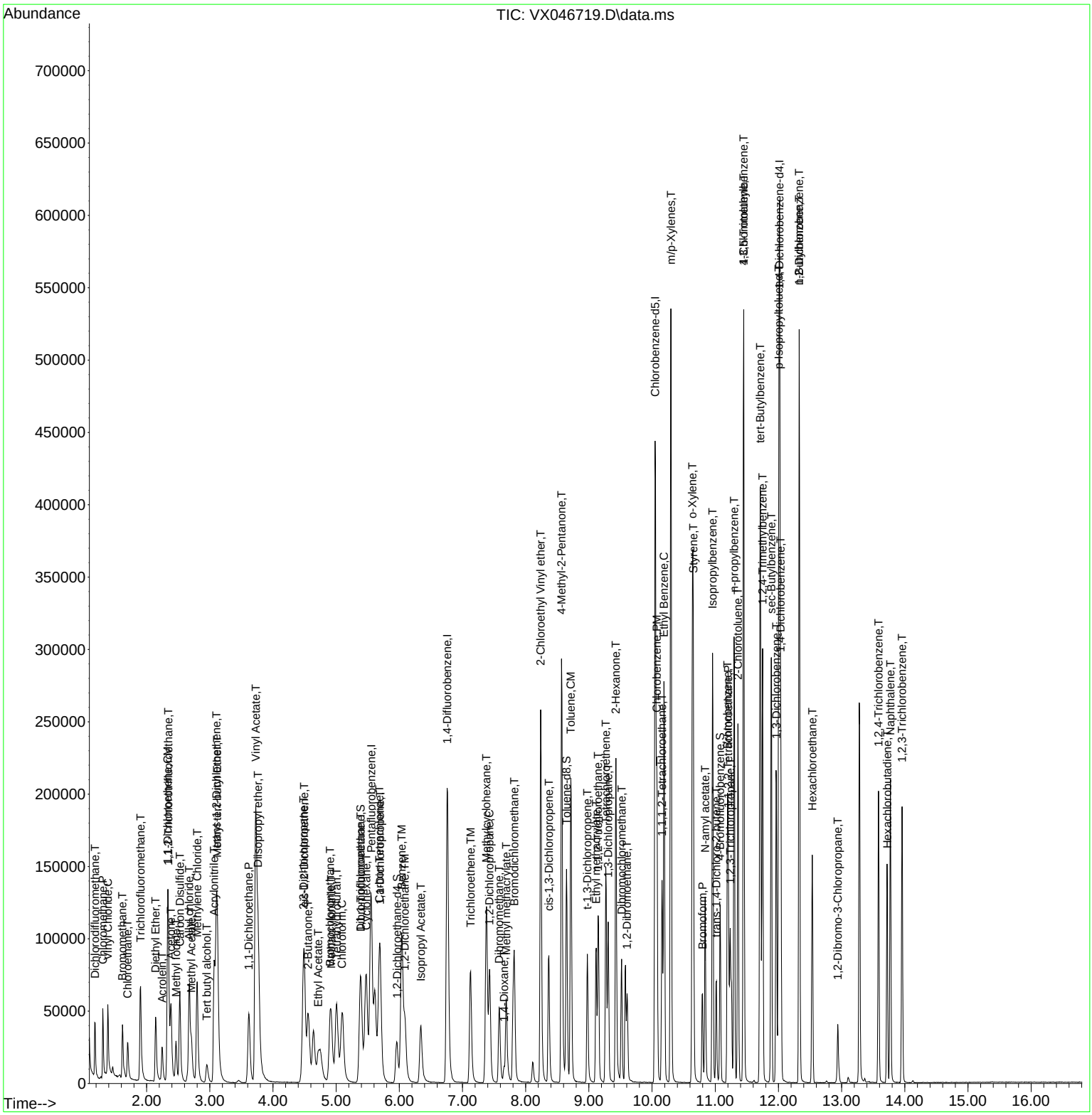
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

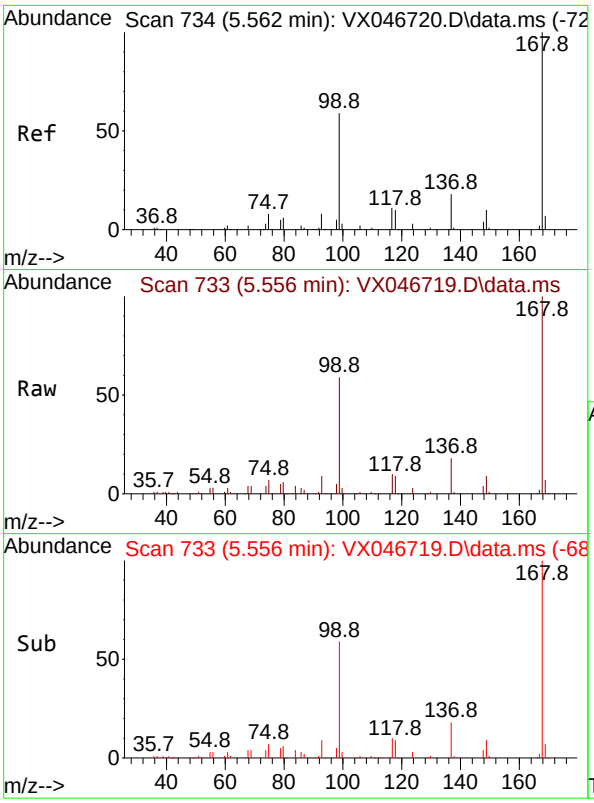
Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

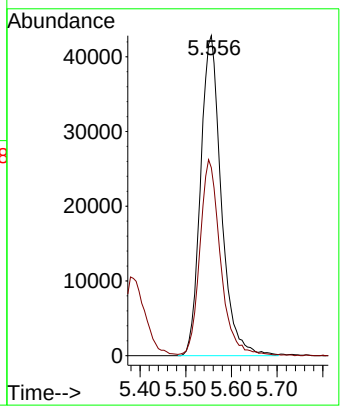




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:168 Resp: 13473

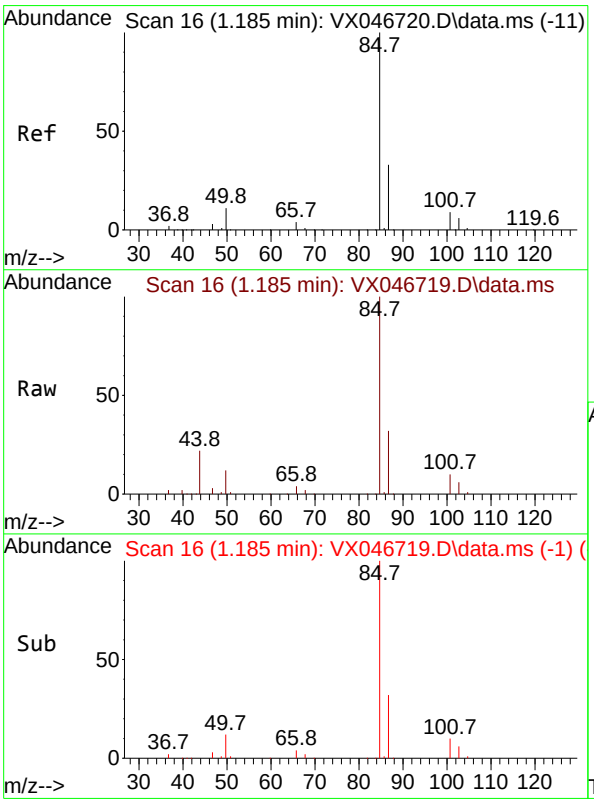
Ion	Ratio	Lower	Upper
168	100		
99	58.4	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

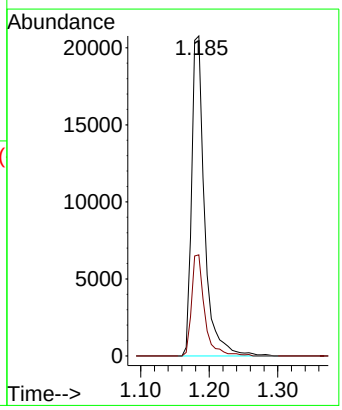
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

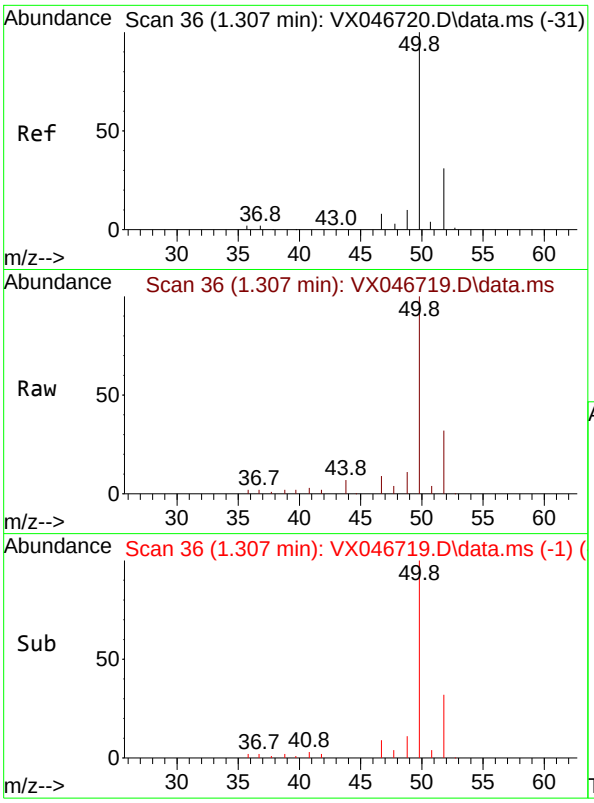


#2
Dichlorodifluoromethane
Concen: 18.977 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 85 Resp: 27297

Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.6	49.8

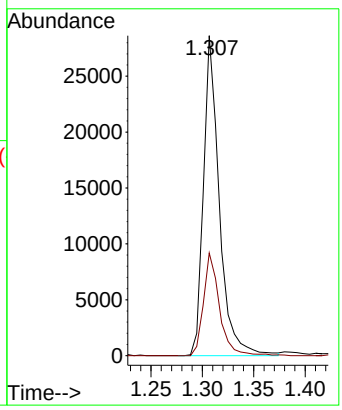




#3
Chloromethane
Concen: 19.793 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 50 Resp: 3073

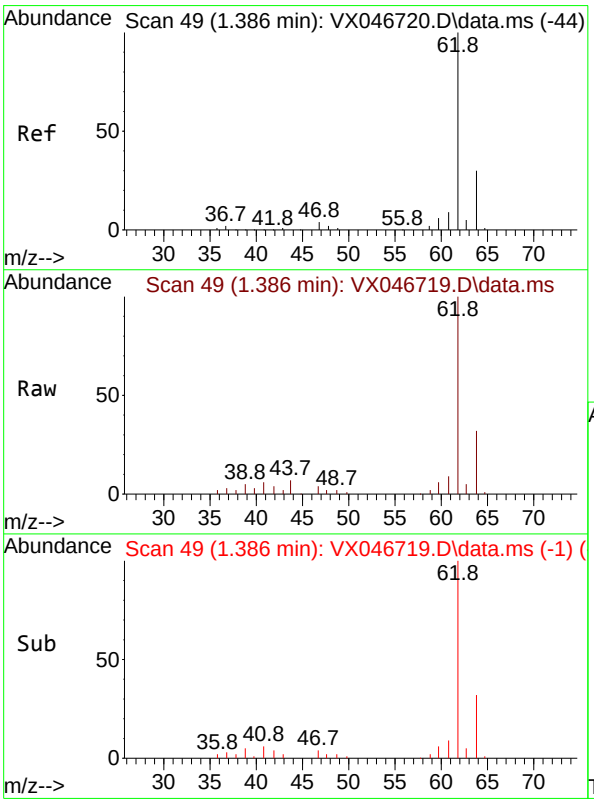
Ion	Ratio	Lower	Upper
50	100		
52	32.1	24.9	37.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

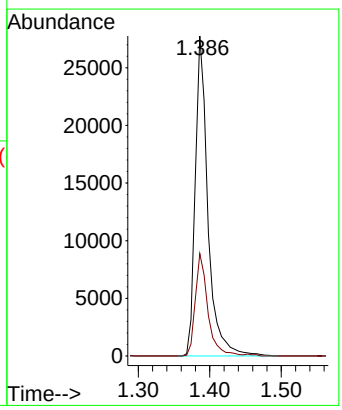
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

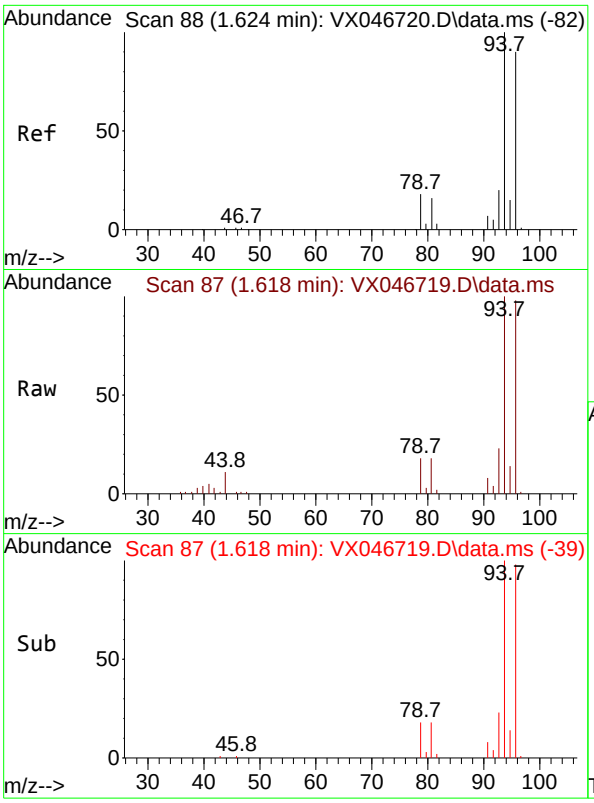


#4
Vinyl Chloride
Concen: 20.565 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 62 Resp: 34049

Ion	Ratio	Lower	Upper
62	100		
64	32.0	23.9	35.9





#5
Bromomethane
Concen: 21.261 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 94 Resp: 1980

Ion	Ratio	Lower	Upper
94	100		
96	99.2	72.3	108.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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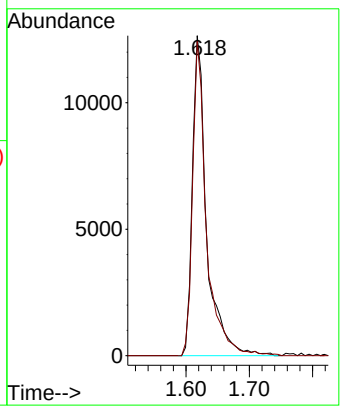
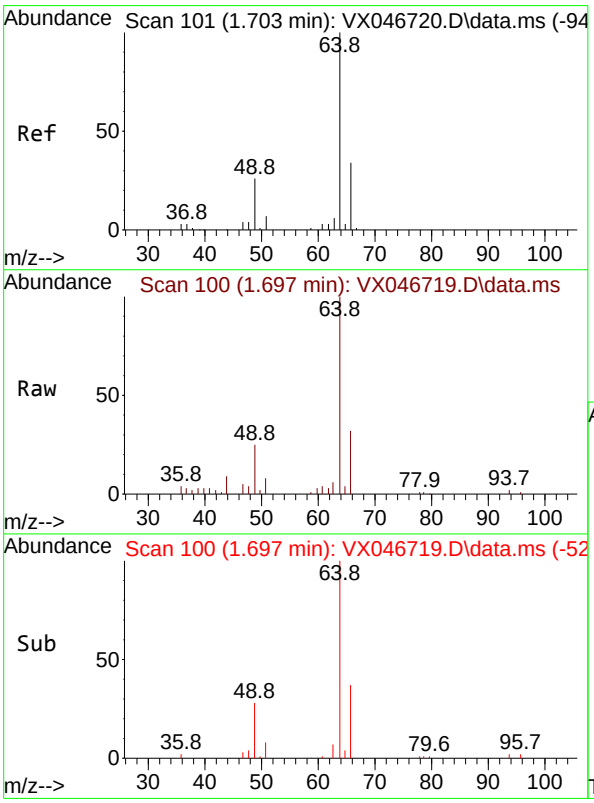
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

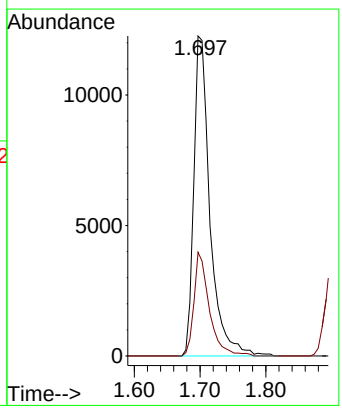


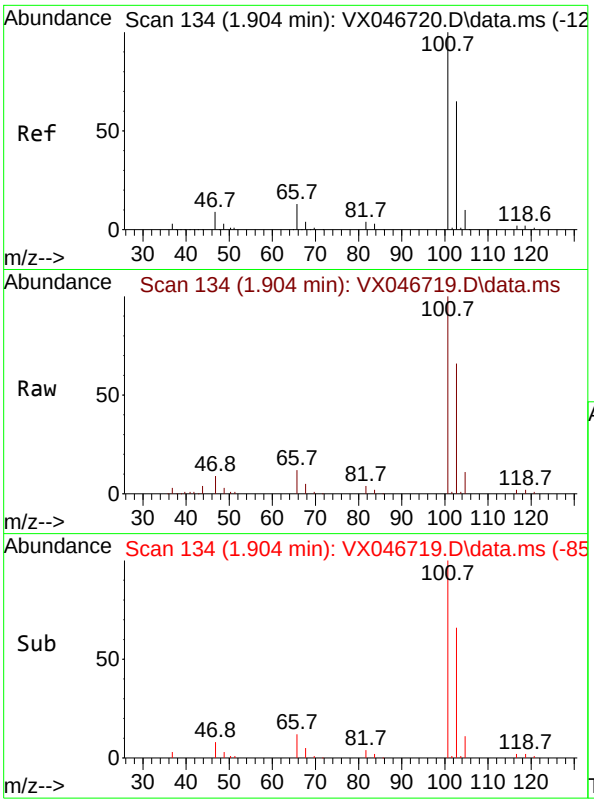


#6
Chloroethane
Concen: 20.838 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 64 Resp: 20911

Ion	Ratio	Lower	Upper
64	100		
66	32.4	27.1	40.7

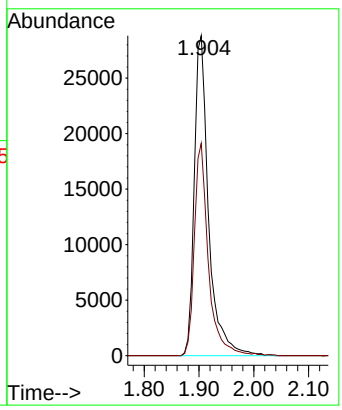




#7
Trichlorofluoromethane
Concen: 20.875 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:101 Resp: 5248

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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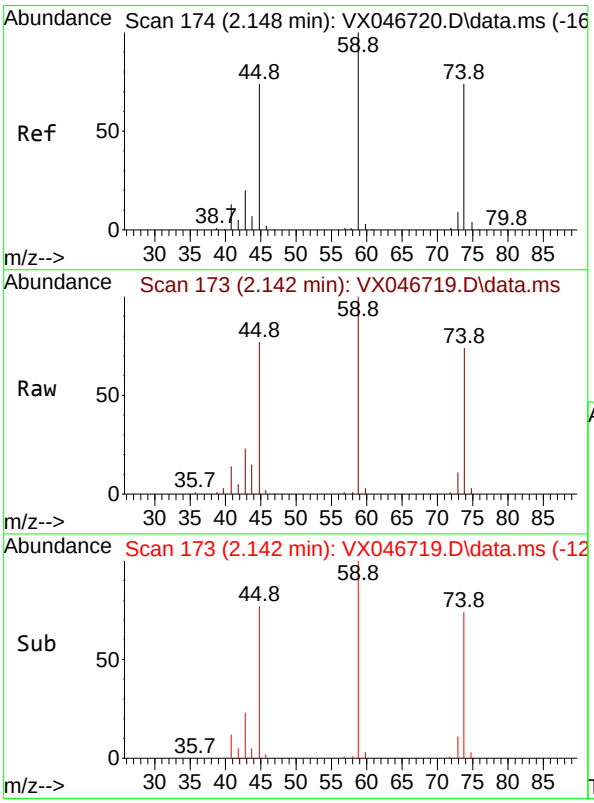
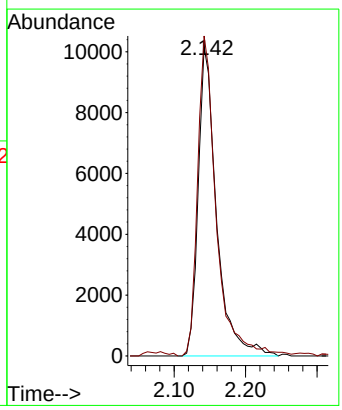
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

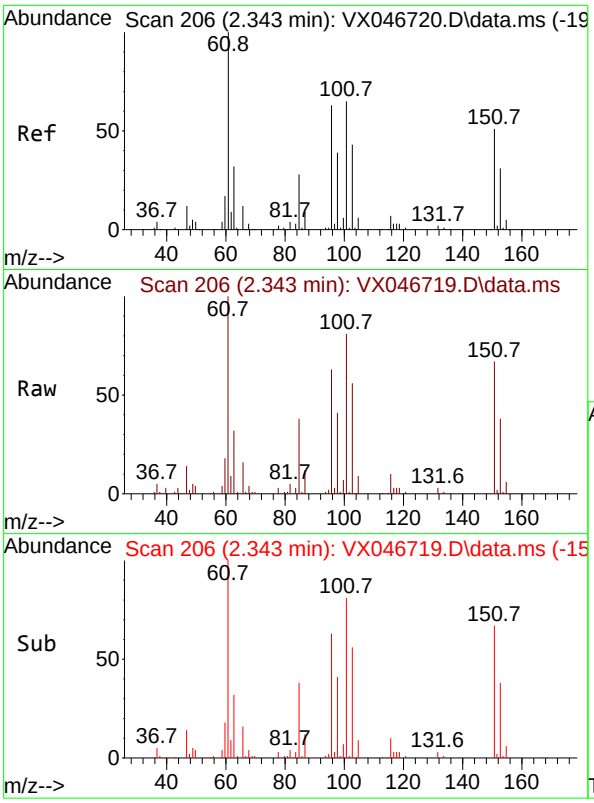


#8
Diethyl Ether
Concen: 21.024 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 74 Resp: 18139

Ion	Ratio	Lower	Upper
74	100		
45	104.8	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.253 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:101 Resp: 3277

Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.4	53.0
151	74.1	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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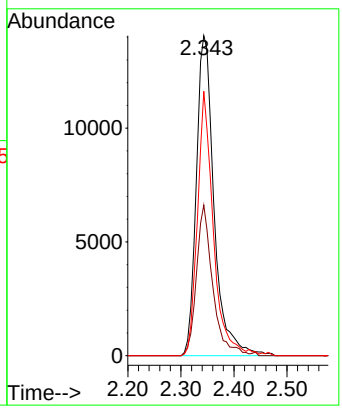
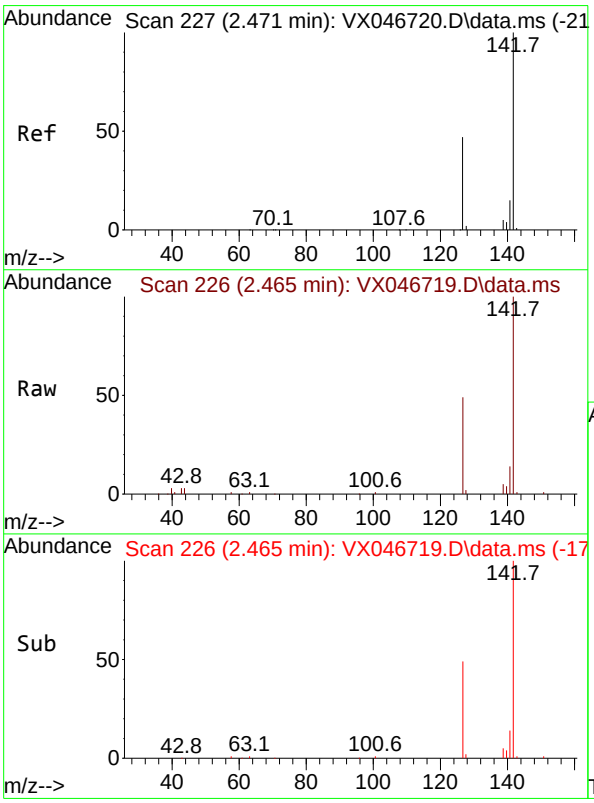
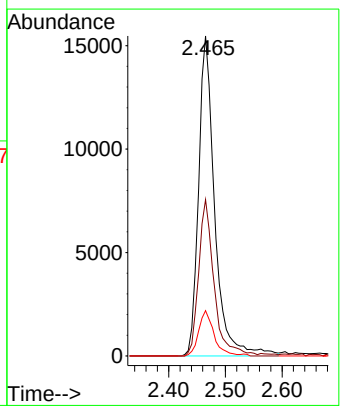


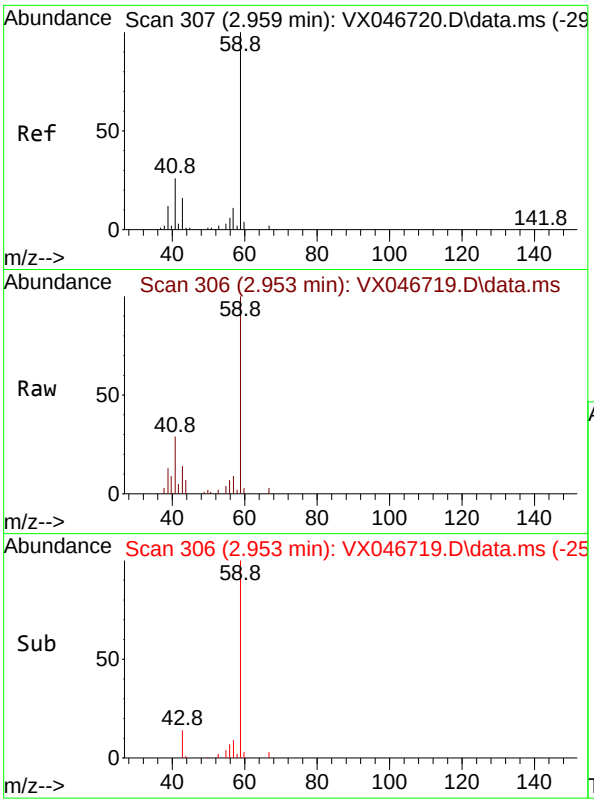


#10
Methyl Iodide
Concen: 18.775 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:142 Resp: 30525

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.0	55.6
141	13.7	11.5	17.3





#11
Tert butyl alcohol
Concen: 97.808 ug/l
RT: 2.953 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 59 Resp: 1636

Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/18/2025
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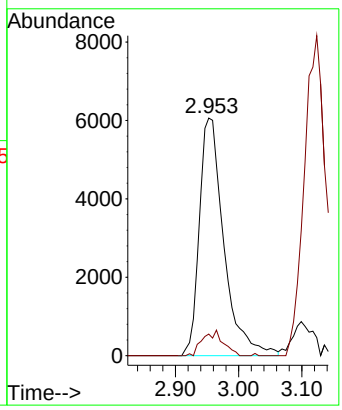
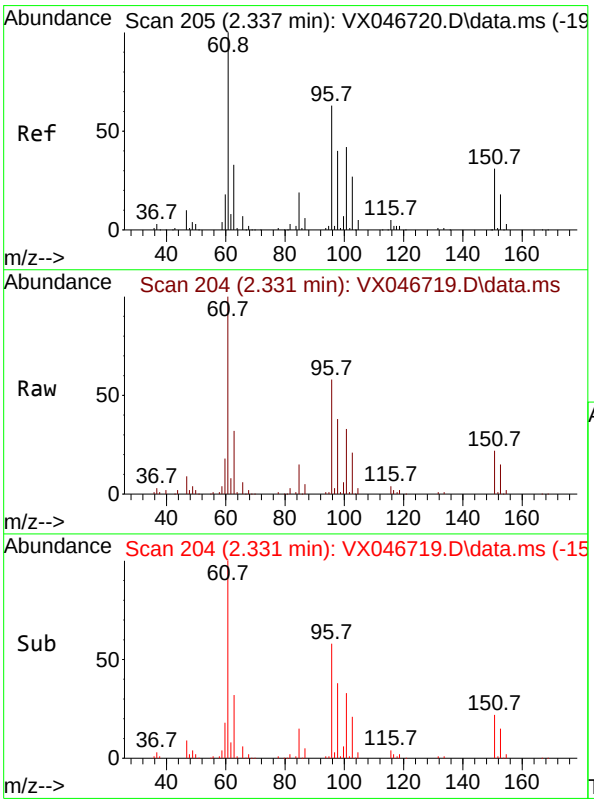
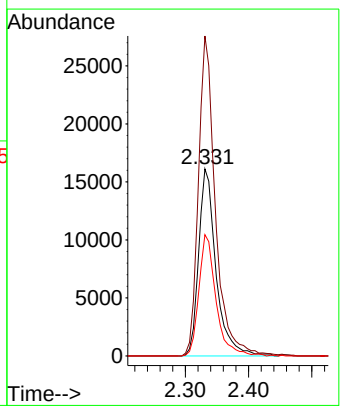


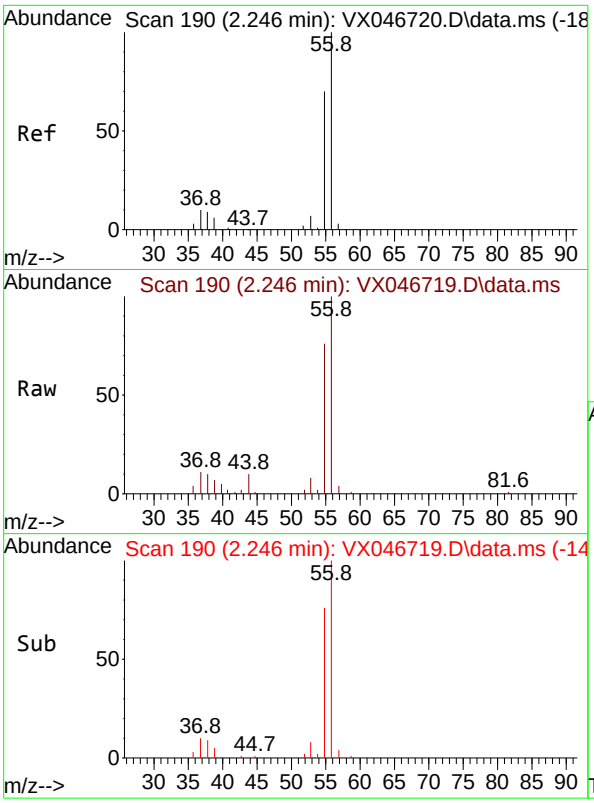


#12
1,1-Dichloroethene
Concen: 20.780 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 96 Resp: 30924

Ion	Ratio	Lower	Upper
96	100		
61	171.1	126.6	189.8
98	64.9	50.7	76.1

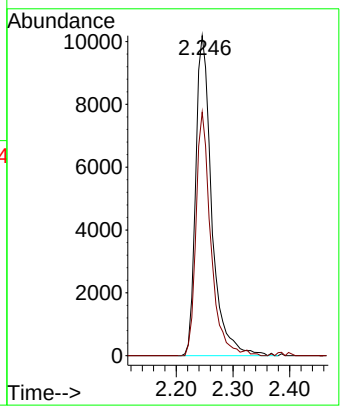




#13
Acrolein
Concen: 82.237 ug/l
RT: 2.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 56 Resp: 2003

Ion	Ratio	Lower	Upper
56	100		
55	70.4	55.2	82.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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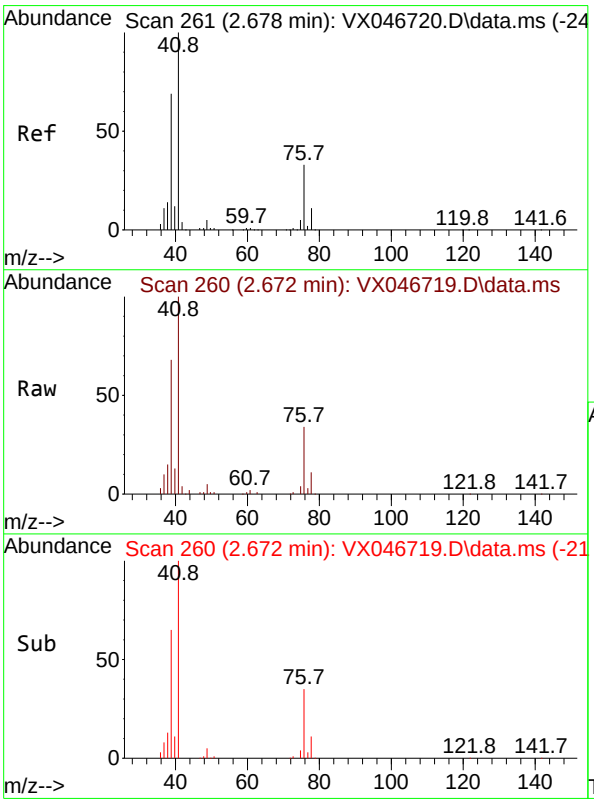
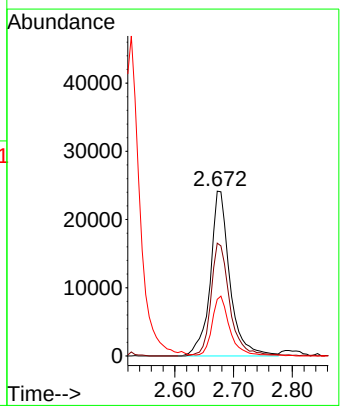
Supervised By :Mahesh Dadoda 06/18/2025

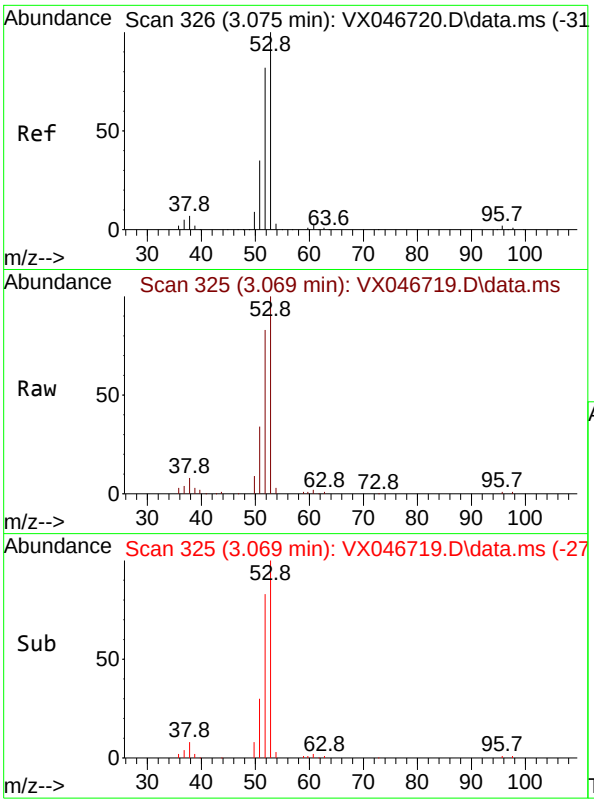


#14
Allyl chloride
Concen: 20.823 ug/l
RT: 2.672 min Scan# 260
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 41 Resp: 56147

Ion	Ratio	Lower	Upper
41	100		
39	66.0	53.6	80.4
76	33.0	26.8	40.2

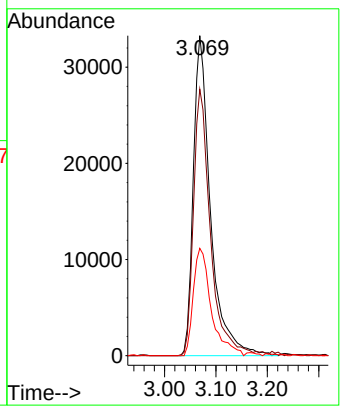




#15
Acrylonitrile
Concen: 102.746 ug/l
RT: 3.069 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 53 Resp: 7727

Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.1	97.7
51	35.1	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/18/2025
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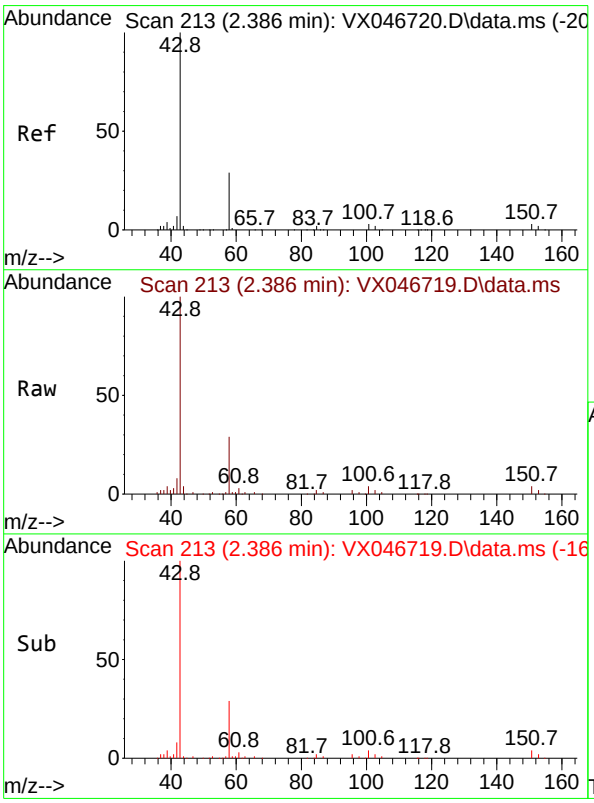
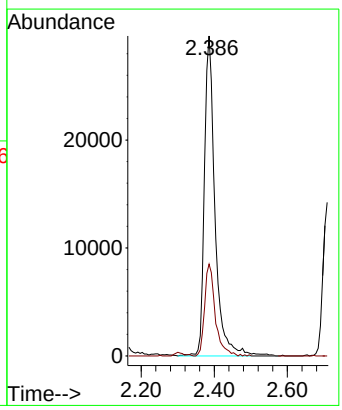
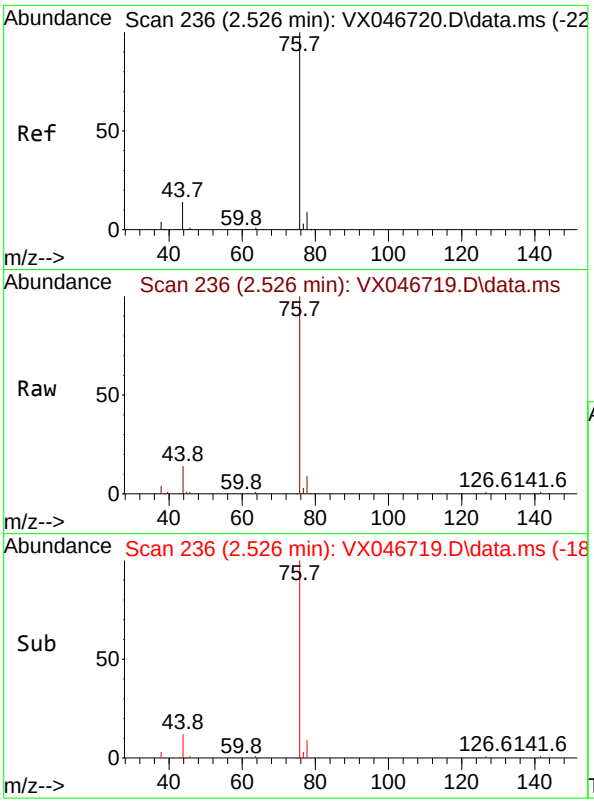


#16
Acetone
Concen: 96.140 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 59747

Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.5	36.7

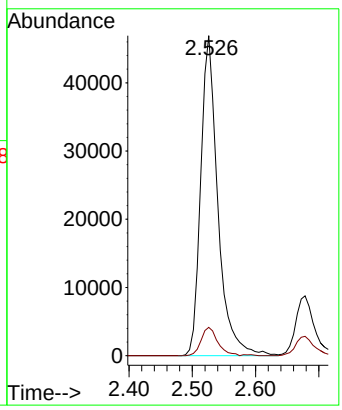




#17
Carbon Disulfide
Concen: 19.721 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 76 Resp: 8862

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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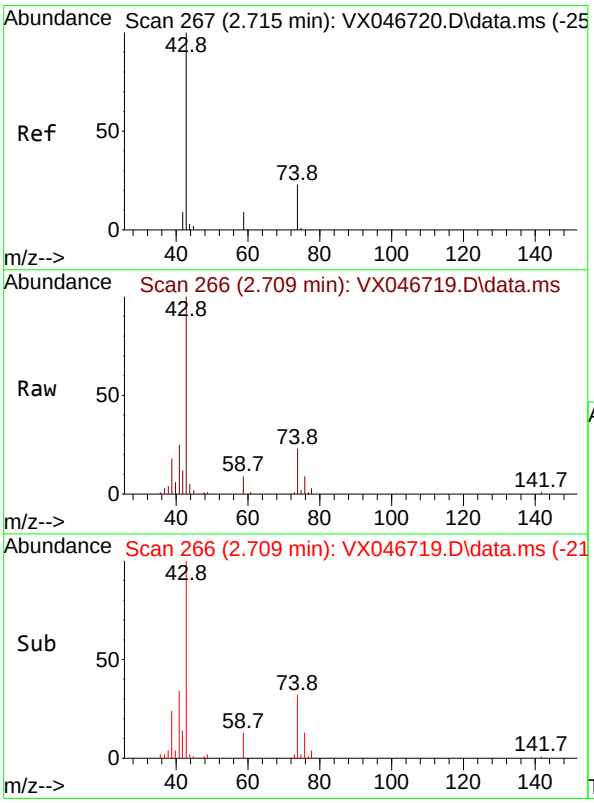
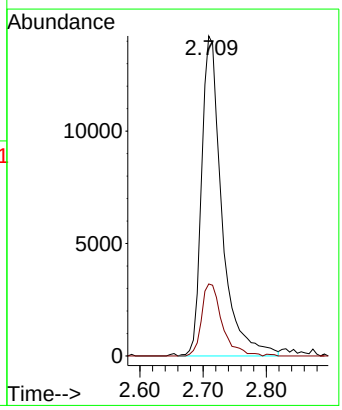
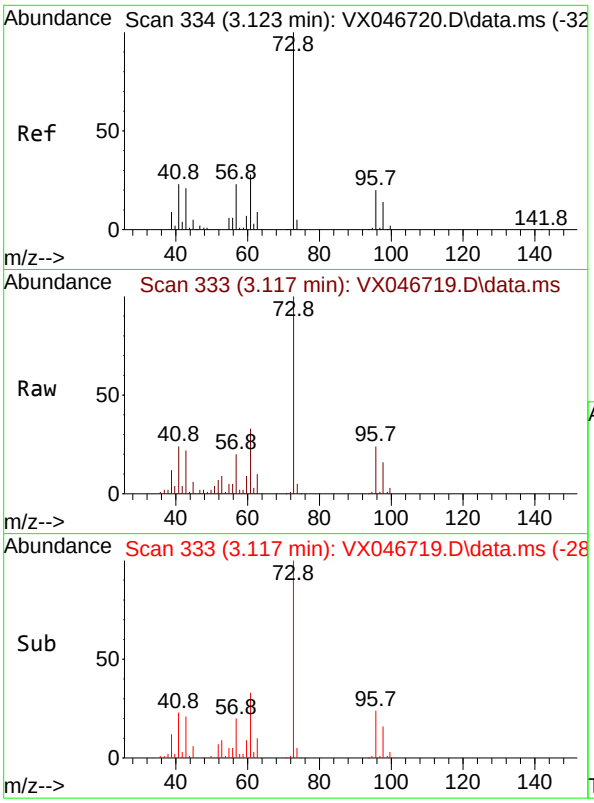


#18
Methyl Acetate
Concen: 20.154 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 31812

Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.4	27.6





#19
Methyl tert-butyl Ether
Concen: 20.974 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 73 Resp: 9718

Ion	Ratio	Lower	Upper
73	100		
57	20.2	18.2	27.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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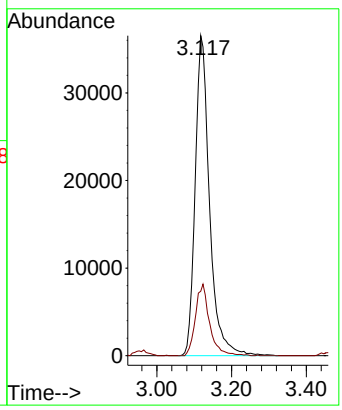
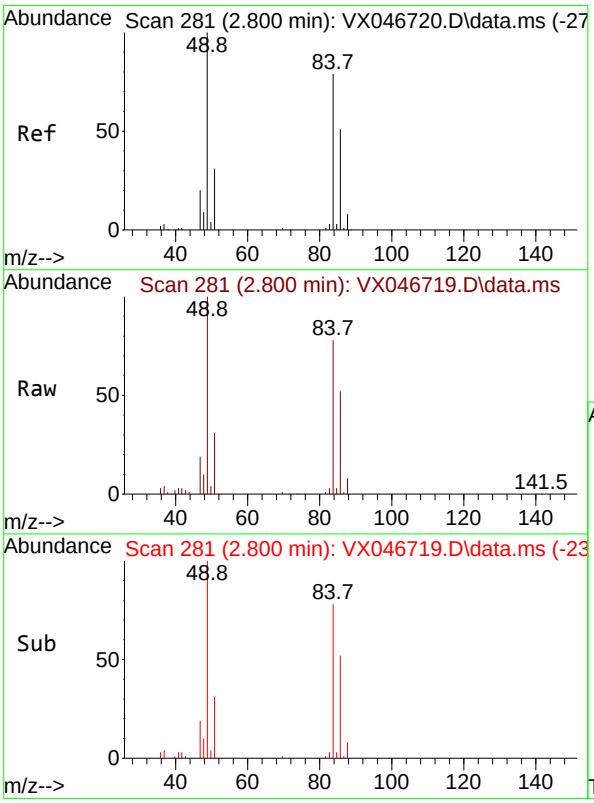
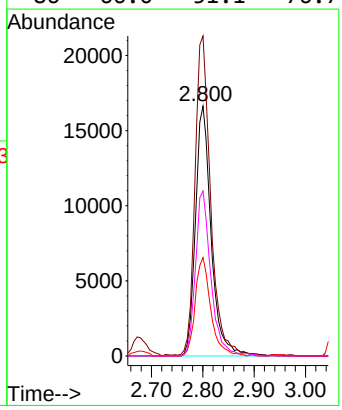


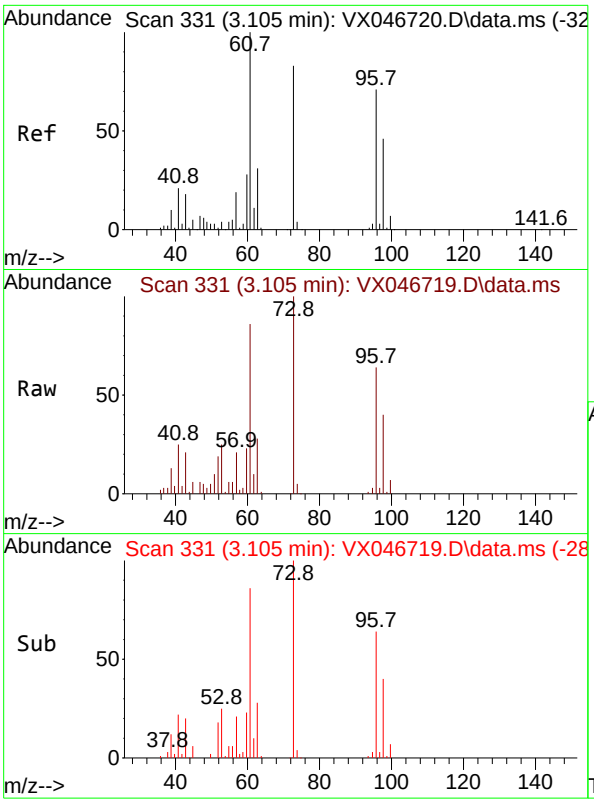


#20
Methylene Chloride
Concen: 20.426 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 84 Resp: 35302

Ion	Ratio	Lower	Upper
84	100		
49	127.8	101.3	151.9
51	39.4	31.0	46.6
86	66.0	51.1	76.7

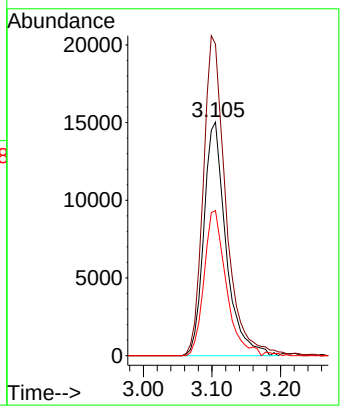




#21
trans-1,2-Dichloroethene
Concen: 21.224 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 96 Resp: 3379

Ion	Ratio	Lower	Upper
96	100		
61	133.3	112.5	168.7
98	62.1	51.9	77.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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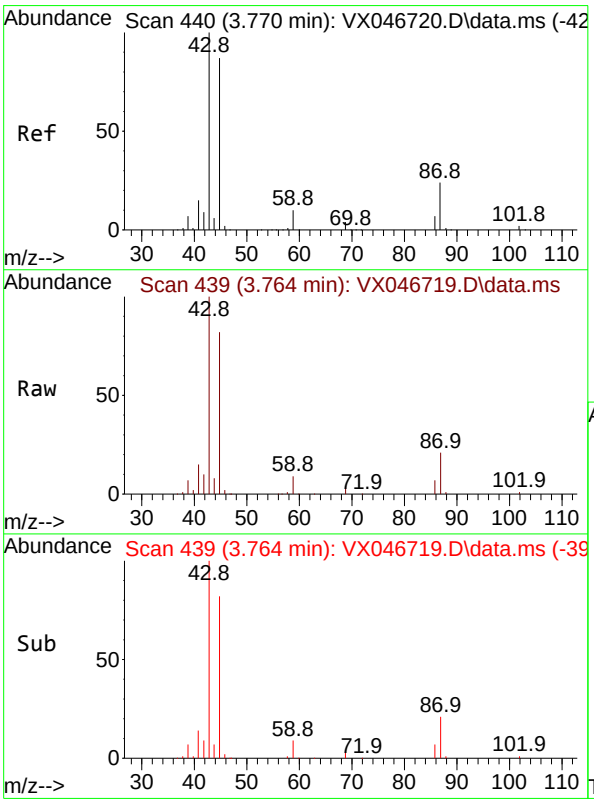
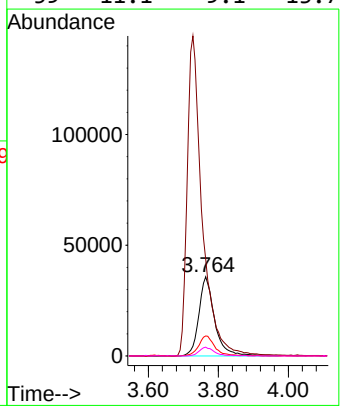
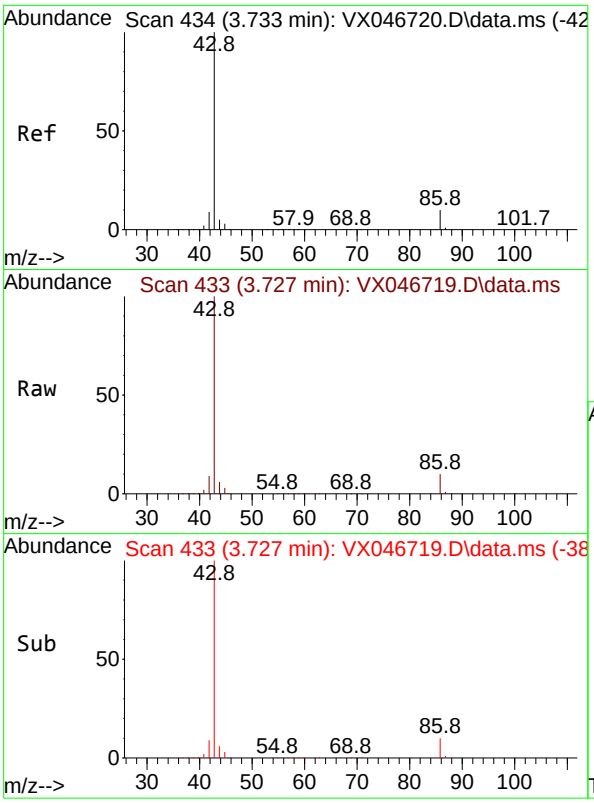


#22
Diisopropyl ether
Concen: 21.555 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 45 Resp: 111712

Ion	Ratio	Lower	Upper
45	100		
43	120.9	91.9	137.9
87	25.2	22.0	33.0
59	11.1	9.1	13.7





#23
Vinyl Acetate
Concen: 105.140 ug/l
RT: 3.727 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 43331

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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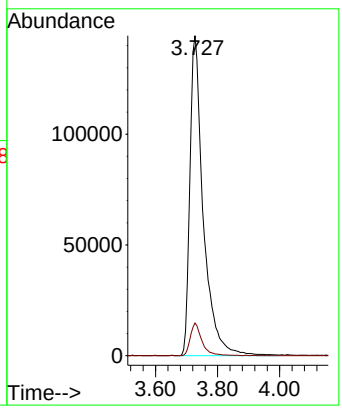
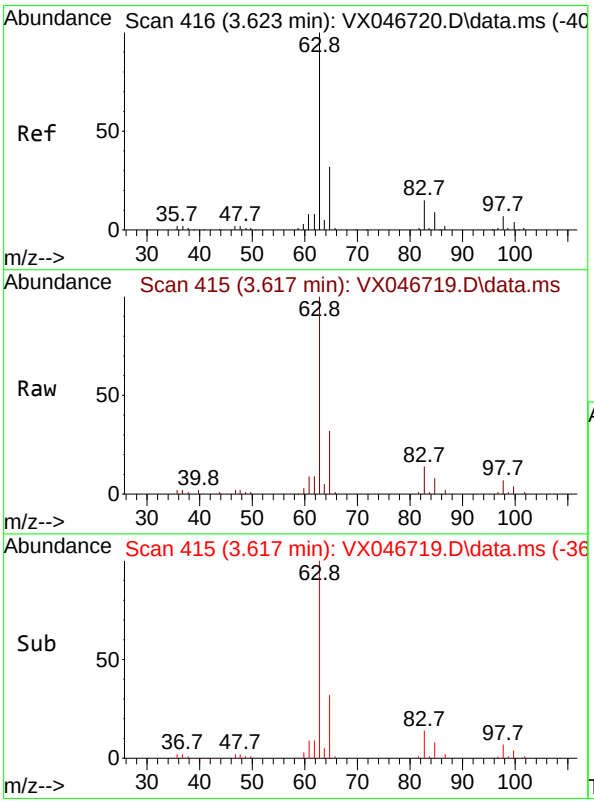
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

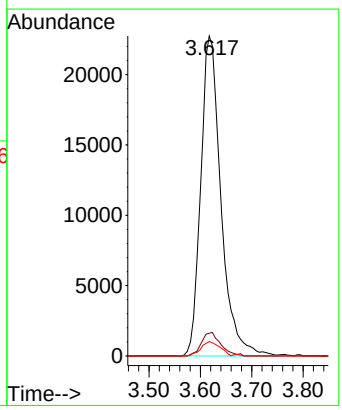


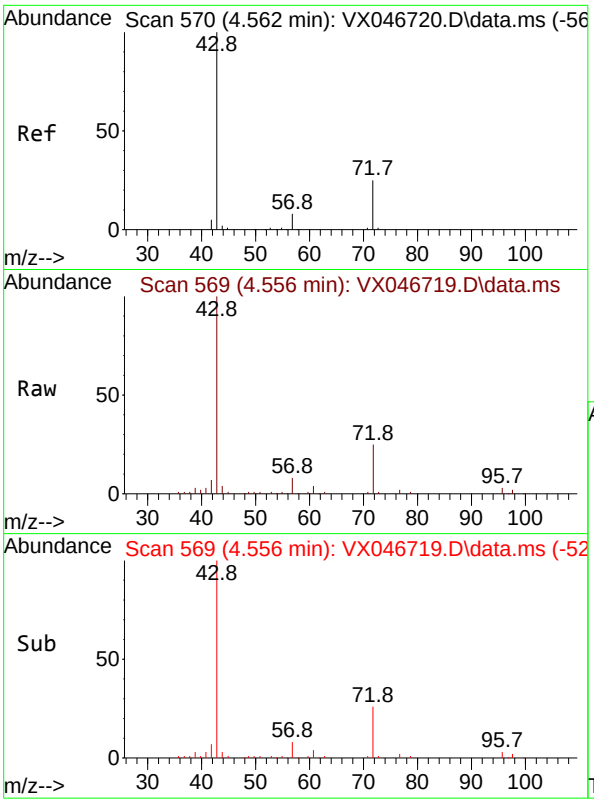


#24
1,1-Dichloroethane
Concen: 21.126 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 63 Resp: 62164

Ion	Ratio	Lower	Upper
63	100		
98	7.1	4.0	11.9
100	4.5	2.2	6.6





#25
2-Butanone
Concen: 99.748 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 8767

Ion	Ratio	Lower	Upper
43	100		
72	24.9	20.2	30.4

Instrument :
MSVOA_X
ClientSampleId :
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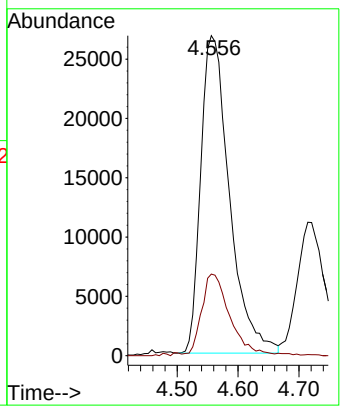
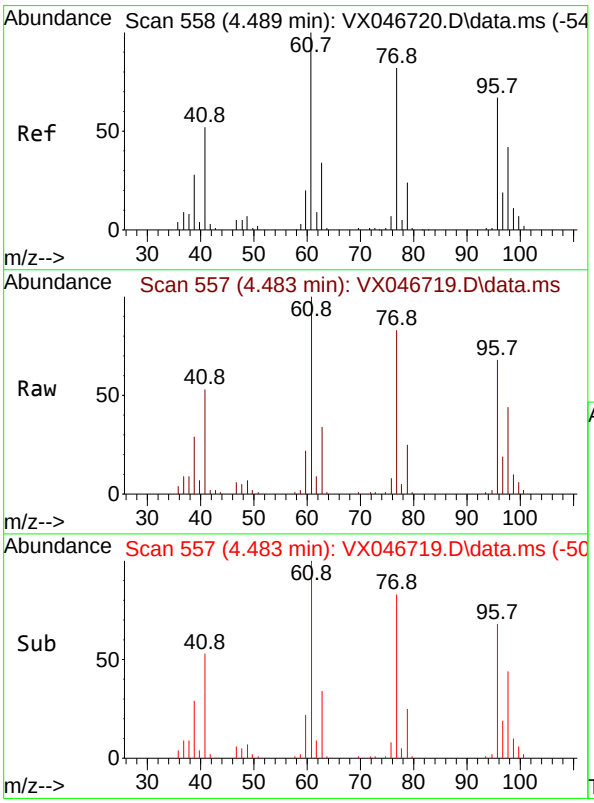
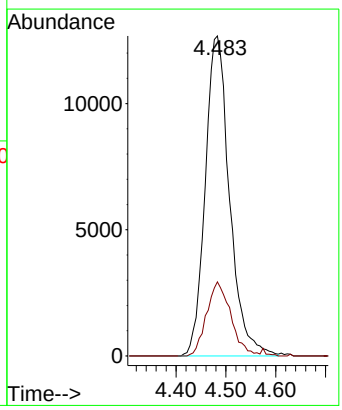


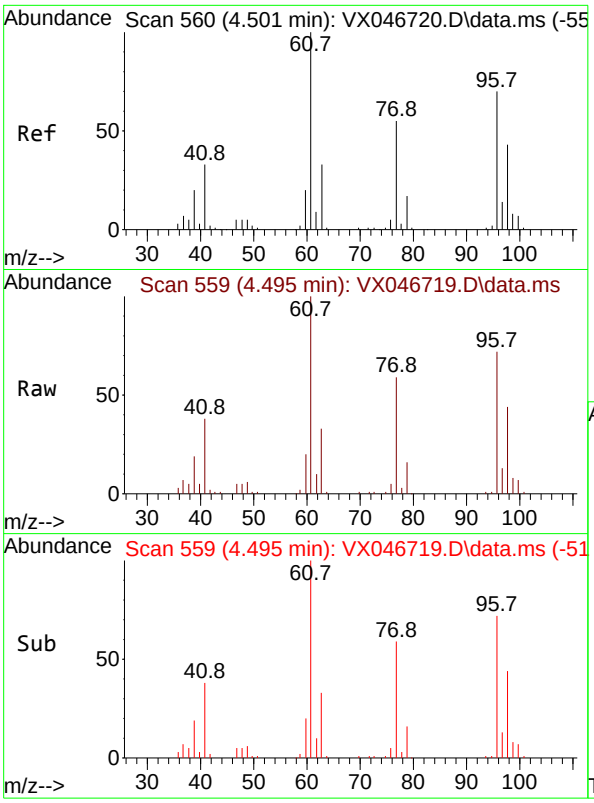


#26
2,2-Dichloropropane
Concen: 20.032 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 77 Resp: 42992

Ion	Ratio	Lower	Upper
77	100		
97	22.9	11.8	35.3

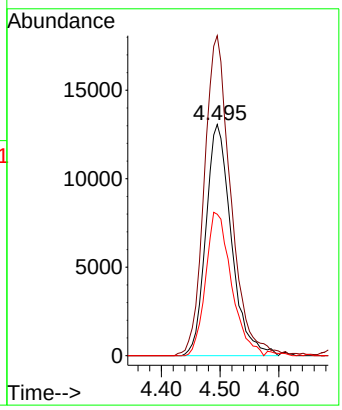




#27
cis-1,2-Dichloroethene
Concen: 21.047 ug/l
RT: 4.495 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 96 Resp: 3937

Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	291.0
98	62.5	0.0	126.8



Instrument :
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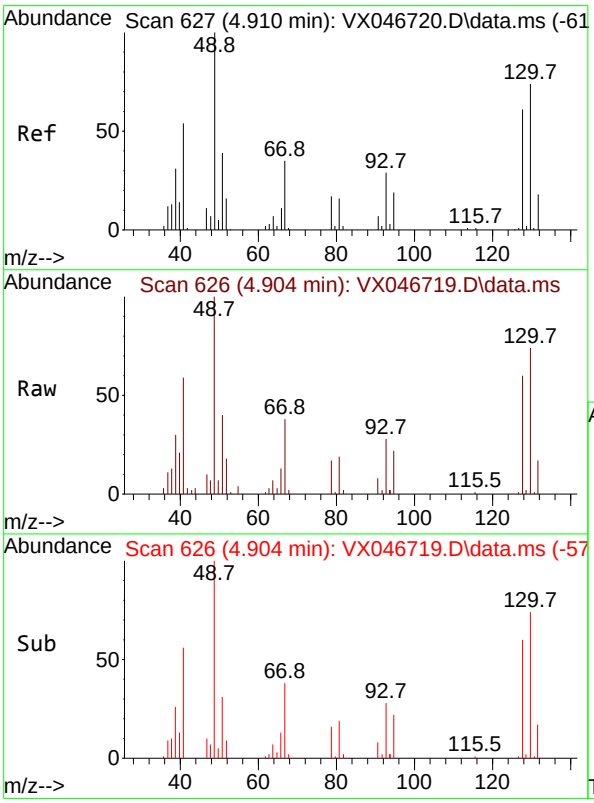
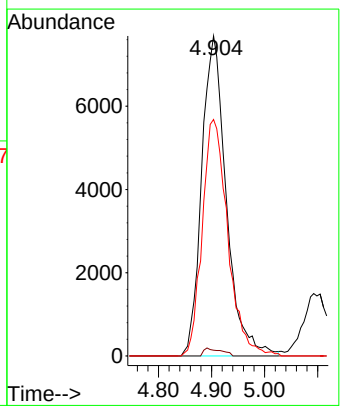
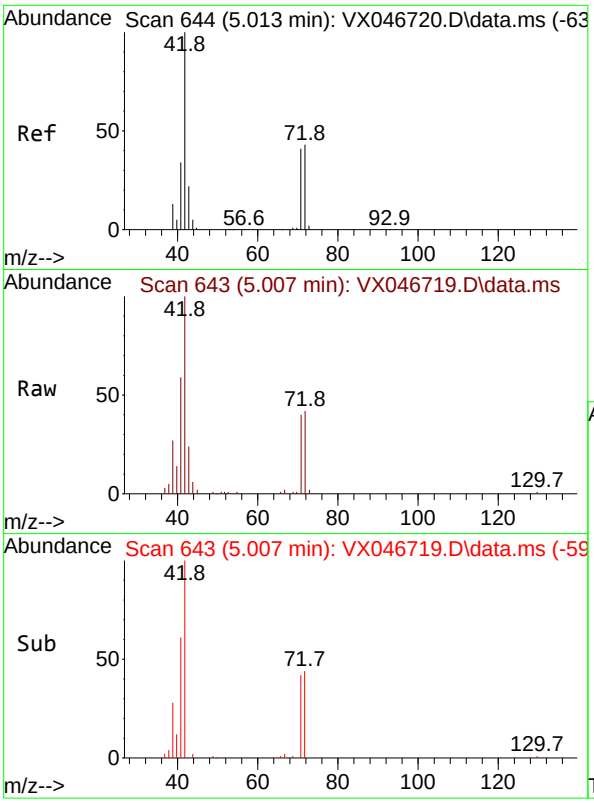


#28
Bromochloromethane
Concen: 18.544 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 49 Resp: 24738

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	76.8	61.4	92.0

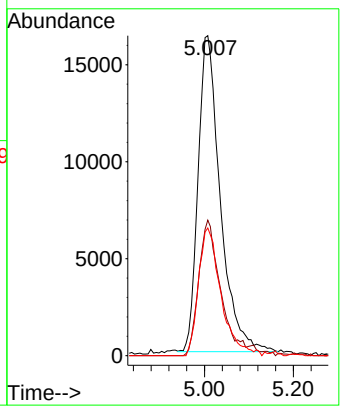




#29
Tetrahydrofuran
Concen: 99.990 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 42 Resp: 5676

Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.9	52.3
71	40.8	32.2	48.2



Instrument :
MSVOA_X
ClientSampleId :
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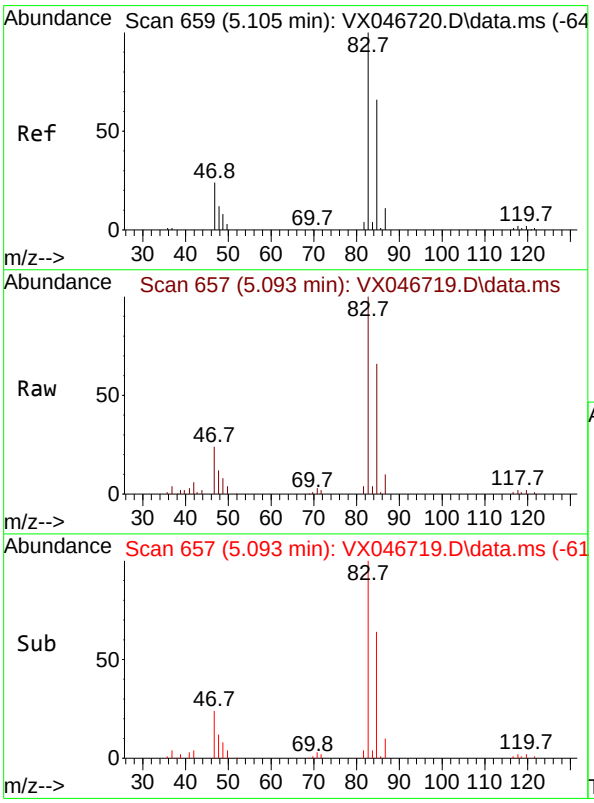
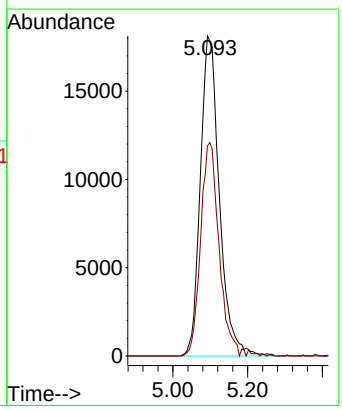
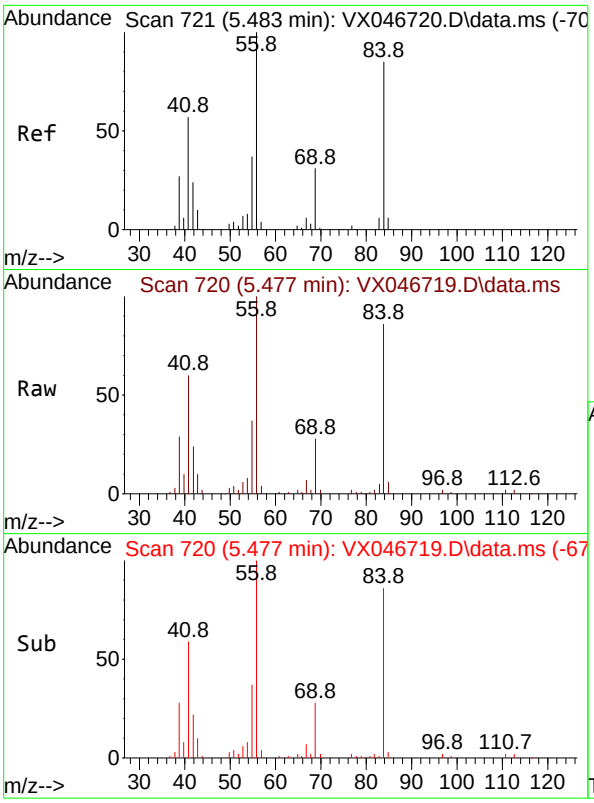


#30
Chloroform
Concen: 21.785 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.012 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 83 Resp: 64109

Ion	Ratio	Lower	Upper
83	100		
85	67.0	53.7	80.5

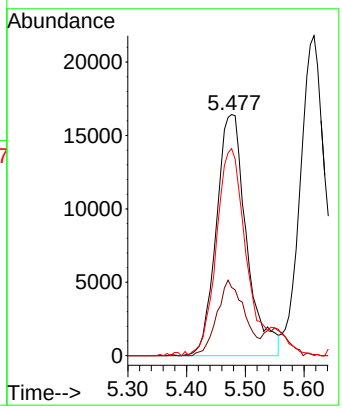




#31
Cyclohexane
Concen: 20.982 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 56 Resp: 5855

Ion	Ratio	Lower	Upper
56	100		
69	28.3	24.8	37.2
84	84.5	68.2	102.2



Instrument :
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ClientSampleId :
VSTDICC020

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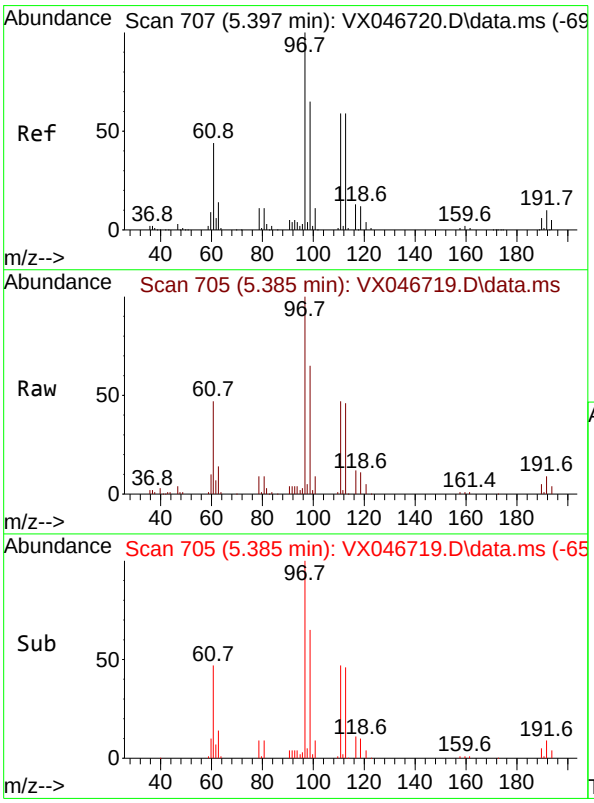
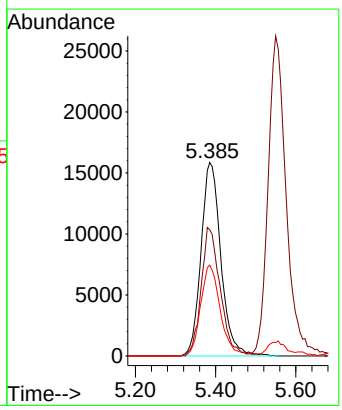
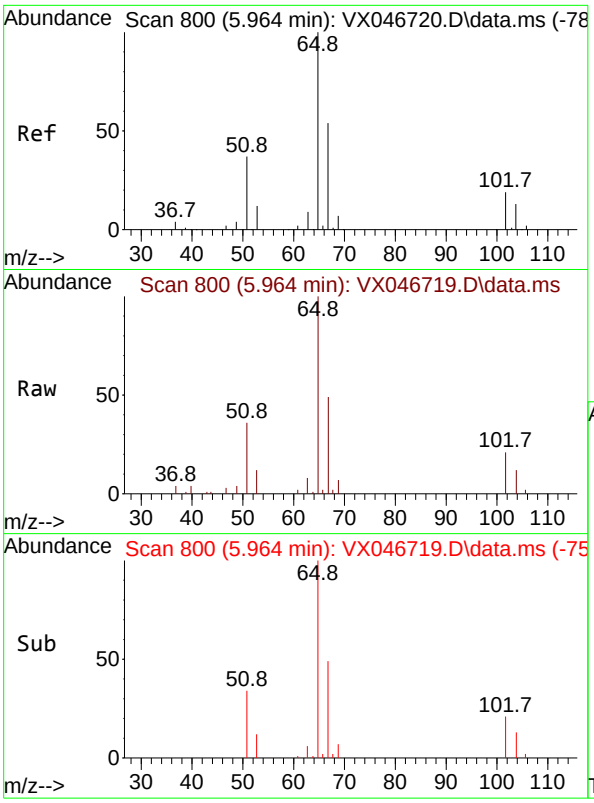


#32
1,1,1-Trichloroethane
Concen: 21.133 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 97 Resp: 54542

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.3	76.9
61	46.4	36.4	54.6

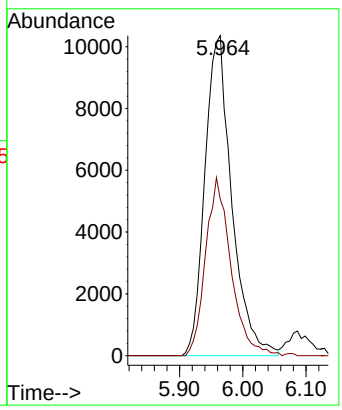




#33
1,2-Dichloroethane-d4
Concen: 16.410 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 65 Resp: 3058

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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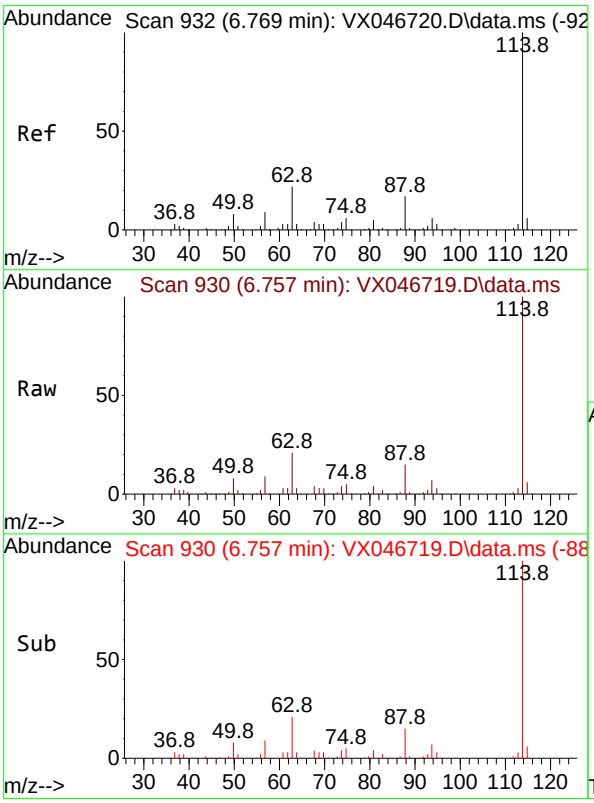
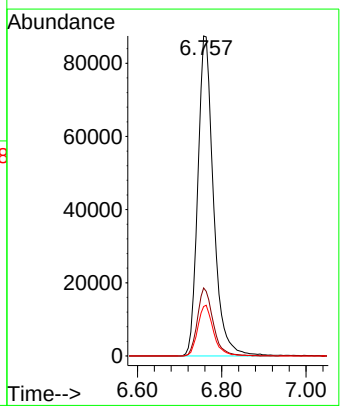
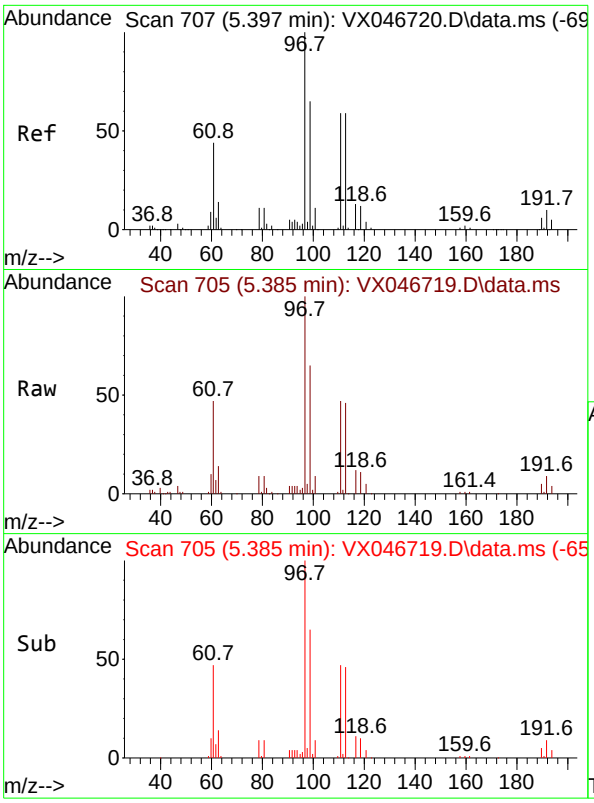


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.012 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:114 Resp: 226567

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.2
88	15.5	0.0	33.2

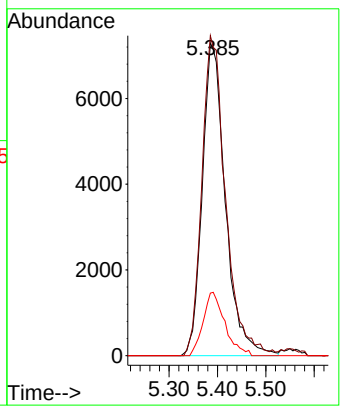




#35
Dibromofluoromethane
Concen: 16.114 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:113 Resp: 2415

Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.0	123.0
192	19.1	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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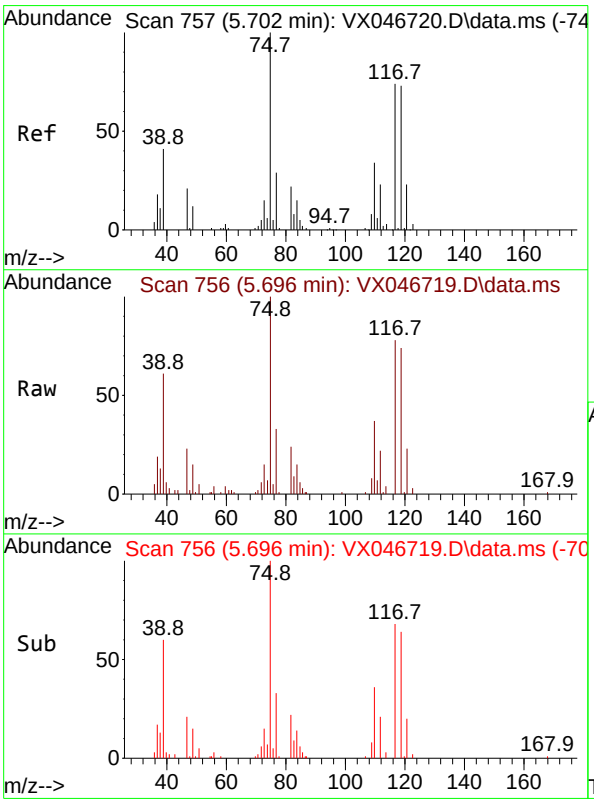
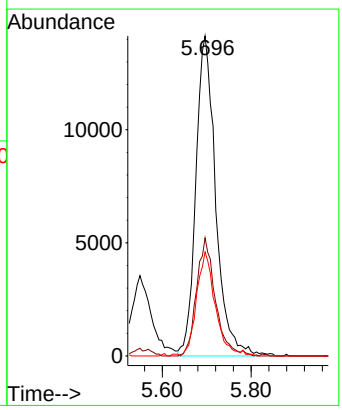
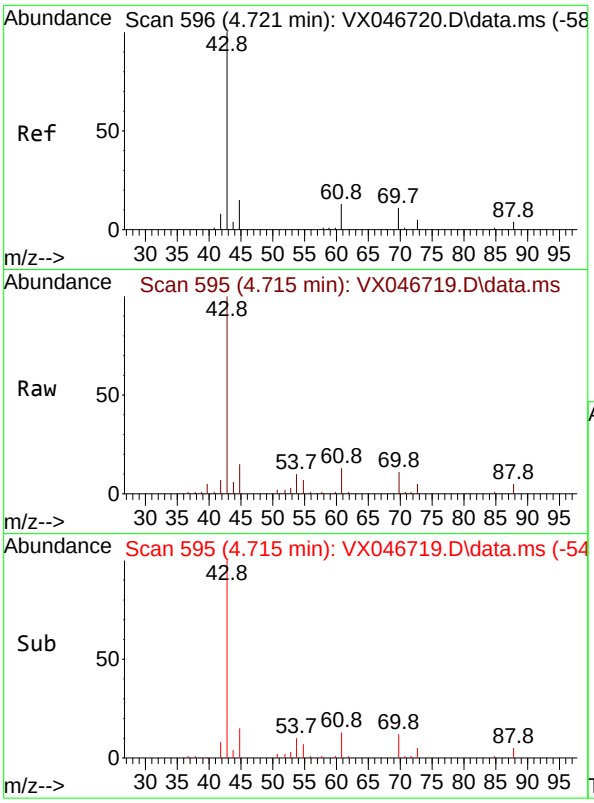


#36
1,1-Dichloropropene
Concen: 20.344 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 75 Resp: 44023

Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.2	51.5
77	30.6	24.2	36.4





#37
Ethyl Acetate
Concen: 19.984 ug/l
RT: 4.715 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 3991

Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.7	14.5
70	9.7	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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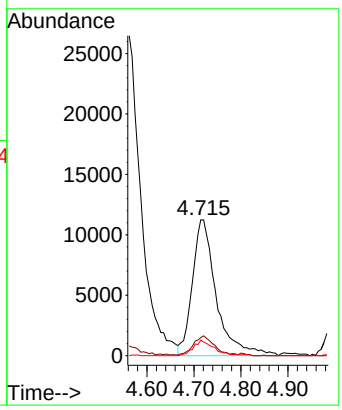
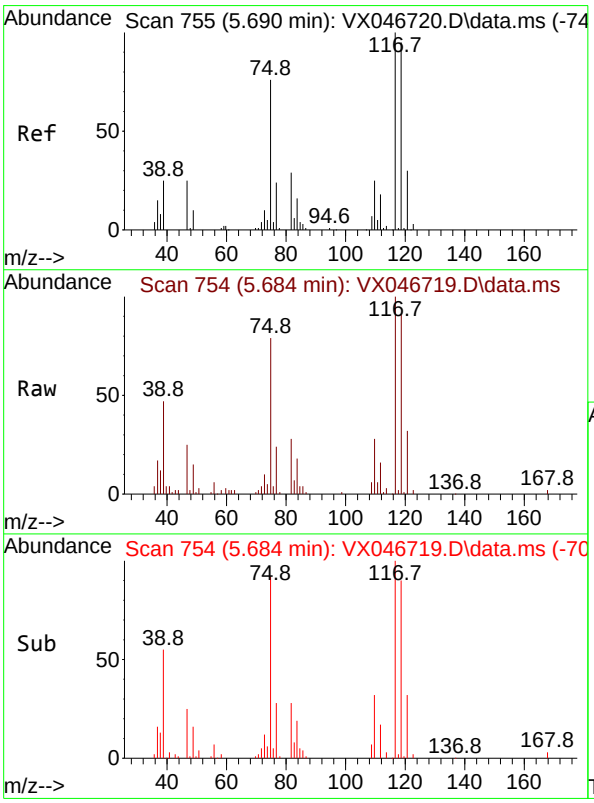
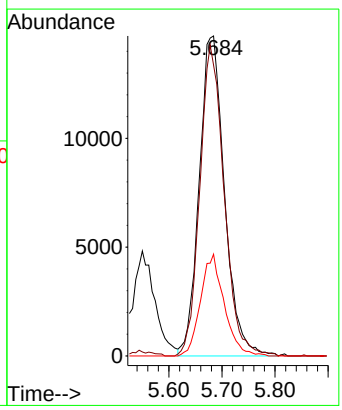


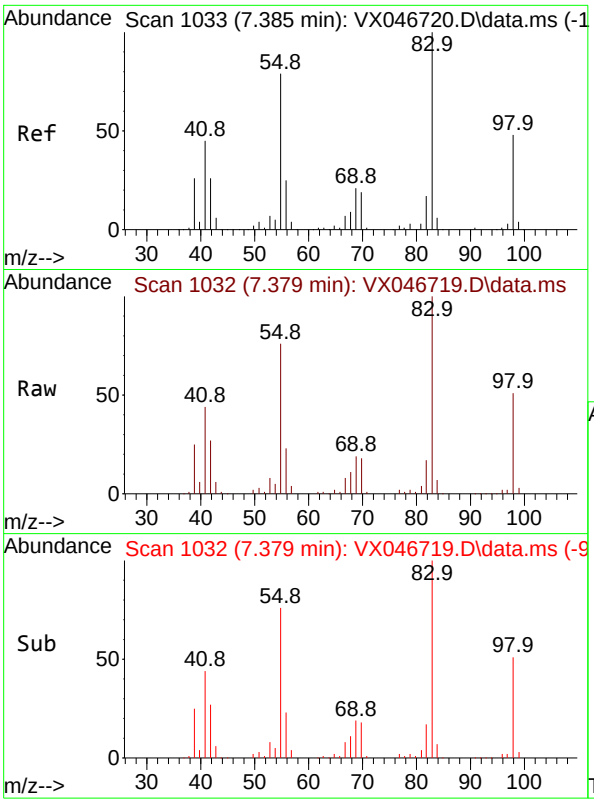


#38
Carbon Tetrachloride
Concen: 20.735 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:117 Resp: 48694

Ion	Ratio	Lower	Upper
117	100		
119	90.9	75.2	112.8
121	31.8	24.1	36.1

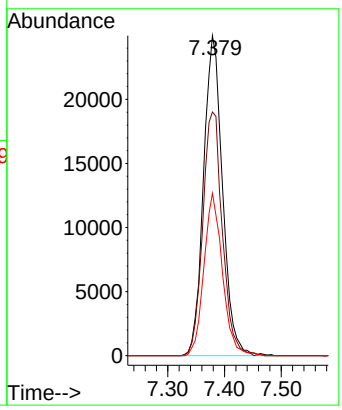




#39
Methylcyclohexane
Concen: 20.428 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 83 Resp: 5817

Ion	Ratio	Lower	Upper
83	100		
55	76.1	63.0	94.4
98	50.7	38.8	58.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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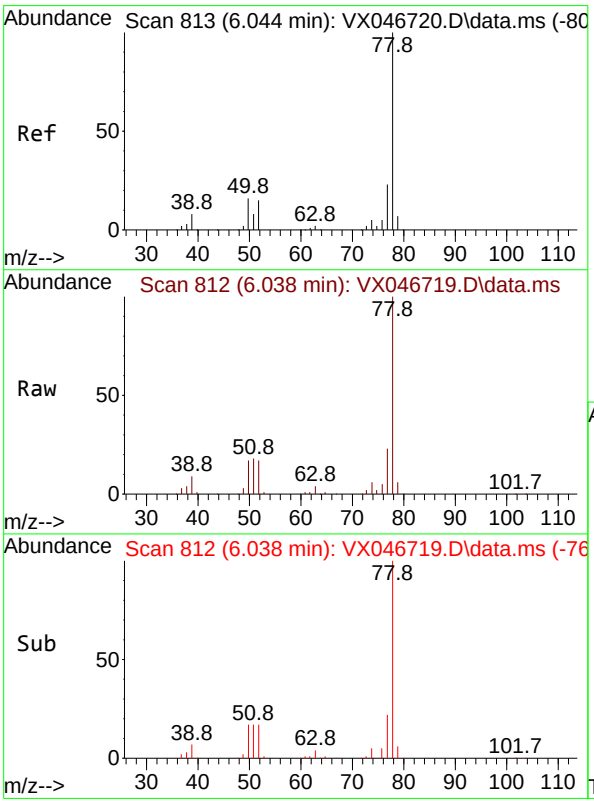
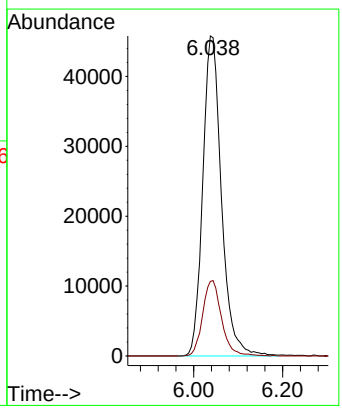
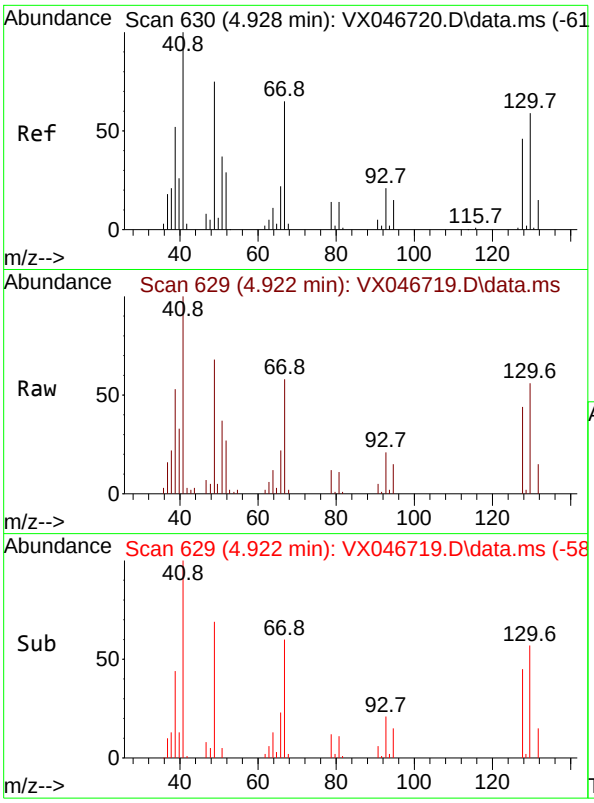


#40
Benzene
Concen: 20.904 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 78 Resp: 133872

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2

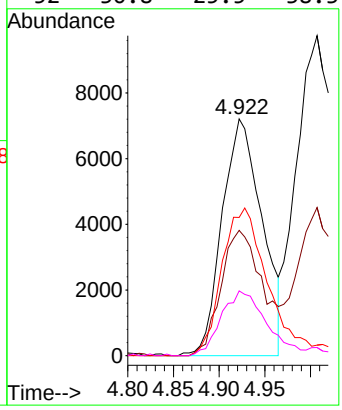




#41
Methacrylonitrile
Concen: 20.632 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 41 Resp: 2197

Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.9	68.9
67	73.2	61.2	91.8
52	30.8	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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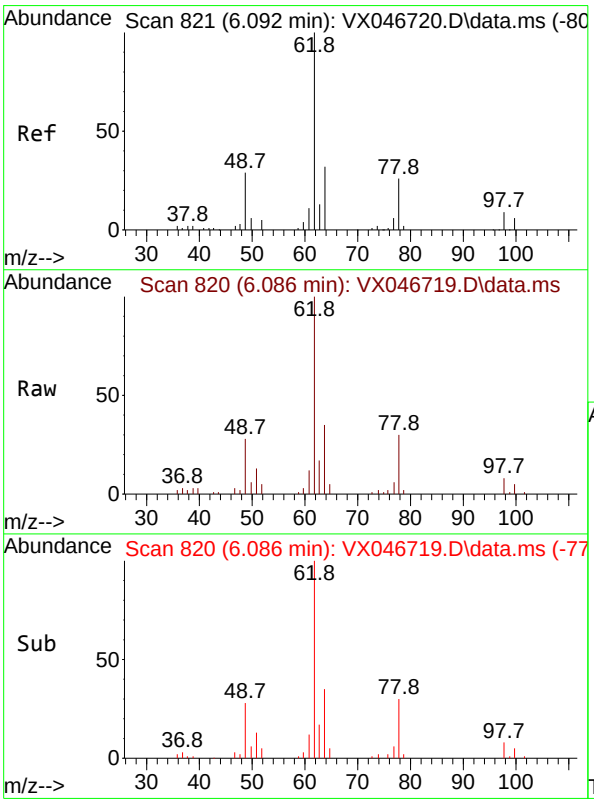
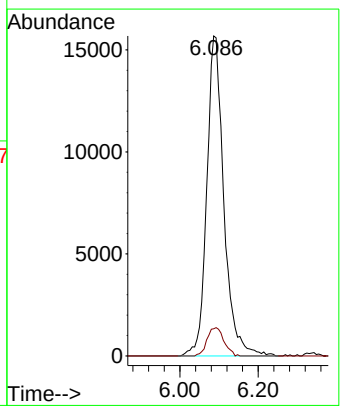
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

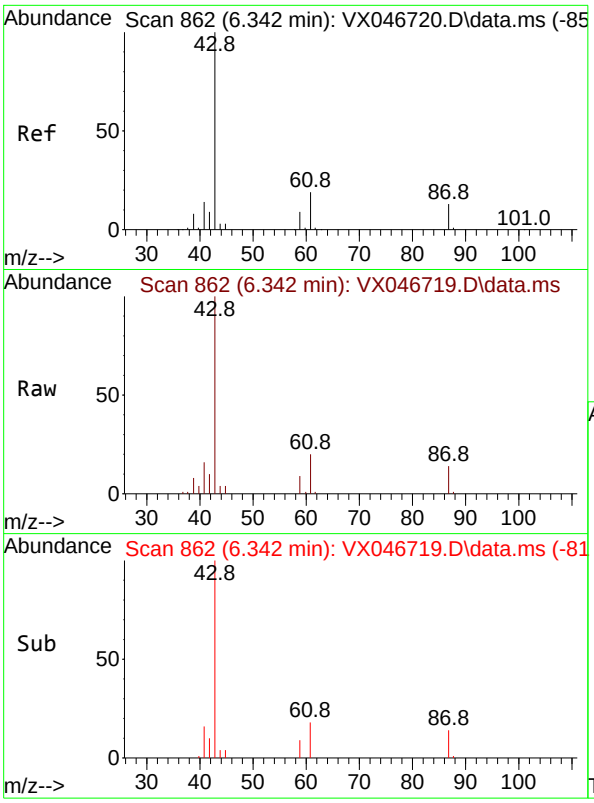


#42
1,2-Dichloroethane
Concen: 21.076 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 62 Resp: 47430

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8





#43
Isopropyl Acetate
Concen: 19.975 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 6243

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.3	22.9
87	12.5	10.0	15.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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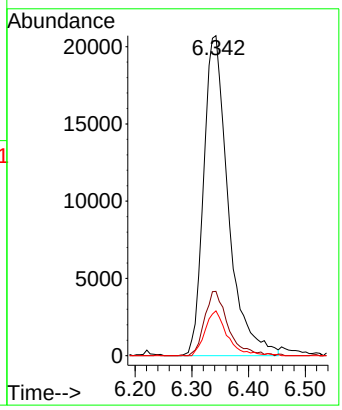
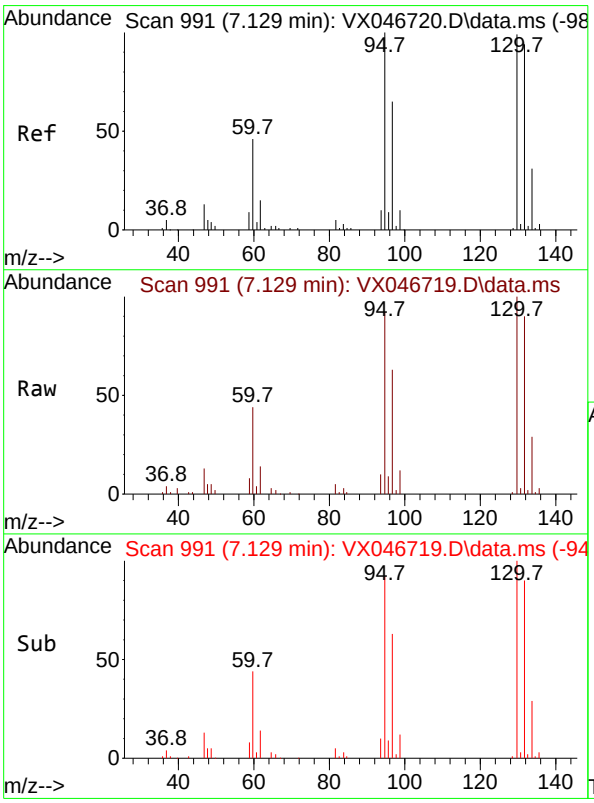
Supervised By :Mahesh Dadoda 06/18/2025

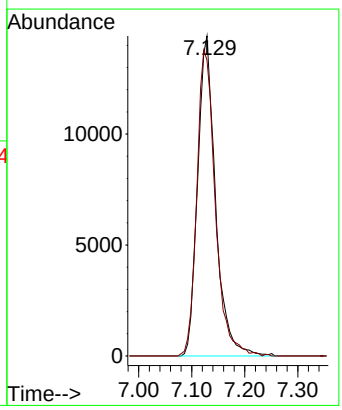


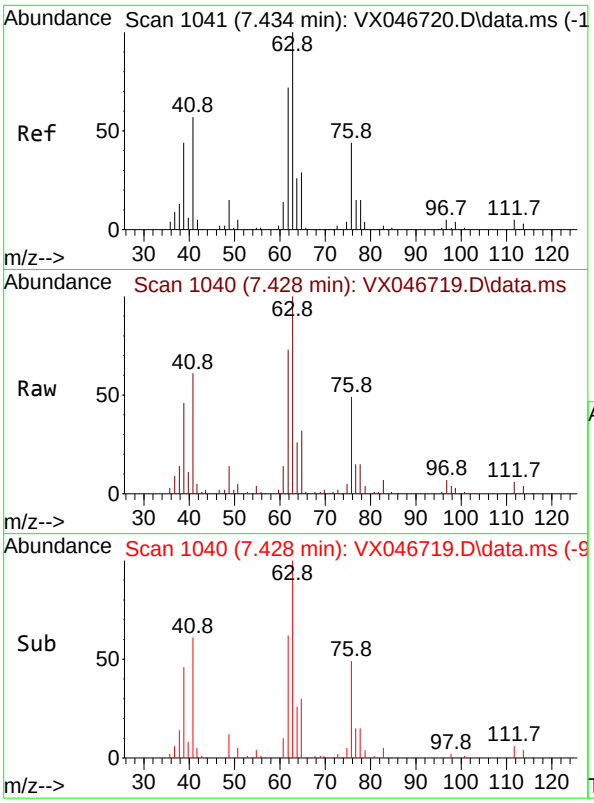


#44
Trichloroethene
Concen: 20.788 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:130 Resp: 33927

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	202.6





#45
1,2-Dichloropropane
Concen: 21.226 ug/l
RT: 7.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 63 Resp: 3368

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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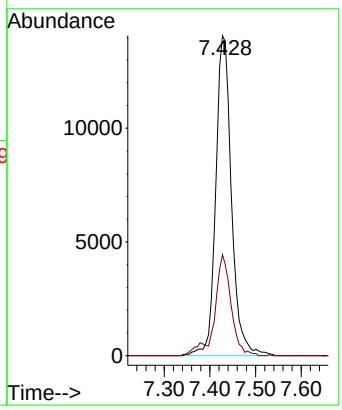
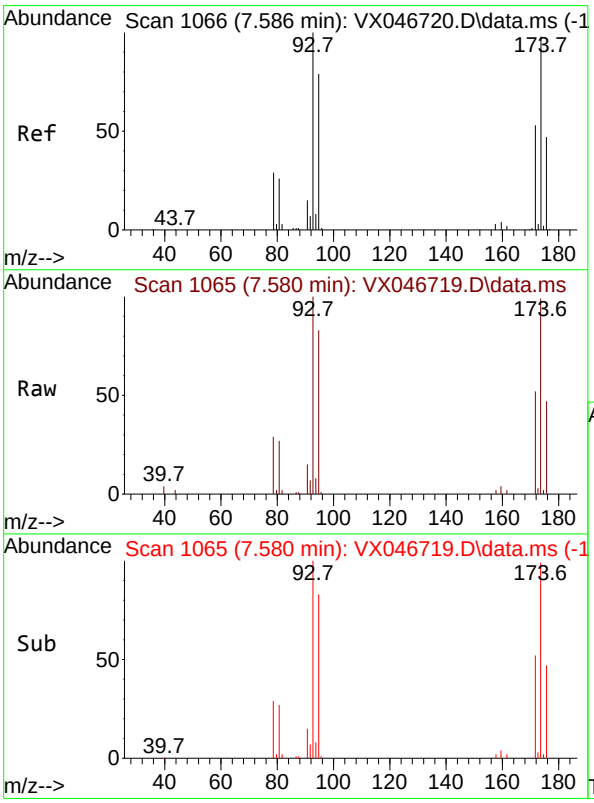
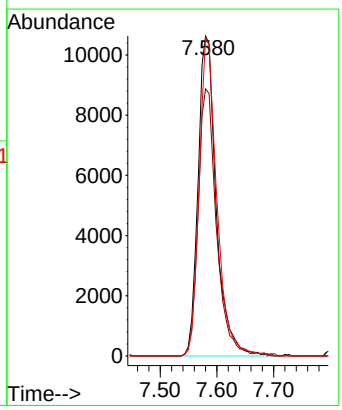


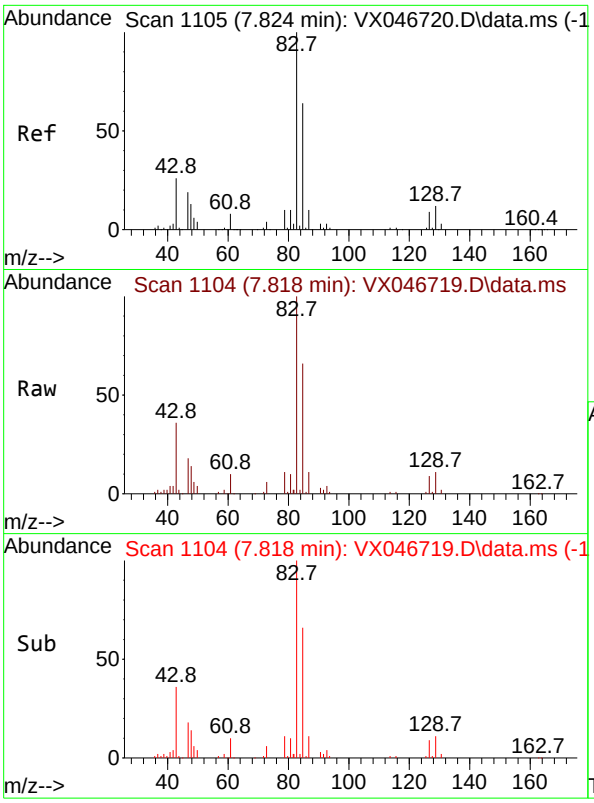


#46
Dibromomethane
Concen: 20.663 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 93 Resp: 23569

Ion	Ratio	Lower	Upper
93	100		
95	84.4	66.2	99.4
174	97.1	77.0	115.6

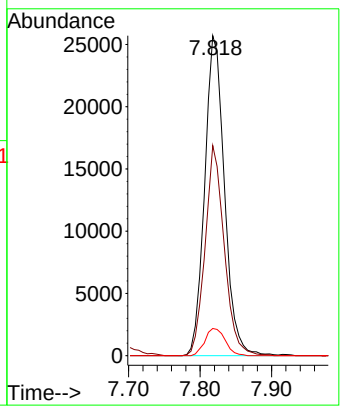




#47
Bromodichloromethane
Concen: 21.227 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 83 Resp: 4941

Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.4	77.2
127	8.5	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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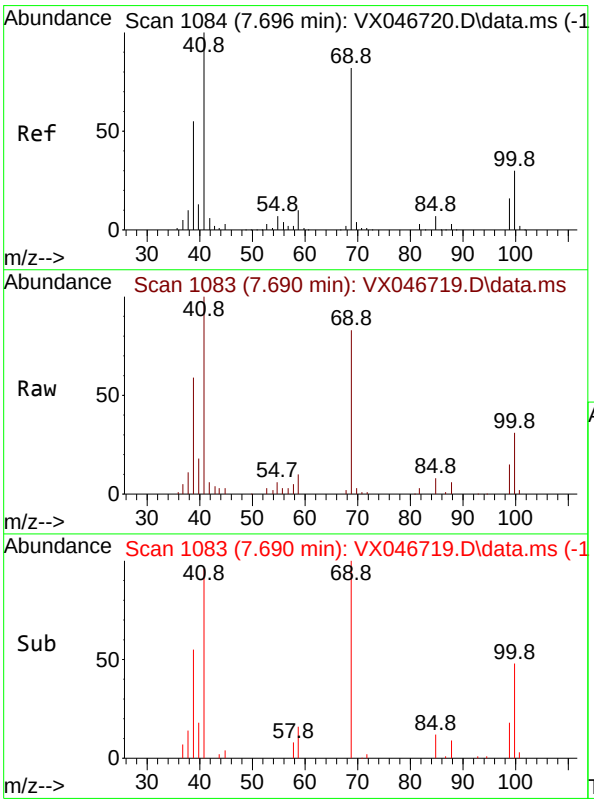
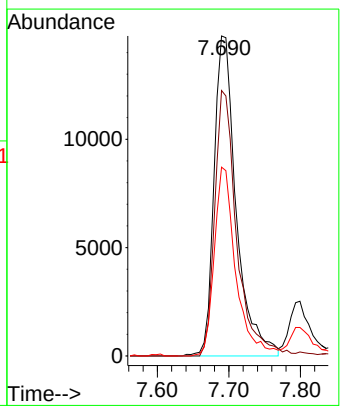
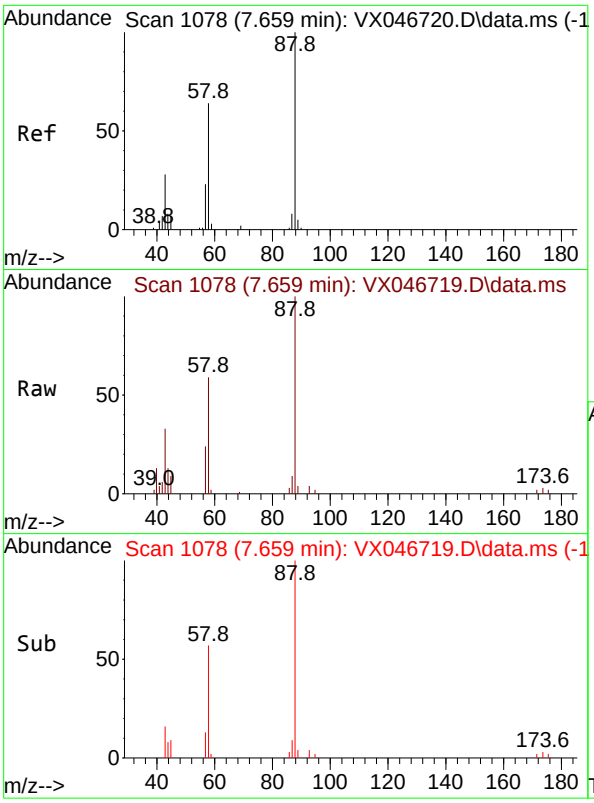


#48
Methyl methacrylate
Concen: 20.322 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 41 Resp: 31856

Ion	Ratio	Lower	Upper
41	100		
69	82.0	63.4	95.2
39	57.2	45.4	68.0





#49
1,4-Dioxane
Concen: 382.035 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 88 Resp: 834

Ion	Ratio	Lower	Upper
88	100		
43	37.1	31.2	46.8
58	75.7	54.7	82.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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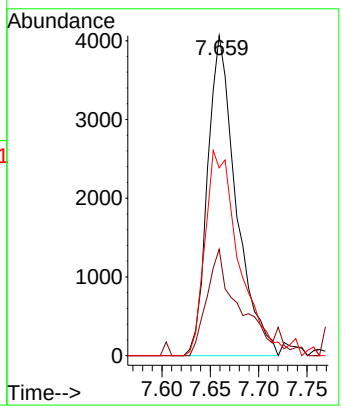
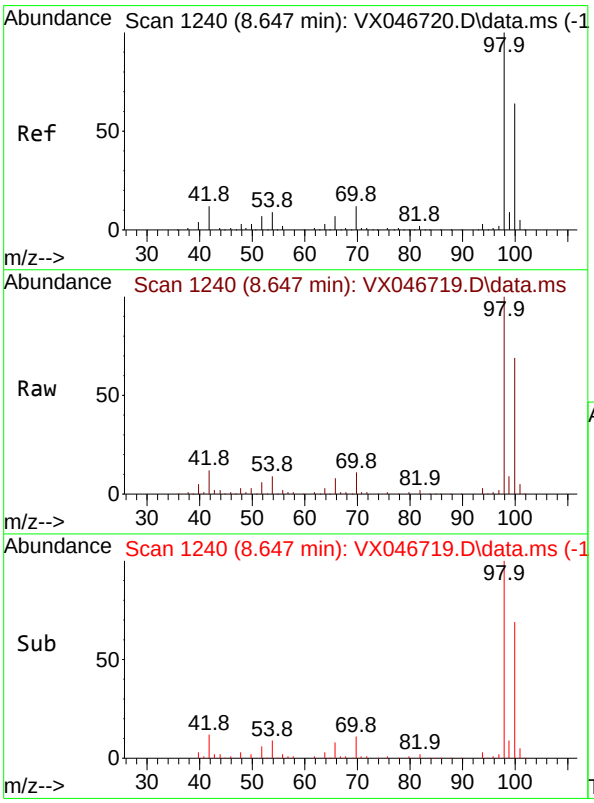
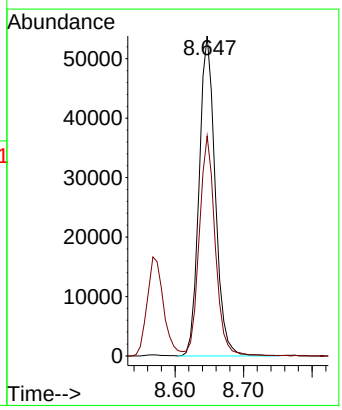


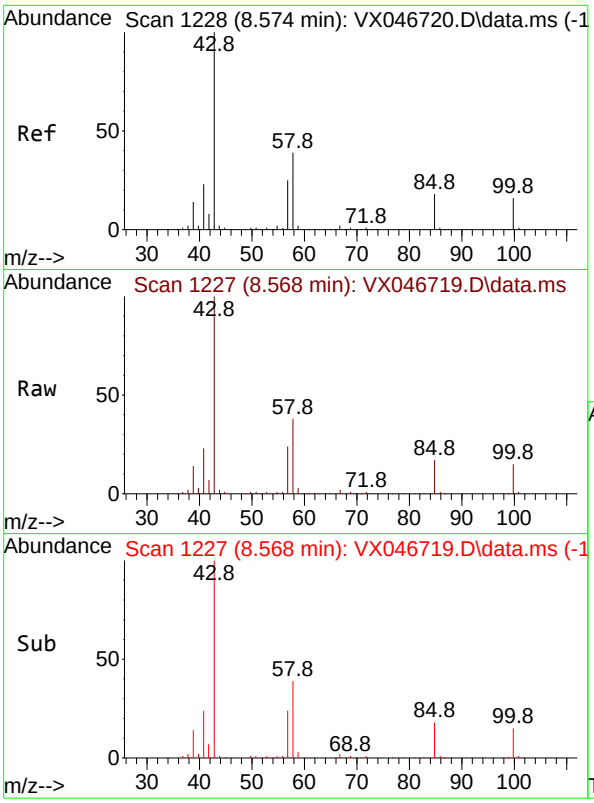


#50
Toluene-d8
Concen: 16.376 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 98 Resp: 88197

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.0	79.4

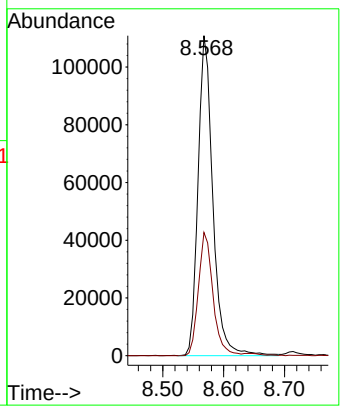




#51
4-Methyl-2-Pentanone
Concen: 100.586 ug/l
RT: 8.568 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 18750

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.8	46.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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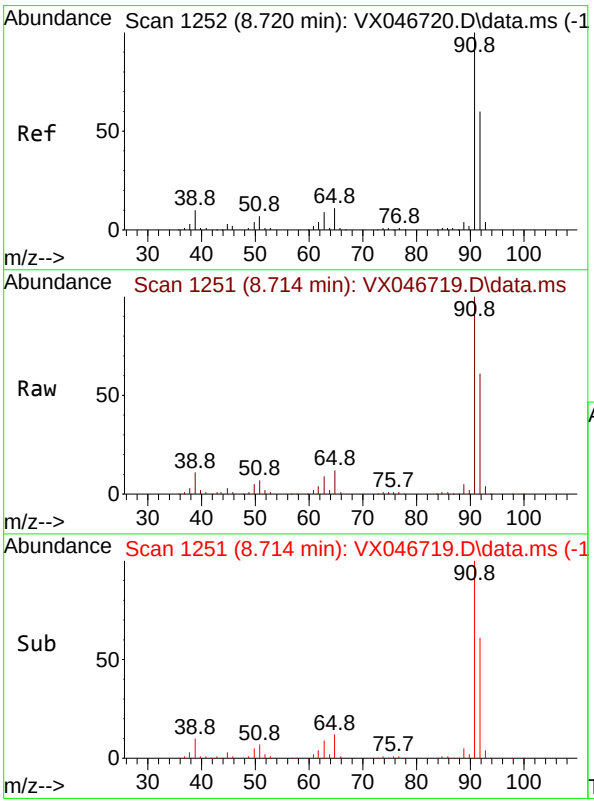
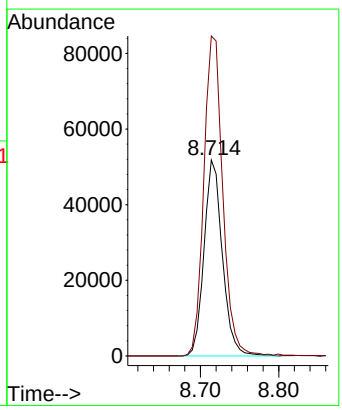
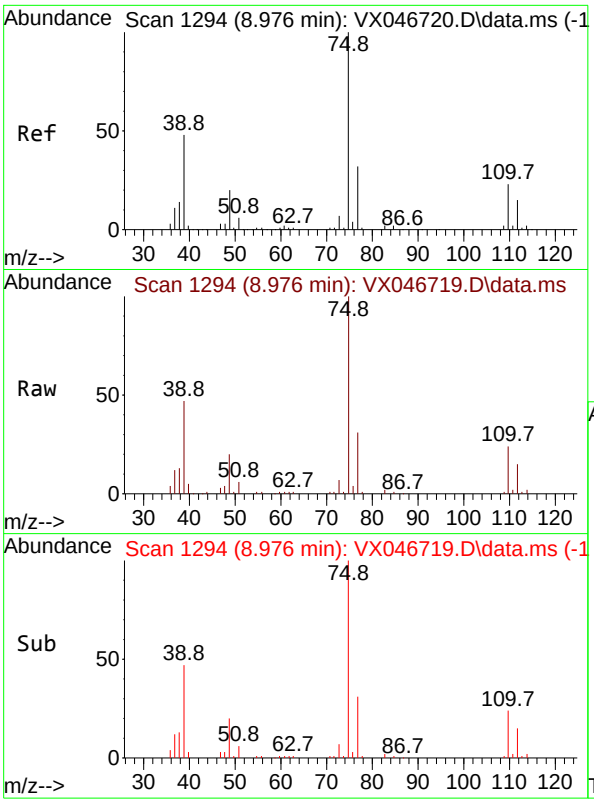


#52
Toluene
Concen: 21.166 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 92 Resp: 84030

Ion	Ratio	Lower	Upper
92	100		
91	169.0	134.8	202.2

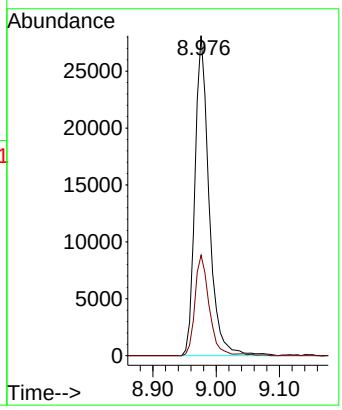




#53
t-1,3-Dichloropropene
Concen: 20.304 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 75 Resp: 4385

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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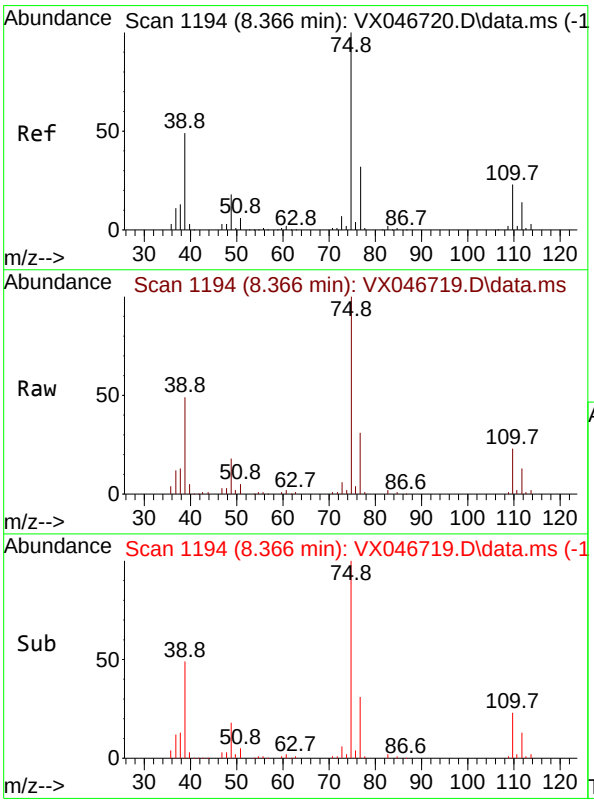
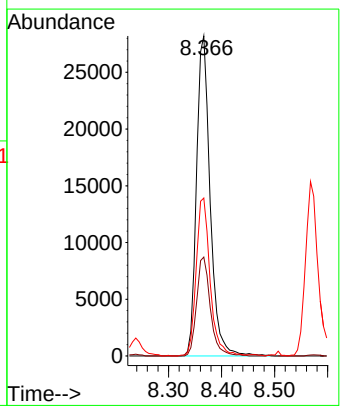
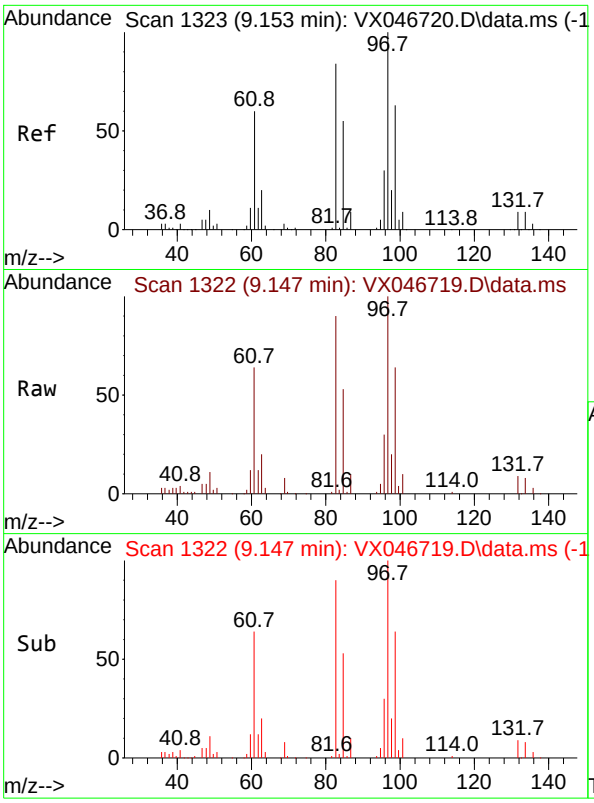


#54
cis-1,3-Dichloropropene
Concen: 20.526 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 75 Resp: 50326

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.3	37.9
39	47.9	39.2	58.8

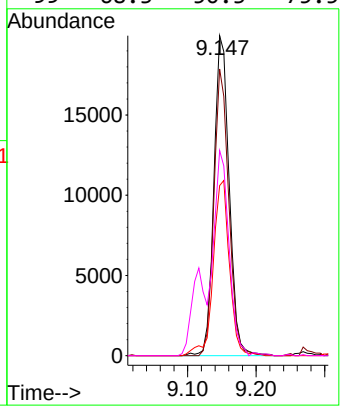




#55
1,1,2-Trichloroethane
Concen: 20.862 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 97 Resp: 3086

Ion	Ratio	Lower	Upper
97	100		
83	91.5	67.2	100.8
85	53.2	44.1	66.1
99	68.3	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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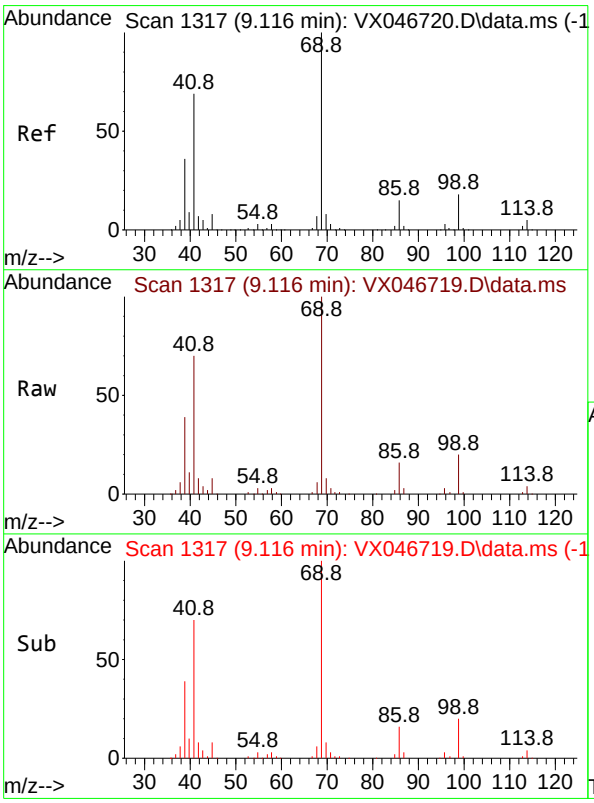
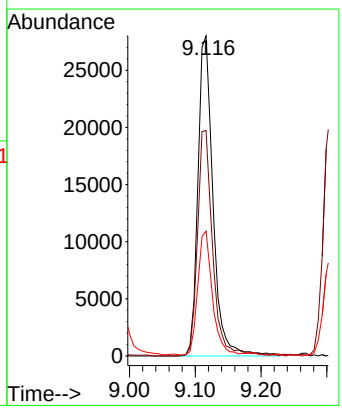
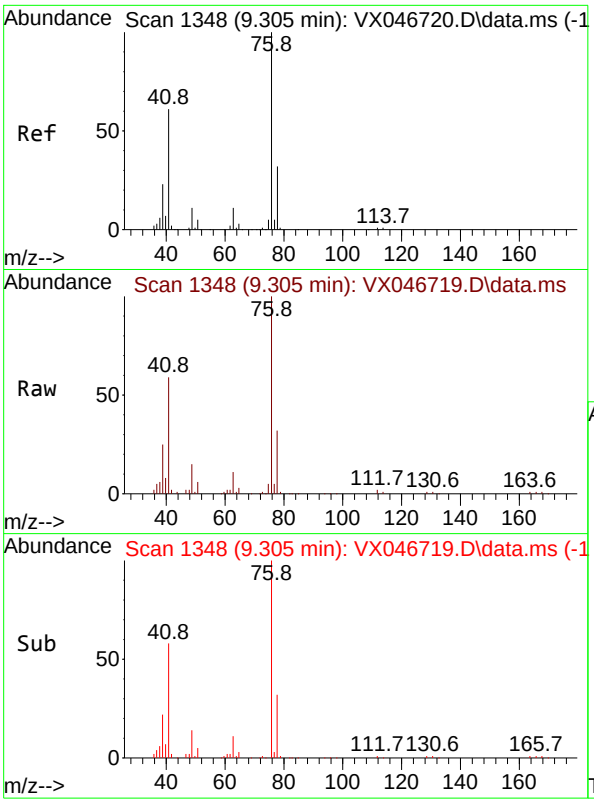


#56
Ethyl methacrylate
Concen: 20.468 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 69 Resp: 44702

Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.4	83.2
39	37.3	29.7	44.5

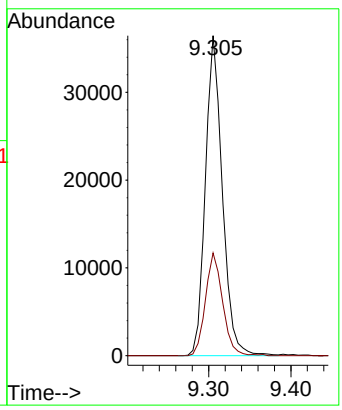




#57
1,3-Dichloropropane
Concen: 20.480 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 76 Resp: 5218

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.7	38.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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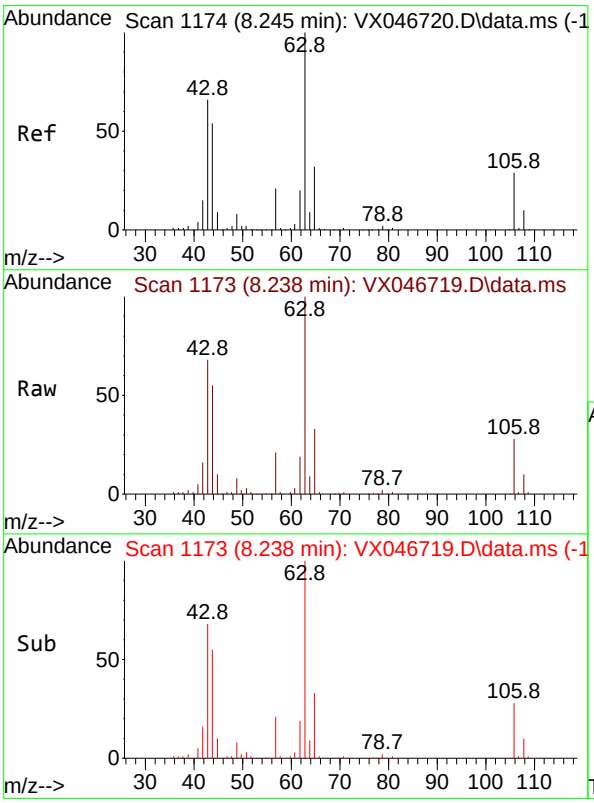
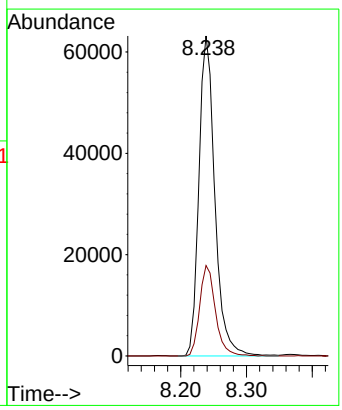
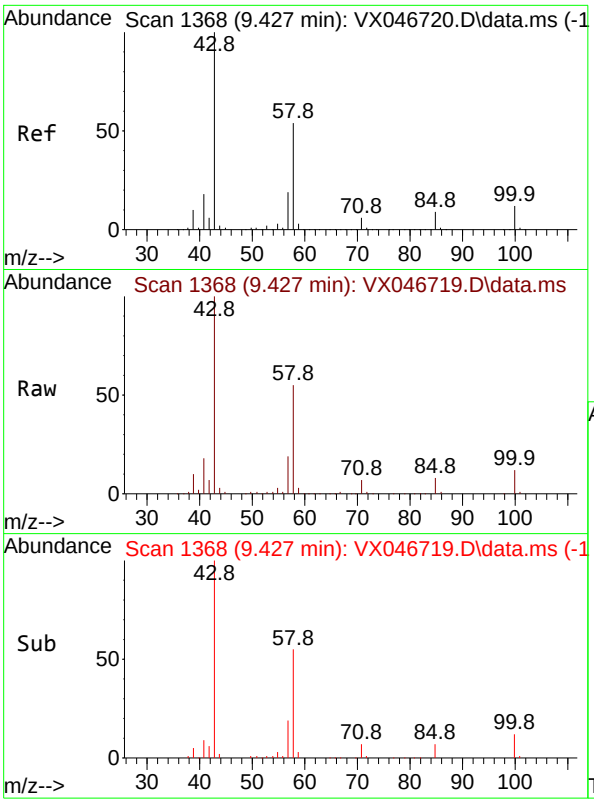


#58
2-Chloroethyl Vinyl ether
Concen: 93.878 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 63 Resp: 106505

Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.6	34.0





#59
2-Hexanone
Concen: 100.265 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 12921

Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.8	80.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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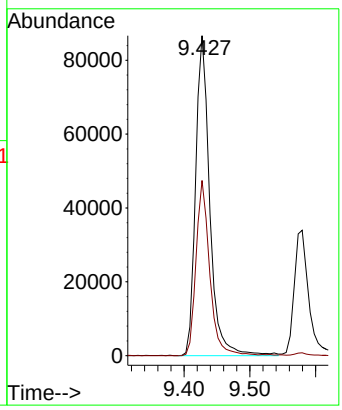
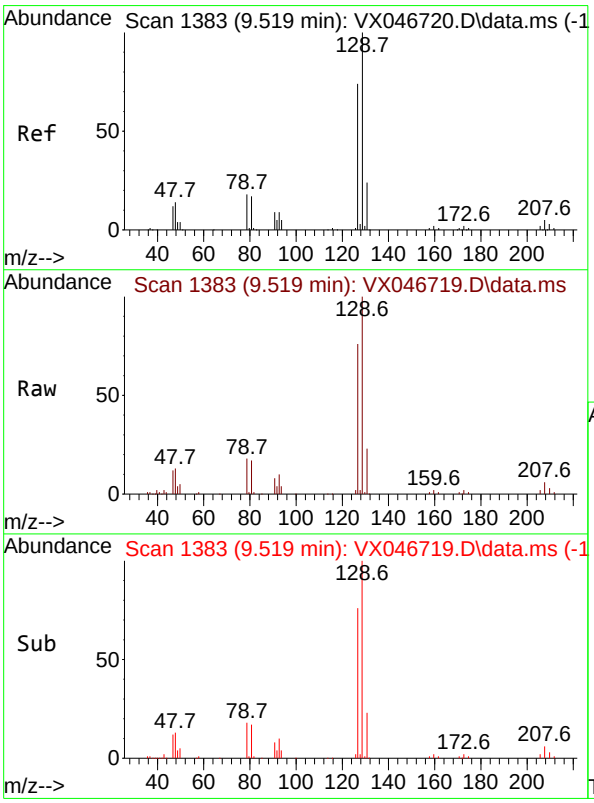
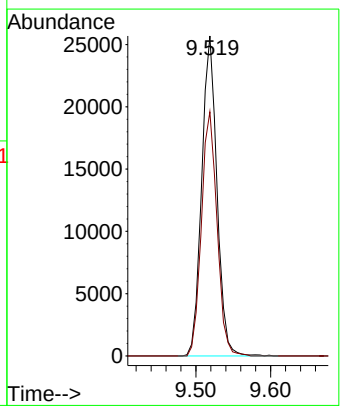


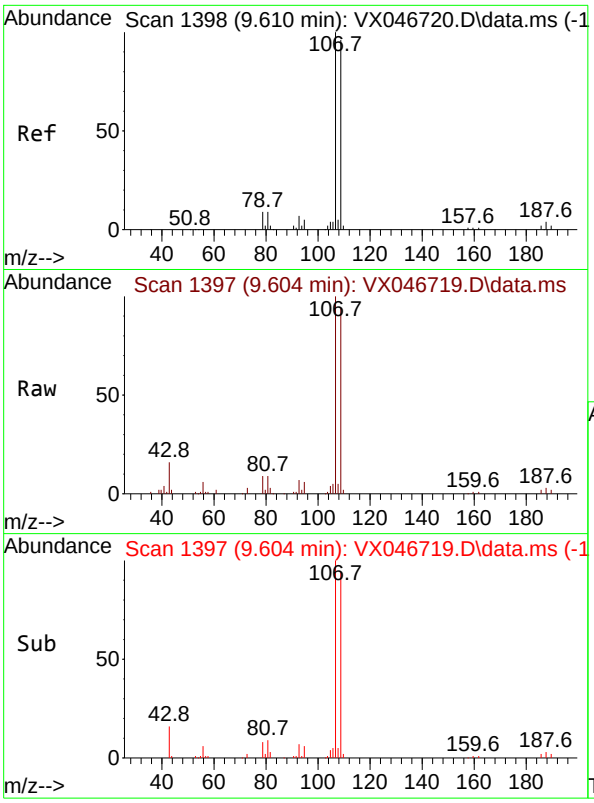


#60
Dibromochloromethane
Concen: 20.872 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:129 Resp: 36392

Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.4	115.2





#61
1,2-Dibromoethane
Concen: 20.936 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:107 Resp: 3150

Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.8	113.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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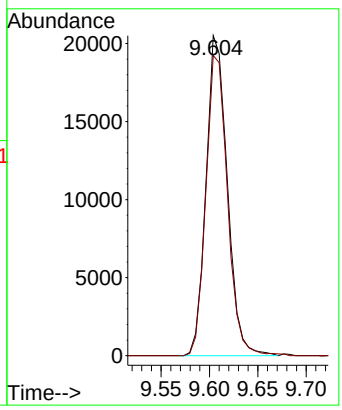
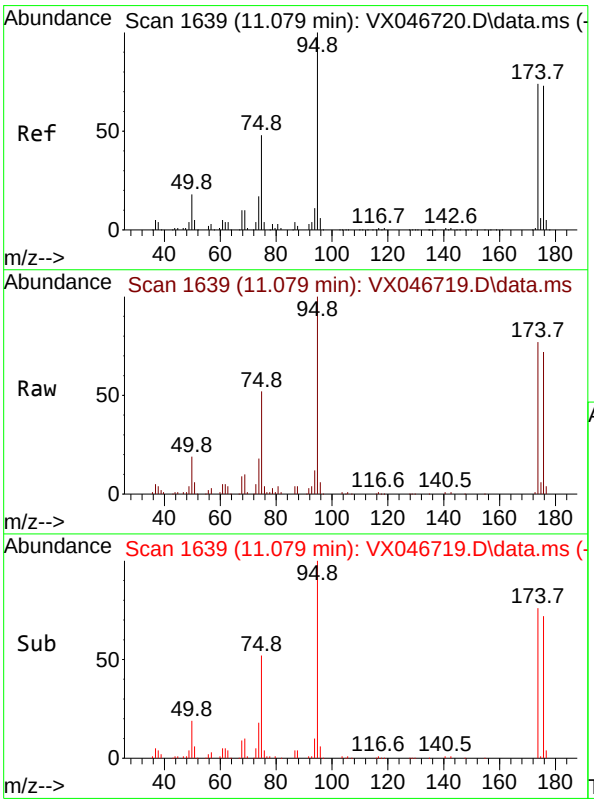
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

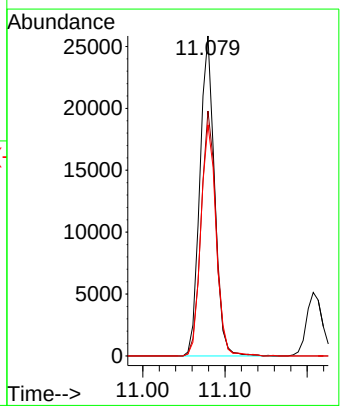


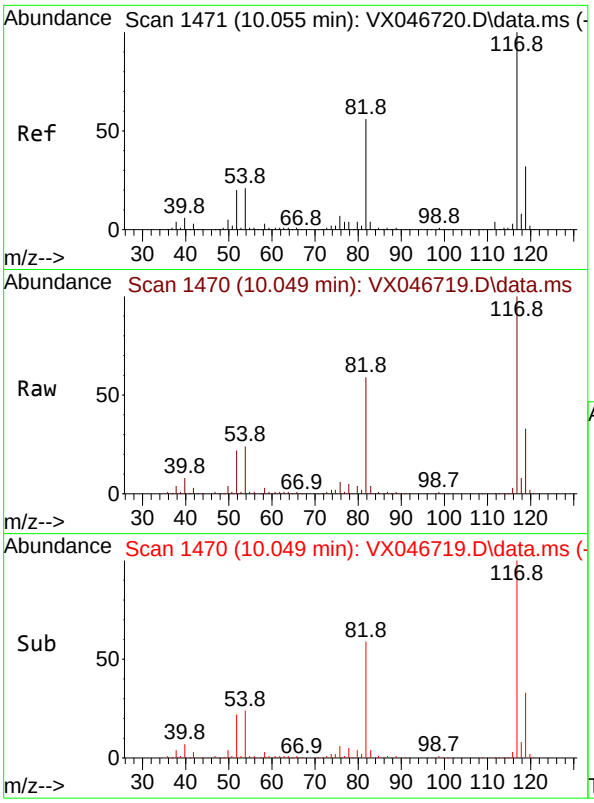


#62
4-Bromofluorobenzene
Concen: 15.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 95 Resp: 32067

Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	150.4
176	75.2	0.0	145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:117 Resp: 19794

Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.6	66.8
119	33.0	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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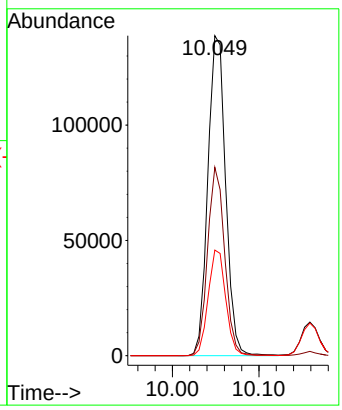
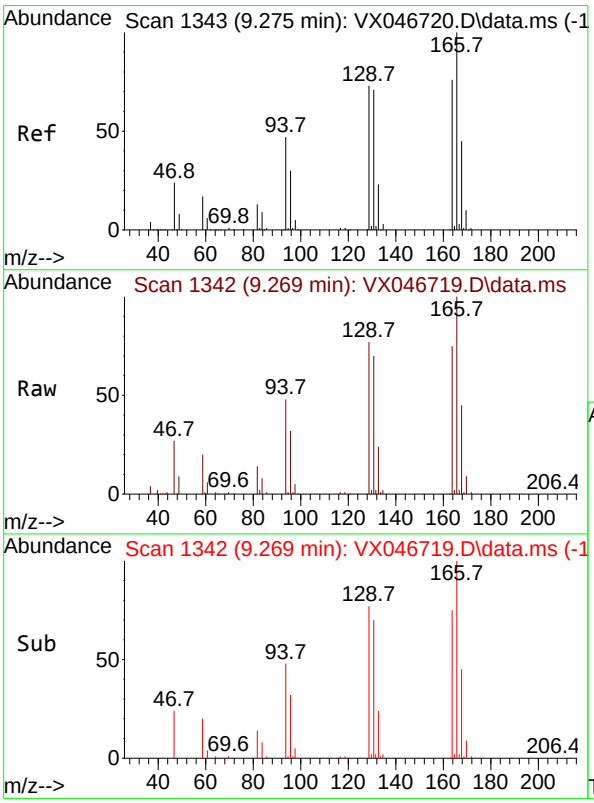
Supervised By :Mahesh Dadoda 06/18/2025

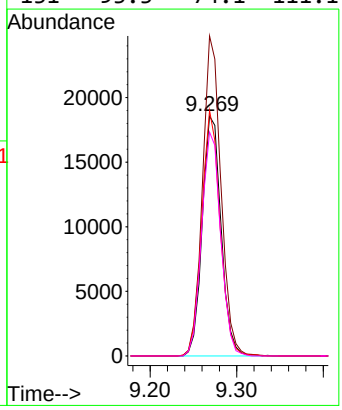


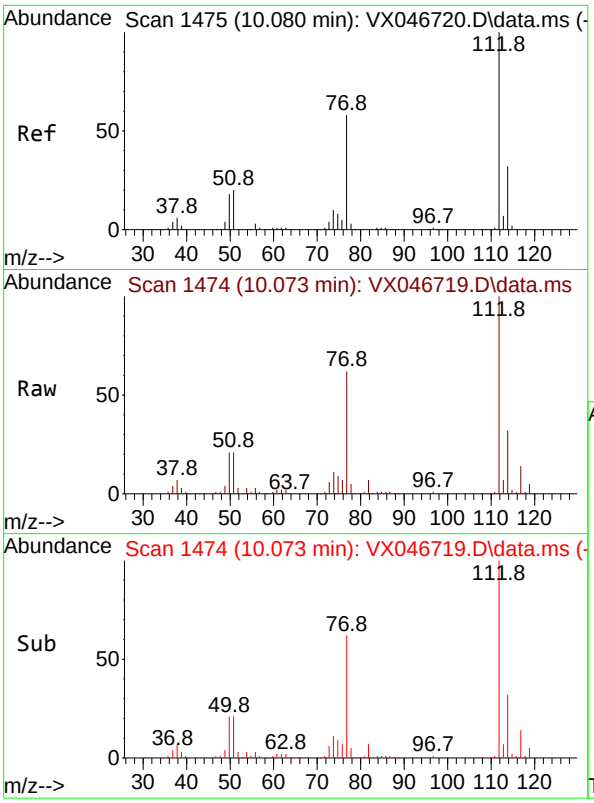


#64
Tetrachloroethene
Concen: 20.408 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:164 Resp: 27988

Ion	Ratio	Lower	Upper
164	100		
166	133.4	104.6	157.0
129	102.4	76.3	114.5
131	93.3	74.1	111.1





#65
Chlorobenzene
Concen: 20.796 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:112 Resp: 9086

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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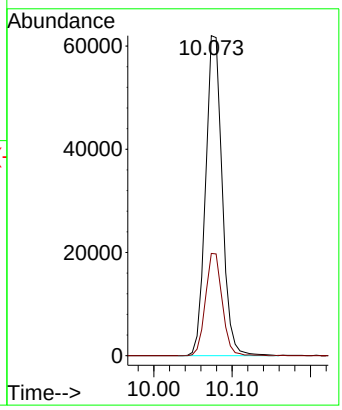
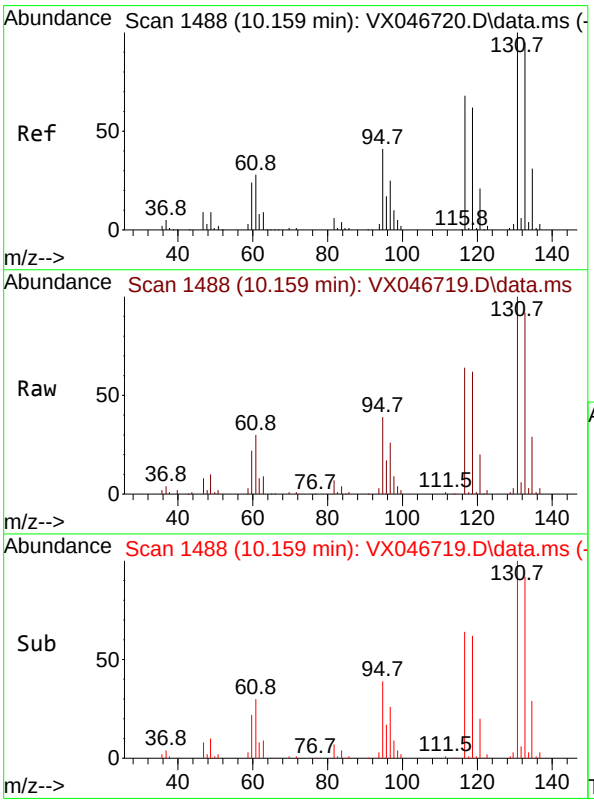
Supervised By :Mahesh Dadoda 06/18/2025

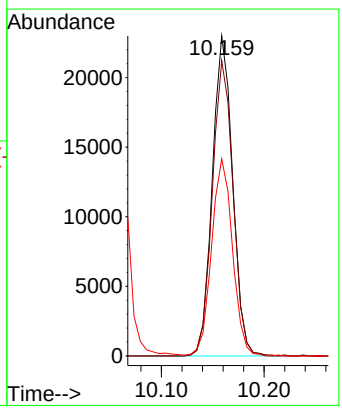


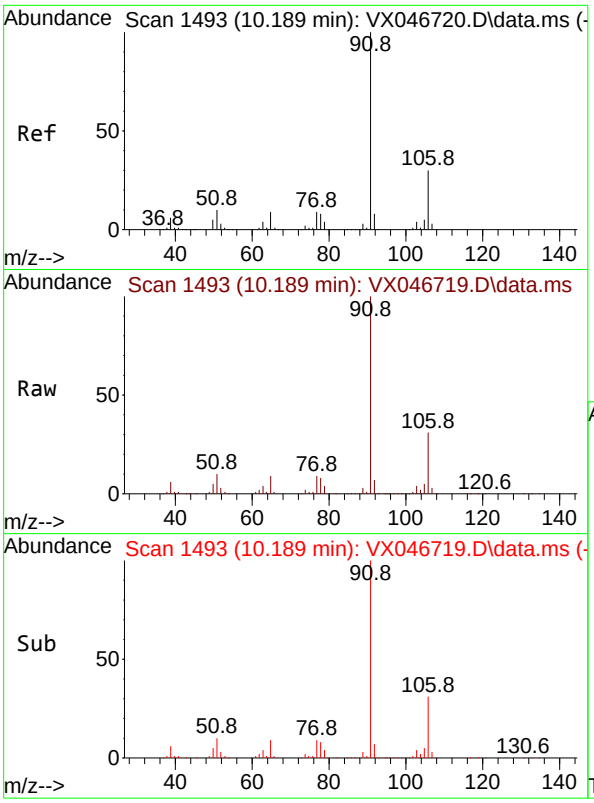


#66
1,1,1,2-Tetrachloroethane
Concen: 21.455 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:131 Resp: 31508

Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.3	141.8
119	63.4	32.1	96.3

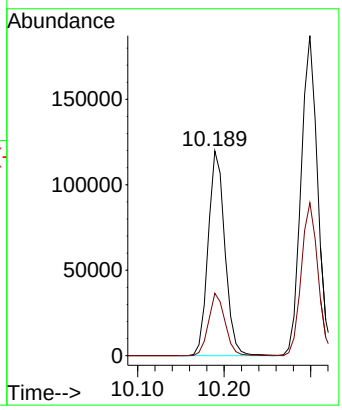




#67
Ethyl Benzene
Concen: 21.056 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 91 Resp: 16076

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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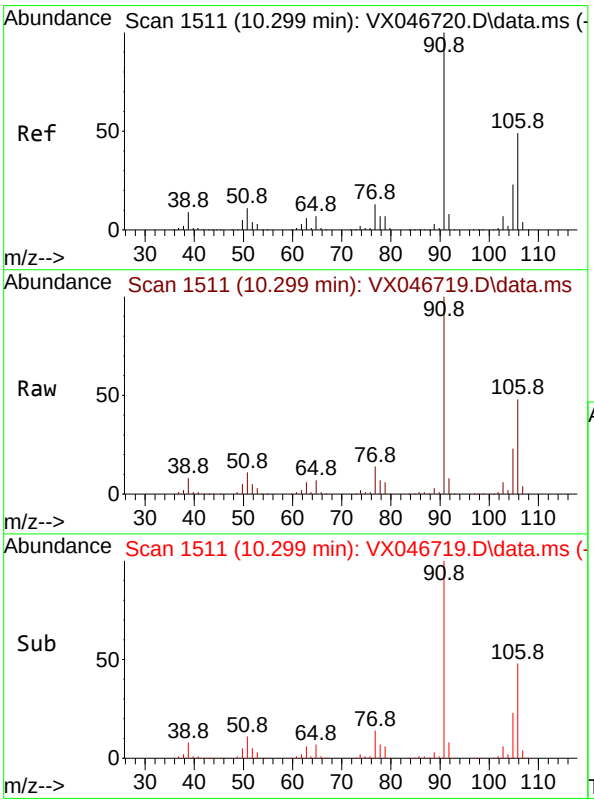
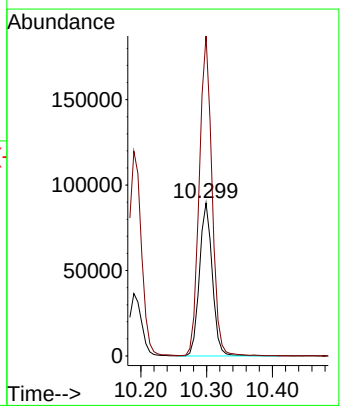
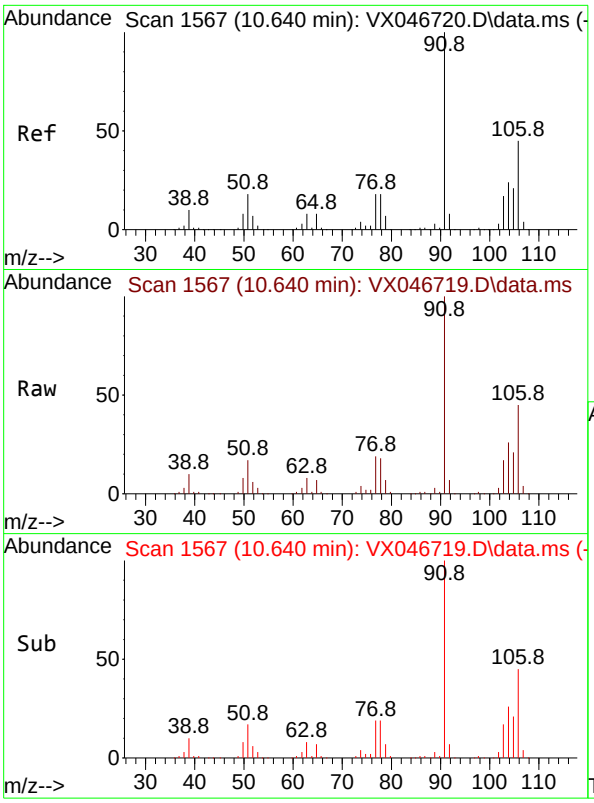


#68
m/p-Xylenes
Concen: 42.539 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:106 Resp: 121014

Ion	Ratio	Lower	Upper
106	100		
91	207.7	164.8	247.2

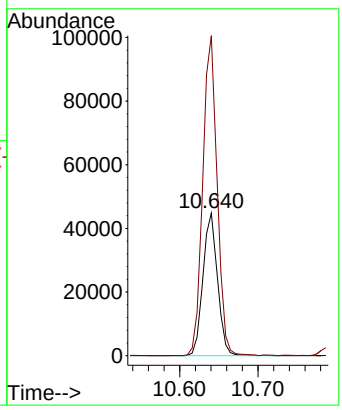




#69
o-Xylene
Concen: 21.638 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:106 Resp: 5768

Ion	Ratio	Lower	Upper
106	100		
91	222.2	111.3	333.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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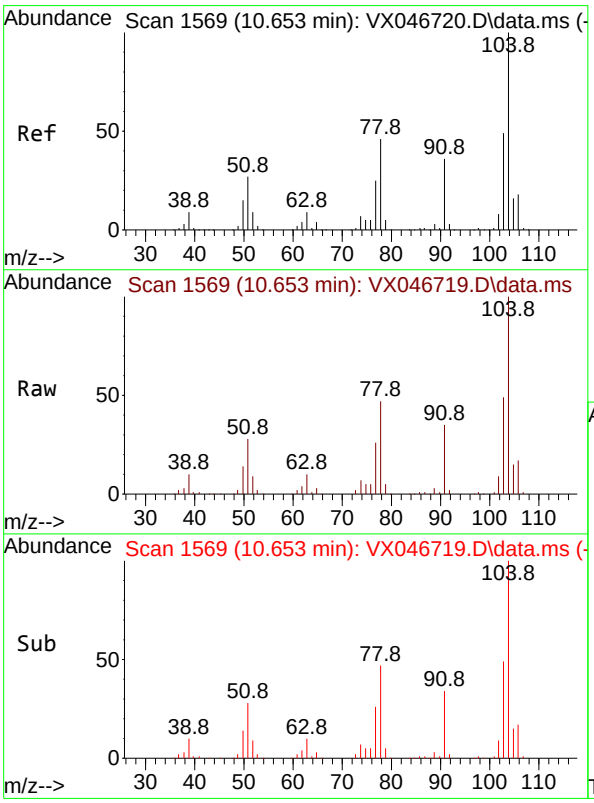
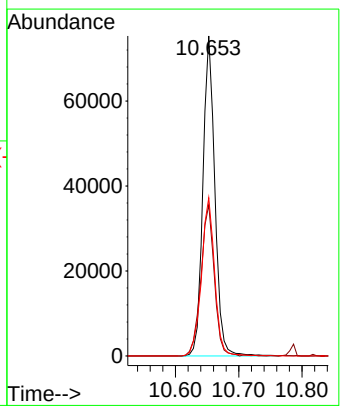
Supervised By :Mahesh Dadoda 06/18/2025

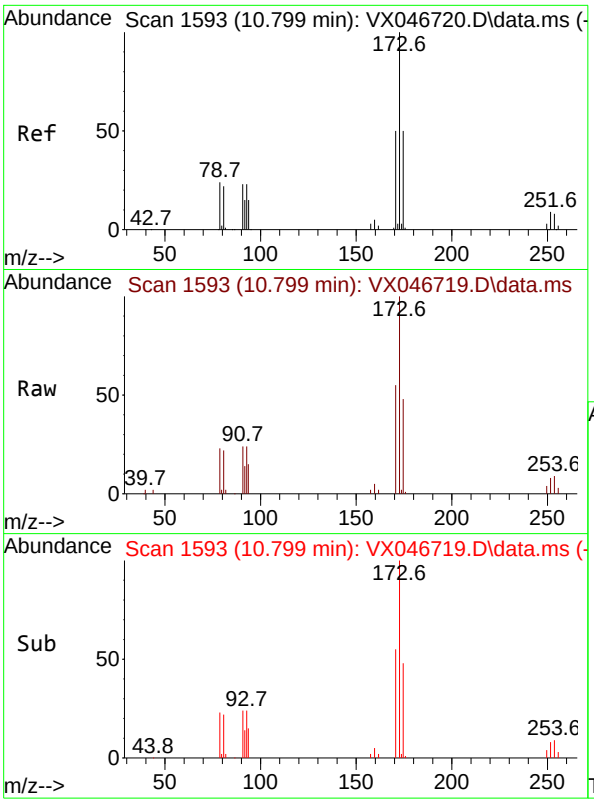


#70
Styrene
Concen: 21.318 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:104 Resp: 99462

Ion	Ratio	Lower	Upper
104	100		
78	52.6	41.4	62.2
103	54.4	43.1	64.7

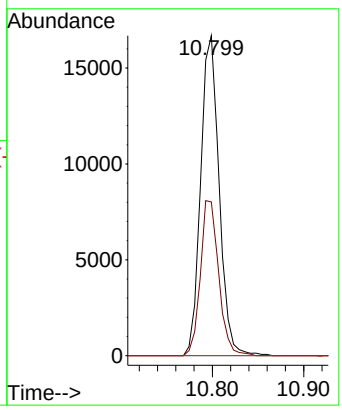




#71
Bromoform
Concen: 20.898 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:173 Resp: 2337

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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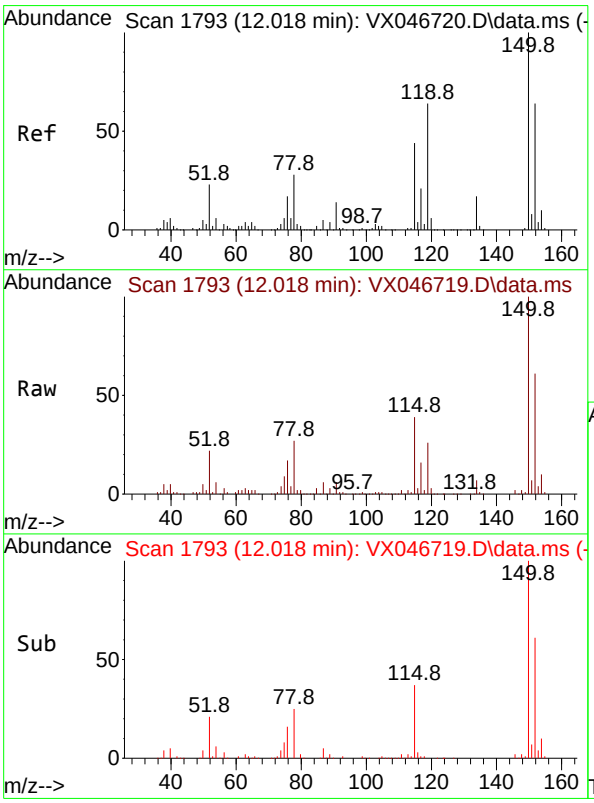
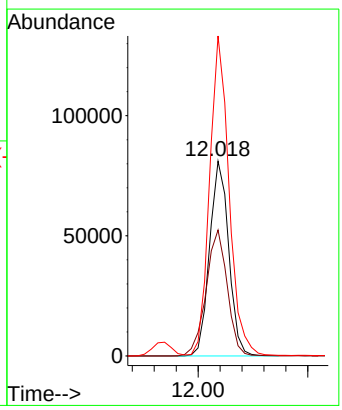
Supervised By :Mahesh Dadoda 06/18/2025

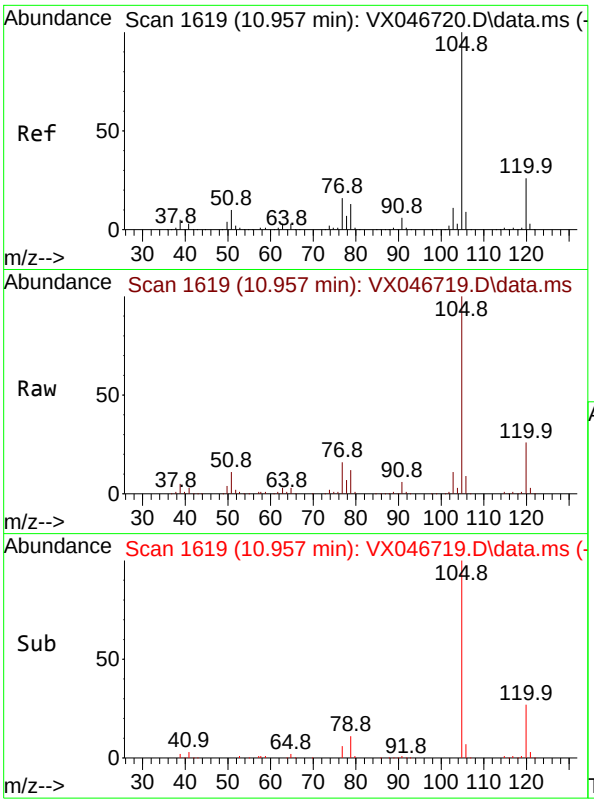


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:152 Resp: 98285

Ion	Ratio	Lower	Upper
152	100		
115	71.7	43.2	129.6
150	166.5	0.0	346.8





#73
Isopropylbenzene
Concen: 21.255 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:105 Resp: 15386

Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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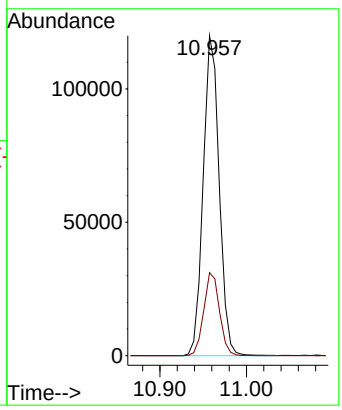
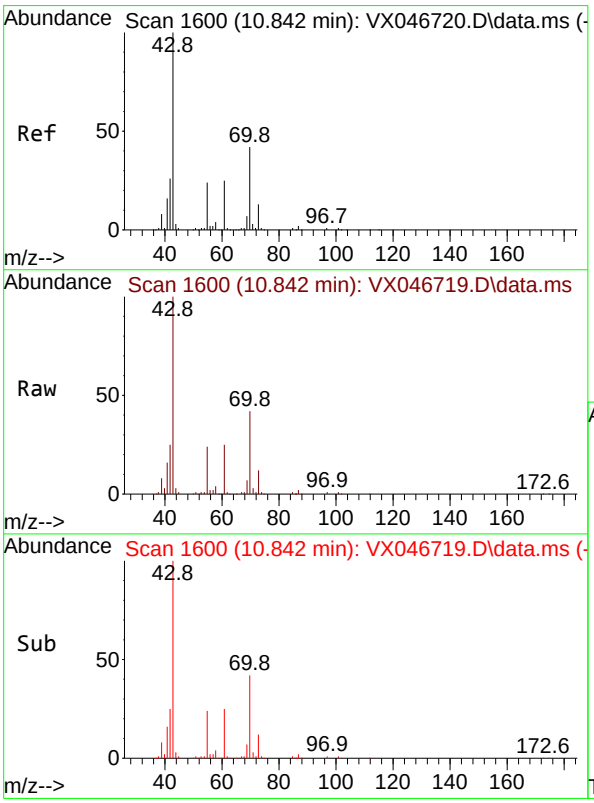
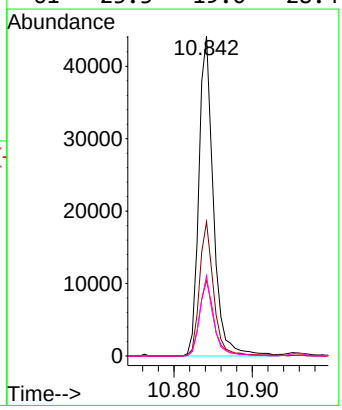


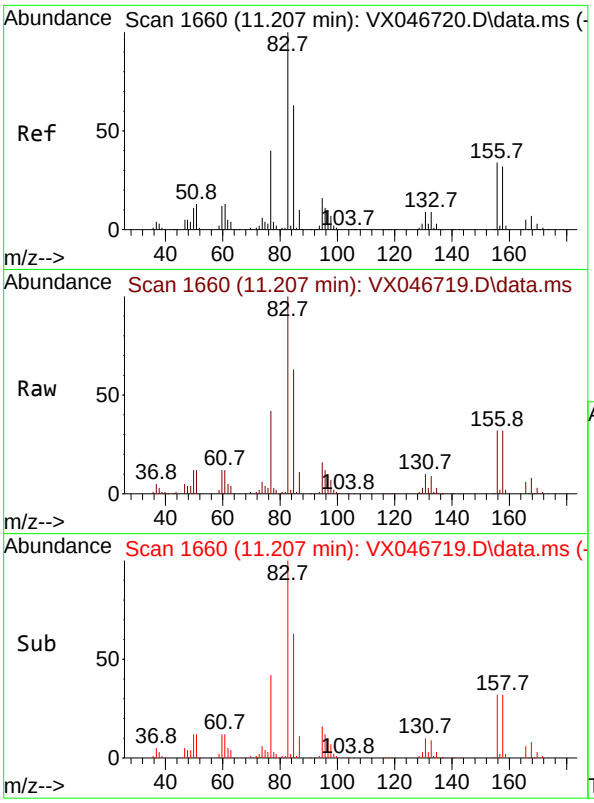


#74
N-amyl acetate
Concen: 20.851 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 57185

Ion	Ratio	Lower	Upper
43	100		
70	40.3	33.4	50.0
55	23.9	19.1	28.7
61	23.3	19.0	28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.914 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 83 Resp: 4227

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	64.0	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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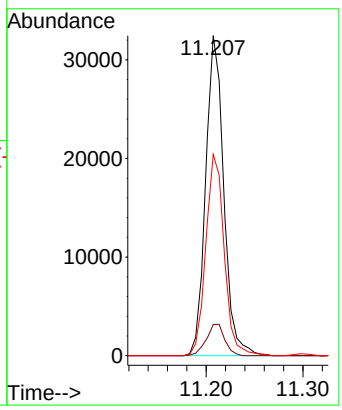
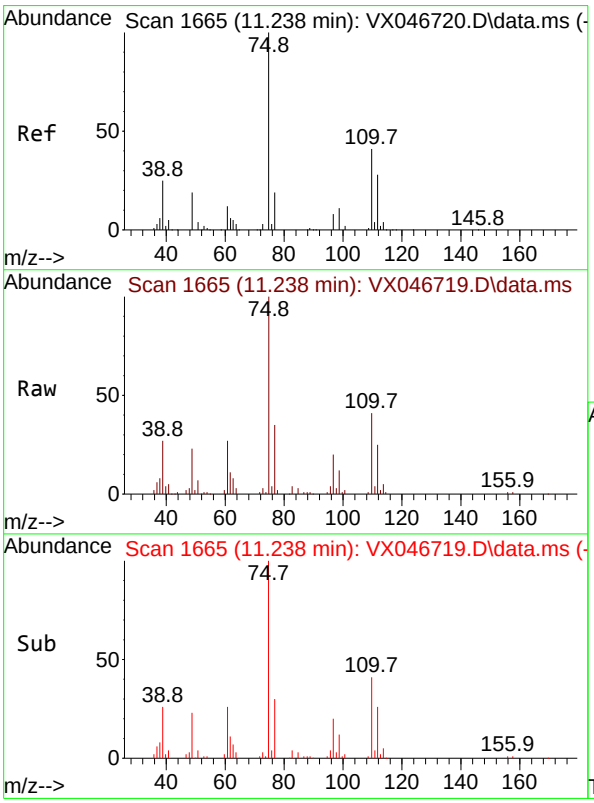
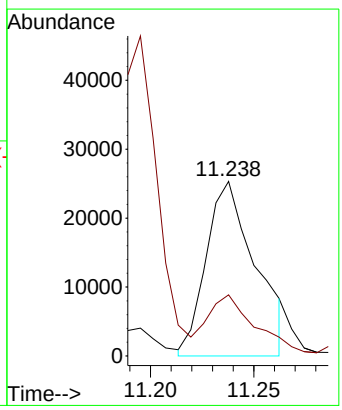


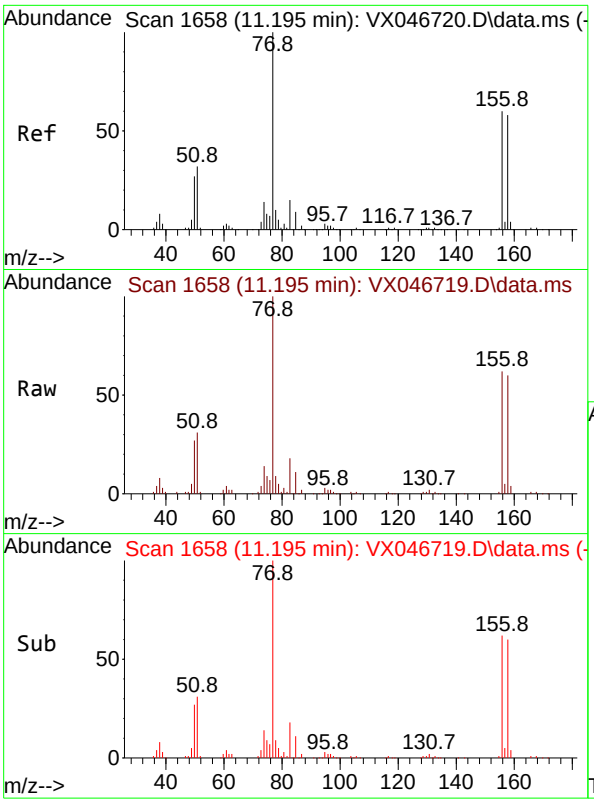


#76
1,2,3-Trichloropropane
Concen: 20.989 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 75 Resp: 41901

Ion	Ratio	Lower	Upper
75	100		
77	34.6	18.5	55.5

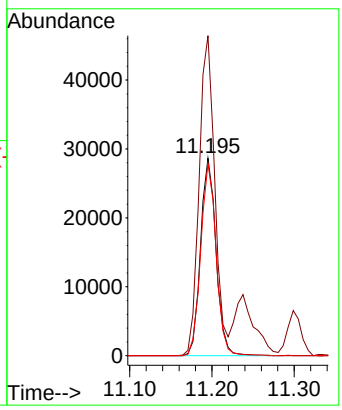




#77
Bromobenzene
Concen: 21.507 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:156 Resp: 3746

Ion	Ratio	Lower	Upper
156	100		
77	163.6	82.8	248.6
158	96.6	47.6	142.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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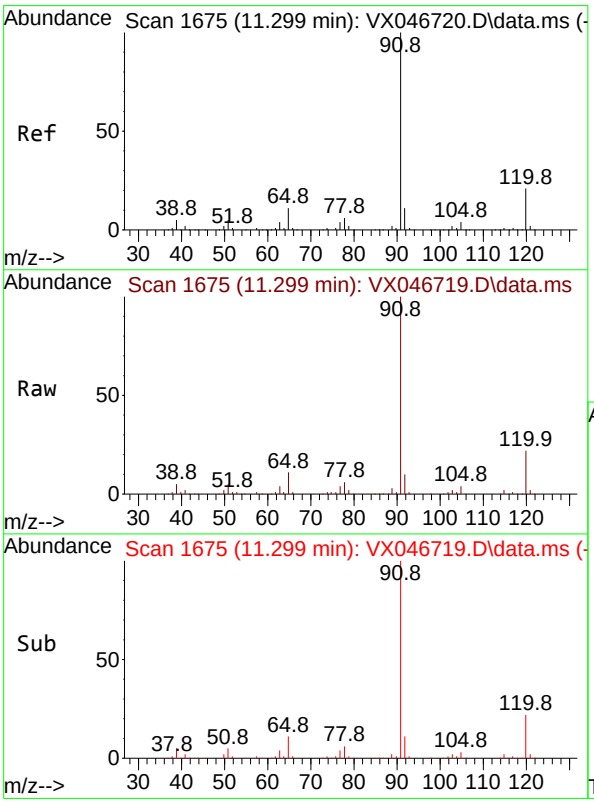
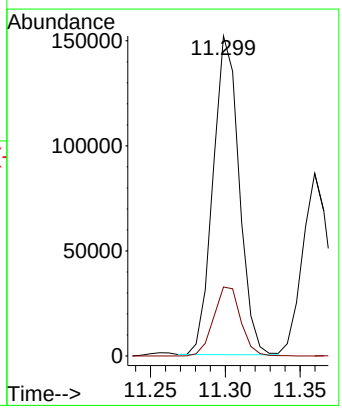
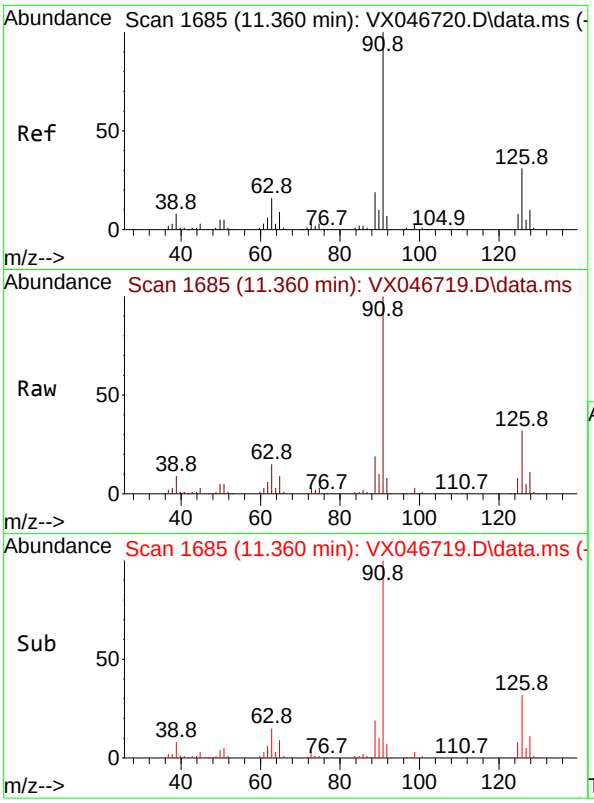


#78
n-propylbenzene
Concen: 21.410 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 91 Resp: 184078

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.1





#79
2-Chlorotoluene
Concen: 20.952 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

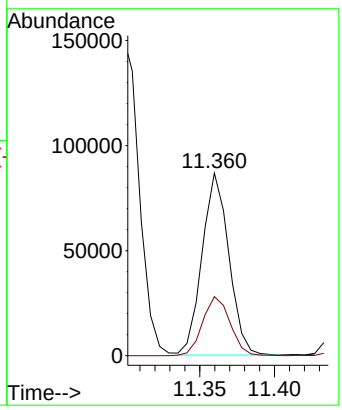
Tgt Ion: 91 Resp: 10755

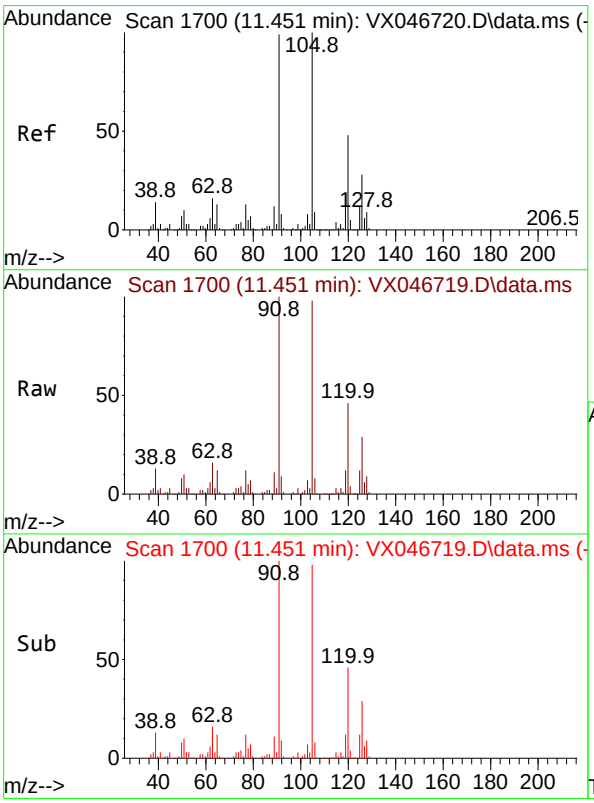
Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

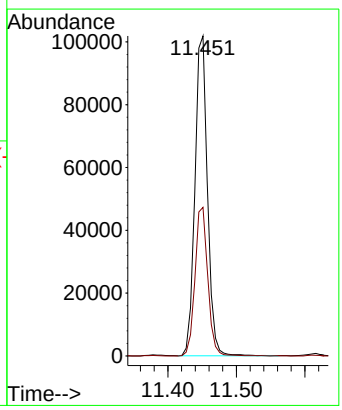


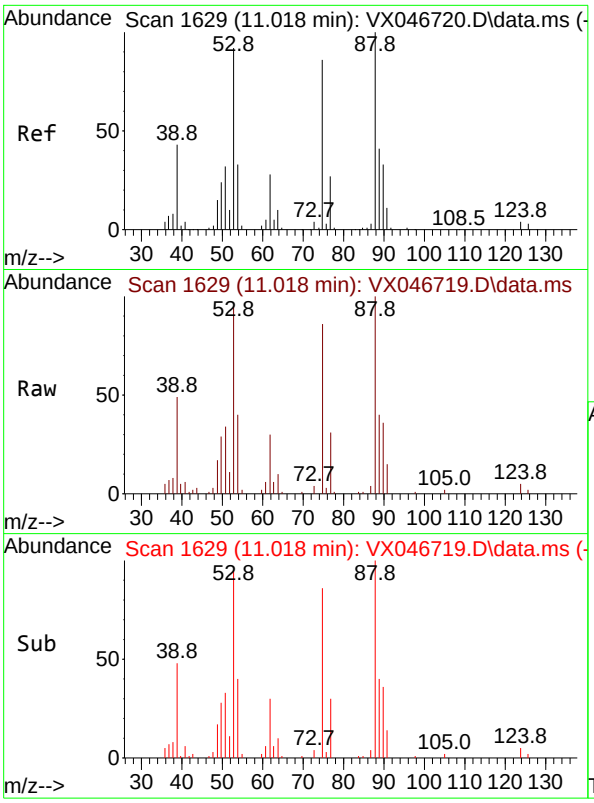


#80
1,3,5-Trimethylbenzene
Concen: 21.793 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:105 Resp: 129635

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.362 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

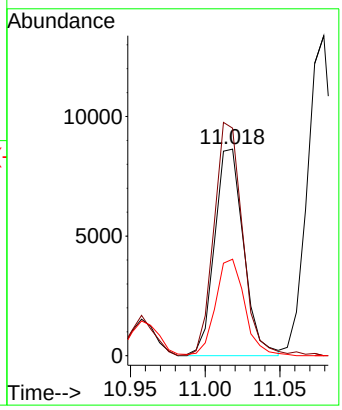
Tgt Ion: 75 Resp: 1169

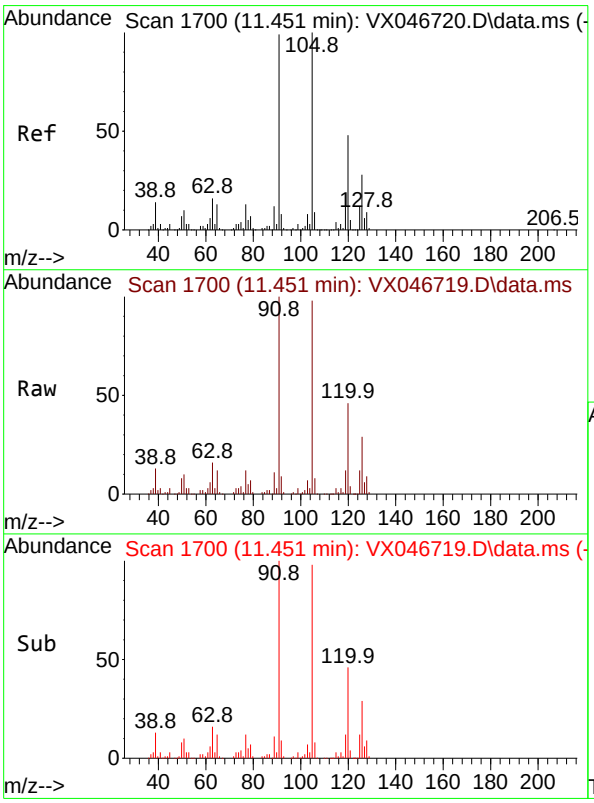
Ion	Ratio	Lower	Upper
75	100		
53	111.5	86.8	130.2
89	46.7	36.9	55.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

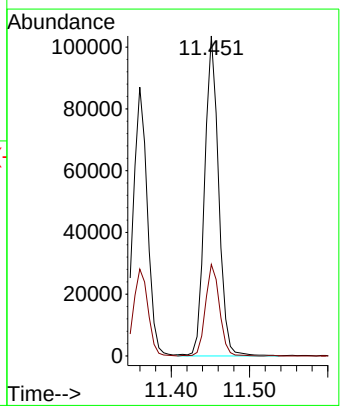


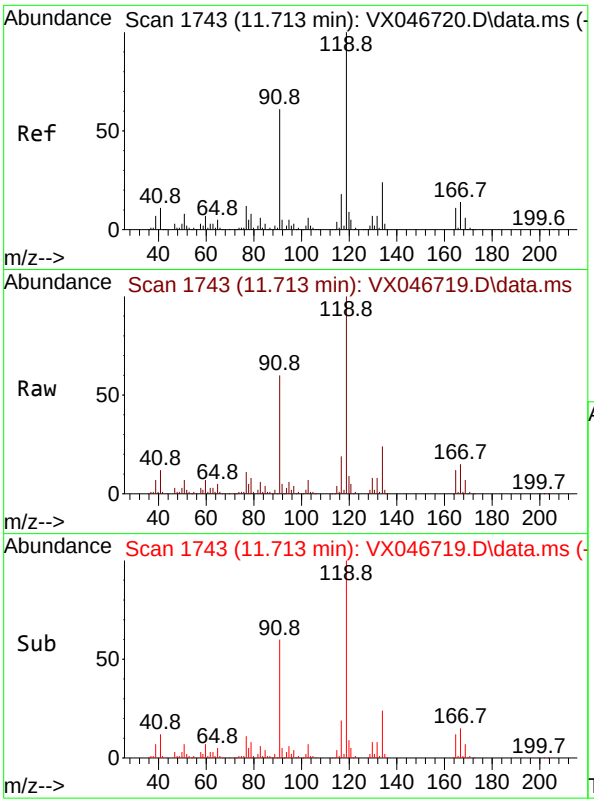


#82
4-Chlorotoluene
Concen: 21.358 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 91 Resp: 127954

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.4	43.2





#83
tert-Butylbenzene
Concen: 21.201 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

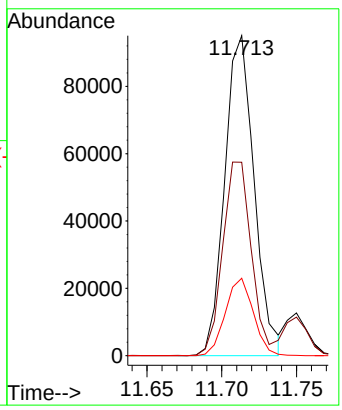
Tgt Ion:119 Resp: 13035

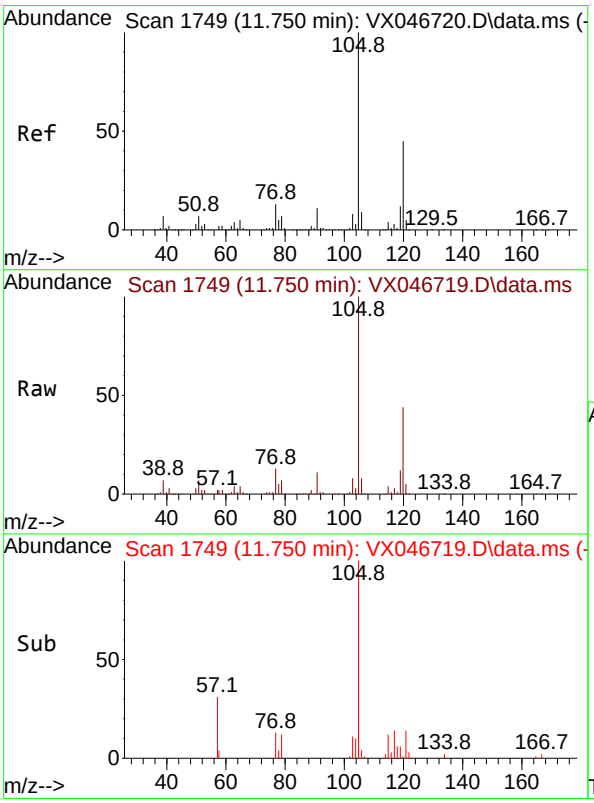
Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.5	88.6
134	23.0	11.7	35.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

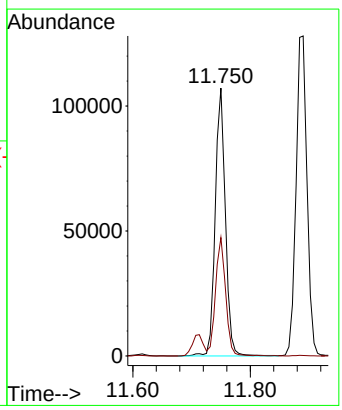


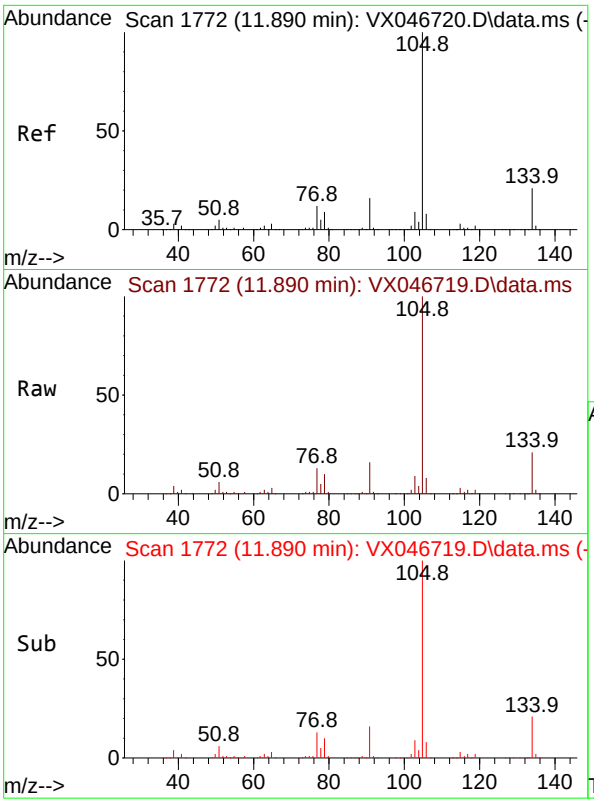


#84
1,2,4-Trimethylbenzene
Concen: 21.512 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:105 Resp: 128566

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.3





#85
sec-Butylbenzene
Concen: 21.239 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

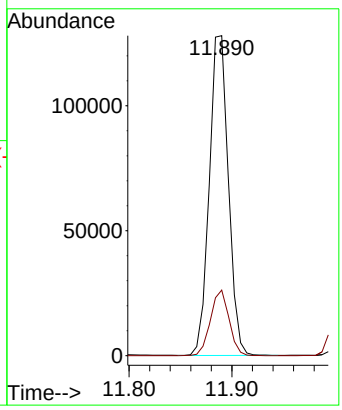
Tgt Ion:105 Resp: 16504

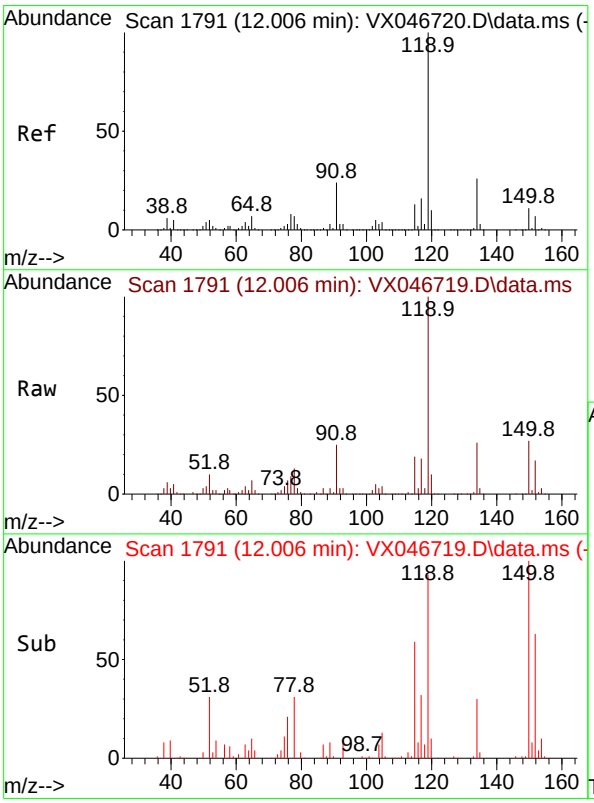
Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

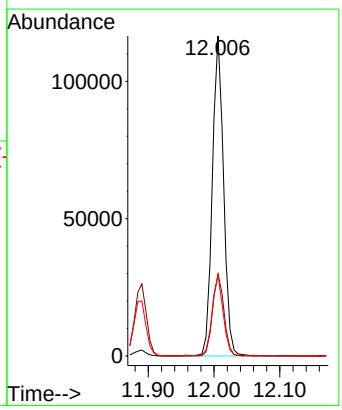


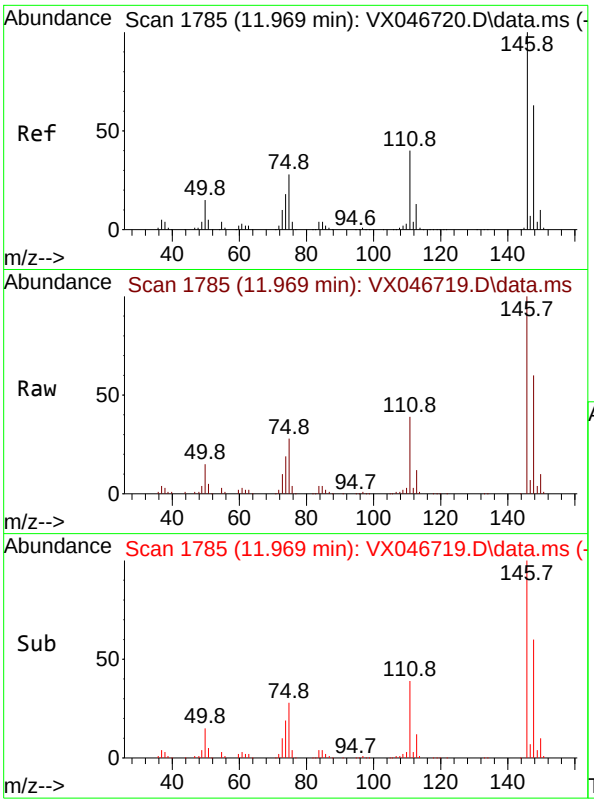


#86
p-Isopropyltoluene
Concen: 21.142 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:119 Resp: 138623

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	24.8	12.3	36.9

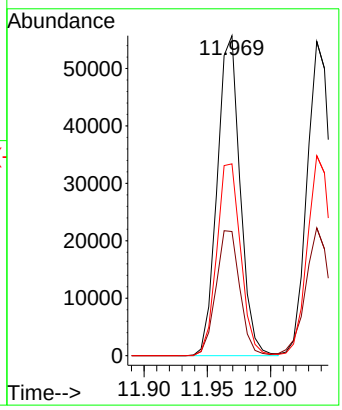




#87
1,3-Dichlorobenzene
Concen: 20.681 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:146 Resp: 7024

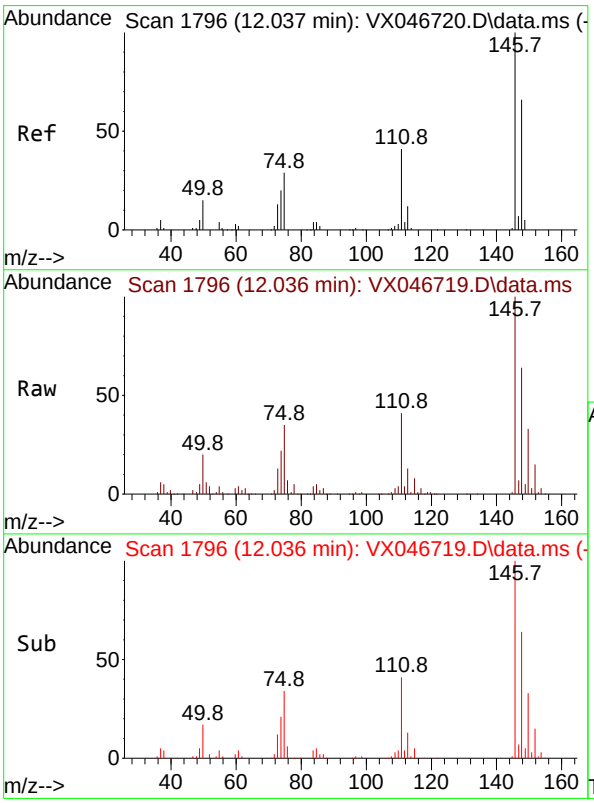
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.8
148	62.4	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

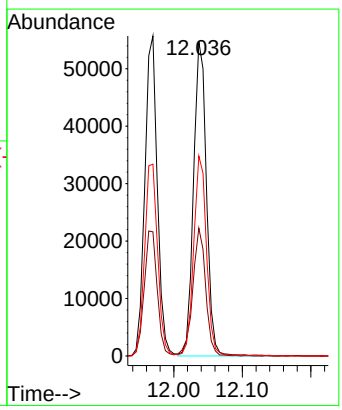
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

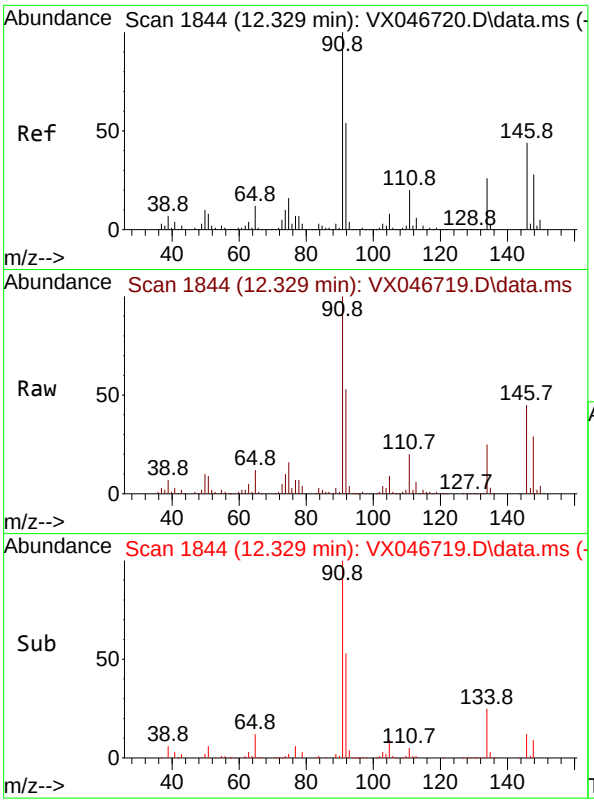


#88
1,4-Dichlorobenzene
Concen: 20.625 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:146 Resp: 71953

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	62.6	32.1	96.5





#89
n-Butylbenzene
Concen: 20.738 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

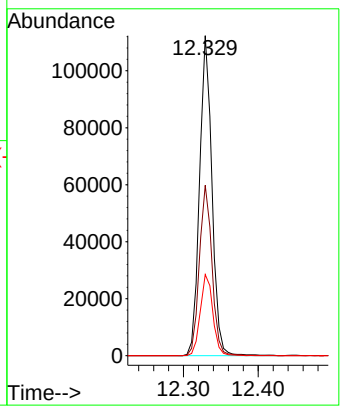
Tgt Ion: 91 Resp: 12910

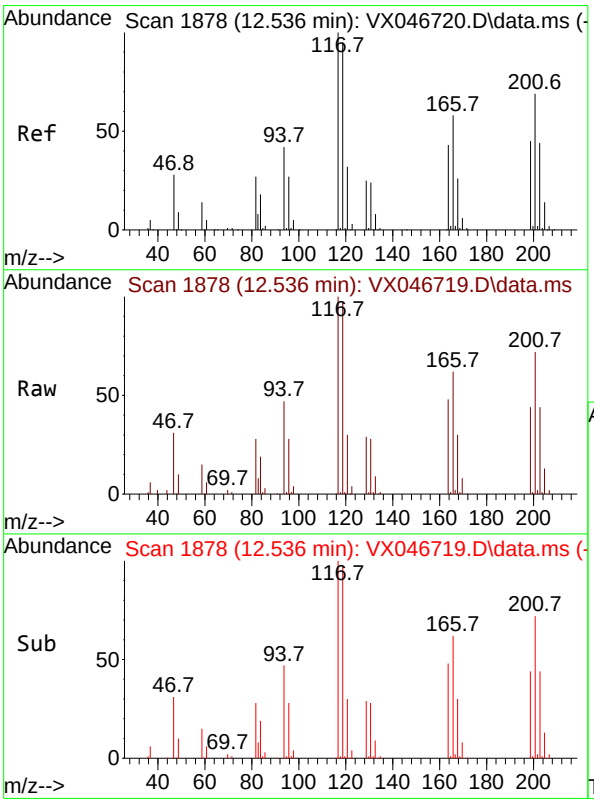
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	25.8	12.9	38.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

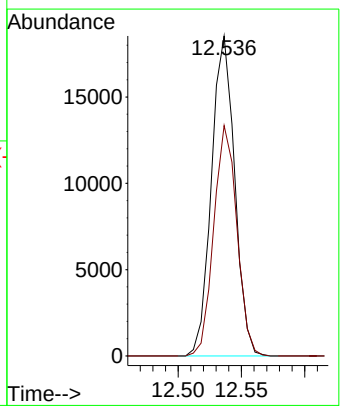


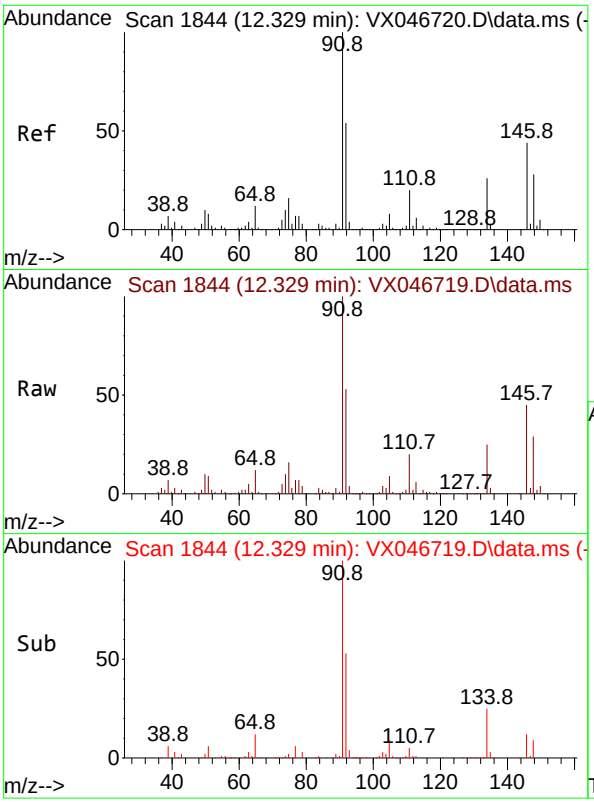


#90
Hexachloroethane
Concen: 20.594 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:117 Resp: 23645

Ion	Ratio	Lower	Upper
117	100		
201	71.6	34.4	103.3

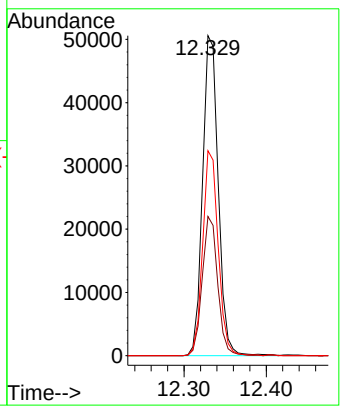




#91
1,2-Dichlorobenzene
Concen: 21.073 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:146 Resp: 6688

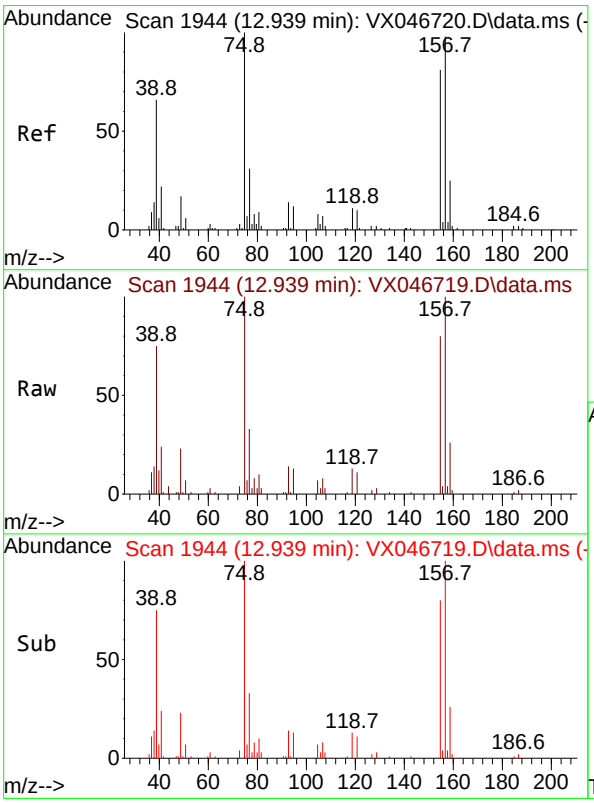
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.7	65.1
148	63.5	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

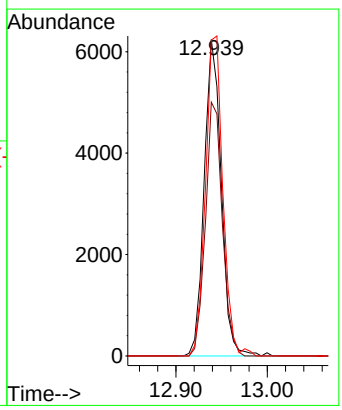
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

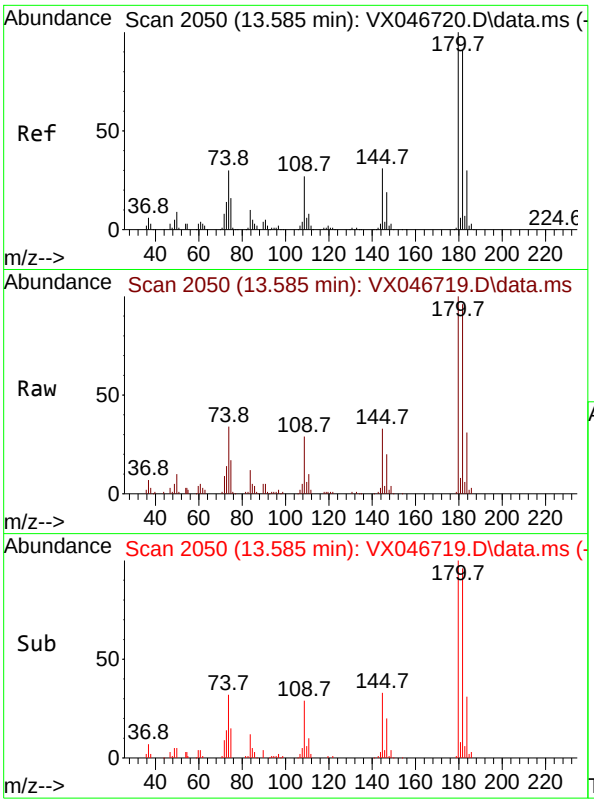


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.226 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 75 Resp: 8071

Ion	Ratio	Lower	Upper
75	100		
155	79.6	41.9	125.7
157	102.7	51.4	154.3

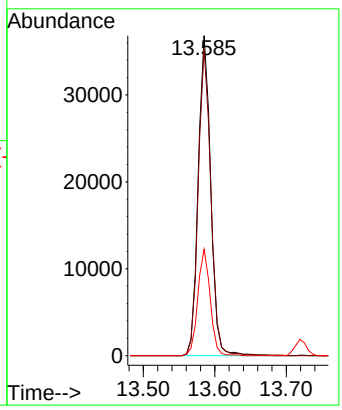




#93
1,2,4-Trichlorobenzene
Concen: 19.821 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:180 Resp: 4472

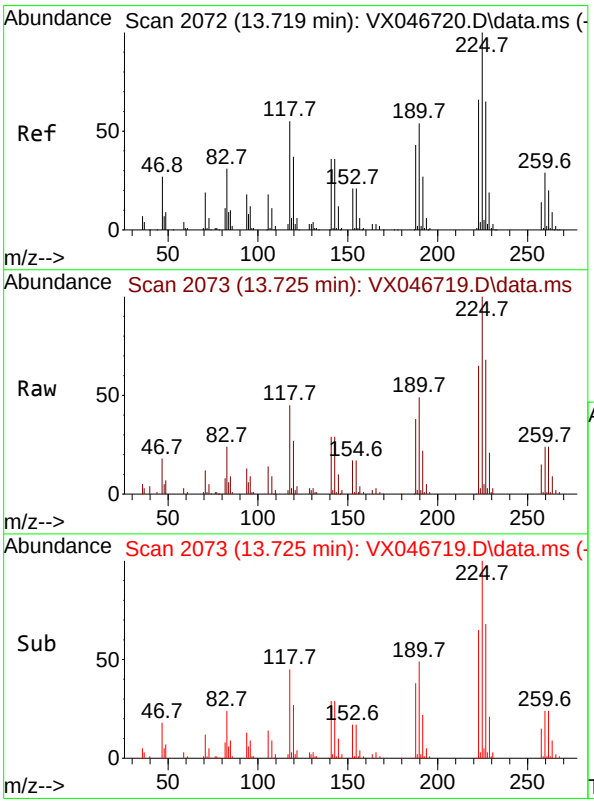
Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.7	140.1
145	32.8	15.8	47.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

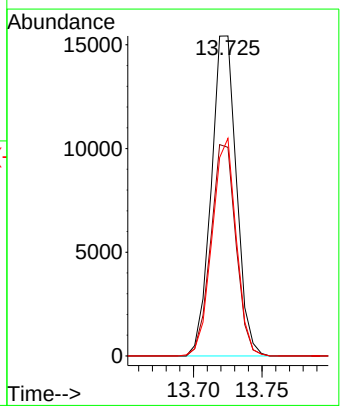
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

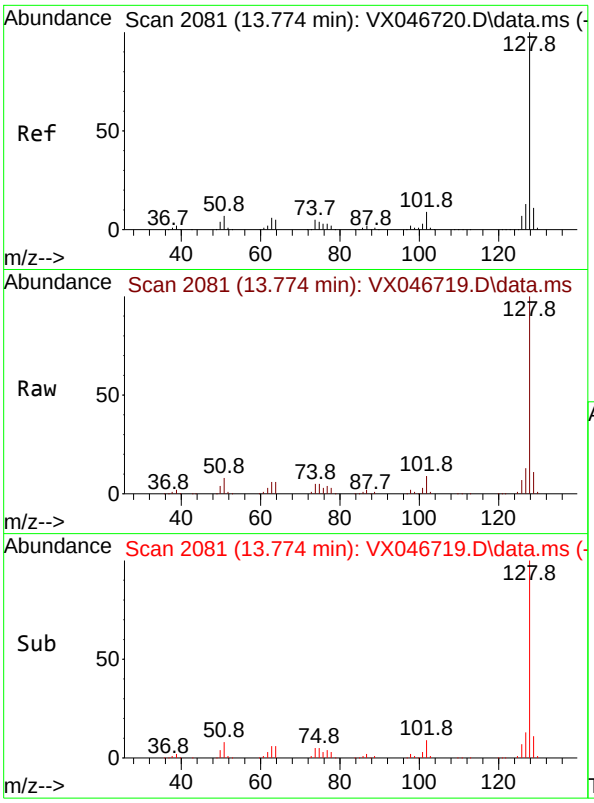


#94
Hexachlorobutadiene
Concen: 20.752 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:225 Resp: 19698

Ion	Ratio	Lower	Upper
225	100		
223	66.0	32.5	97.5
227	65.3	32.2	96.6

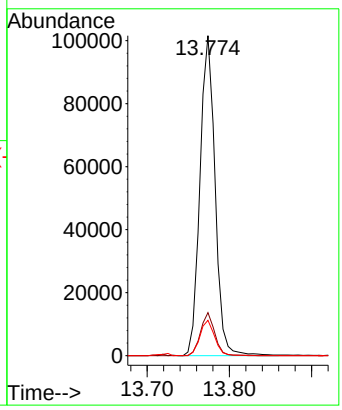




#95
Naphthalene
Concen: 20.186 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:128 Resp: 12976

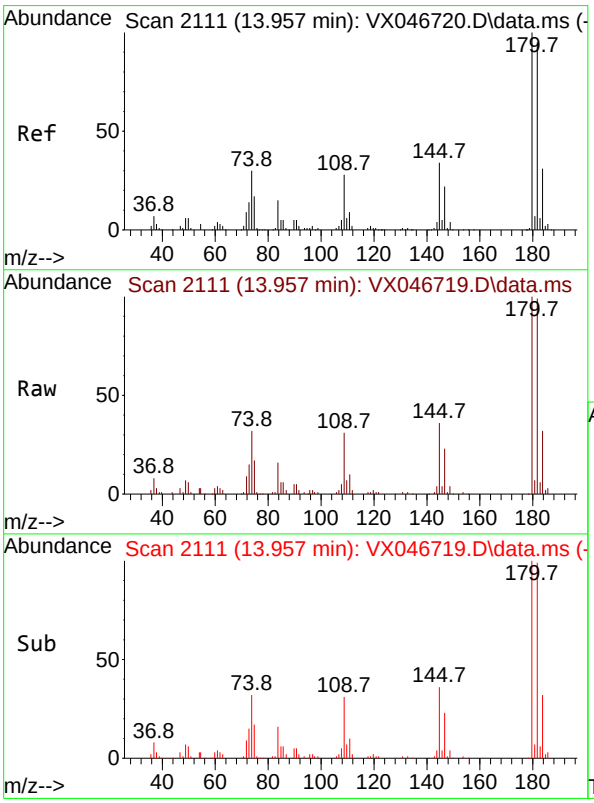
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.8	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

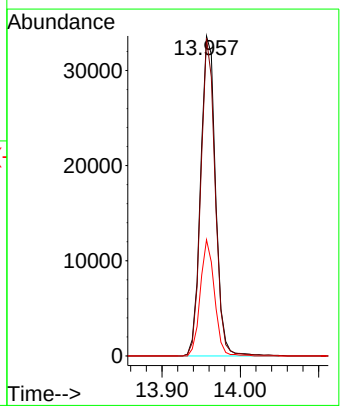
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.558 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:180 Resp: 44380

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.4
145	34.4	17.3	51.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	123412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	204400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80133	46.944	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.880%			
35) Dibromofluoromethane	5.397	113	65447	48.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.780%			
50) Toluene-d8	8.647	98	233825	48.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.240%			
62) 4-Bromofluorobenzene	11.079	95	87131	48.107	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	71910	54.577	ug/l	100
3) Chloromethane	1.307	50	73175	51.454	ug/l	100
4) Vinyl Chloride	1.386	62	78242	51.592	ug/l	100
5) Bromomethane	1.624	94	45535	53.367	ug/l	100
6) Chloroethane	1.703	64	46570	50.665	ug/l	100
7) Trichlorofluoromethane	1.904	101	119335	51.823	ug/l	100
8) Diethyl Ether	2.148	74	39712	50.251	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	71037	50.285	ug/l	100
10) Methyl Iodide	2.471	142	80710	46.019	ug/l	100
11) Tert butyl alcohol	2.959	59	38256	249.692	ug/l	100
12) 1,1-Dichloroethene	2.337	96	70202	51.500	ug/l	100
13) Acrolein	2.246	56	53791	241.036	ug/l	100
14) Allyl chloride	2.678	41	123265	49.909	ug/l	100
15) Acrylonitrile	3.075	53	175846	255.243	ug/l	100
16) Acetone	2.386	43	135683	238.356	ug/l	100
17) Carbon Disulfide	2.526	76	197344	47.941	ug/l	100
18) Methyl Acetate	2.715	43	71685	49.582	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	216266	50.953	ug/l	100
20) Methylene Chloride	2.800	84	75315	47.576	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	72648	49.807	ug/l	100
22) Diisopropyl ether	3.770	45	242789	51.143	ug/l	100
23) Vinyl Acetate	3.733	43	985040	260.935	ug/l	100
24) 1,1-Dichloroethane	3.623	63	134324	49.835	ug/l	100
25) 2-Butanone	4.562	43	208346	258.788	ug/l	100
26) 2,2-Dichloropropane	4.489	77	93956	47.794	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	84638	49.392	ug/l	100
28) Bromochloromethane	4.910	49	59857	48.984	ug/l	100
29) Tetrahydrofuran	5.013	42	133555	256.831	ug/l	100
30) Chloroform	5.105	83	137459	50.996	ug/l	100
31) Cyclohexane	5.483	56	125014	48.909	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	117954	49.895	ug/l	100
36) 1,1-Dichloropropene	5.702	75	97413	49.899	ug/l	100
37) Ethyl Acetate	4.721	43	88076	48.877	ug/l	100
38) Carbon Tetrachloride	5.690	117	105202	49.656	ug/l	100
39) Methylcyclohexane	7.385	83	128553	50.041	ug/l	100
40) Benzene	6.044	78	289724	50.146	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	48765	50.762	ug/l		100
42) 1,2-Dichloroethane	6.092	62	101218	49.855	ug/l		100
43) Isopropyl Acetate	6.342	43	146377	51.911	ug/l		100
44) Trichloroethene	7.129	130	72796	49.441	ug/l		100
45) 1,2-Dichloropropane	7.434	63	70702	49.378	ug/l		100
46) Dibromomethane	7.586	93	51288	49.840	ug/l		100
47) Bromodichloromethane	7.824	83	106651	50.787	ug/l		100
48) Methyl methacrylate	7.696	41	75708	53.535	ug/l		100
49) 1,4-Dioxane	7.659	88	19802	962.534	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	435000	258.656	ug/l		100
52) Toluene	8.720	92	181414	50.650	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	99727	51.183	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	111917	50.598	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	66688	49.963	ug/l		100
56) Ethyl methacrylate	9.116	69	103697	52.629	ug/l		100
57) 1,3-Dichloropropane	9.305	76	114824	49.955	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.245	63	287531	280.927	ug/l		100
59) 2-Hexanone	9.427	43	303322	260.883	ug/l		100
60) Dibromochloromethane	9.519	129	79227	50.368	ug/l		100
61) 1,2-Dibromoethane	9.610	107	68515	50.464	ug/l		100
64) Tetrachloroethene	9.275	164	61048	49.115	ug/l		100
65) Chlorobenzene	10.080	112	195752	49.429	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	67004	50.341	ug/l		100
67) Ethyl Benzene	10.189	91	346812	50.119	ug/l		100
68) m/p-Xylenes	10.299	106	259899	100.800	ug/l		100
69) o-Xylene	10.640	106	124120	51.366	ug/l		100
70) Styrene	10.653	104	216738	51.254	ug/l		100
71) Bromoform	10.799	173	51485	50.792	ug/l	#	100
73) Isopropylbenzene	10.957	105	331391	50.548	ug/l		100
74) N-amyl acetate	10.842	43	130606	52.581	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	92893	50.745	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	88091m	48.721	ug/l		
77) Bromobenzene	11.195	156	79404	50.331	ug/l		100
78) n-propylbenzene	11.299	91	394375	50.646	ug/l		100
79) 2-Chlorotoluene	11.360	91	230178	49.509	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	273477	50.761	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	27677	47.984	ug/l		100
82) 4-Chlorotoluene	11.451	91	269198	49.613	ug/l		100
83) tert-Butylbenzene	11.713	119	277915	49.905	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	272510	50.345	ug/l		100
85) sec-Butylbenzene	11.890	105	355947	50.574	ug/l		100
86) p-Isopropyltoluene	12.006	119	297314	50.067	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	149402	48.568	ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	147146	46.571	ug/l		100
89) n-Butylbenzene	12.329	91	280794	49.801	ug/l		100
90) Hexachloroethane	12.536	117	51961	49.968	ug/l		100
91) 1,2-Dichlorobenzene	12.329	146	141743	49.309	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18747	51.873	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	100346	49.101	ug/l		100
94) Hexachlorobutadiene	13.719	225	42659	49.621	ug/l		100
95) Naphthalene	13.774	128	296912	50.994	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	96318	49.263	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

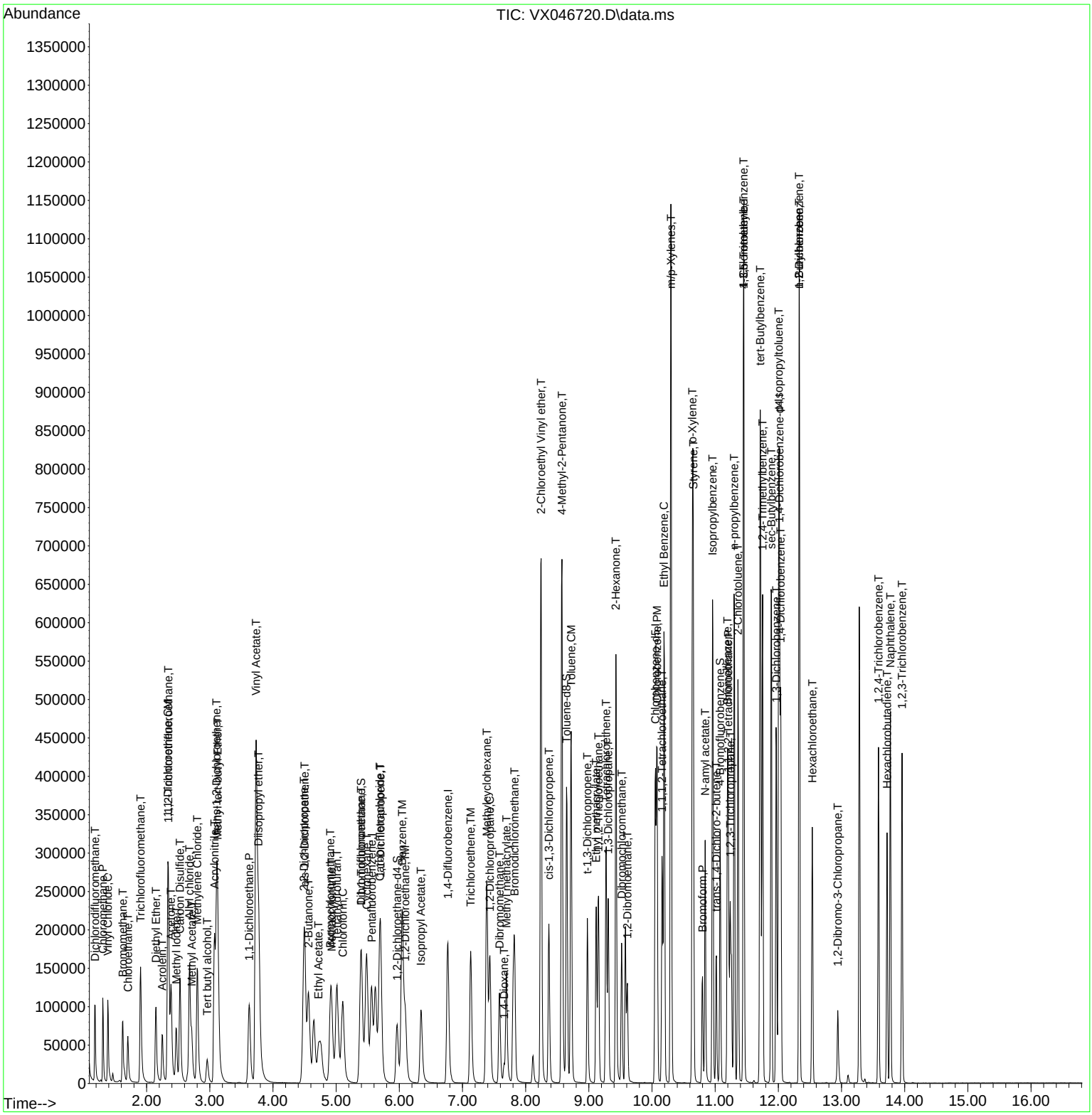
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

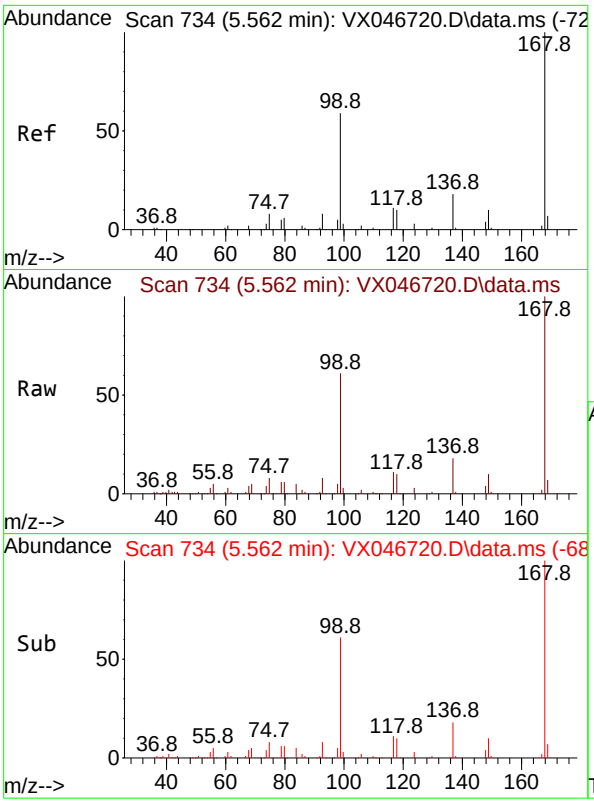
Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

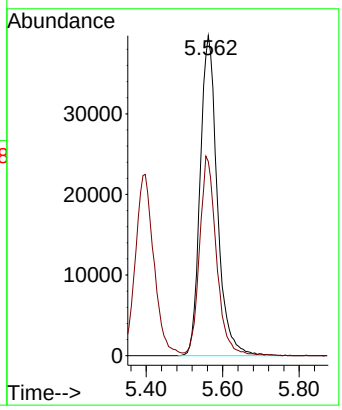




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:168 Resp: 12341

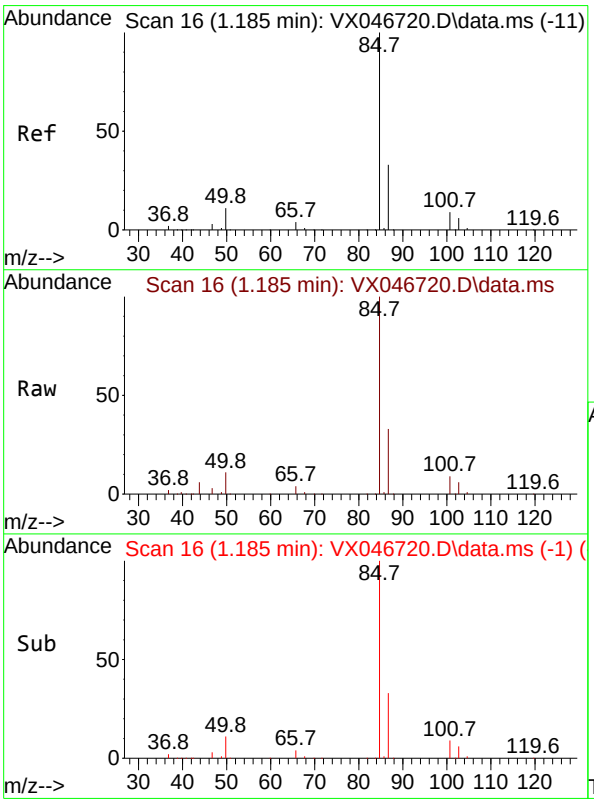
Ion	Ratio	Lower	Upper
168	100		
99	60.6	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

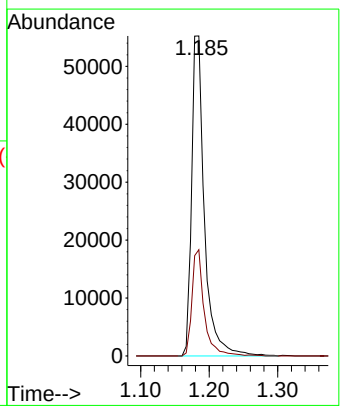
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

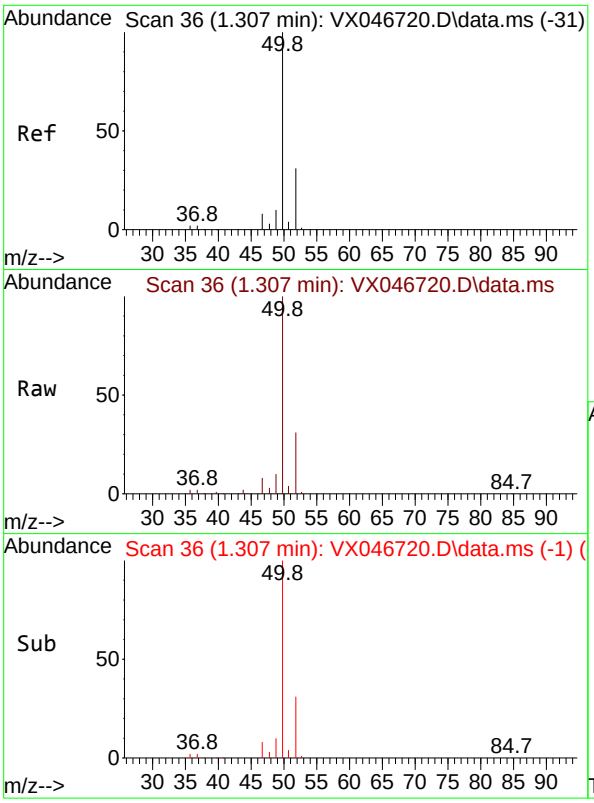


#2
Dichlorodifluoromethane
Concen: 54.577 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 85 Resp: 71910

Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.6	49.8

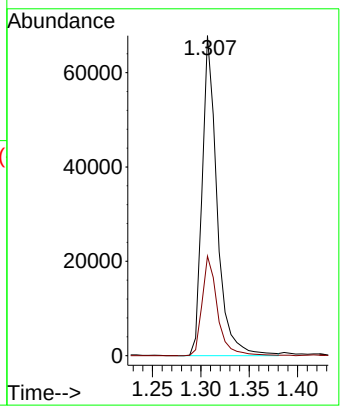




#3
Chloromethane
Concen: 51.454 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 50 Resp: 7317

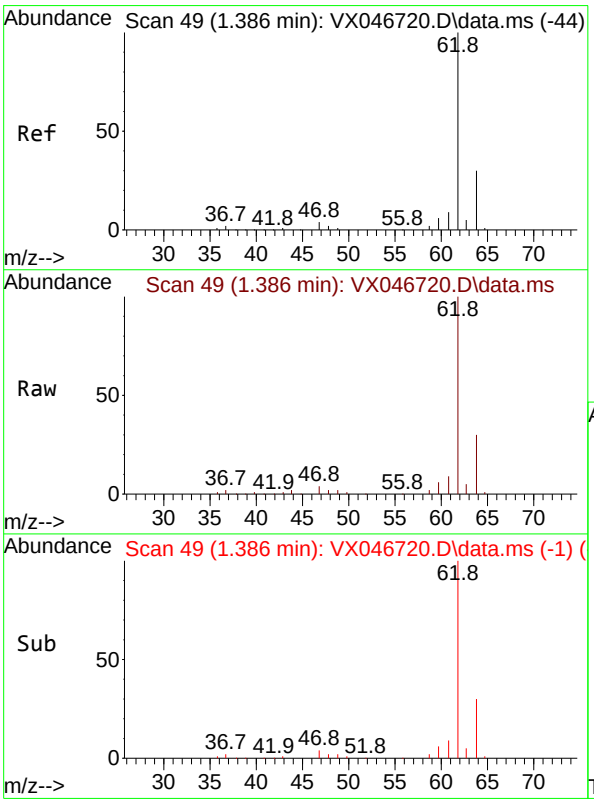
Ion	Ratio	Lower	Upper
50	100		
52	31.1	24.9	37.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

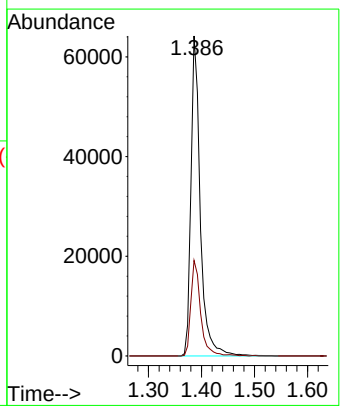
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

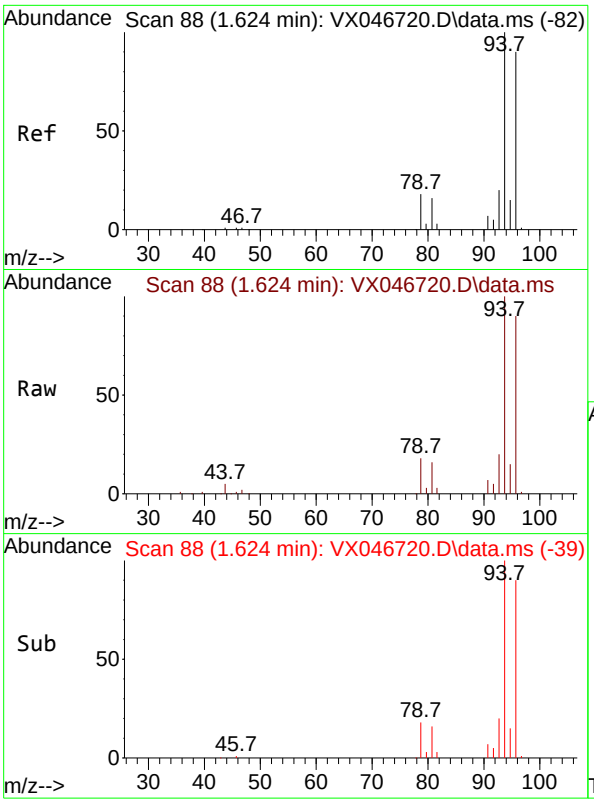


#4
Vinyl Chloride
Concen: 51.592 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 62 Resp: 78242

Ion	Ratio	Lower	Upper
62	100		
64	29.9	23.9	35.9

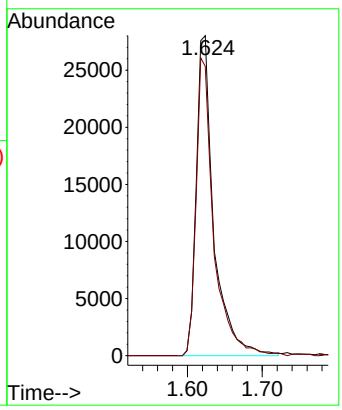




#5
Bromomethane
Concen: 53.367 ug/l
RT: 1.624 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 94 Resp: 4553

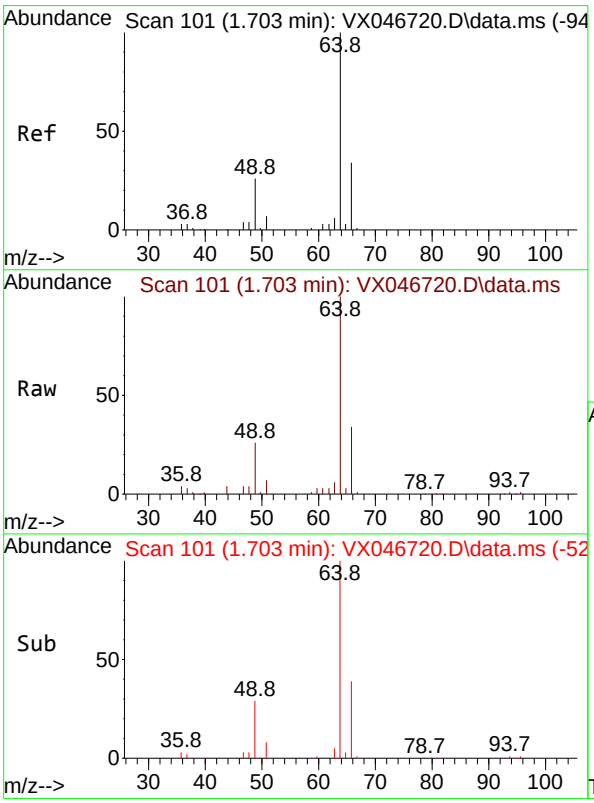
Ion	Ratio	Lower	Upper
94	100		
96	90.4	72.3	108.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

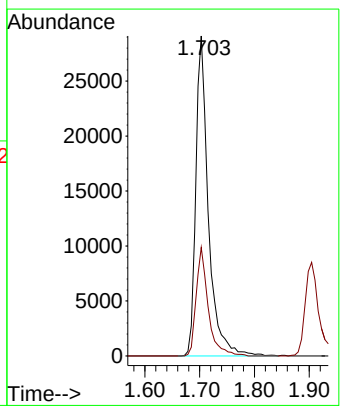
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

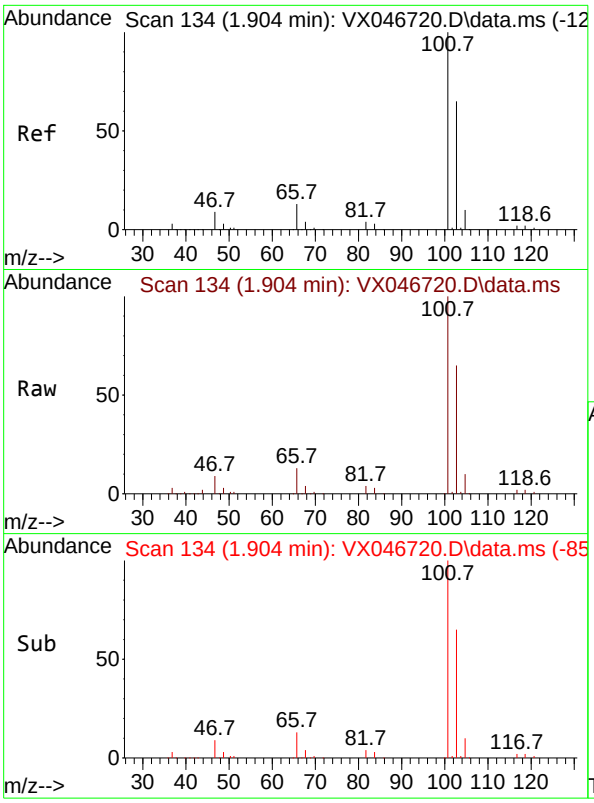


#6
Chloroethane
Concen: 50.665 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 64 Resp: 46570

Ion	Ratio	Lower	Upper
64	100		
66	33.9	27.1	40.7

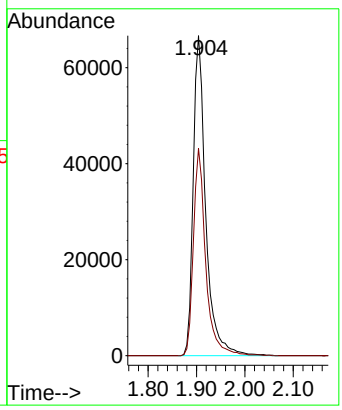




#7
Trichlorofluoromethane
Concen: 51.823 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:101 Resp: 11933

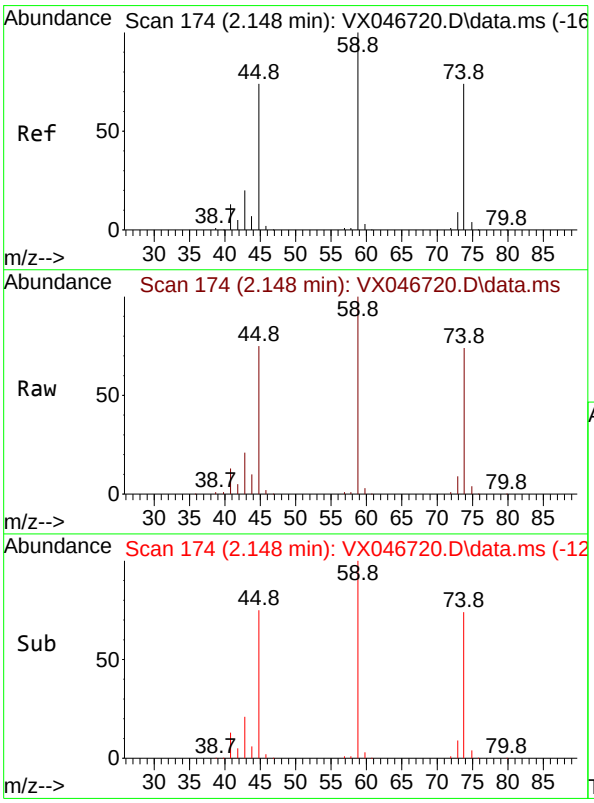
Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

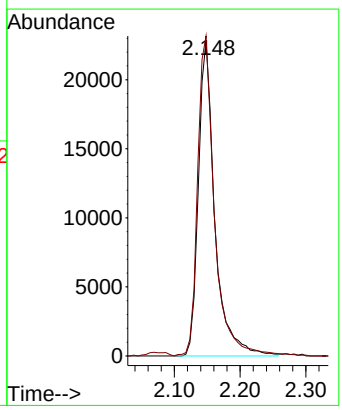
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

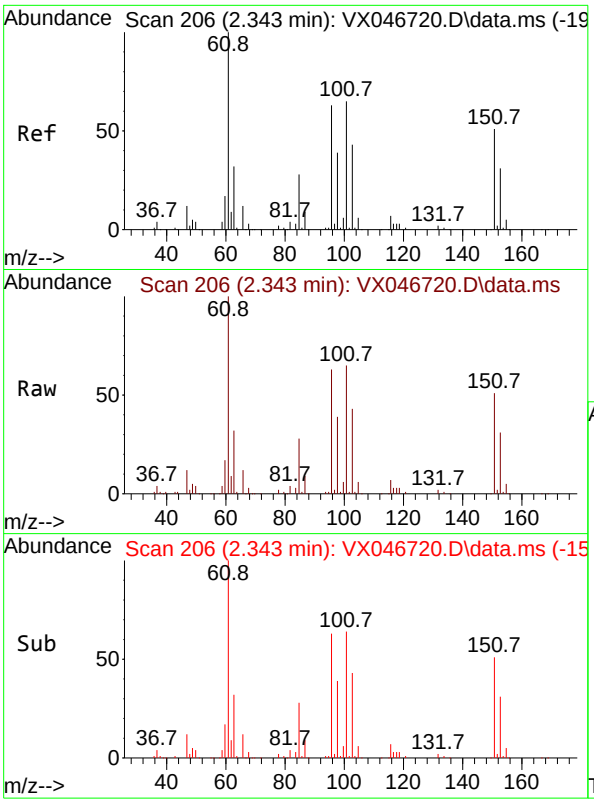


#8
Diethyl Ether
Concen: 50.251 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 74 Resp: 39712

Ion	Ratio	Lower	Upper
74	100		
45	104.7	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.285 ug/l
RT: 2.343 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

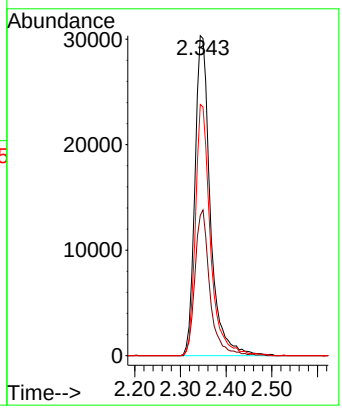
Tgt Ion:101 Resp: 7103

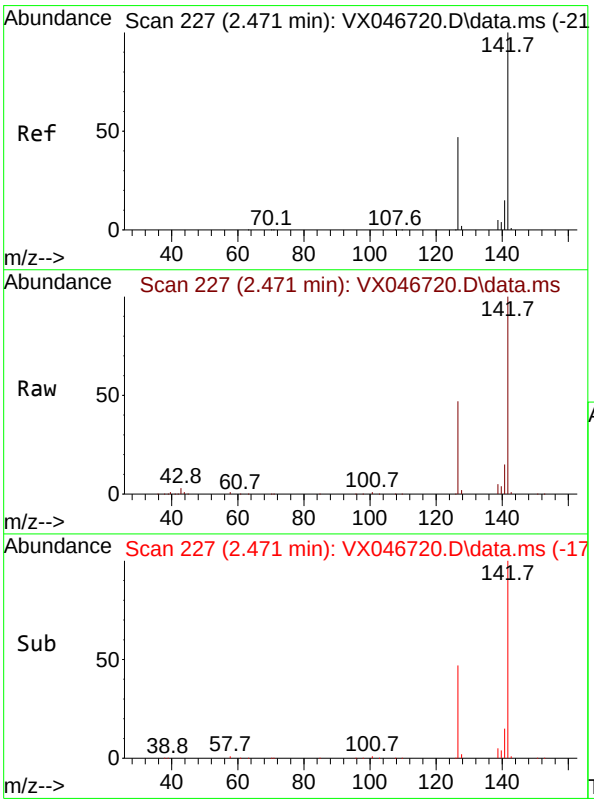
Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.4	53.0
151	76.5	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

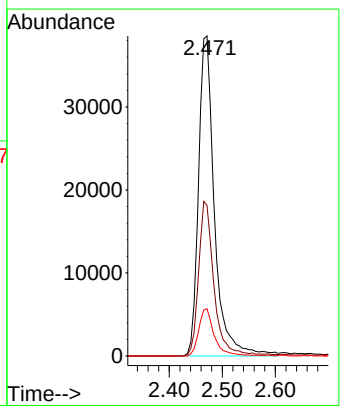


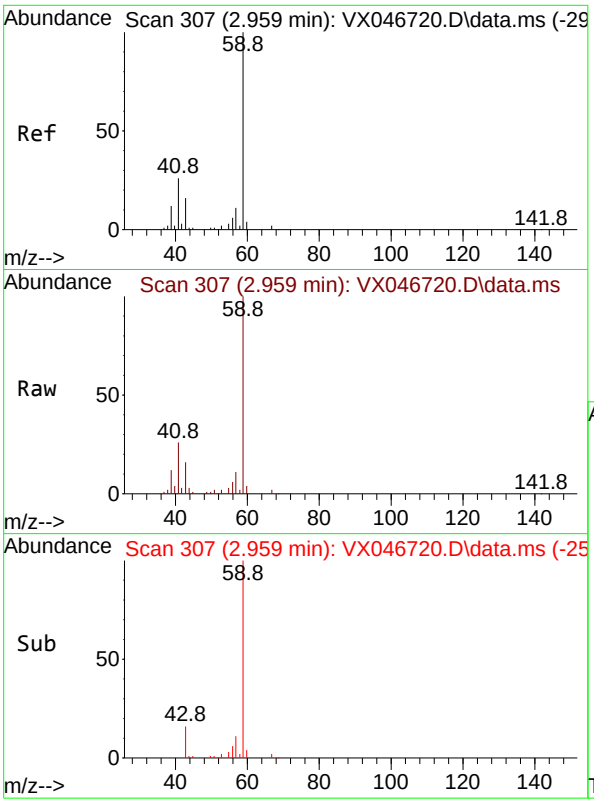


#10
Methyl Iodide
Concen: 46.019 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:142 Resp: 80710

Ion	Ratio	Lower	Upper
142	100		
127	46.3	37.0	55.6
141	14.4	11.5	17.3





#11
Tert butyl alcohol
Concen: 249.692 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 59 Resp: 3825

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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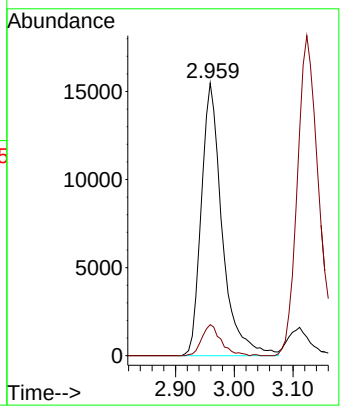
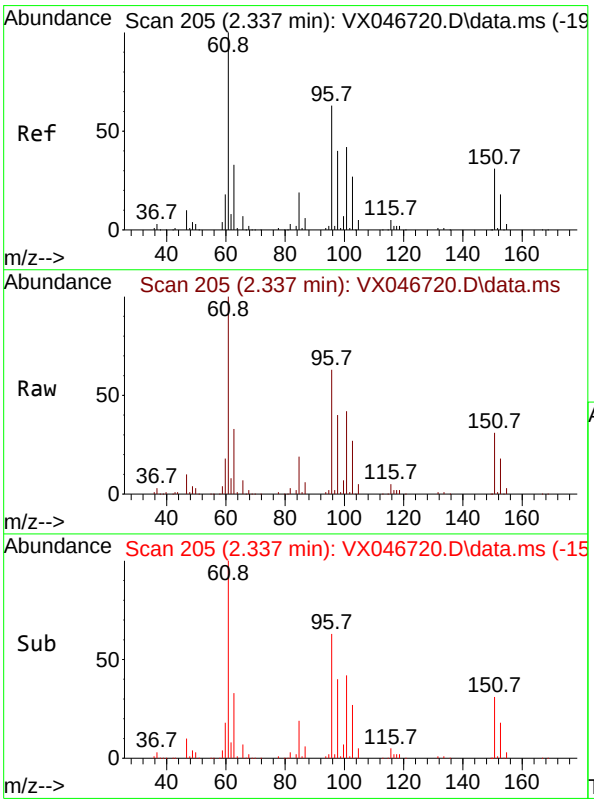
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

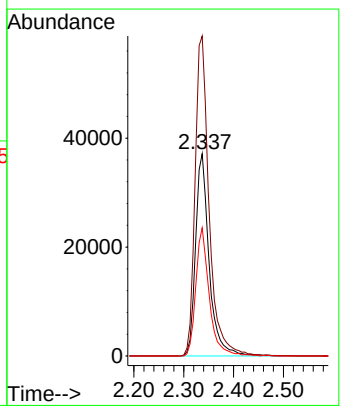


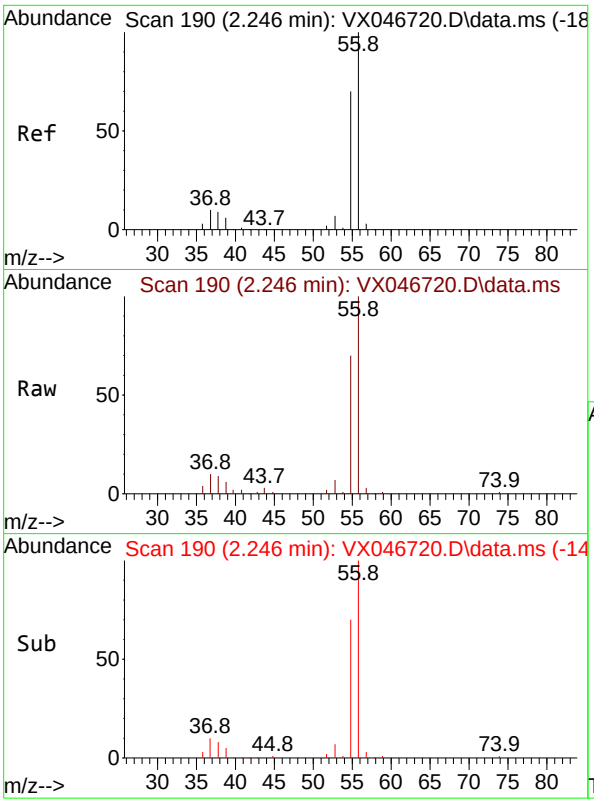


#12
1,1-Dichloroethene
Concen: 51.500 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 96 Resp: 70202

Ion	Ratio	Lower	Upper
96	100		
61	158.2	126.6	189.8
98	63.4	50.7	76.1





#13
Acrolein
Concen: 241.036 ug/l
RT: 2.246 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 56 Resp: 5379

Ion	Ratio	Lower	Upper
56	100		
55	69.0	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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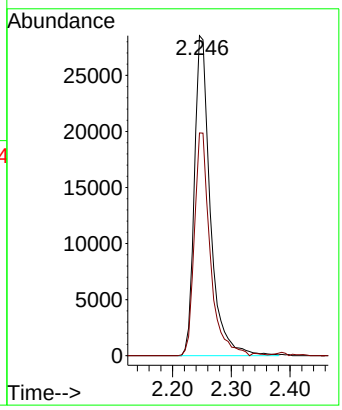
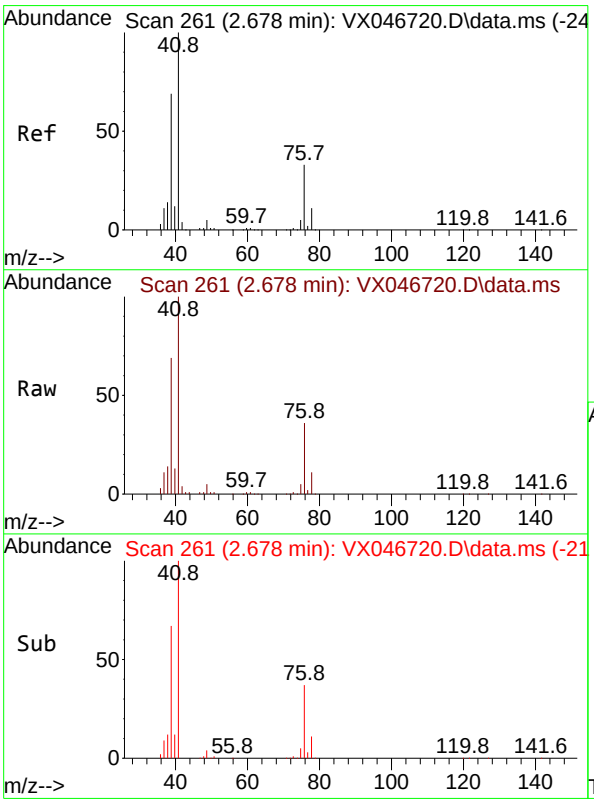
Supervised By :Mahesh Dadoda 06/18/2025

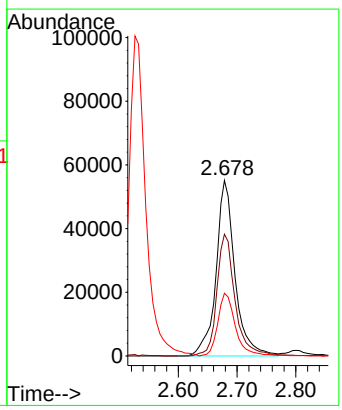


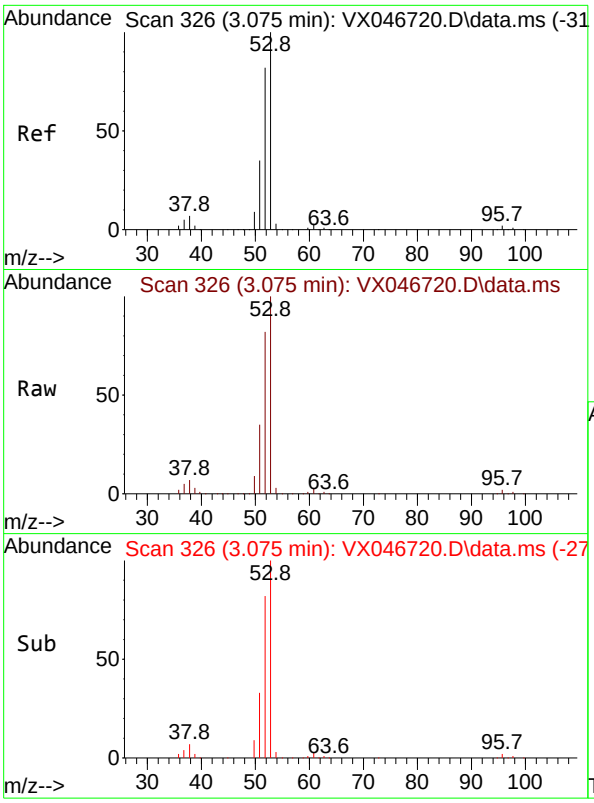


#14
Allyl chloride
Concen: 49.909 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 41 Resp: 123265

Ion	Ratio	Lower	Upper
41	100		
39	67.0	53.6	80.4
76	33.5	26.8	40.2

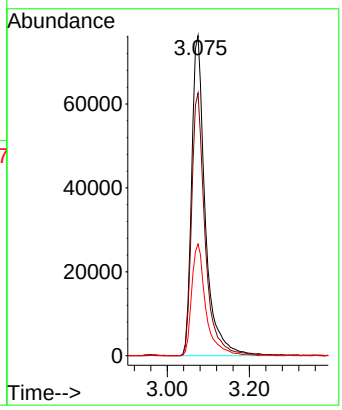




#15
Acrylonitrile
Concen: 255.243 ug/l
RT: 3.075 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 53 Resp: 17584

Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	36.1	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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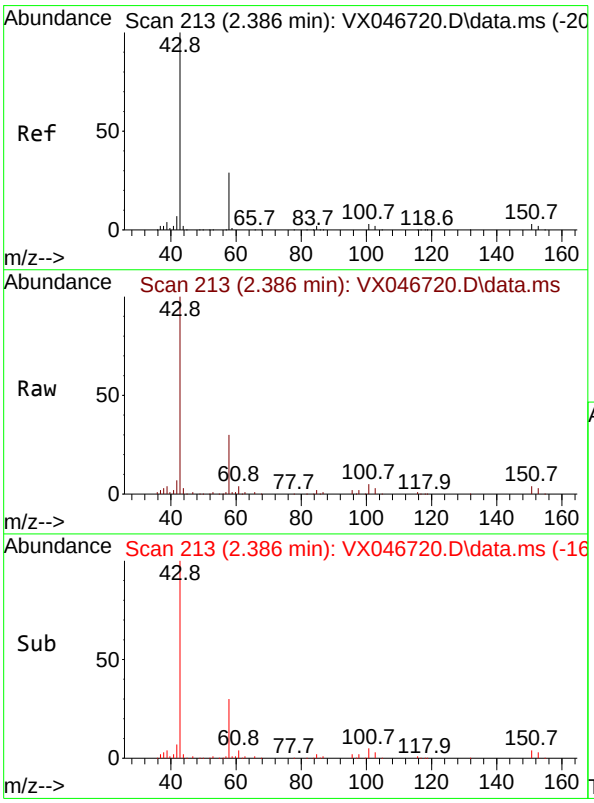
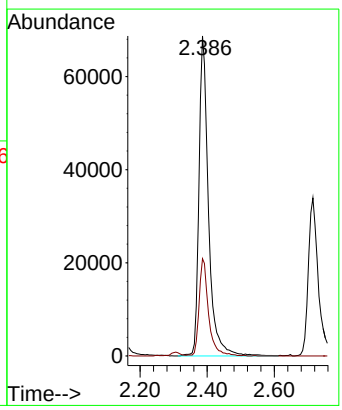
Supervised By :Mahesh Dadoda 06/18/2025

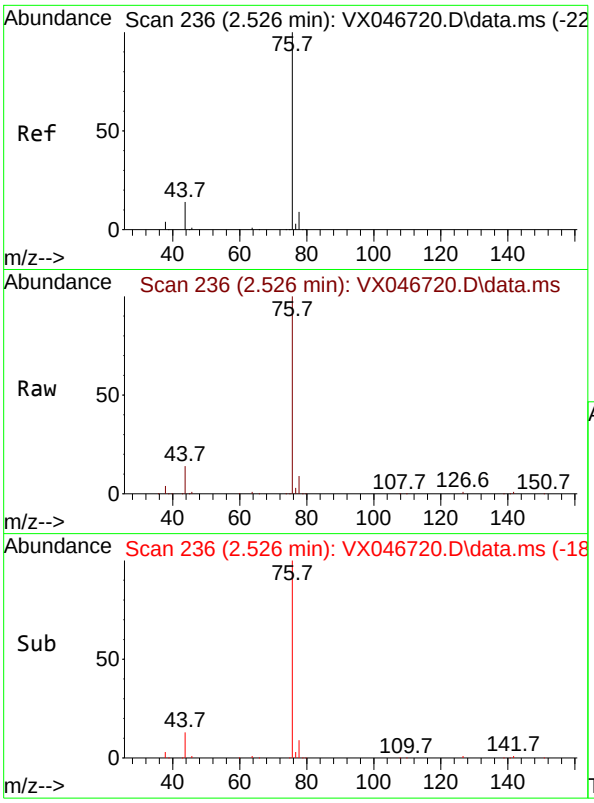


#16
Acetone
Concen: 238.356 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 43 Resp: 135683

Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.5	36.7





#17
Carbon Disulfide
Concen: 47.941 ug/l
RT: 2.526 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 76 Resp: 19734

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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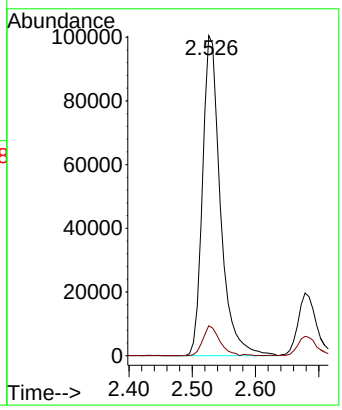
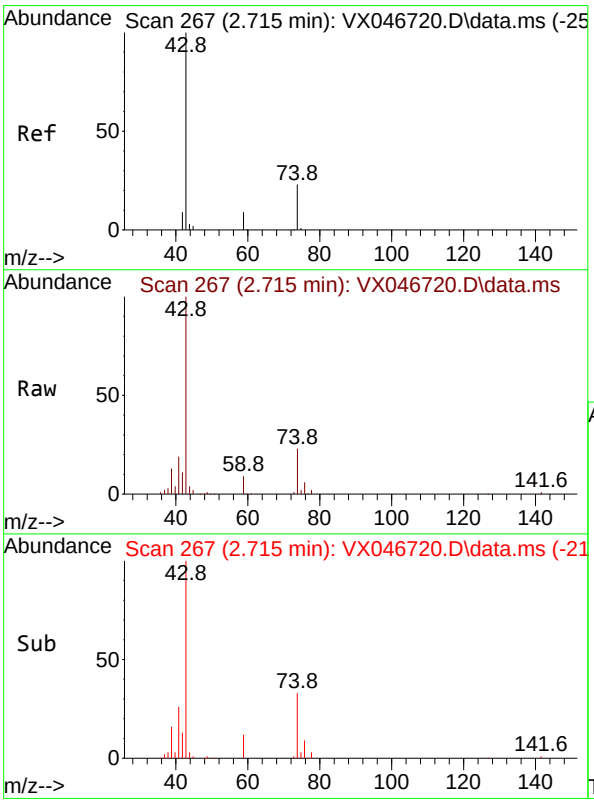
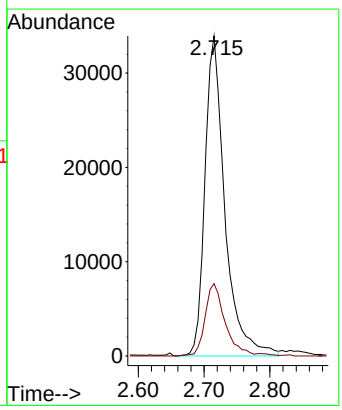


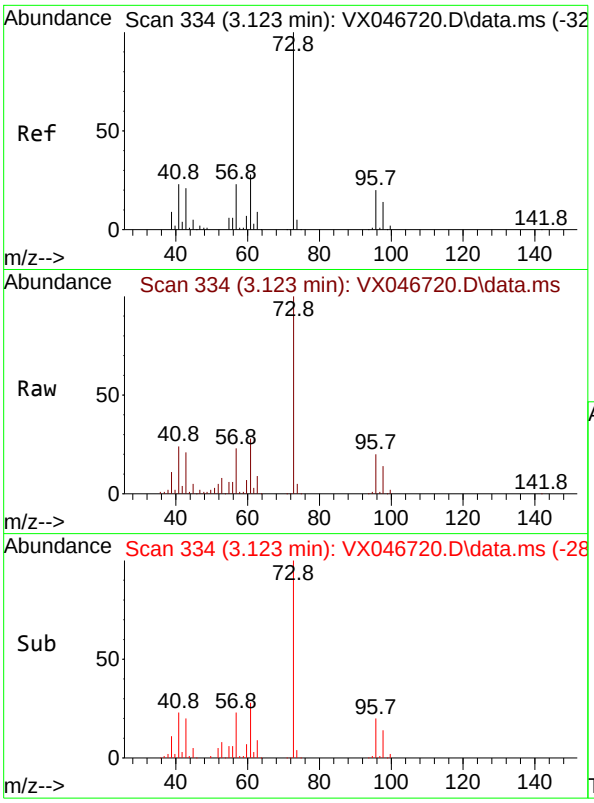


#18
Methyl Acetate
Concen: 49.582 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 43 Resp: 71685

Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.4	27.6

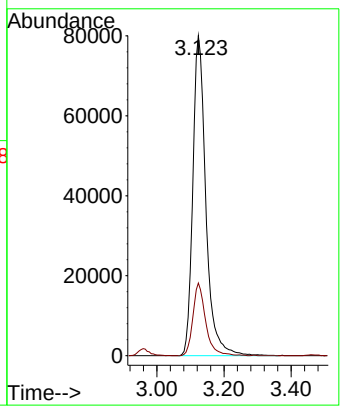




#19
Methyl tert-butyl Ether
Concen: 50.953 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 73 Resp: 21626

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.2	27.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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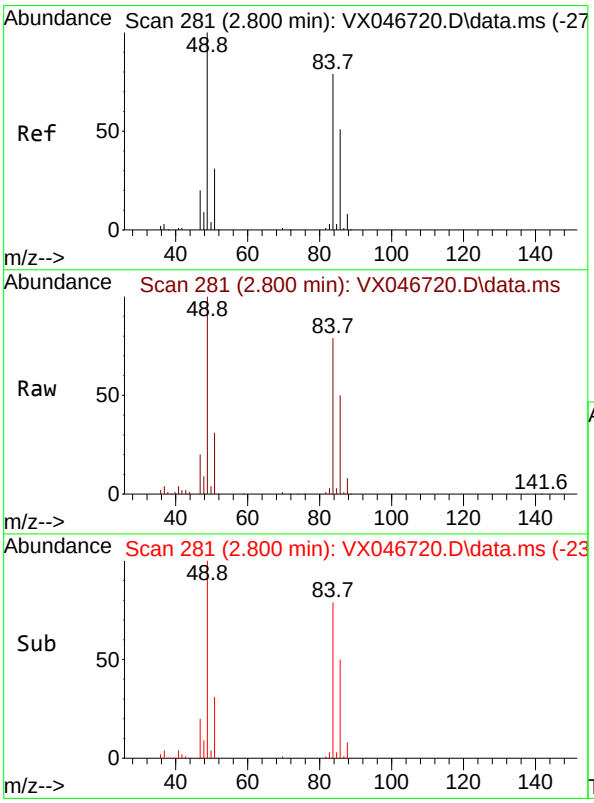
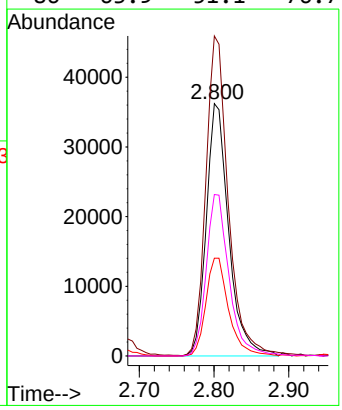
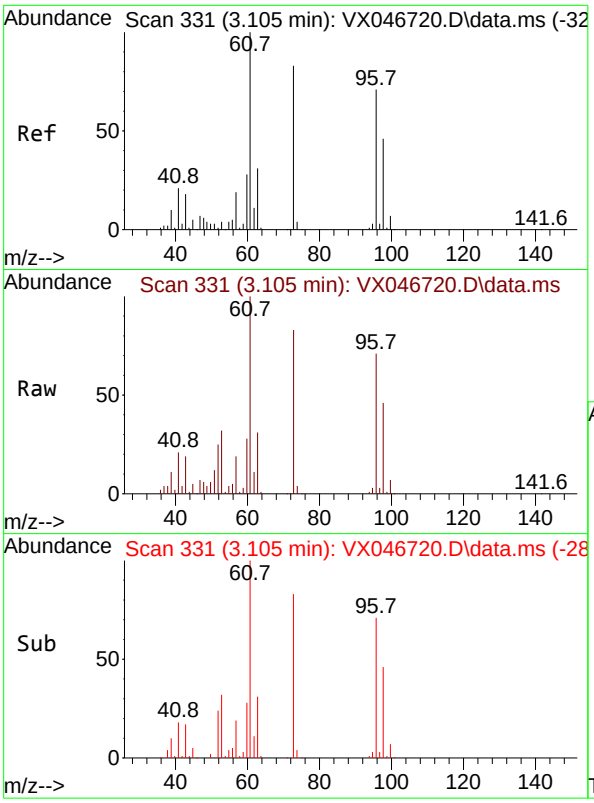


#20
Methylene Chloride
Concen: 47.576 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 84 Resp: 75315

Ion	Ratio	Lower	Upper
84	100		
49	126.6	101.3	151.9
51	38.8	31.0	46.6
86	63.9	51.1	76.7

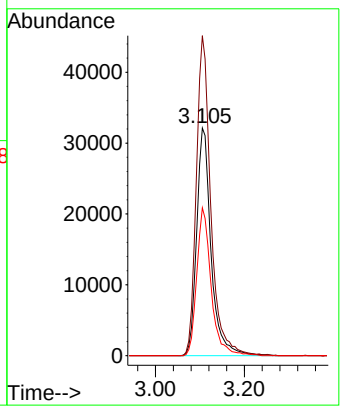




#21
trans-1,2-Dichloroethene
Concen: 49.807 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 96 Resp: 7264

Ion	Ratio	Lower	Upper
96	100		
61	140.6	112.5	168.7
98	64.9	51.9	77.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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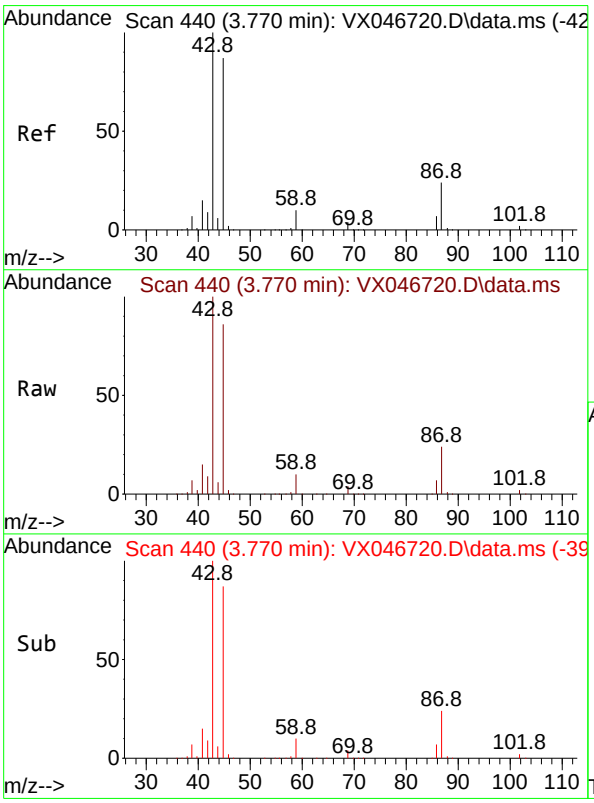
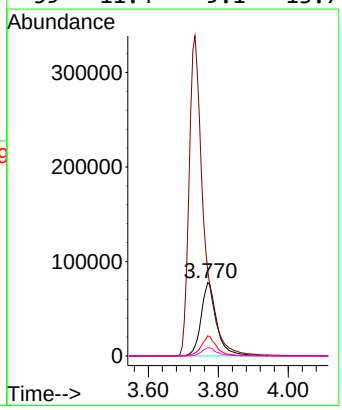
Supervised By :Mahesh Dadoda 06/18/2025

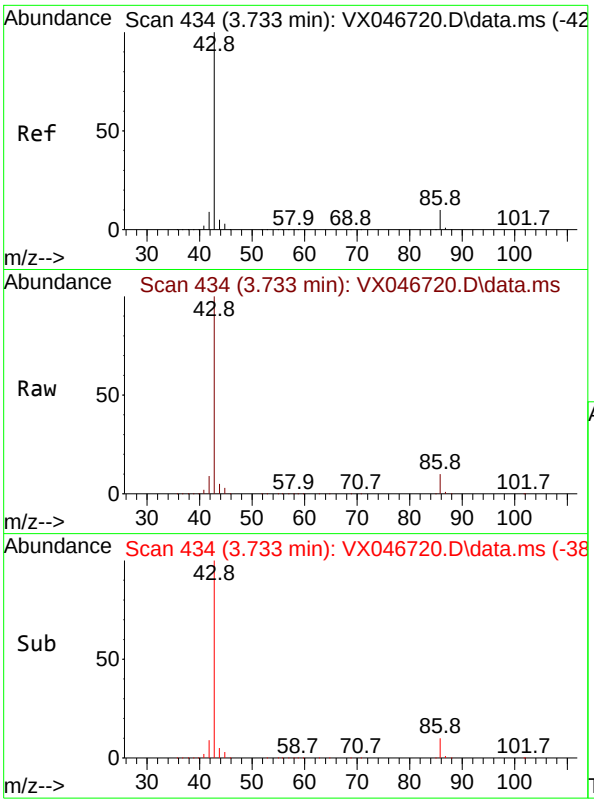


#22
Diisopropyl ether
Concen: 51.143 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 45 Resp: 242789

Ion	Ratio	Lower	Upper
45	100		
43	114.9	91.9	137.9
87	27.5	22.0	33.0
59	11.4	9.1	13.7





#23
Vinyl Acetate
Concen: 260.935 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 43 Resp: 98504

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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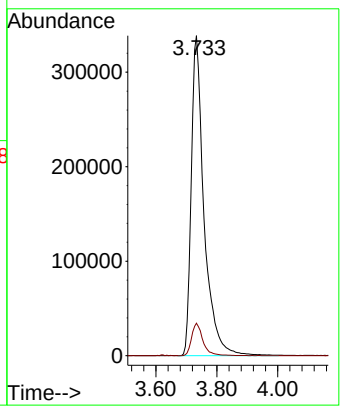
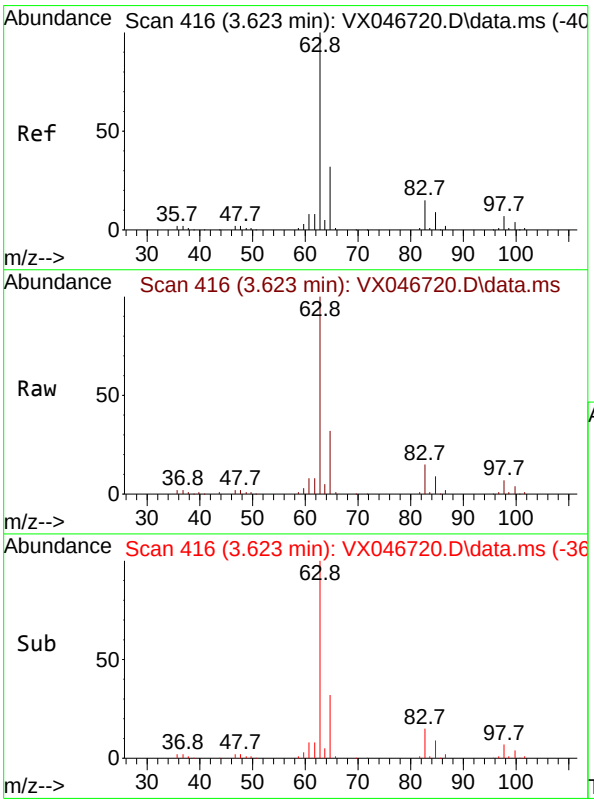
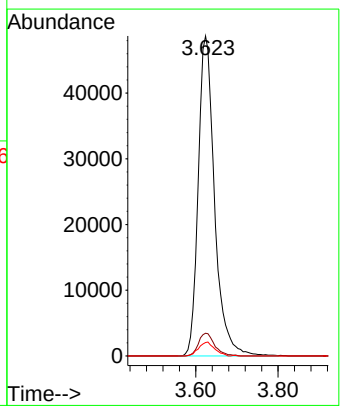


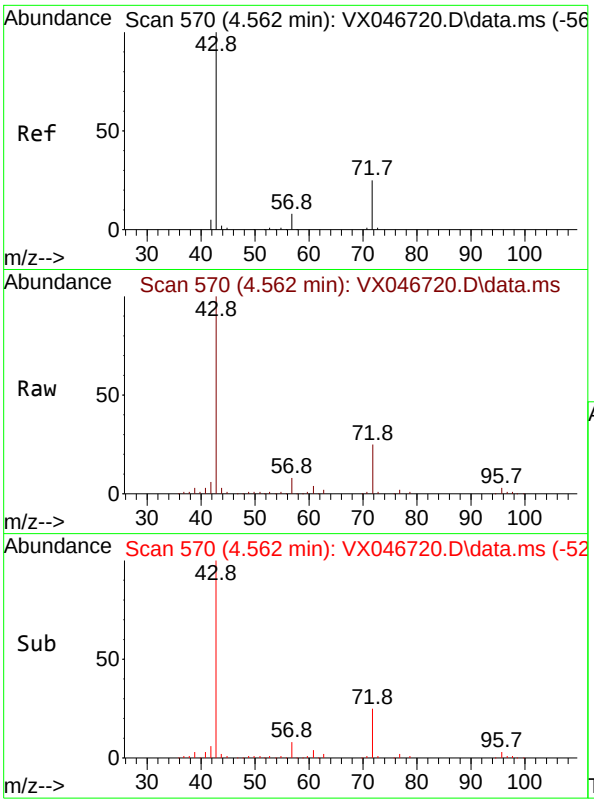


#24
1,1-Dichloroethane
Concen: 49.835 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 63 Resp: 134324

Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.0	11.9
100	4.4	2.2	6.6





#25
2-Butanone
Concen: 258.788 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 43 Resp: 20834

Ion	Ratio	Lower	Upper
43	100		
72	25.3	20.2	30.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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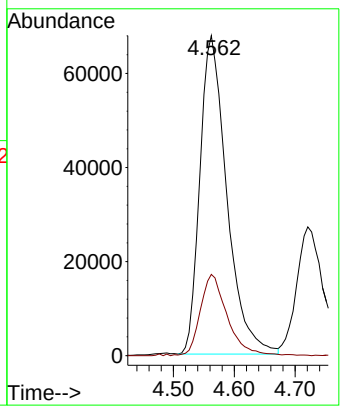
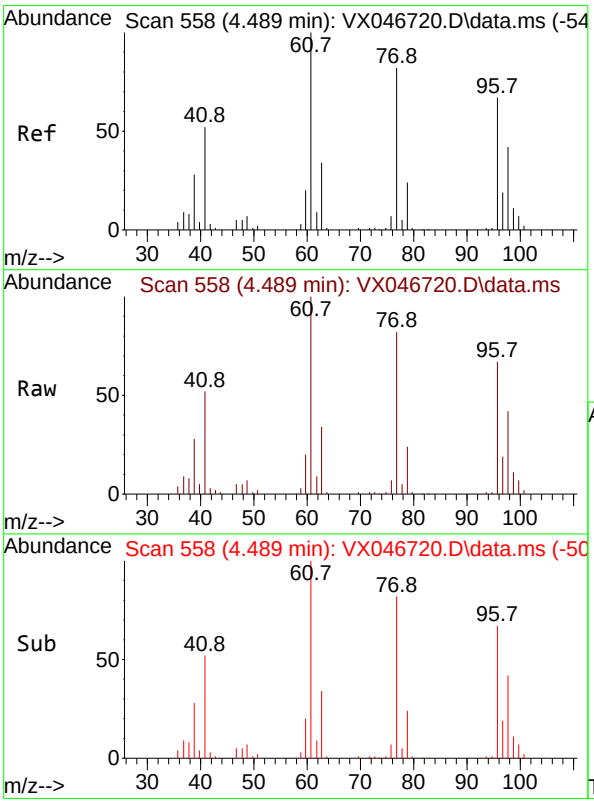
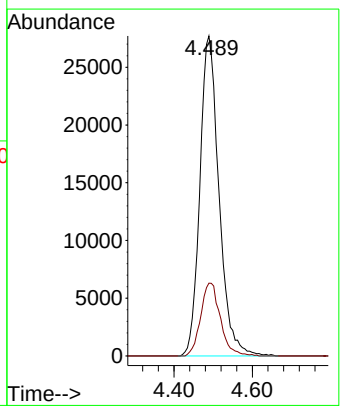


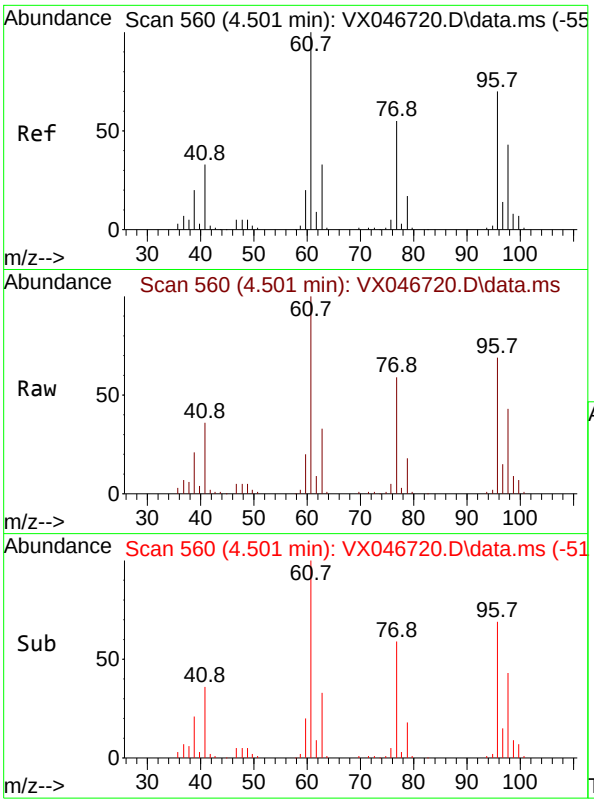


#26
2,2-Dichloropropane
Concen: 47.794 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 77 Resp: 93956

Ion	Ratio	Lower	Upper
77	100		
97	23.5	11.8	35.3





#27
cis-1,2-Dichloroethene
Concen: 49.392 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 96 Resp: 8463

Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	291.0
98	63.4	0.0	126.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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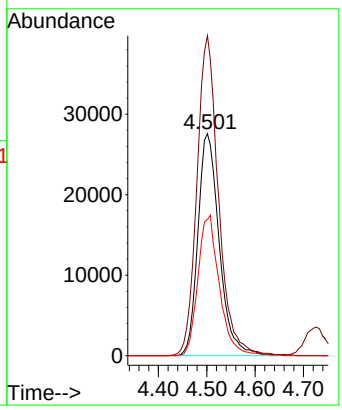
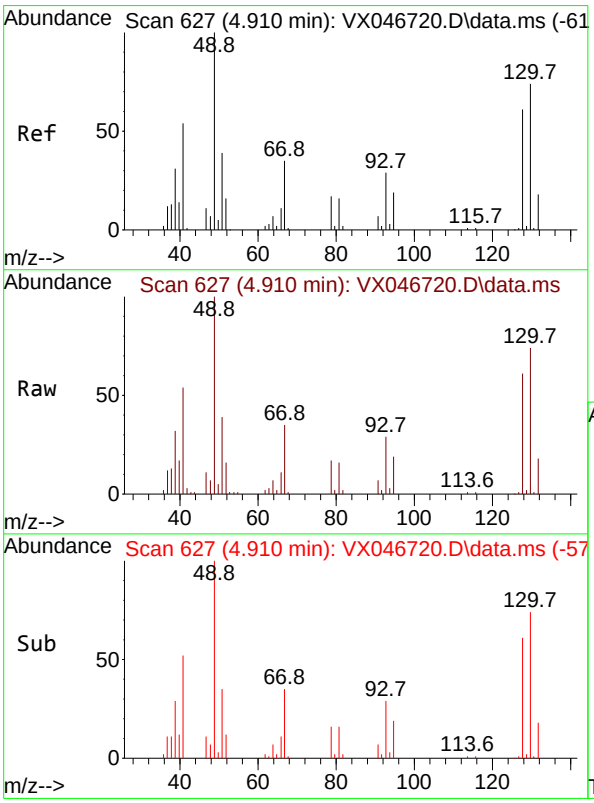
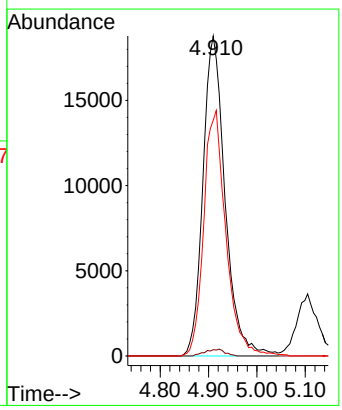


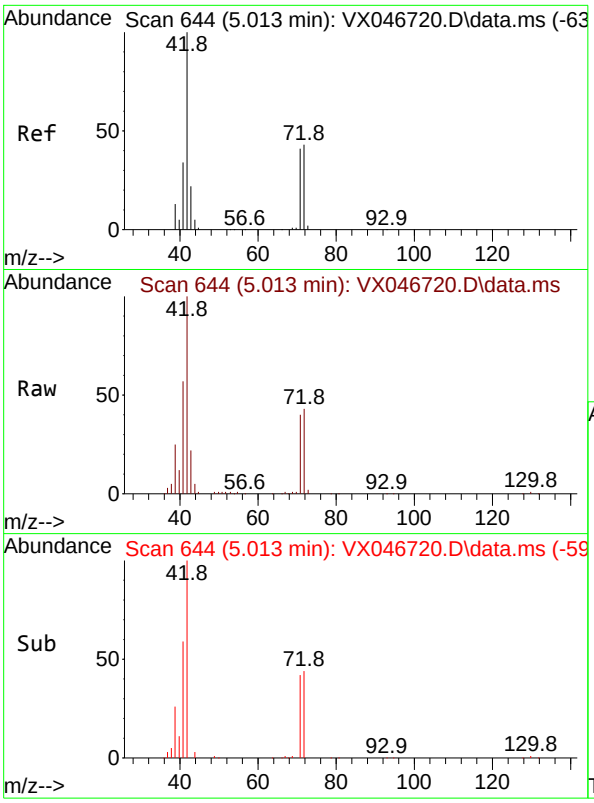


#28
Bromochloromethane
Concen: 48.984 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 49 Resp: 59857

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	76.7	61.4	92.0

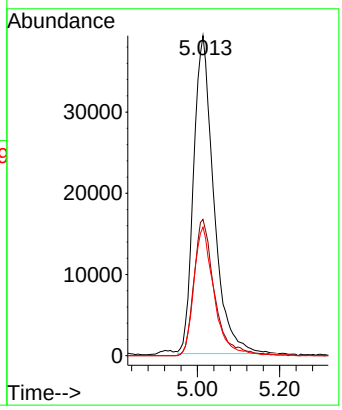




#29
Tetrahydrofuran
Concen: 256.831 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 42 Resp: 13355

Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.9	52.3
71	40.2	32.2	48.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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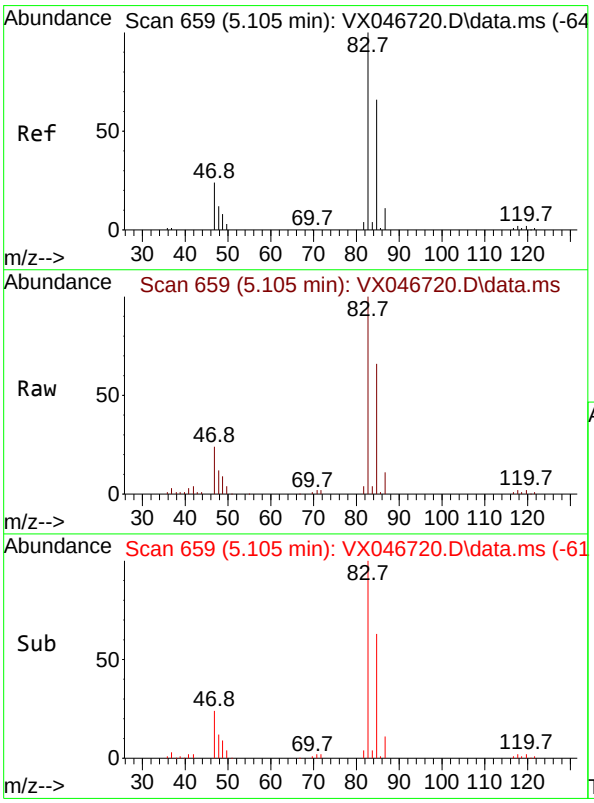
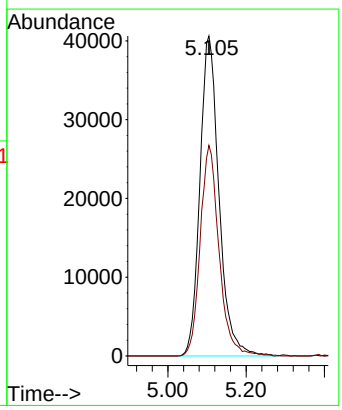
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

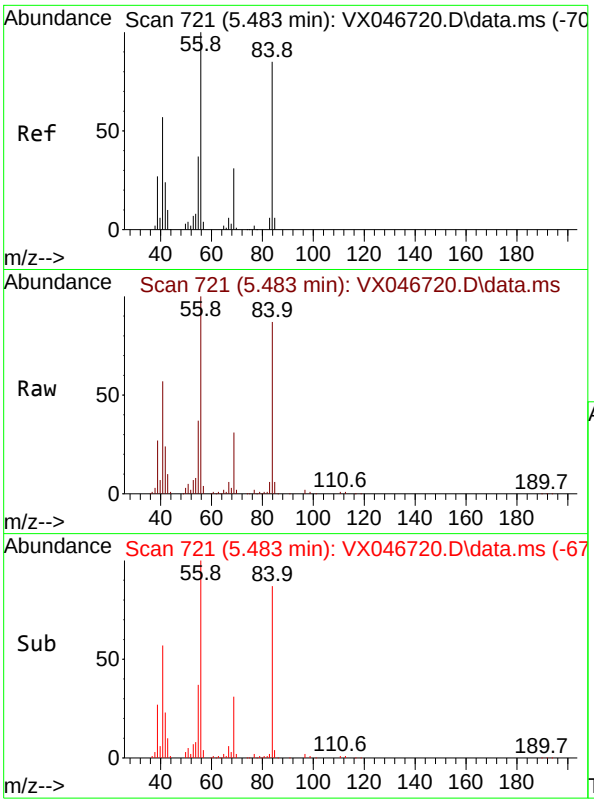


#30
Chloroform
Concen: 50.996 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 83 Resp: 137459

Ion	Ratio	Lower	Upper
83	100		
85	67.1	53.7	80.5





#31
Cyclohexane
Concen: 48.909 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 56 Resp: 12501

Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.8	37.2
84	85.2	68.2	102.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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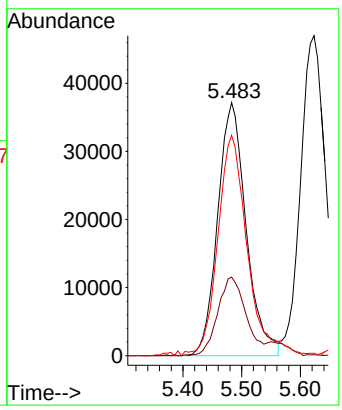
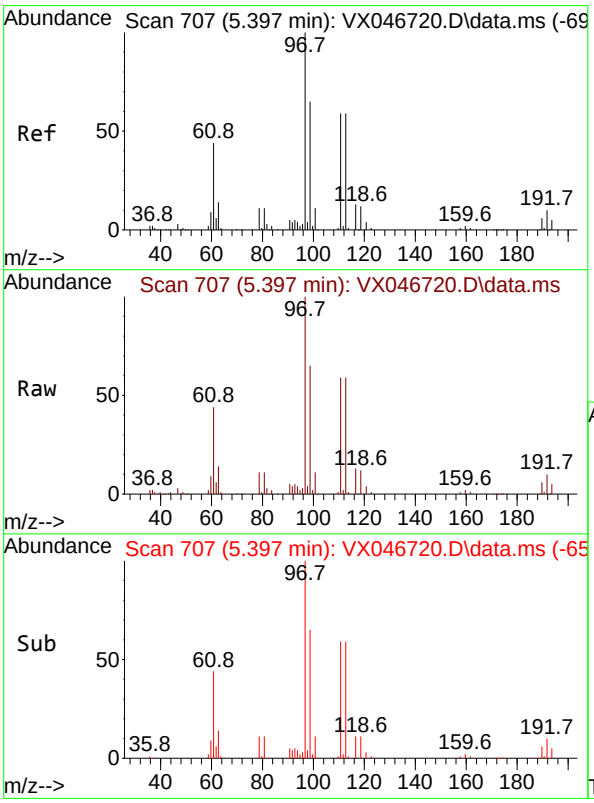
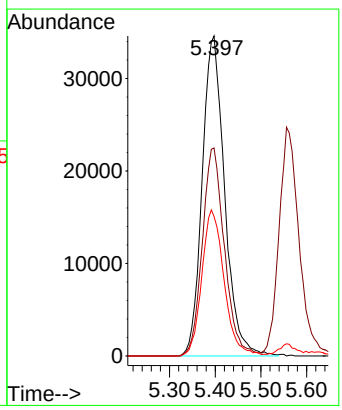


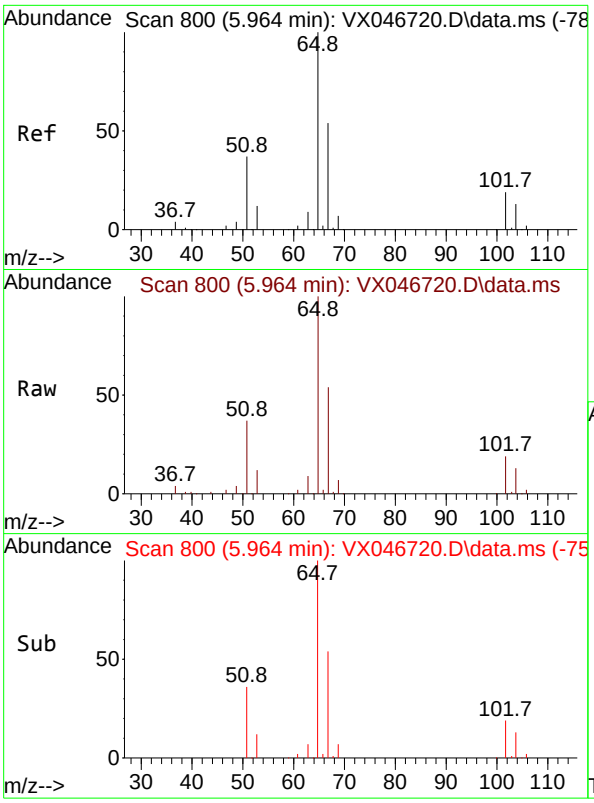


#32
1,1,1-Trichloroethane
Concen: 49.895 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 97 Resp: 117954

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	45.5	36.4	54.6

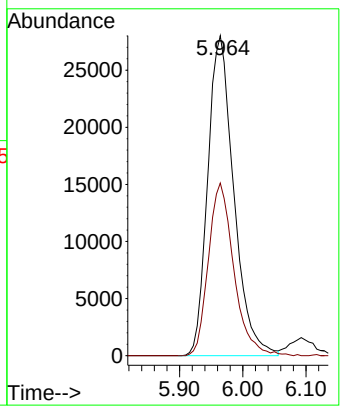




#33
1,2-Dichloroethane-d4
Concen: 46.944 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 65 Resp: 8013

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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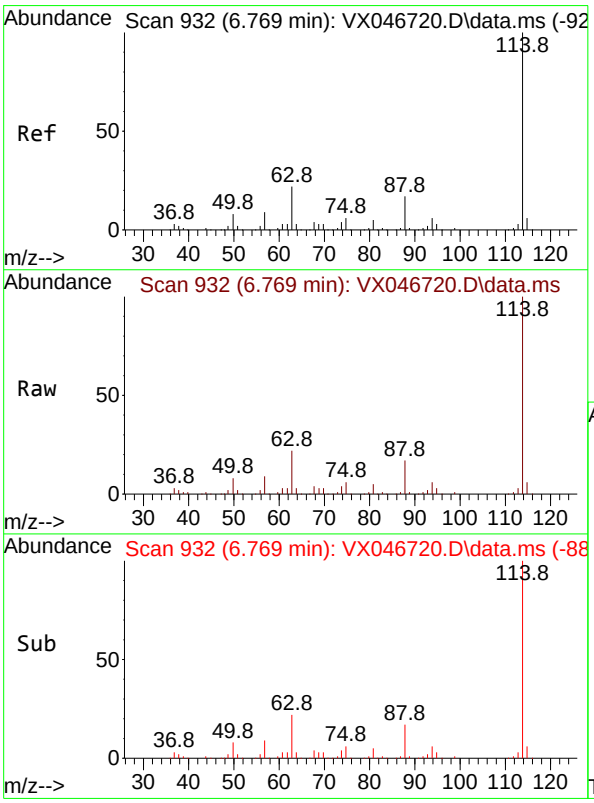
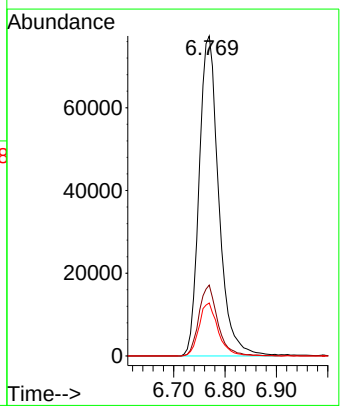
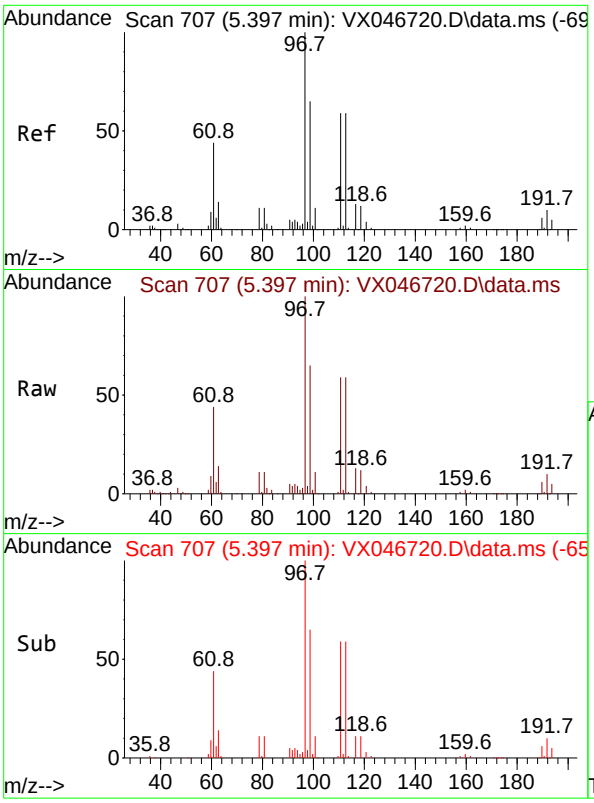


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:114 Resp: 204400

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.2
88	16.6	0.0	33.2

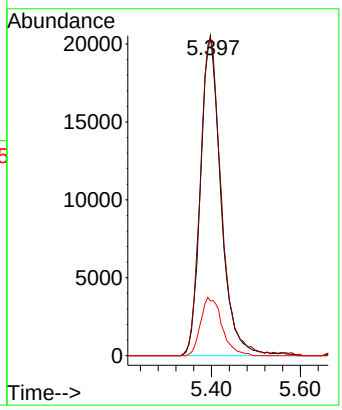




#35
Dibromofluoromethane
Concen: 48.394 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:113 Resp: 6544

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	19.1	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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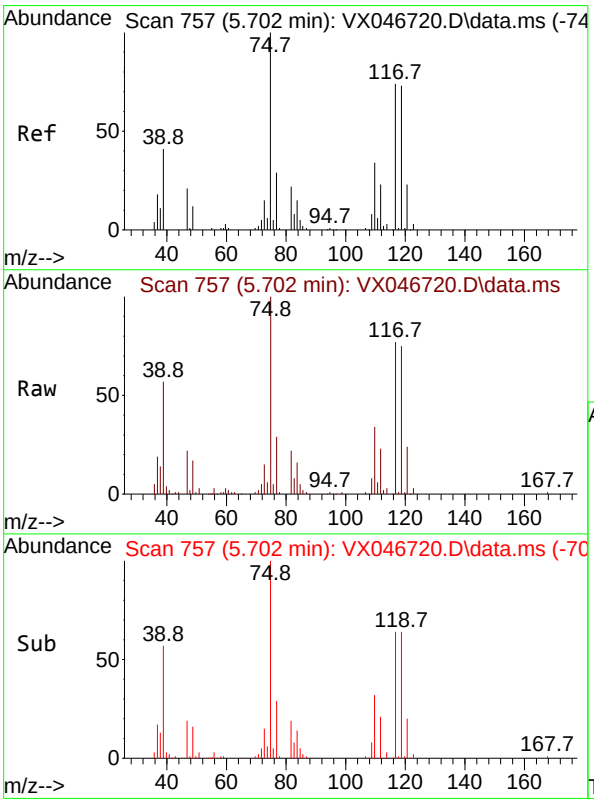
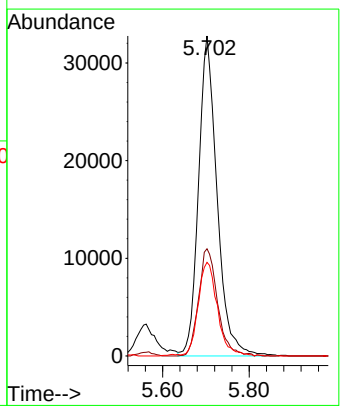
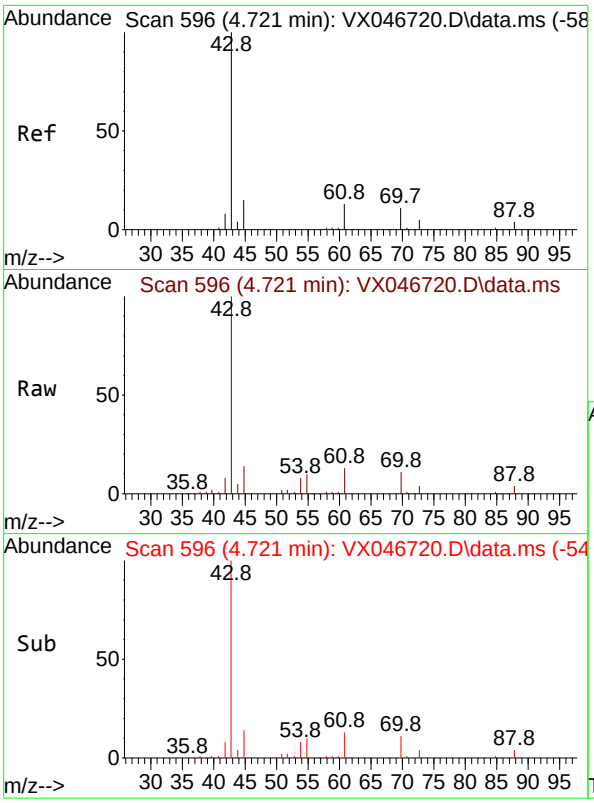


#36
1,1-Dichloropropene
Concen: 49.899 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 75 Resp: 97413

Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.2	51.5
77	30.3	24.2	36.4

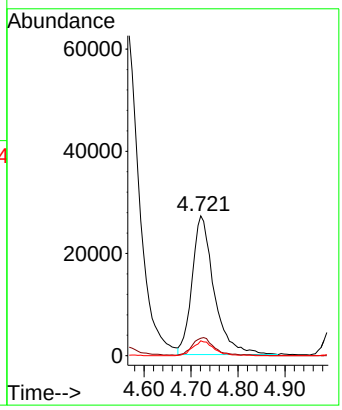




#37
Ethyl Acetate
Concen: 48.877 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 43 Resp: 8807

Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.7	14.5
70	10.1	8.1	12.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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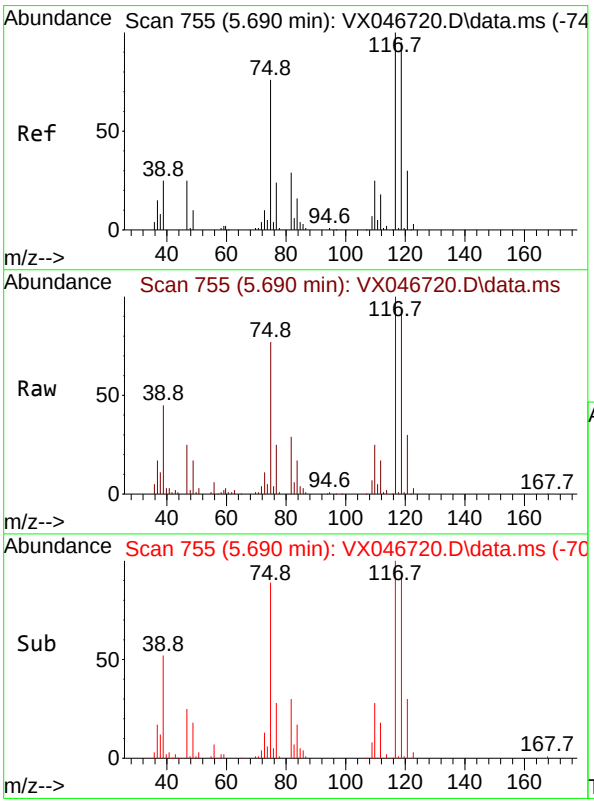
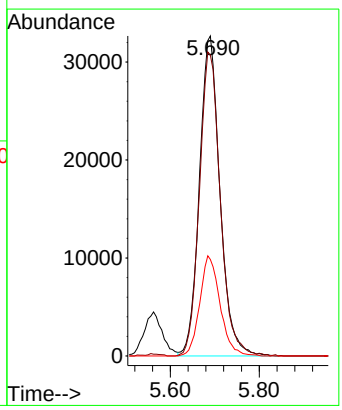
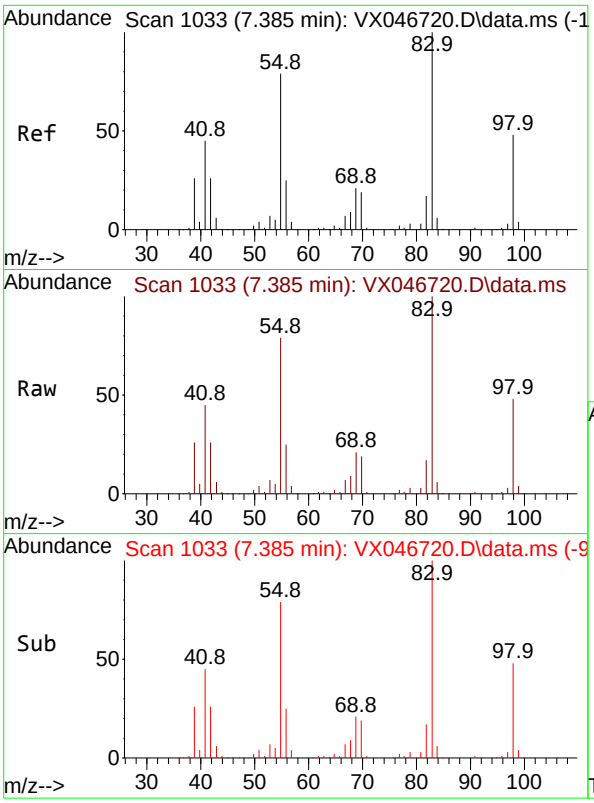


#38
Carbon Tetrachloride
Concen: 49.656 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:117 Resp: 105202

Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.2	112.8
121	30.1	24.1	36.1

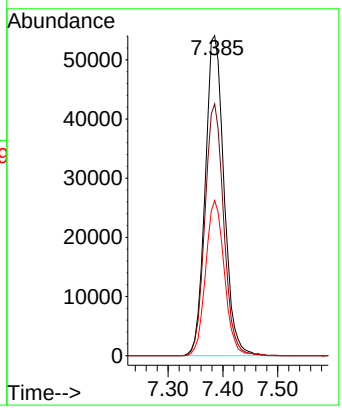




#39
Methylcyclohexane
Concen: 50.041 ug/l
RT: 7.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 83 Resp: 12855

Ion	Ratio	Lower	Upper
83	100		
55	78.7	63.0	94.4
98	48.5	38.8	58.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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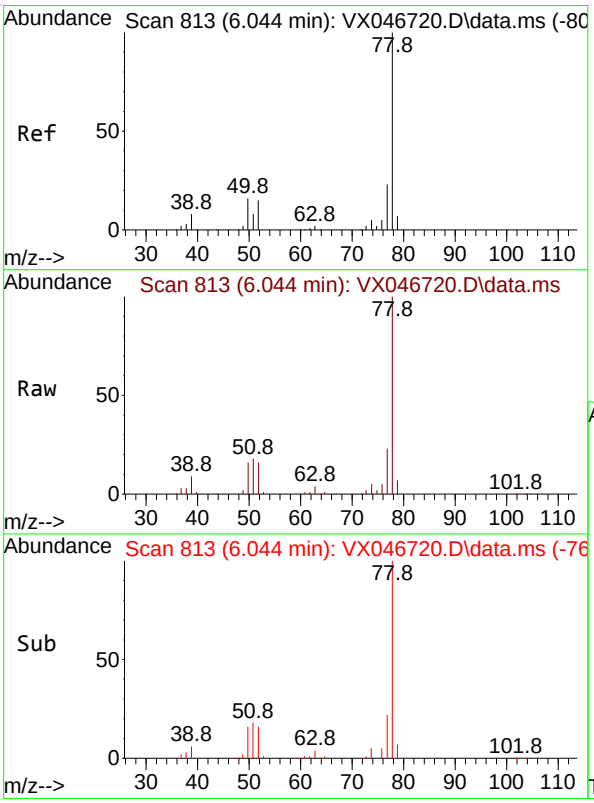
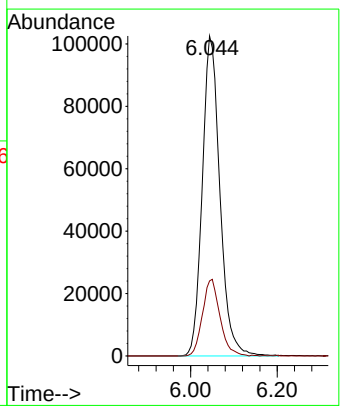
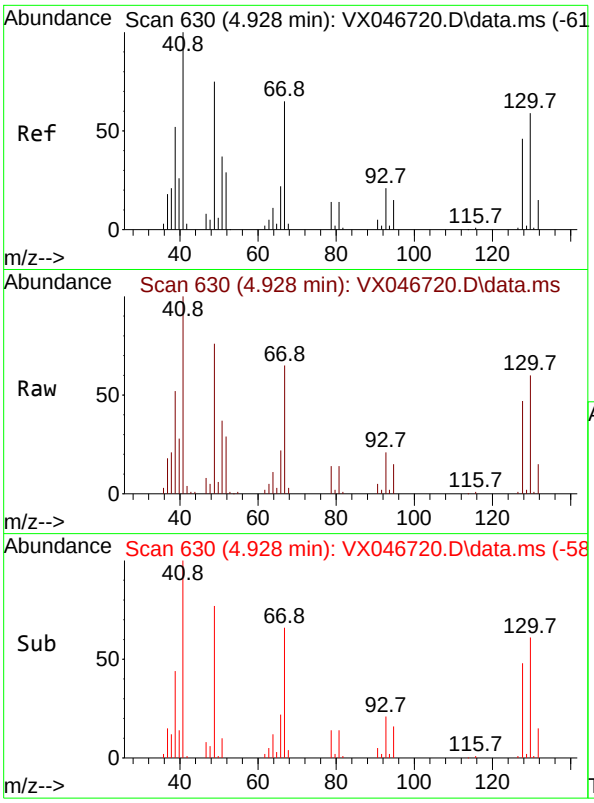


#40
Benzene
Concen: 50.146 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 78 Resp: 289724

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

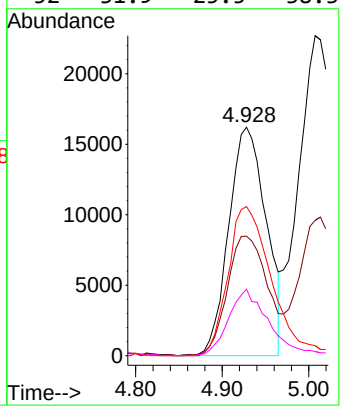




#41
Methacrylonitrile
Concen: 50.762 ug/l
RT: 4.928 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 41 Resp: 4876

Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.9	68.9
67	76.5	61.2	91.8
52	31.9	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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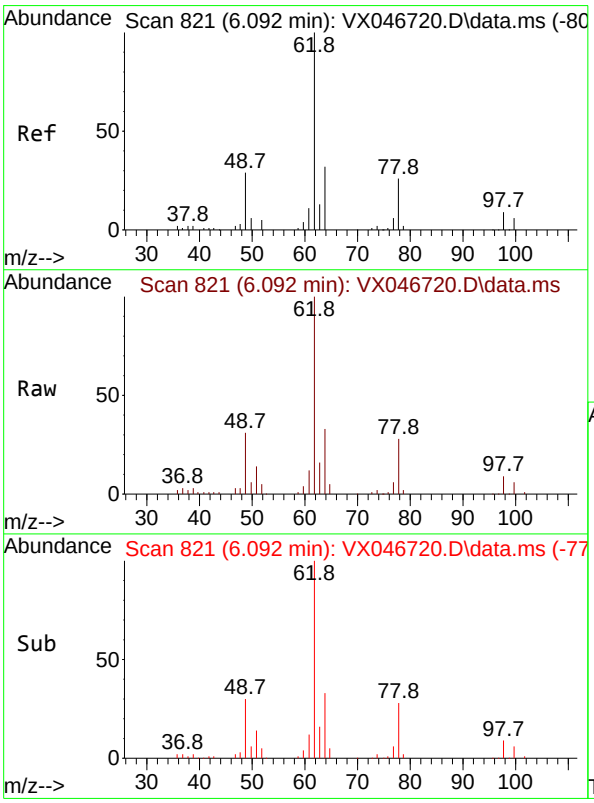
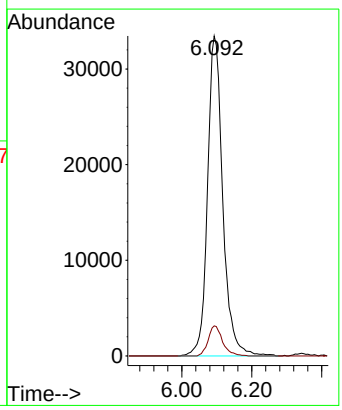
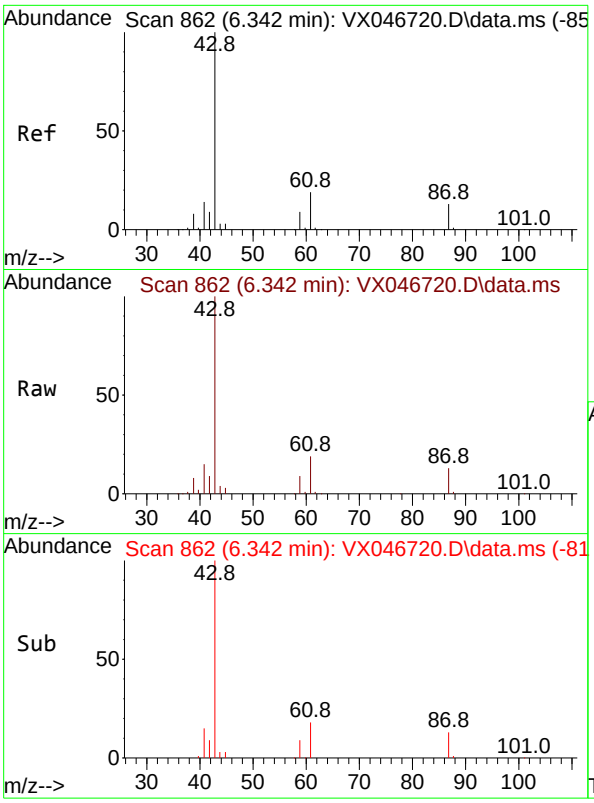


#42
1,2-Dichloroethane
Concen: 49.855 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 62 Resp: 101218

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43
Isopropyl Acetate
Concen: 51.911 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 43 Resp: 14637

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.3	22.9
87	12.5	10.0	15.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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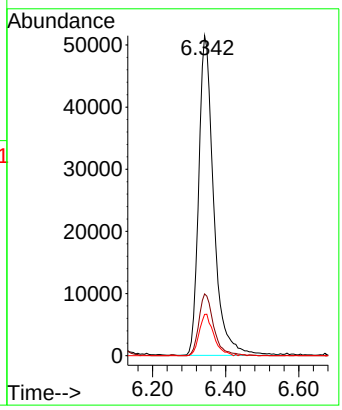
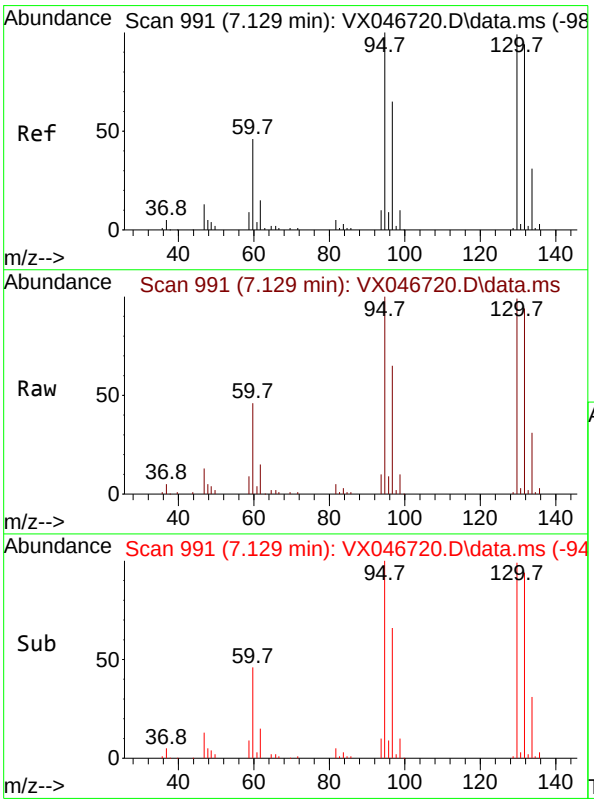
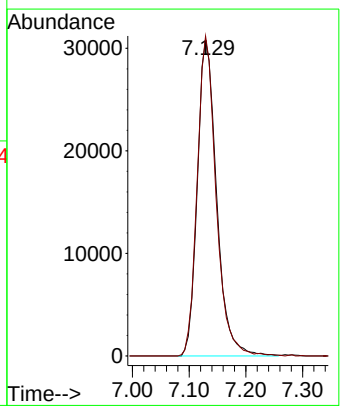


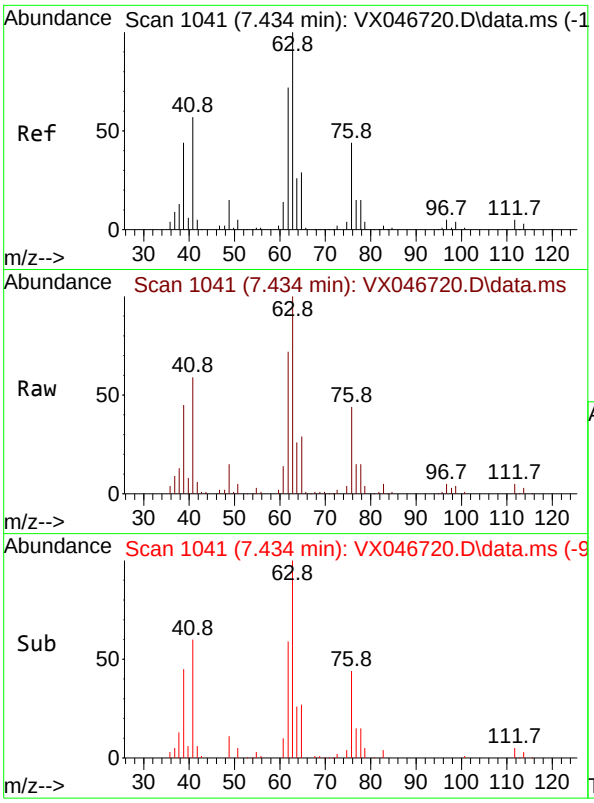


#44
Trichloroethene
Concen: 49.441 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:130 Resp: 72796

Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	202.6





#45
1,2-Dichloropropane
Concen: 49.378 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 63 Resp: 7070

Ion	Ratio	Lower	Upper
63	100		
65	28.6	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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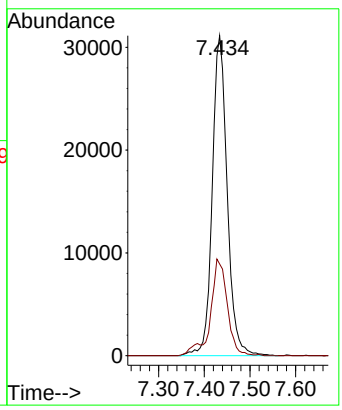
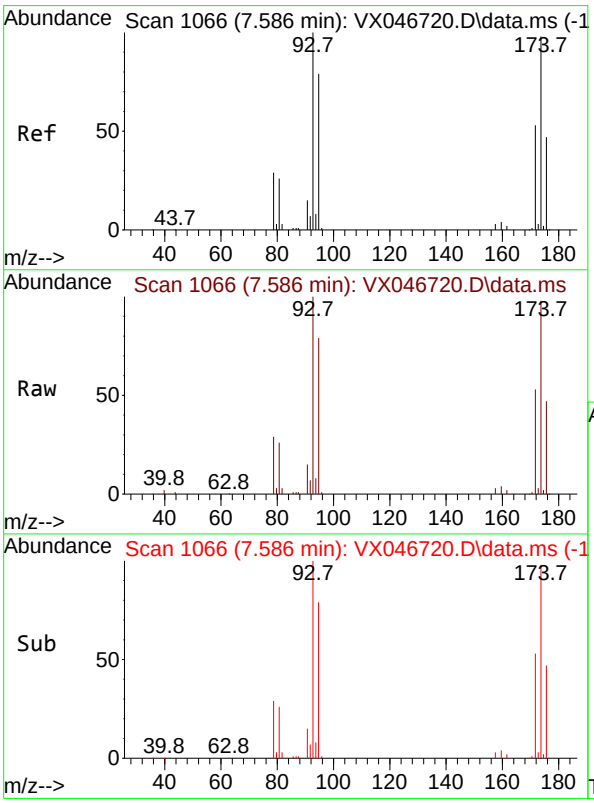
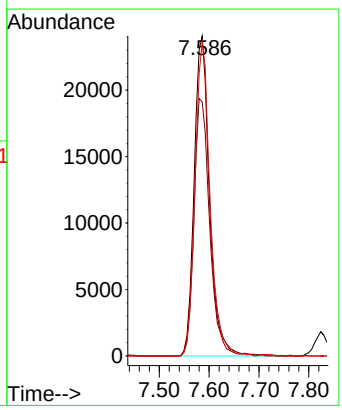


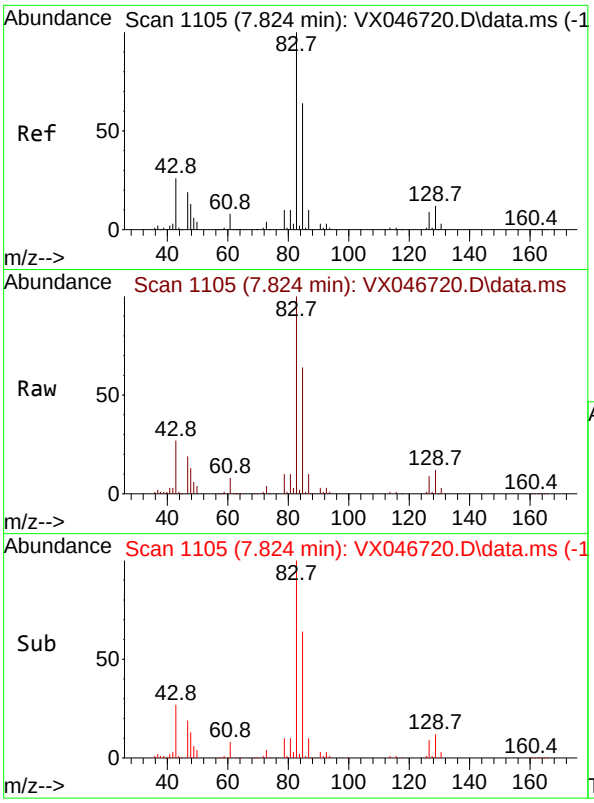


#46
Dibromomethane
Concen: 49.840 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 93 Resp: 51288

Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.2	99.4
174	96.3	77.0	115.6





#47
Bromodichloromethane
Concen: 50.787 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 83 Resp: 10665

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2
127	8.6	6.9	10.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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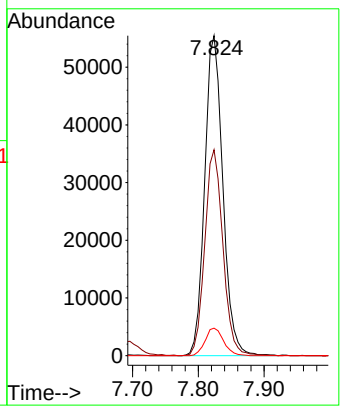
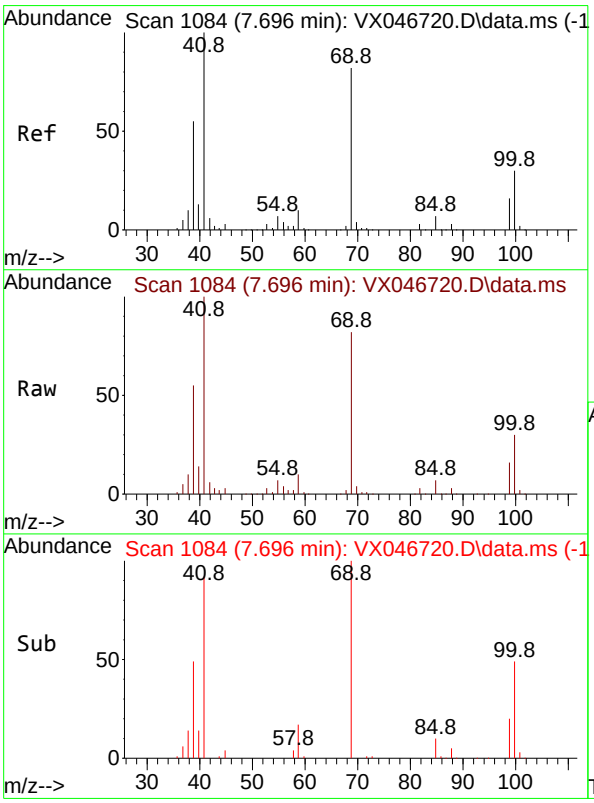
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

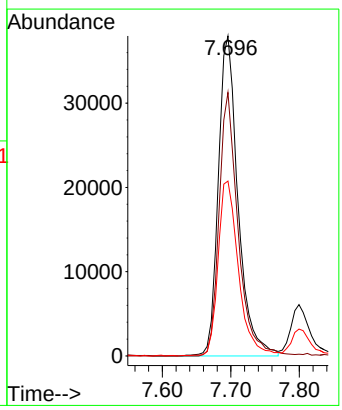


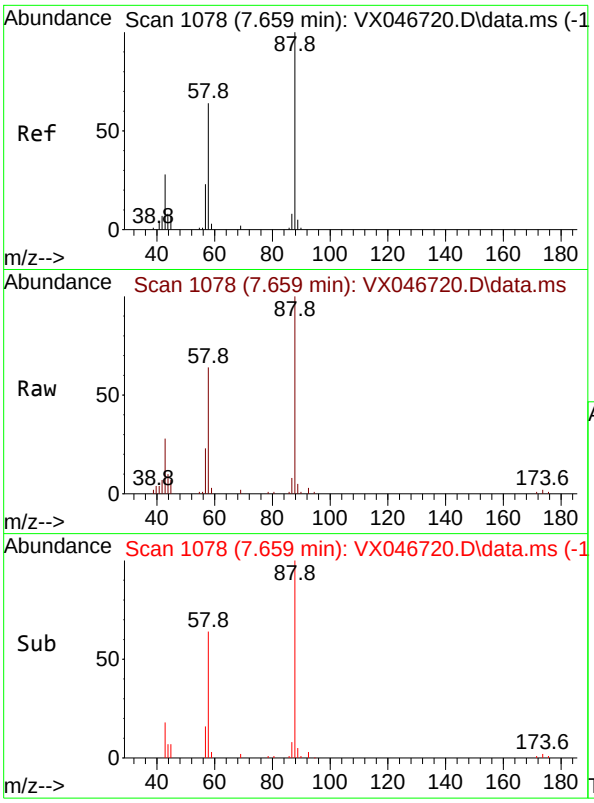


#48
Methyl methacrylate
Concen: 53.535 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 41 Resp: 75708

Ion	Ratio	Lower	Upper
41	100		
69	79.3	63.4	95.2
39	56.7	45.4	68.0





#49
1,4-Dioxane
Concen: 962.534 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 88 Resp: 1980

Ion	Ratio	Lower	Upper
88	100		
43	39.0	31.2	46.8
58	68.4	54.7	82.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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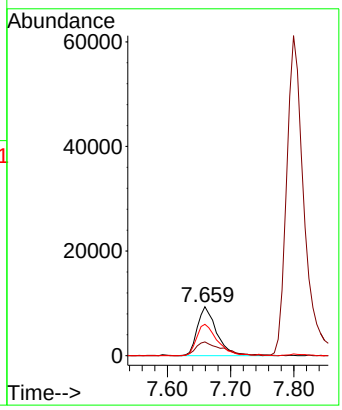
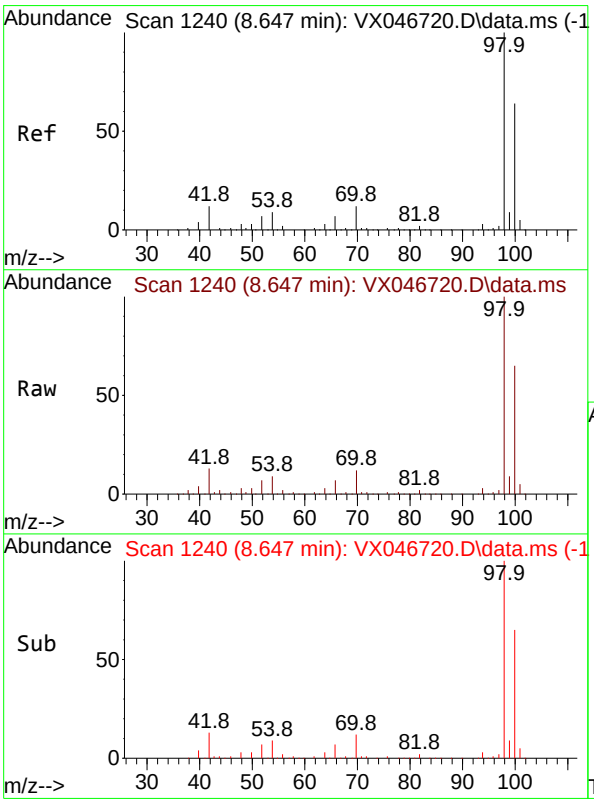
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

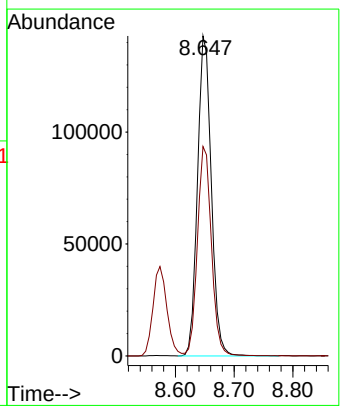


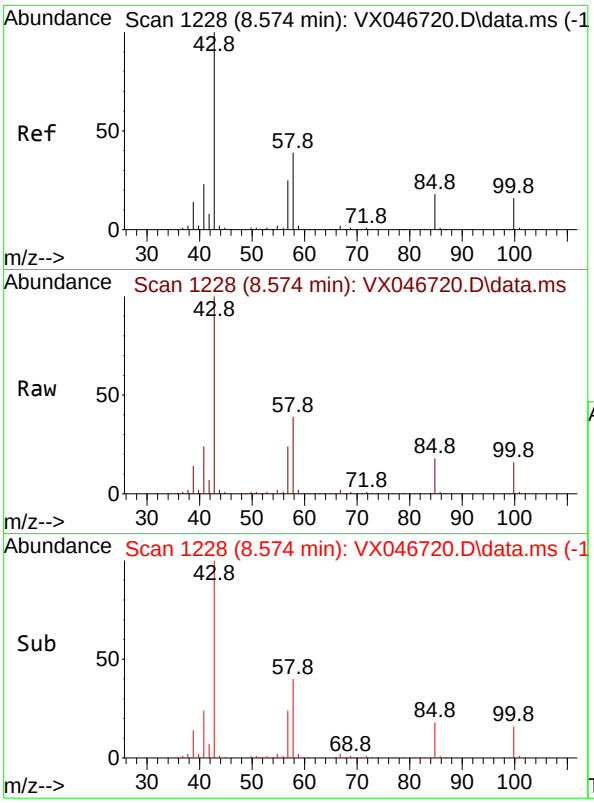


#50
Toluene-d8
Concen: 48.124 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 98 Resp: 233825

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

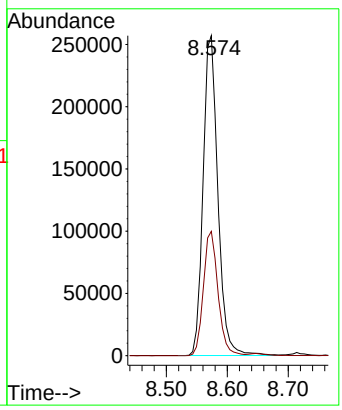




#51
4-Methyl-2-Pentanone
Concen: 258.656 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 43 Resp: 43500

Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.8	46.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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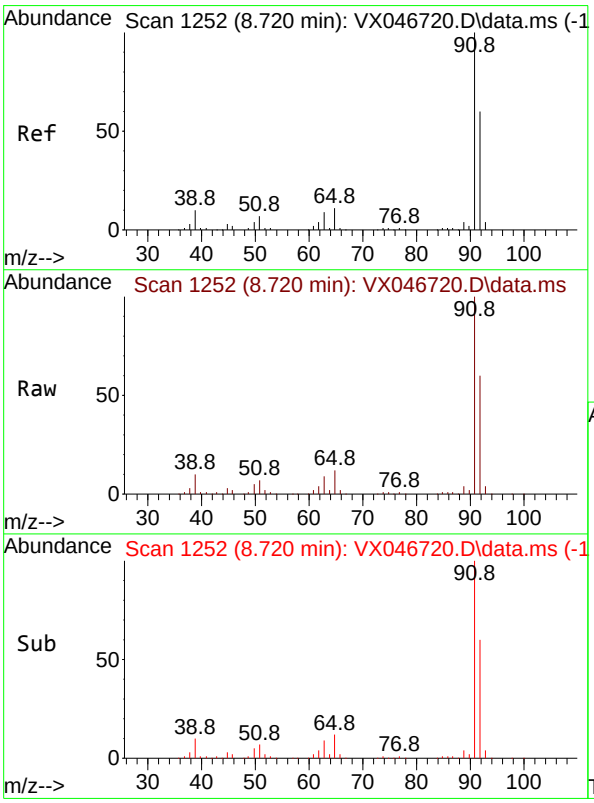
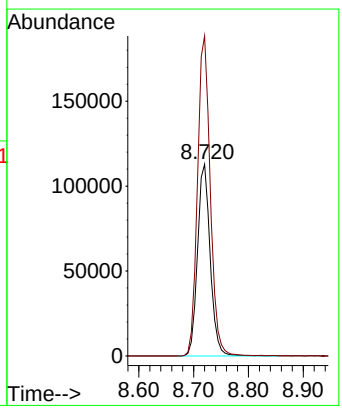
Supervised By :Mahesh Dadoda 06/18/2025

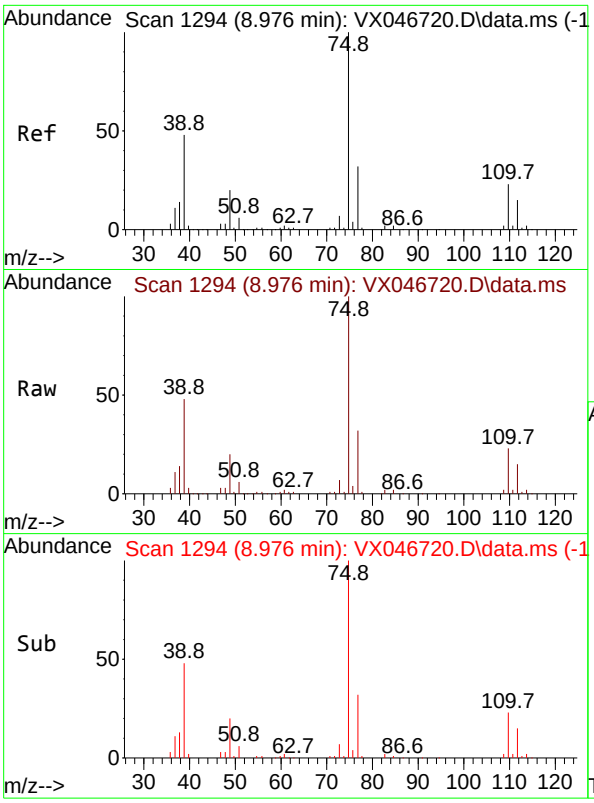


#52
Toluene
Concen: 50.650 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 92 Resp: 181414

Ion	Ratio	Lower	Upper
92	100		
91	168.5	134.8	202.2

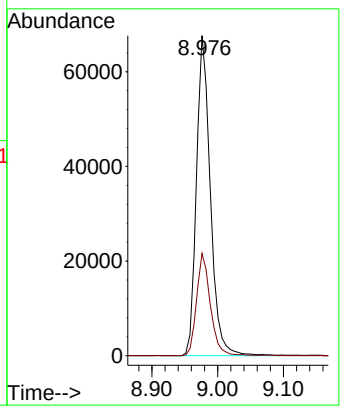




#53
t-1,3-Dichloropropene
Concen: 51.183 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 75 Resp: 9972

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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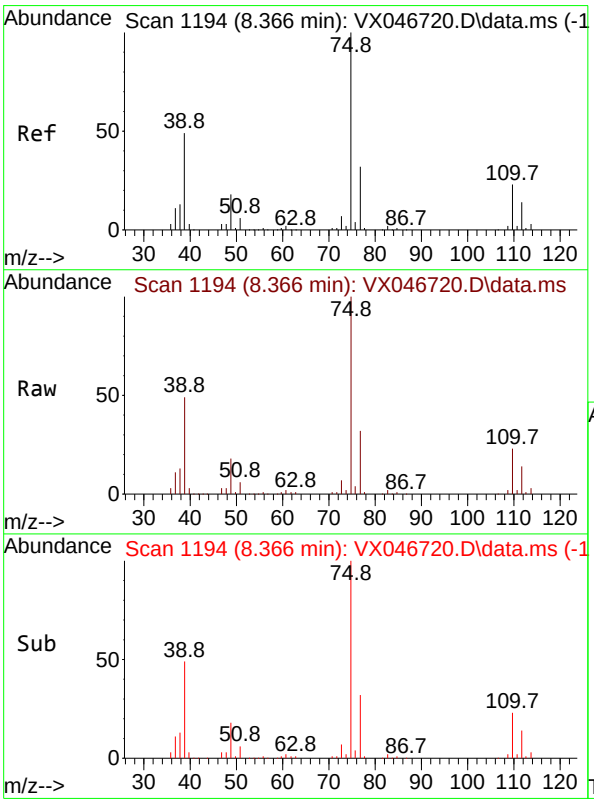
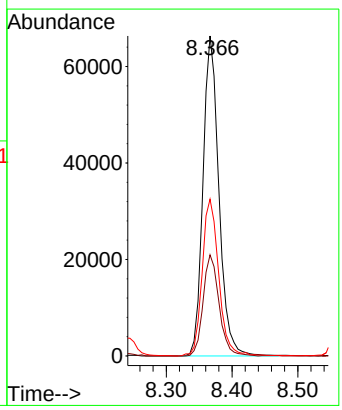
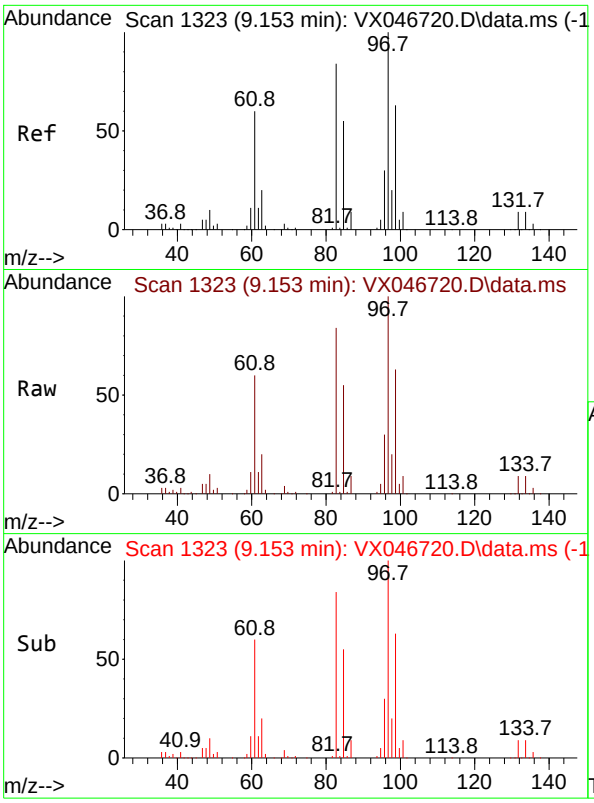


#54
cis-1,3-Dichloropropene
Concen: 50.598 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 75 Resp: 111917

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	49.0	39.2	58.8

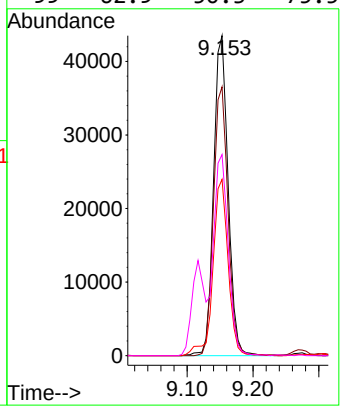




#55
1,1,2-Trichloroethane
Concen: 49.963 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 97 Resp: 6668

Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.2	100.8
85	55.1	44.1	66.1
99	62.9	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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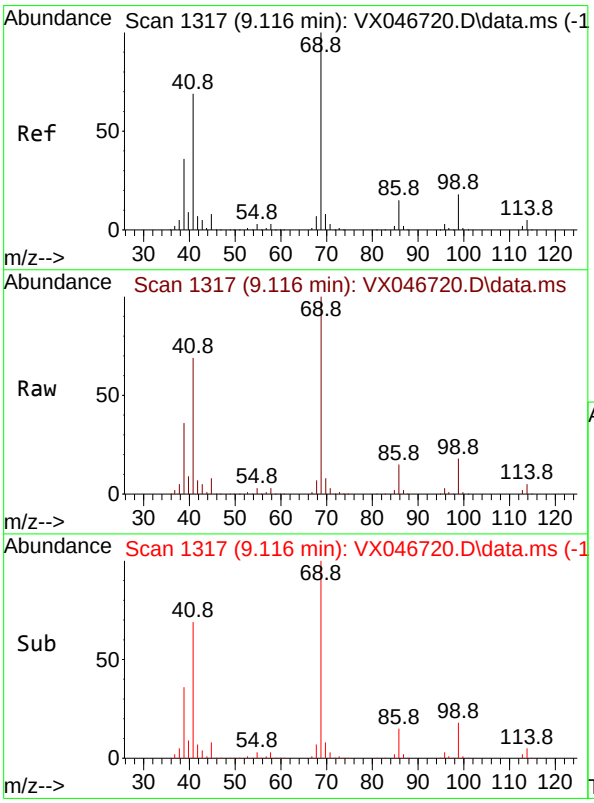
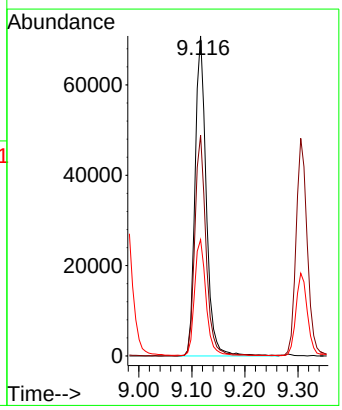
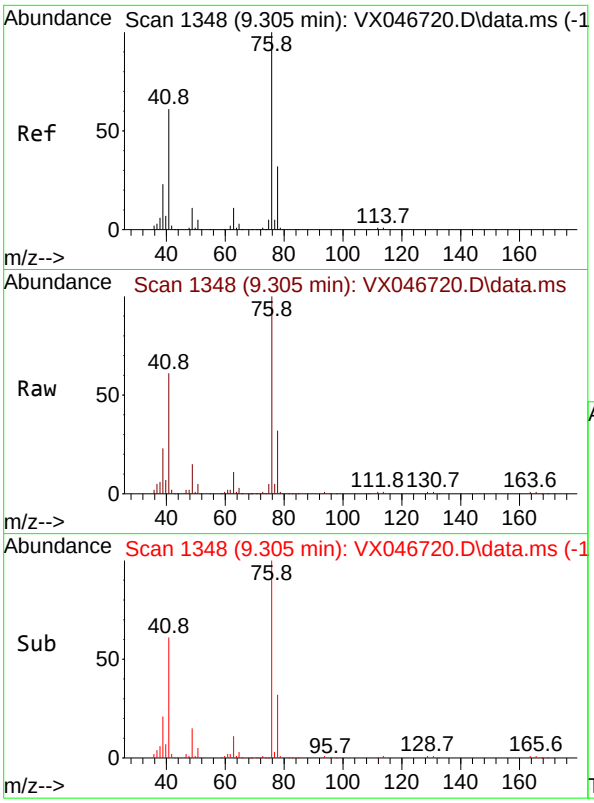


#56
Ethyl methacrylate
Concen: 52.629 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 69 Resp: 103697

Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	37.1	29.7	44.5





#57
1,3-Dichloropropane
Concen: 49.955 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 76 Resp: 11482

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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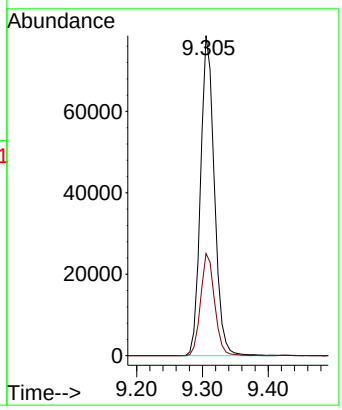
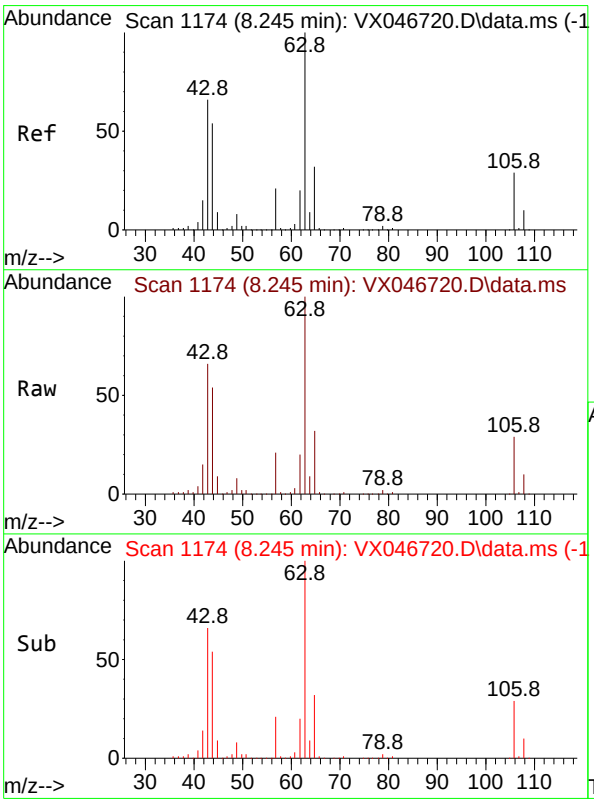
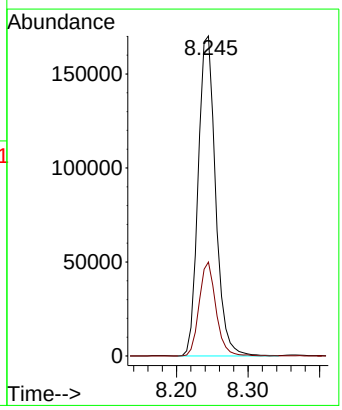


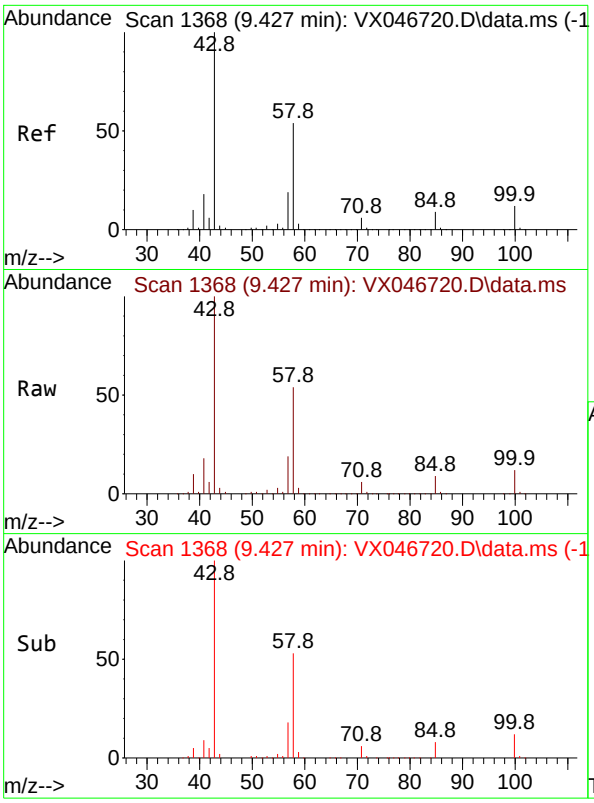


#58
2-Chloroethyl Vinyl ether
Concen: 280.927 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 63 Resp: 287531

Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.6	34.0





#59
2-Hexanone
Concen: 260.883 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 43 Resp: 30332

Ion	Ratio	Lower	Upper
43	100		
58	53.6	26.8	80.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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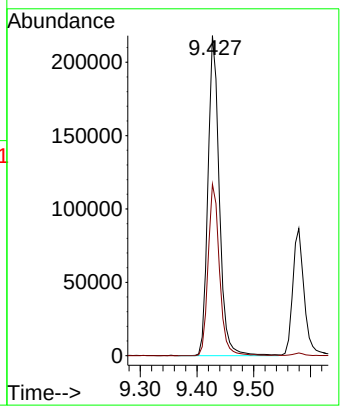
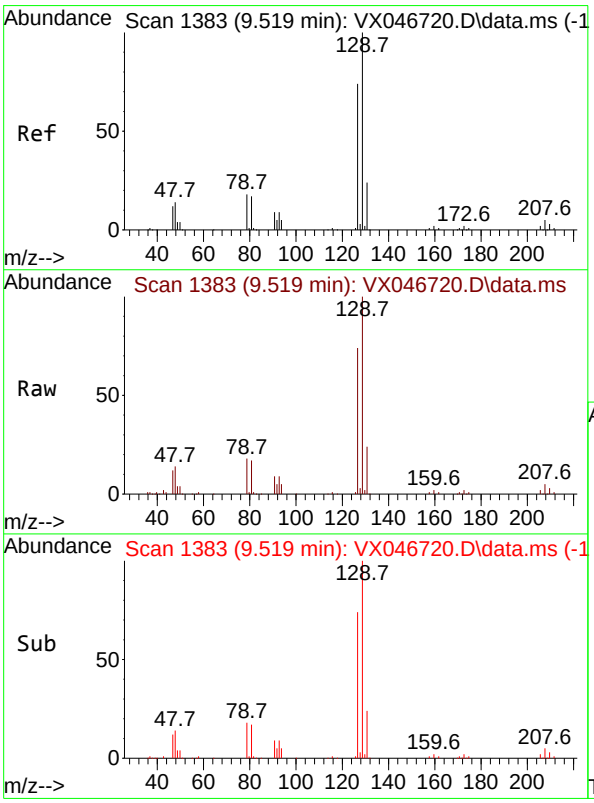
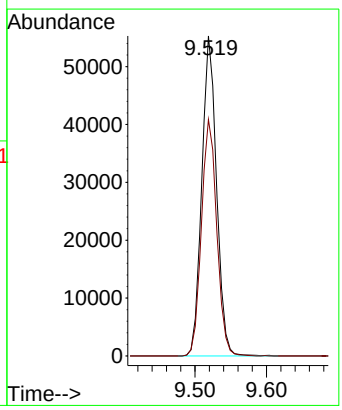


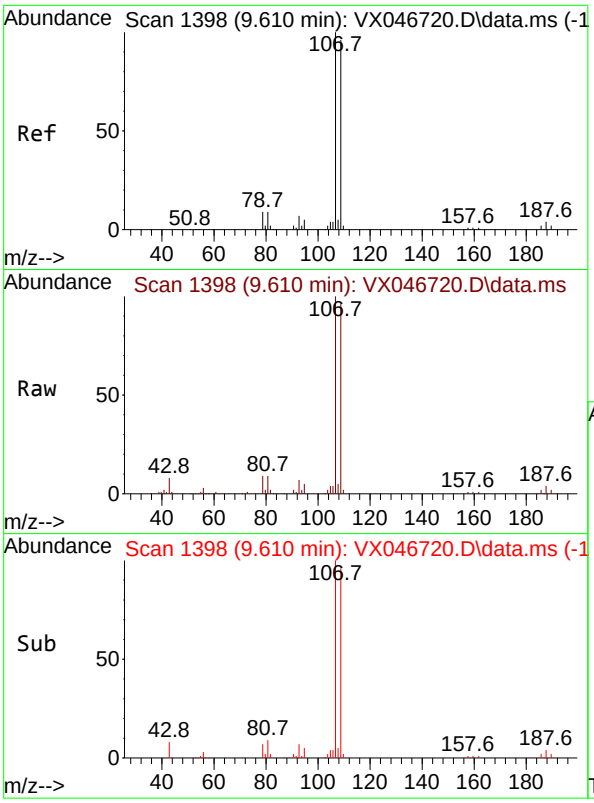


#60
Dibromochloromethane
Concen: 50.368 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:129 Resp: 79227

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2





#61
1,2-Dibromoethane
Concen: 50.464 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:107 Resp: 6851

Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.8	113.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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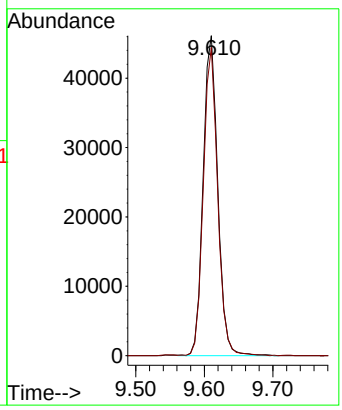
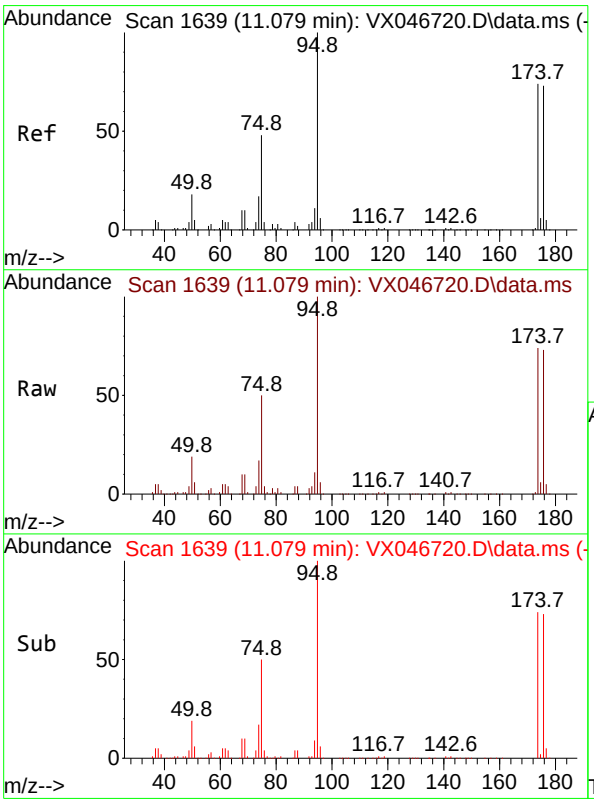
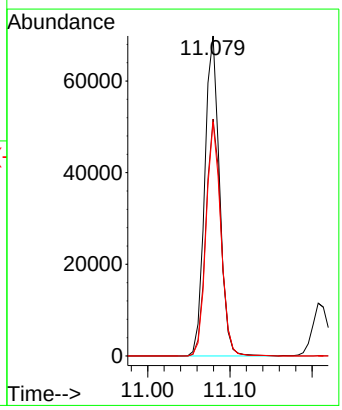


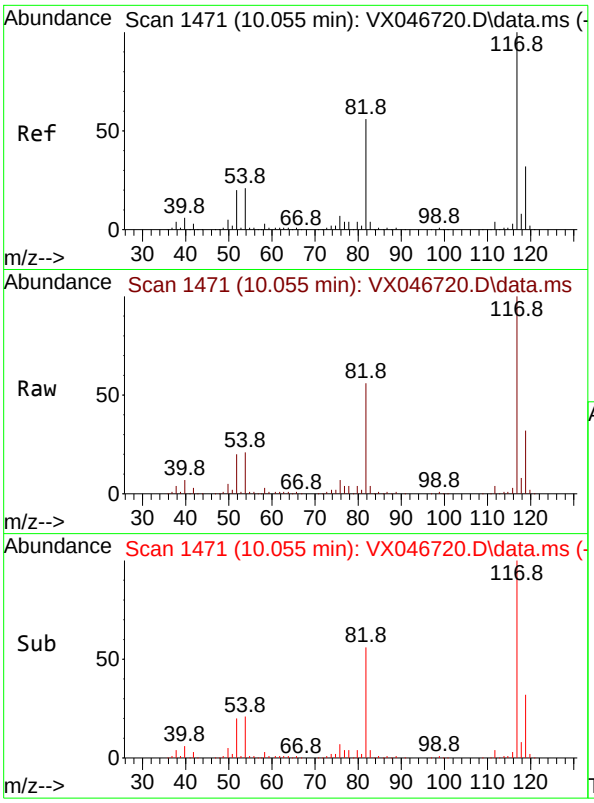


#62
4-Bromofluorobenzene
Concen: 48.107 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 95 Resp: 87131

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	150.4
176	72.5	0.0	145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:117 Resp: 17940

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	32.3	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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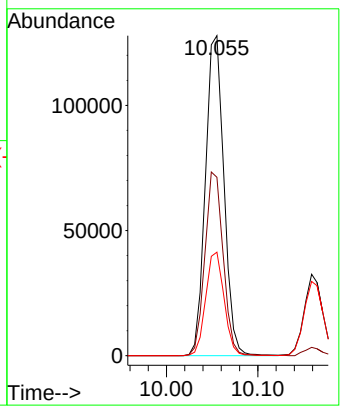
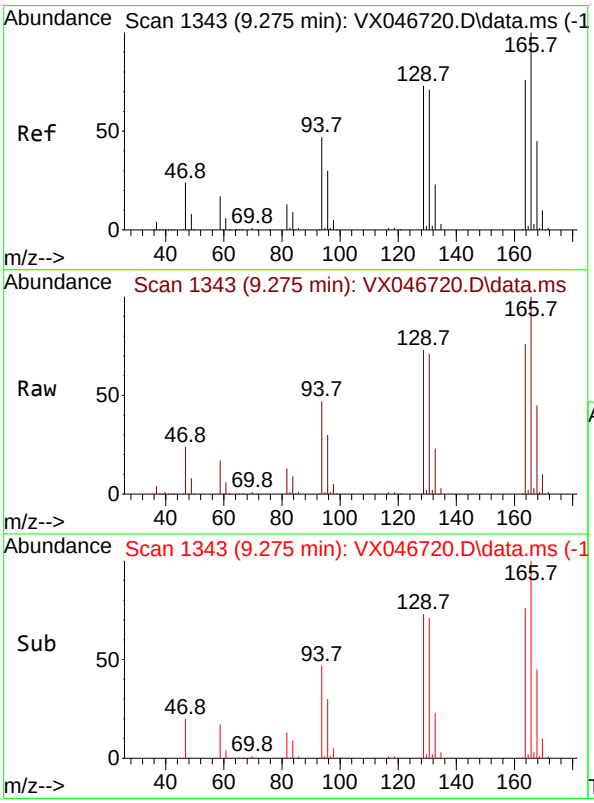
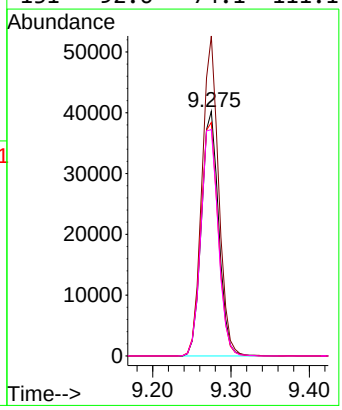


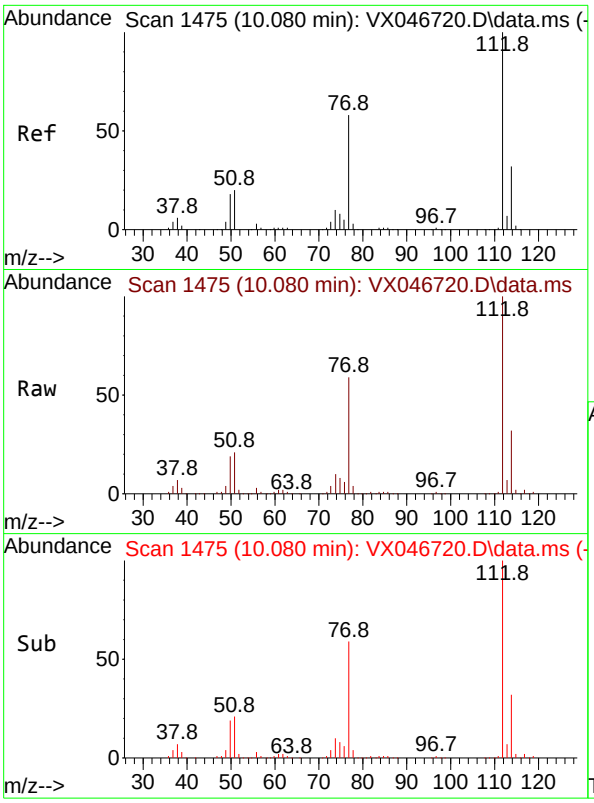


#64
Tetrachloroethene
Concen: 49.115 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:164 Resp: 61048

Ion	Ratio	Lower	Upper
164	100		
166	130.8	104.6	157.0
129	95.4	76.3	114.5
131	92.6	74.1	111.1

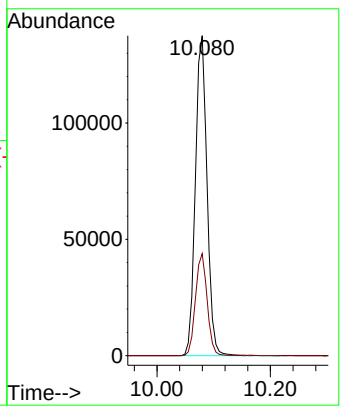




#65
Chlorobenzene
Concen: 49.429 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:112 Resp: 19575

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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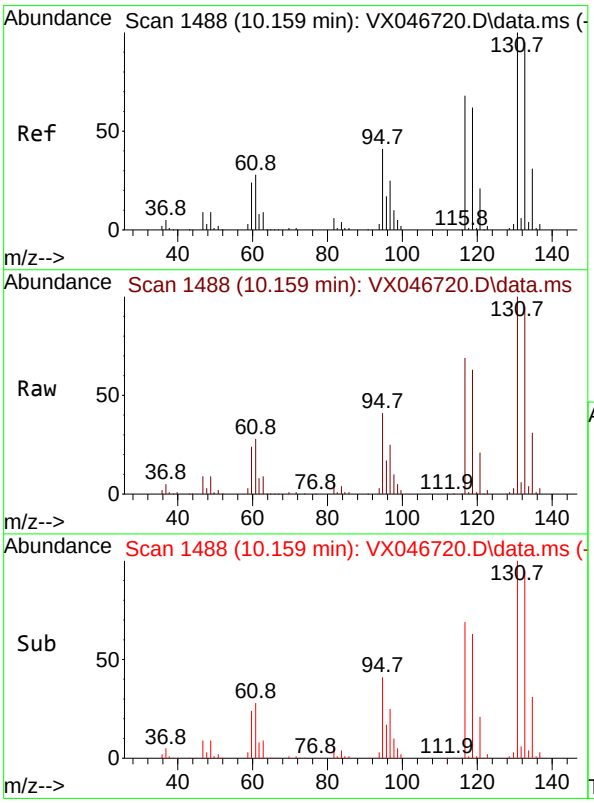
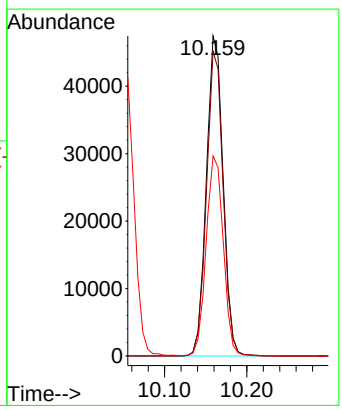
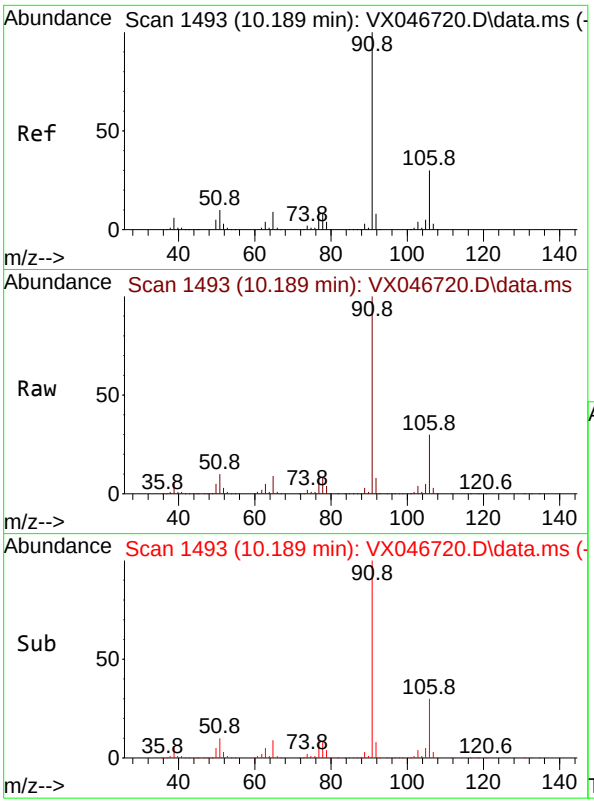


#66
1,1,1,2-Tetrachloroethane
Concen: 50.341 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:131 Resp: 67004

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	64.2	32.1	96.3





#67
Ethyl Benzene
Concen: 50.119 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 91 Resp: 34681

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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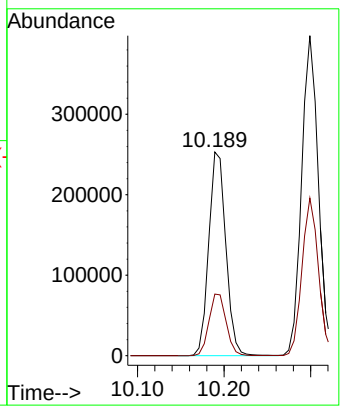
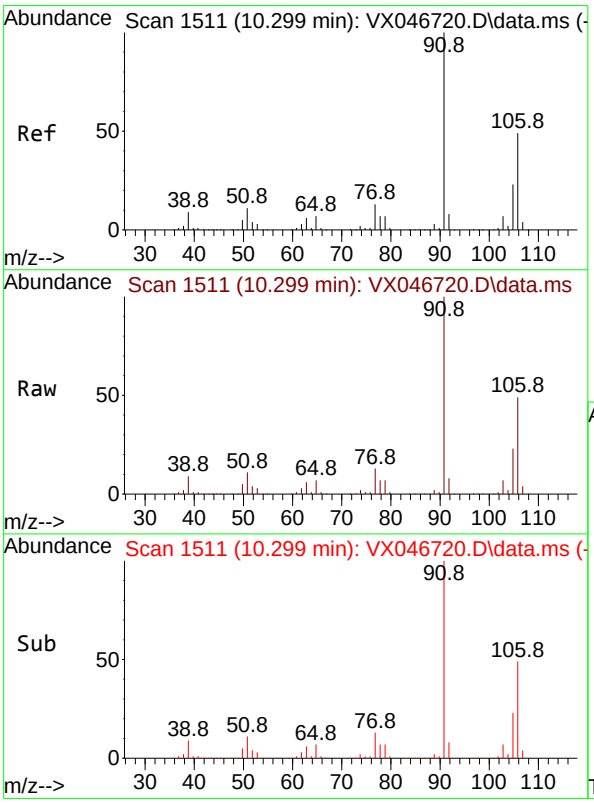
Supervised By :Mahesh Dadoda 06/18/2025

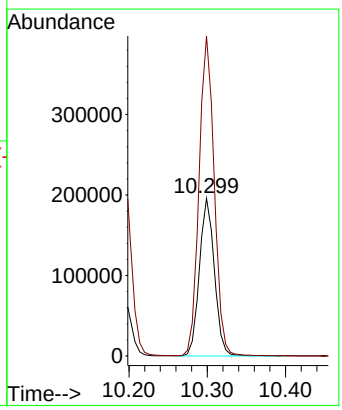


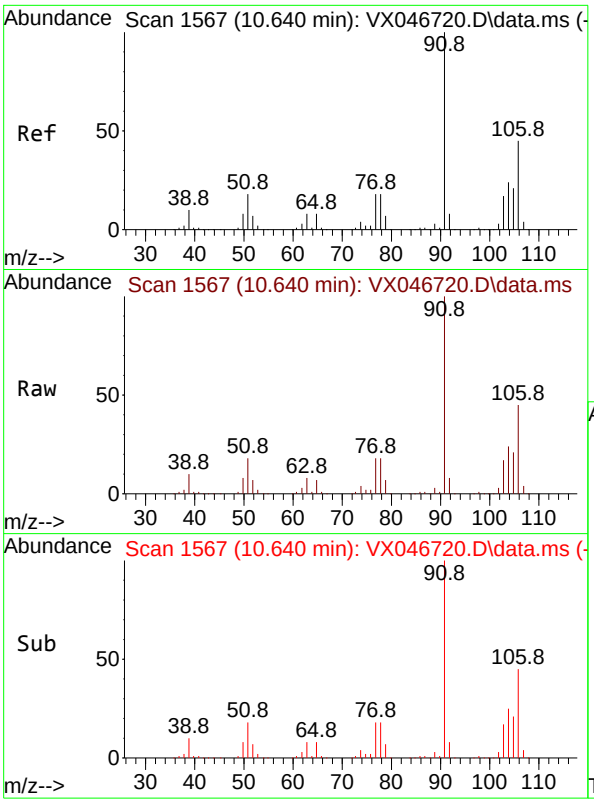


#68
m/p-Xylenes
Concen: 100.800 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:106 Resp: 259899

Ion	Ratio	Lower	Upper
106	100		
91	206.0	164.8	247.2





#69
o-Xylene
Concen: 51.366 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:106 Resp: 12412

Ion	Ratio	Lower	Upper
106	100		
91	222.6	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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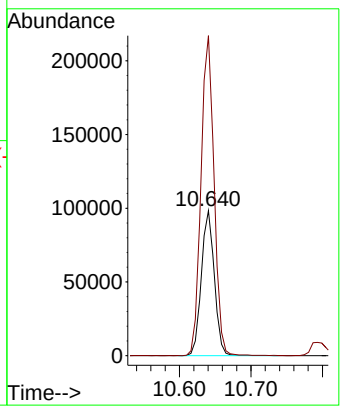
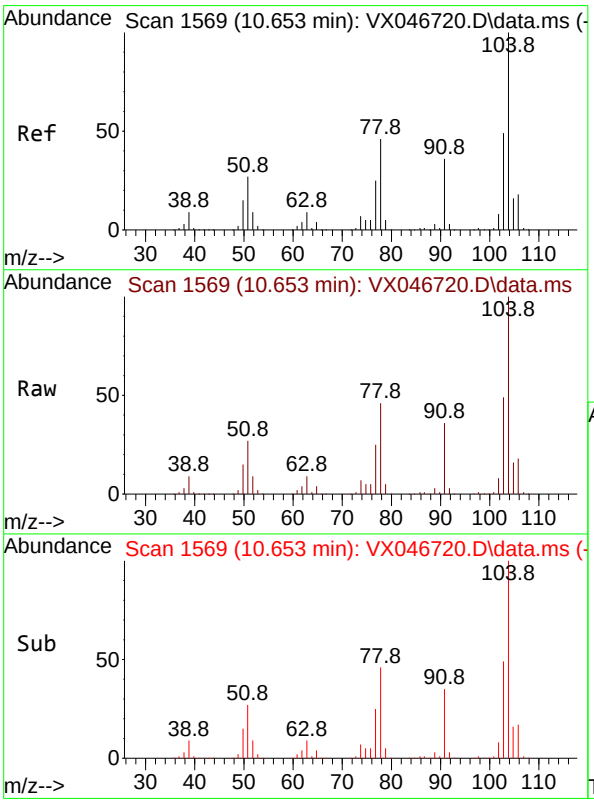
Supervised By :Mahesh Dadoda 06/18/2025

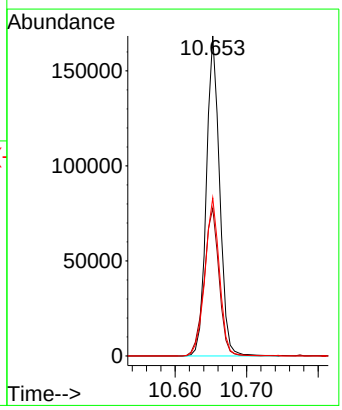


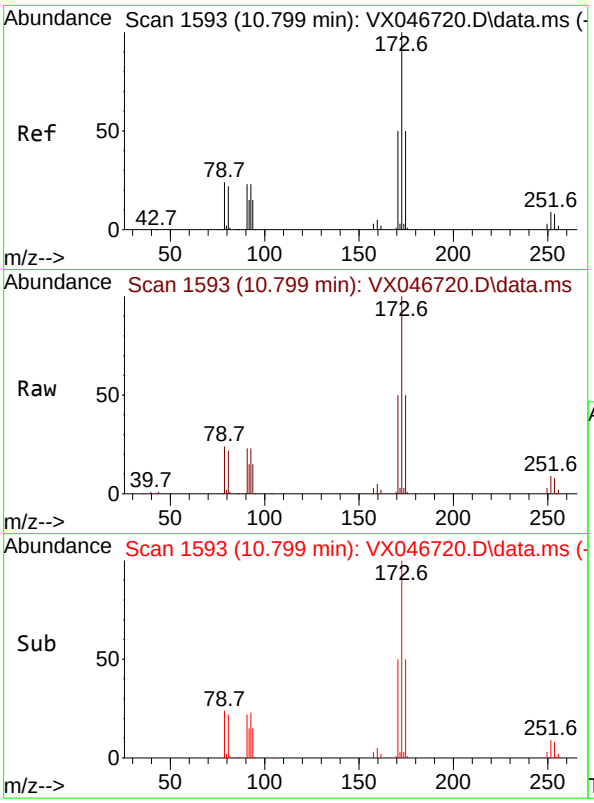


#70
Styrene
Concen: 51.254 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:104 Resp: 216738

Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.4	62.2
103	53.9	43.1	64.7

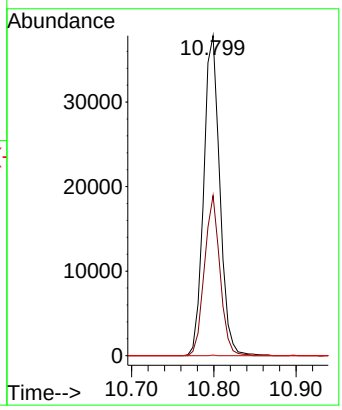




#71
Bromoform
Concen: 50.792 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:173 Resp: 5148

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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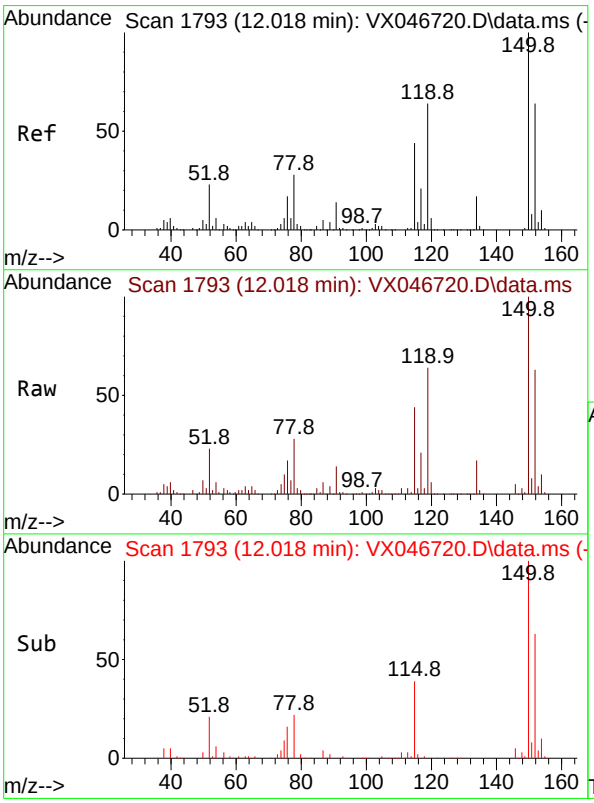
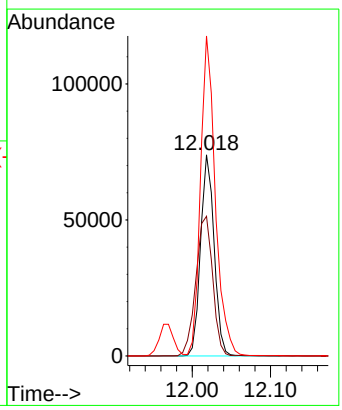
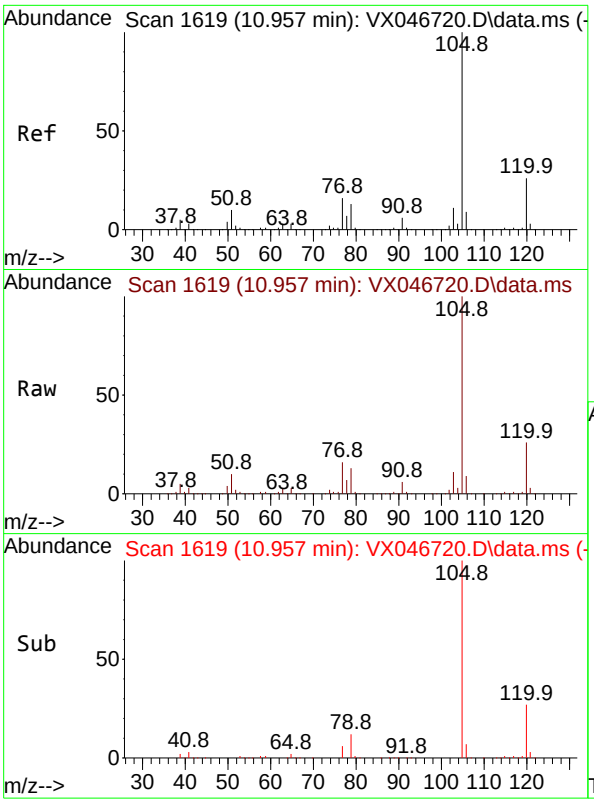


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:152 Resp: 89016

Ion	Ratio	Lower	Upper
152	100		
115	86.4	43.2	129.6
150	173.4	0.0	346.8





#73
Isopropylbenzene
Concen: 50.548 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:105 Resp: 33139

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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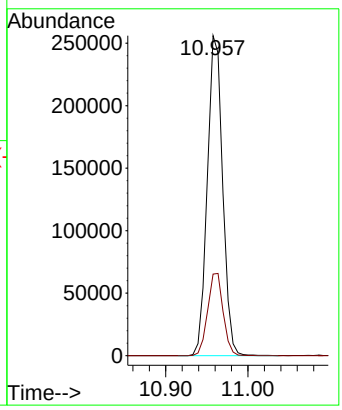
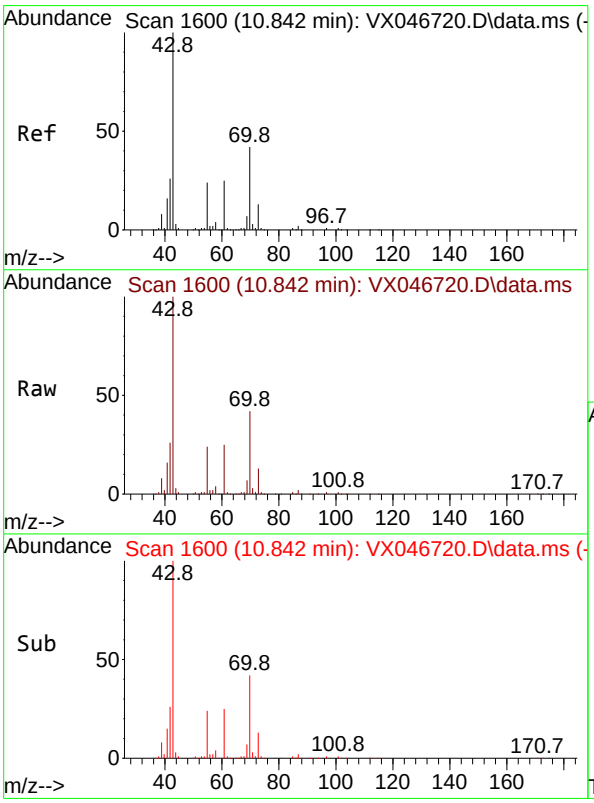
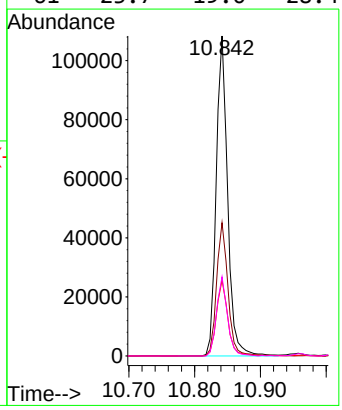


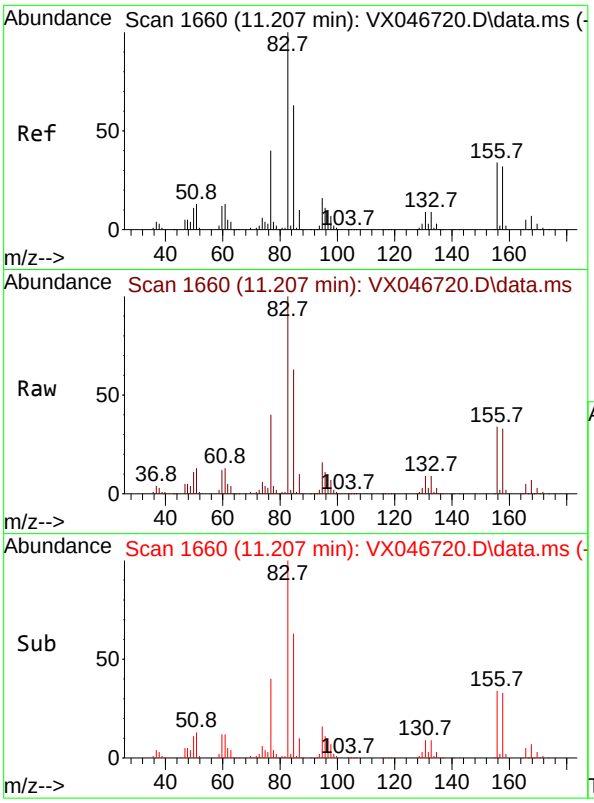


#74
N-amyl acetate
Concen: 52.581 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 43 Resp: 130606

Ion	Ratio	Lower	Upper
43	100		
70	41.7	33.4	50.0
55	23.9	19.1	28.7
61	23.7	19.0	28.4

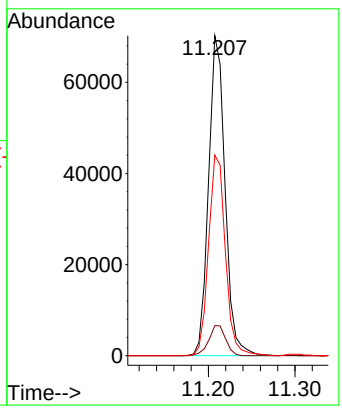




#75
1,1,2,2-Tetrachloroethane
Concen: 50.745 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 83 Resp: 9289

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.6
85	64.0	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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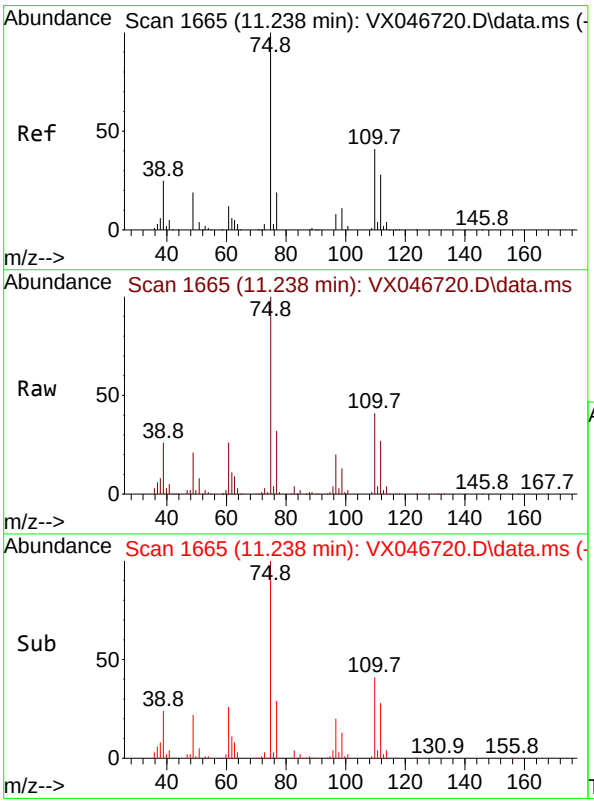
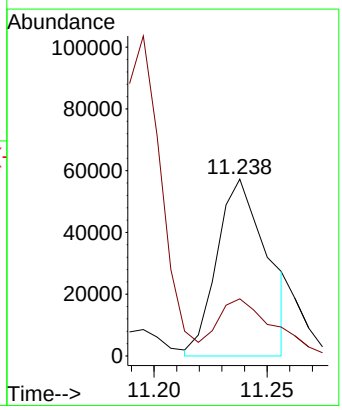
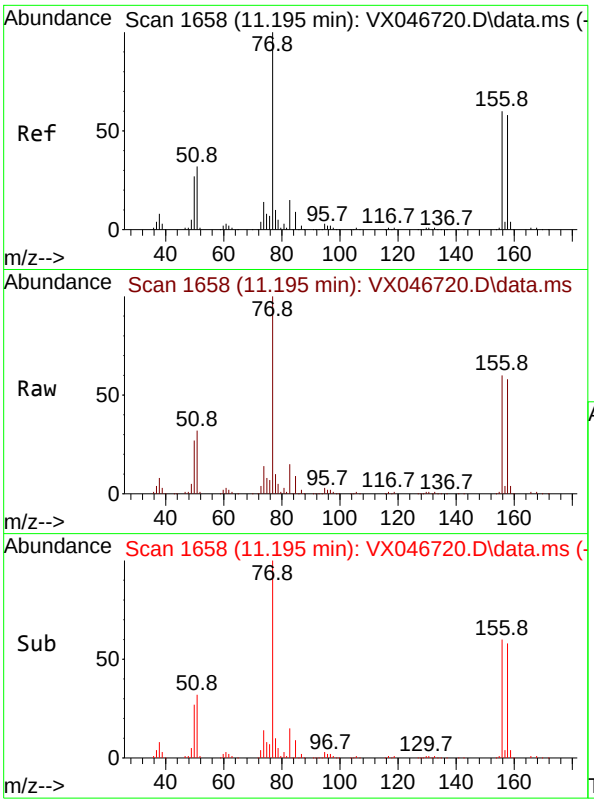


#76
1,2,3-Trichloropropane
Concen: 48.721 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 75 Resp: 88091

Ion	Ratio	Lower	Upper
75	100		
77	37.0	18.5	55.5

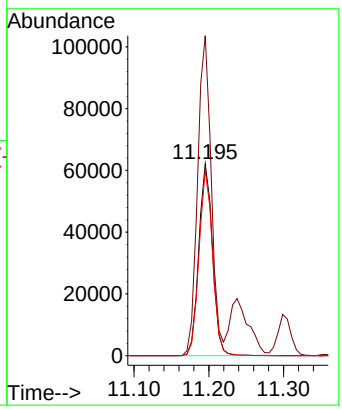




#77
Bromobenzene
Concen: 50.331 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:156 Resp: 7940

Ion	Ratio	Lower	Upper
156	100		
77	165.7	82.8	248.6
158	95.3	47.6	142.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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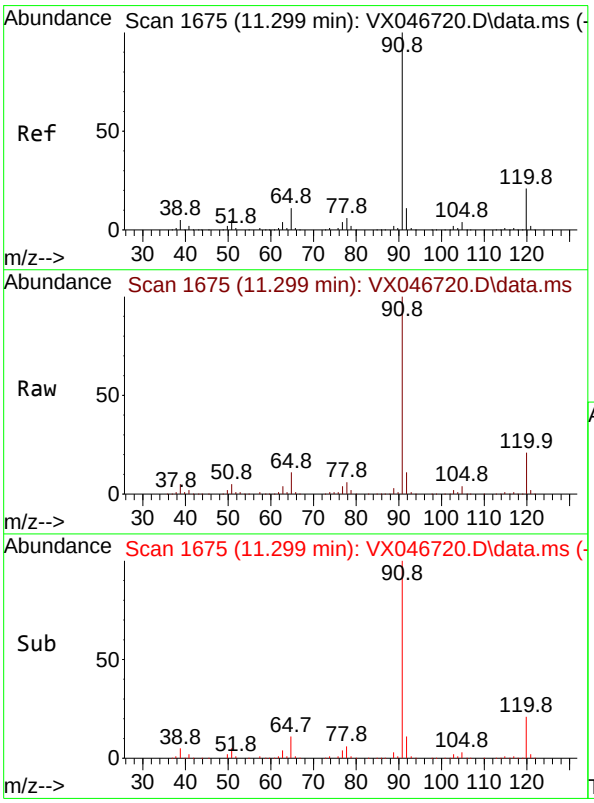
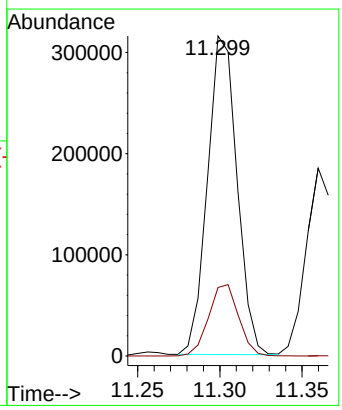
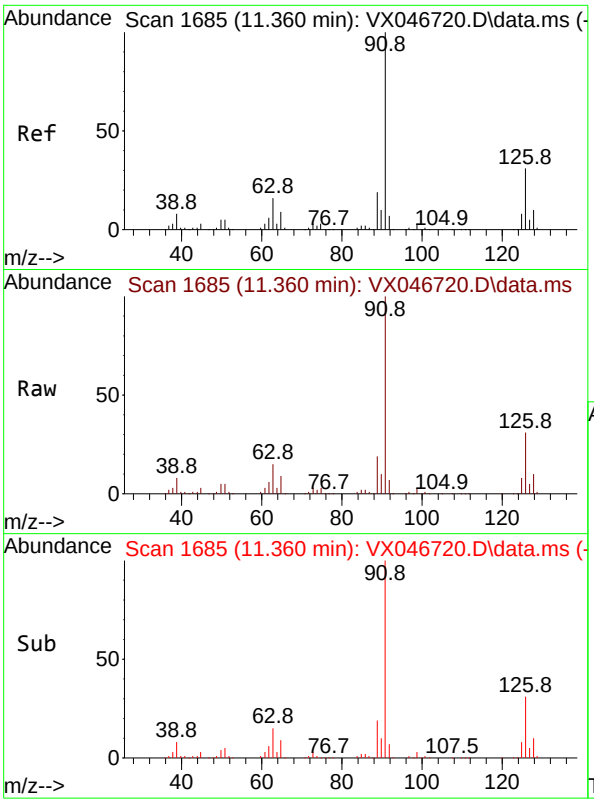


#78
n-propylbenzene
Concen: 50.646 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 91 Resp: 394375

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.1

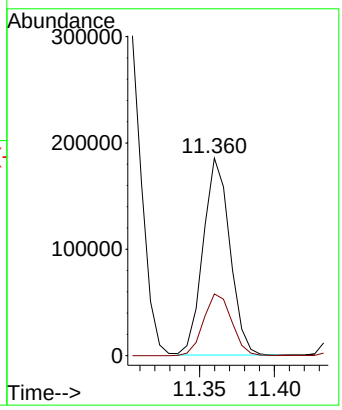




#79
2-Chlorotoluene
Concen: 49.509 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 91 Resp: 23017

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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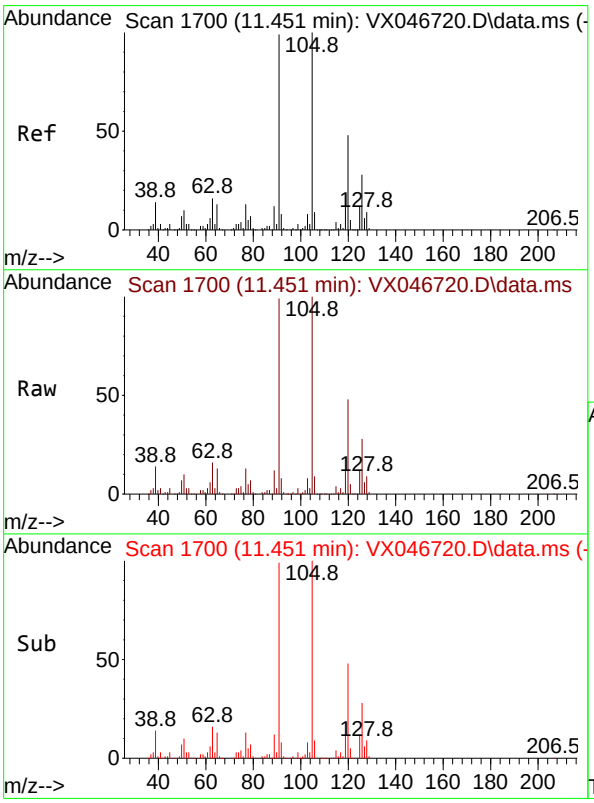
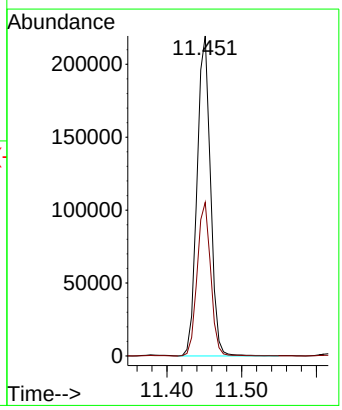
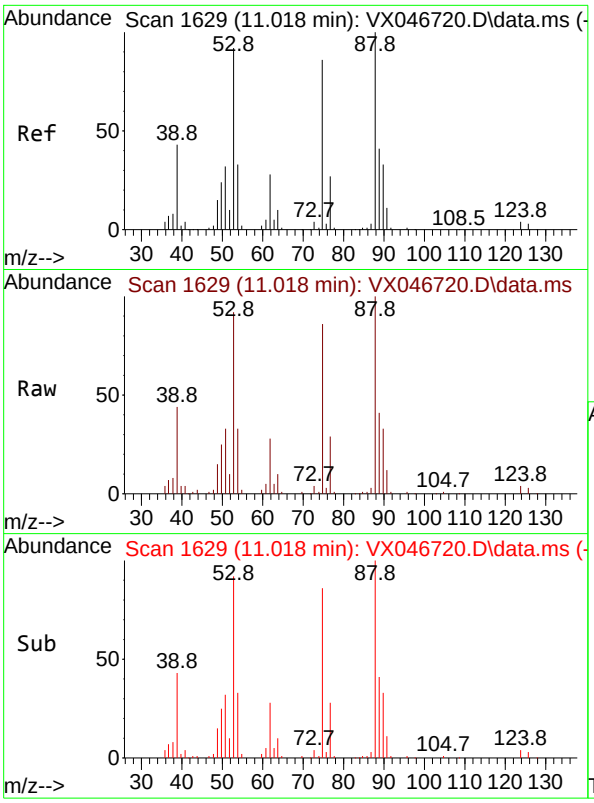


#80
1,3,5-Trimethylbenzene
Concen: 50.761 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:105 Resp: 273477

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 47.984 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 75 Resp: 2767

Ion	Ratio	Lower	Upper
75	100		
53	108.5	86.8	130.2
89	46.1	36.9	55.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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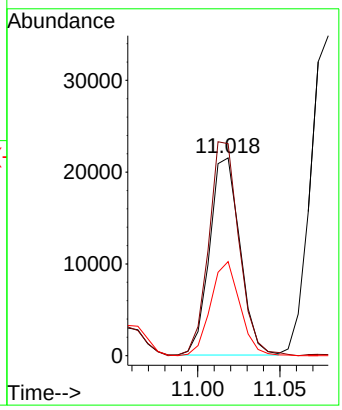
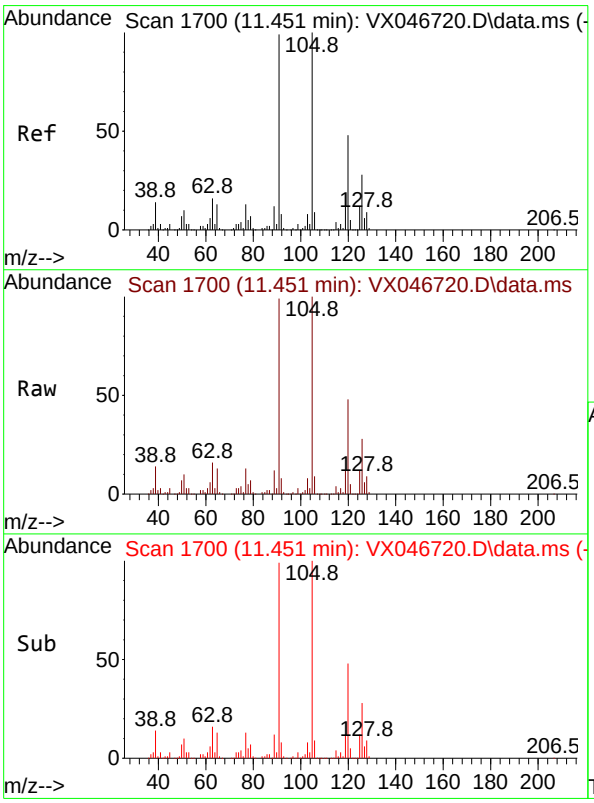
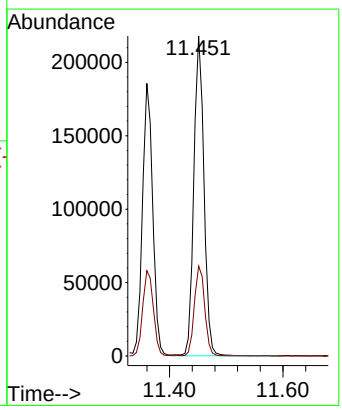


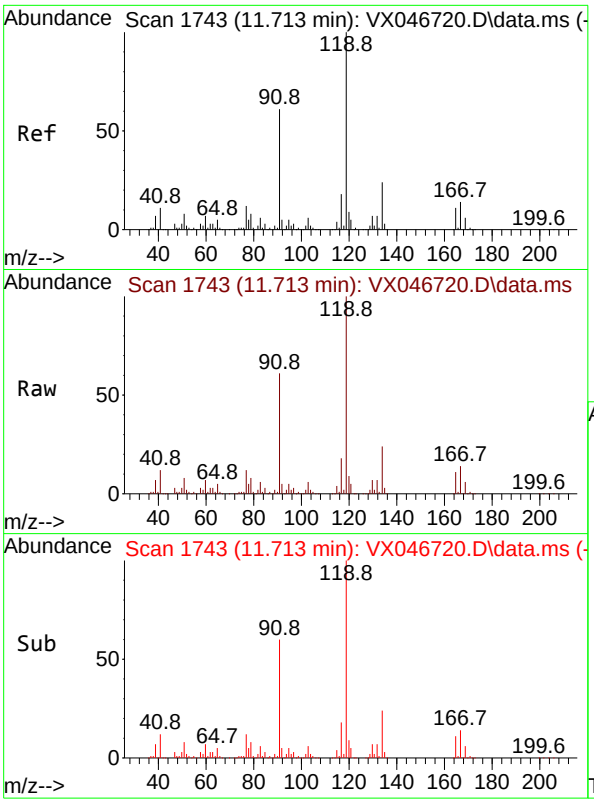


#82
4-Chlorotoluene
Concen: 49.613 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 91 Resp: 269198

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.4	43.2

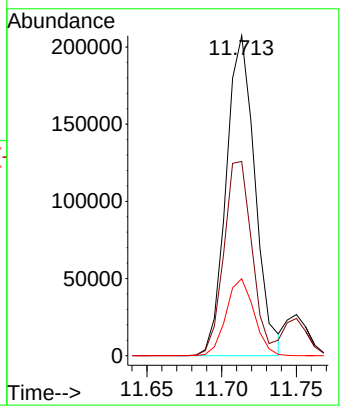




#83
tert-Butylbenzene
Concen: 49.905 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:119 Resp: 27791

Ion	Ratio	Lower	Upper
119	100		
91	59.1	29.5	88.6
134	23.3	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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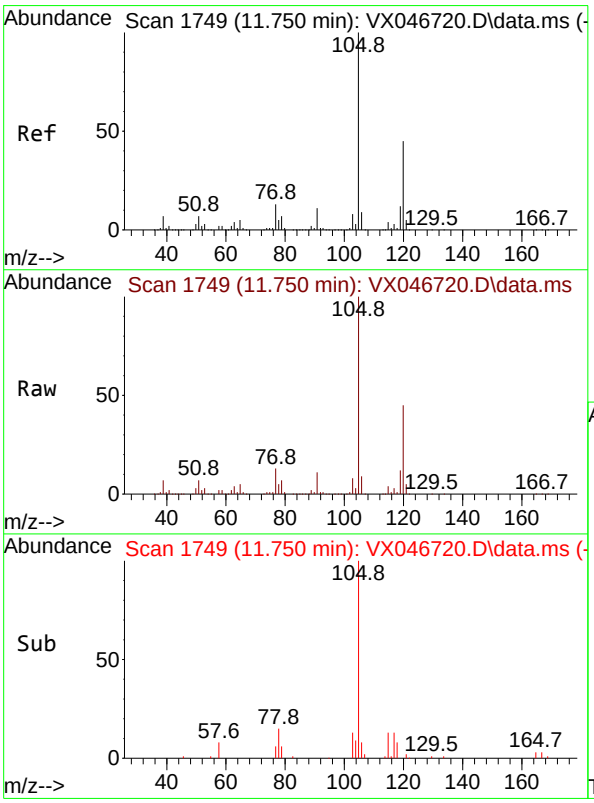
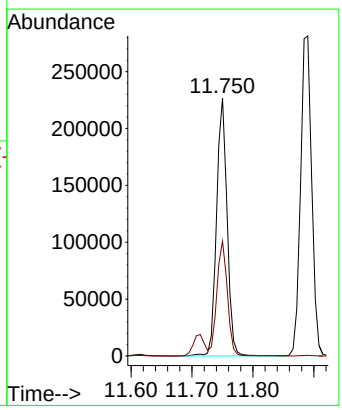
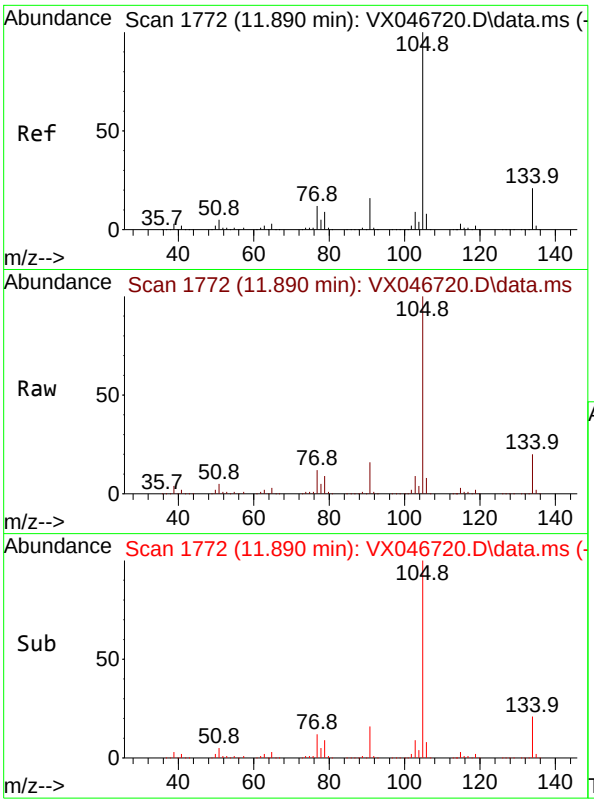


#84
1,2,4-Trimethylbenzene
Concen: 50.345 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:105 Resp: 272510

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.3

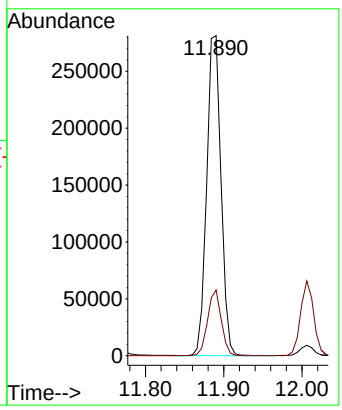




#85
sec-Butylbenzene
Concen: 50.574 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:105 Resp: 35594

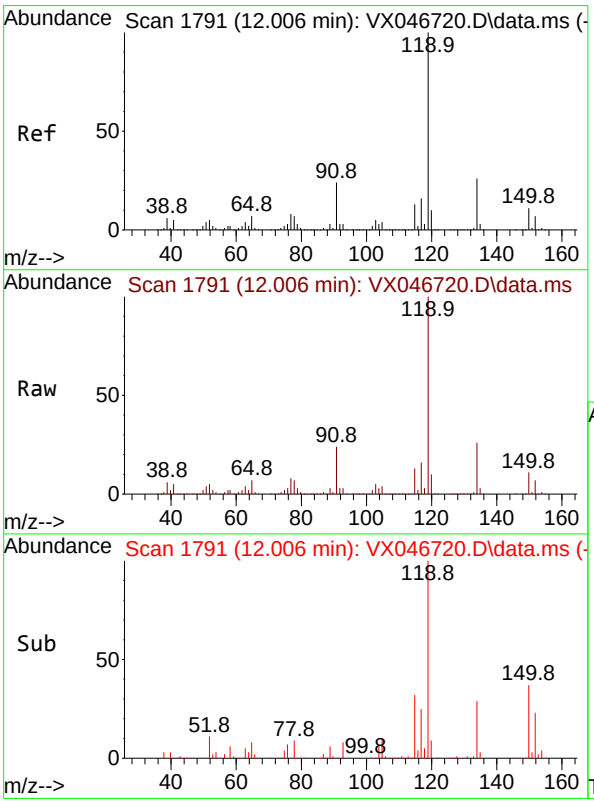
Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

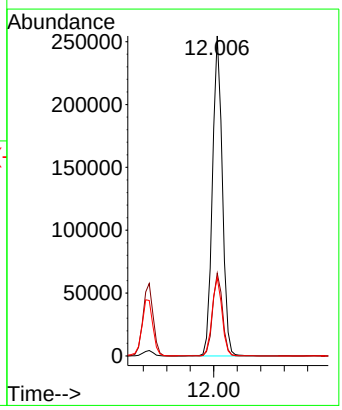
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

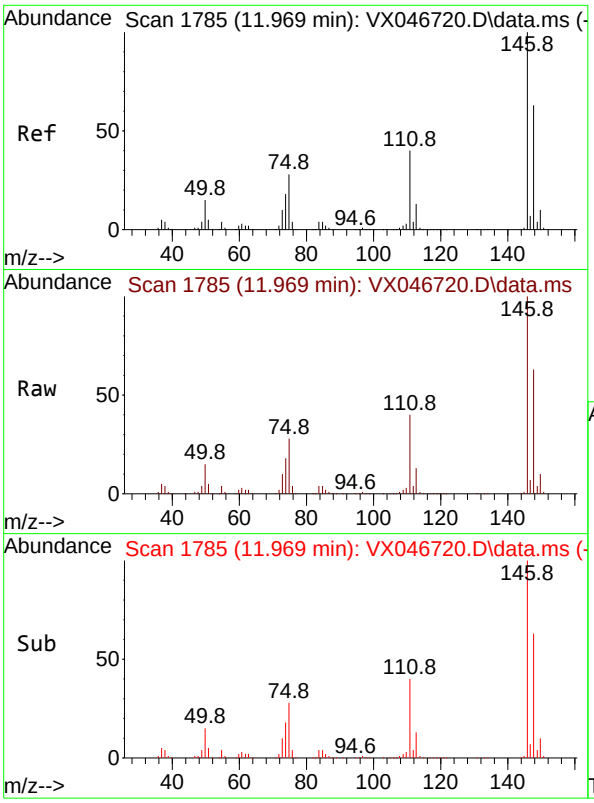


#86
p-Isopropyltoluene
Concen: 50.067 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:119 Resp: 297314

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	24.6	12.3	36.9

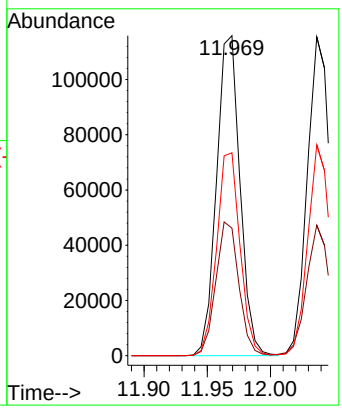




#87
1,3-Dichlorobenzene
Concen: 48.568 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:146 Resp: 14940

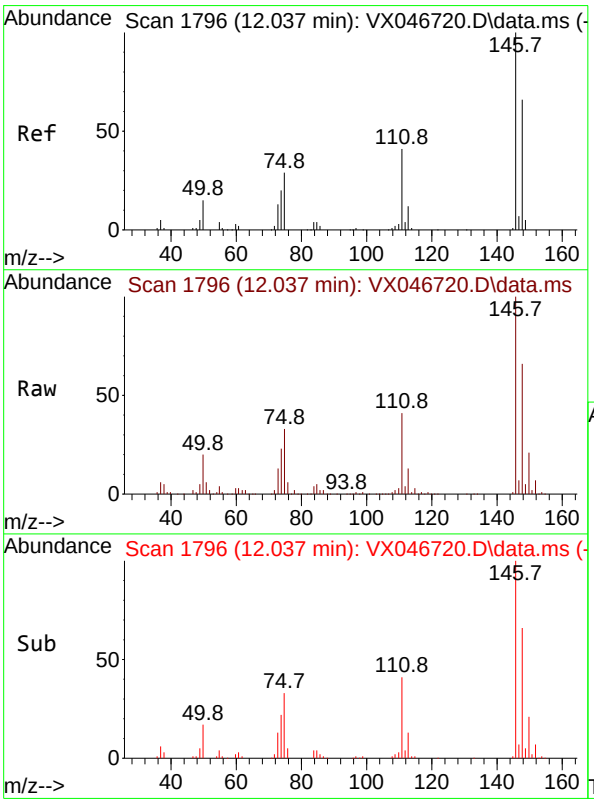
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	63.2	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

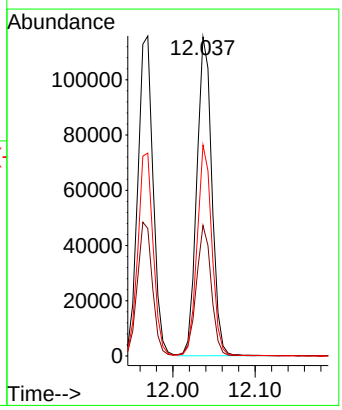
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

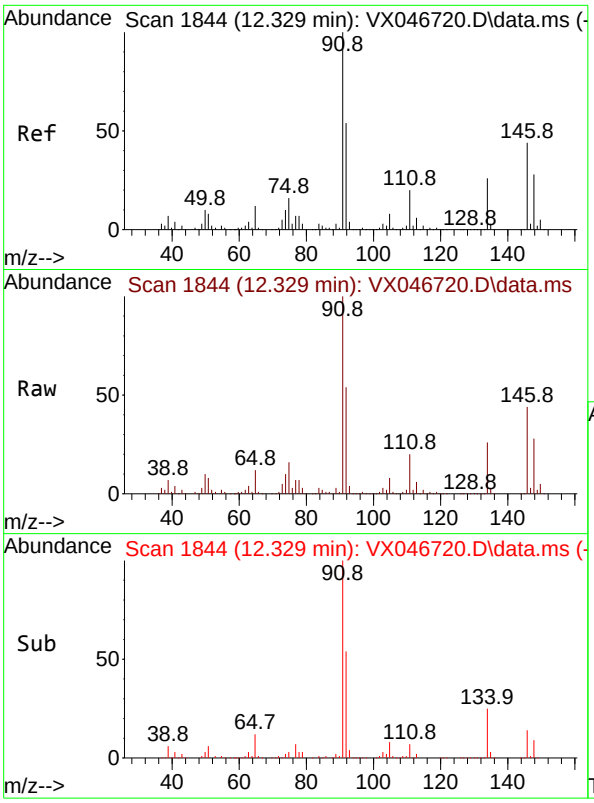


#88
1,4-Dichlorobenzene
Concen: 46.571 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:146 Resp: 147146

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	64.3	32.1	96.5

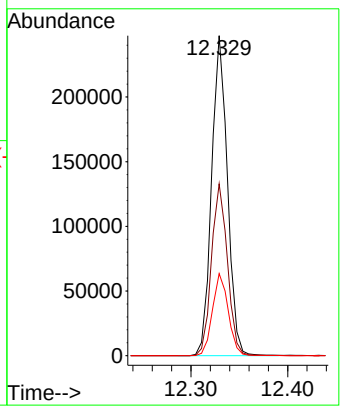




#89
n-Butylbenzene
Concen: 49.801 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 91 Resp: 28079

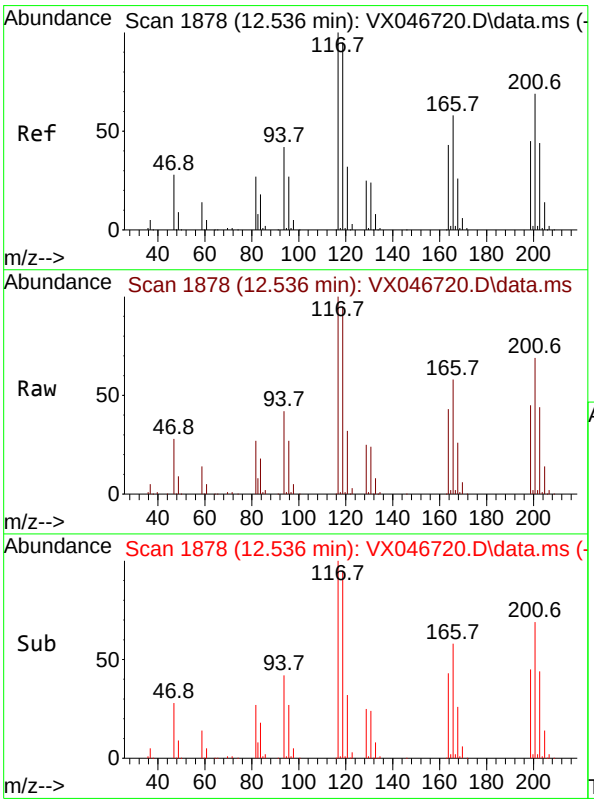
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	25.7	12.9	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

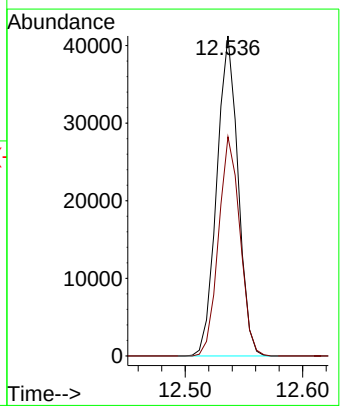
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

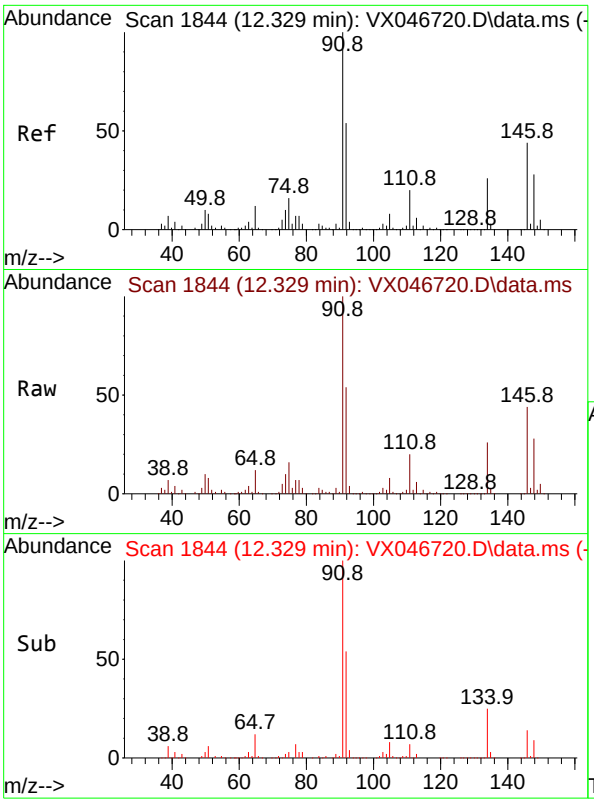


#90
Hexachloroethane
Concen: 49.968 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:117 Resp: 51961

Ion	Ratio	Lower	Upper
117	100		
201	68.9	34.4	103.3

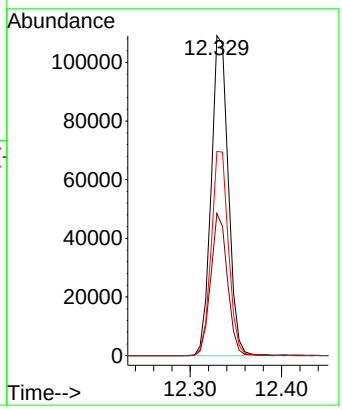




#91
1,2-Dichlorobenzene
Concen: 49.309 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:146 Resp: 14174

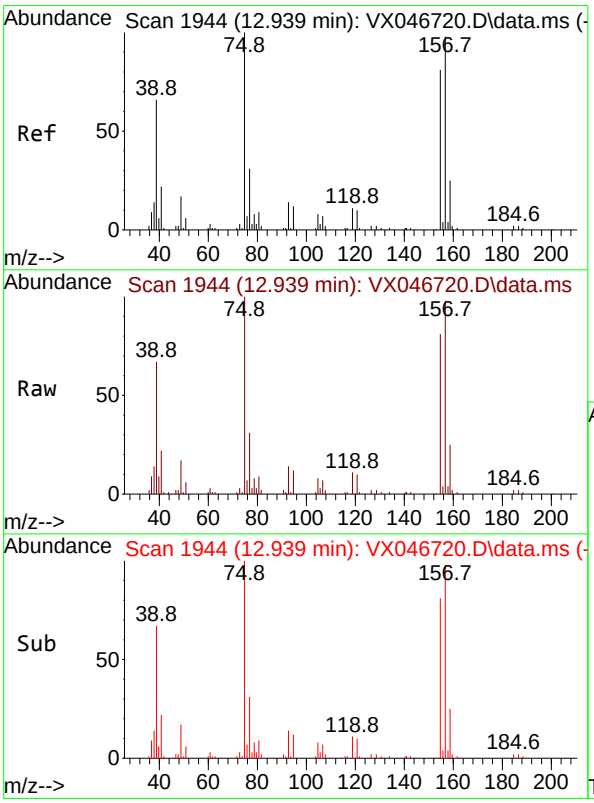
Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.7	65.1
148	64.1	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

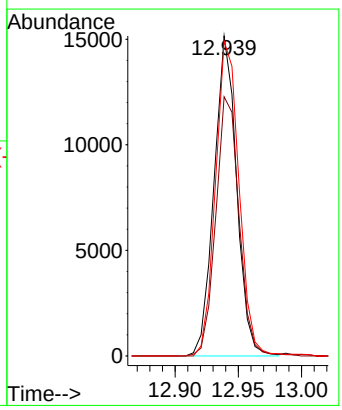
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

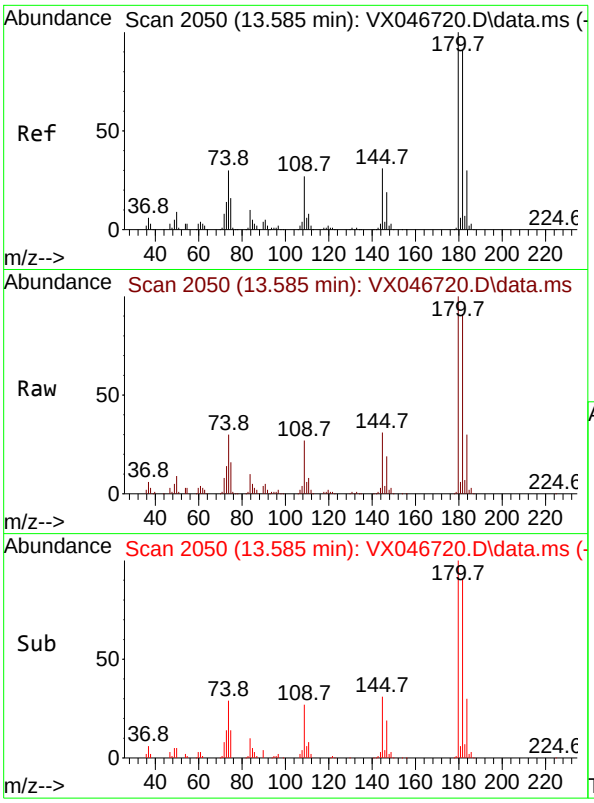


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.873 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 75 Resp: 18747

Ion	Ratio	Lower	Upper
75	100		
155	83.8	41.9	125.7
157	102.9	51.4	154.3

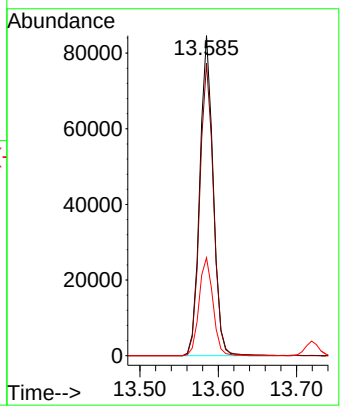




#93
1,2,4-Trichlorobenzene
Concen: 49.101 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:180 Resp: 10034

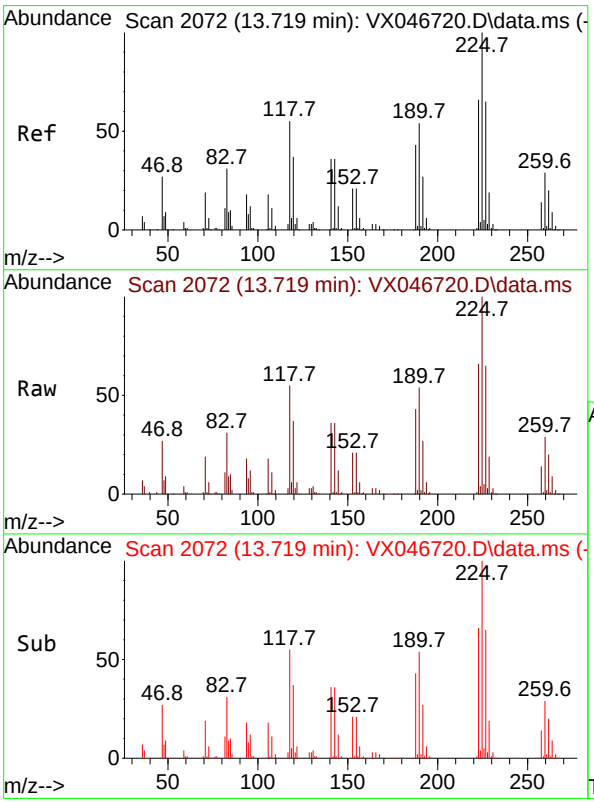
Ion	Ratio	Lower	Upper
180	100		
182	93.4	46.7	140.1
145	31.6	15.8	47.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

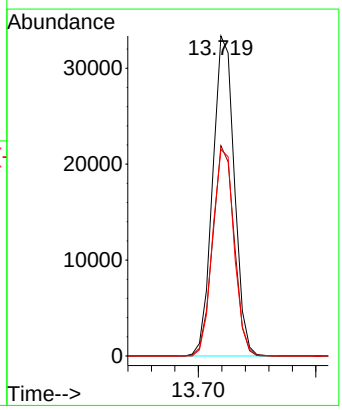
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

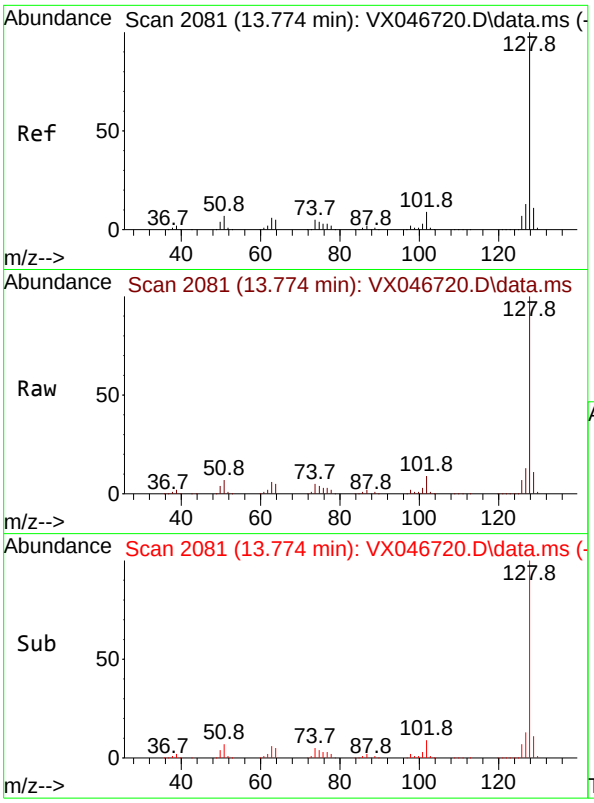


#94
Hexachlorobutadiene
Concen: 49.621 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:225 Resp: 42659

Ion	Ratio	Lower	Upper
225	100		
223	65.0	32.5	97.5
227	64.4	32.2	96.6





#95
Naphthalene
Concen: 50.994 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

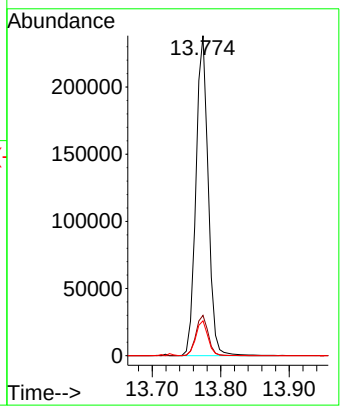
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

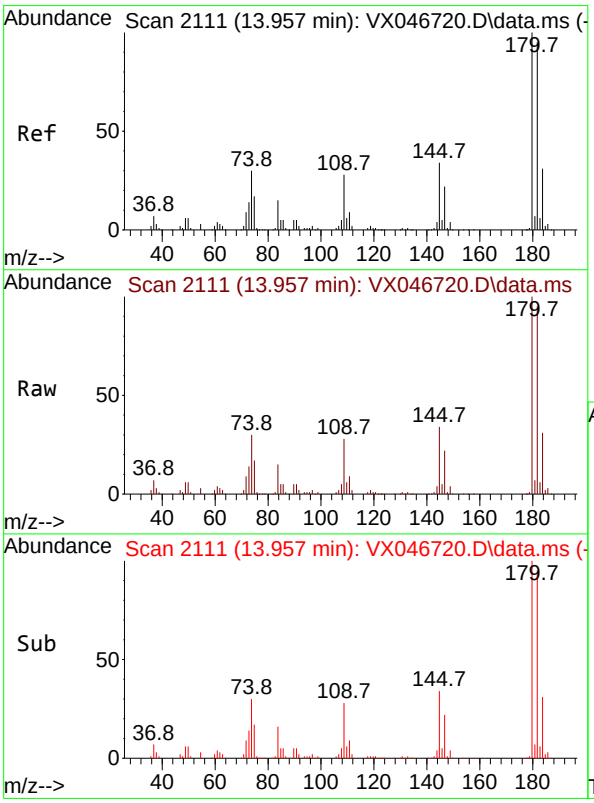
Tgt Ion:128 Resp: 29691

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

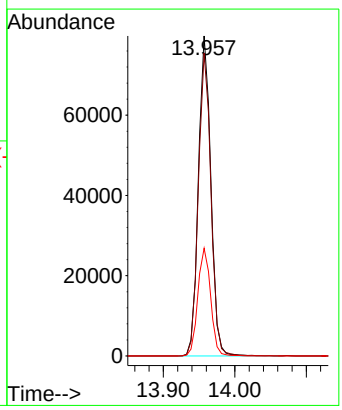




#96
1,2,3-Trichlorobenzene
Concen: 49.263 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:180 Resp: 96318

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.4
145	34.6	17.3	51.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	110482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160514	105.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 210.080%#			
35) Dibromofluoromethane	5.391	113	129932	107.136	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 214.280%#			
50) Toluene-d8	8.647	98	458174	105.153	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 210.300%#			
62) 4-Bromofluorobenzene	11.079	95	170795	105.156	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 210.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	138589	117.494	ug/l	99
3) Chloromethane	1.307	50	141568	111.195	ug/l	99
4) Vinyl Chloride	1.386	62	151879	111.868	ug/l	97
5) Bromomethane	1.611	94	75361	98.660	ug/l	94
6) Chloroethane	1.697	64	89532	108.805	ug/l	96
7) Trichlorofluoromethane	1.898	101	227688	110.449	ug/l	98
8) Diethyl Ether	2.148	74	77791	109.956	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	137759	108.929	ug/l	99
10) Methyl Iodide	2.465	142	174182	104.824	ug/l	99
11) Tert butyl alcohol	2.965	59	78366	571.345	ug/l	99
12) 1,1-Dichloroethene	2.331	96	134660	110.347	ug/l	98
13) Acrolein	2.246	56	108796	544.566	ug/l	99
14) Allyl chloride	2.678	41	243477	110.119	ug/l	100
15) Acrylonitrile	3.075	53	344981	559.348	ug/l	100
16) Acetone	2.386	43	263024	516.133	ug/l	99
17) Carbon Disulfide	2.526	76	383348	104.026	ug/l	98
18) Methyl Acetate	2.709	43	143551	110.909	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	419445	110.387	ug/l	98
20) Methylene Chloride	2.800	84	147144	103.828	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	140792	107.824	ug/l	97
22) Diisopropyl ether	3.770	45	466831	109.846	ug/l	98
23) Vinyl Acetate	3.733	43	1930136	571.126	ug/l	99
24) 1,1-Dichloroethane	3.623	63	258546	107.149	ug/l	98
25) 2-Butanone	4.562	43	409960	568.810	ug/l	99
26) 2,2-Dichloropropane	4.489	77	194006	110.239	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	163672	106.691	ug/l	99
28) Bromochloromethane	4.910	49	114720	104.869	ug/l	99
29) Tetrahydrofuran	5.013	42	265233	569.746	ug/l	100
30) Chloroform	5.105	83	260888	108.113	ug/l	96
31) Cyclohexane	5.477	56	237424	103.757	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	231101	109.198	ug/l	99
36) 1,1-Dichloropropene	5.702	75	183355	104.733	ug/l	98
37) Ethyl Acetate	4.721	43	171444	106.094	ug/l	97
38) Carbon Tetrachloride	5.690	117	200914	105.749	ug/l	98
39) Methylcyclohexane	7.385	83	246277	106.902	ug/l	99
40) Benzene	6.044	78	553336	106.798	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	97782	113.502	ug/l		97
42) 1,2-Dichloroethane	6.092	62	193498	106.278	ug/l		99
43) Isopropyl Acetate	6.342	43	291467	115.264	ug/l		100
44) Trichloroethene	7.129	130	142659	108.043	ug/l		96
45) 1,2-Dichloropropane	7.434	63	137291	106.920	ug/l		96
46) Dibromomethane	7.586	93	98964	107.240	ug/l		99
47) Bromodichloromethane	7.824	83	205870	109.319	ug/l		100
48) Methyl methacrylate	7.696	41	150002	118.279	ug/l		99
49) 1,4-Dioxane	7.659	88	38203	2040.447	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	843944	559.584	ug/l		100
52) Toluene	8.720	92	339735	105.772	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	203470	116.448	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	221241	111.537	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	127195	106.264	ug/l		99
56) Ethyl methacrylate	9.116	69	205153	116.106	ug/l		100
57) 1,3-Dichloropropane	9.305	76	220021	106.740	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	541734	590.219	ug/l		100
59) 2-Hexanone	9.427	43	587221	563.200	ug/l		100
60) Dibromochloromethane	9.519	129	153731	108.983	ug/l		99
61) 1,2-Dibromoethane	9.610	107	133253	109.444	ug/l		99
64) Tetrachloroethene	9.275	164	115774	103.876	ug/l		98
65) Chlorobenzene	10.079	112	374913	105.577	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	131134	109.876	ug/l		99
67) Ethyl Benzene	10.189	91	663369	106.914	ug/l		100
68) m/p-Xylenes	10.299	106	492448	213.003	ug/l		100
69) o-Xylene	10.640	106	237631	109.675	ug/l		99
70) Styrene	10.653	104	407566	107.488	ug/l		99
71) Bromoform	10.799	173	101329	111.485	ug/l	#	99
73) Isopropylbenzene	10.957	105	628803	108.731	ug/l		100
74) N-amyl acetate	10.842	43	260620	118.945	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	176523	109.317	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	147349m	92.387	ug/l		
77) Bromobenzene	11.195	156	150110	107.864	ug/l		99
78) n-propylbenzene	11.299	91	743979	108.310	ug/l		100
79) 2-Chlorotoluene	11.360	91	434989	106.065	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	517286	108.848	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	57608	113.225	ug/l		96
82) 4-Chlorotoluene	11.451	91	506852	105.896	ug/l		99
83) tert-Butylbenzene	11.713	119	533235	108.548	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	518524	108.598	ug/l		100
85) sec-Butylbenzene	11.890	105	670896	108.062	ug/l		99
86) p-Isopropyltoluene	12.006	119	561258	107.145	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	280540	103.388	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	280884	100.779	ug/l		99
89) n-Butylbenzene	12.329	91	536268	107.822	ug/l		100
90) Hexachloroethane	12.536	117	101647	110.811	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	267432	105.466	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36858	115.616	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	196715	109.119	ug/l		99
94) Hexachlorobutadiene	13.725	225	80407	106.029	ug/l		98
95) Naphthalene	13.774	128	587914	114.468	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	189473	109.861	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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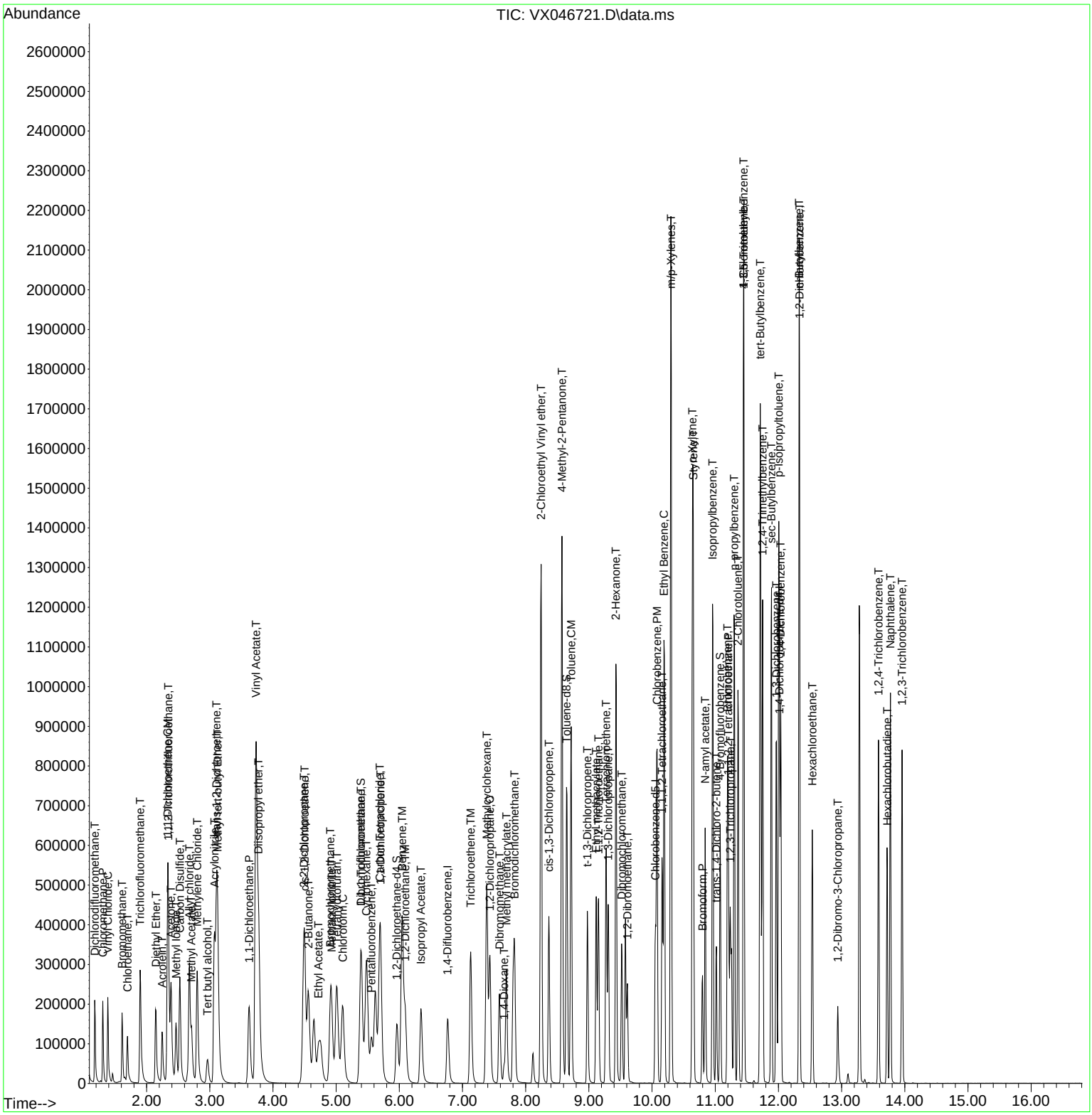
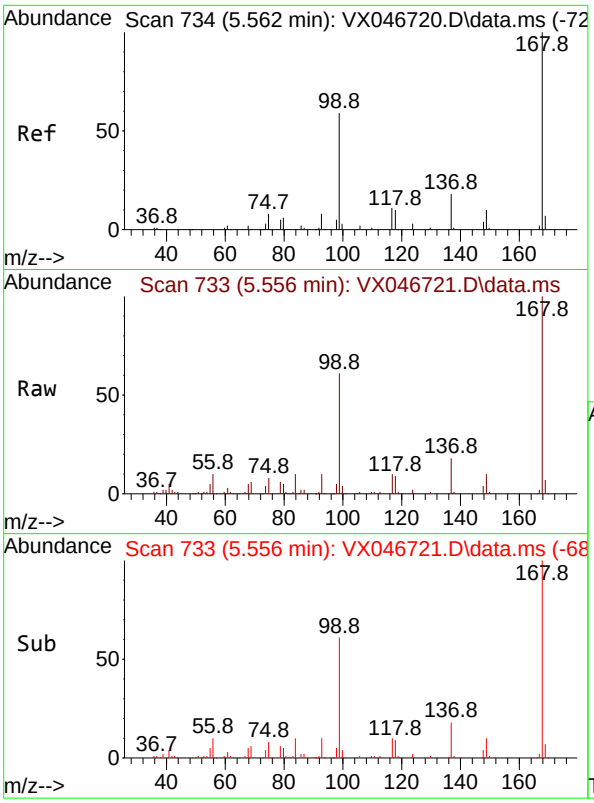
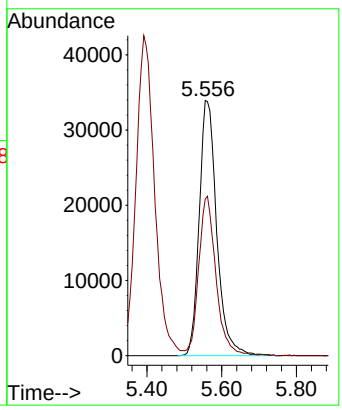




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:168 Resp: 11048

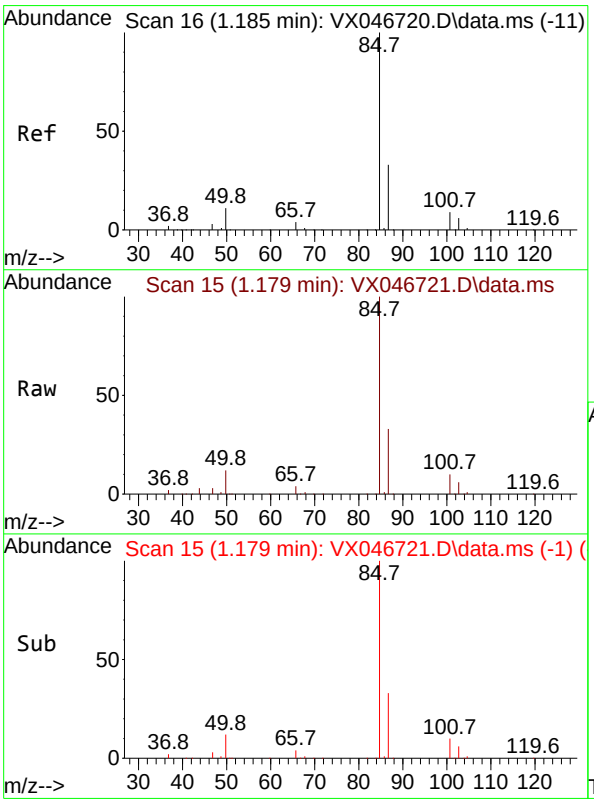
Ion	Ratio	Lower	Upper
168	100		
99	61.4	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

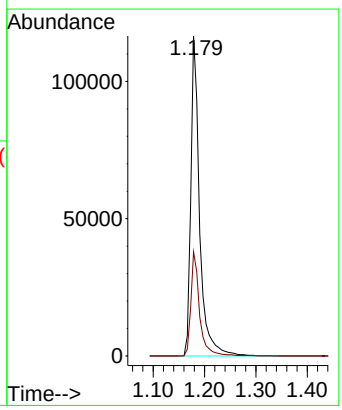
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

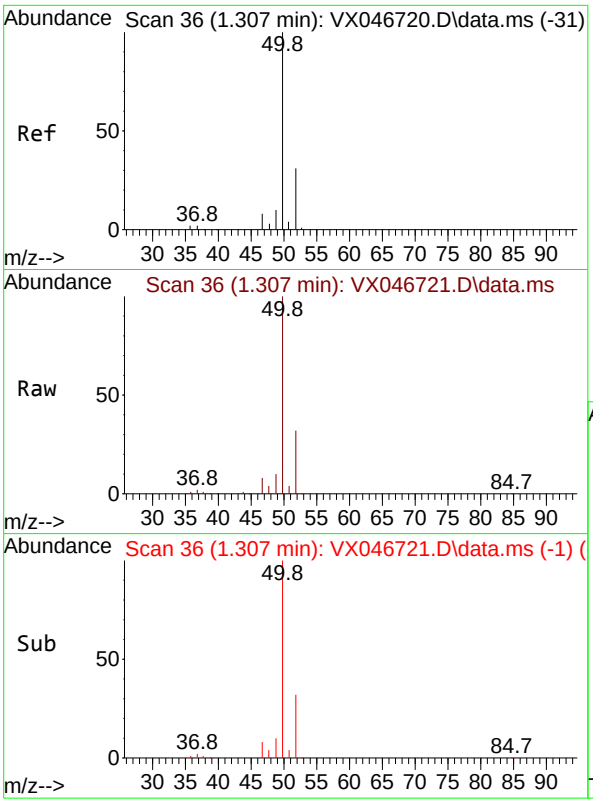


#2
Dichlorodifluoromethane
Concen: 117.494 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 85 Resp: 138589

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.6	49.8

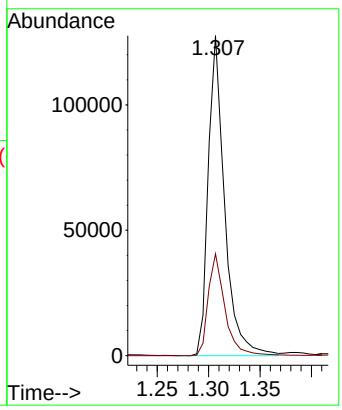




#3
Chloromethane
Concen: 111.195 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 50 Resp: 14156

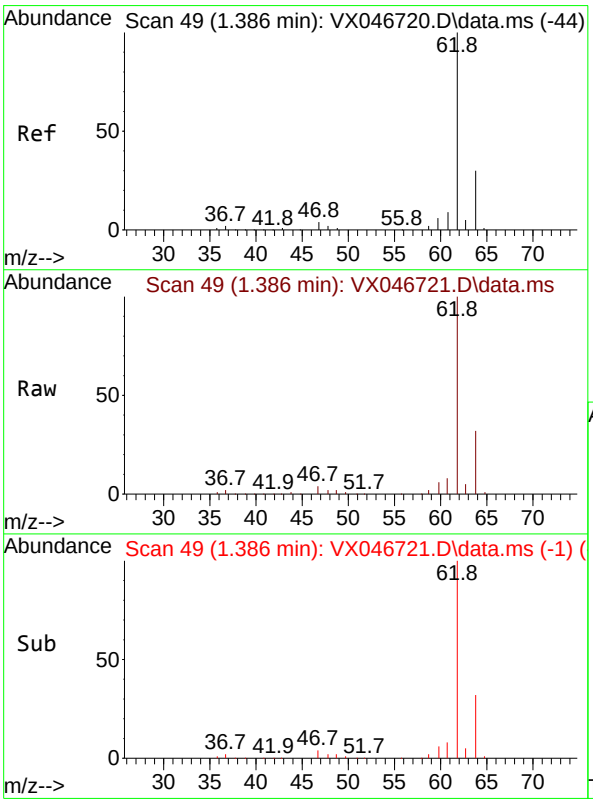
Ion	Ratio	Lower	Upper
50	100		
52	31.8	24.9	37.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

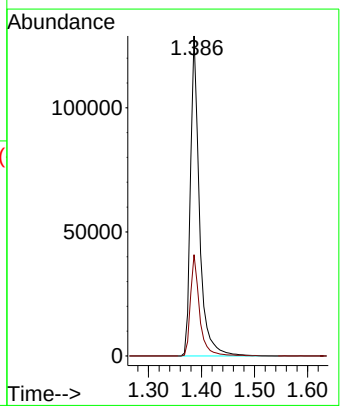
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

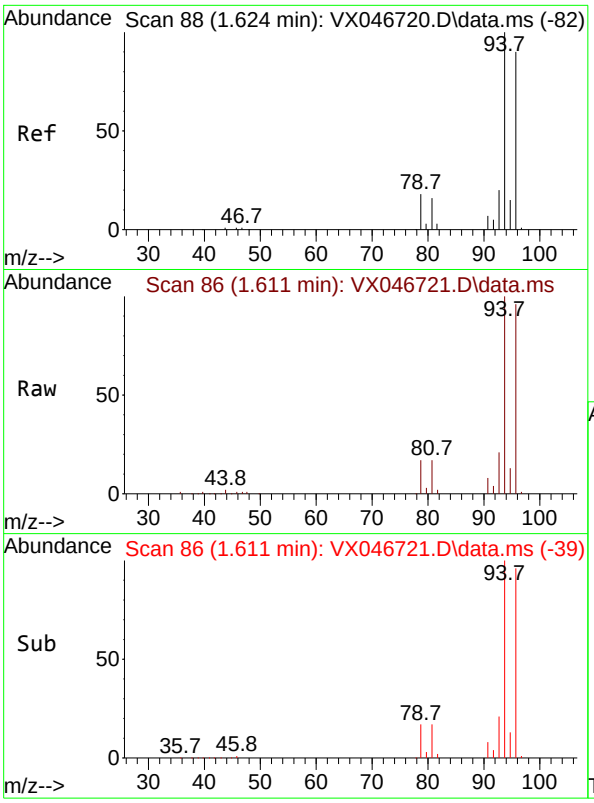


#4
Vinyl Chloride
Concen: 111.868 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 62 Resp: 151879

Ion	Ratio	Lower	Upper
62	100		
64	31.7	23.9	35.9

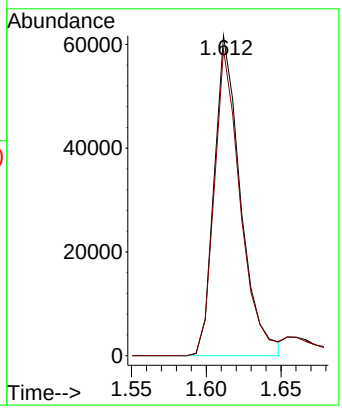




#5
Bromomethane
Concen: 98.660 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 94 Resp: 7536

Ion	Ratio	Lower	Upper
94	100		
96	95.8	72.3	108.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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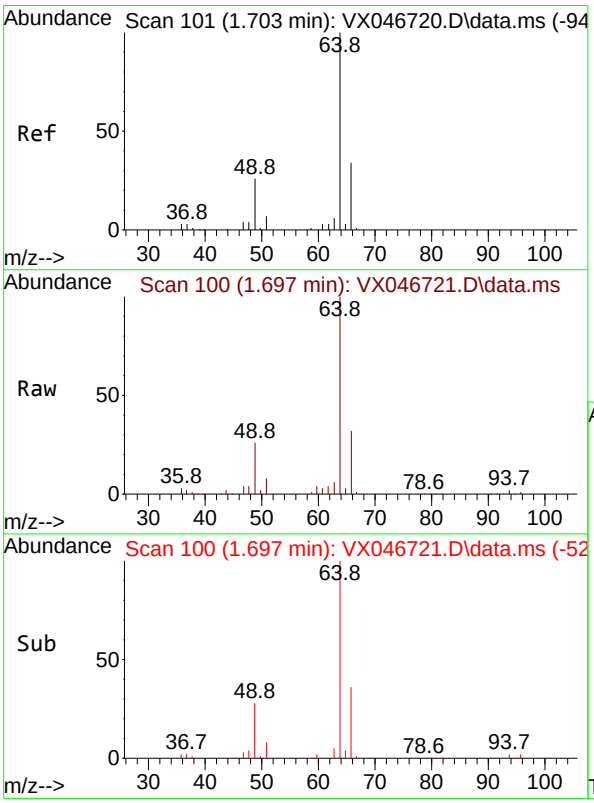
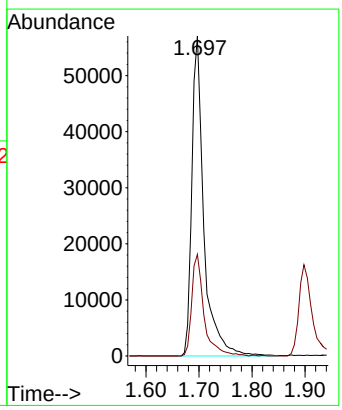
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

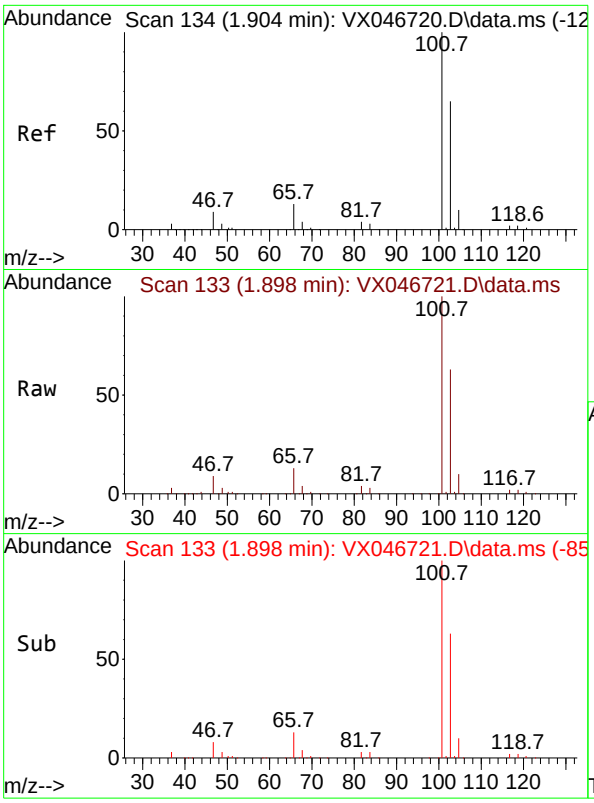


#6
Chloroethane
Concen: 108.805 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 64 Resp: 89532

Ion	Ratio	Lower	Upper
64	100		
66	31.8	27.1	40.7

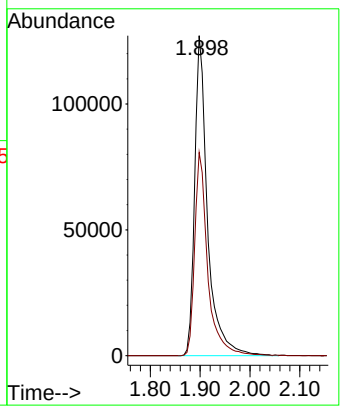




#7
Trichlorofluoromethane
Concen: 110.449 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:101 Resp: 22768

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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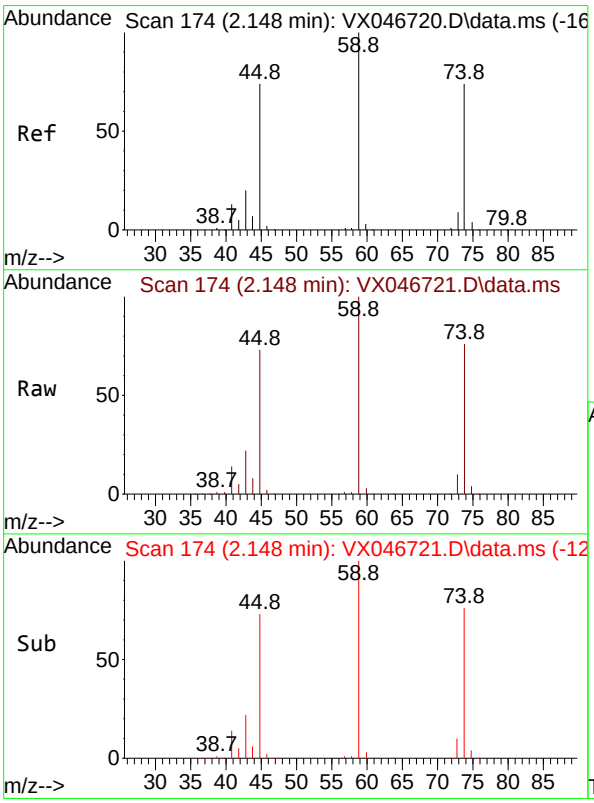
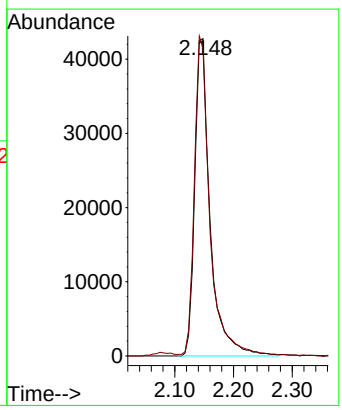
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

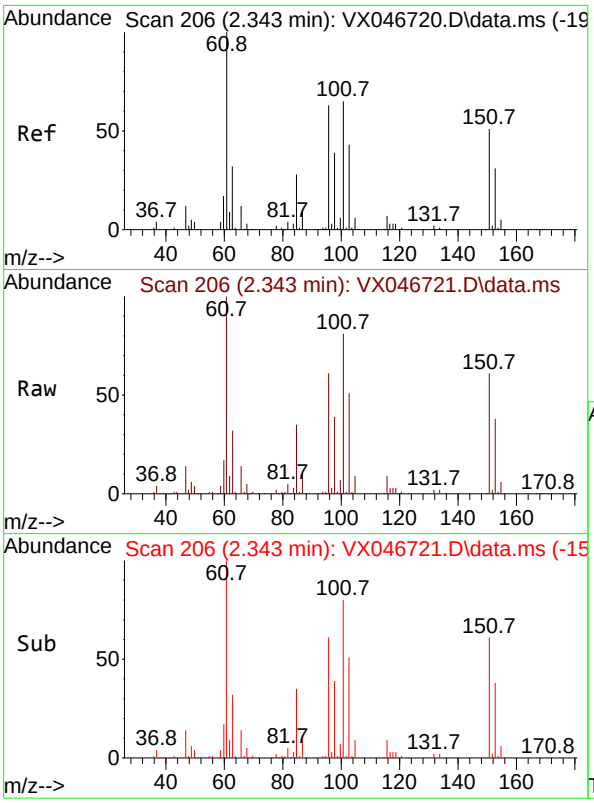


#8
Diethyl Ether
Concen: 109.956 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 74 Resp: 77791

Ion	Ratio	Lower	Upper
74	100		
45	100.7	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 108.929 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

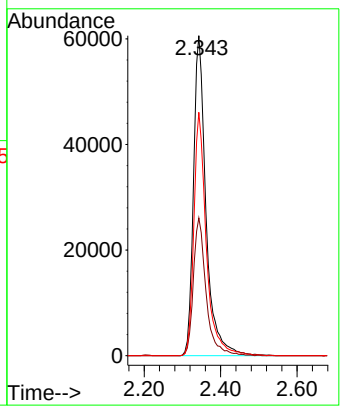
Tgt Ion:101 Resp: 13775

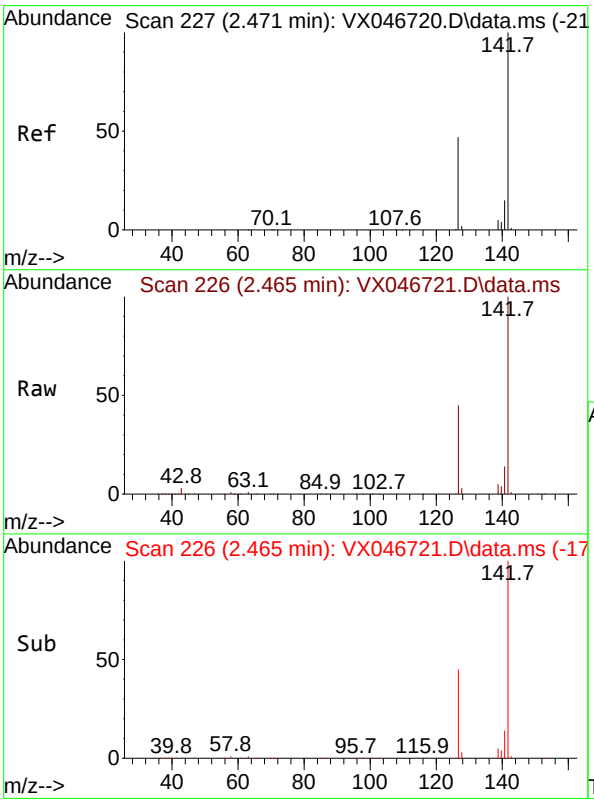
Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.4	53.0
151	76.0	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

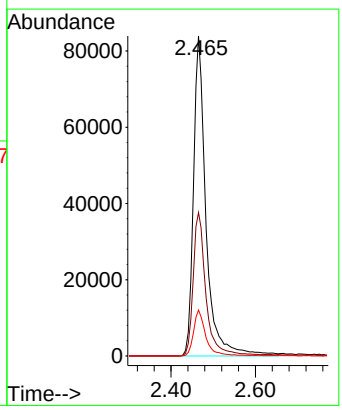


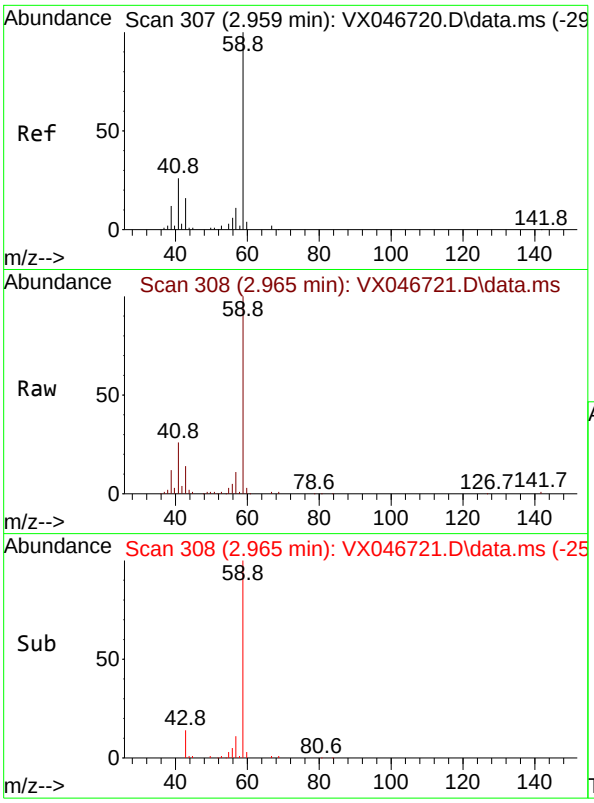


#10
Methyl Iodide
Concen: 104.824 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:142 Resp: 174182

Ion	Ratio	Lower	Upper
142	100		
127	45.7	37.0	55.6
141	14.0	11.5	17.3

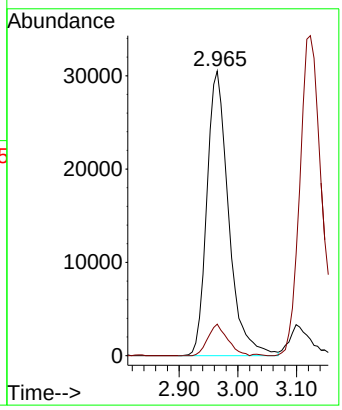




#11
Tert butyl alcohol
Concen: 571.345 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 59 Resp: 7836

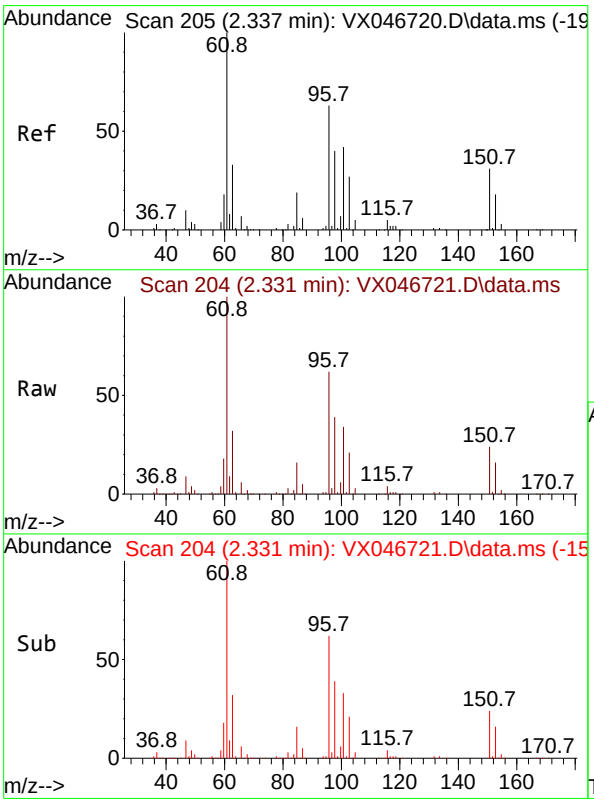
Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

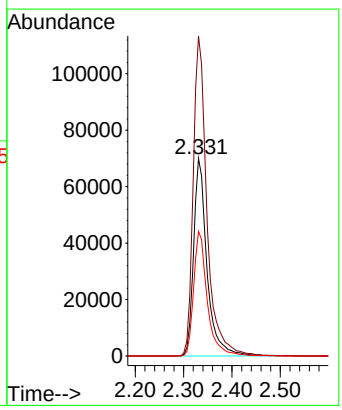
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

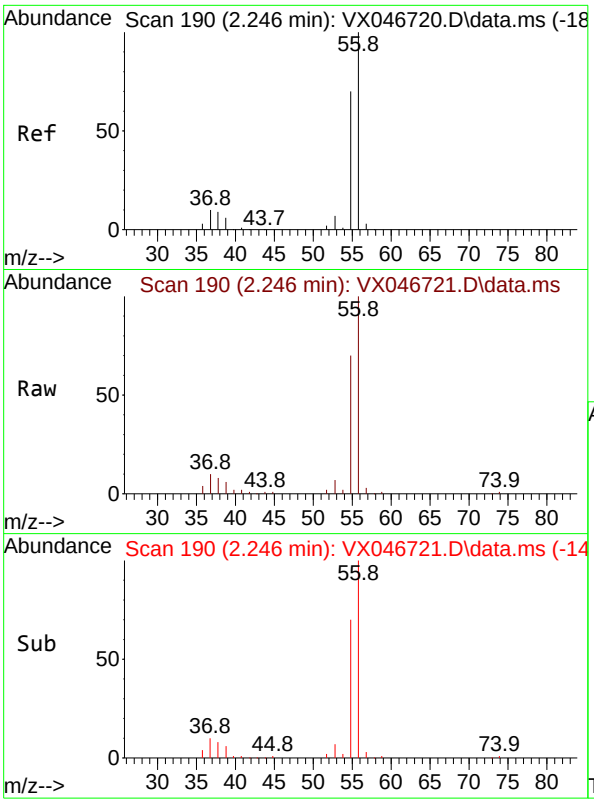


#12
1,1-Dichloroethene
Concen: 110.347 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 96 Resp: 134660

Ion	Ratio	Lower	Upper
96	100		
61	161.9	126.6	189.8
98	63.0	50.7	76.1

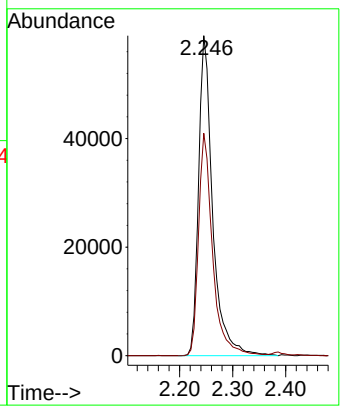




#13
Acrolein
Concen: 544.566 ug/l
RT: 2.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 56 Resp: 10879

Ion	Ratio	Lower	Upper
56	100		
55	69.7	55.2	82.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
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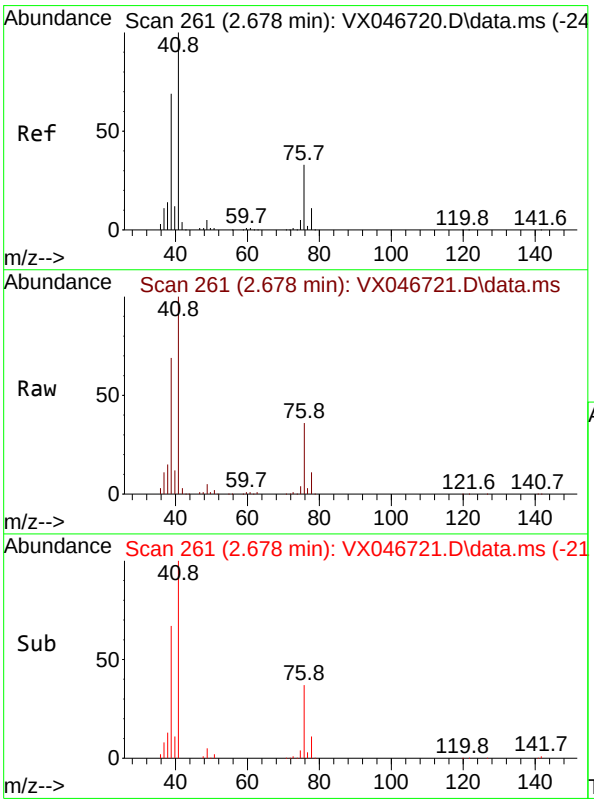
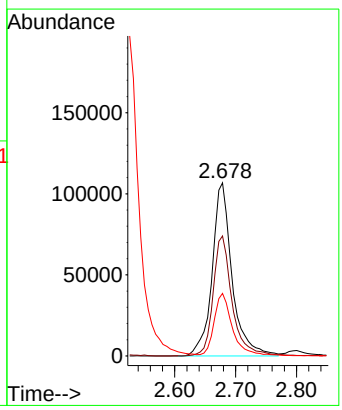
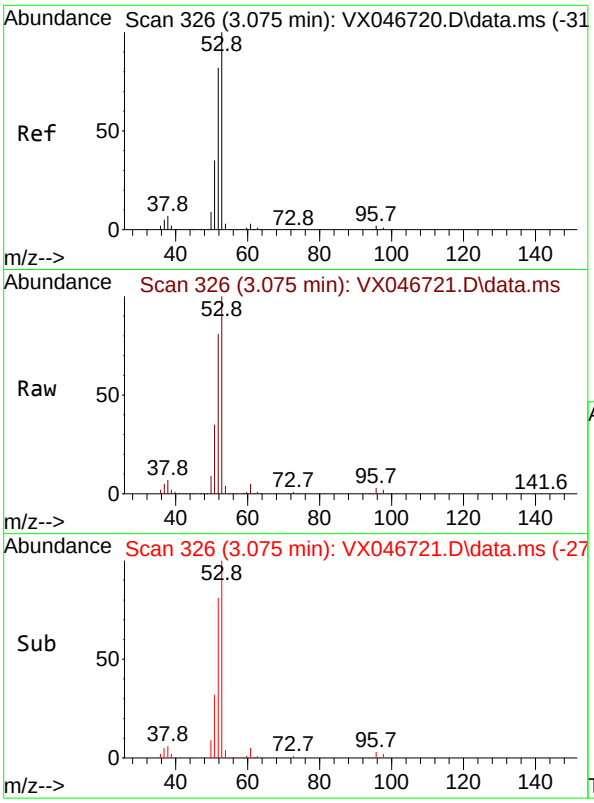


#14
Allyl chloride
Concen: 110.119 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 41 Resp: 243477

Ion	Ratio	Lower	Upper
41	100		
39	66.5	53.6	80.4
76	33.6	26.8	40.2

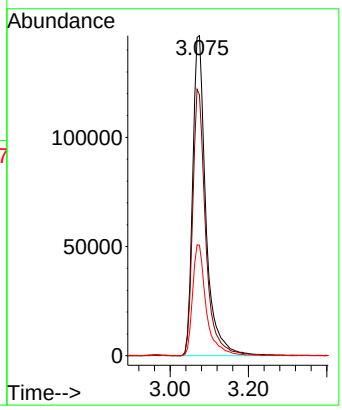




#15
Acrylonitrile
Concen: 559.348 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 53 Resp: 34498

Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.1	97.7
51	36.0	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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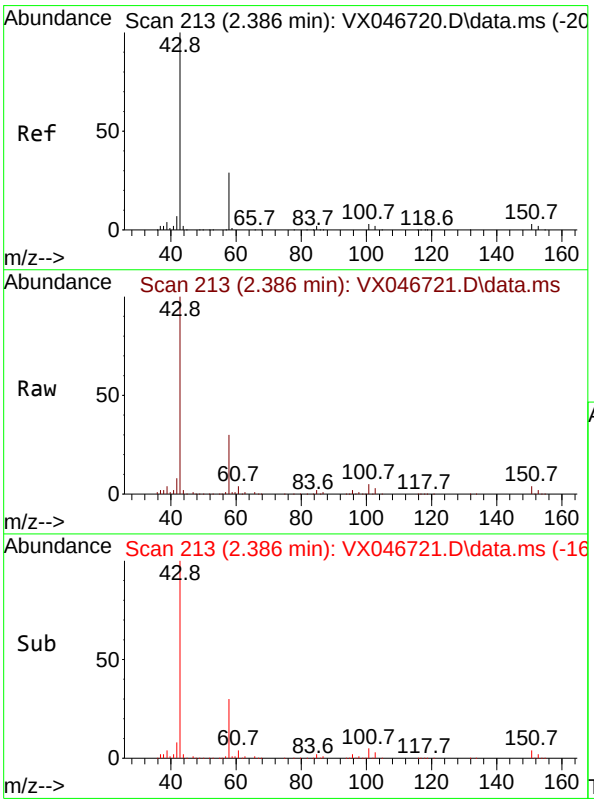
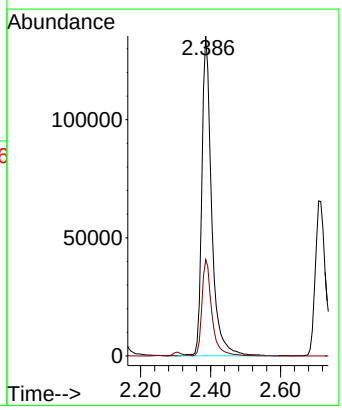
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

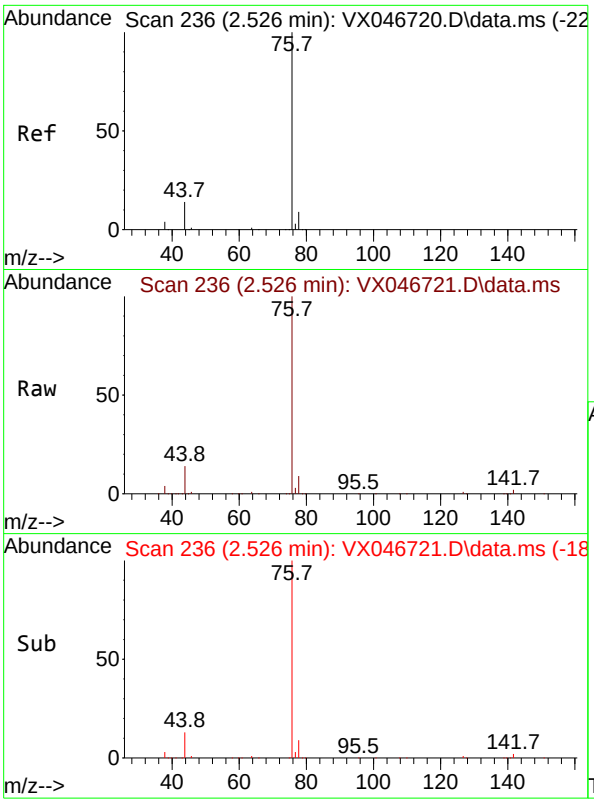


#16
Acetone
Concen: 516.133 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 263024

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.5	36.7

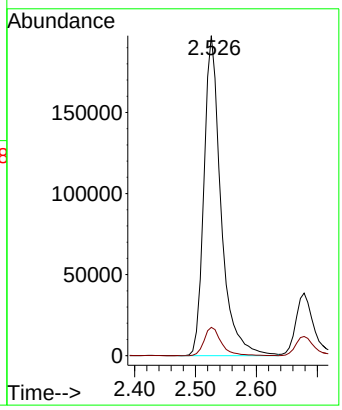




#17
Carbon Disulfide
Concen: 104.026 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 76 Resp: 38334

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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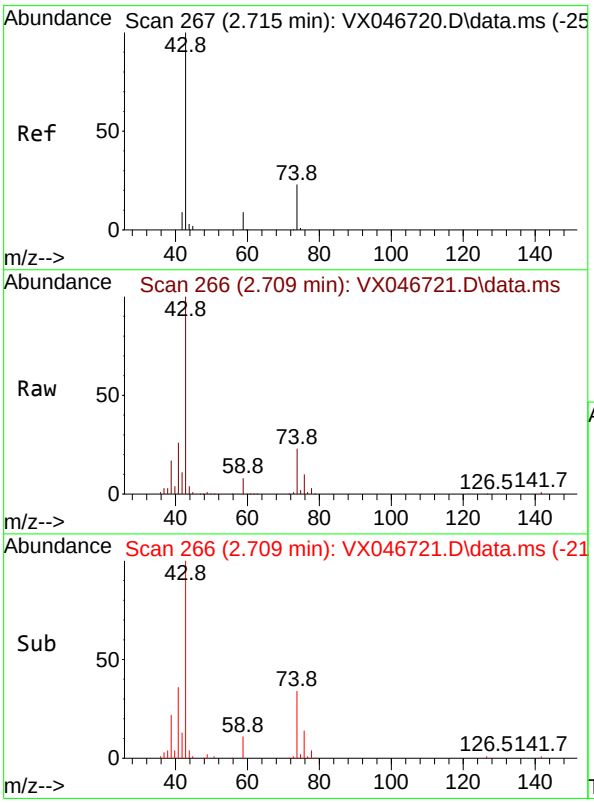
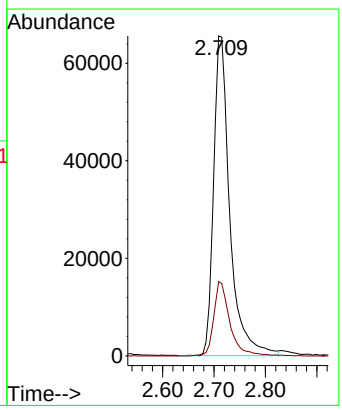
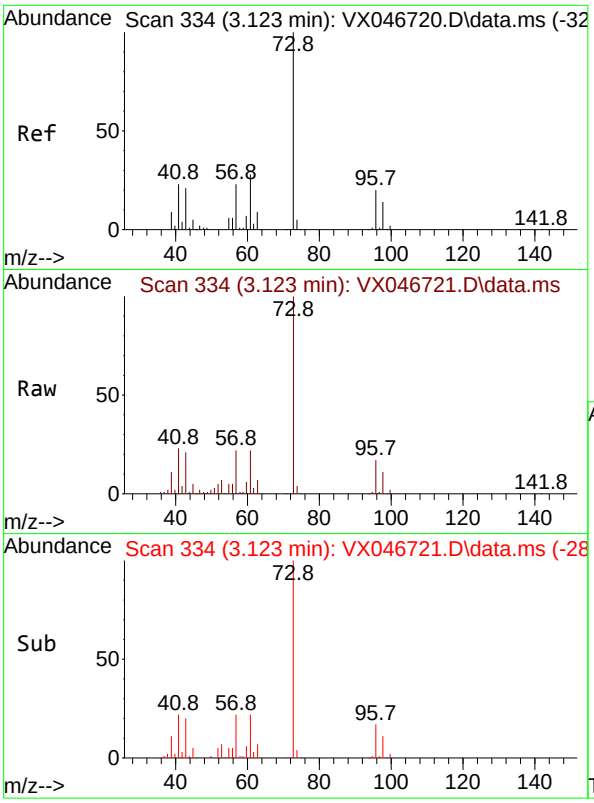


#18
Methyl Acetate
Concen: 110.909 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 143551

Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.4	27.6

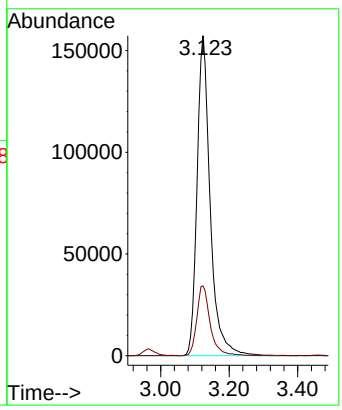




#19
Methyl tert-butyl Ether
Concen: 110.387 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 73 Resp: 41944

Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.2	27.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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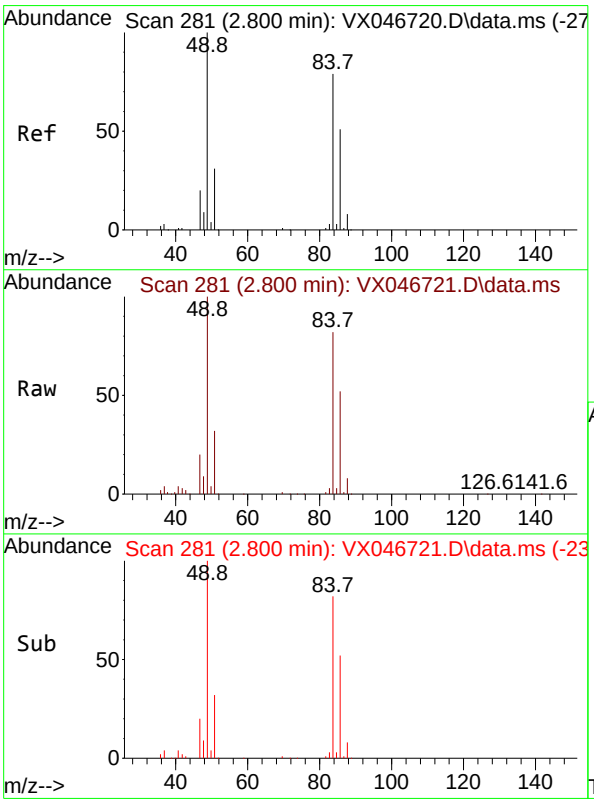
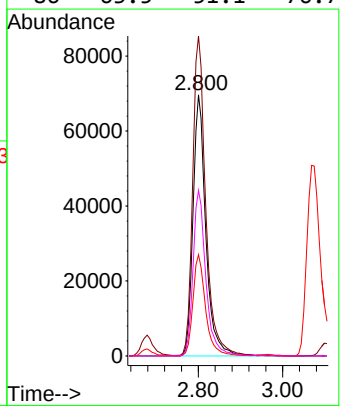
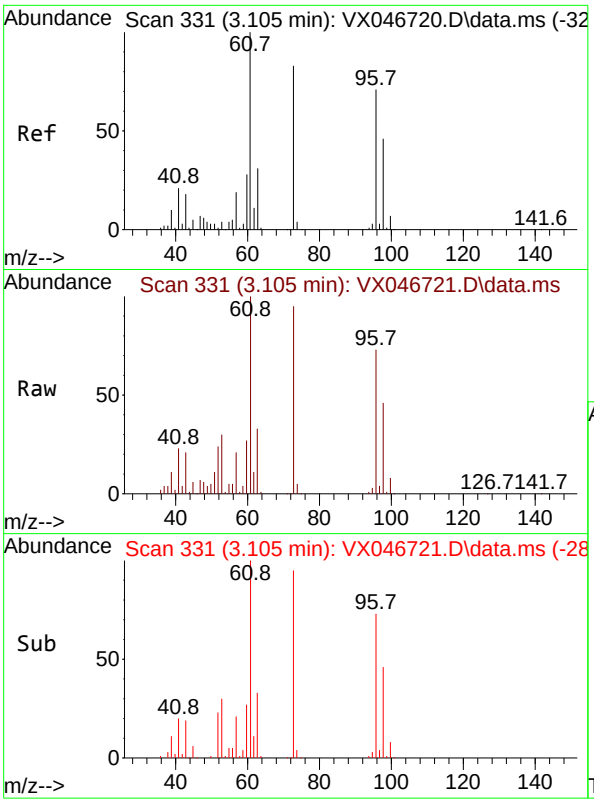


#20
Methylene Chloride
Concen: 103.828 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 84 Resp: 147144

Ion	Ratio	Lower	Upper
84	100		
49	122.3	101.3	151.9
51	38.8	31.0	46.6
86	63.5	51.1	76.7

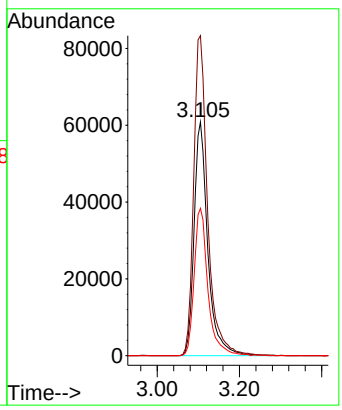




#21
trans-1,2-Dichloroethene
Concen: 107.824 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 96 Resp: 14079

Ion	Ratio	Lower	Upper
96	100		
61	136.9	112.5	168.7
98	63.1	51.9	77.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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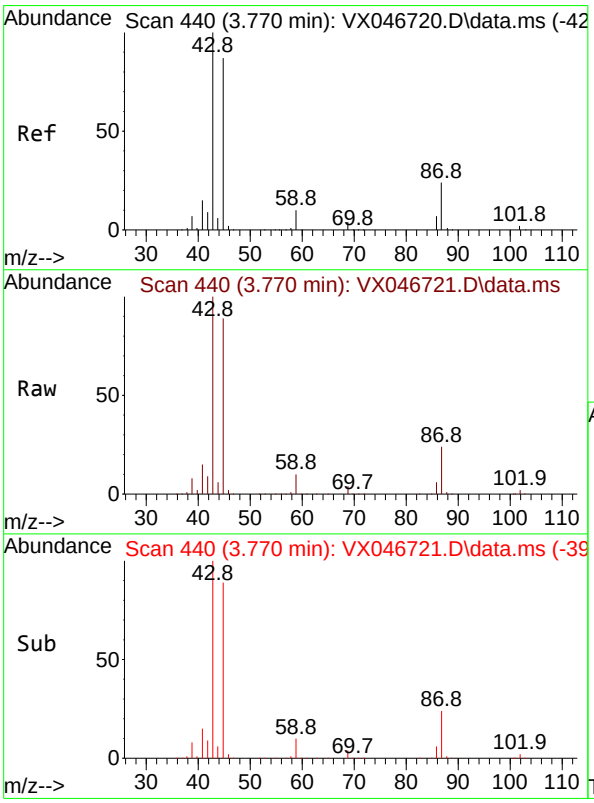
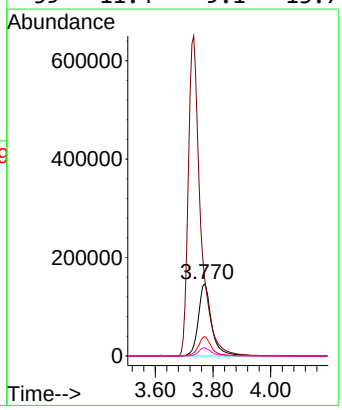
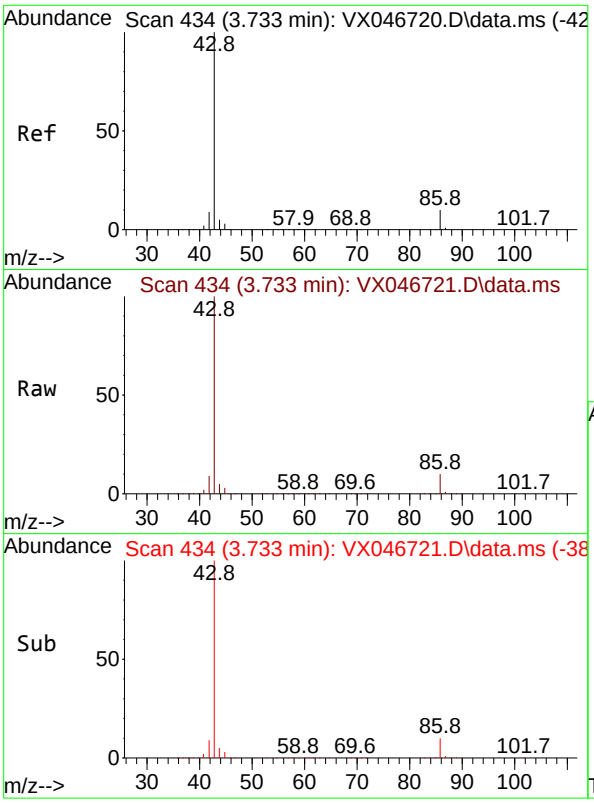


#22
Diisopropyl ether
Concen: 109.846 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 45 Resp: 466831

Ion	Ratio	Lower	Upper
45	100		
43	112.3	91.9	137.9
87	26.8	22.0	33.0
59	11.4	9.1	13.7





#23
Vinyl Acetate
Concen: 571.126 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 193013

Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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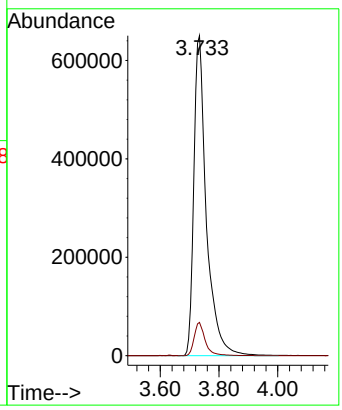
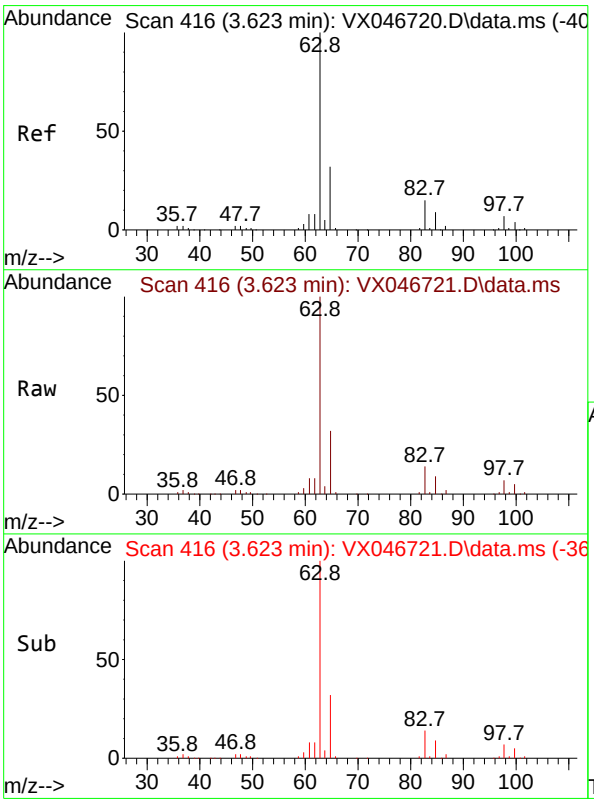
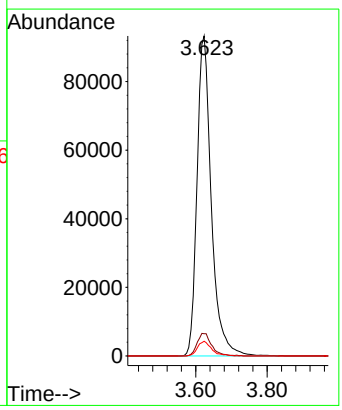


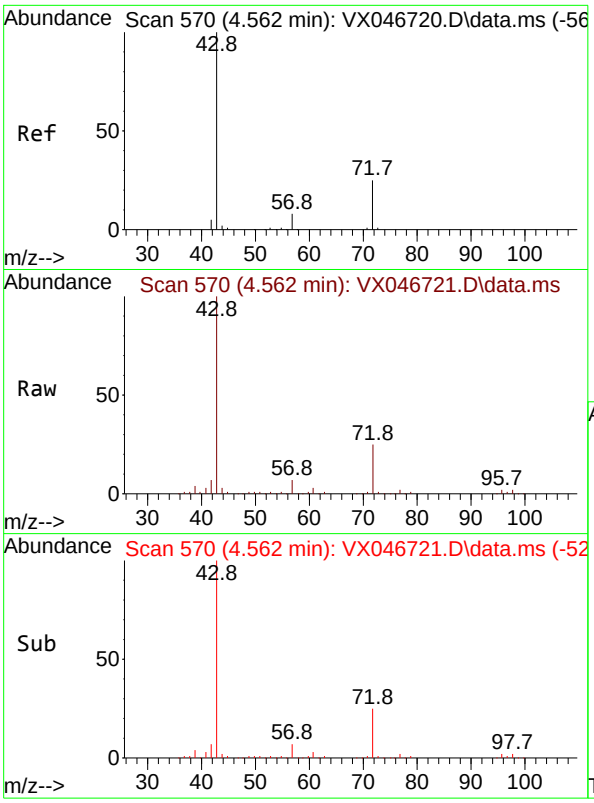


#24
1,1-Dichloroethane
Concen: 107.149 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 63 Resp: 258546

Ion	Ratio	Lower	Upper
63	100		
98	7.0	4.0	11.9
100	4.6	2.2	6.6

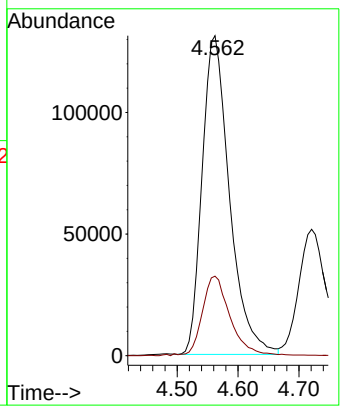




#25
2-Butanone
Concen: 568.810 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 40996

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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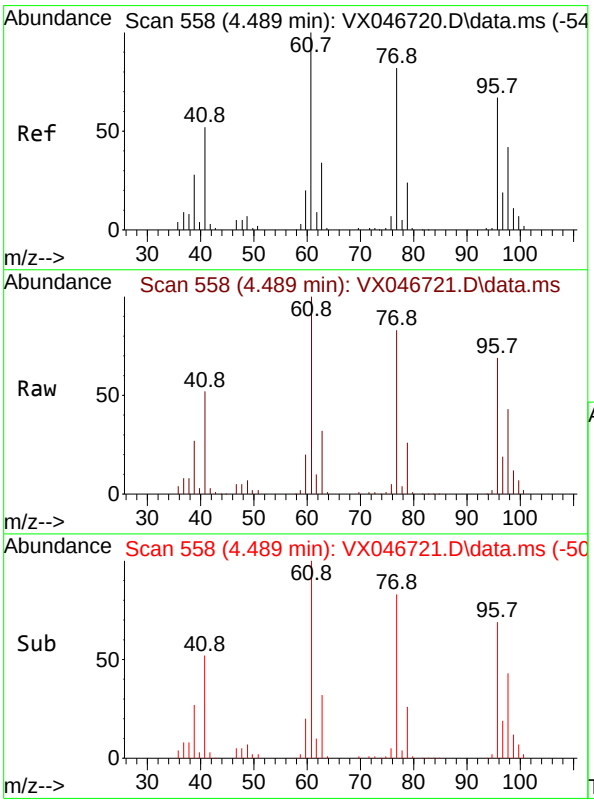
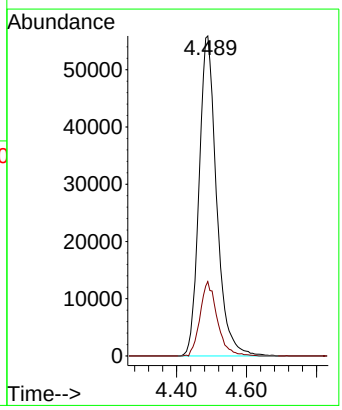
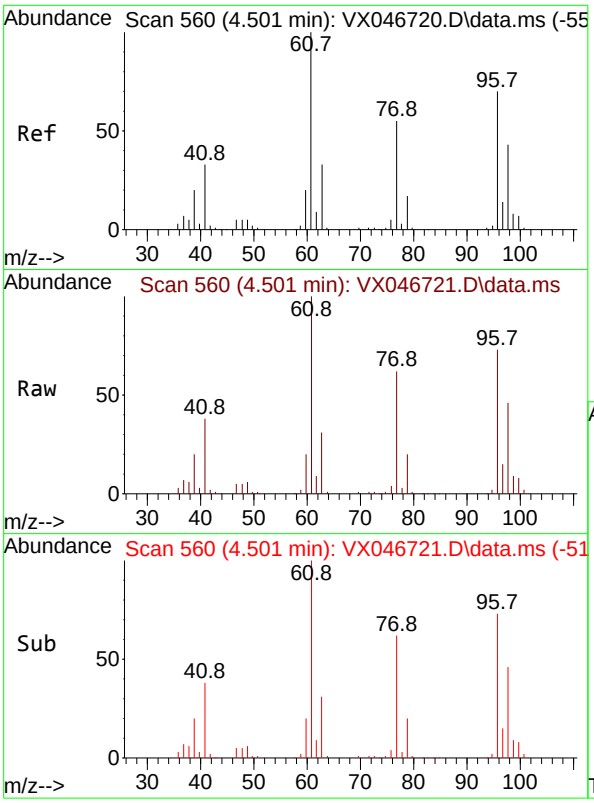


#26
2,2-Dichloropropane
Concen: 110.239 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 77 Resp: 194006

Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.8	35.3





#27
cis-1,2-Dichloroethene
Concen: 106.691 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 96 Resp: 16367

Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	291.0
98	64.6	0.0	126.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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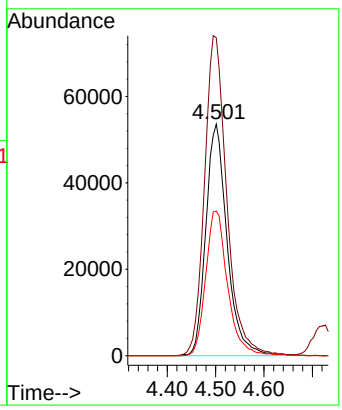
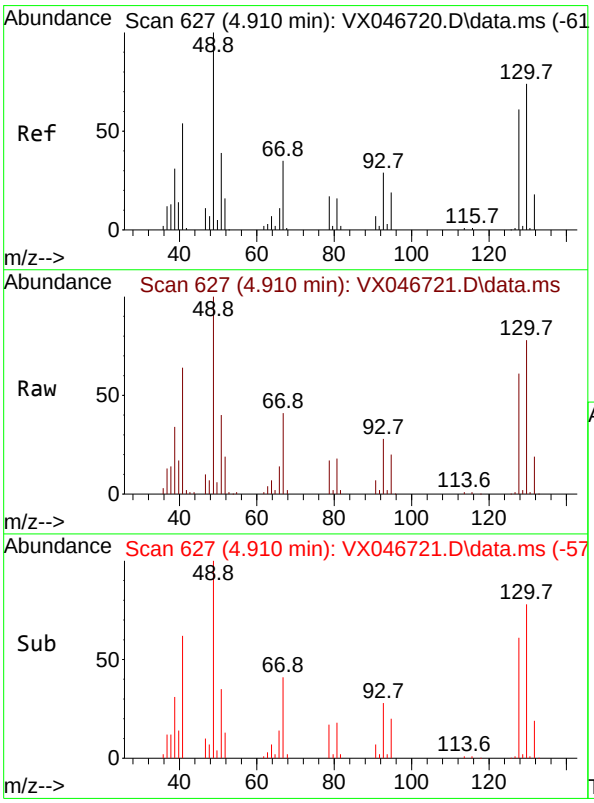
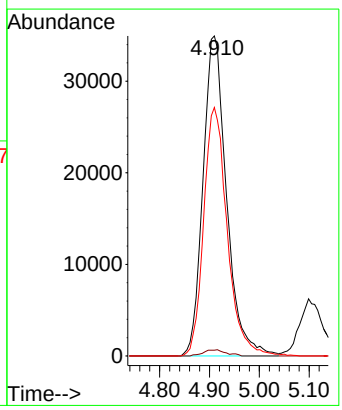


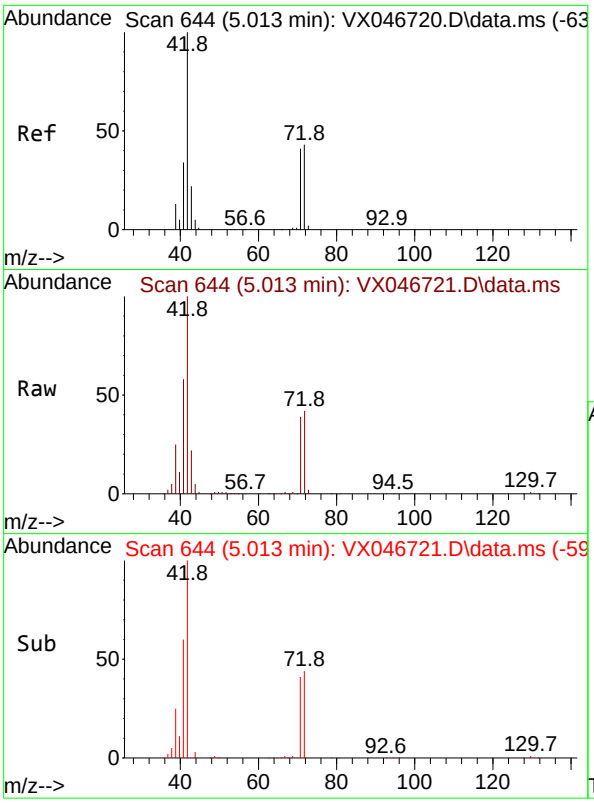


#28
Bromochloromethane
Concen: 104.869 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 49 Resp: 114720

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	77.6	61.4	92.0





#29
Tetrahydrofuran
Concen: 569.746 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 42 Resp: 26523

Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.9	52.3
71	40.2	32.2	48.2

Instrument :
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VSTDICC100

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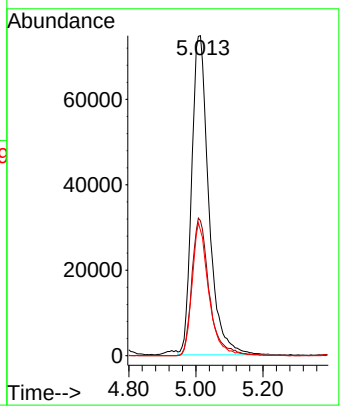
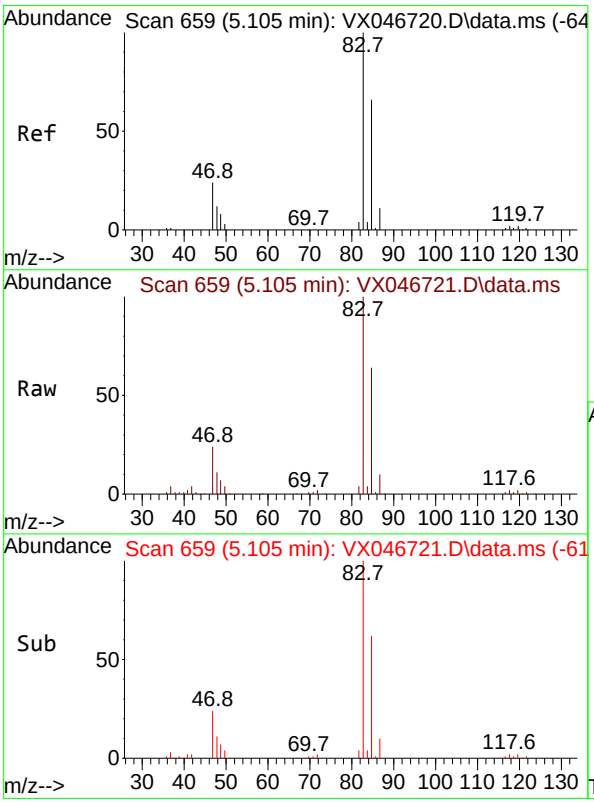
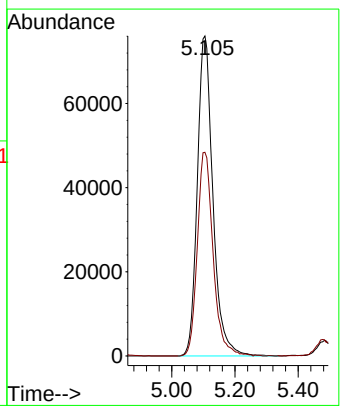


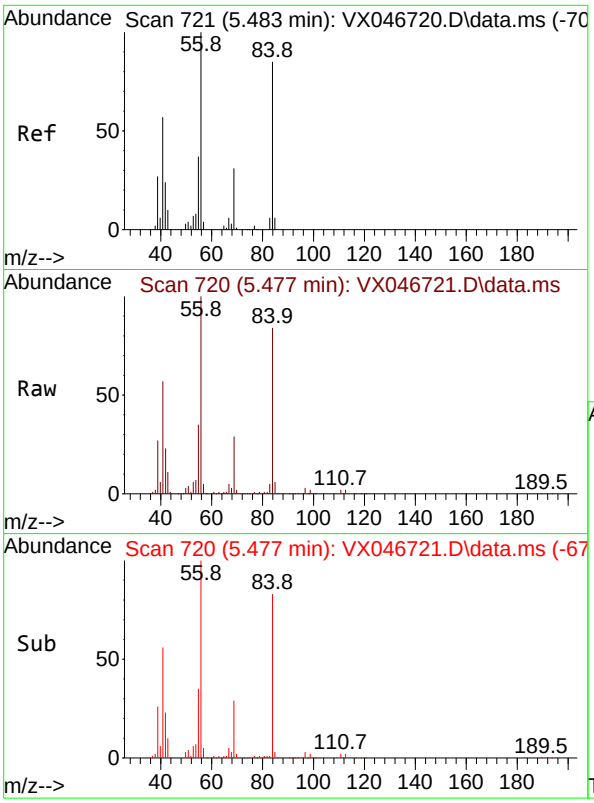


#30
Chloroform
Concen: 108.113 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 83 Resp: 260888

Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.7	80.5





#31
Cyclohexane
Concen: 103.757 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 56 Resp: 23742

Ion	Ratio	Lower	Upper
56	100		
69	28.9	24.8	37.2
84	81.9	68.2	102.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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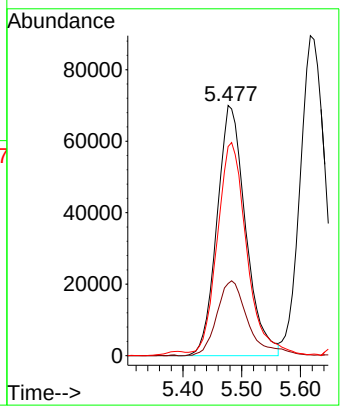
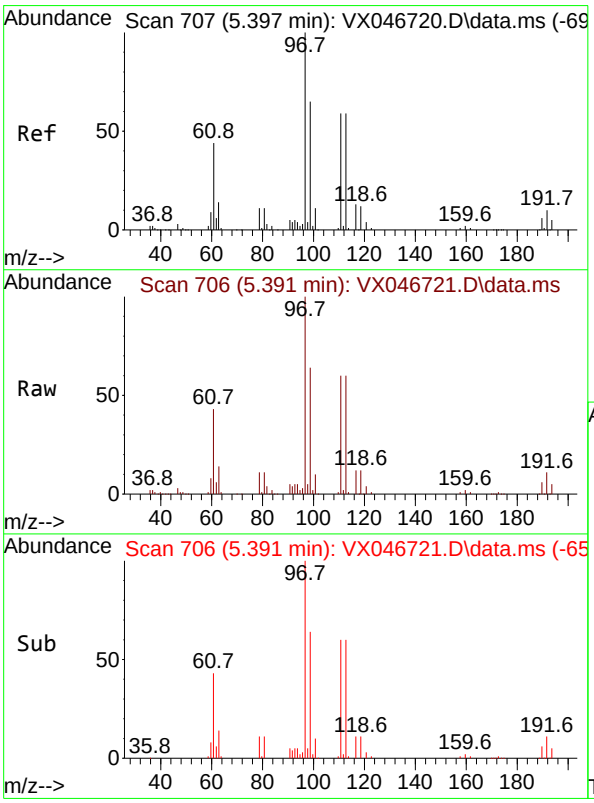
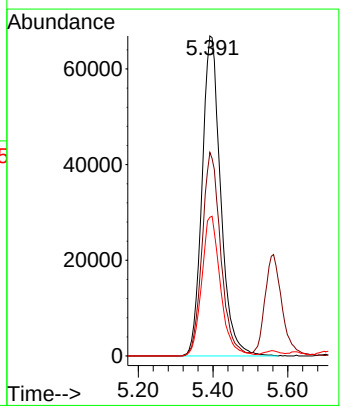


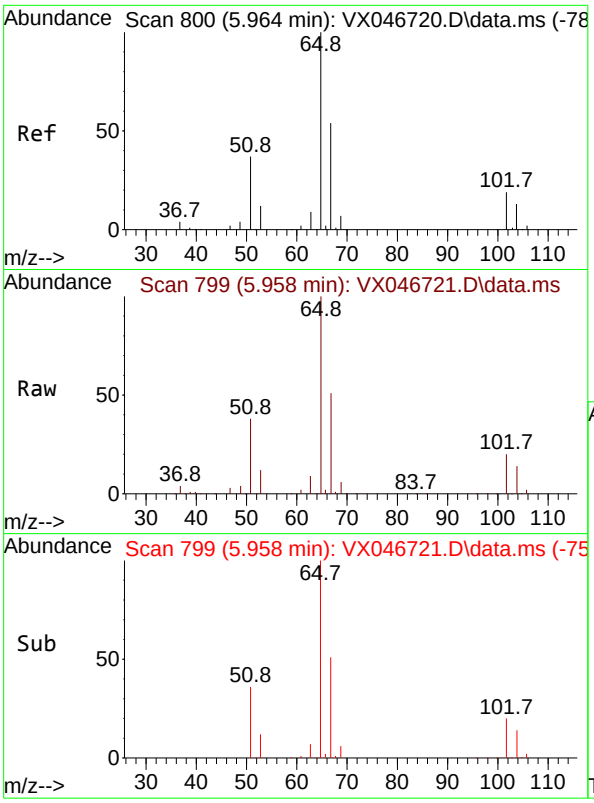


#32
1,1,1-Trichloroethane
Concen: 109.198 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 97 Resp: 231101

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	44.1	36.4	54.6

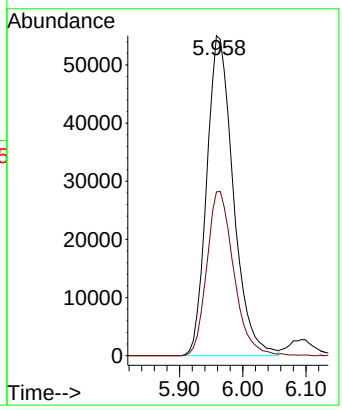




#33
1,2-Dichloroethane-d4
Concen: 105.037 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 65 Resp: 16051

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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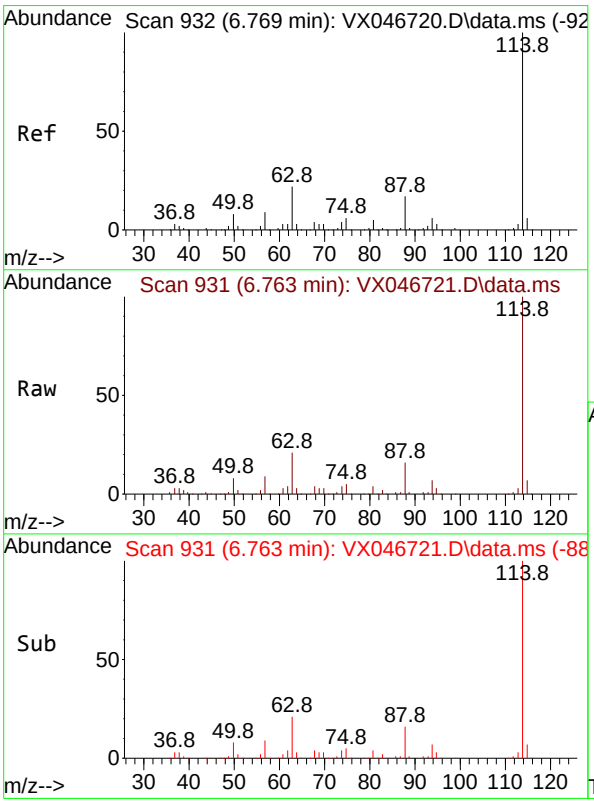
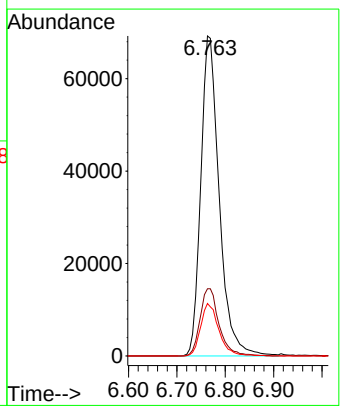
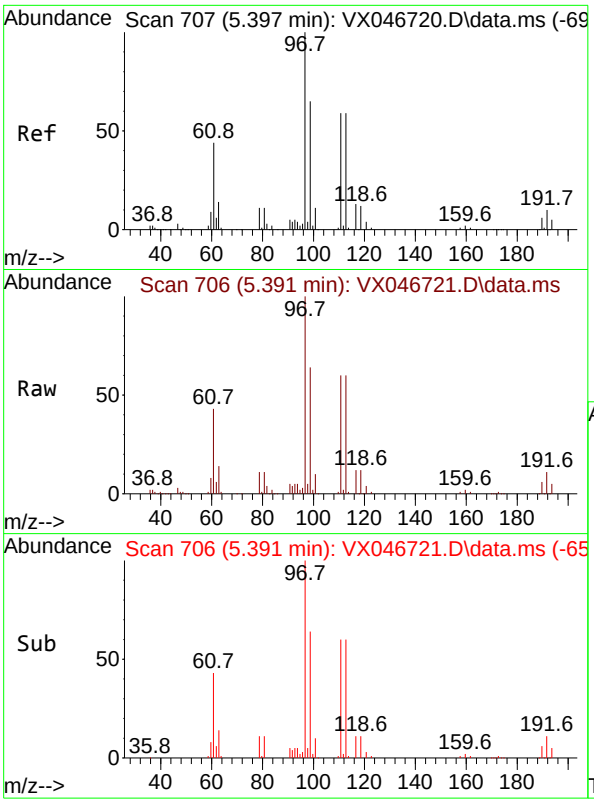


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:114 Resp: 183300

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	44.2
88	16.4	0.0	33.2

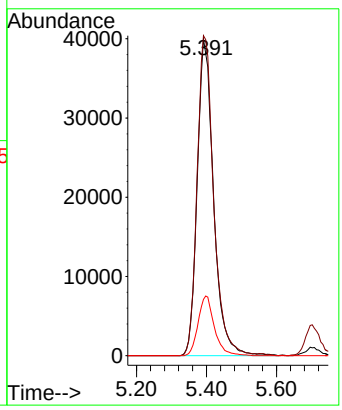




#35
Dibromofluoromethane
Concen: 107.136 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:113 Resp: 12993

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	18.7	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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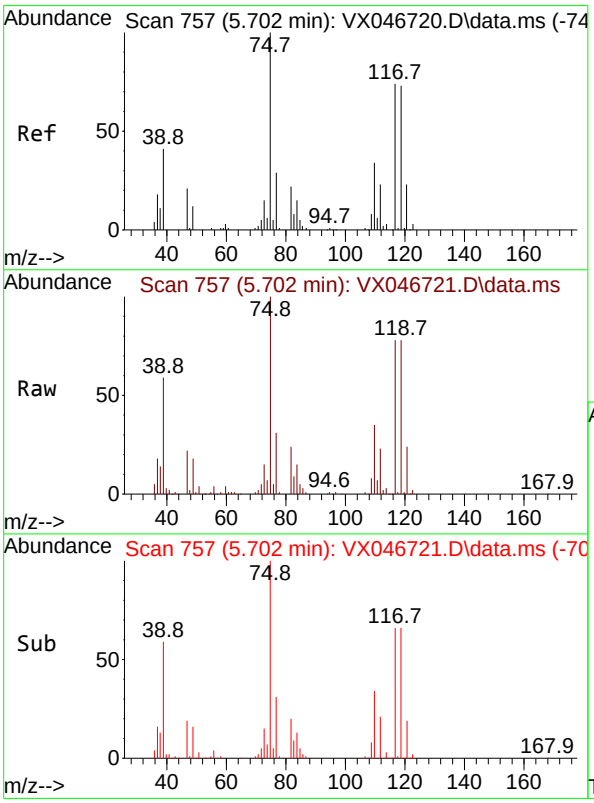
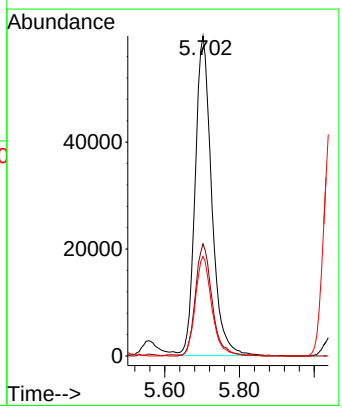
Supervised By :Mahesh Dadoda 06/18/2025

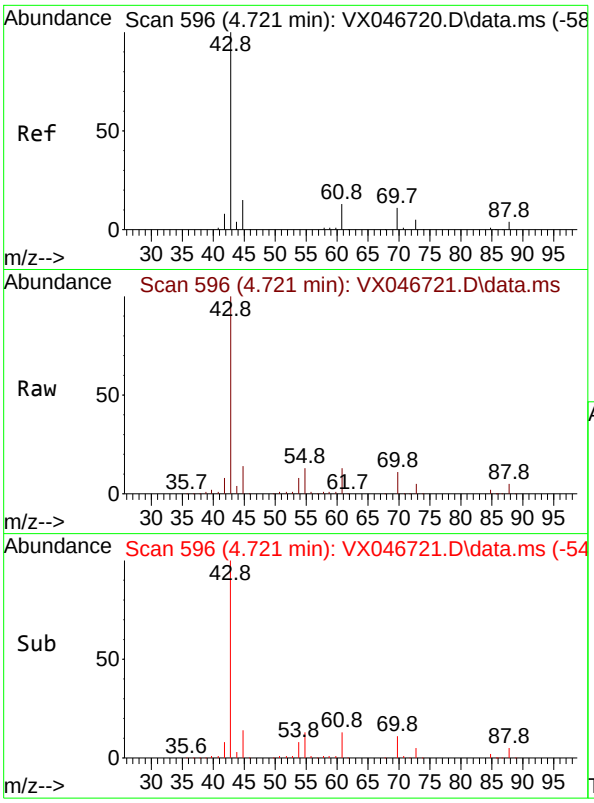


#36
1,1-Dichloropropene
Concen: 104.733 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 183355

Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.2	51.5
77	31.2	24.2	36.4





#37
Ethyl Acetate
Concen: 106.094 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 17144

Ion	Ratio	Lower	Upper
43	100		
61	13.8	9.7	14.5
70	10.4	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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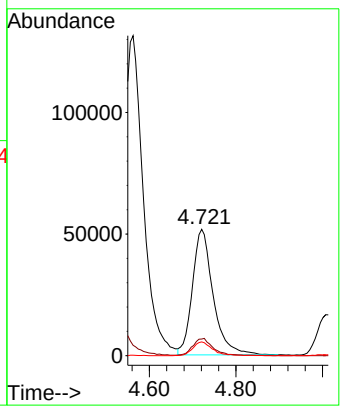
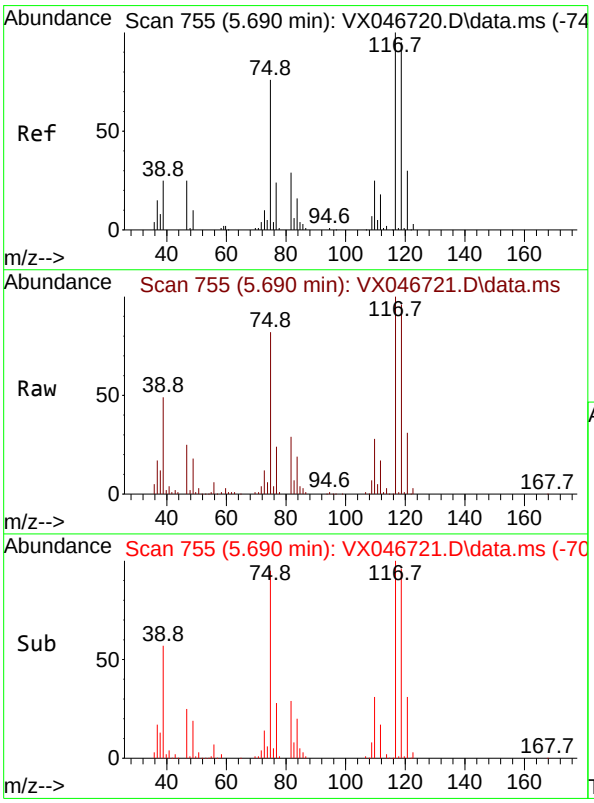
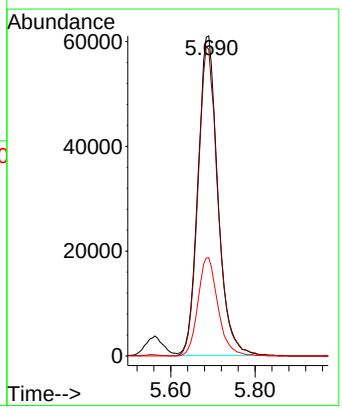


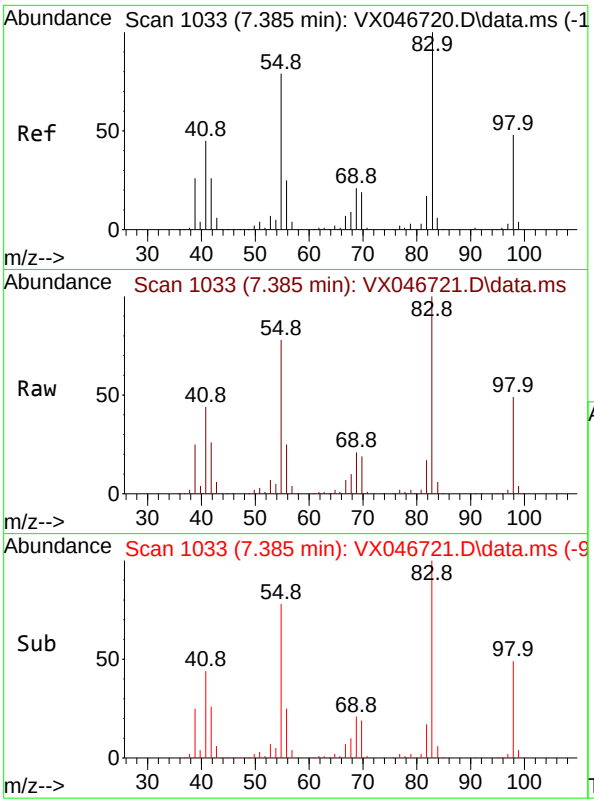


#38
Carbon Tetrachloride
Concen: 105.749 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:117 Resp: 200914

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.2	112.8
121	30.8	24.1	36.1





#39
Methylcyclohexane
Concen: 106.902 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 83 Resp: 24627

Ion	Ratio	Lower	Upper
83	100		
55	77.9	63.0	94.4
98	48.8	38.8	58.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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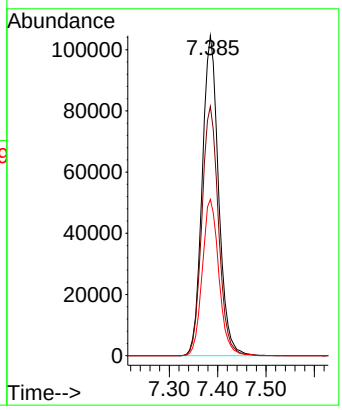
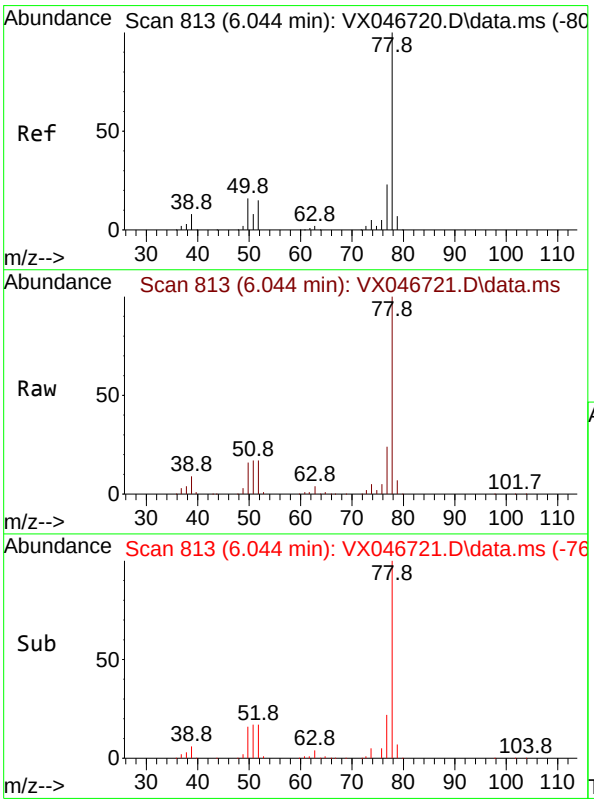
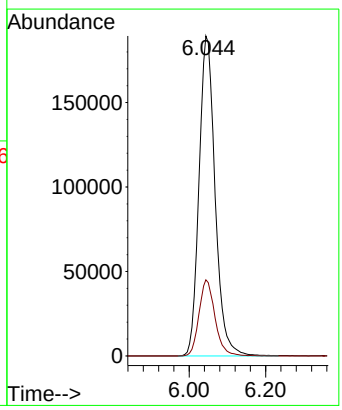


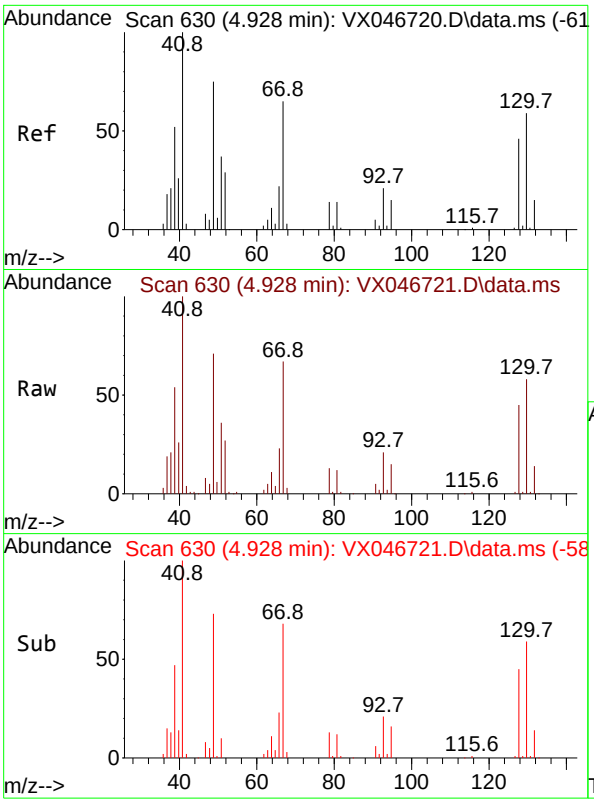


#40
Benzene
Concen: 106.798 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 78 Resp: 553336

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2

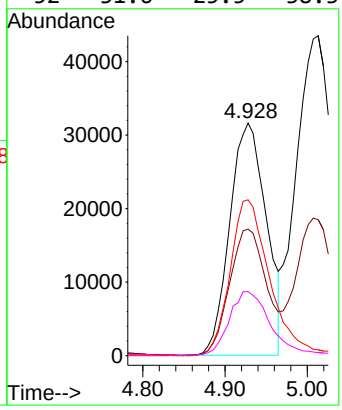




#41
Methacrylonitrile
Concen: 113.502 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 41 Resp: 9778

Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.9	68.9
67	73.6	61.2	91.8
52	31.6	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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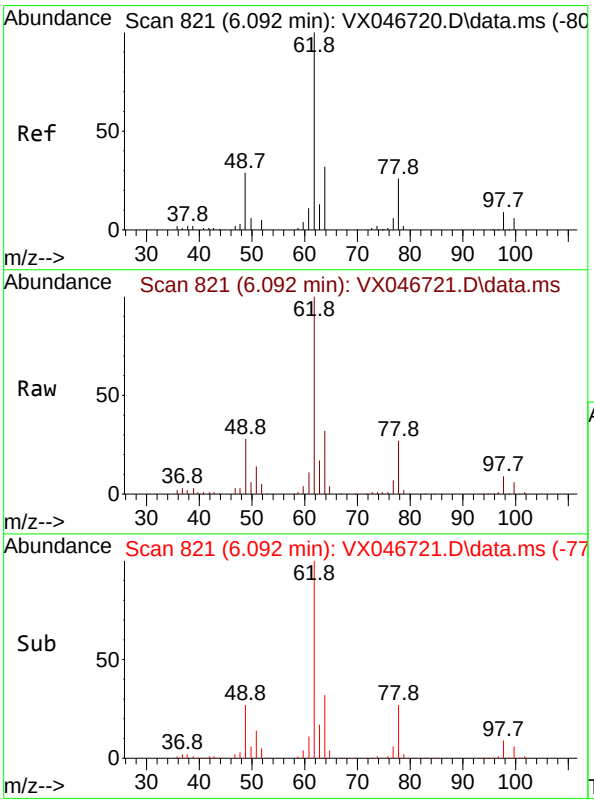
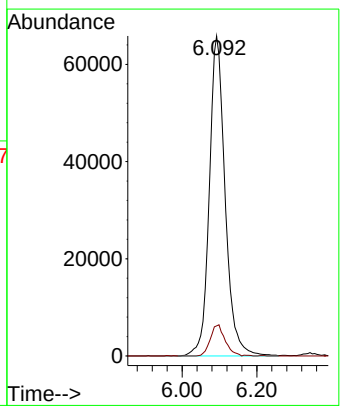
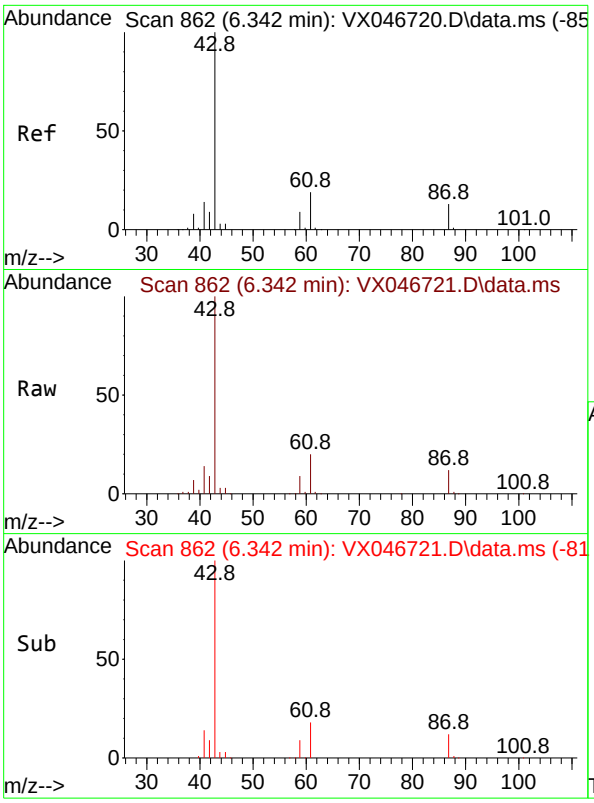


#42
1,2-Dichloroethane
Concen: 106.278 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 62 Resp: 193498

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8





#43
Isopropyl Acetate
Concen: 115.264 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 29146

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.3	22.9
87	12.5	10.0	15.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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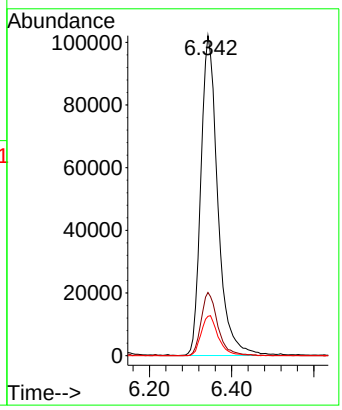
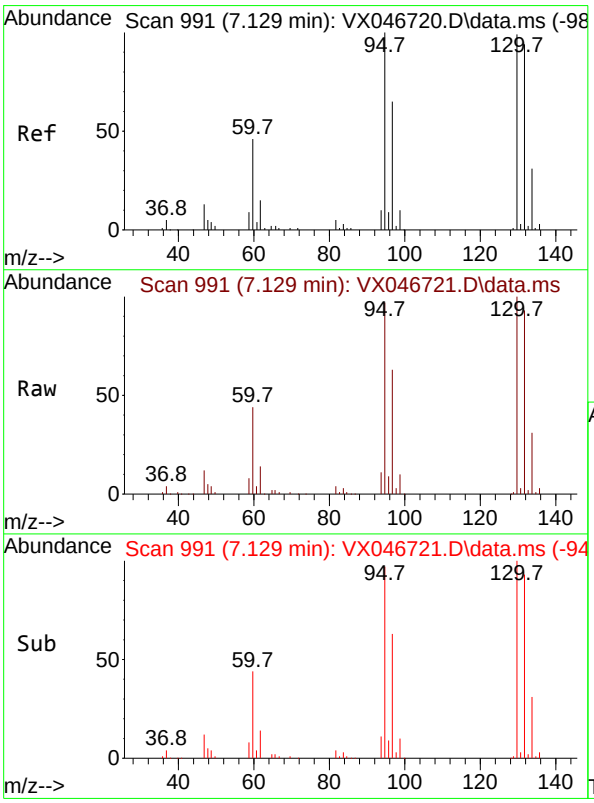
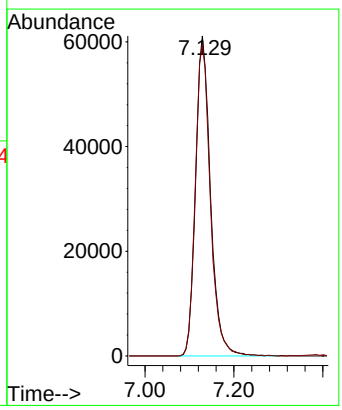


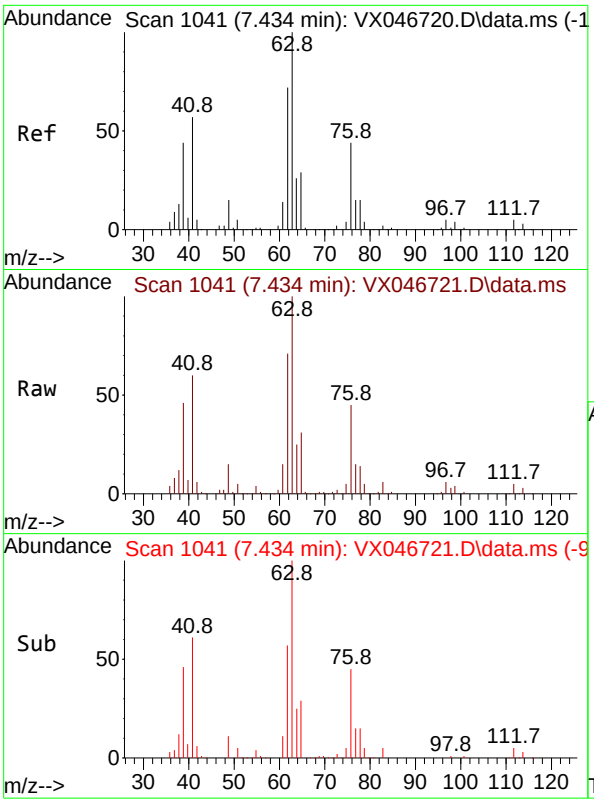


#44
Trichloroethene
Concen: 108.043 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:130 Resp: 142659

Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	202.6

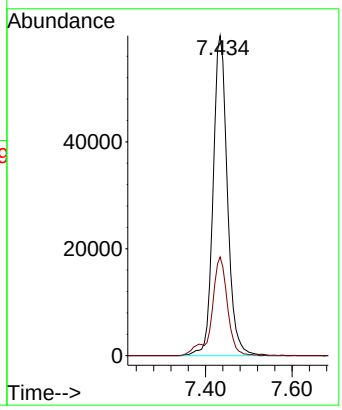




#45
1,2-Dichloropropane
Concen: 106.920 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 63 Resp: 13729

Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.9	34.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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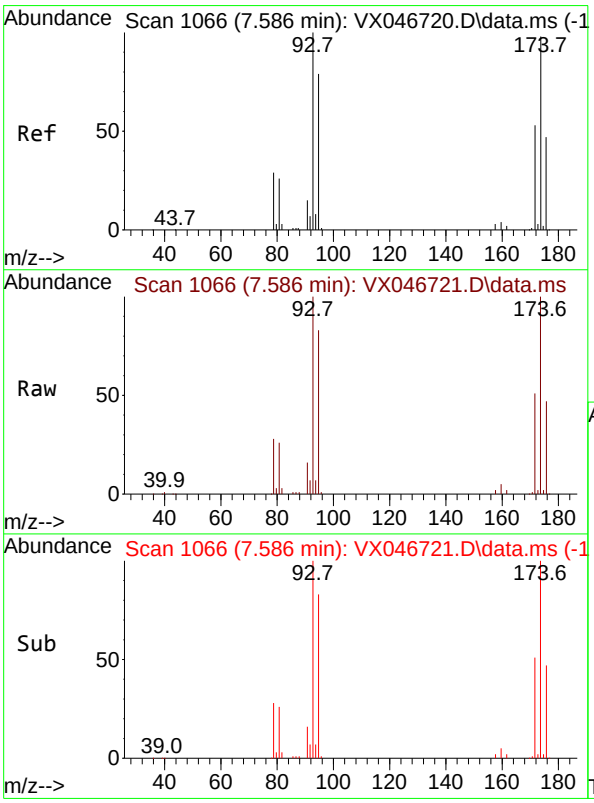
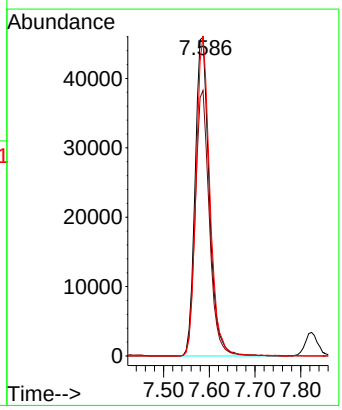
Supervised By :Mahesh Dadoda 06/18/2025

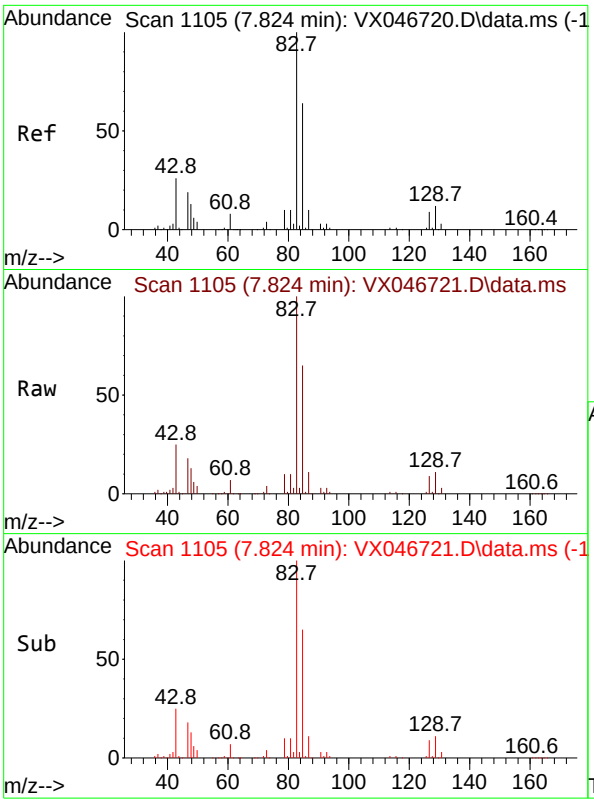


#46
Dibromomethane
Concen: 107.240 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 93 Resp: 98964

Ion	Ratio	Lower	Upper
93	100		
95	82.5	66.2	99.4
174	97.4	77.0	115.6

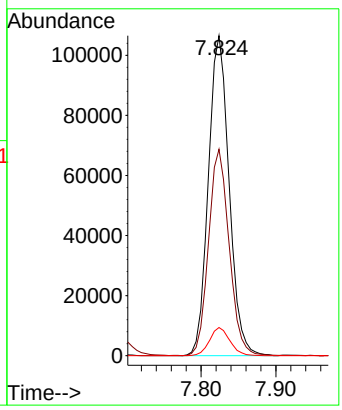




#47
Bromodichloromethane
Concen: 109.319 ug/l
RT: 7.824 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 83 Resp: 20587

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.2
127	8.8	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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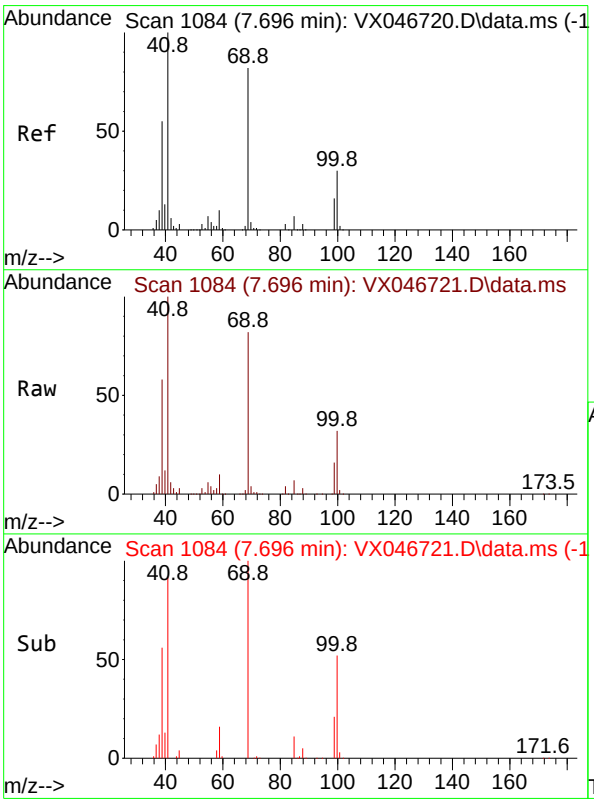
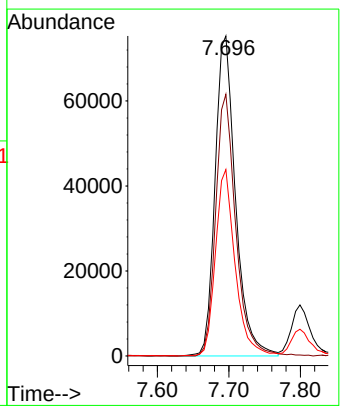
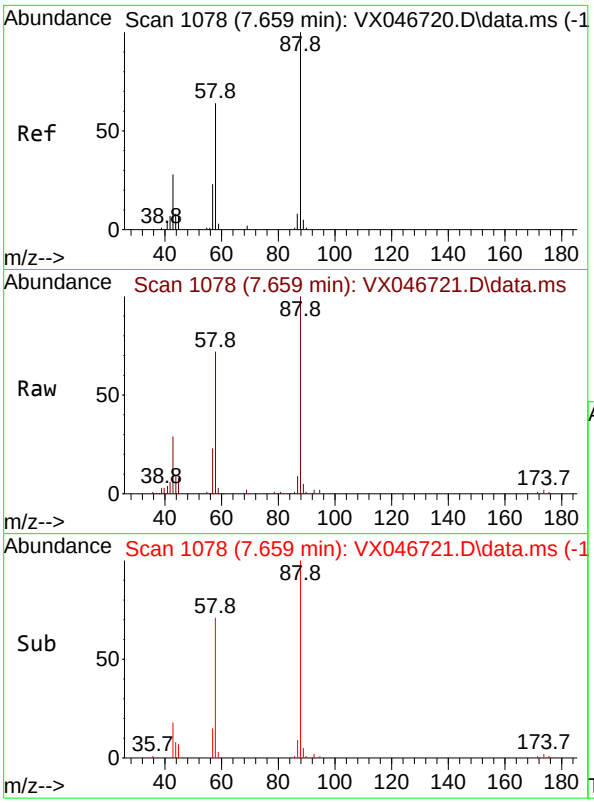


#48
Methyl methacrylate
Concen: 118.279 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 41 Resp: 150002

Ion	Ratio	Lower	Upper
41	100		
69	80.4	63.4	95.2
39	56.2	45.4	68.0

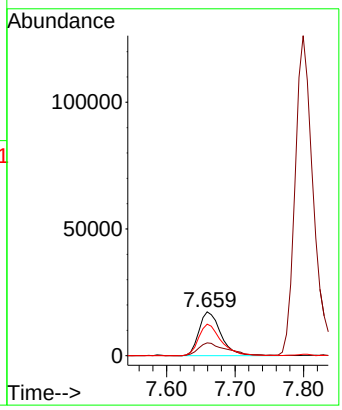




#49
1,4-Dioxane
Concen: 2040.447 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 88 Resp: 3820

Ion	Ratio	Lower	Upper
88	100		
43	37.8	31.2	46.8
58	73.7	54.7	82.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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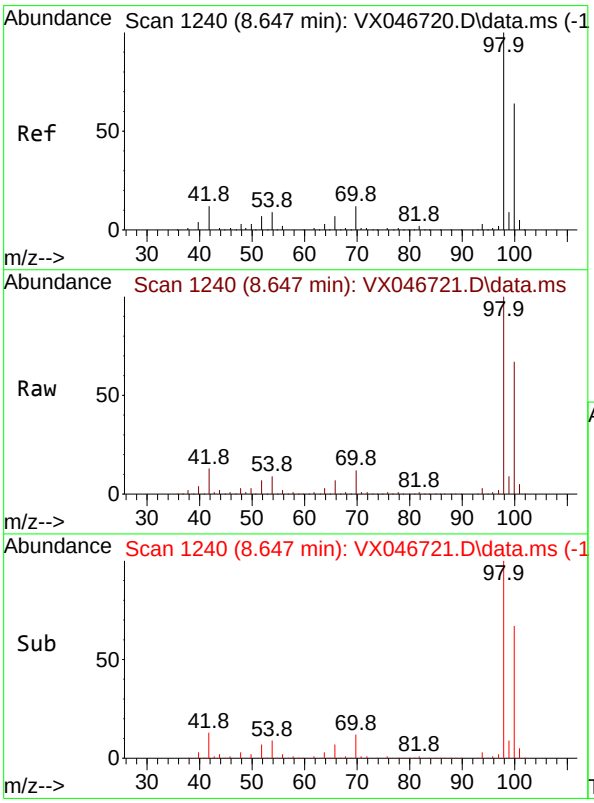
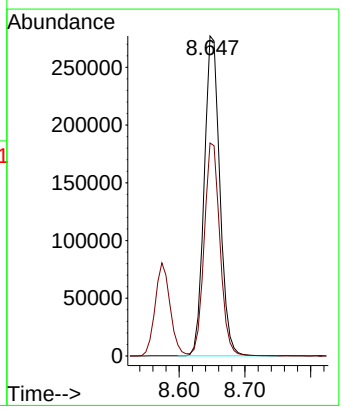
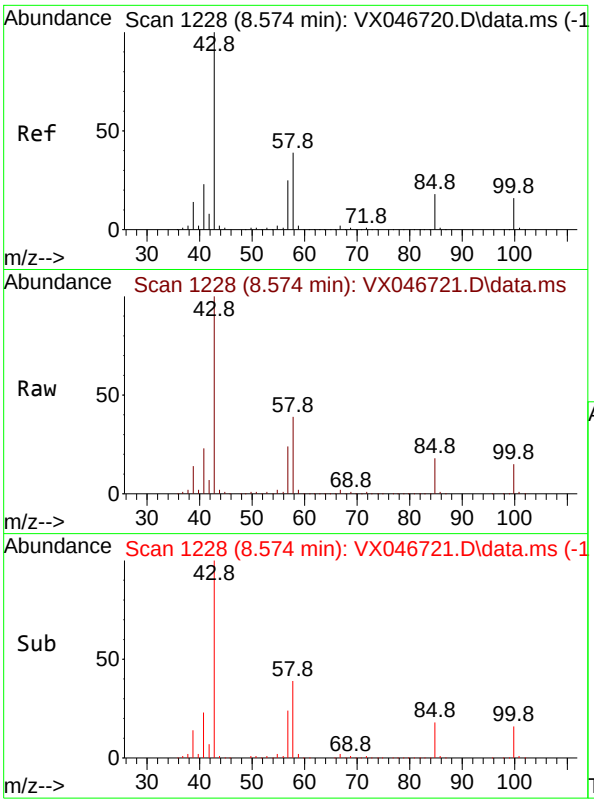


#50
Toluene-d8
Concen: 105.153 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 98 Resp: 458174

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4

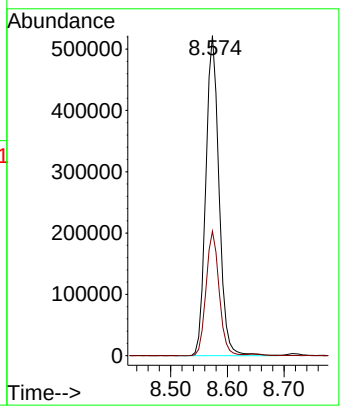




#51
4-Methyl-2-Pentanone
Concen: 559.584 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 84394

Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.8	46.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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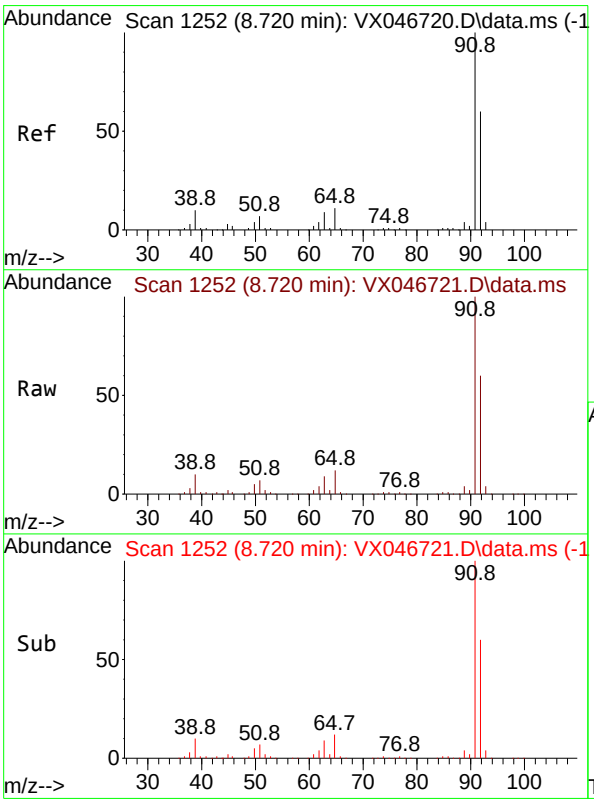
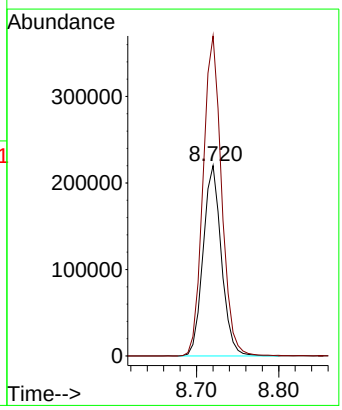
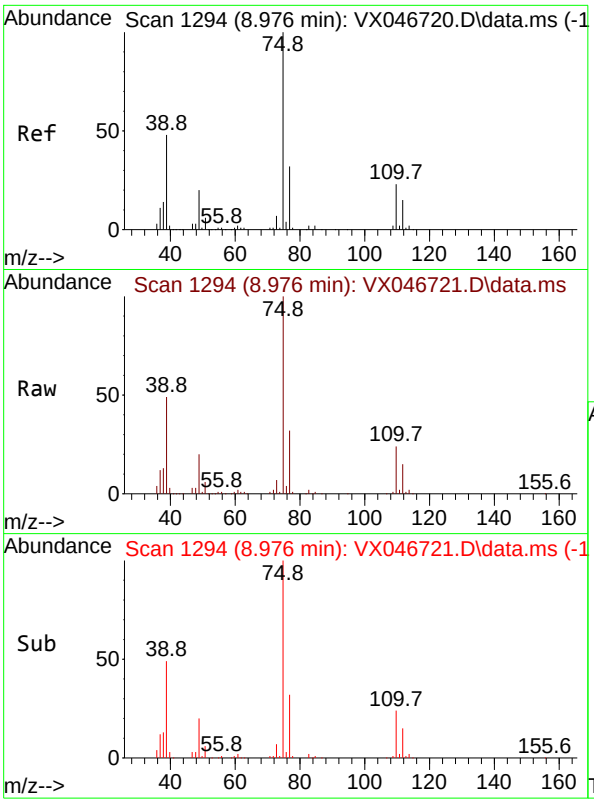


#52
Toluene
Concen: 105.772 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 92 Resp: 339735

Ion	Ratio	Lower	Upper
92	100		
91	170.4	134.8	202.2

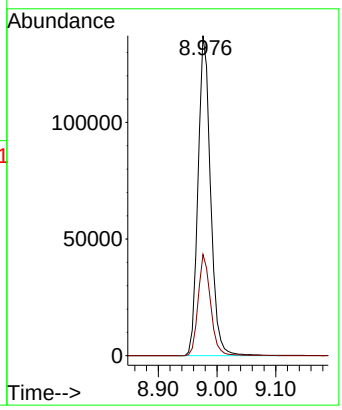




#53
t-1,3-Dichloropropene
Concen: 116.448 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 20347

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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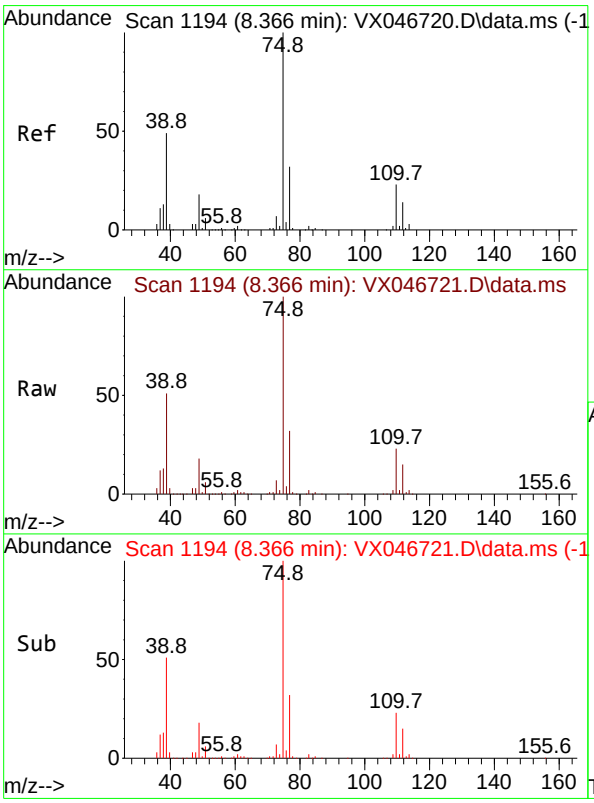
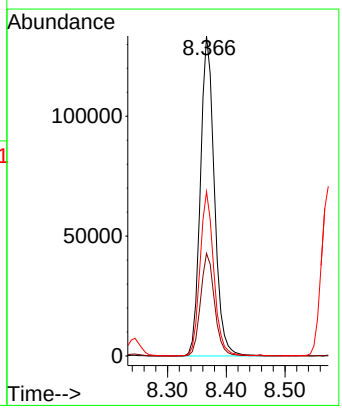
Supervised By :Mahesh Dadoda 06/18/2025

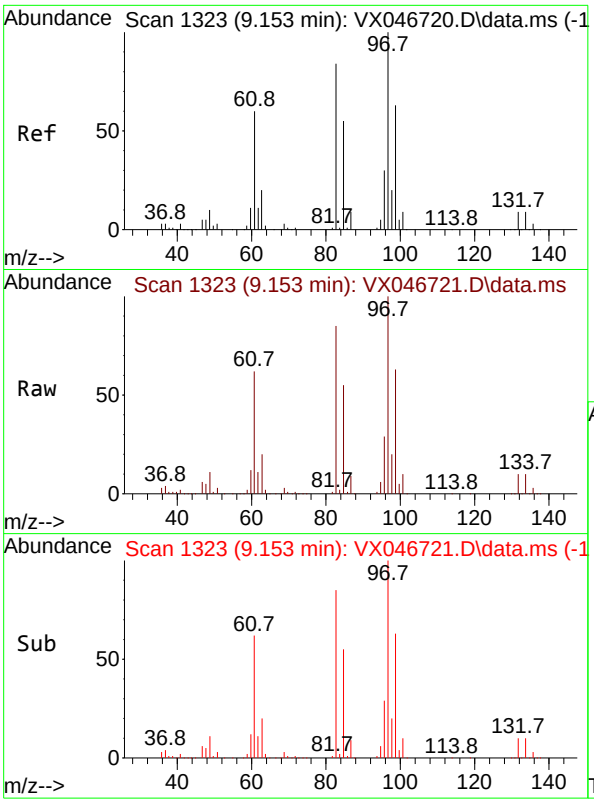


#54
cis-1,3-Dichloropropene
Concen: 111.537 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 221241

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	51.0	39.2	58.8

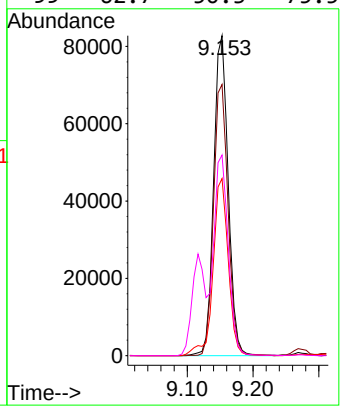




#55
1,1,2-Trichloroethane
Concen: 106.264 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 97 Resp: 12719

Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.2	100.8
85	55.4	44.1	66.1
99	62.7	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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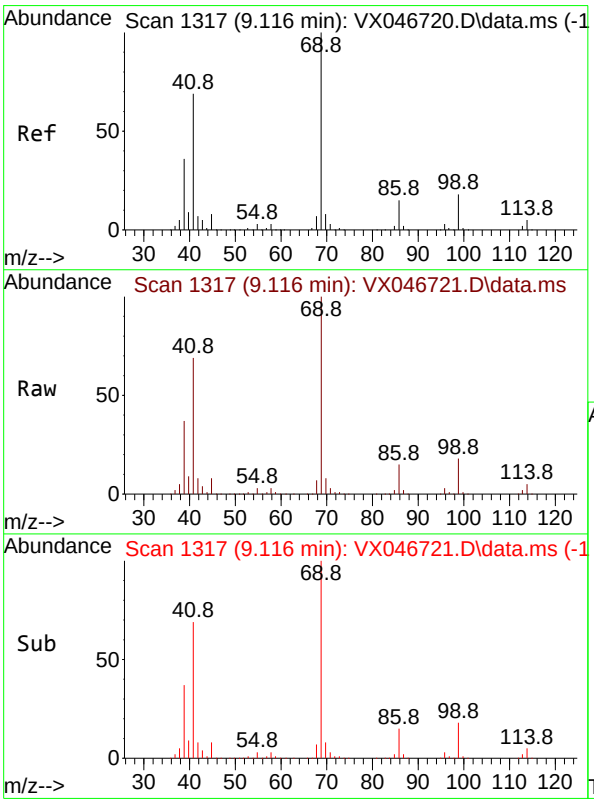
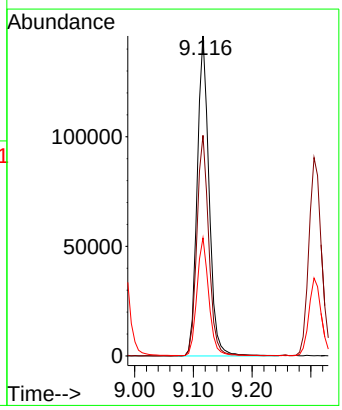
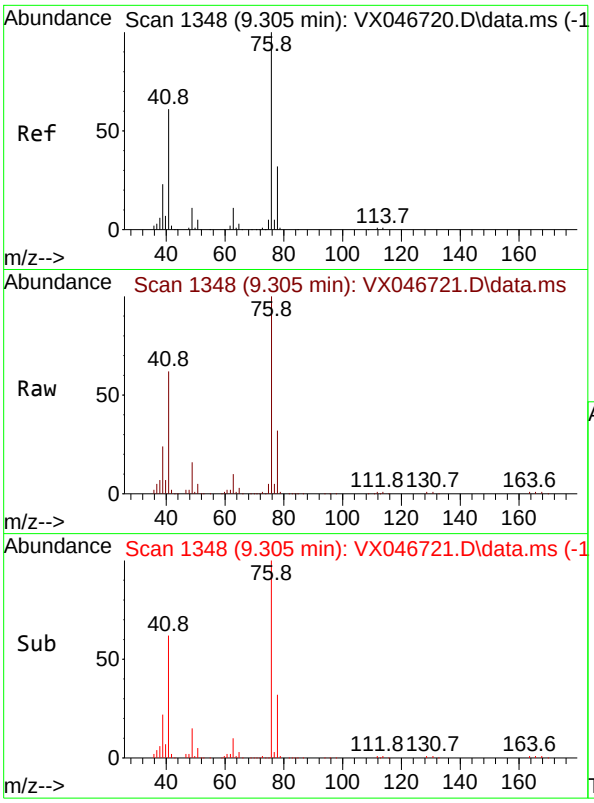


#56
Ethyl methacrylate
Concen: 116.106 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 69 Resp: 205153

Ion	Ratio	Lower	Upper
69	100		
41	69.6	55.4	83.2
39	36.9	29.7	44.5





#57
1,3-Dichloropropane
Concen: 106.740 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 76 Resp: 22002

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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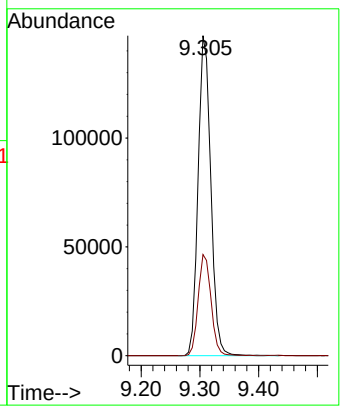
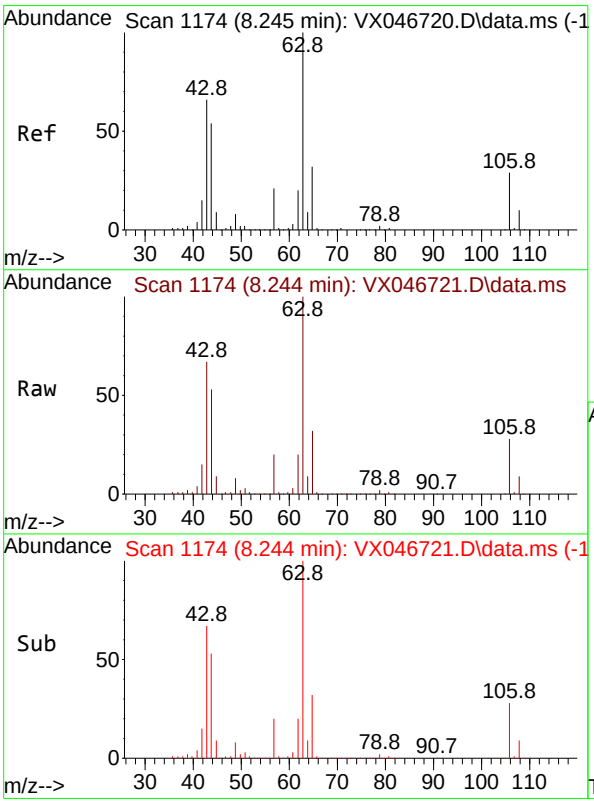
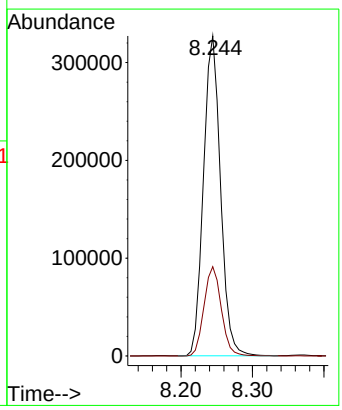


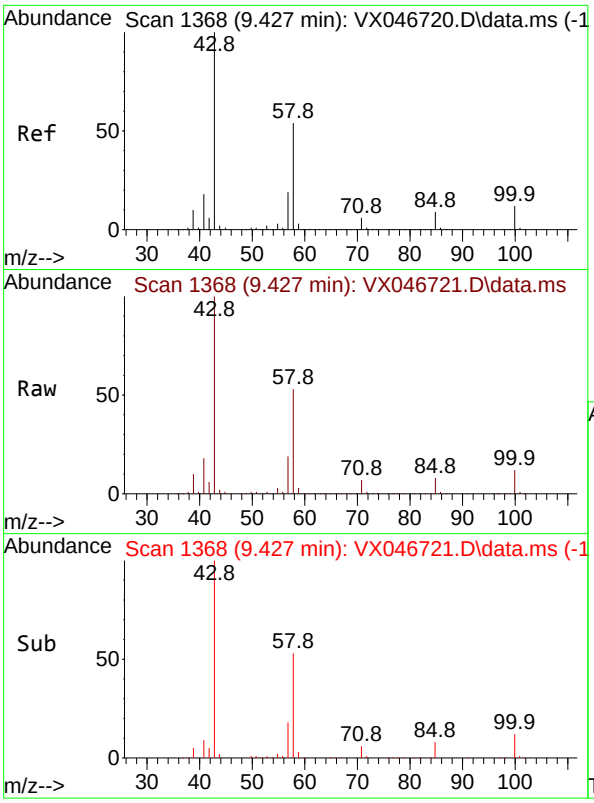


#58
2-Chloroethyl Vinyl ether
Concen: 590.219 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 63 Resp: 541734

Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.6	34.0





#59
2-Hexanone
Concen: 563.200 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 58722

Ion	Ratio	Lower	Upper
43	100		
58	54.0	26.8	80.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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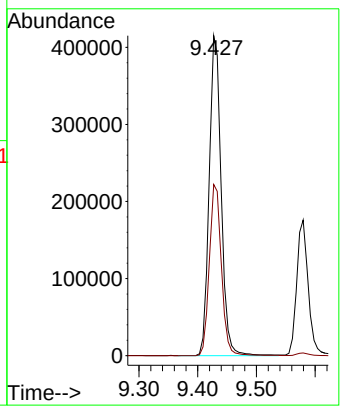
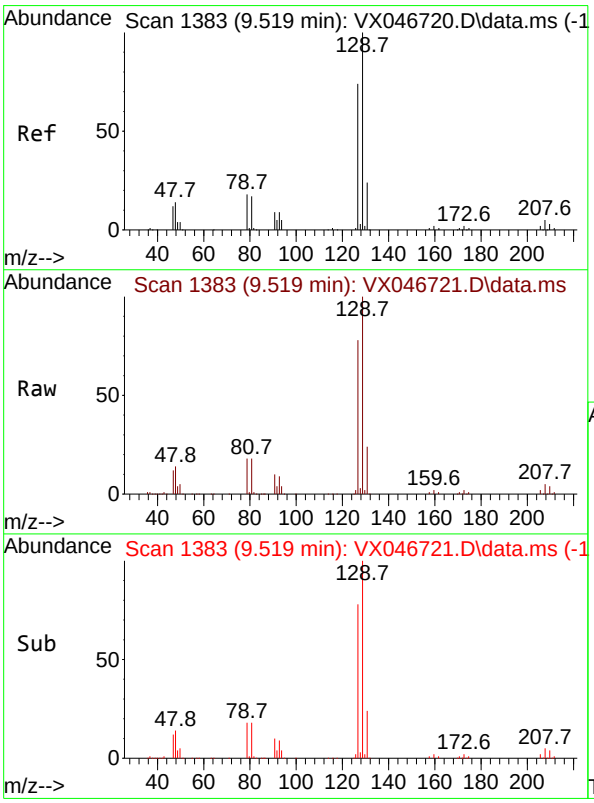
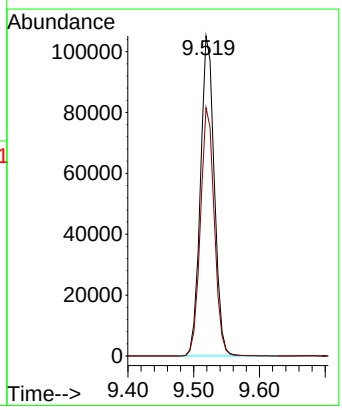


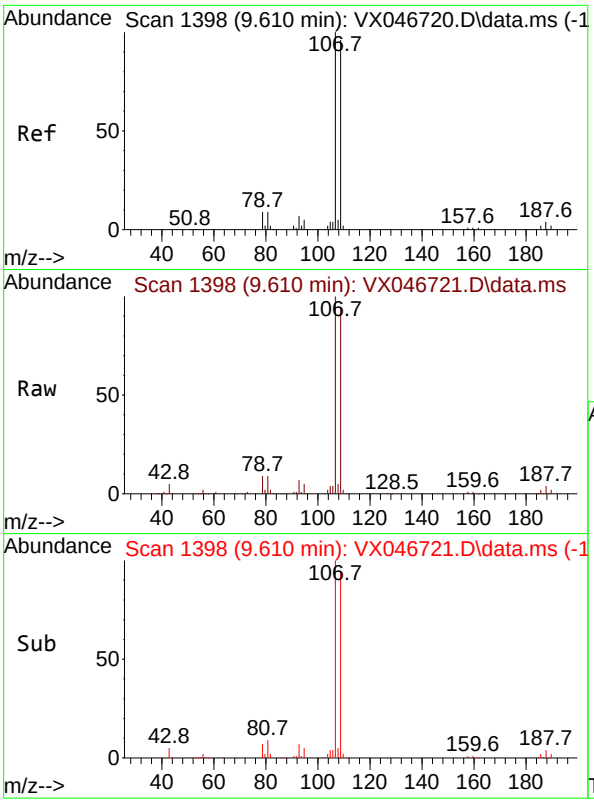


#60
Dibromochloromethane
Concen: 108.983 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:129 Resp: 153731

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.4	115.2





#61
1,2-Dibromoethane
Concen: 109.444 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:107 Resp: 13325

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.8	113.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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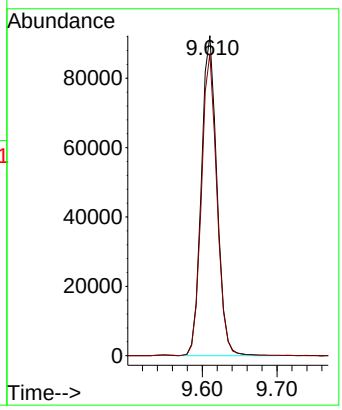
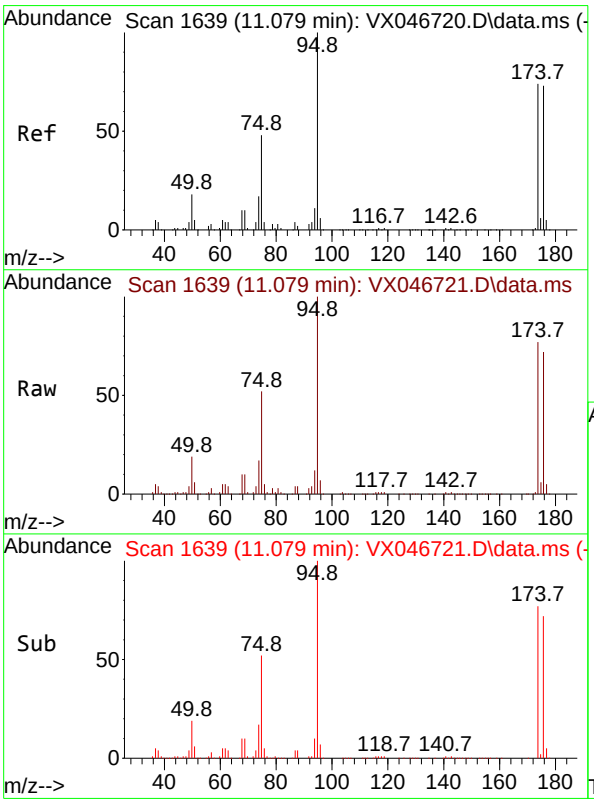
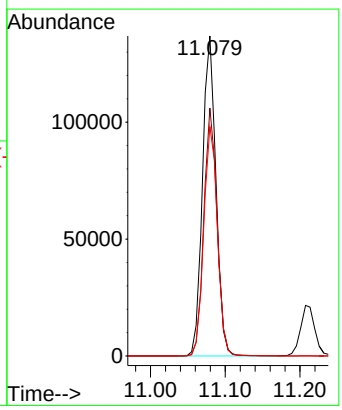


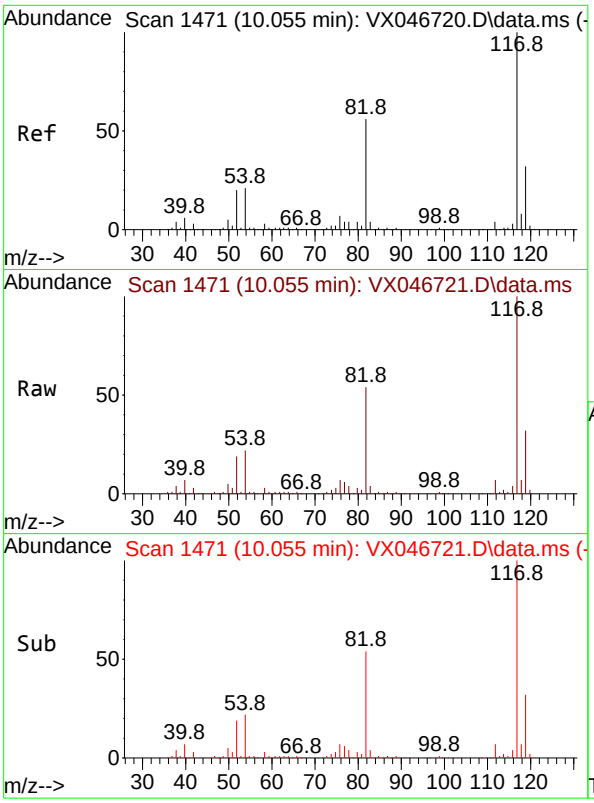


#62
4-Bromofluorobenzene
Concen: 105.156 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 95 Resp: 170795

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	150.4
176	72.7	0.0	145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:117 Resp: 160869

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	66.8
119	32.1	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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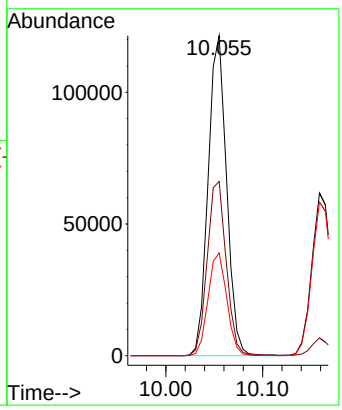
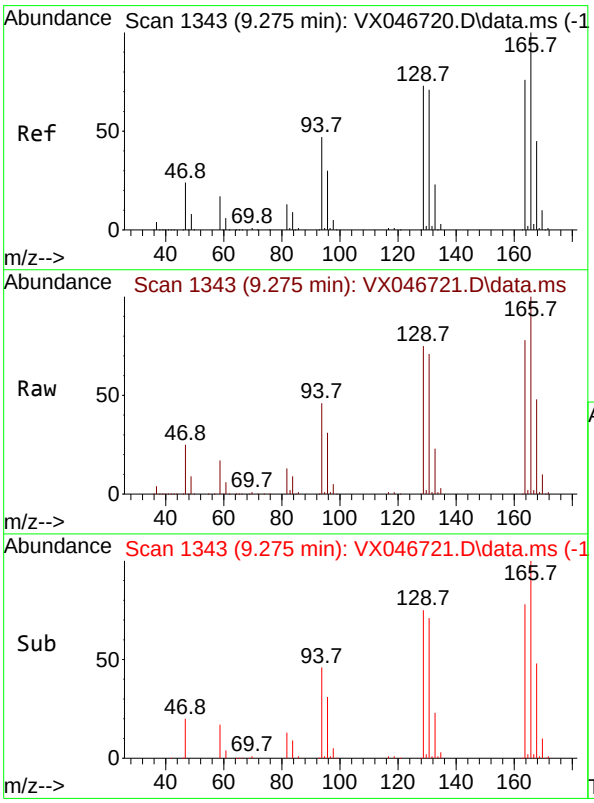
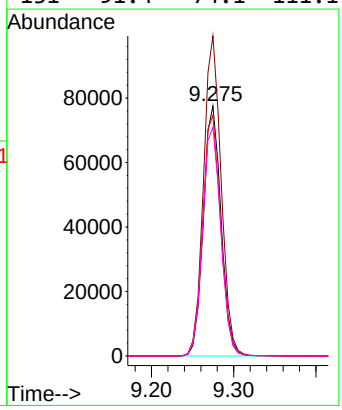


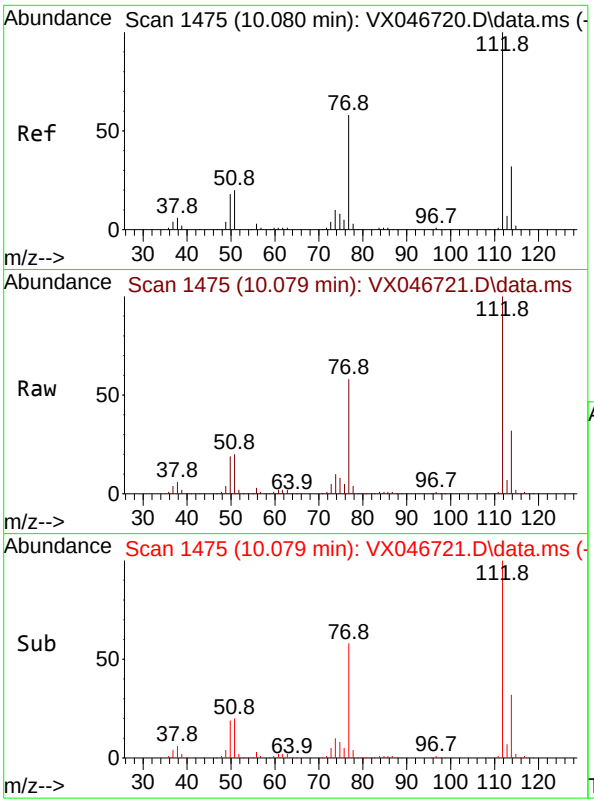


#64
Tetrachloroethene
Concen: 103.876 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:164 Resp: 115774

Ion	Ratio	Lower	Upper
164	100		
166	128.0	104.6	157.0
129	96.2	76.3	114.5
131	91.4	74.1	111.1

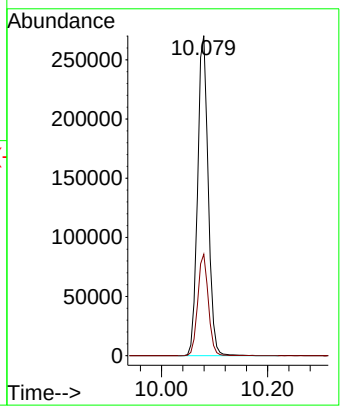




#65
Chlorobenzene
Concen: 105.577 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:112 Resp: 37491

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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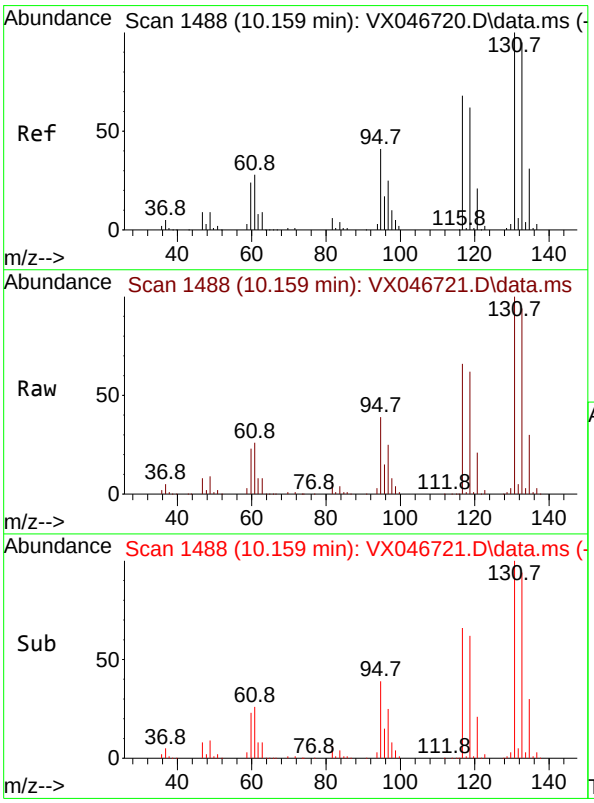
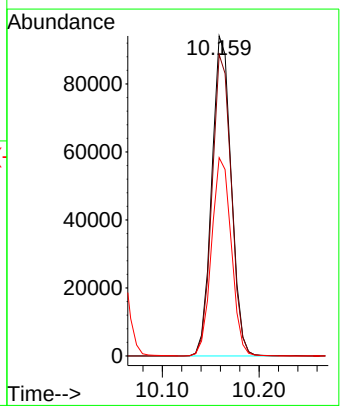
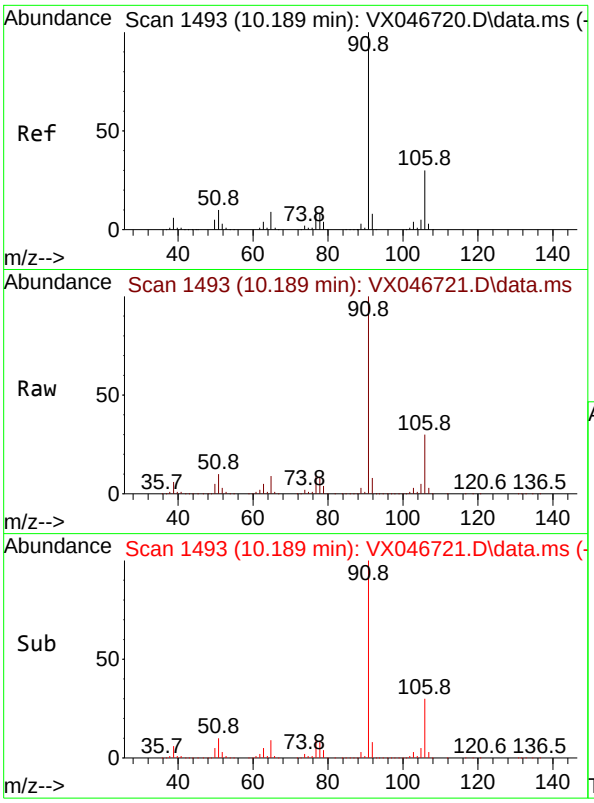


#66
1,1,1,2-Tetrachloroethane
Concen: 109.876 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:131 Resp: 131134

Ion	Ratio	Lower	Upper
131	100		
133	93.8	47.3	141.8
119	63.0	32.1	96.3

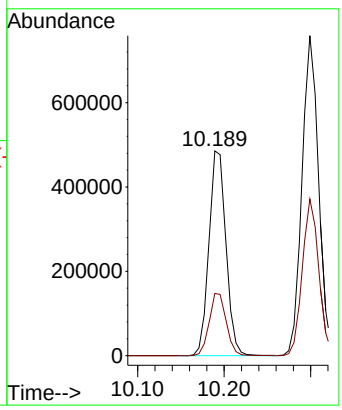




#67
Ethyl Benzene
Concen: 106.914 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 91 Resp: 66336

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.2	36.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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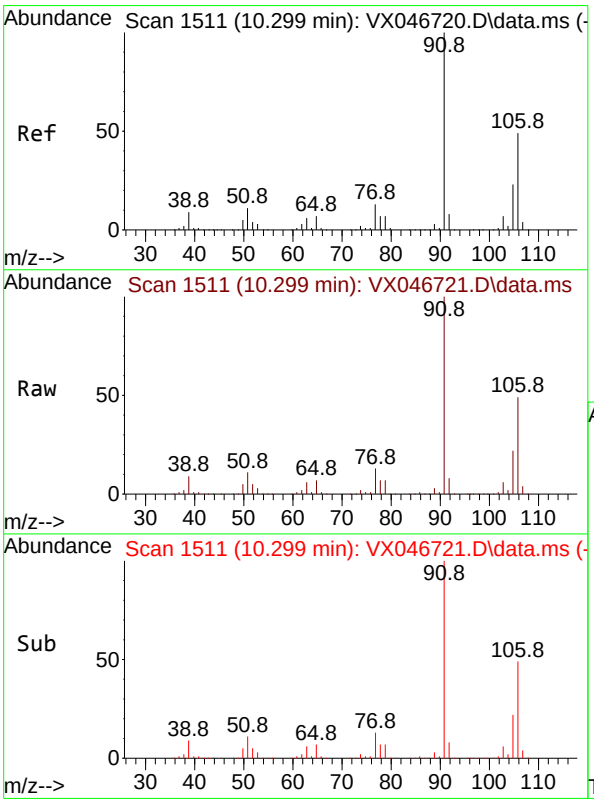
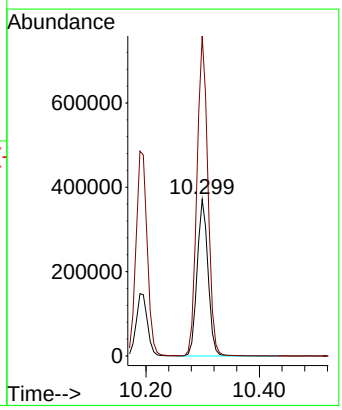
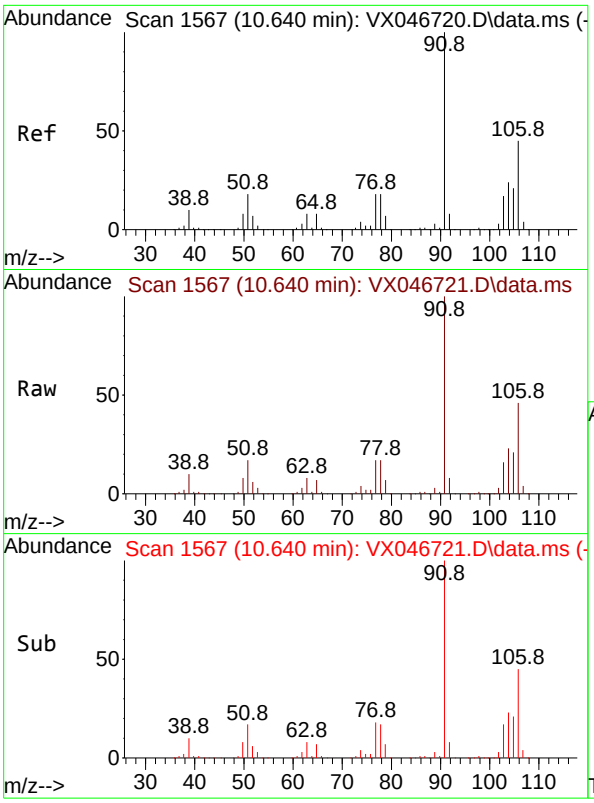


#68
m/p-Xylenes
Concen: 213.003 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:106 Resp: 492448

Ion	Ratio	Lower	Upper
106	100		
91	206.0	164.8	247.2





#69
o-Xylene
Concen: 109.675 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:106 Resp: 23763

Ion	Ratio	Lower	Upper
106	100		
91	220.5	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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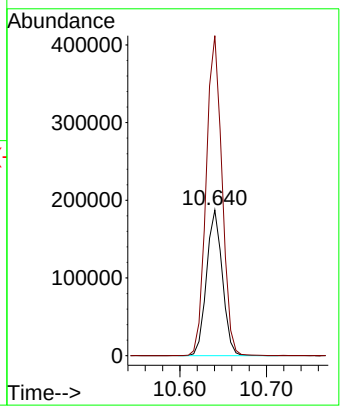
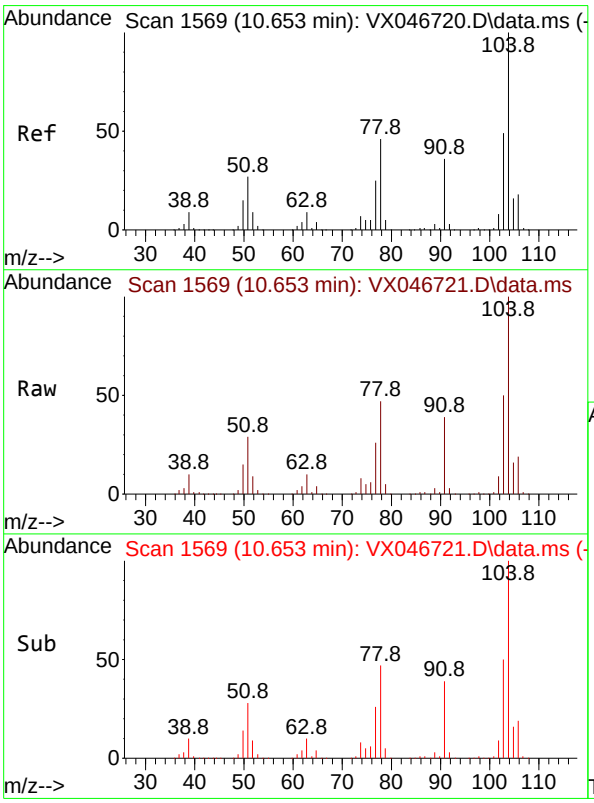
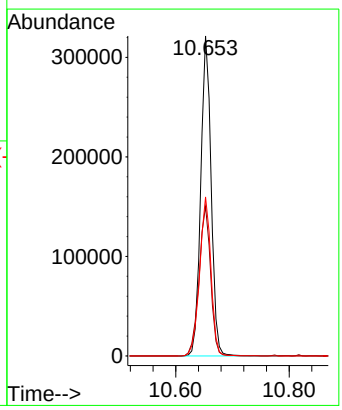


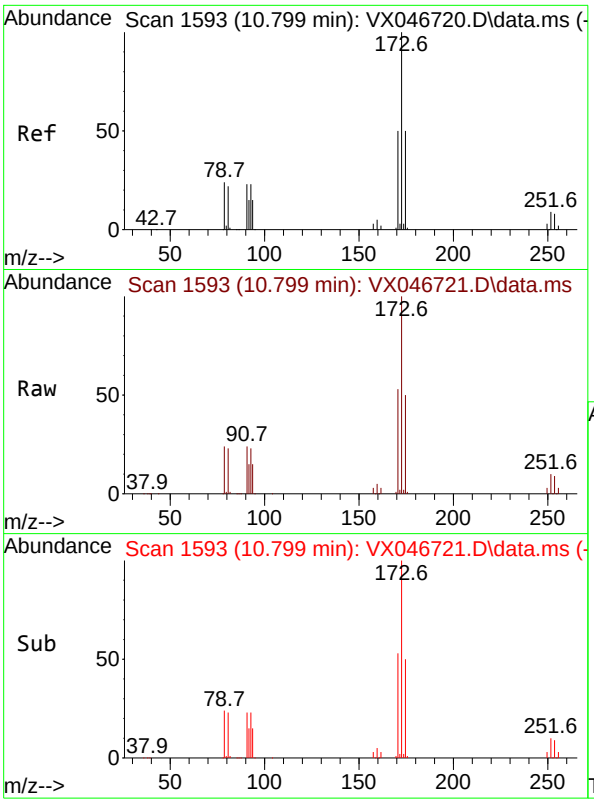


#70
Styrene
Concen: 107.488 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:104 Resp: 407566

Ion	Ratio	Lower	Upper
104	100		
78	52.3	41.4	62.2
103	54.3	43.1	64.7

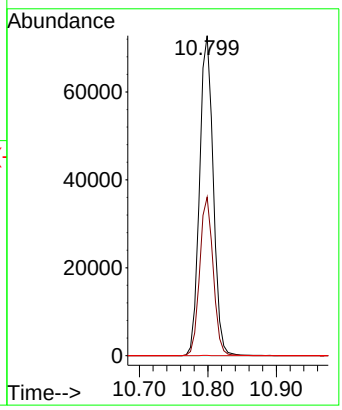




#71
Bromoform
Concen: 111.485 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:173 Resp: 10132

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.4
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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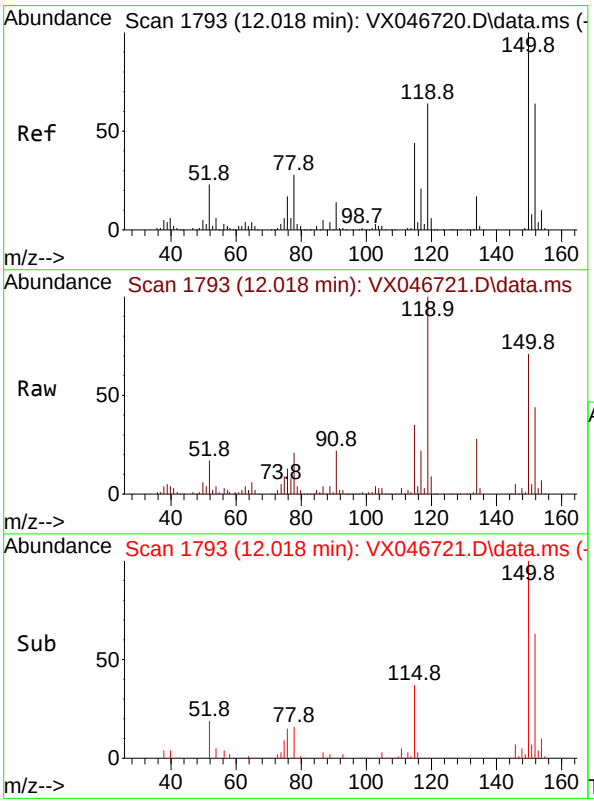
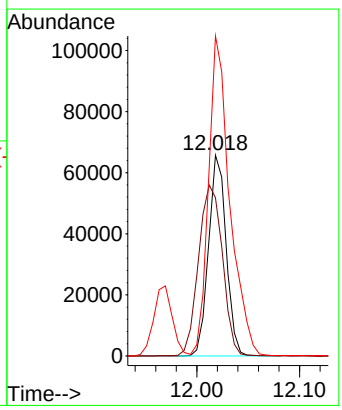
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

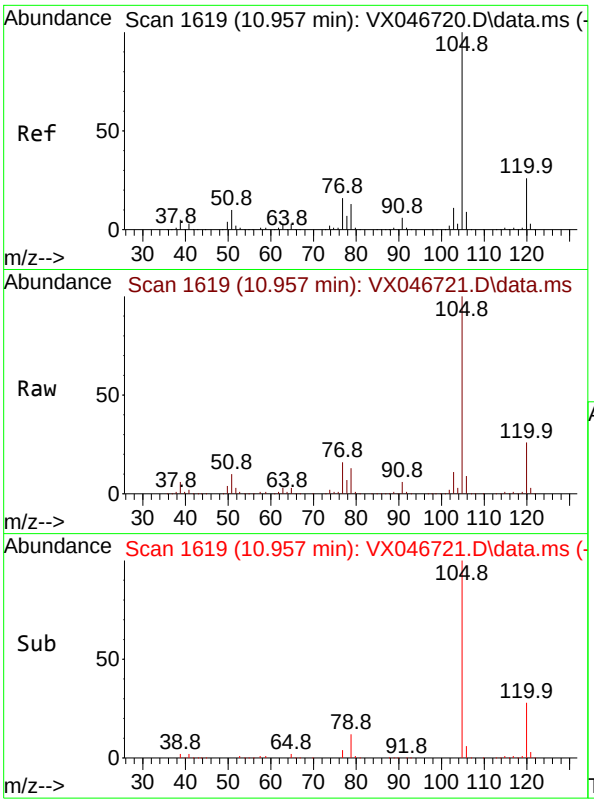


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:152 Resp: 78522

Ion	Ratio	Lower	Upper
152	100		
115	115.4	43.2	129.6
150	191.6	0.0	346.8

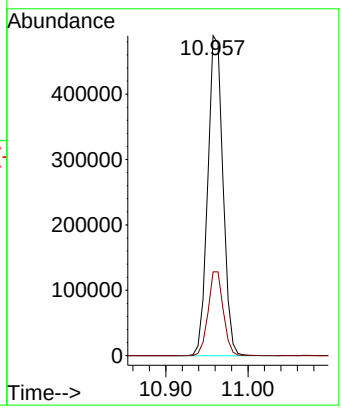




#73
Isopropylbenzene
Concen: 108.731 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:105 Resp: 62880

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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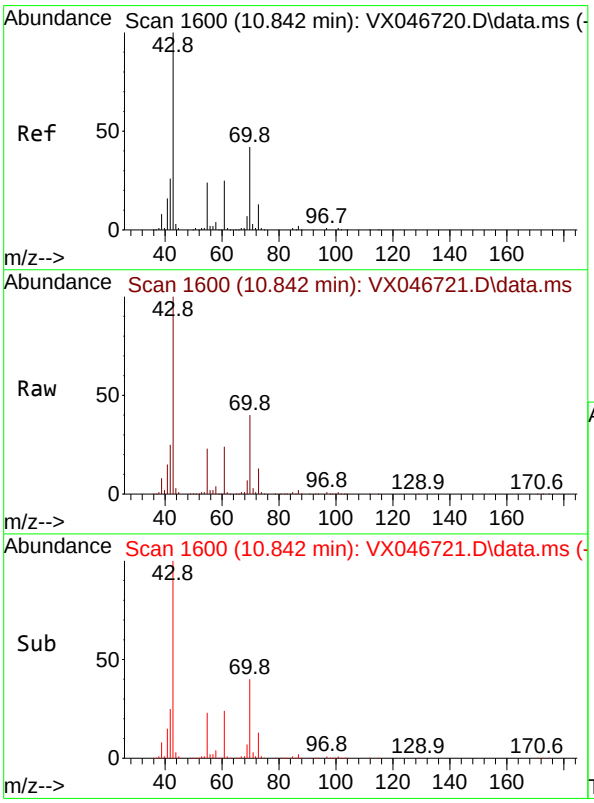
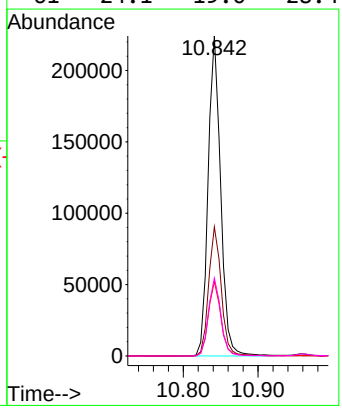
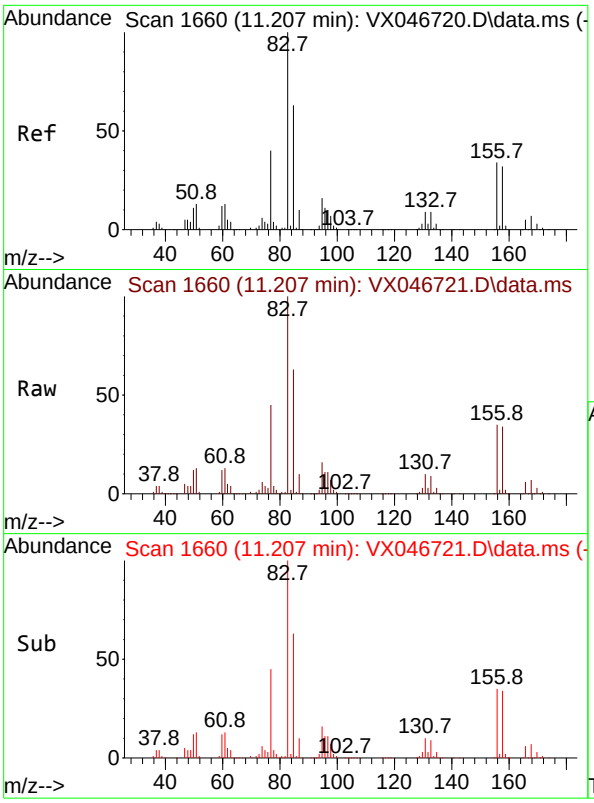


#74
N-amyl acetate
Concen: 118.945 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 260620

Ion	Ratio	Lower	Upper
43	100		
70	40.8	33.4	50.0
55	23.2	19.1	28.7
61	24.1	19.0	28.4

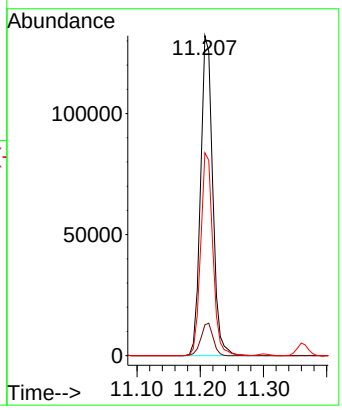




#75
1,1,2,2-Tetrachloroethane
Concen: 109.317 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 83 Resp: 17652

Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.6
85	63.8	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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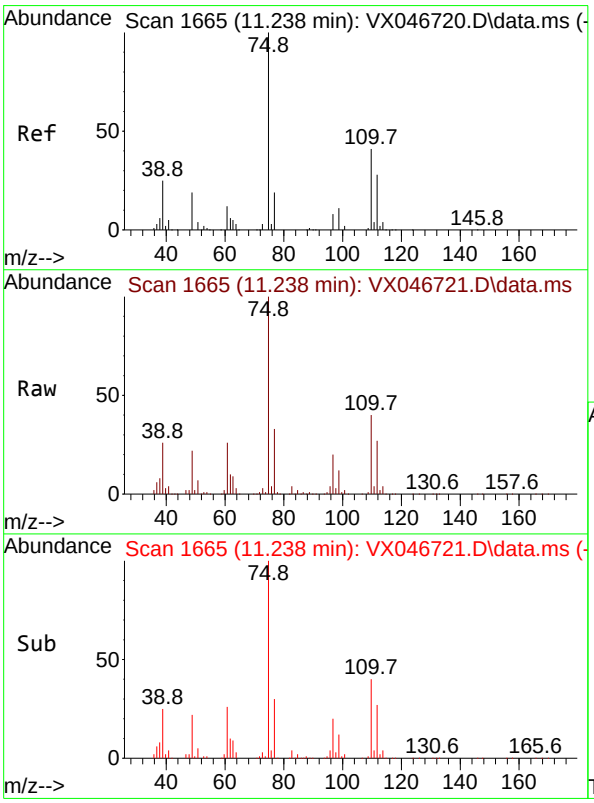
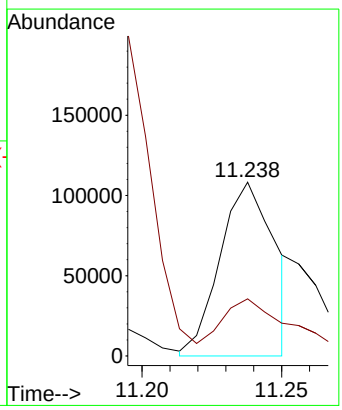
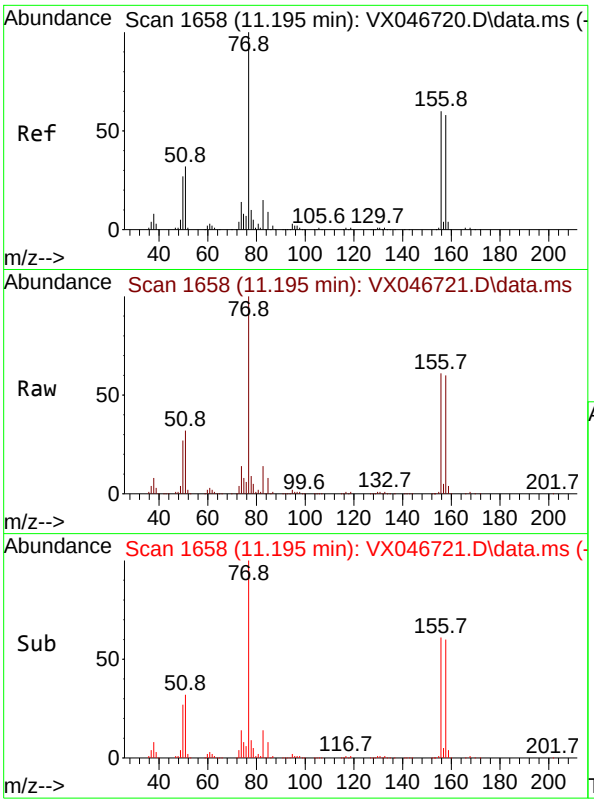


#76
1,2,3-Trichloropropane
Concen: 92.387 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 147349

Ion	Ratio	Lower	Upper
75	100		
77	42.6	18.5	55.5





#77
Bromobenzene
Concen: 107.864 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:156 Resp: 15011

Ion	Ratio	Lower	Upper
156	100		
77	166.5	82.8	248.6
158	97.7	47.6	142.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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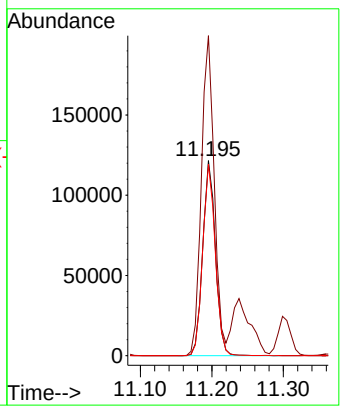
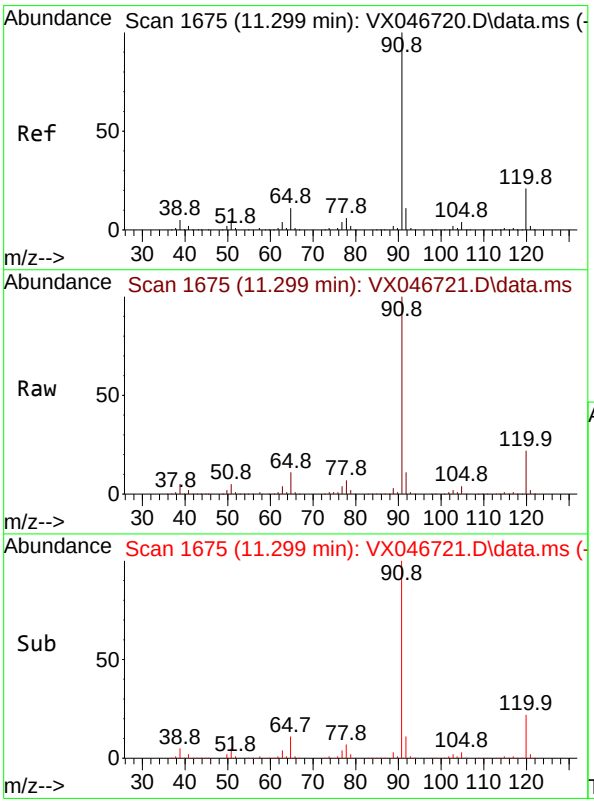
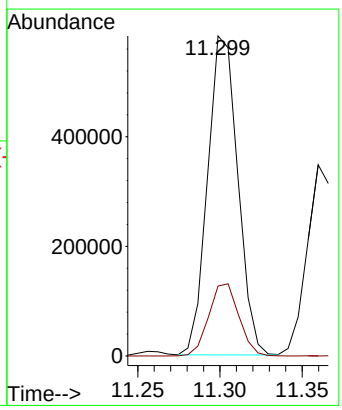


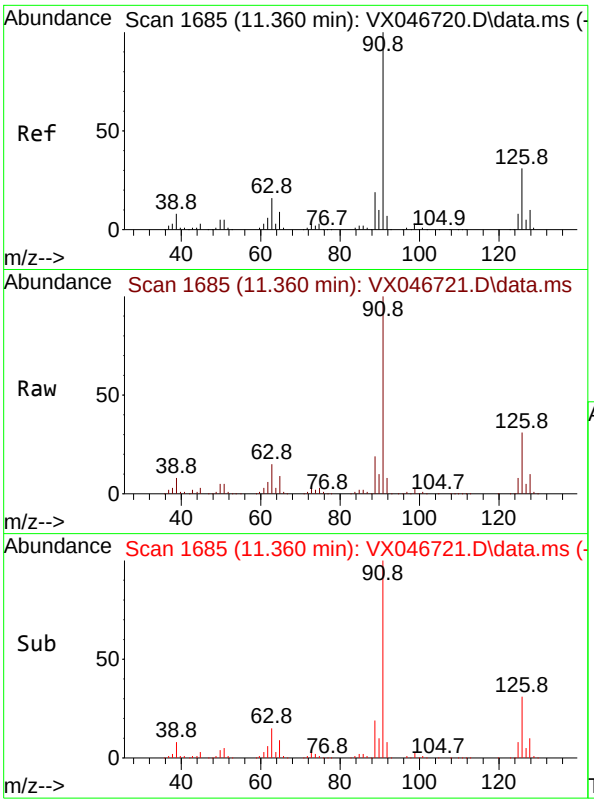


#78
n-propylbenzene
Concen: 108.310 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 91 Resp: 743979

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1





#79
2-Chlorotoluene
Concen: 106.065 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 91 Resp: 43498

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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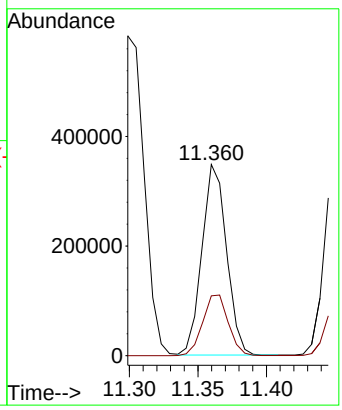
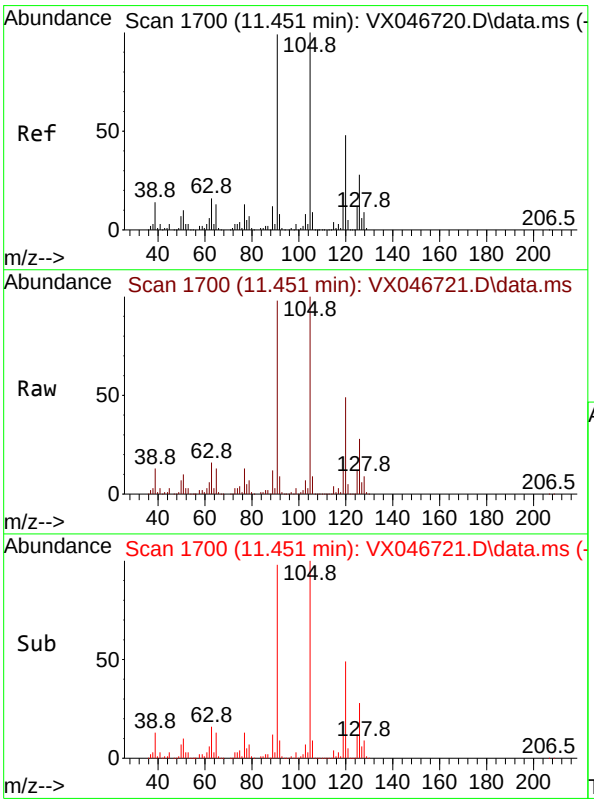
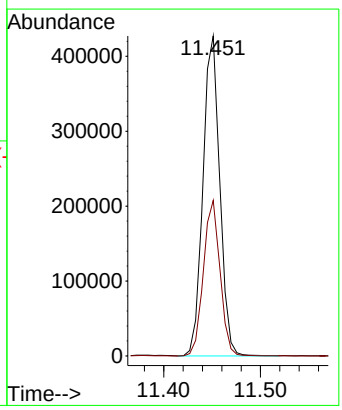


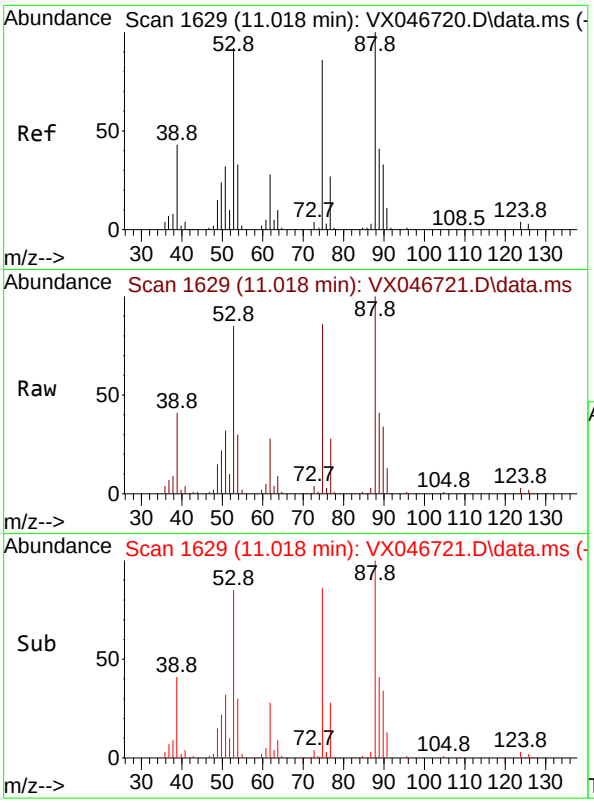


#80
1,3,5-Trimethylbenzene
Concen: 108.848 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:105 Resp: 517286

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 113.225 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 5760

Ion	Ratio	Lower	Upper
75	100		
53	103.4	86.8	130.2
89	46.9	36.9	55.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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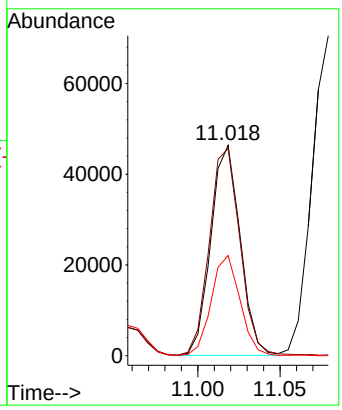
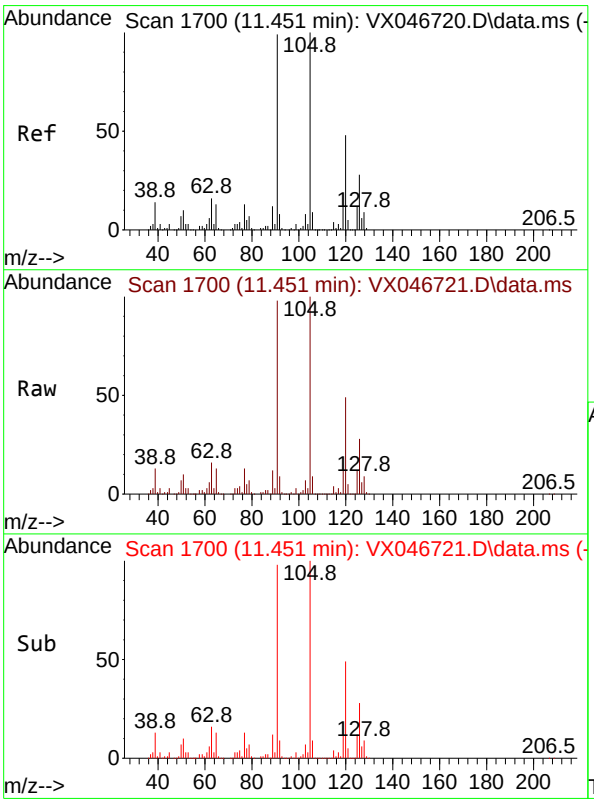
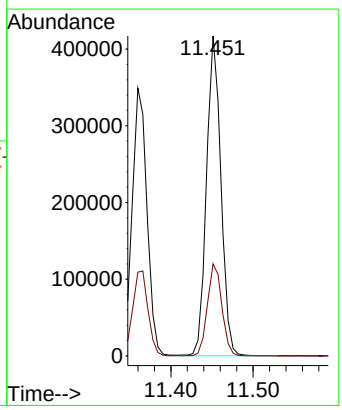


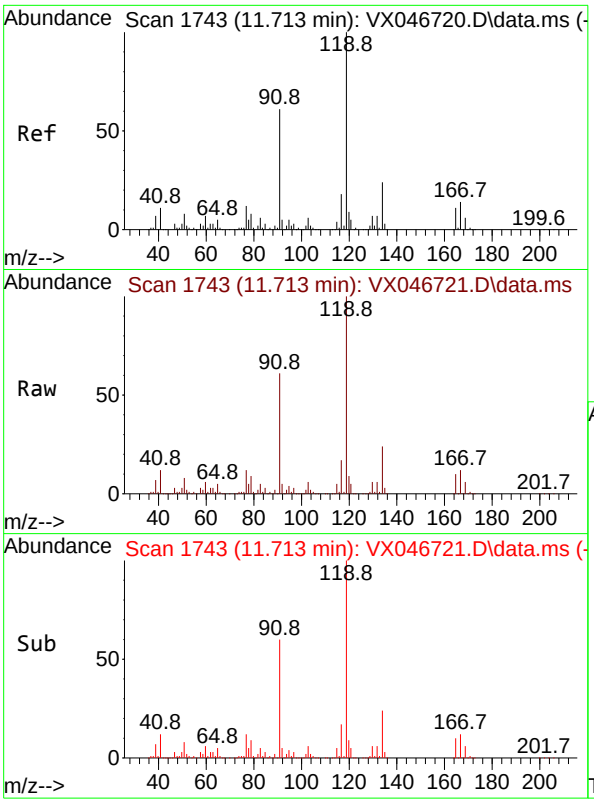


#82
4-Chlorotoluene
Concen: 105.896 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 91 Resp: 506852

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.4	43.2

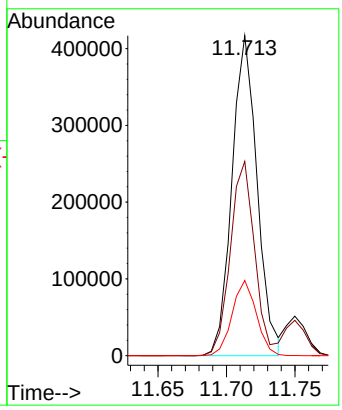




#83
tert-Butylbenzene
Concen: 108.548 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:119 Resp: 53323

Ion	Ratio	Lower	Upper
119	100		
91	59.1	29.5	88.6
134	22.7	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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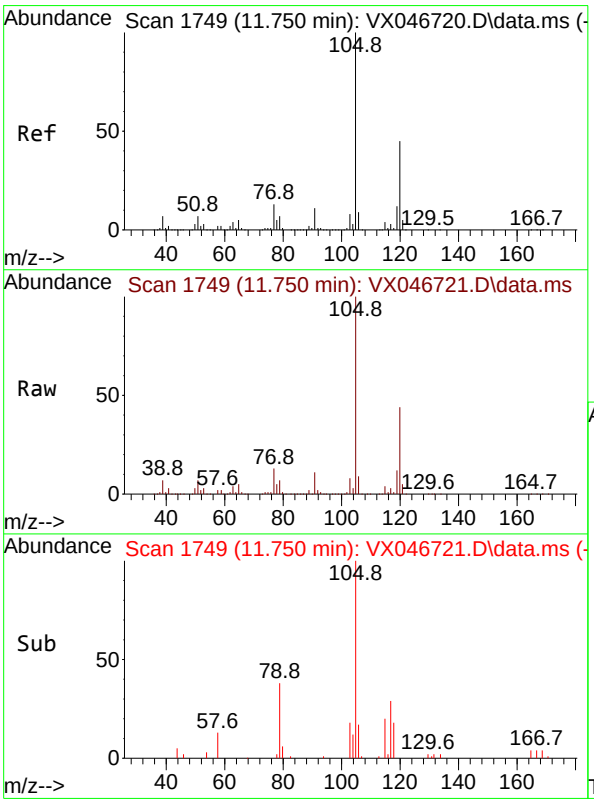
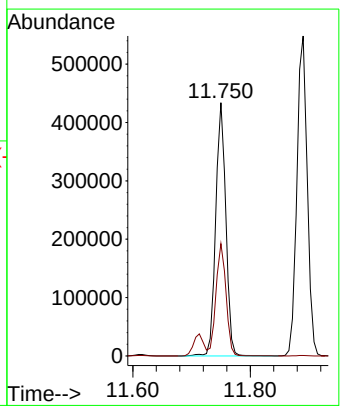
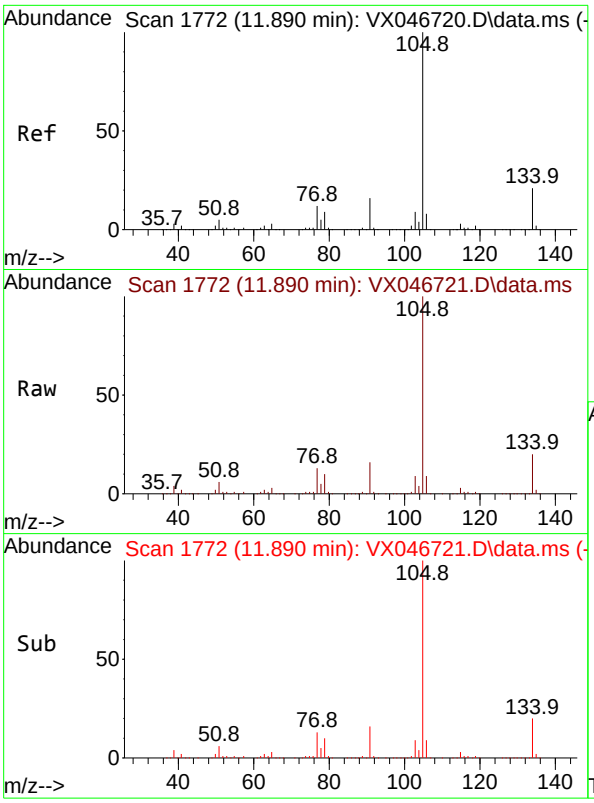


#84
1,2,4-Trimethylbenzene
Concen: 108.598 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:105 Resp: 518524

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.3

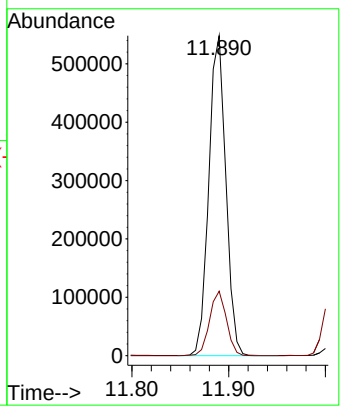




#85
sec-Butylbenzene
Concen: 108.062 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:105 Resp: 67089

Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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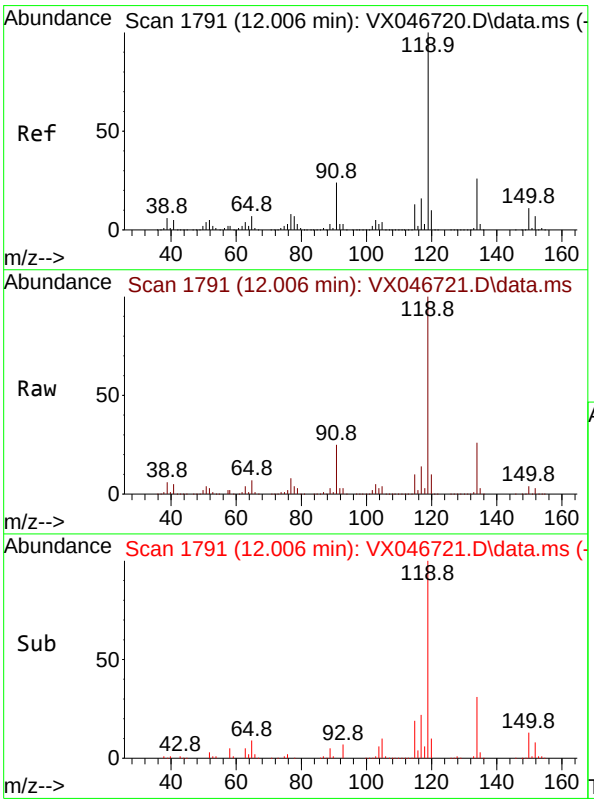
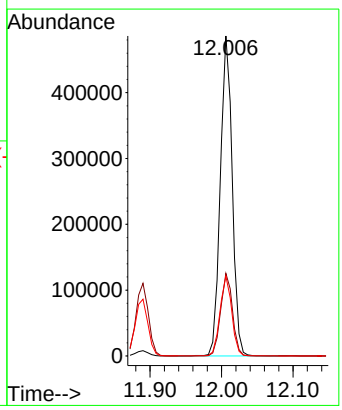
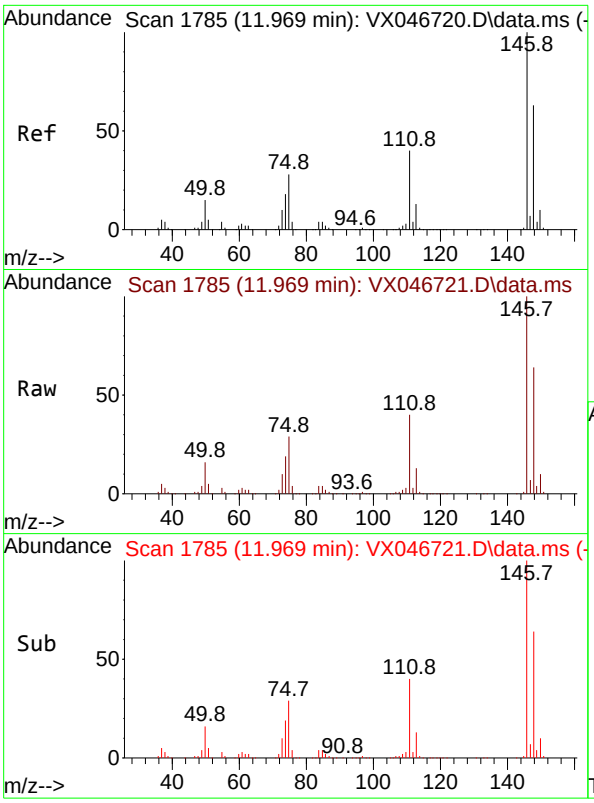


#86
p-Isopropyltoluene
Concen: 107.145 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:119 Resp: 561258

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	24.7	12.3	36.9

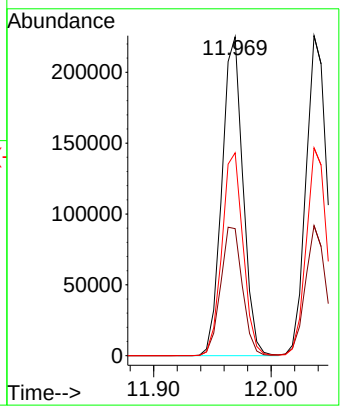




#87
1,3-Dichlorobenzene
Concen: 103.388 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:146 Resp: 28054

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.8
148	63.9	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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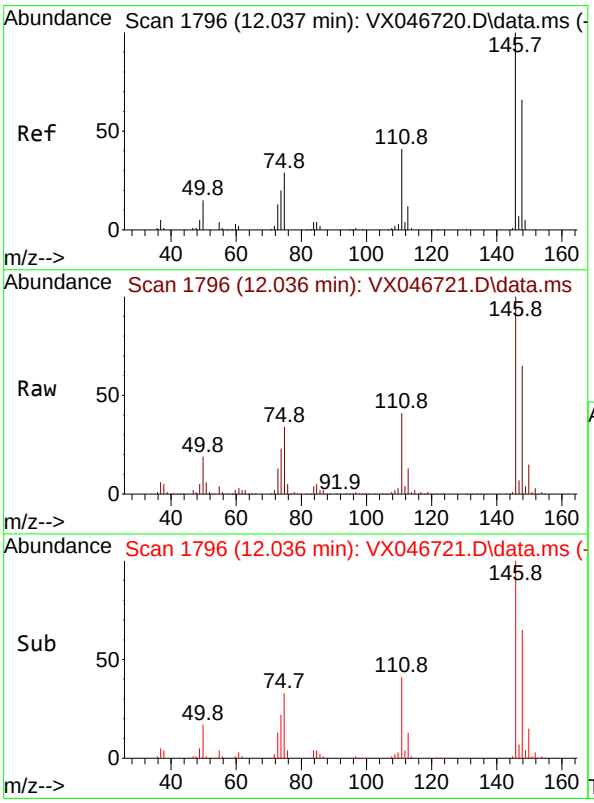
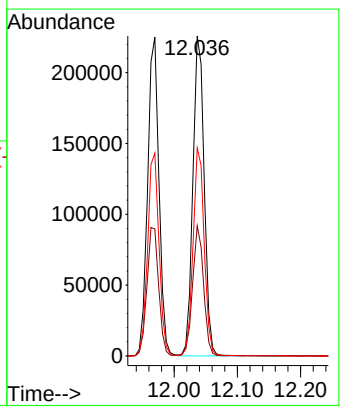
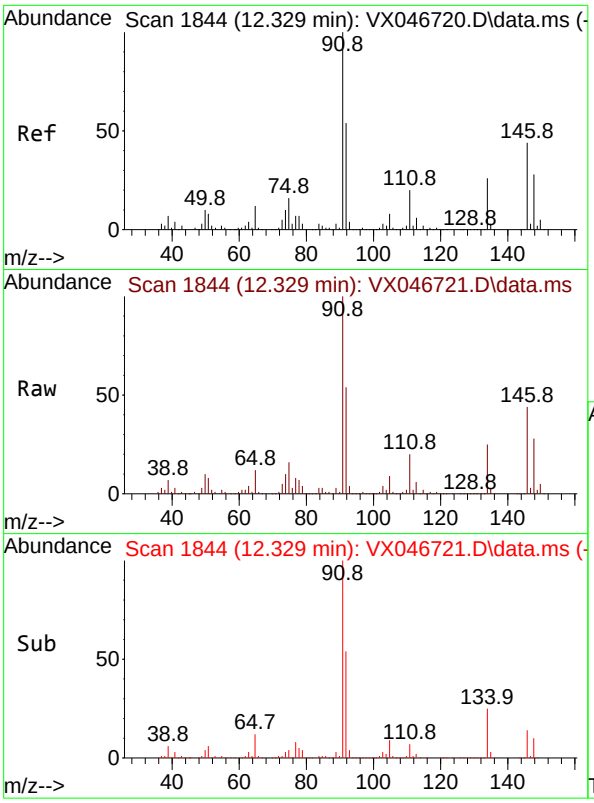


#88
1,4-Dichlorobenzene
Concen: 100.779 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:146 Resp: 280884

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	61.0
148	63.9	32.1	96.5





#89
n-Butylbenzene
Concen: 107.822 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 91 Resp: 53626

Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.1	81.3
134	25.6	12.9	38.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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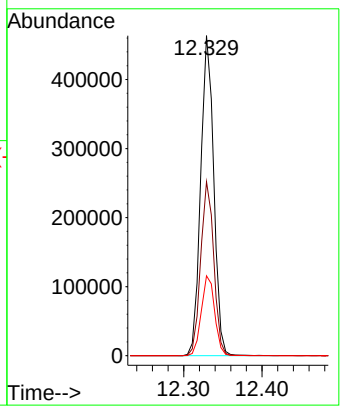
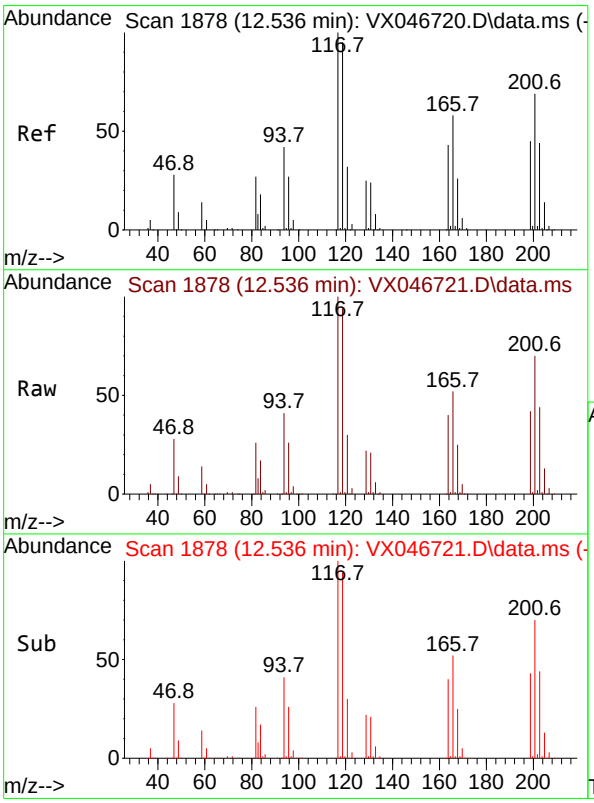
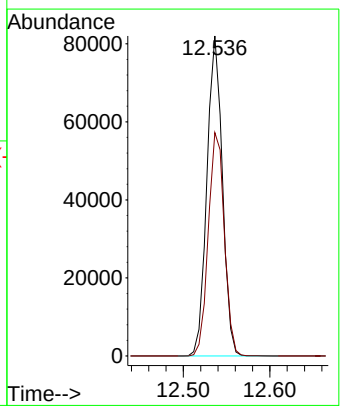


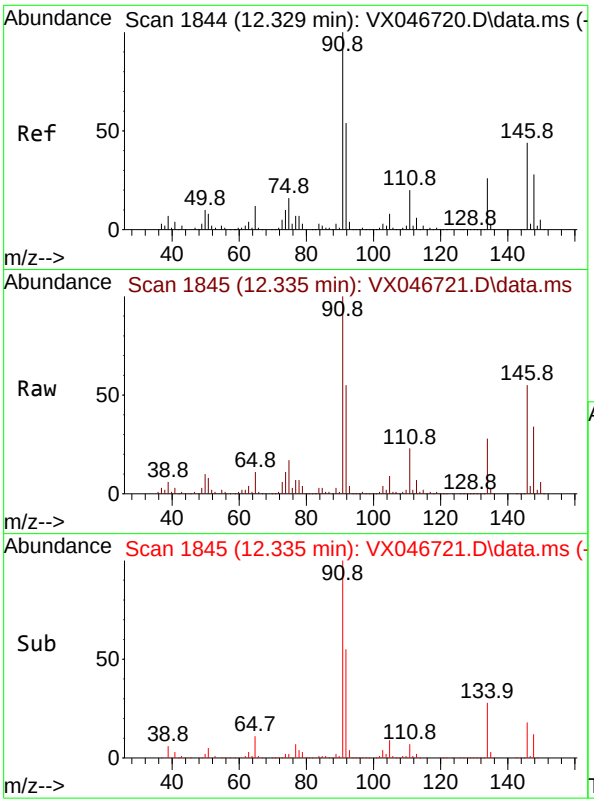


#90
Hexachloroethane
Concen: 110.811 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:117 Resp: 101647

Ion	Ratio	Lower	Upper
117	100		
201	72.5	34.4	103.3

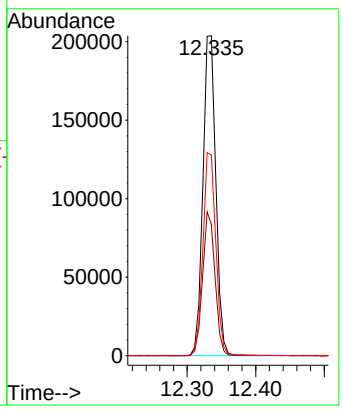




#91
1,2-Dichlorobenzene
Concen: 105.466 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:146 Resp: 26743

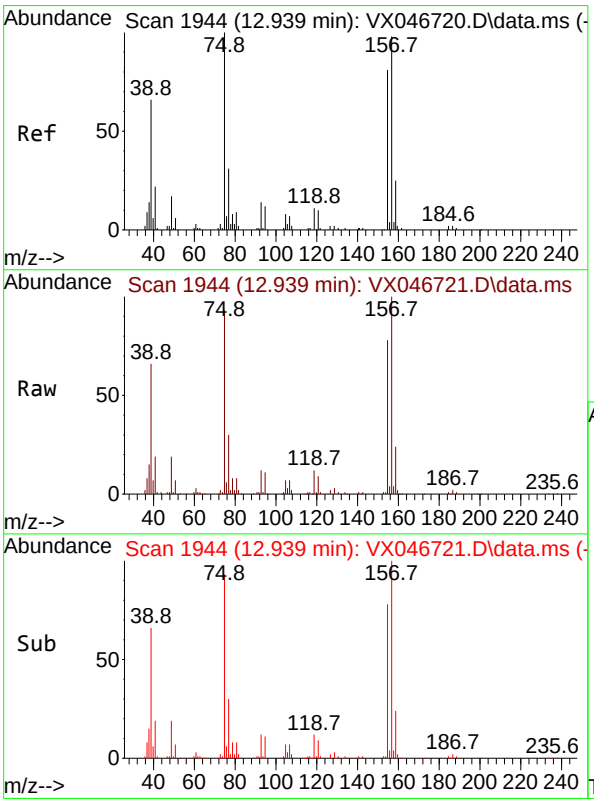
Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.7	65.1
148	63.5	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

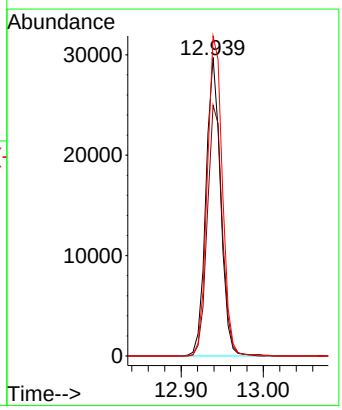
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

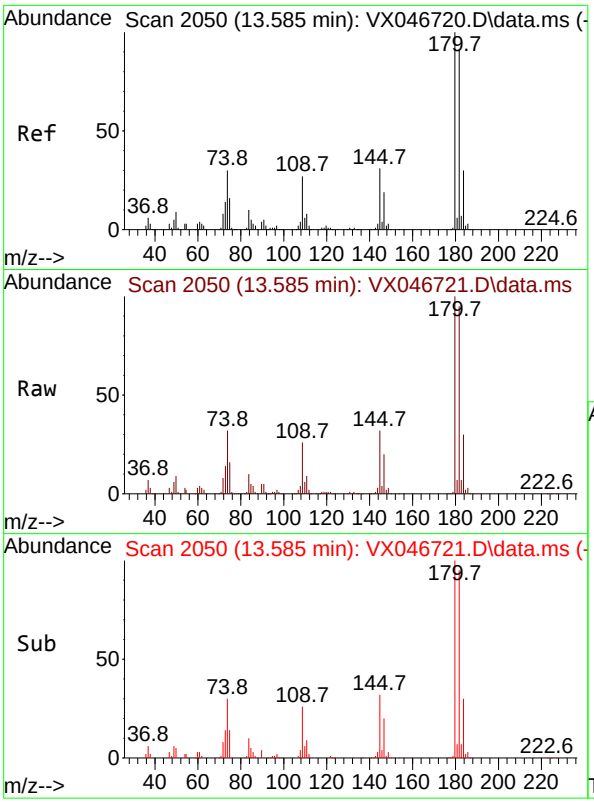


#92
1,2-Dibromo-3-Chloropropane
Concen: 115.616 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 36858

Ion	Ratio	Lower	Upper
75	100		
155	85.8	41.9	125.7
157	110.6	51.4	154.3

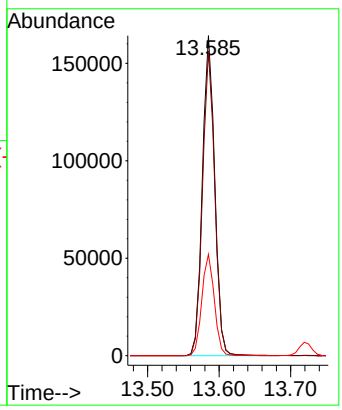




#93
1,2,4-Trichlorobenzene
Concen: 109.119 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:180 Resp: 19671

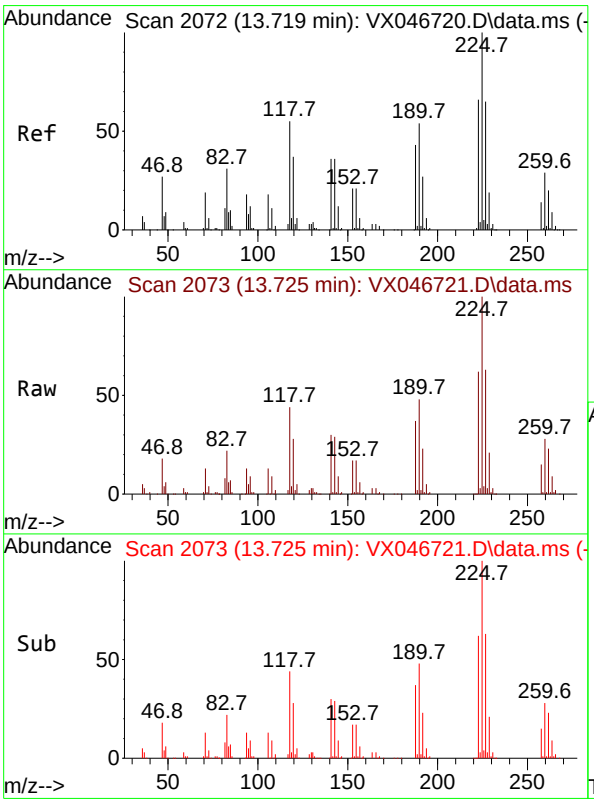
Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.7	140.1
145	32.0	15.8	47.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

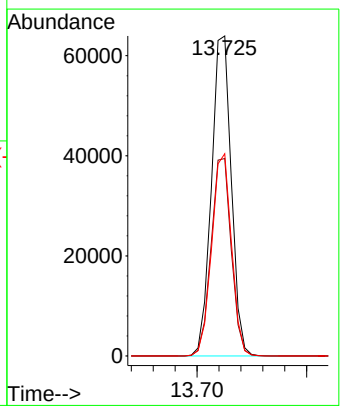
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

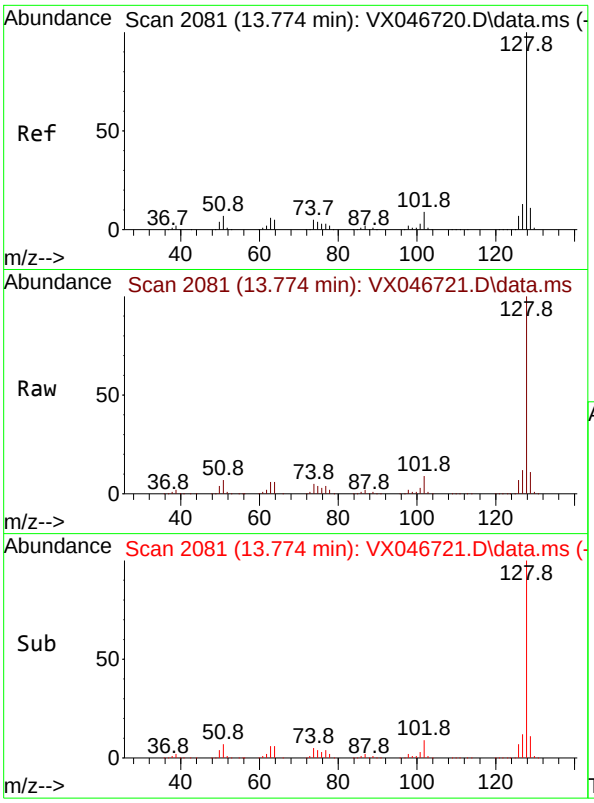


#94
Hexachlorobutadiene
Concen: 106.029 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:225 Resp: 80407

Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.5	97.5
227	63.0	32.2	96.6

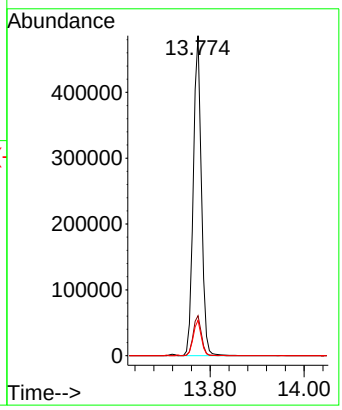




#95
Naphthalene
Concen: 114.468 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:128 Resp: 58791

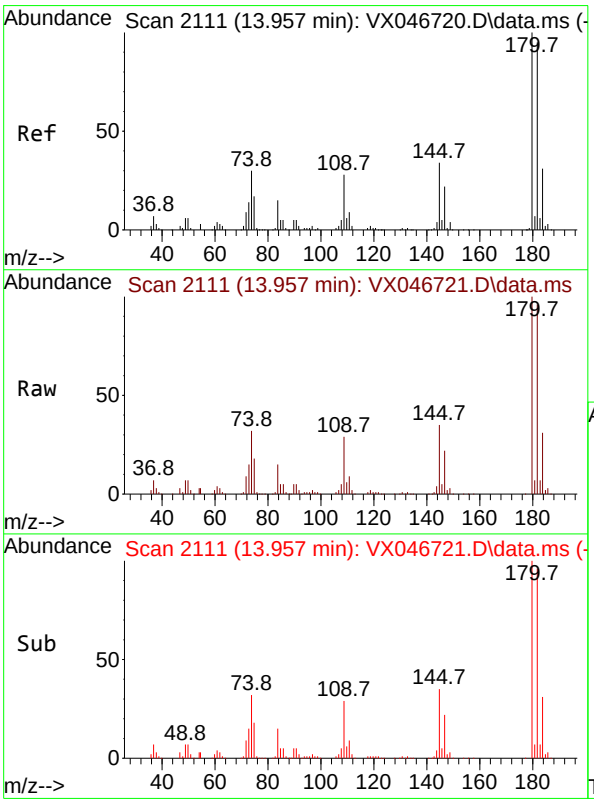
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.9	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

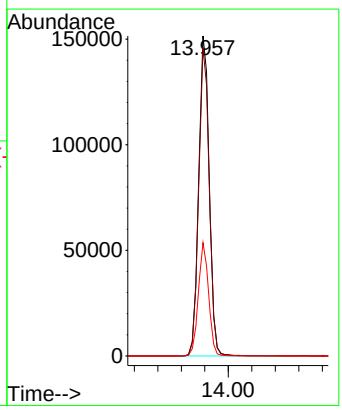
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 109.861 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:180 Resp: 189473

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.4
145	34.4	17.3	51.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	107848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	178346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75829	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	230915	154.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 309.600%#			
35) Dibromofluoromethane	5.397	113	187536	158.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 317.860%#			
50) Toluene-d8	8.653	98	660221	155.733	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 311.460%#			
62) 4-Bromofluorobenzene	11.079	95	244007	154.404	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 308.800%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	193321	167.898	ug/l	99
3) Chloromethane	1.307	50	202755	163.144	ug/l	97
4) Vinyl Chloride	1.386	62	208285	157.161	ug/l	96
5) Bromomethane	1.612	94	90708	121.652	ug/l	97
6) Chloroethane	1.691	64	123323	153.530	ug/l	96
7) Trichlorofluoromethane	1.898	101	314552	156.313	ug/l	98
8) Diethyl Ether	2.142	74	108801	157.544	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	192071	155.583	ug/l	99
10) Methyl Iodide	2.465	142	243423	148.201	ug/l	99
11) Tert butyl alcohol	2.971	59	111150	830.155	ug/l	99
12) 1,1-Dichloroethene	2.331	96	188770	158.466	ug/l	97
13) Acrolein	2.246	56	156844	804.238	ug/l	99
14) Allyl chloride	2.678	41	340117	157.583	ug/l	99
15) Acrylonitrile	3.075	53	477449	793.036	ug/l	99
16) Acetone	2.386	43	378554	760.980	ug/l	99
17) Carbon Disulfide	2.526	76	535657	148.907	ug/l	99
18) Methyl Acetate	2.715	43	209349	165.695	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	585091	157.742	ug/l	99
20) Methylene Chloride	2.800	84	201983	146.004	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	192490	151.016	ug/l	99
22) Diisopropyl ether	3.770	45	638477	153.904	ug/l	99
23) Vinyl Acetate	3.733	43	2691267	815.794	ug/l	99
24) 1,1-Dichloroethane	3.623	63	360395	153.006	ug/l	98
25) 2-Butanone	4.562	43	570672	811.132	ug/l	99
26) 2,2-Dichloropropane	4.483	77	286713	166.896	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	227788	152.112	ug/l	99
28) Bromochloromethane	4.910	49	161801	151.520	ug/l	100
29) Tetrahydrofuran	5.013	42	370760	815.879	ug/l	100
30) Chloroform	5.105	83	358782	152.312	ug/l	99
31) Cyclohexane	5.483	56	330235	147.842	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	320382	155.082	ug/l	99
36) 1,1-Dichloropropene	5.702	75	256619	150.653	ug/l	99
37) Ethyl Acetate	4.721	43	245724	156.284	ug/l	99
38) Carbon Tetrachloride	5.684	117	284066	153.668	ug/l	99
39) Methylcyclohexane	7.385	83	346118	154.413	ug/l	100
40) Benzene	6.044	78	763341	151.423	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	142283	169.745	ug/l	94
42) 1,2-Dichloroethane	6.092	62	265740	150.011	ug/l	99
43) Isopropyl Acetate	6.342	43	412067	167.483	ug/l	99
44) Trichloroethene	7.129	130	195943	152.520	ug/l	99
45) 1,2-Dichloropropane	7.434	63	191181	153.025	ug/l	95
46) Dibromomethane	7.580	93	138541	154.297	ug/l	99
47) Bromodichloromethane	7.824	83	288826	157.630	ug/l	100
48) Methyl methacrylate	7.696	41	211908	171.734	ug/l	99
49) 1,4-Dioxane	7.659	88	54646	2987.386	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1173666	799.825	ug/l	100
52) Toluene	8.720	92	471273	150.800	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	288893	169.929	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	314965	163.198	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	175973	151.099	ug/l	99
56) Ethyl methacrylate	9.116	69	288720	167.940	ug/l	99
57) 1,3-Dichloropropane	9.305	76	301418	150.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	754730	845.118	ug/l	100
59) 2-Hexanone	9.433	43	816655	805.005	ug/l	99
60) Dibromochloromethane	9.519	129	215347	156.904	ug/l	99
61) 1,2-Dibromoethane	9.610	107	185268	156.392	ug/l	99
64) Tetrachloroethene	9.275	164	159752	146.895	ug/l	98
65) Chlorobenzene	10.080	112	517859	149.453	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	181981	156.268	ug/l	99
67) Ethyl Benzene	10.195	91	915724	151.251	ug/l	98
68) m/p-Xylenes	10.299	106	676085	299.697	ug/l	99
69) o-Xylene	10.640	106	328782	155.514	ug/l	98
70) Styrene	10.653	104	566606	153.143	ug/l	100
71) Bromoform	10.799	173	143229	161.498	ug/l	100
73) Isopropylbenzene	10.964	105	867728	155.374	ug/l	100
74) N-amyl acetate	10.842	43	369757	174.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	244406	156.730	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	202926m	131.753	ug/l	
77) Bromobenzene	11.195	156	207348	154.285	ug/l	98
78) n-propylbenzene	11.305	91	1025742	154.633	ug/l	100
79) 2-Chlorotoluene	11.366	91	595555	150.373	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	707005	154.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	86677	176.408	ug/l	93
82) 4-Chlorotoluene	11.451	91	697556	150.915	ug/l	99
83) tert-Butylbenzene	11.713	119	735750	155.093	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	719283	155.994	ug/l	100
85) sec-Butylbenzene	11.890	105	916769	152.910	ug/l	99
86) p-Isopropyltoluene	12.006	119	771998	152.610	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	391049	149.232	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	387139	143.836	ug/l	99
89) n-Butylbenzene	12.329	91	726563	151.271	ug/l	100
90) Hexachloroethane	12.536	117	142663	161.049	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	370234	151.192	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	54014	175.448	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	263803	151.531	ug/l	97
94) Hexachlorobutadiene	13.725	225	95520	130.431	ug/l	100
95) Naphthalene	13.774	128	846206	170.609	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	262348	157.517	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
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 :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

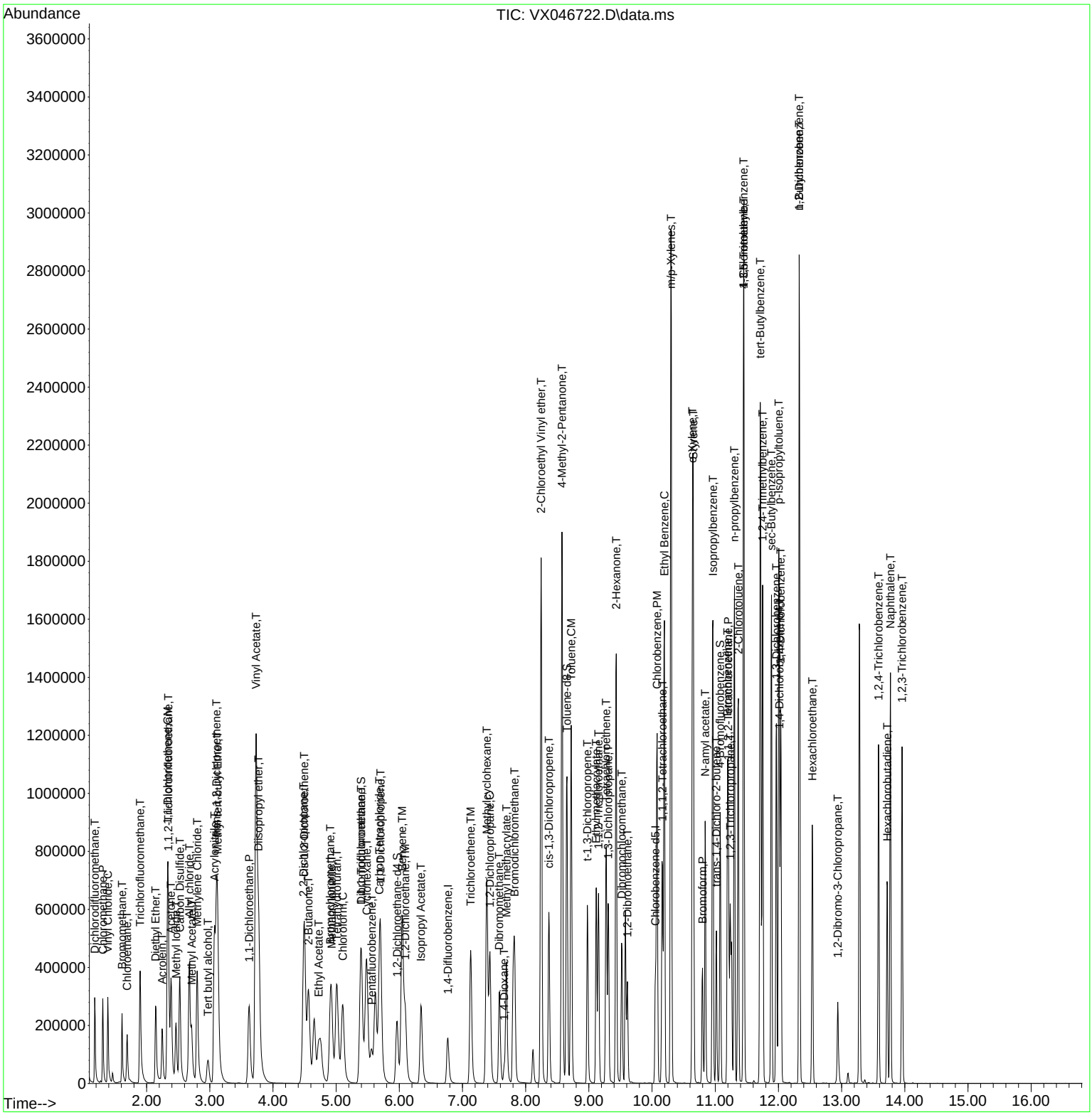
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

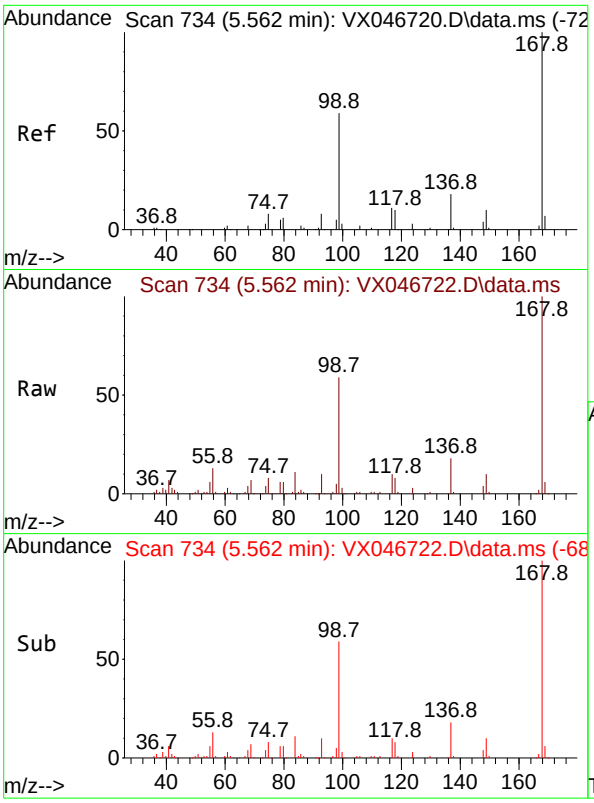
Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

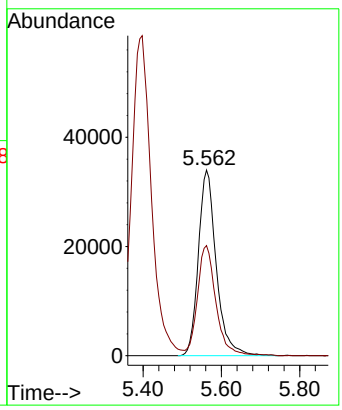




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:168 Resp: 10784

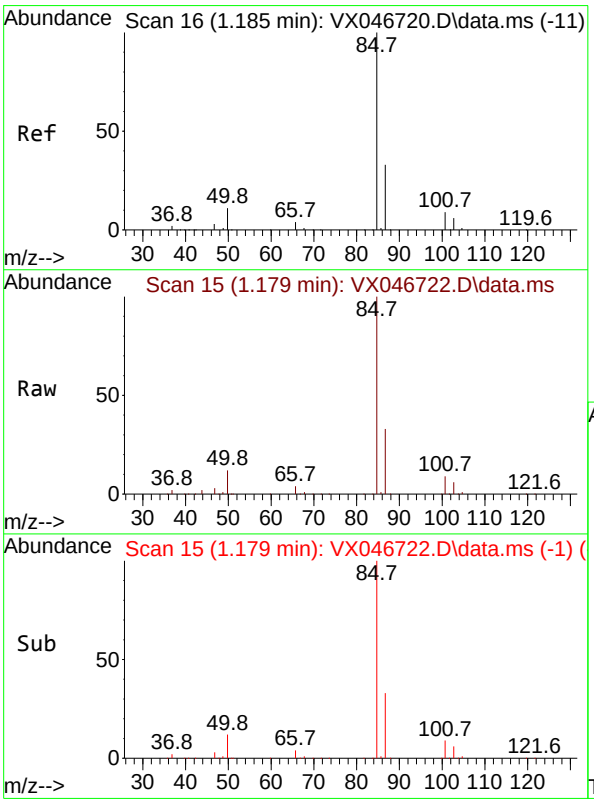
Ion	Ratio	Lower	Upper
168	100		
99	59.3	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

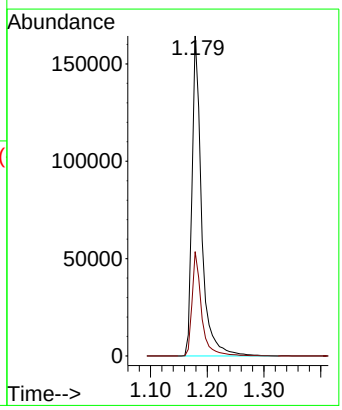
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

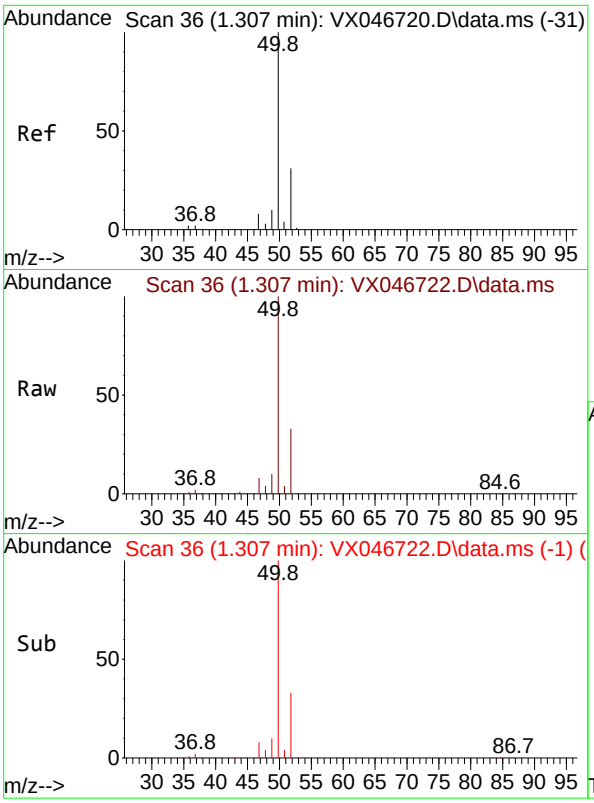


#2
Dichlorodifluoromethane
Concen: 167.898 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 85 Resp: 193321

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.6	49.8

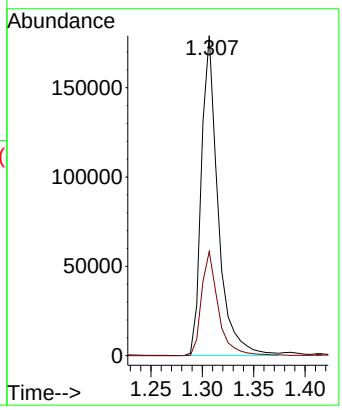




#3
Chloromethane
Concen: 163.144 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 50 Resp: 20275

Ion	Ratio	Lower	Upper
50	100		
52	32.6	24.9	37.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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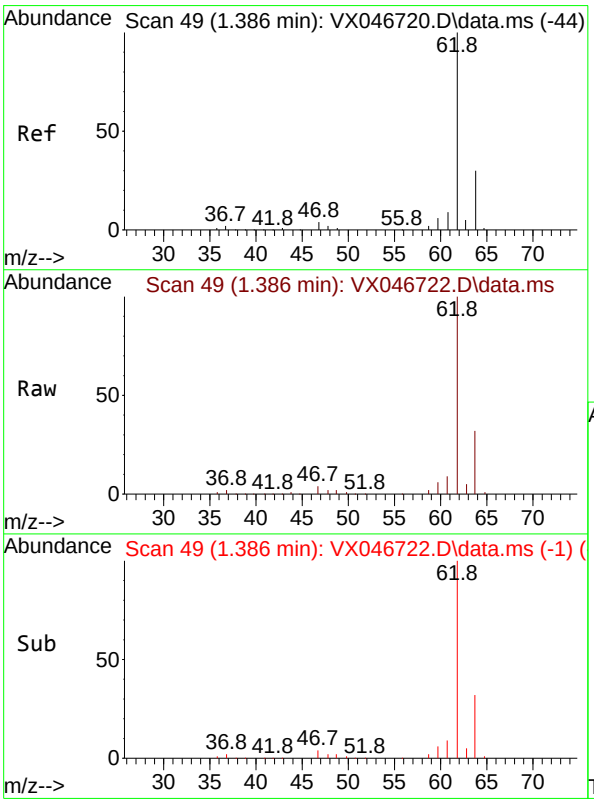
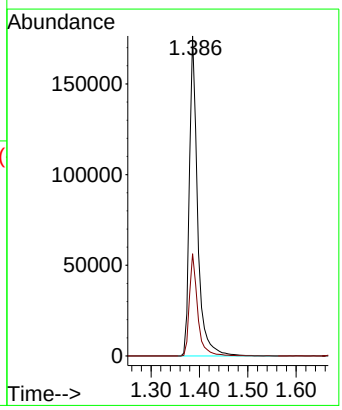
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

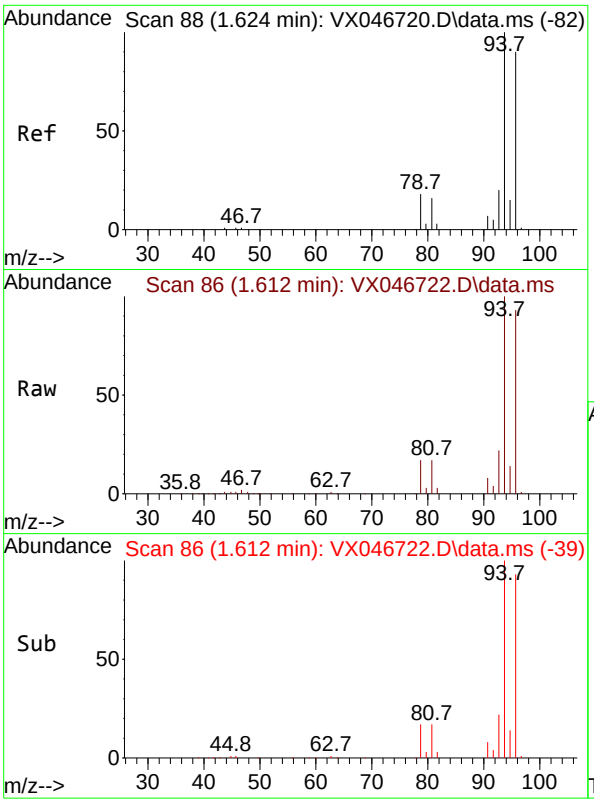


#4
Vinyl Chloride
Concen: 157.161 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 62 Resp: 208285

Ion	Ratio	Lower	Upper
62	100		
64	31.9	23.9	35.9

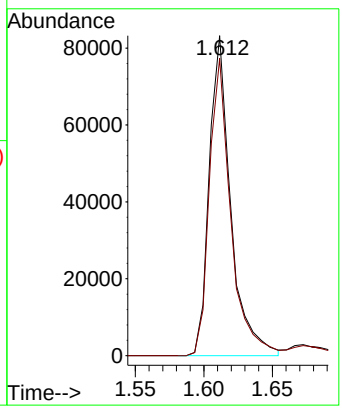




#5
Bromomethane
Concen: 121.652 ug/l
RT: 1.612 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 94 Resp: 9070

Ion	Ratio	Lower	Upper
94	100		
96	92.9	72.3	108.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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Reviewed By :Semsettin Yesilyurt 06/18/2025
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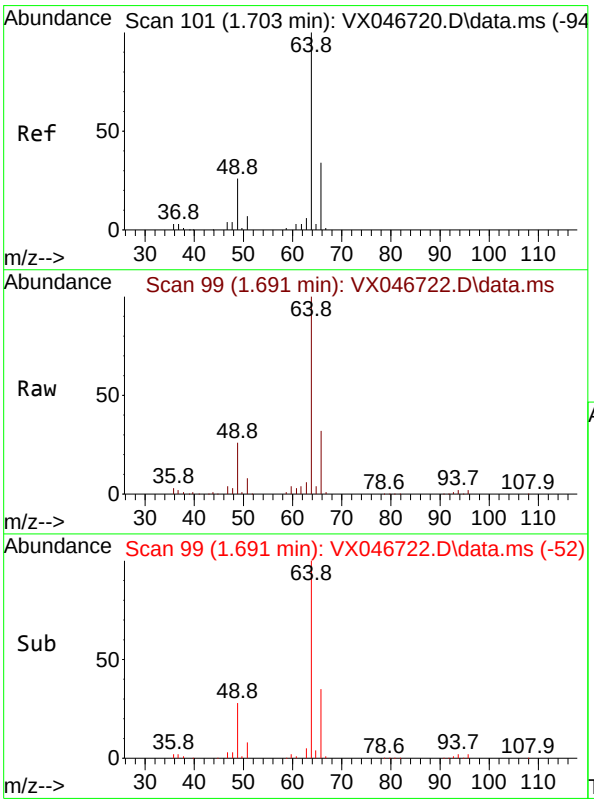
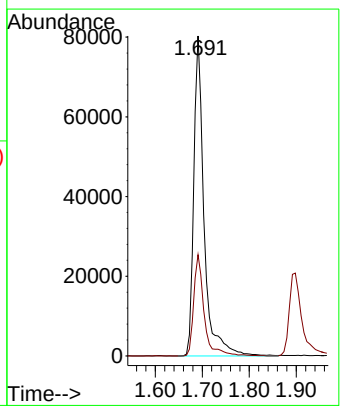
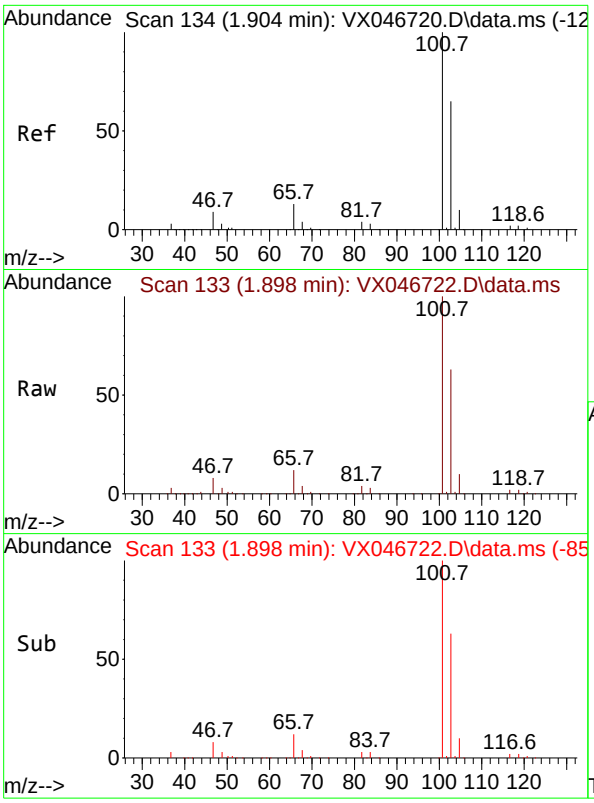


#6
Chloroethane
Concen: 153.530 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.012 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 64 Resp: 123323

Ion	Ratio	Lower	Upper
64	100		
66	31.7	27.1	40.7

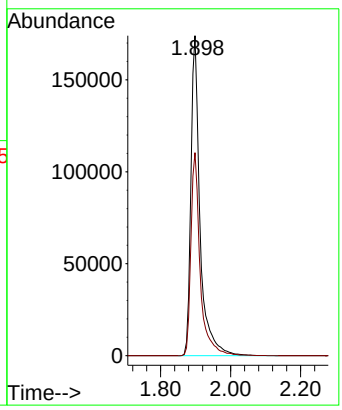




#7
Trichlorofluoromethane
Concen: 156.313 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:101 Resp: 31455

Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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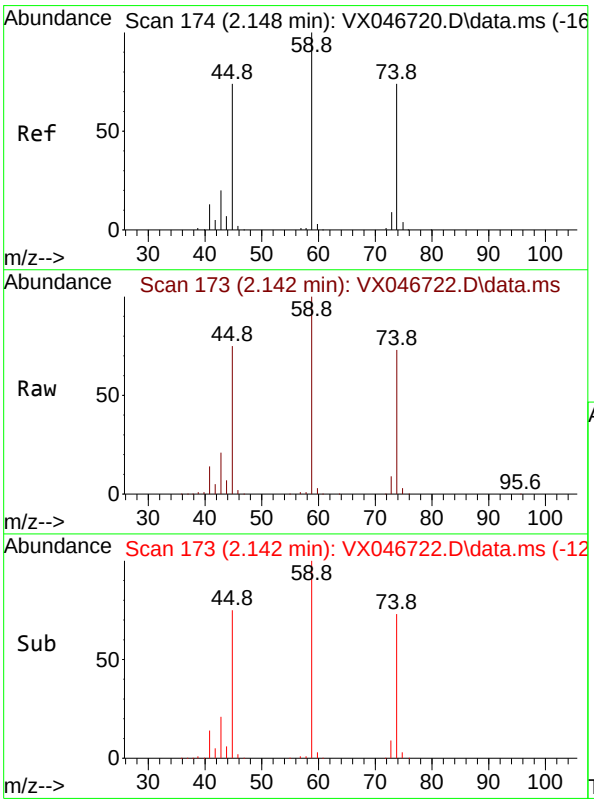
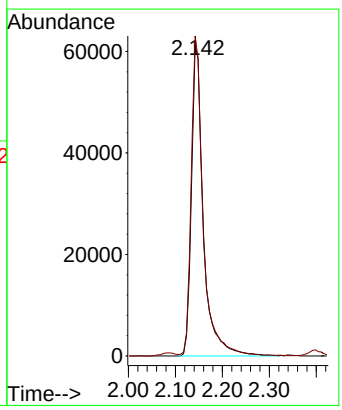
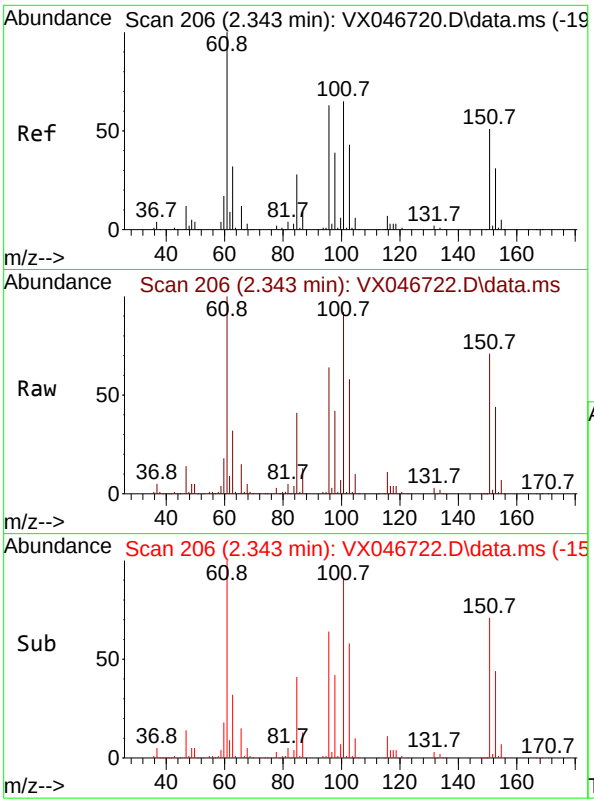


#8
Diethyl Ether
Concen: 157.544 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 74 Resp: 108801

Ion	Ratio	Lower	Upper
74	100		
45	101.4	52.3	157.1

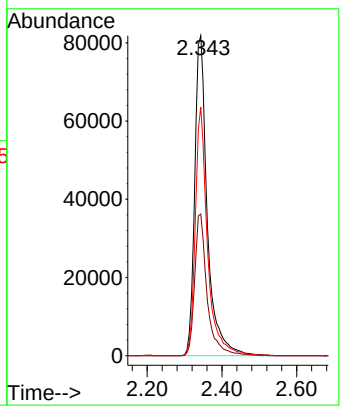




#9
1,1,2-Trichlorotrifluoroethane
Concen: 155.583 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:101 Resp: 19207

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.4	53.0
151	75.4	61.2	91.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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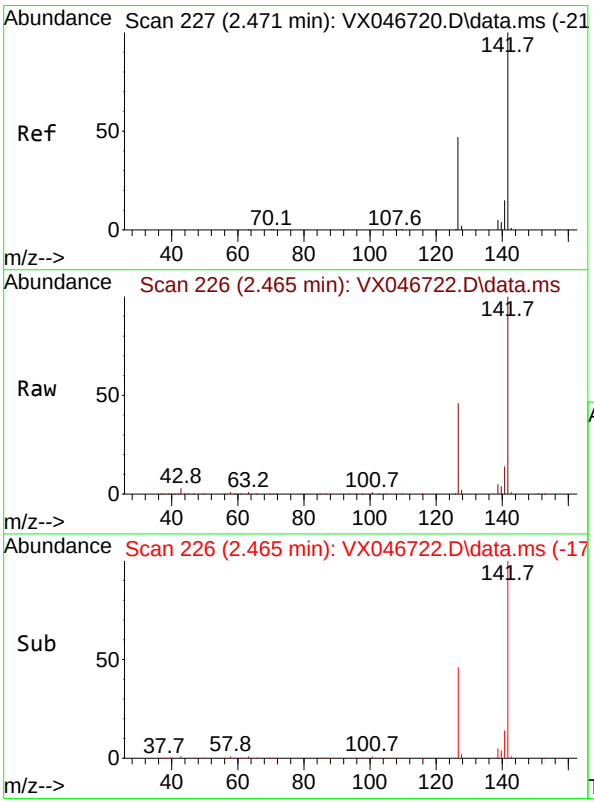
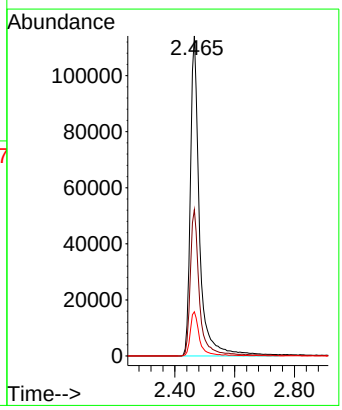
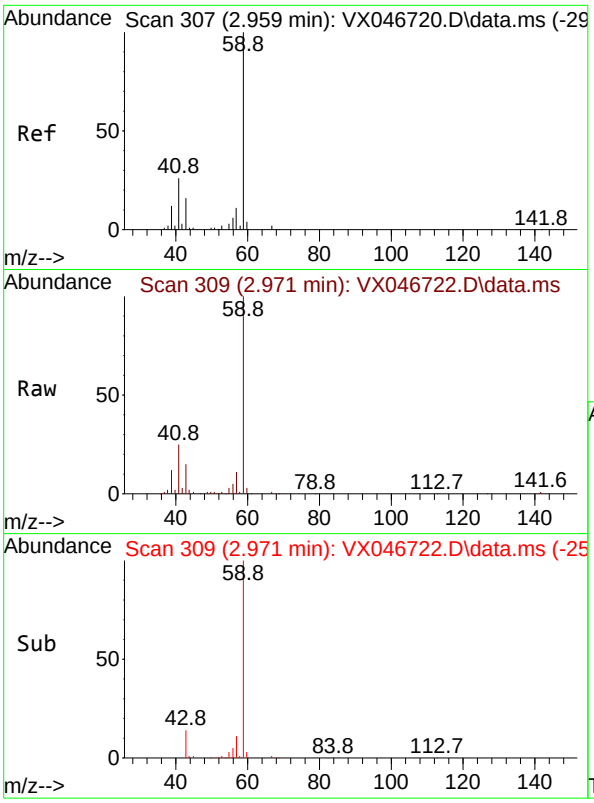


#10
Methyl Iodide
Concen: 148.201 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:142 Resp: 243423

Ion	Ratio	Lower	Upper
142	100		
127	45.5	37.0	55.6
141	13.6	11.5	17.3

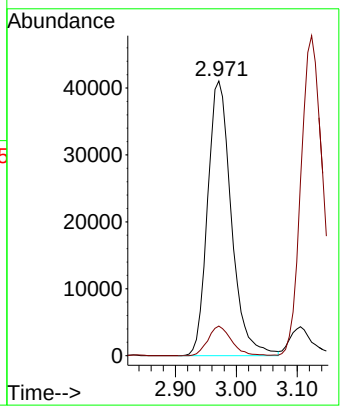




#11
Tert butyl alcohol
Concen: 830.155 ug/l
RT: 2.971 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 59 Resp: 11115

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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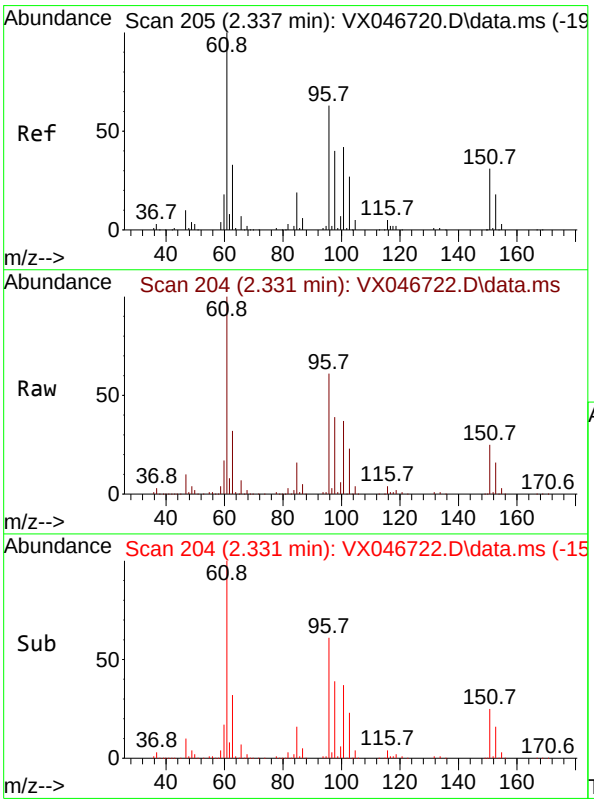
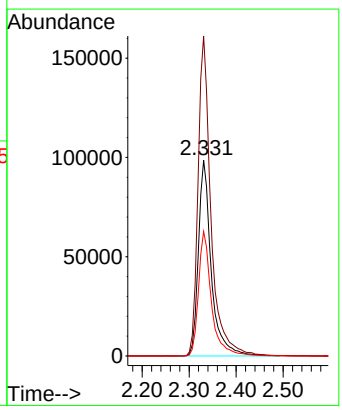
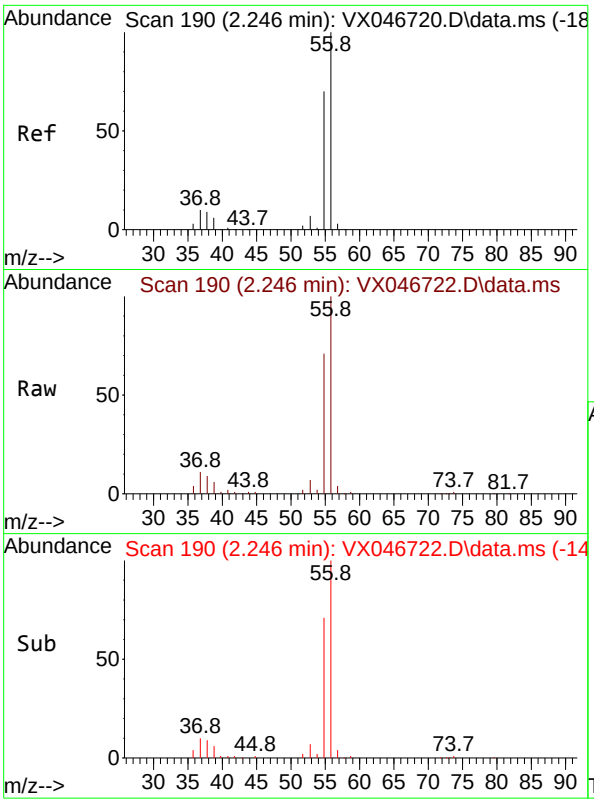


#12
1,1-Dichloroethene
Concen: 158.466 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 96 Resp: 188770

Ion	Ratio	Lower	Upper
96	100		
61	163.4	126.6	189.8
98	63.6	50.7	76.1

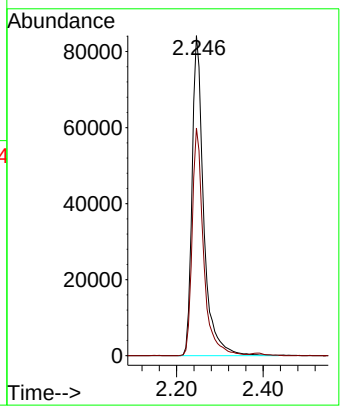




#13
Acrolein
Concen: 804.238 ug/l
RT: 2.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 56 Resp: 15684

Ion	Ratio	Lower	Upper
56	100		
55	69.8	55.2	82.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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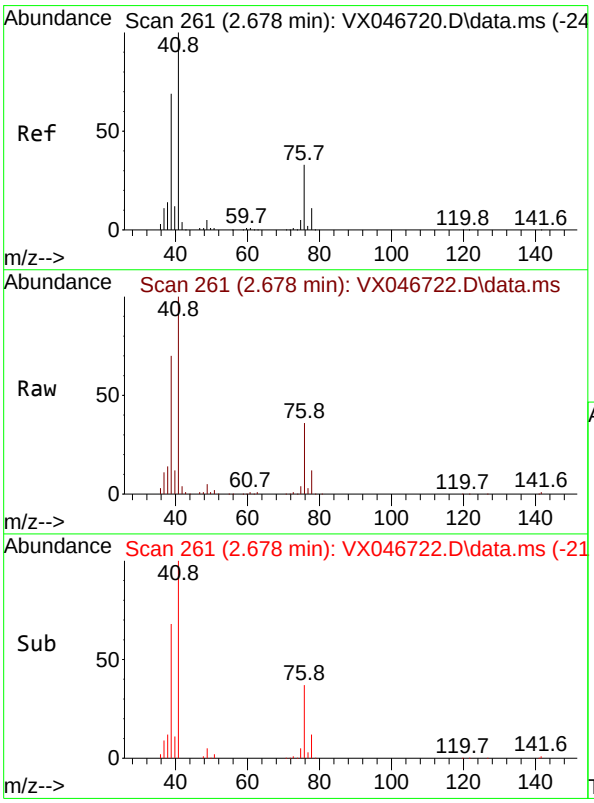
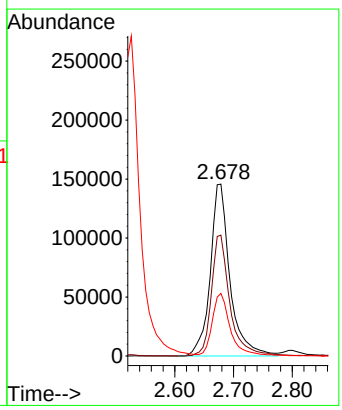
Supervised By :Mahesh Dadoda 06/18/2025

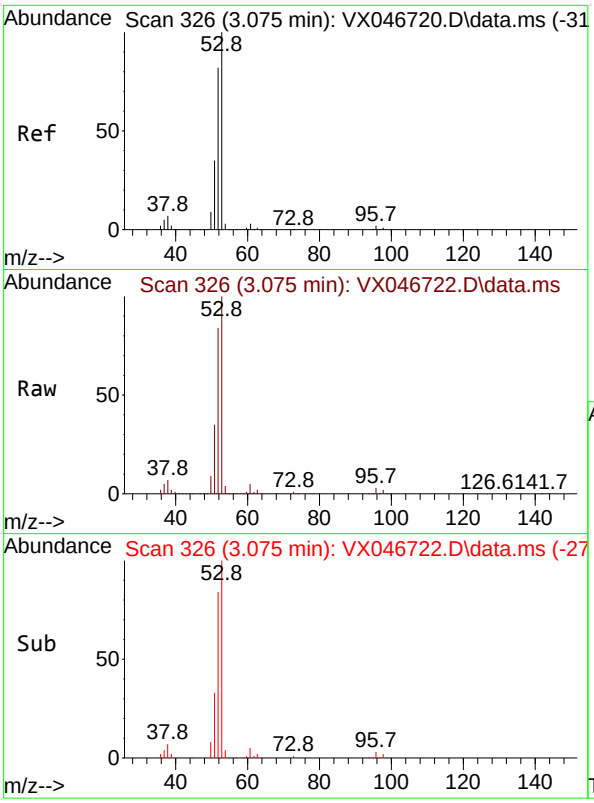


#14
Allyl chloride
Concen: 157.583 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 41 Resp: 340117

Ion	Ratio	Lower	Upper
41	100		
39	65.9	53.6	80.4
76	33.6	26.8	40.2





#15
Acrylonitrile
Concen: 793.036 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 53 Resp: 47744

Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.1	97.7
51	36.3	28.9	43.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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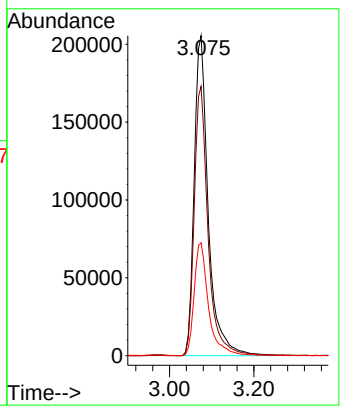
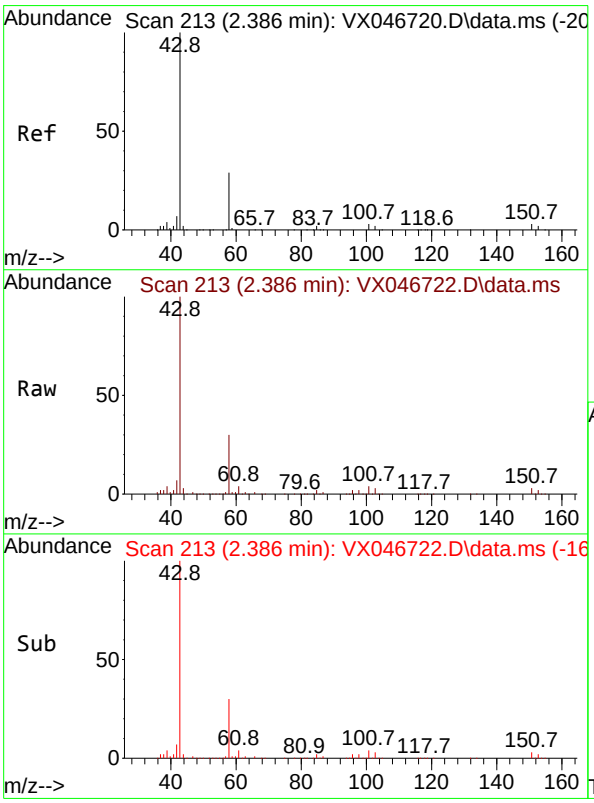
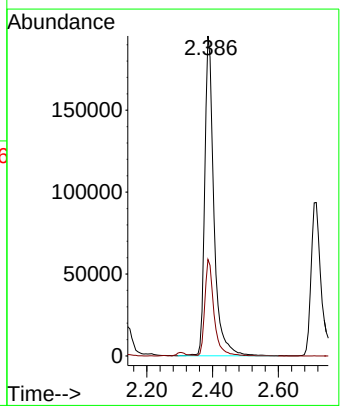


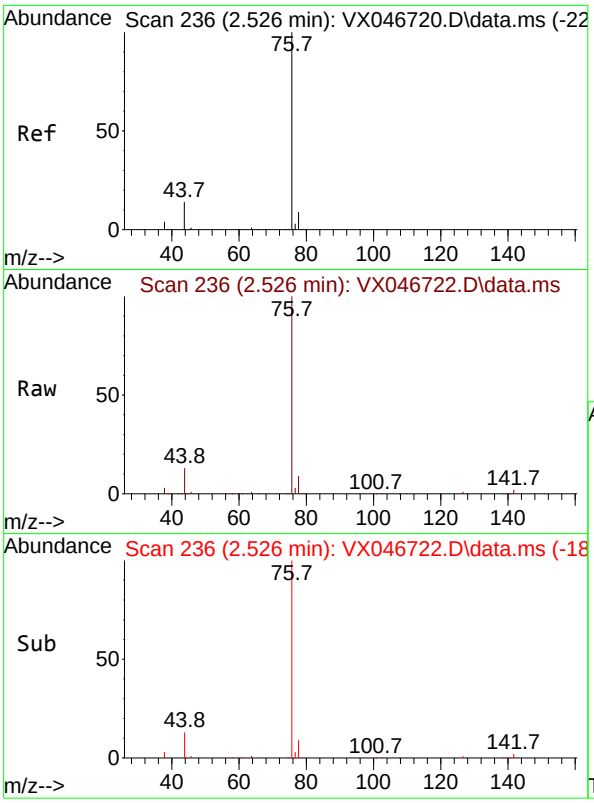


#16
Acetone
Concen: 760.980 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 43 Resp: 378554

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.5	36.7

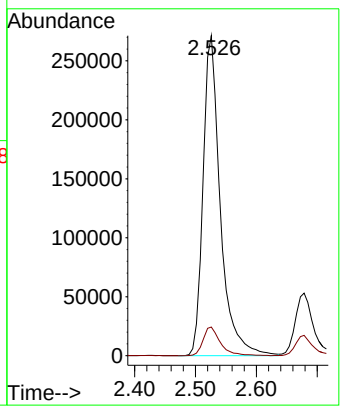




#17
Carbon Disulfide
Concen: 148.907 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 76 Resp: 53565

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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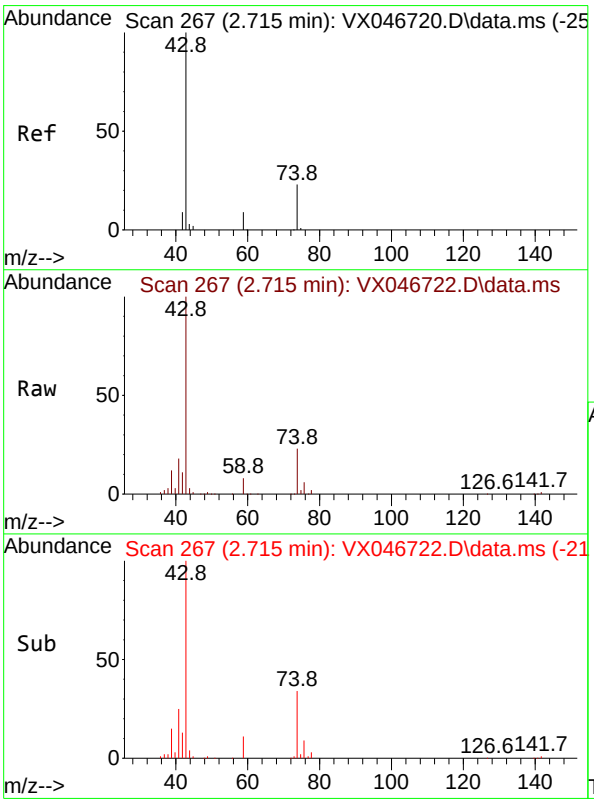
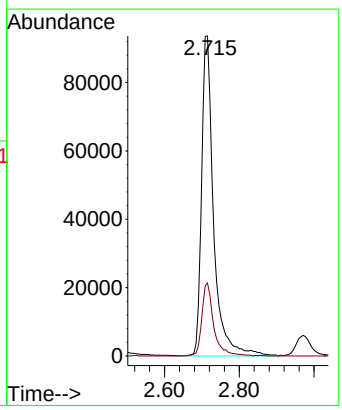
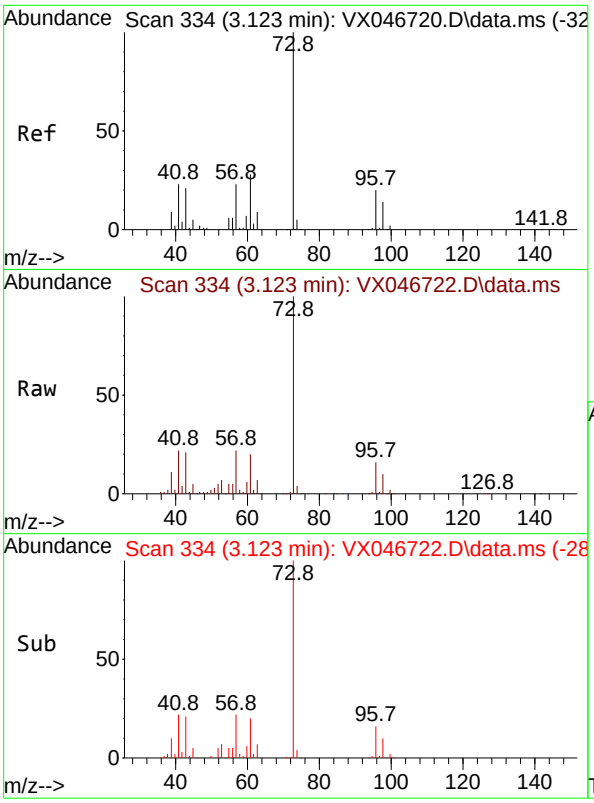


#18
Methyl Acetate
Concen: 165.695 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 43 Resp: 209349

Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.4	27.6

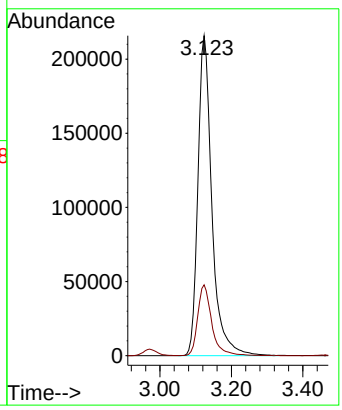




#19
Methyl tert-butyl Ether
Concen: 157.742 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 73 Resp: 58509

Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.2	27.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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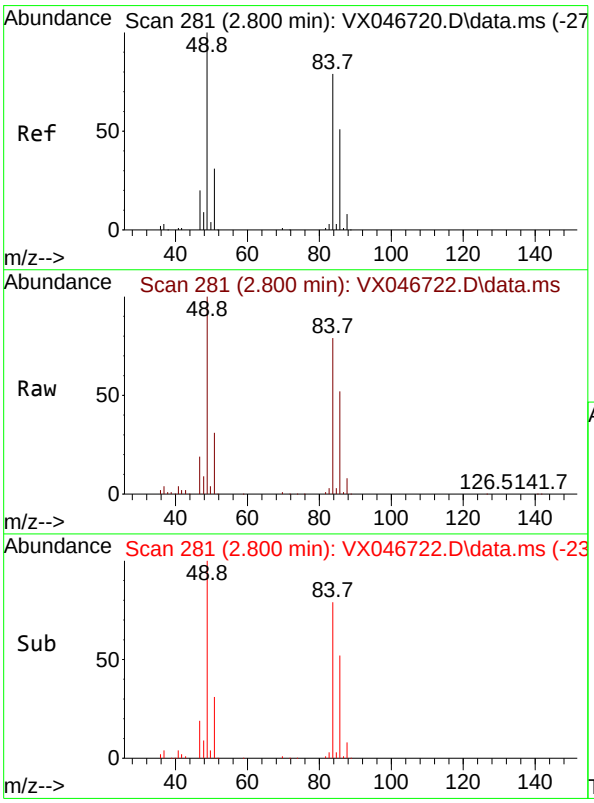
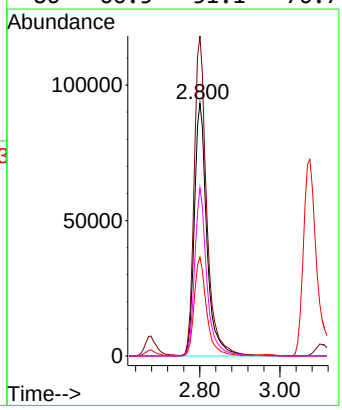
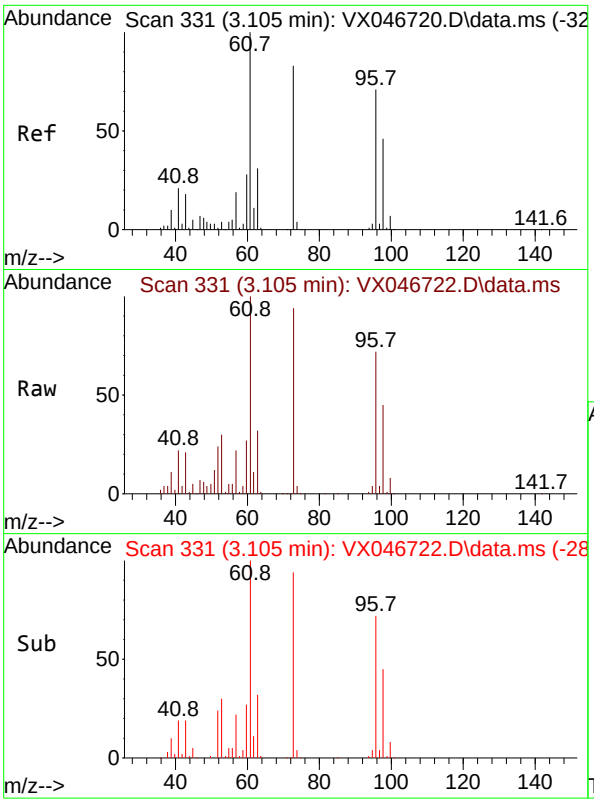


#20
Methylene Chloride
Concen: 146.004 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 84 Resp: 201983

Ion	Ratio	Lower	Upper
84	100		
49	126.6	101.3	151.9
51	39.0	31.0	46.6
86	66.5	51.1	76.7

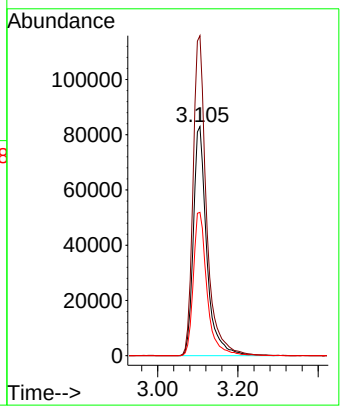




#21
trans-1,2-Dichloroethene
Concen: 151.016 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 96 Resp: 19249

Ion	Ratio	Lower	Upper
96	100		
61	139.6	112.5	168.7
98	62.5	51.9	77.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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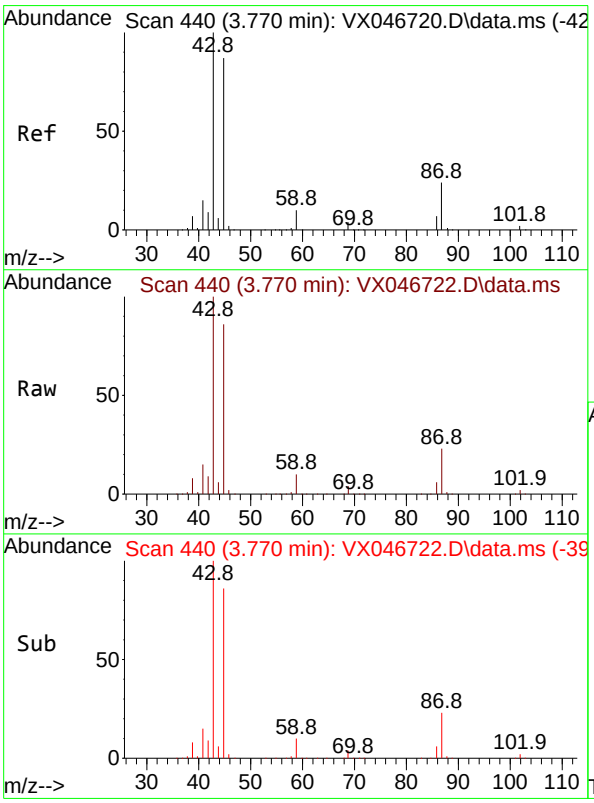
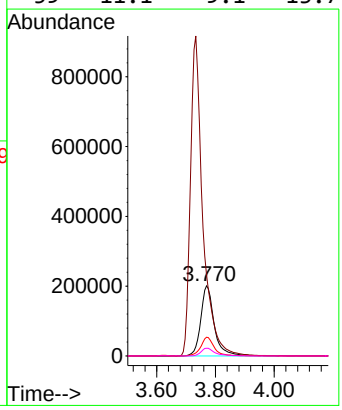
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

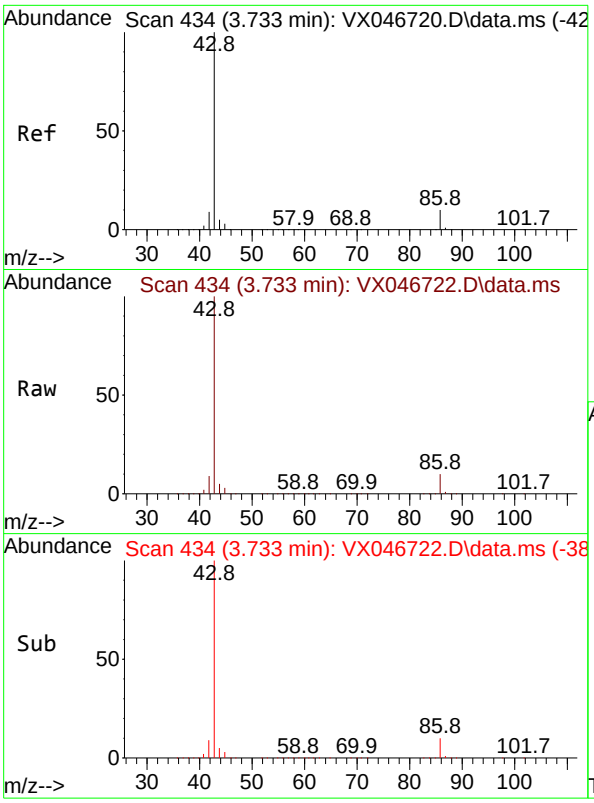


#22
Diisopropyl ether
Concen: 153.904 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 45 Resp: 638477

Ion	Ratio	Lower	Upper
45	100		
43	115.7	91.9	137.9
87	26.6	22.0	33.0
59	11.1	9.1	13.7





#23
Vinyl Acetate
Concen: 815.794 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 43 Resp: 269126

Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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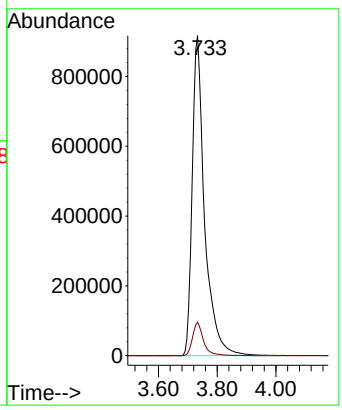
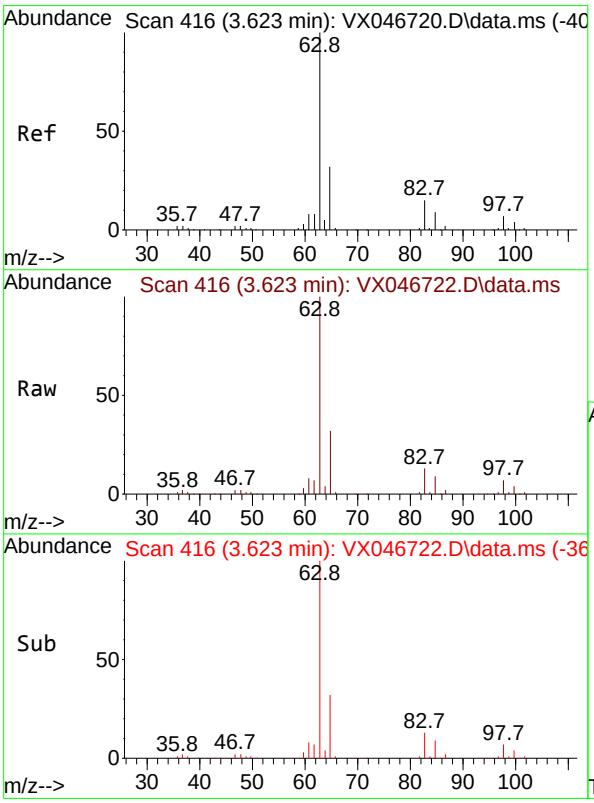
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

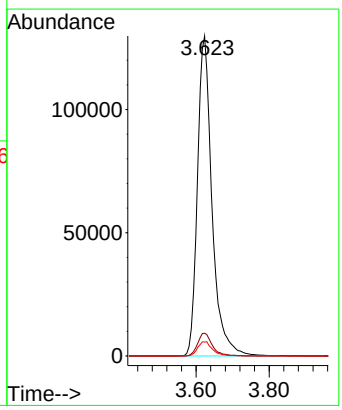


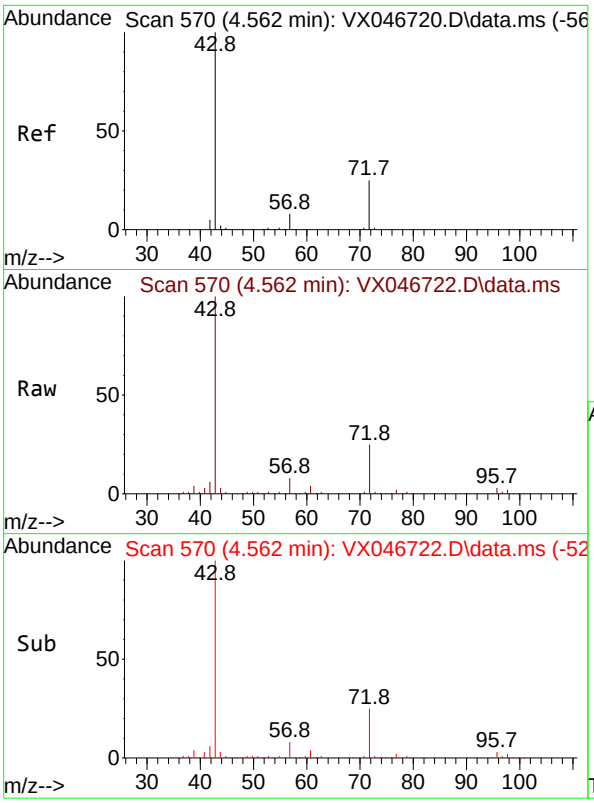


#24
1,1-Dichloroethane
Concen: 153.006 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 63 Resp: 360395

Ion	Ratio	Lower	Upper
63	100		
98	7.1	4.0	11.9
100	4.3	2.2	6.6

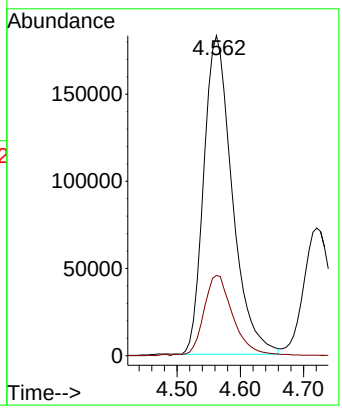




#25
2-Butanone
Concen: 811.132 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 43 Resp: 57067

Ion	Ratio	Lower	Upper
43	100		
72	24.7	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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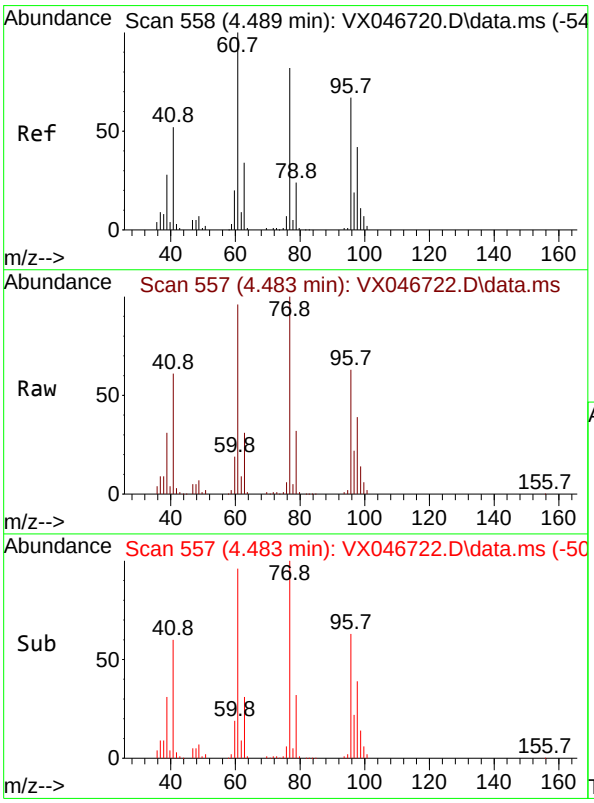
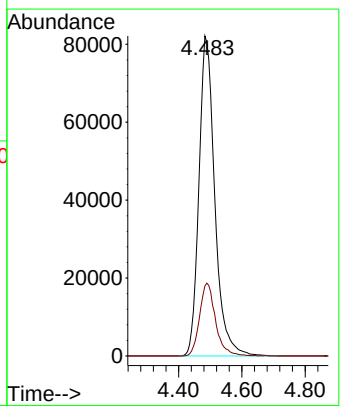
Supervised By :Mahesh Dadoda 06/18/2025

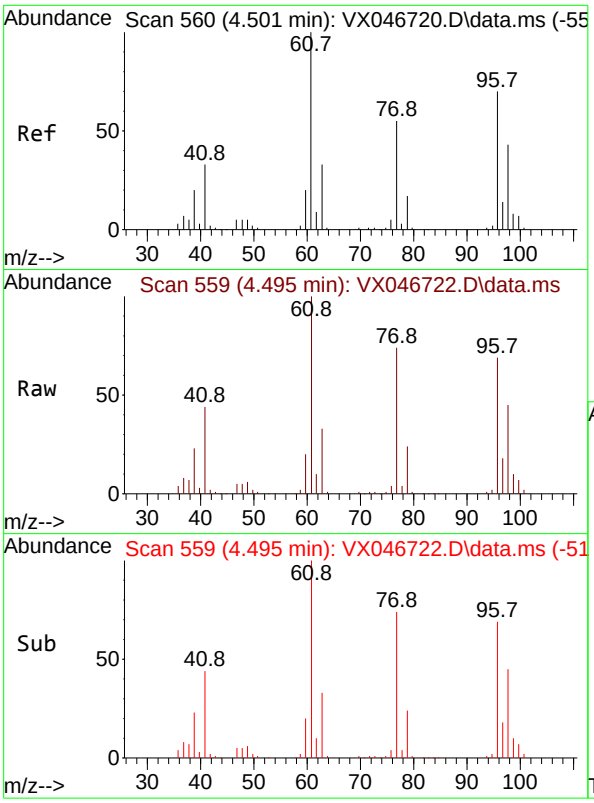


#26
2,2-Dichloropropane
Concen: 166.896 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 77 Resp: 286713

Ion	Ratio	Lower	Upper
77	100		
97	22.9	11.8	35.3





#27
cis-1,2-Dichloroethene
Concen: 152.112 ug/l
RT: 4.495 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 96 Resp: 22778

Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	291.0
98	64.7	0.0	126.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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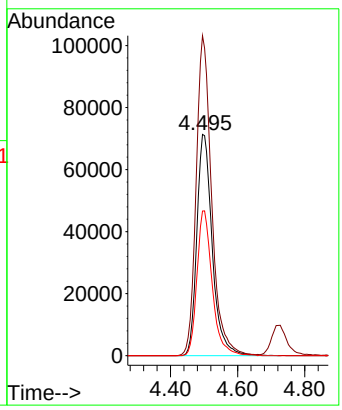
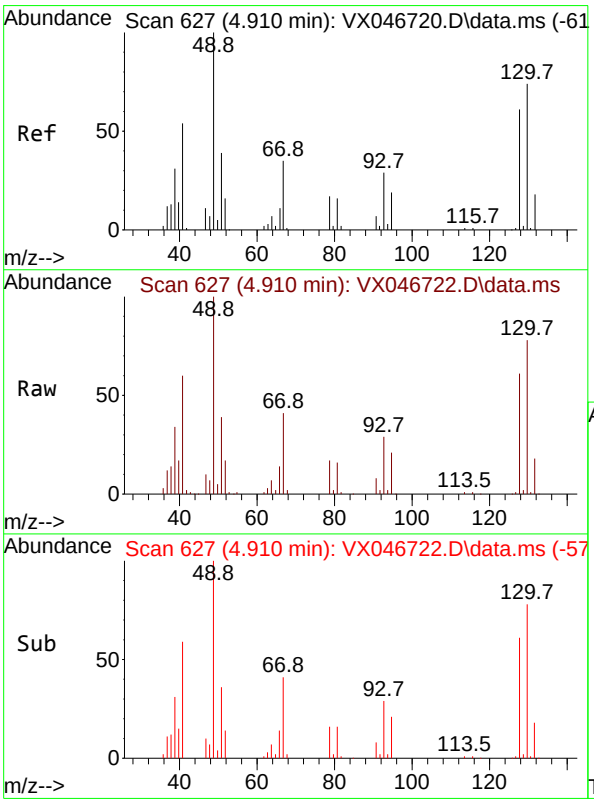
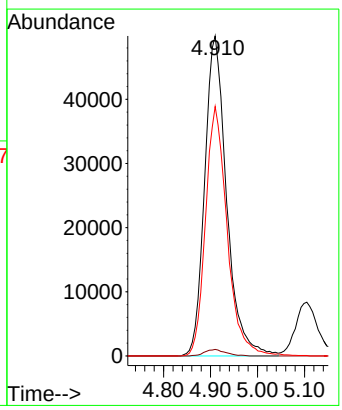


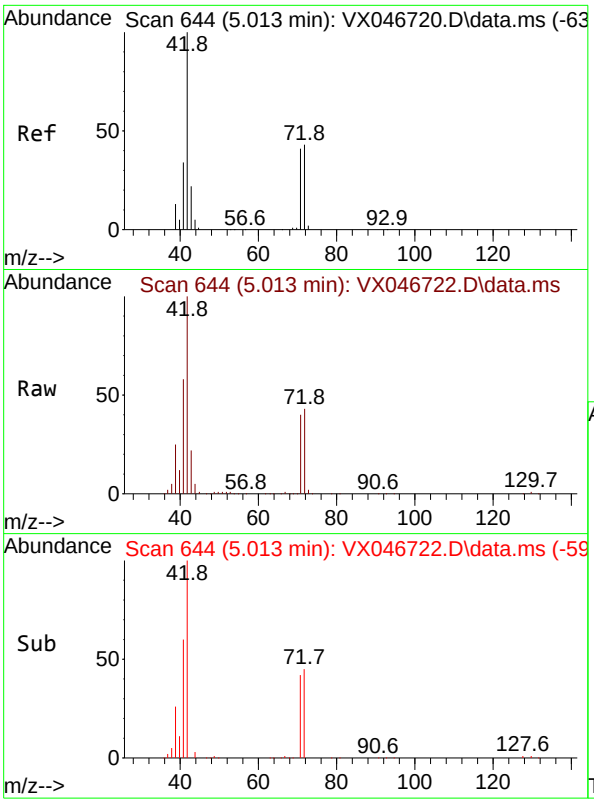


#28
Bromochloromethane
Concen: 151.520 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 49 Resp: 161801

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	76.9	61.4	92.0





#29
Tetrahydrofuran
Concen: 815.879 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 42 Resp: 37076

Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.9	52.3
71	40.1	32.2	48.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/18/2025
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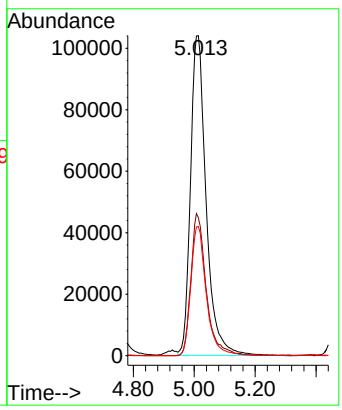
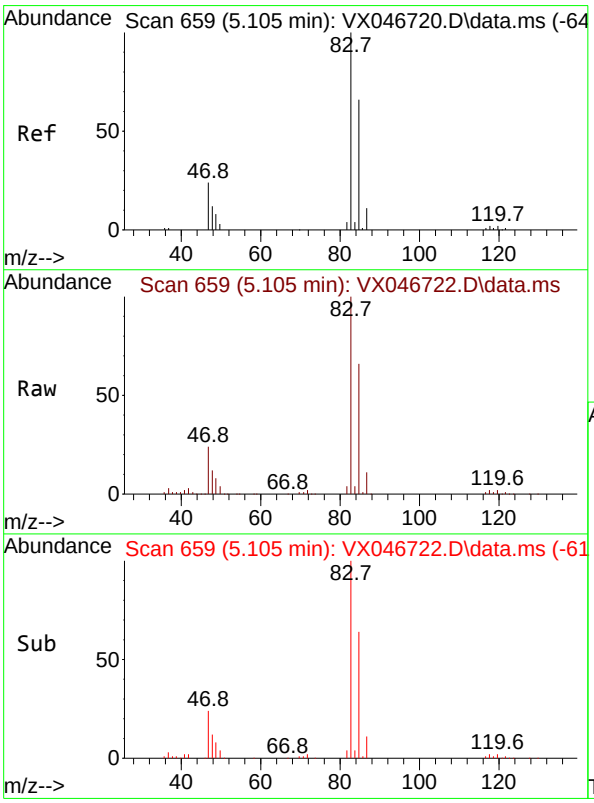
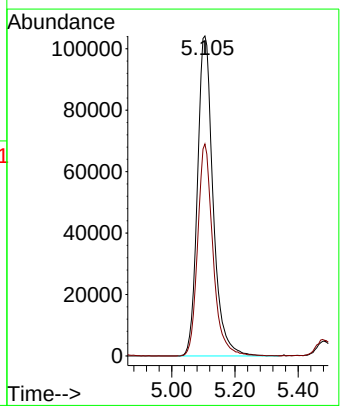


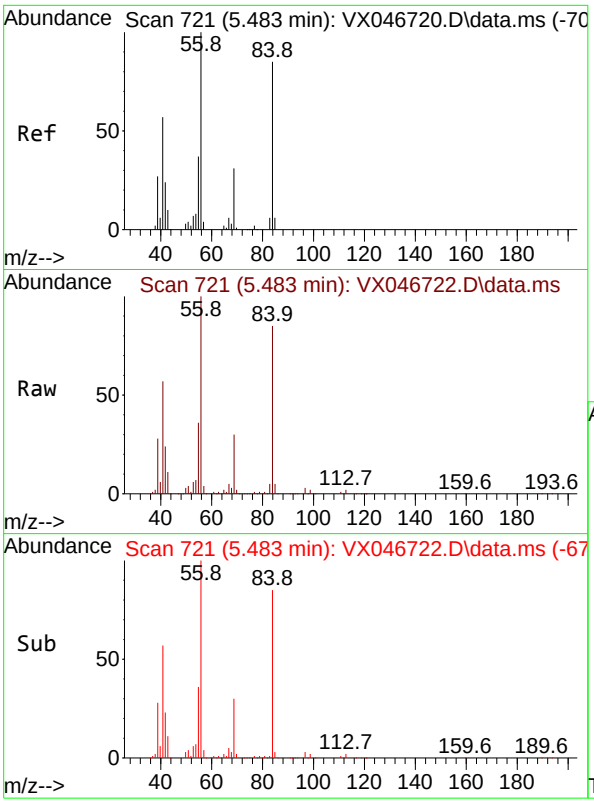


#30
Chloroform
Concen: 152.312 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 83 Resp: 358782

Ion	Ratio	Lower	Upper
83	100		
85	66.2	53.7	80.5





#31
Cyclohexane
Concen: 147.842 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 56 Resp: 33023

Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.8	37.2
84	83.6	68.2	102.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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Reviewed By :Semsettin Yesilyurt 06/18/2025
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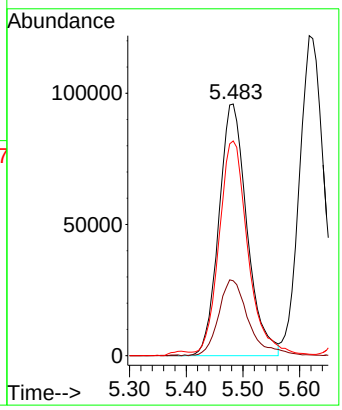
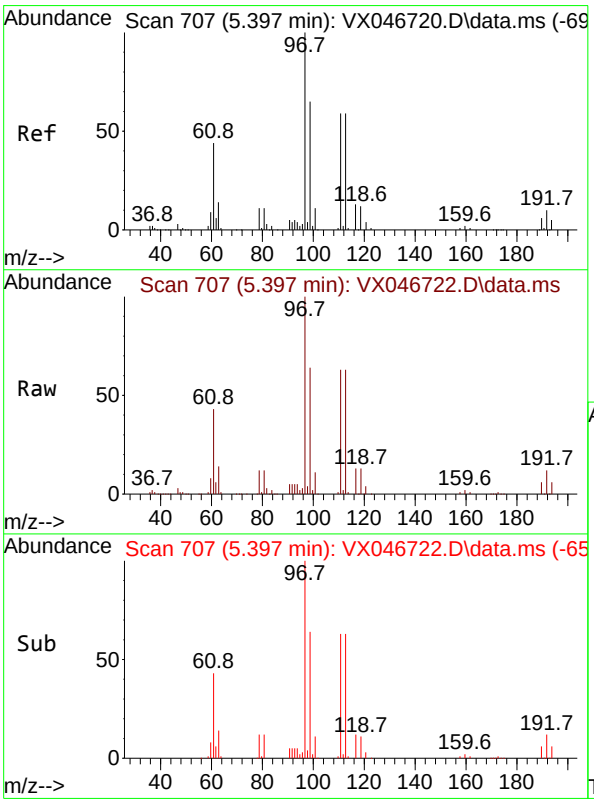
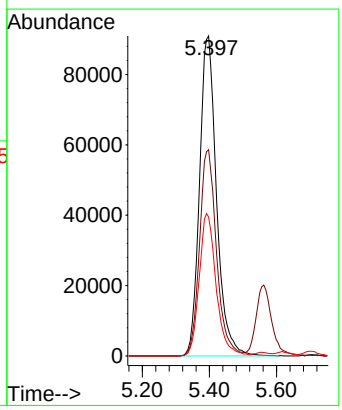


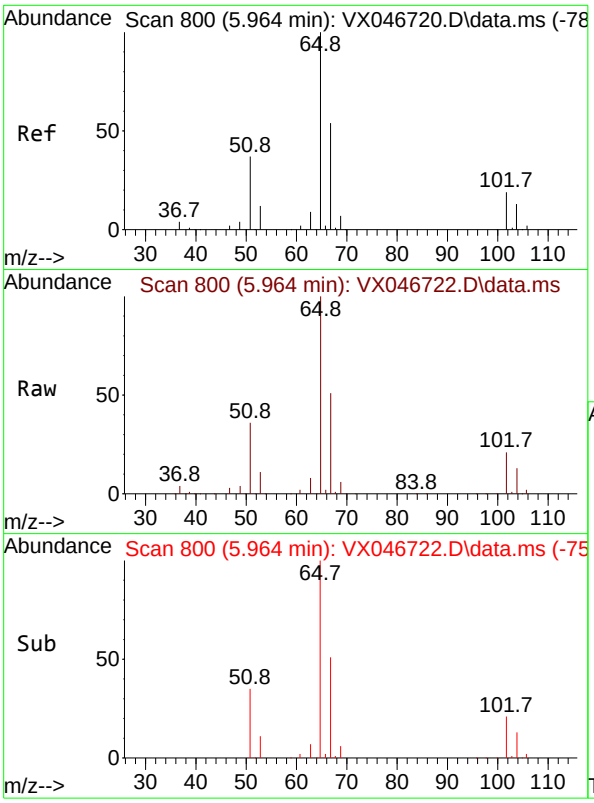


#32
1,1,1-Trichloroethane
Concen: 155.082 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 97 Resp: 320382

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	44.3	36.4	54.6

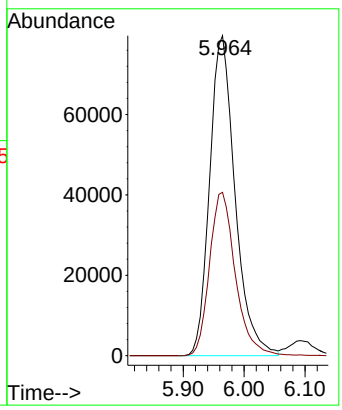




#33
1,2-Dichloroethane-d4
Concen: 154.797 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 65 Resp: 23091

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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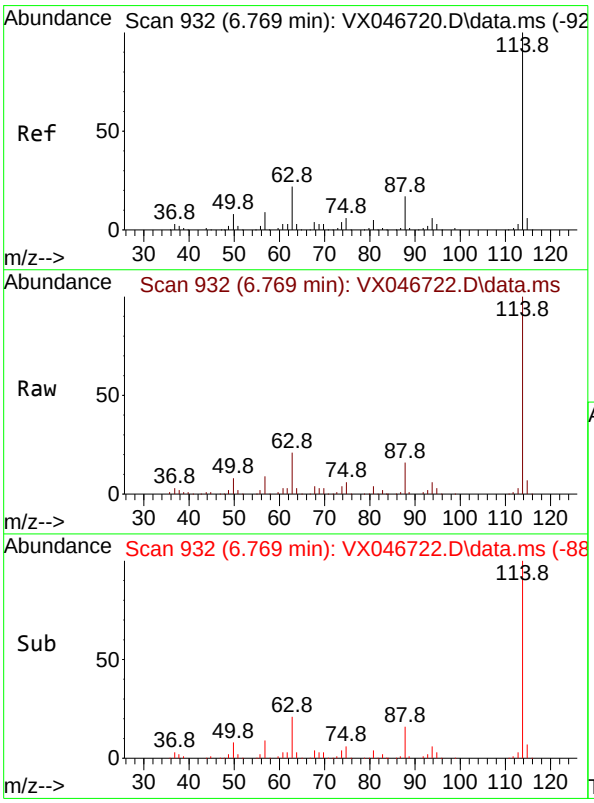
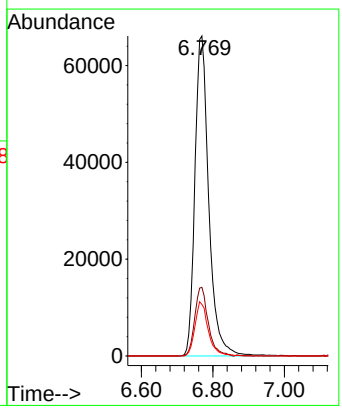
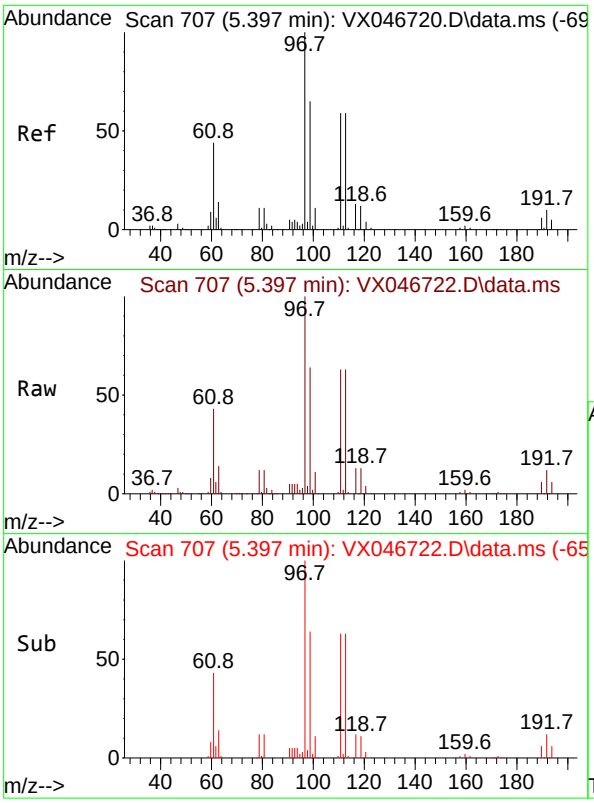


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:114 Resp: 178346

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.2
88	16.1	0.0	33.2

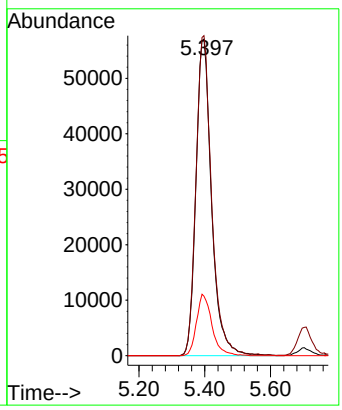




#35
Dibromofluoromethane
Concen: 158.930 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:113 Resp: 18753

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	19.2	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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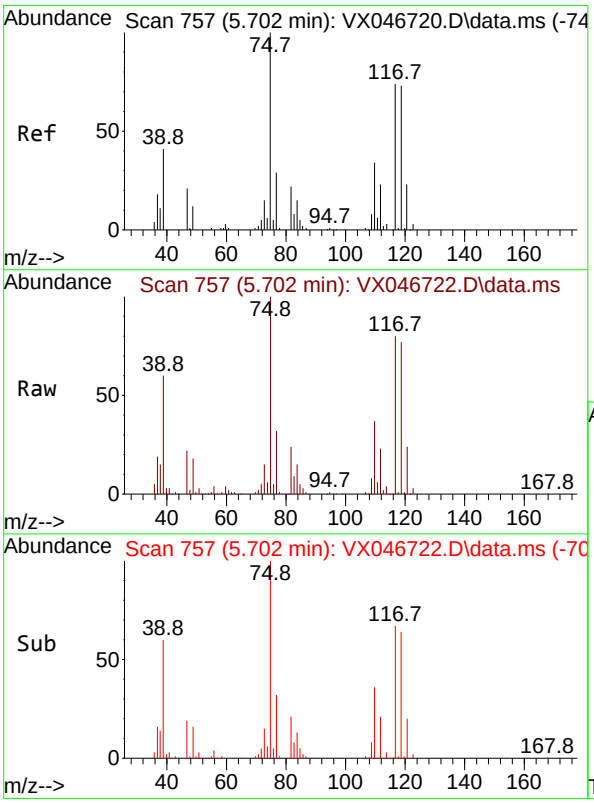
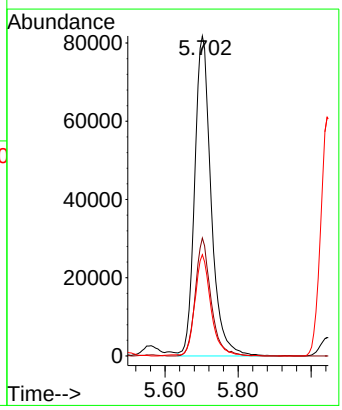
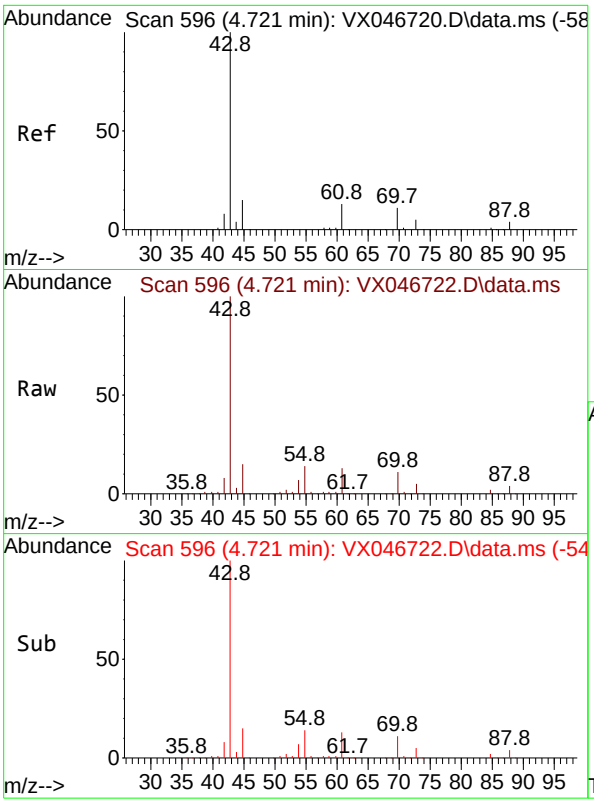


#36
1,1-Dichloropropene
Concen: 150.653 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 75 Resp: 256619

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.2	51.5
77	31.0	24.2	36.4





#37
Ethyl Acetate
Concen: 156.284 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 43 Resp: 24572

Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.7	14.5
70	10.4	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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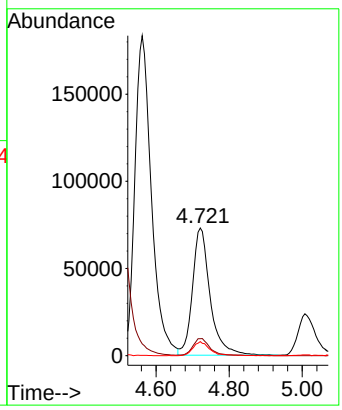
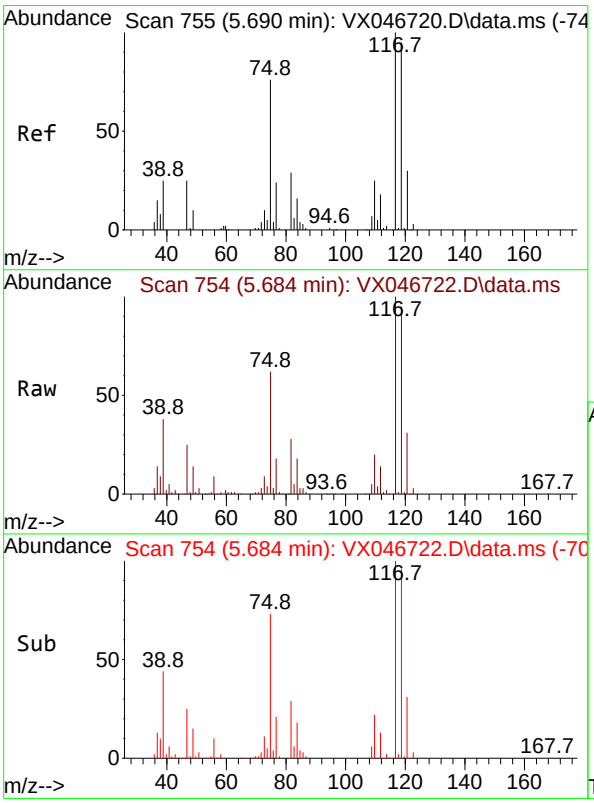
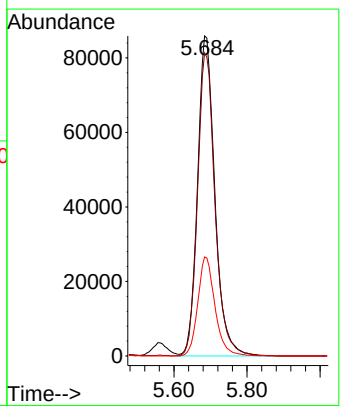


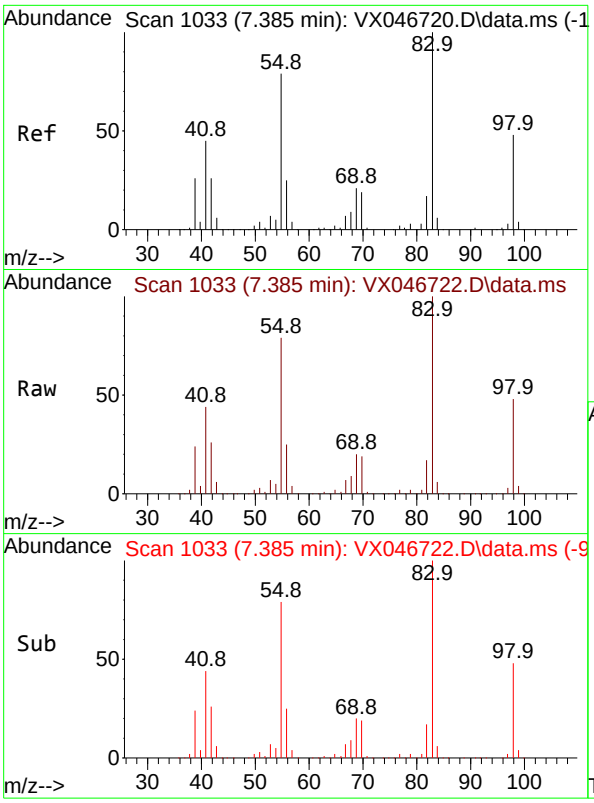


#38
Carbon Tetrachloride
Concen: 153.668 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:117 Resp: 284066

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.2	112.8
121	30.9	24.1	36.1





#39
Methylcyclohexane
Concen: 154.413 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 83 Resp: 34611

Ion	Ratio	Lower	Upper
83	100		
55	78.6	63.0	94.4
98	48.5	38.8	58.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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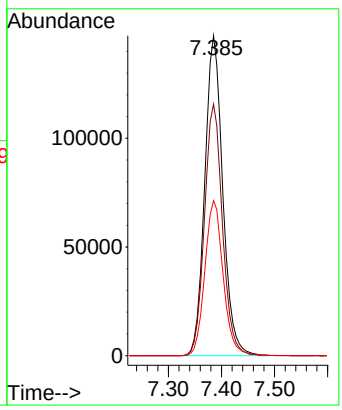
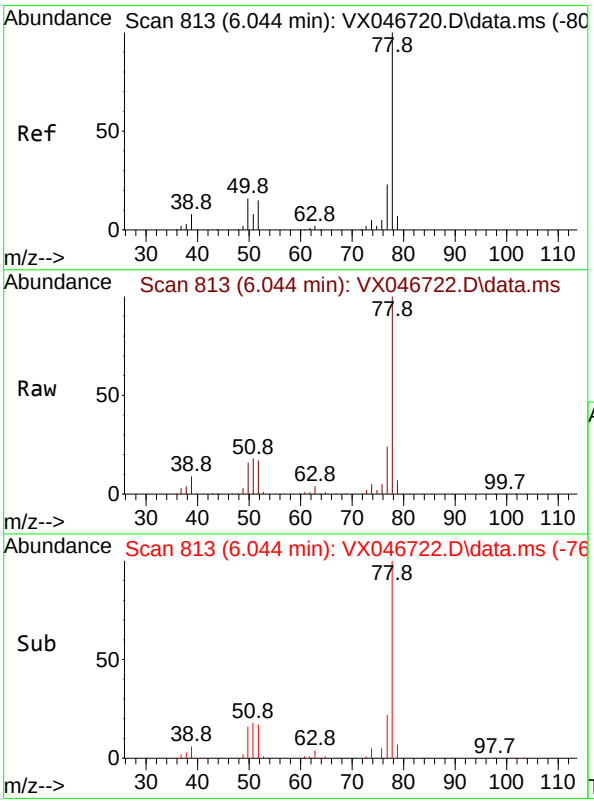
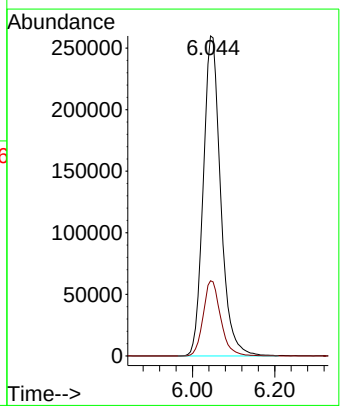


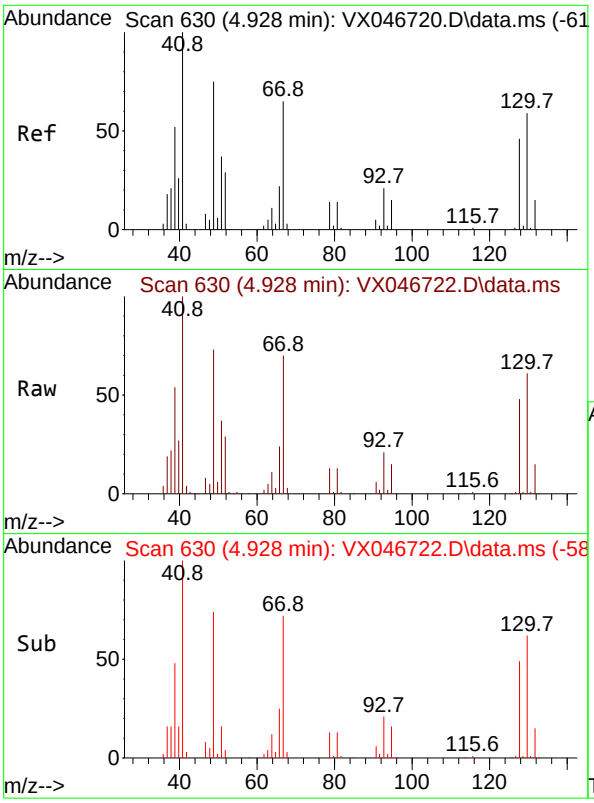


#40
Benzene
Concen: 151.423 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 78 Resp: 763341

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

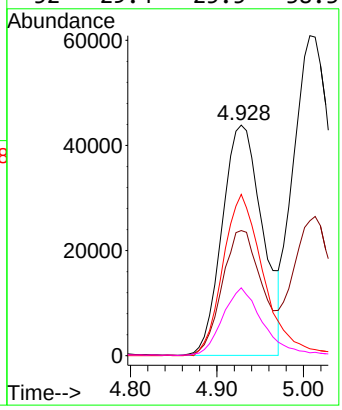




#41
Methacrylonitrile
Concen: 169.745 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 41 Resp: 14228

Ion	Ratio	Lower	Upper
41	100		
39	52.0	45.9	68.9
67	71.3	61.2	91.8
52	29.4	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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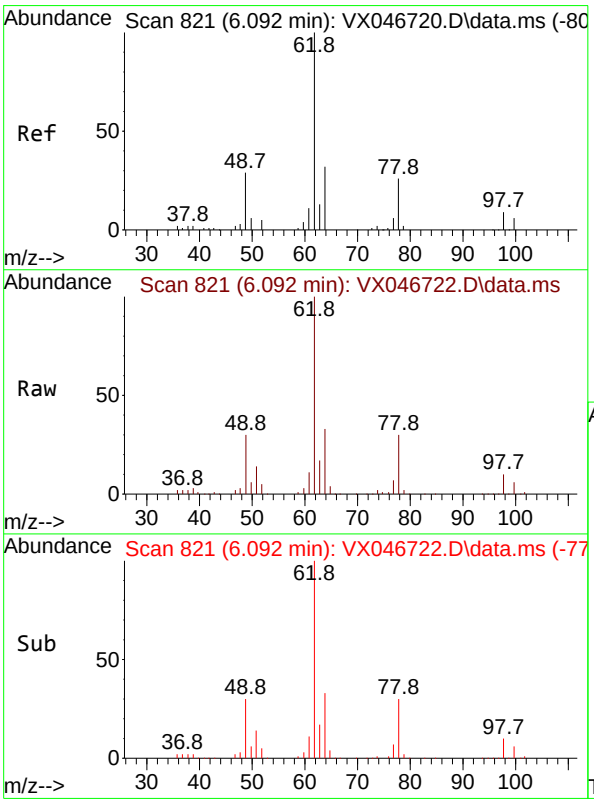
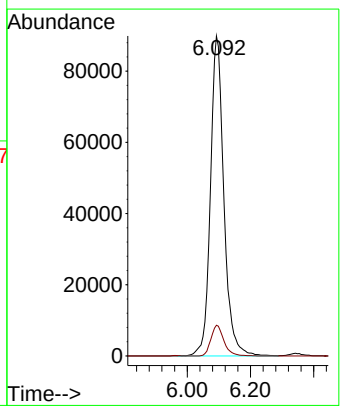
Supervised By :Mahesh Dadoda 06/18/2025

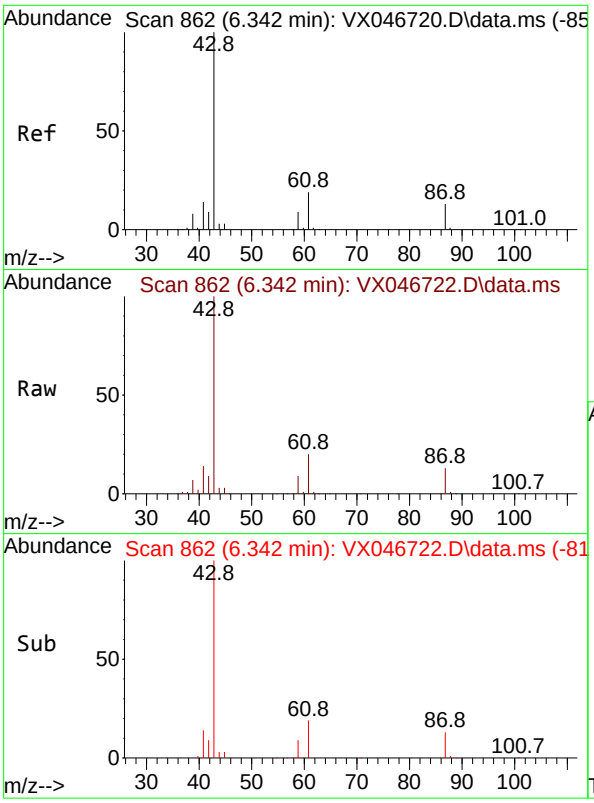


#42
1,2-Dichloroethane
Concen: 150.011 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 62 Resp: 265740

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8





#43
Isopropyl Acetate
Concen: 167.483 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 43 Resp: 41206

Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.3	22.9
87	12.8	10.0	15.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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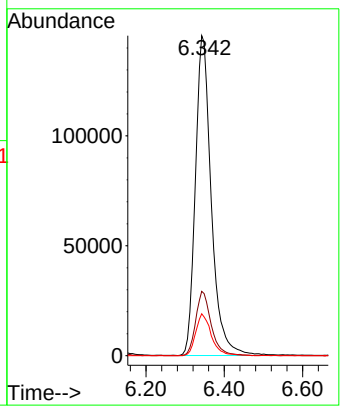
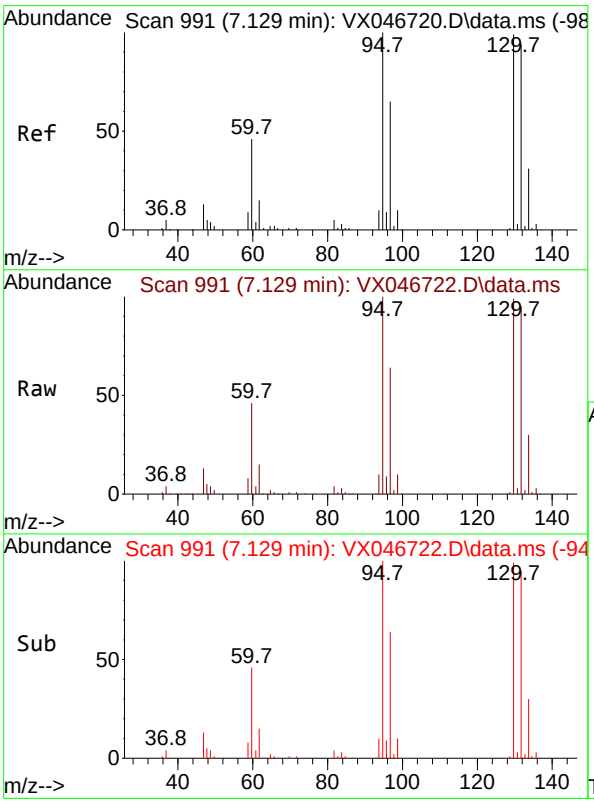
Supervised By :Mahesh Dadoda 06/18/2025

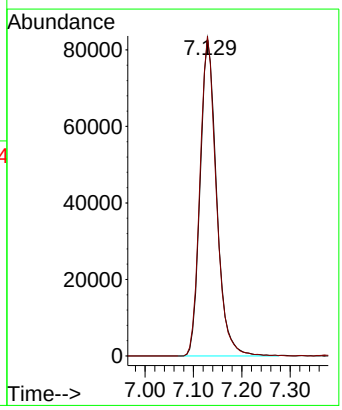


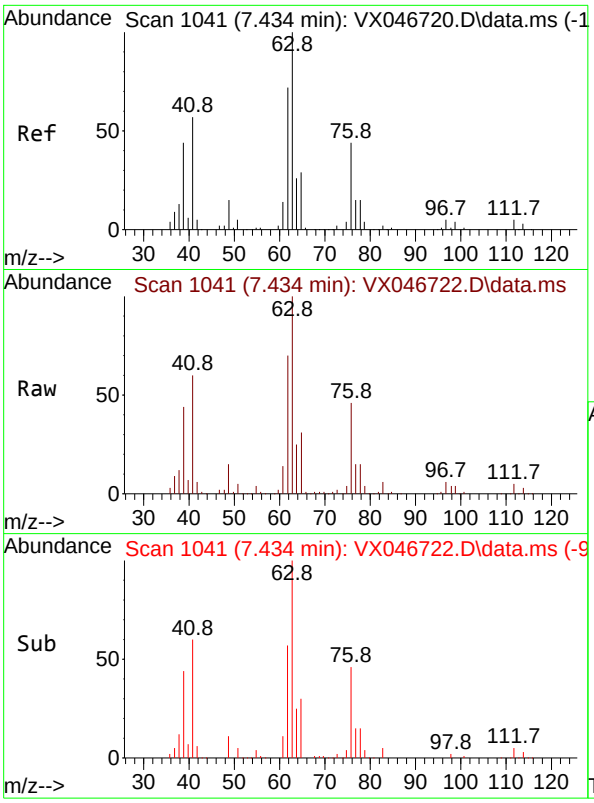


#44
Trichloroethene
Concen: 152.520 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:130 Resp: 195943

Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	202.6





#45
1,2-Dichloropropane
Concen: 153.025 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 63 Resp: 19118

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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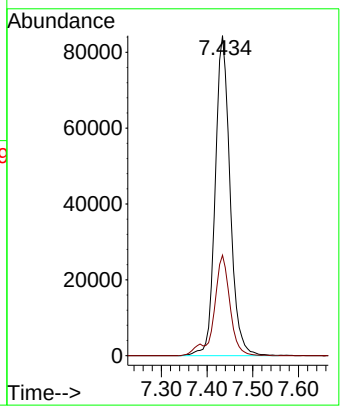
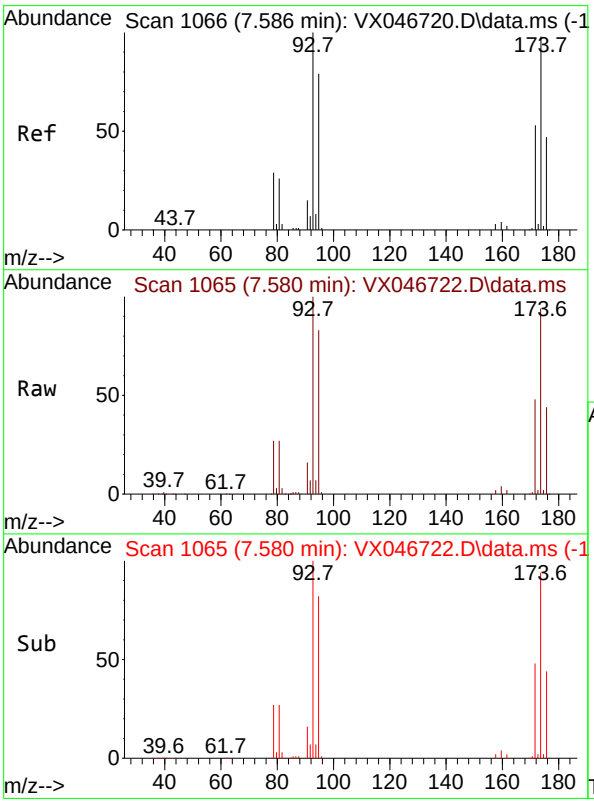
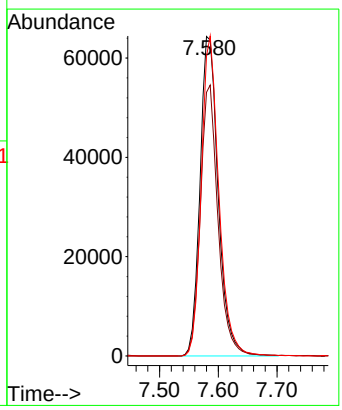


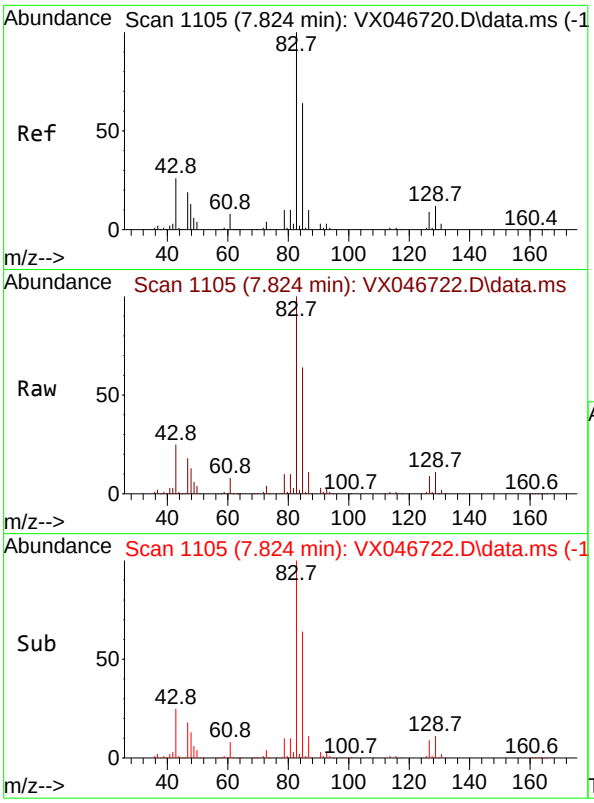


#46
Dibromomethane
Concen: 154.297 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 93 Resp: 138541

Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.2	99.4
174	97.0	77.0	115.6

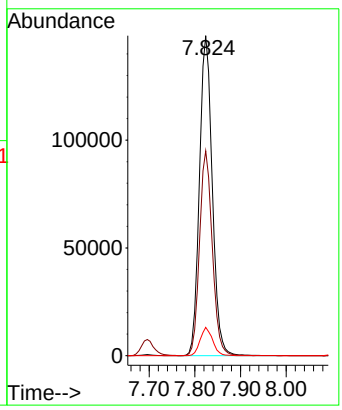




#47
Bromodichloromethane
Concen: 157.630 ug/l
RT: 7.824 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 83 Resp: 28882

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.2
127	8.8	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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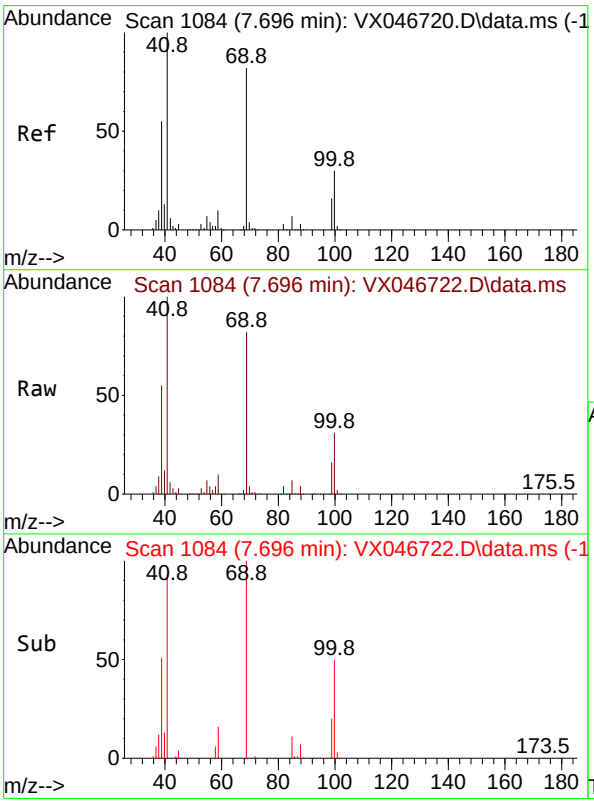
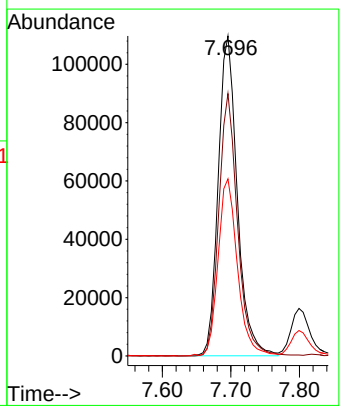
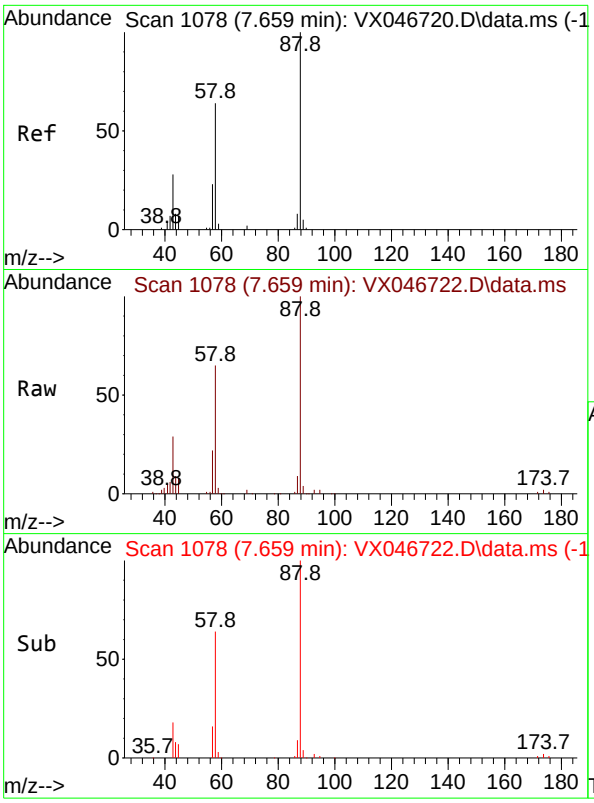


#48
Methyl methacrylate
Concen: 171.734 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 41 Resp: 211908

Ion	Ratio	Lower	Upper
41	100		
69	80.7	63.4	95.2
39	56.3	45.4	68.0





#49
1,4-Dioxane
Concen: 2987.386 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 88 Resp: 5464

Ion	Ratio	Lower	Upper
88	100		
43	37.6	31.2	46.8
58	71.8	54.7	82.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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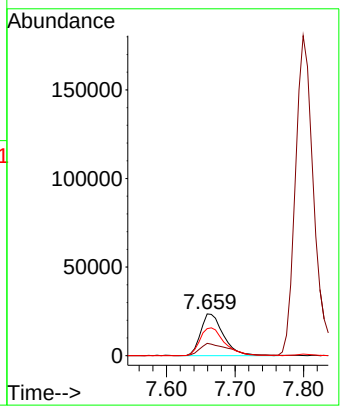
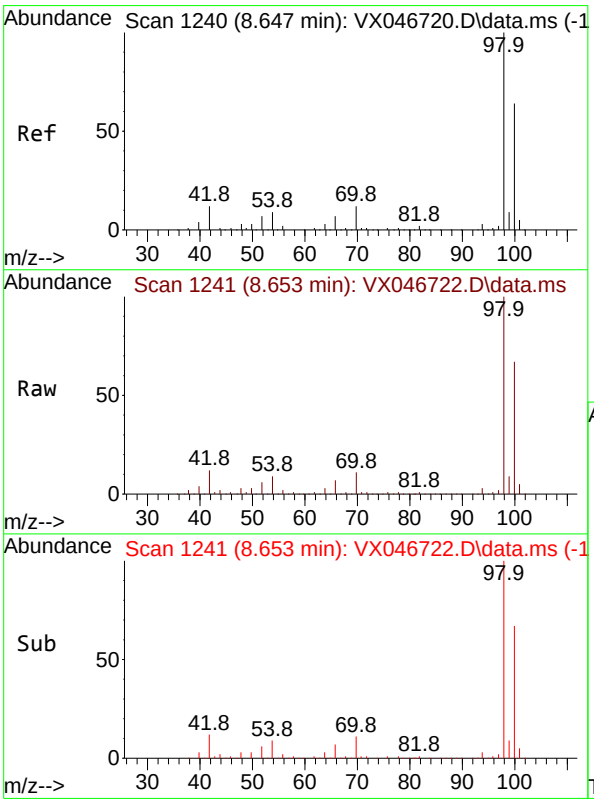
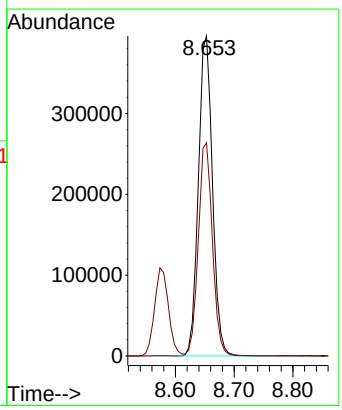


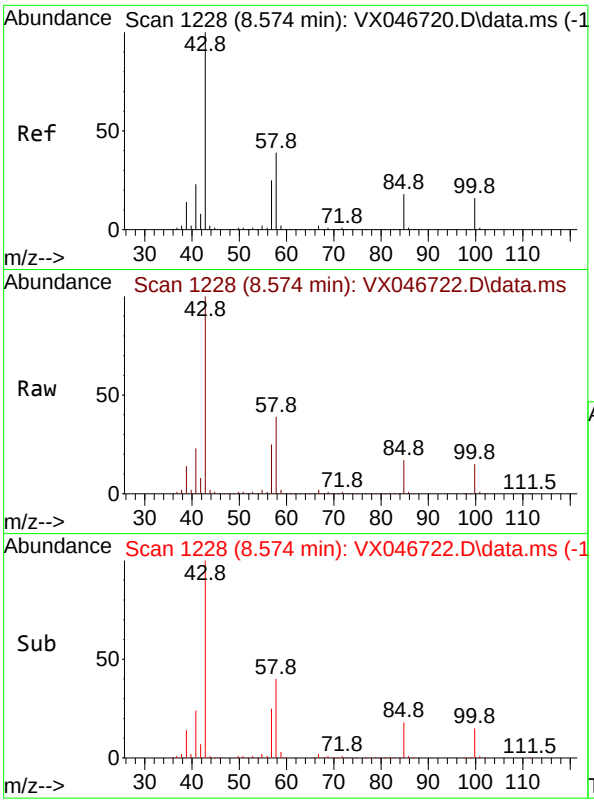


#50
Toluene-d8
Concen: 155.733 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 98 Resp: 660221

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 799.825 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 43 Resp: 117366

Ion	Ratio	Lower	Upper
43	100		
58	38.8	30.8	46.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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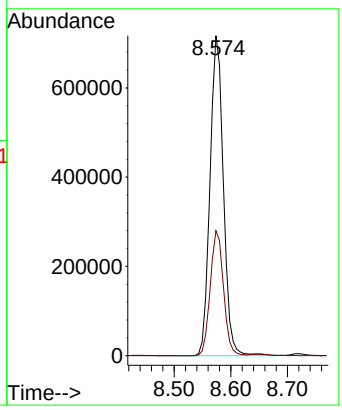
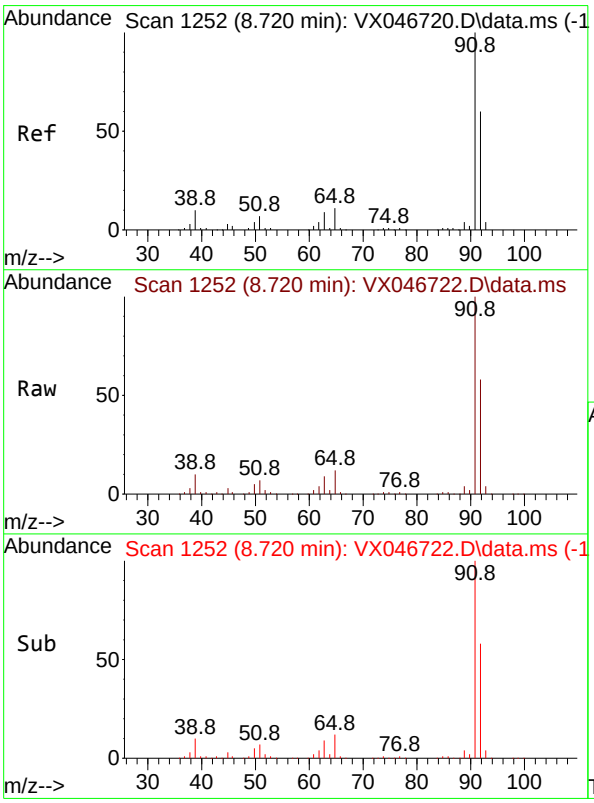
Supervised By :Mahesh Dadoda 06/18/2025

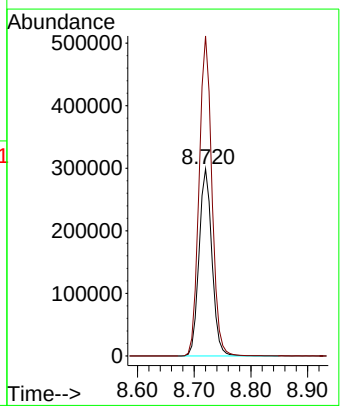


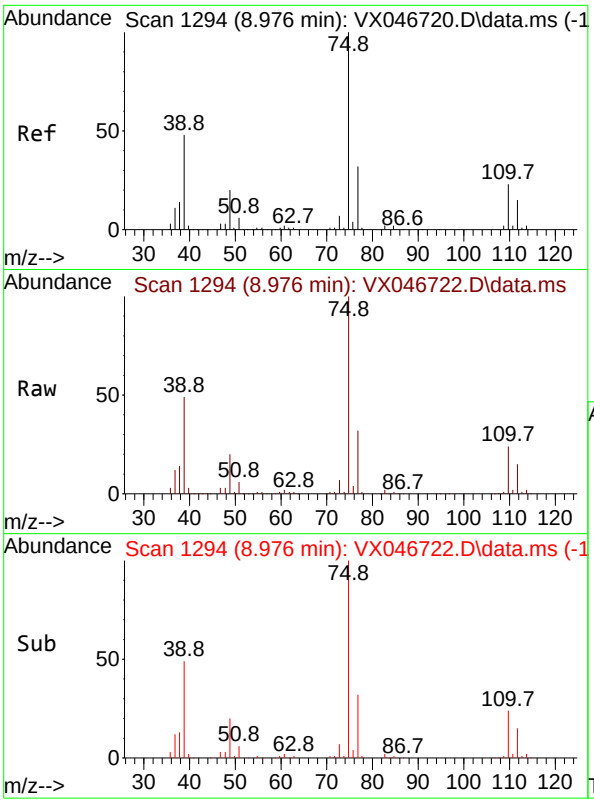


#52
Toluene
Concen: 150.800 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 92 Resp: 471273

Ion	Ratio	Lower	Upper
92	100		
91	169.7	134.8	202.2

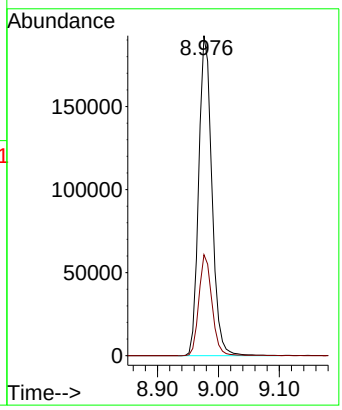




#53
t-1,3-Dichloropropene
Concen: 169.929 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 75 Resp: 28889

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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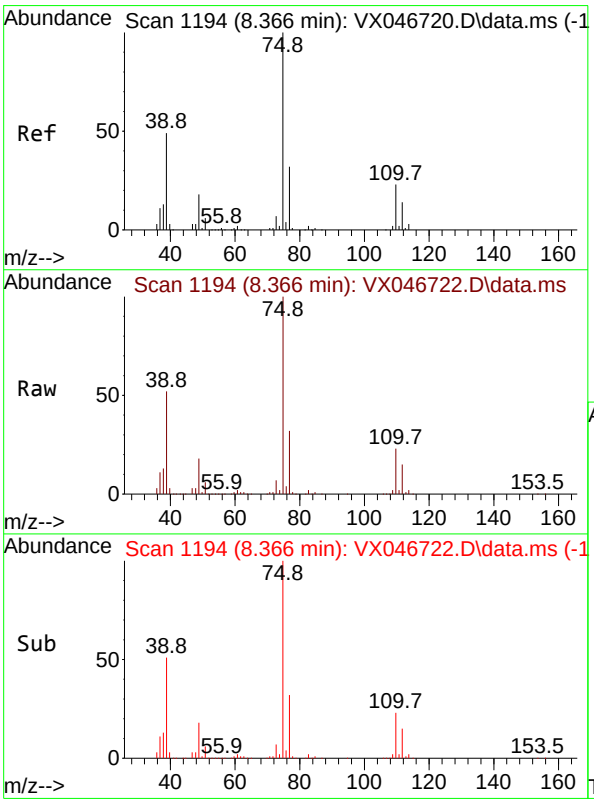
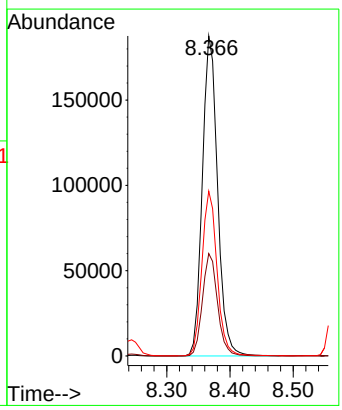
Supervised By :Mahesh Dadoda 06/18/2025

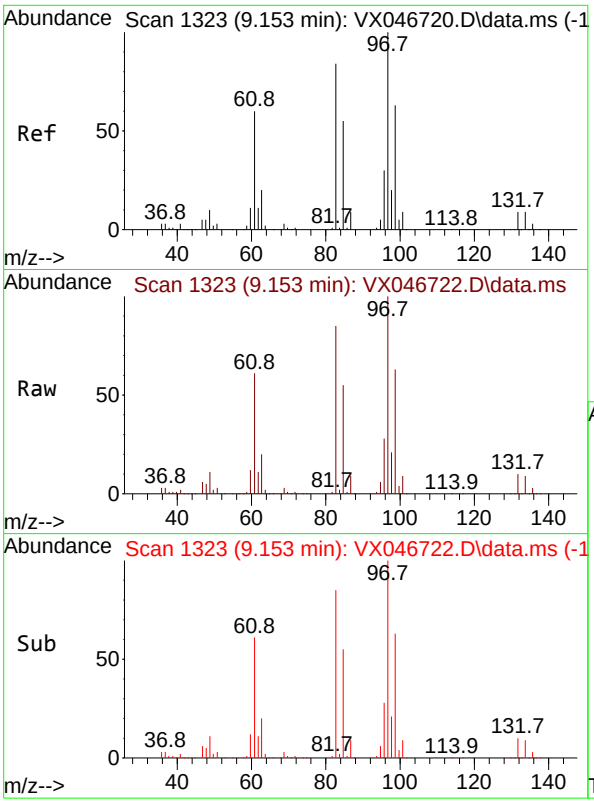


#54
cis-1,3-Dichloropropene
Concen: 163.198 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 75 Resp: 314965

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	51.4	39.2	58.8

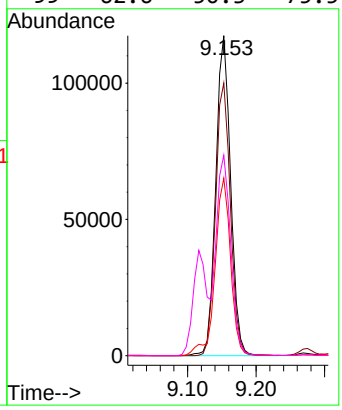




#55
1,1,2-Trichloroethane
Concen: 151.099 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 97 Resp: 17597

Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.2	100.8
85	55.5	44.1	66.1
99	62.6	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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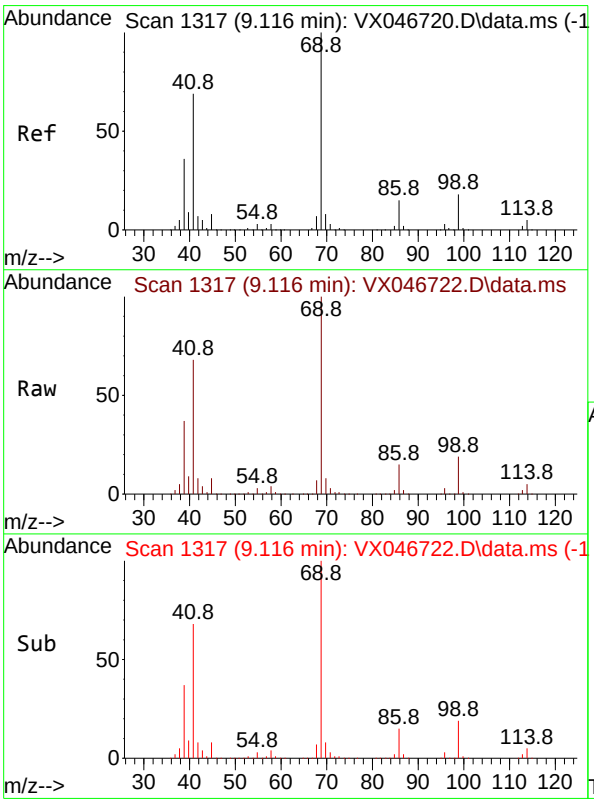
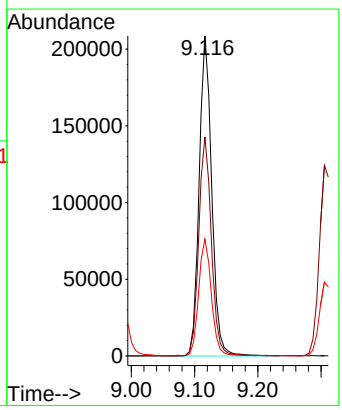
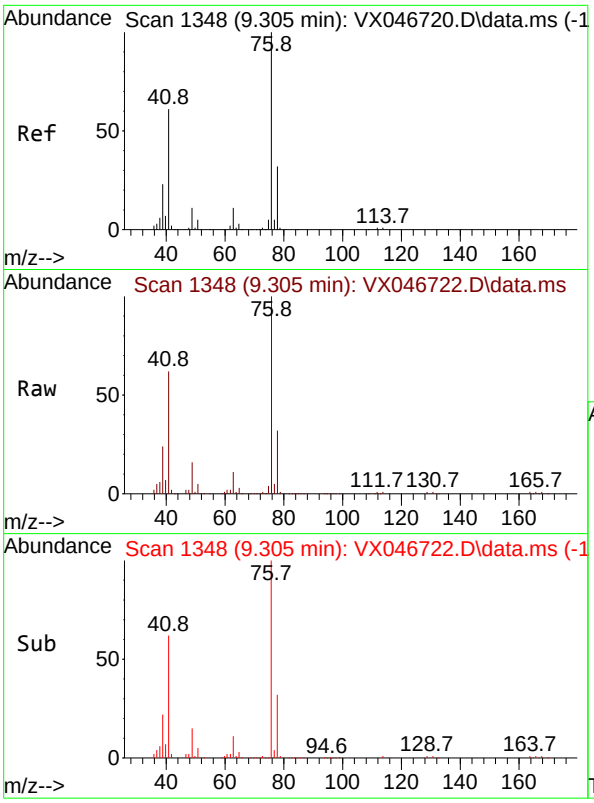


#56
Ethyl methacrylate
Concen: 167.940 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 69 Resp: 288720

Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.4	83.2
39	37.3	29.7	44.5





#57
1,3-Dichloropropane
Concen: 150.290 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 76 Resp: 30141

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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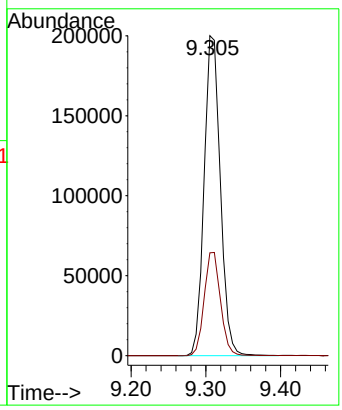
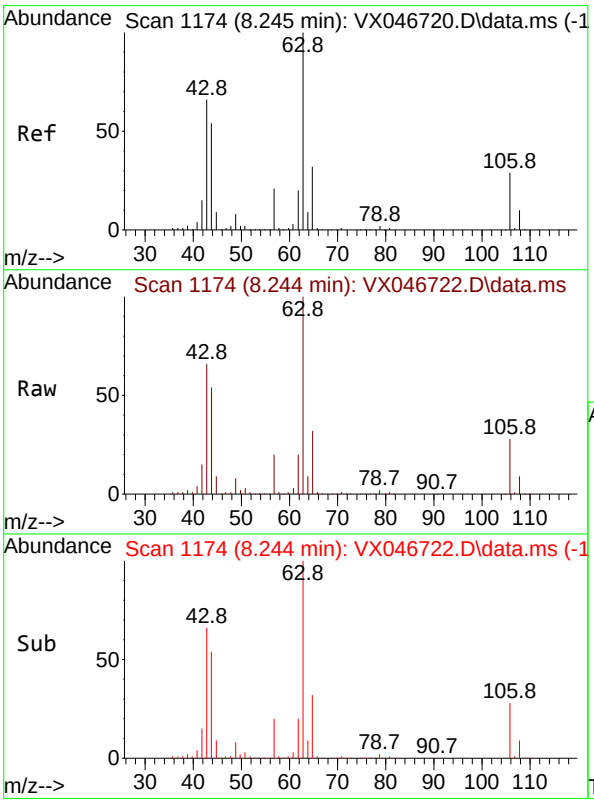
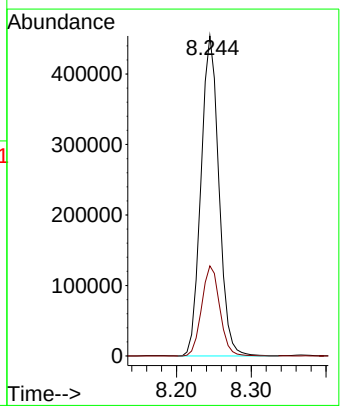


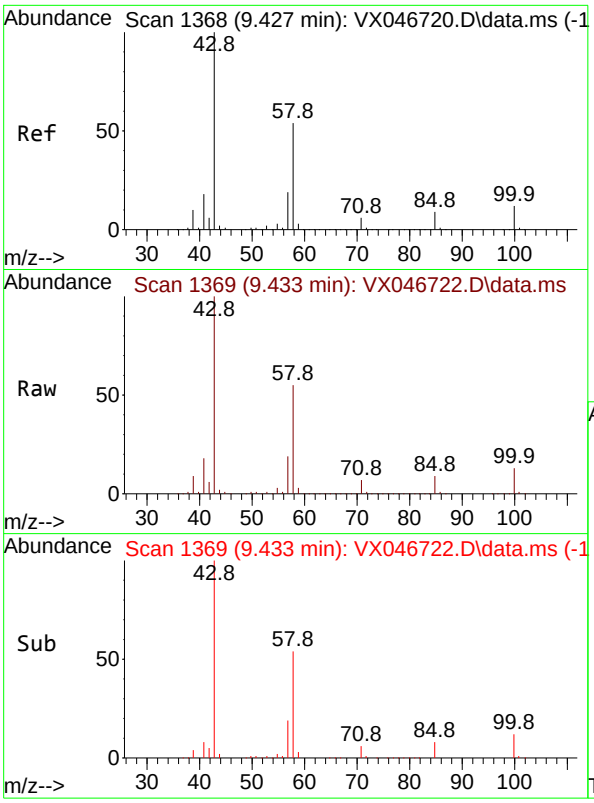


#58
2-Chloroethyl Vinyl ether
Concen: 845.118 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 63 Resp: 754730

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.6	34.0





#59
2-Hexanone
Concen: 805.005 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 43 Resp: 81665

Ion	Ratio	Lower	Upper
43	100		
58	54.1	26.8	80.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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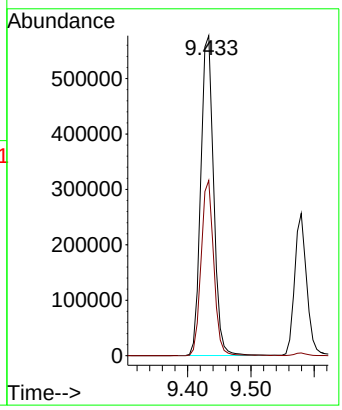
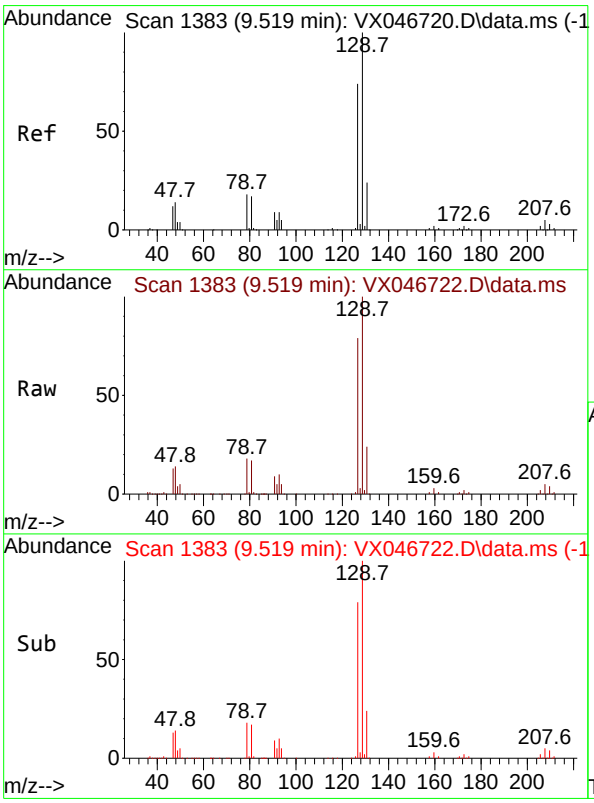
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

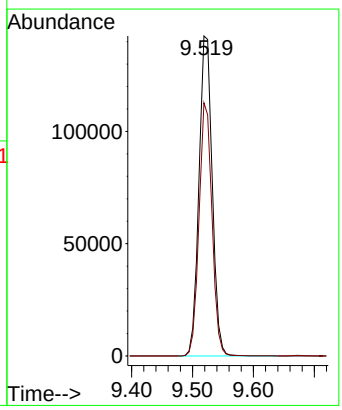


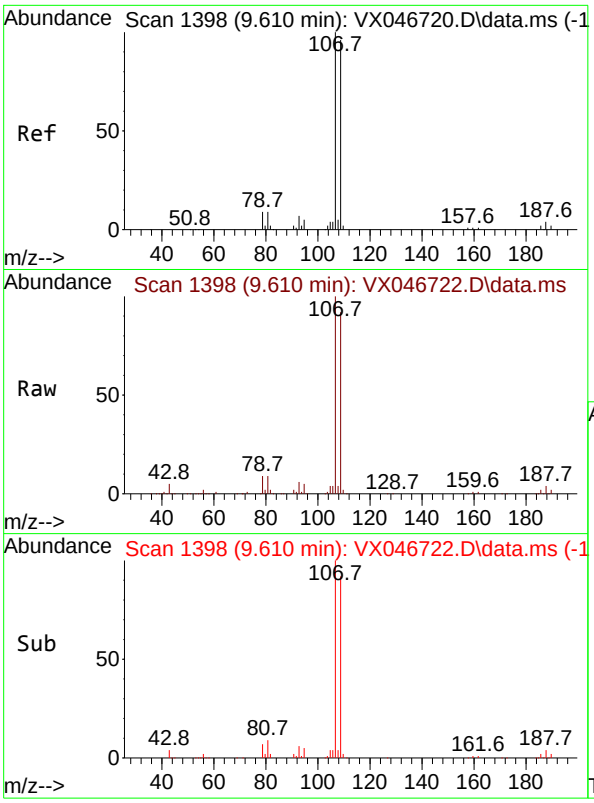


#60
Dibromochloromethane
Concen: 156.904 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:129 Resp: 215347

Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.4	115.2

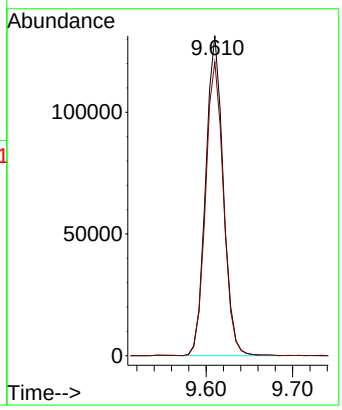




#61
1,2-Dibromoethane
Concen: 156.392 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:107 Resp: 18526

Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.8	113.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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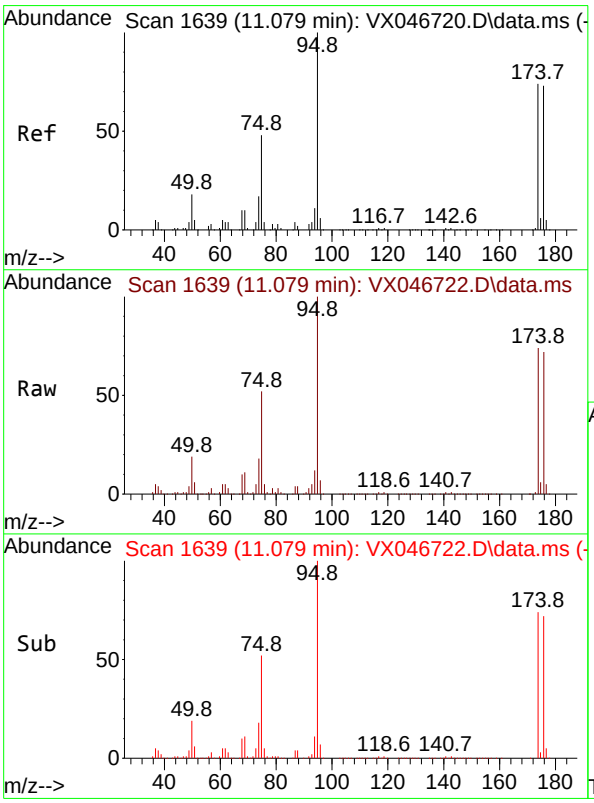
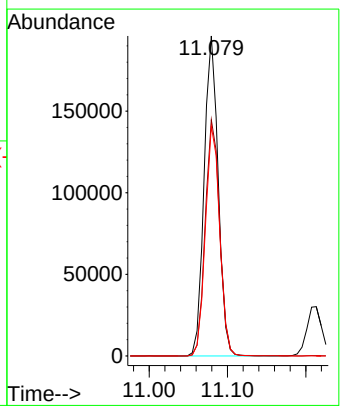
Supervised By :Mahesh Dadoda 06/18/2025

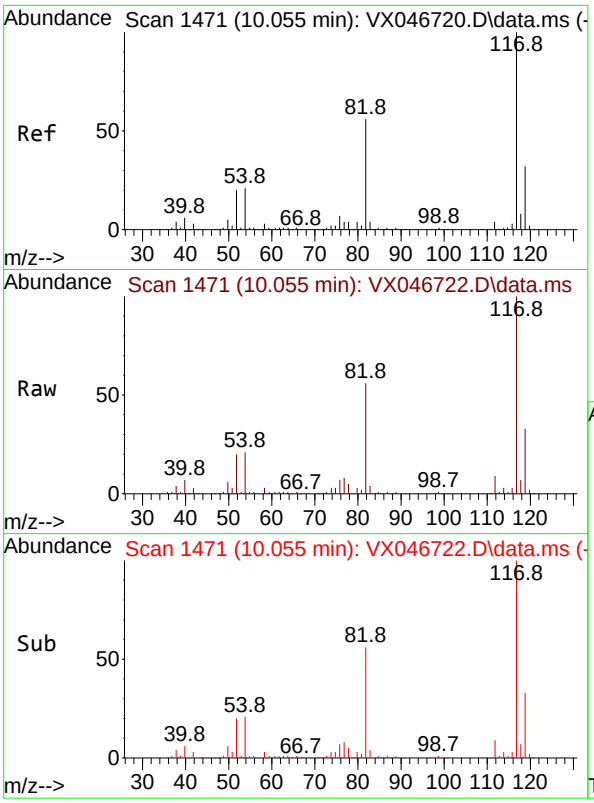


#62
4-Bromofluorobenzene
Concen: 154.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 95 Resp: 244007

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	150.4
176	72.7	0.0	145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:117 Resp: 15697

Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.6	66.8
119	33.1	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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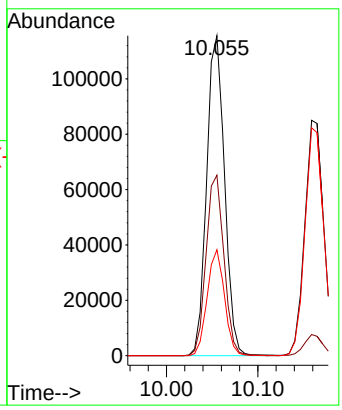
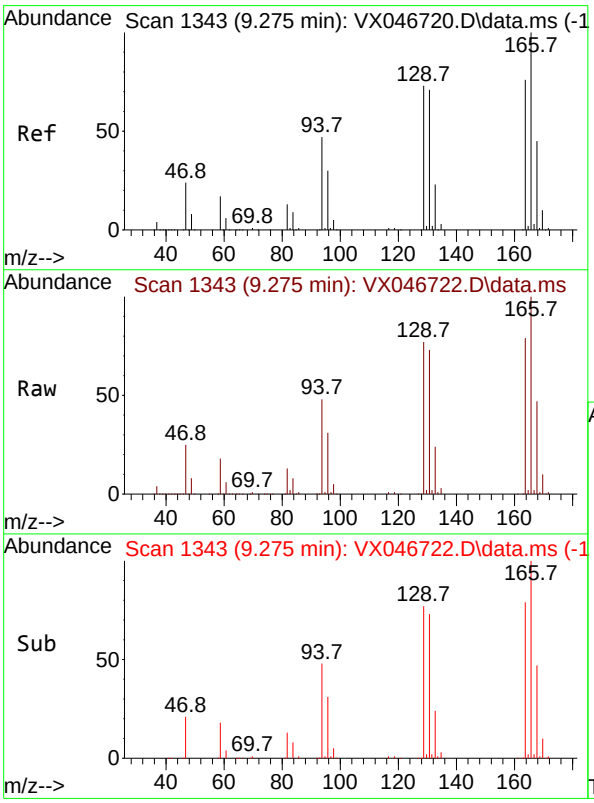
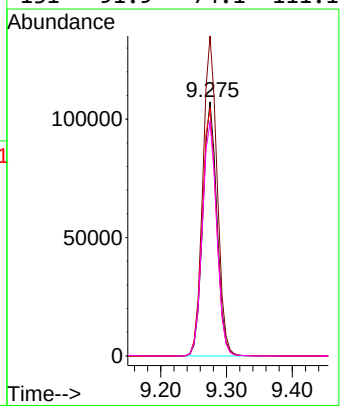


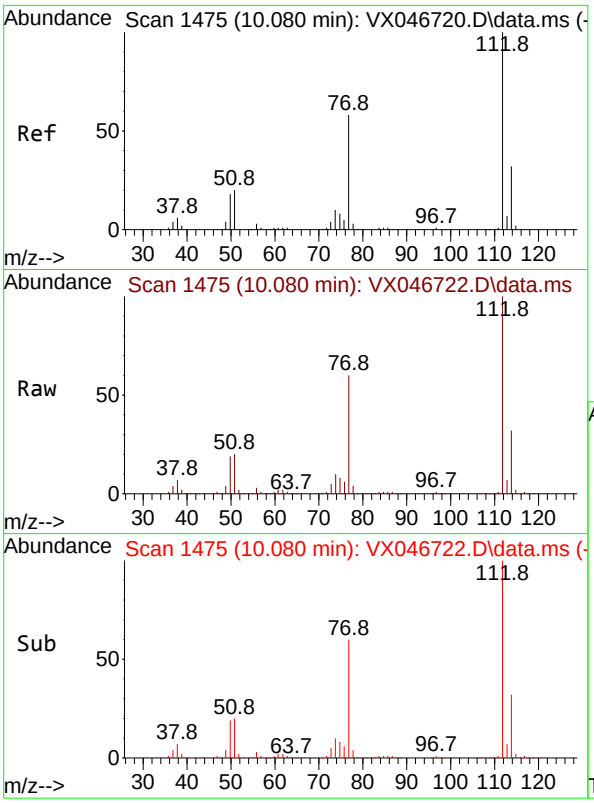


#64
Tetrachloroethene
Concen: 146.895 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:164 Resp: 159752

Ion	Ratio	Lower	Upper
164	100		
166	125.9	104.6	157.0
129	97.1	76.3	114.5
131	91.9	74.1	111.1





#65
Chlorobenzene
Concen: 149.453 ug/l
RT: 10.080 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:112 Resp: 51785

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.5	38.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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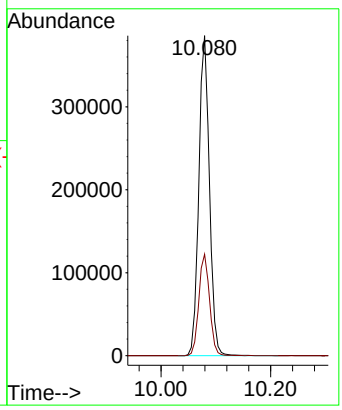
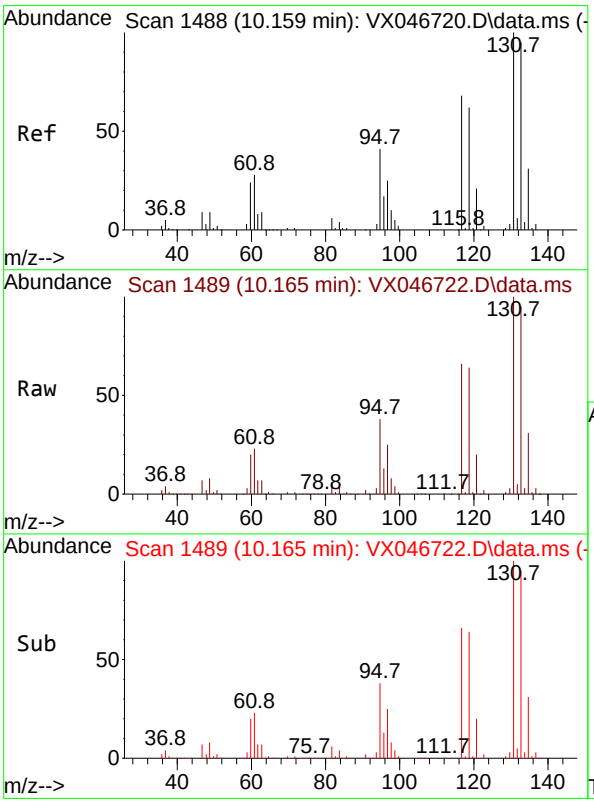
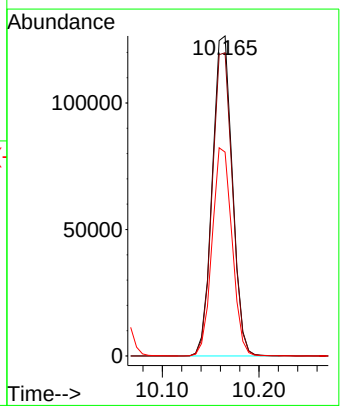


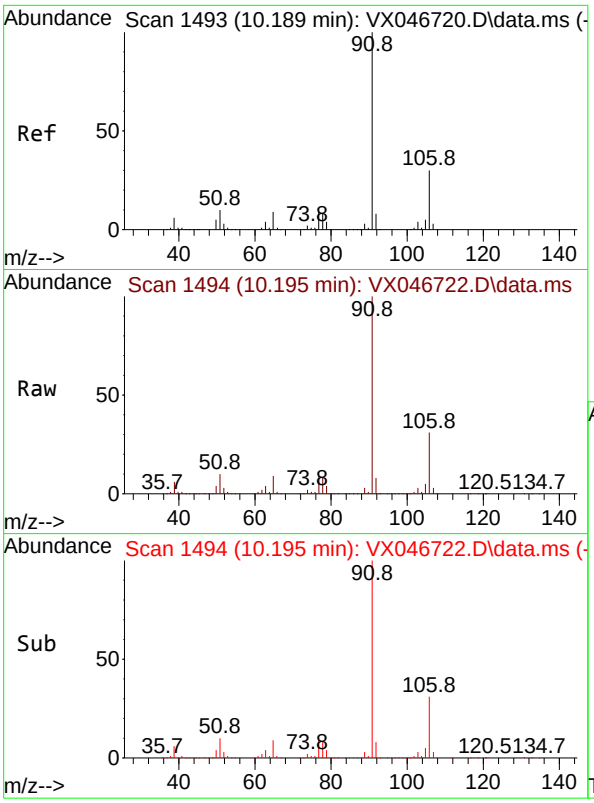


#66
1,1,1,2-Tetrachloroethane
Concen: 156.268 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:131 Resp: 181981

Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.3	141.8
119	64.7	32.1	96.3

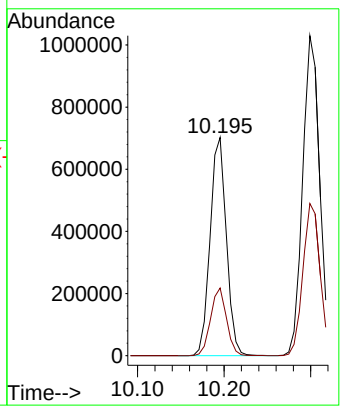




#67
Ethyl Benzene
Concen: 151.251 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 91 Resp: 91572

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.2	36.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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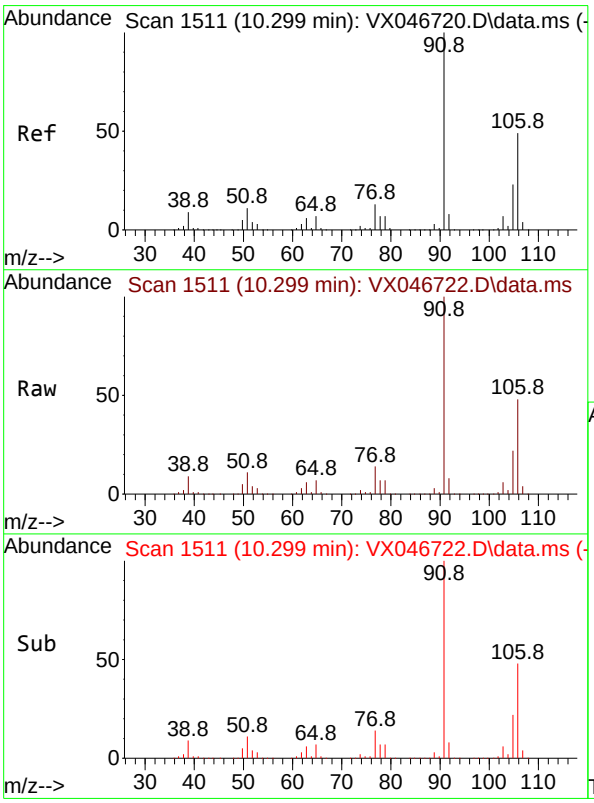
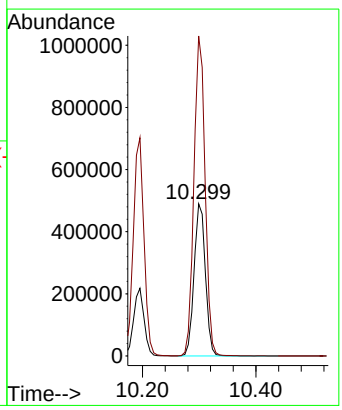
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

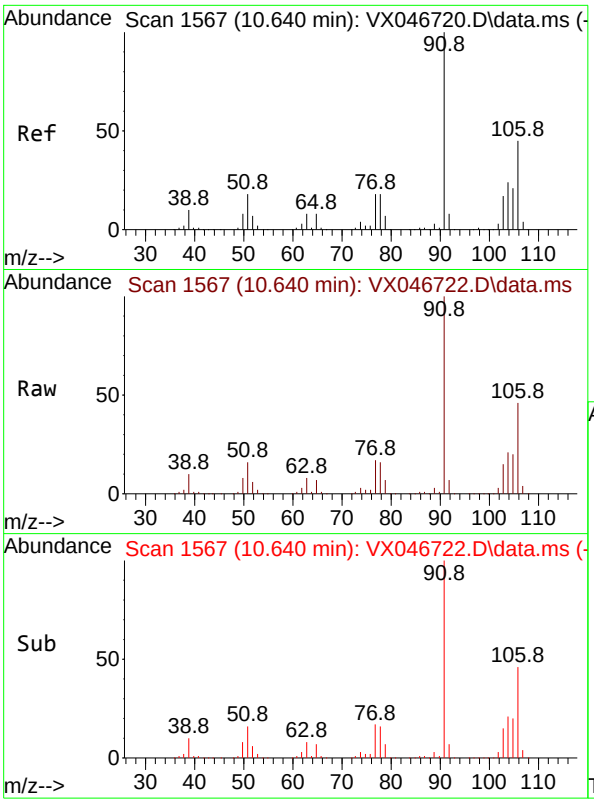


#68
m/p-Xylenes
Concen: 299.697 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:106 Resp: 676085

Ion	Ratio	Lower	Upper
106	100		
91	208.3	164.8	247.2





#69
o-Xylene
Concen: 155.514 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:106 Resp: 32878

Ion	Ratio	Lower	Upper
106	100		
91	220.1	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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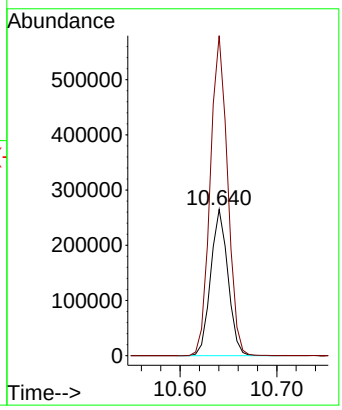
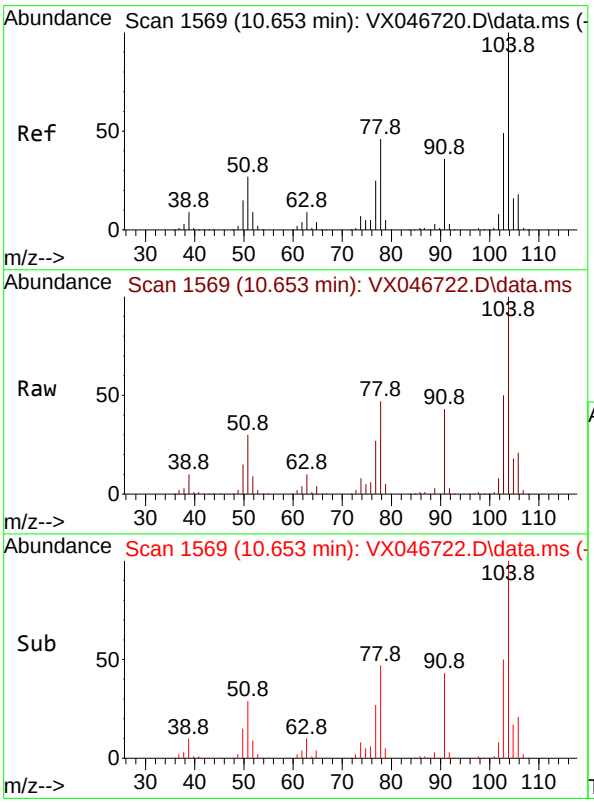
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

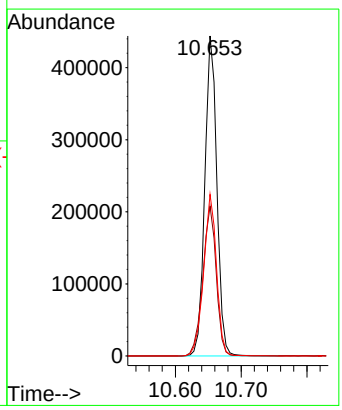


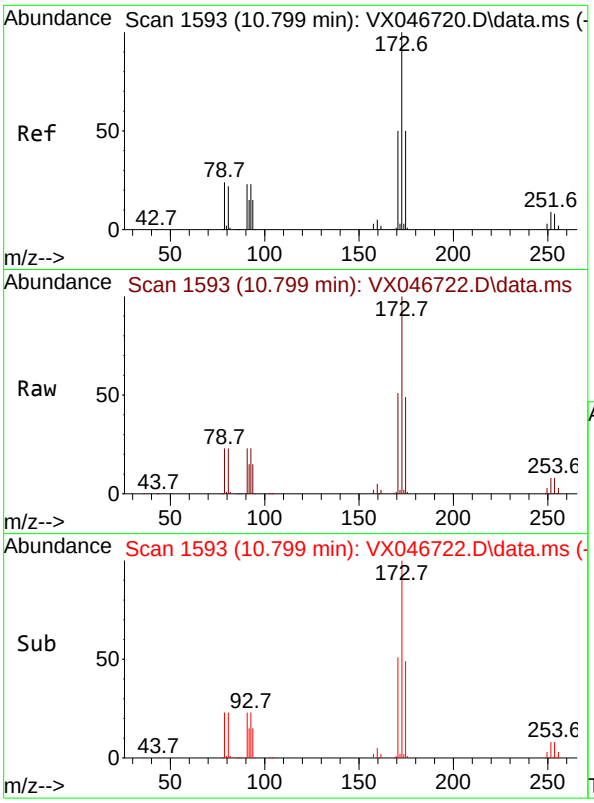


#70
Styrene
Concen: 153.143 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:104 Resp: 566606

Ion	Ratio	Lower	Upper
104	100		
78	52.2	41.4	62.2
103	54.1	43.1	64.7

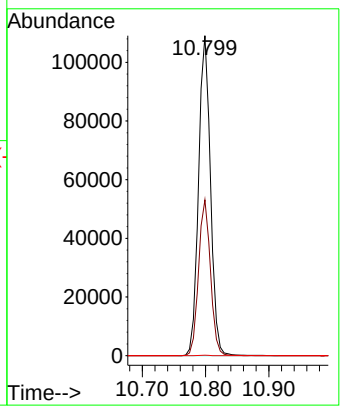




#71
Bromoform
Concen: 161.498 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:173 Resp: 14322

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.4
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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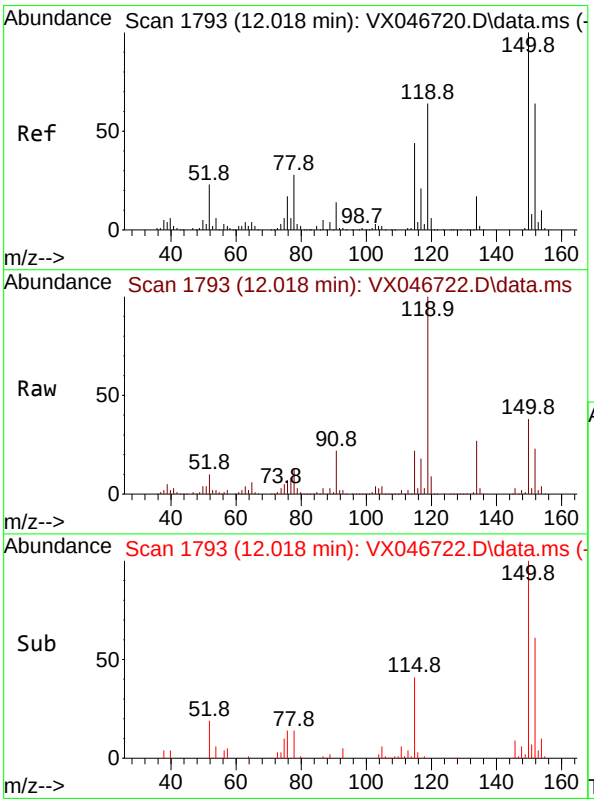
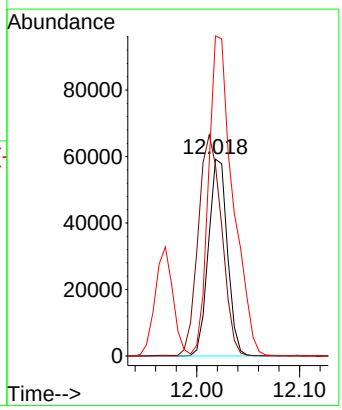
Supervised By :Mahesh Dadoda 06/18/2025

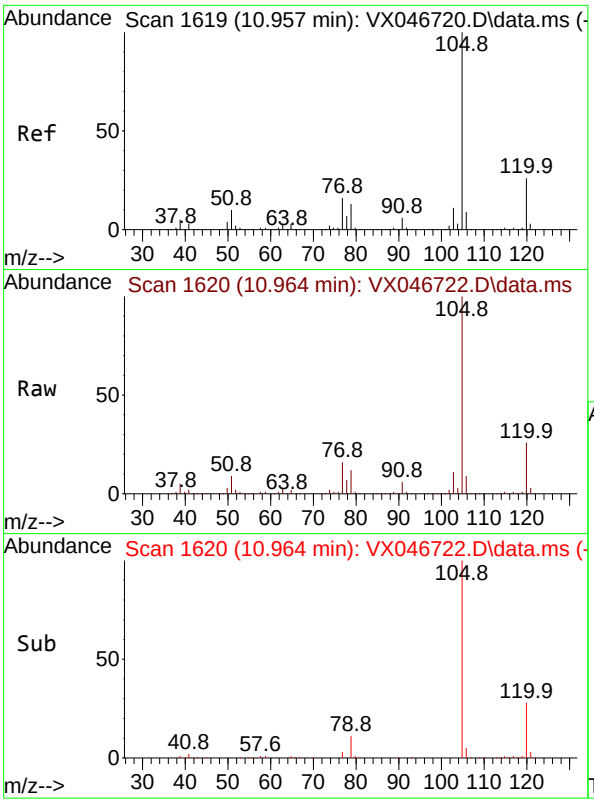


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:152 Resp: 75829

Ion	Ratio	Lower	Upper
152	100		
115	139.0	43.2	129.6#
150	208.8	0.0	346.8





#73
Isopropylbenzene
Concen: 155.374 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:105 Resp: 86772

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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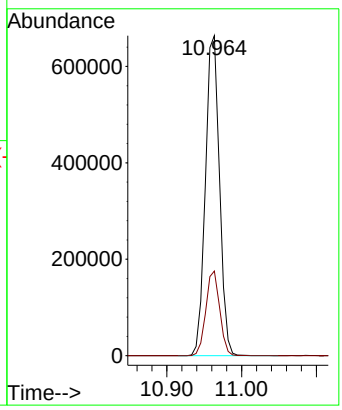
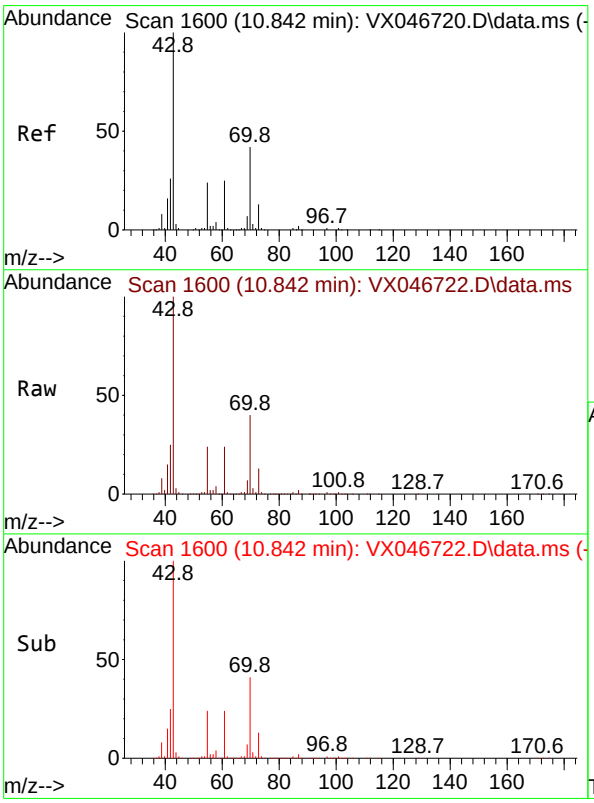
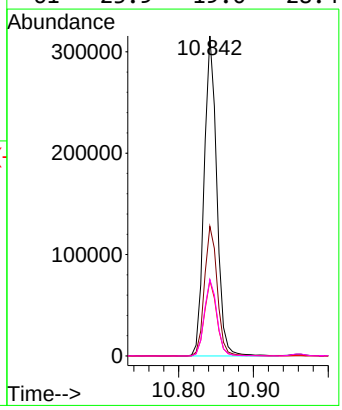


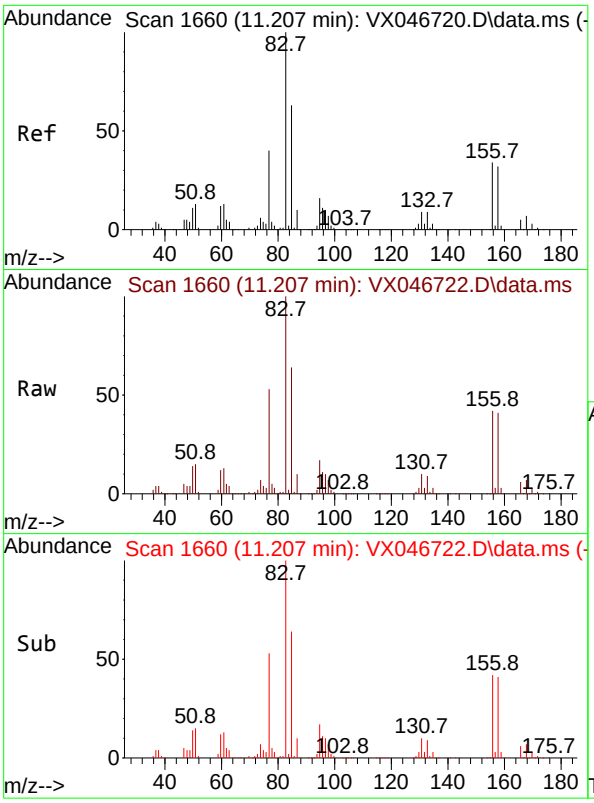


#74
N-amyl acetate
Concen: 174.748 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 43 Resp: 369757

Ion	Ratio	Lower	Upper
43	100		
70	41.3	33.4	50.0
55	23.3	19.1	28.7
61	23.9	19.0	28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 156.730 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 83 Resp: 24440

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.6
85	64.4	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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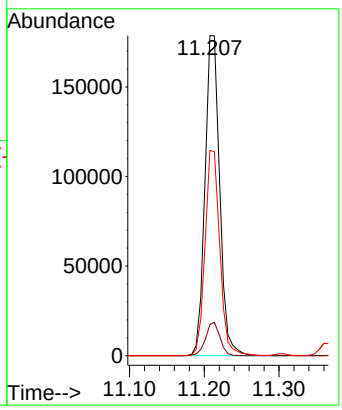
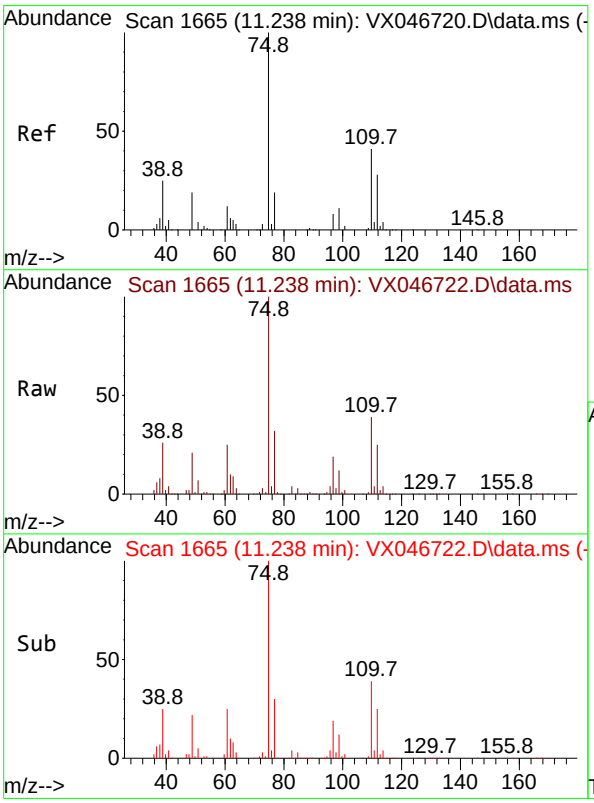
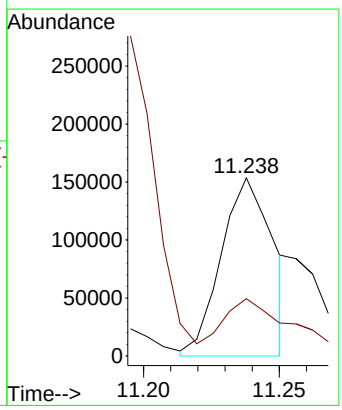


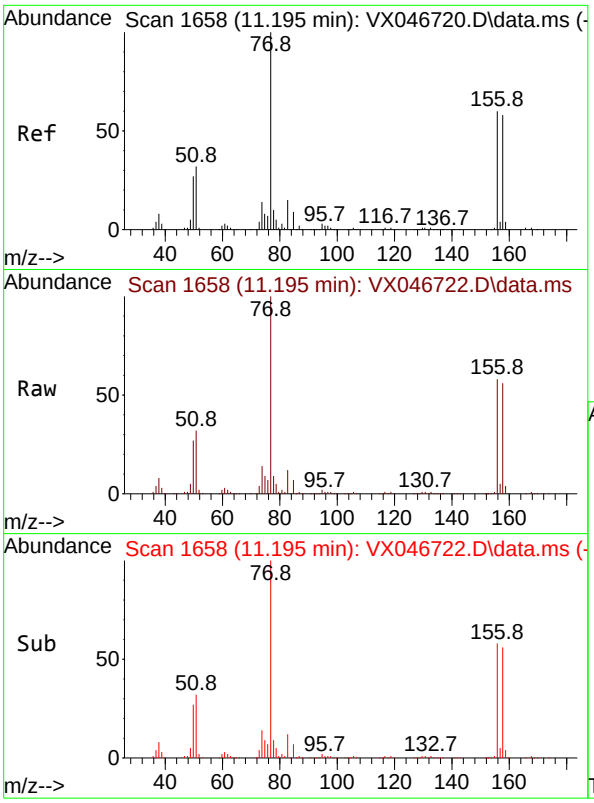


#76
1,2,3-Trichloropropane
Concen: 131.753 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 75 Resp: 202926

Ion	Ratio	Lower	Upper
75	100		
77	43.5	18.5	55.5





#77
Bromobenzene
Concen: 154.285 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:156 Resp: 20734

Ion	Ratio	Lower	Upper
156	100		
77	167.9	82.8	248.6
158	96.7	47.6	142.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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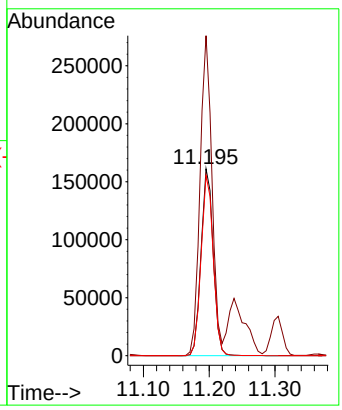
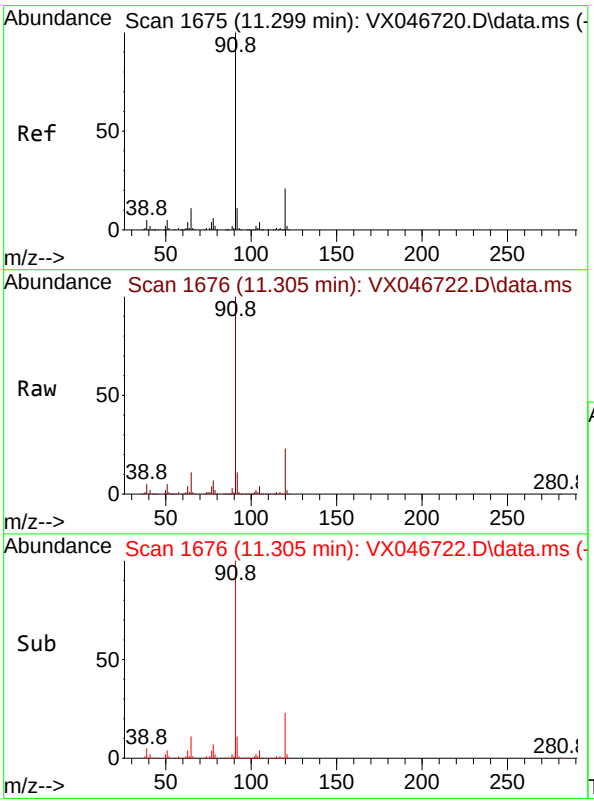
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

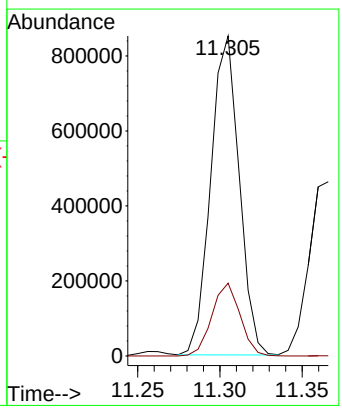


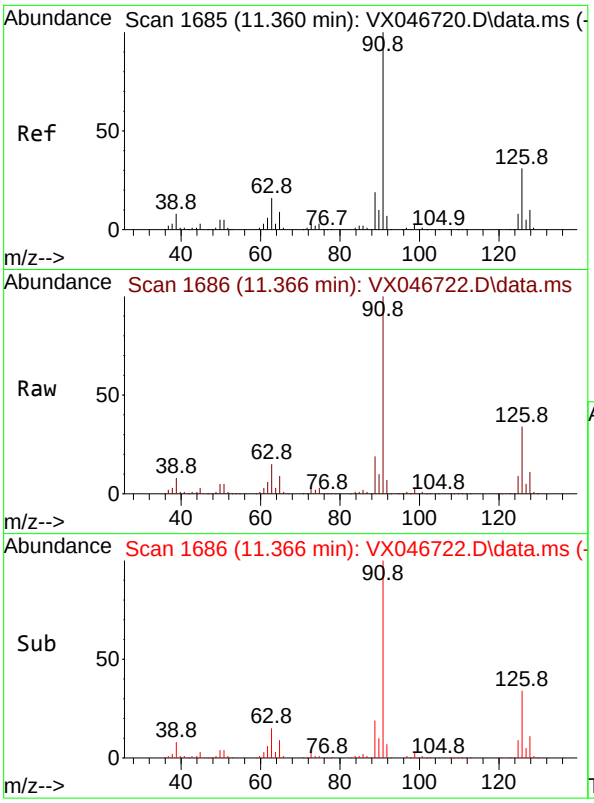


#78
n-propylbenzene
Concen: 154.633 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 91 Resp: 1025742

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1





#79
2-Chlorotoluene
Concen: 150.373 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 91 Resp: 59555

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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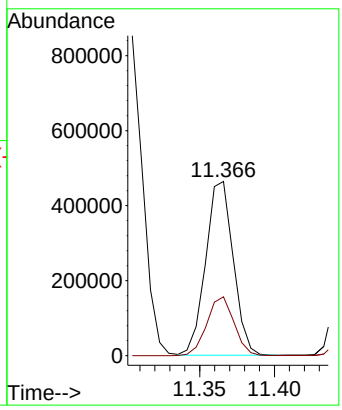
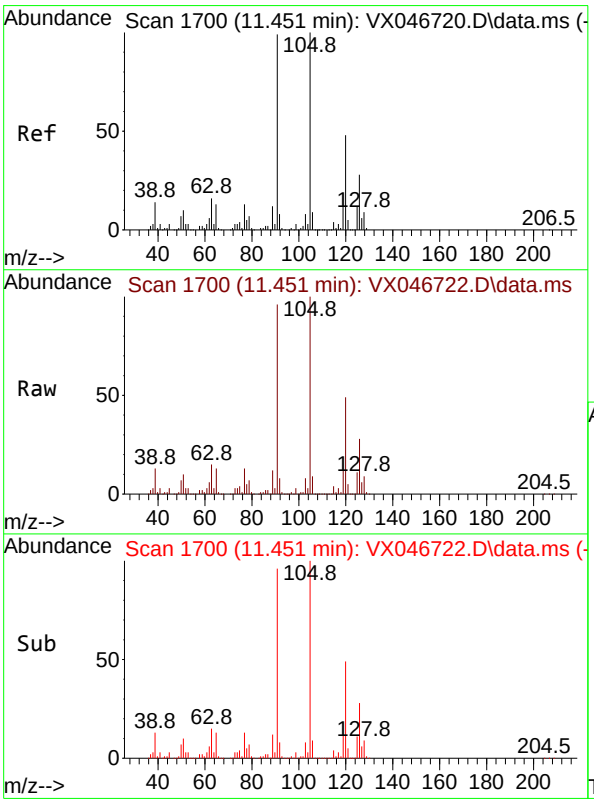
Supervised By :Mahesh Dadoda 06/18/2025

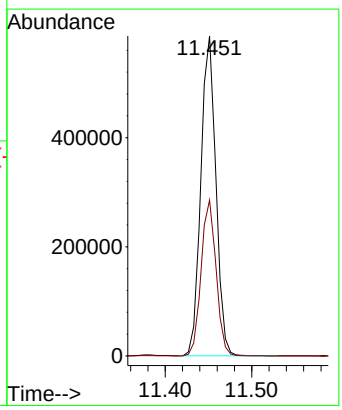


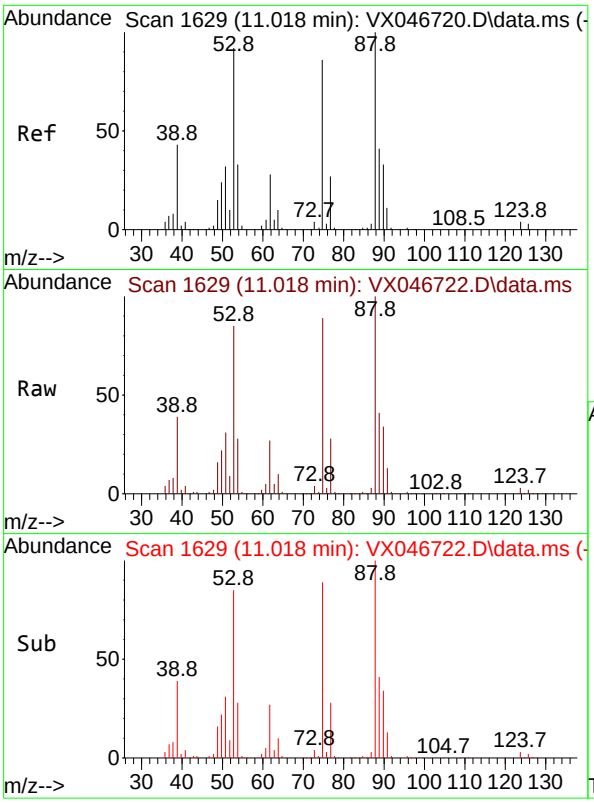


#80
1,3,5-Trimethylbenzene
Concen: 154.053 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:105 Resp: 707005

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 176.408 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 75 Resp: 8667

Ion	Ratio	Lower	Upper
75	100		
53	98.9	86.8	130.2
89	45.8	36.9	55.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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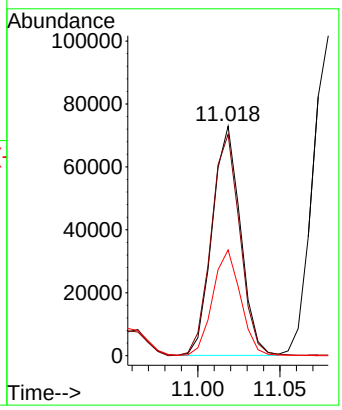
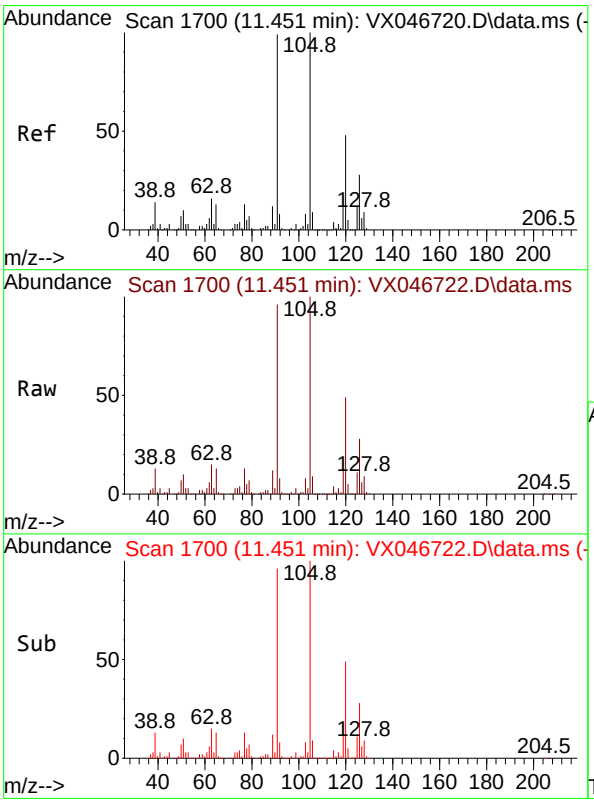
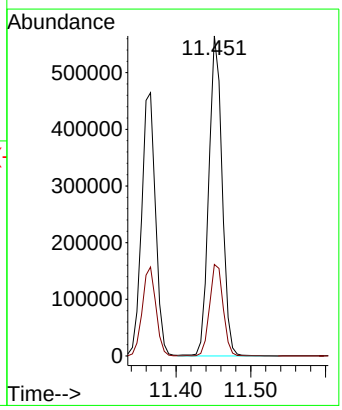


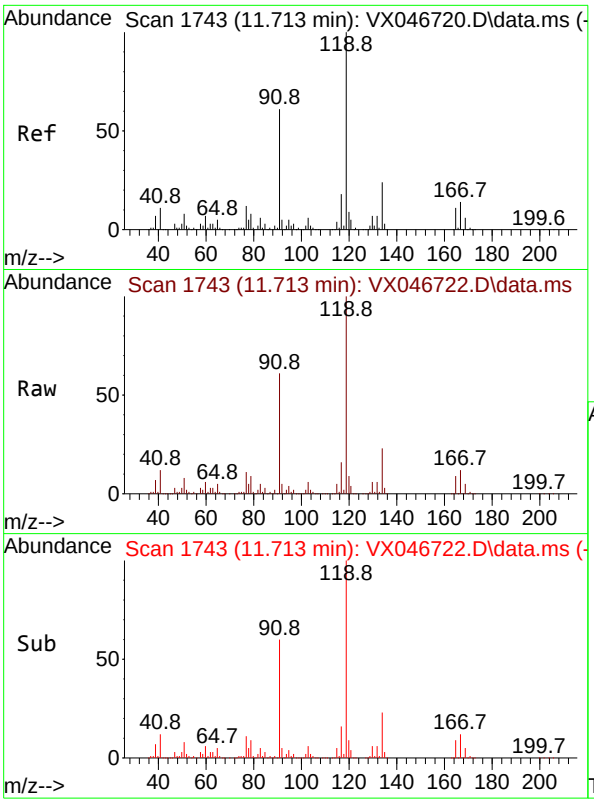


#82
4-Chlorotoluene
Concen: 150.915 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 91 Resp: 697556

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.4	43.2

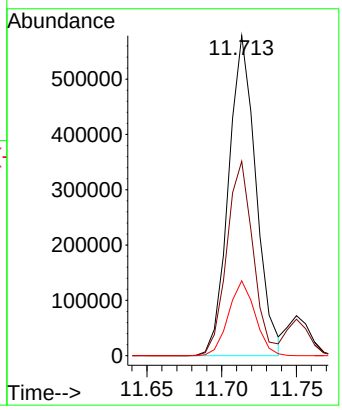




#83
tert-Butylbenzene
Concen: 155.093 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:119 Resp: 73575

Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.5	88.6
134	22.8	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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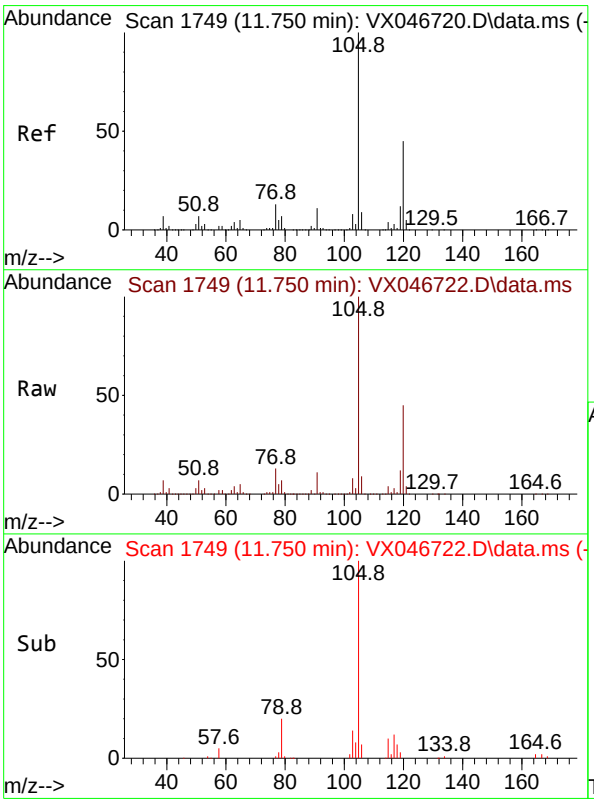
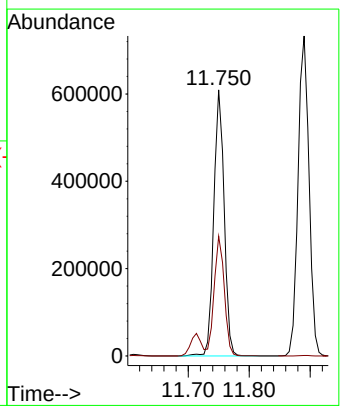
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

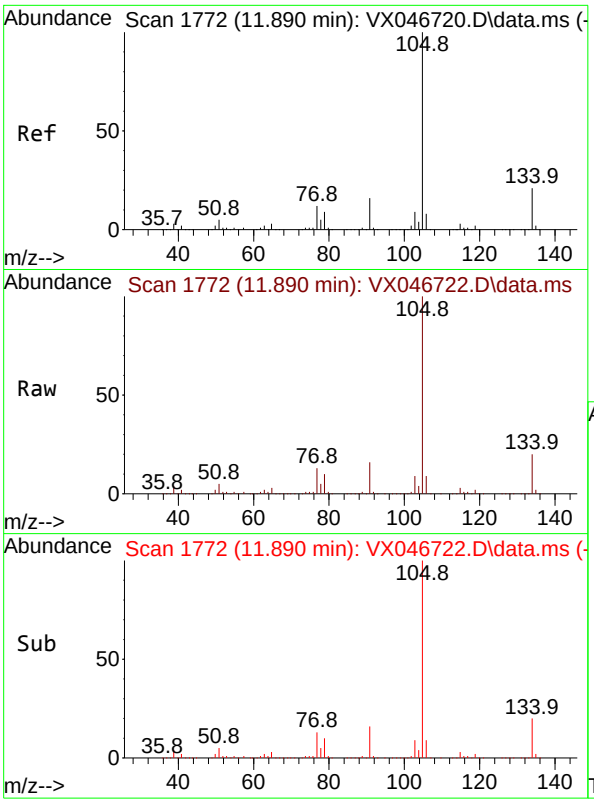


#84
1,2,4-Trimethylbenzene
Concen: 155.994 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:105 Resp: 719283

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.3

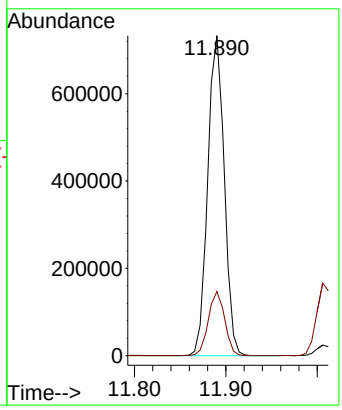




#85
sec-Butylbenzene
Concen: 152.910 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:105 Resp: 91676

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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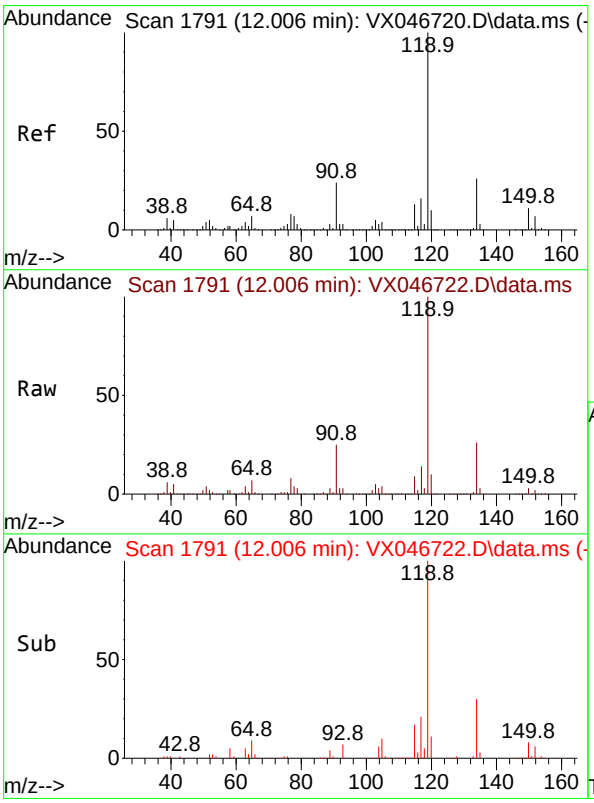
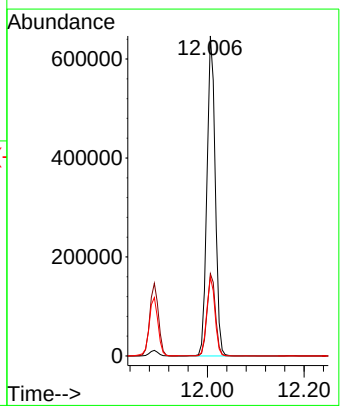
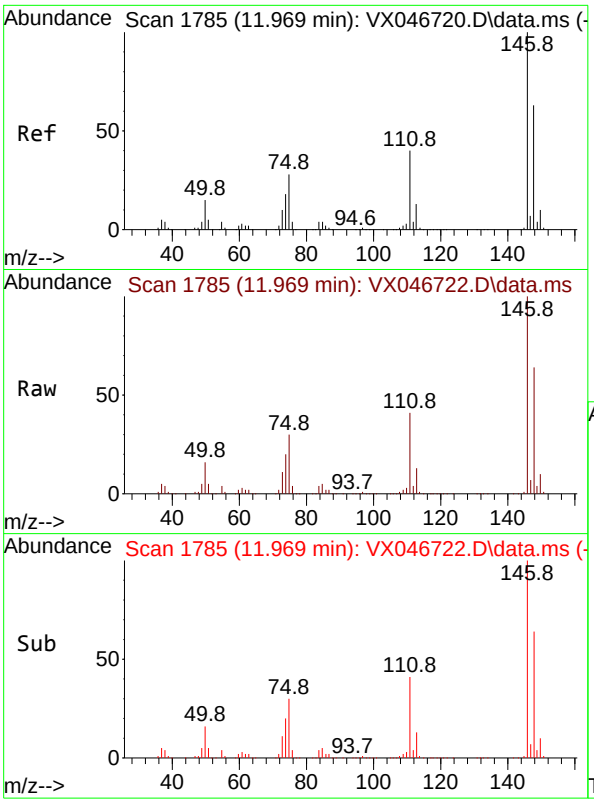


#86
p-Isopropyltoluene
Concen: 152.610 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:119 Resp: 771998

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	24.4	12.3	36.9

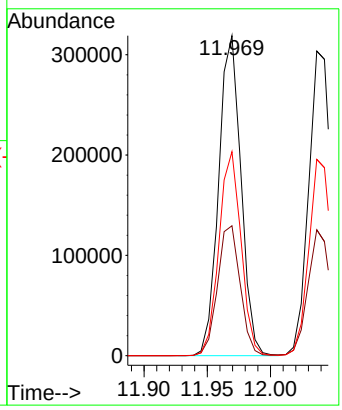




#87
1,3-Dichlorobenzene
Concen: 149.232 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:146 Resp: 39104

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	63.2	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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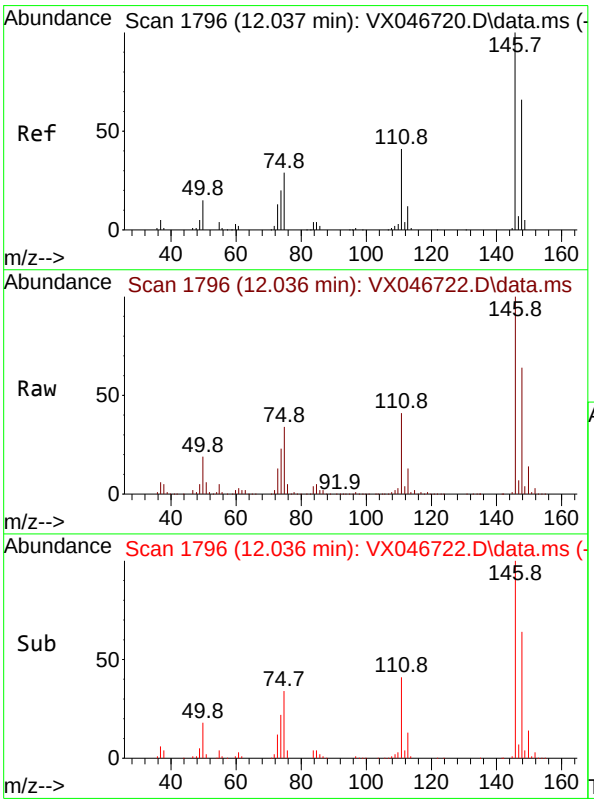
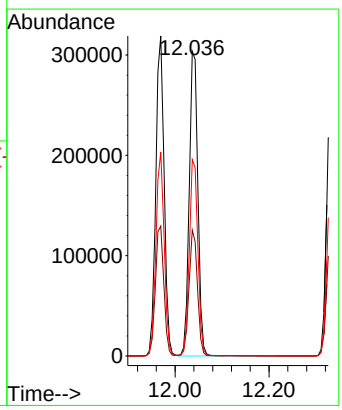
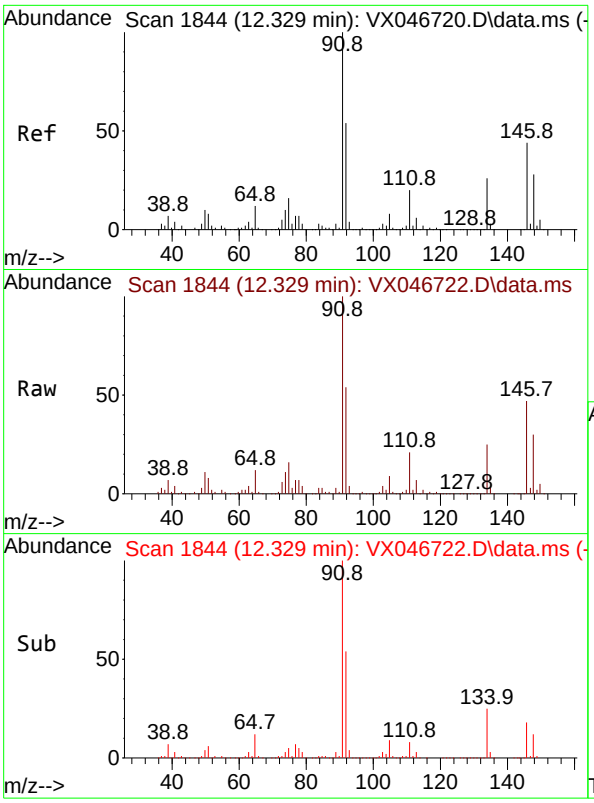


#88
1,4-Dichlorobenzene
Concen: 143.836 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:146 Resp: 387139

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	61.0
148	63.5	32.1	96.5

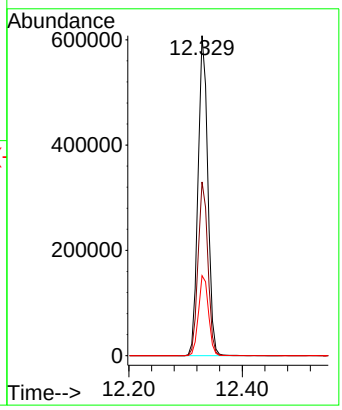




#89
n-Butylbenzene
Concen: 151.271 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 91 Resp: 72656

Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.1	81.3
134	25.6	12.9	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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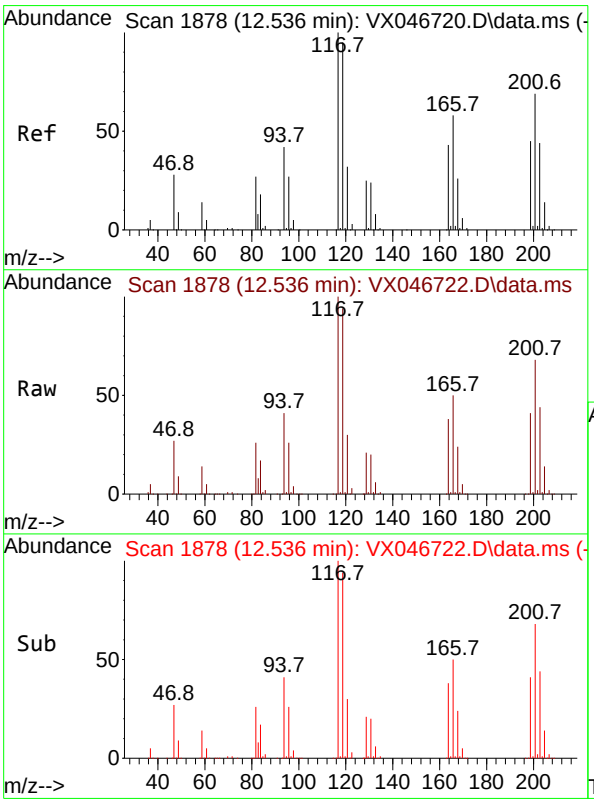
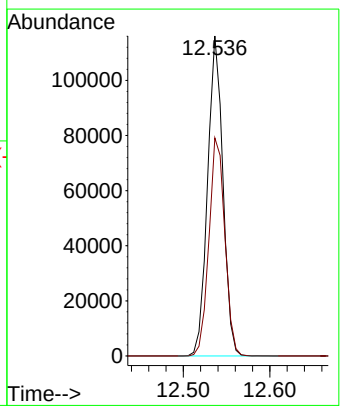
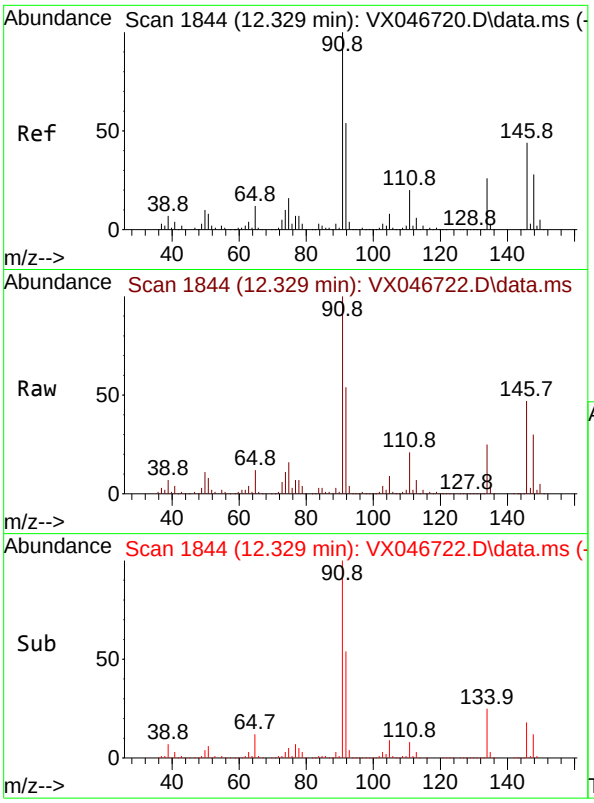


#90
Hexachloroethane
Concen: 161.049 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:117 Resp: 142663

Ion	Ratio	Lower	Upper
117	100		
201	70.7	34.4	103.3

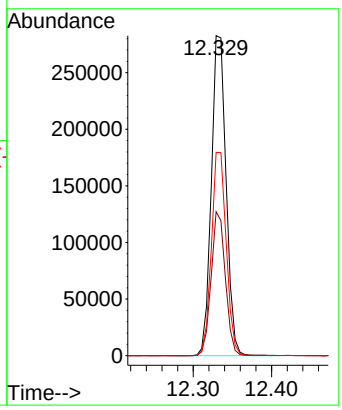




#91
1,2-Dichlorobenzene
Concen: 151.192 ug/l
RT: 12.329 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:146 Resp: 370234

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.7	65.1
148	63.8	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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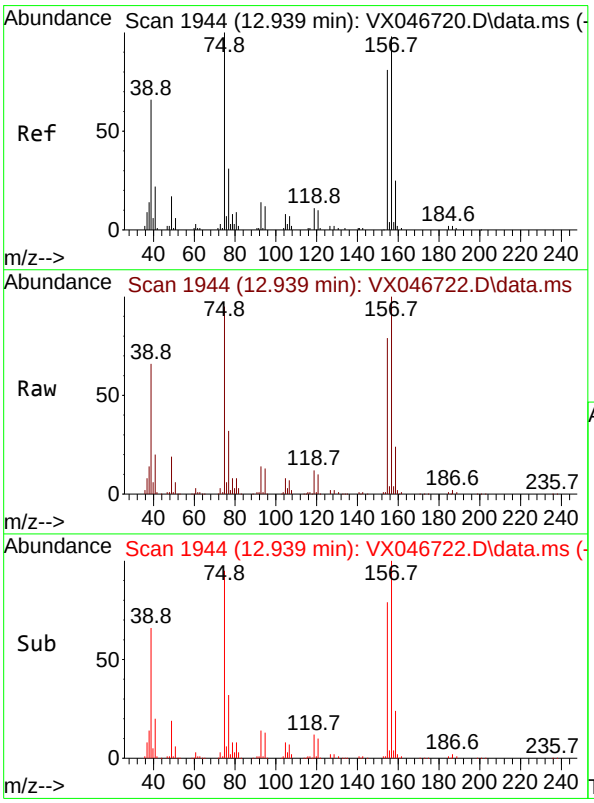
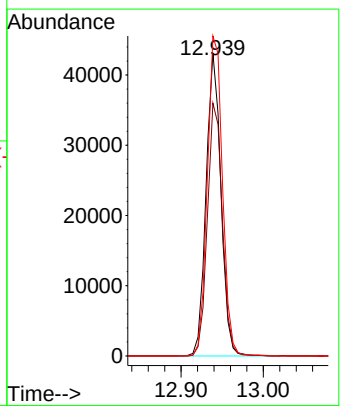
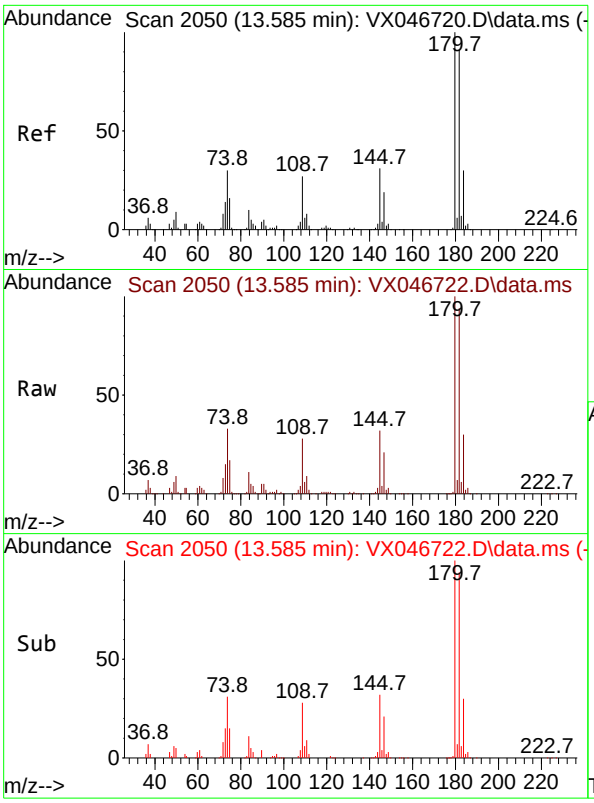


#92
1,2-Dibromo-3-Chloropropane
Concen: 175.448 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 75 Resp: 54014

Ion	Ratio	Lower	Upper
75	100		
155	84.2	41.9	125.7
157	108.5	51.4	154.3





#93
1,2,4-Trichlorobenzene
Concen: 151.531 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:180 Resp: 26380

Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.7	140.1
145	32.2	15.8	47.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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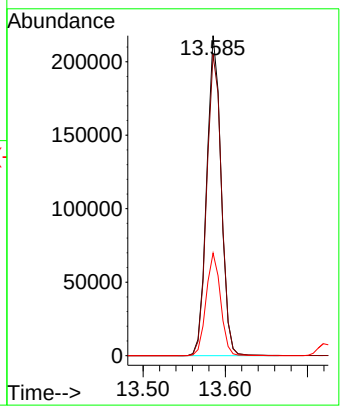
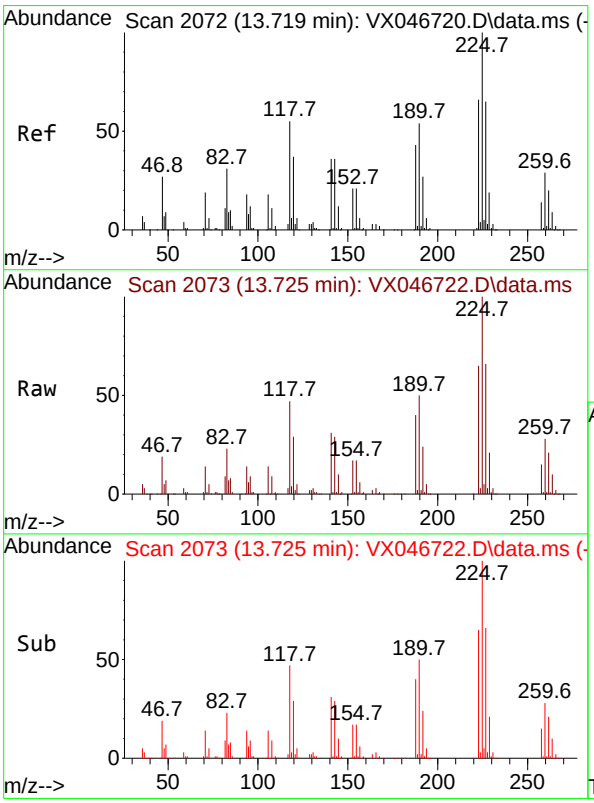
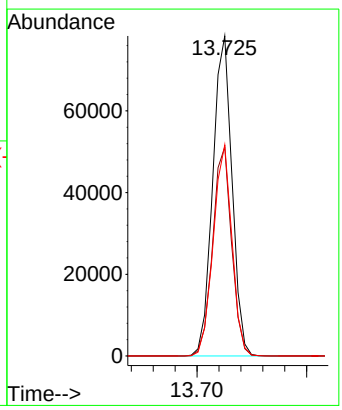


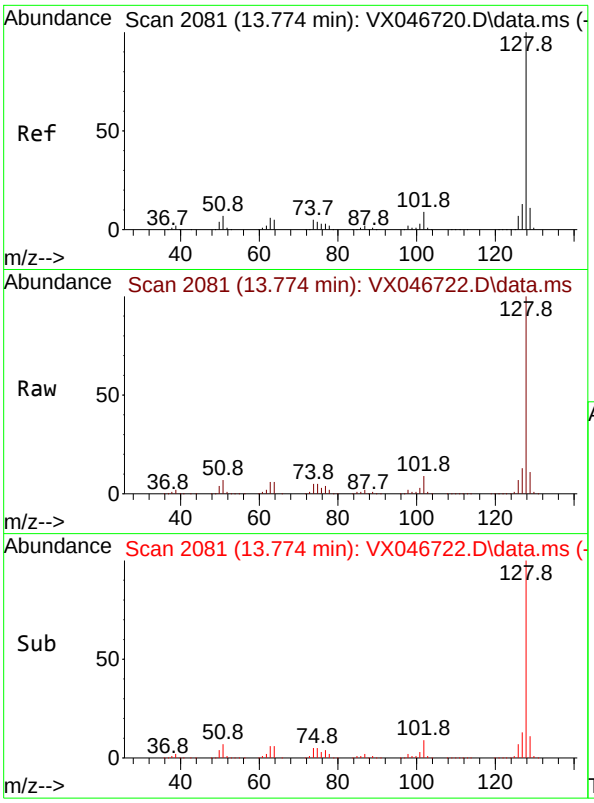


#94
Hexachlorobutadiene
Concen: 130.431 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:225 Resp: 95520

Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.5	97.5
227	64.2	32.2	96.6

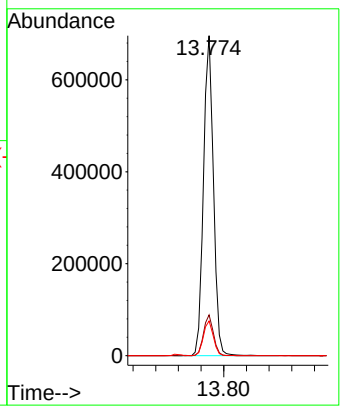




#95
Naphthalene
Concen: 170.609 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:128 Resp: 84620

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.9	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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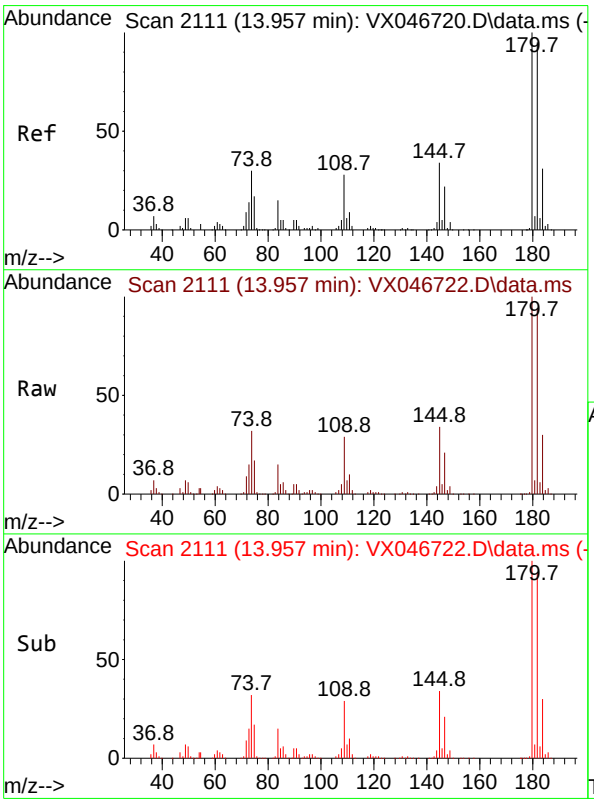
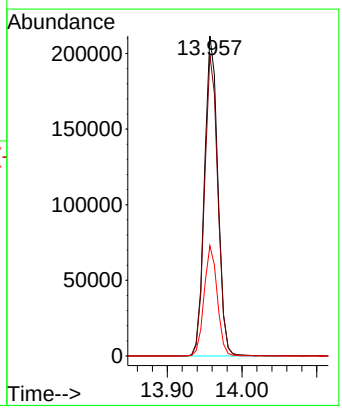
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 157.517 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:180 Resp: 262348

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.8	143.4
145	33.8	17.3	51.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	136219	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	226094	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	205370	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103593	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	1159	0.797	ug/l		83
3) Chloromethane	1.307	50	1322	0.842	ug/l		93
4) Vinyl Chloride	1.386	62	1419	0.848	ug/l		89
6) Chloroethane	1.703	64	905	0.892	ug/l		90
7) Trichlorofluoromethane	1.904	101	2062	0.811	ug/l		97
8) Diethyl Ether	2.148	74	722	0.828	ug/l		87
9) 1,1,2-Trichlorotrifluo...	2.343	101	1280	0.821	ug/l		99
12) 1,1-Dichloroethene	2.337	96	1228	0.816	ug/l	#	76
14) Allyl chloride	2.672	41	2386	0.875	ug/l		96
15) Acrylonitrile	3.081	53	3075	4.044	ug/l		96
16) Acetone	2.386	43	3424	5.449	ug/l	#	80
17) Carbon Disulfide	2.526	76	5092	1.121	ug/l		96
18) Methyl Acetate	2.721	43	1280	0.802	ug/l	#	87
19) Methyl tert-butyl Ether	3.129	73	3888	0.830	ug/l	#	89
20) Methylene Chloride	2.800	84	1736	0.994	ug/l		91
21) trans-1,2-Dichloroethene	3.111	96	1441	0.895	ug/l	#	81
22) Diisopropyl ether	3.770	45	4170	0.796	ug/l	#	71
23) Vinyl Acetate	3.745	43	15507	3.722	ug/l		95
24) 1,1-Dichloroethane	3.617	63	2648	0.890	ug/l	#	79
25) 2-Butanone	4.593	43	3422	3.851	ug/l		93
26) 2,2-Dichloropropane	4.489	77	1874m	0.864	ug/l		
27) cis-1,2-Dichloroethene	4.507	96	1698	0.898	ug/l		97
28) Bromochloromethane	4.922	49	1307	0.969	ug/l	#	91
29) Tetrahydrofuran	5.032	42	2212	3.854	ug/l	#	54
30) Chloroform	5.105	83	2336m	0.785	ug/l		
32) 1,1,1-Trichloroethane	5.391	97	2212	0.848	ug/l	#	50
36) 1,1-Dichloropropene	5.708	75	2016	0.934	ug/l		90
37) Ethyl Acetate	4.739	43	2002m	1.004	ug/l		
38) Carbon Tetrachloride	5.684	117	2124	0.906	ug/l		92
39) Methylcyclohexane	7.379	83	2485	0.875	ug/l		87
40) Benzene	6.044	78	5507	0.862	ug/l		97
41) Methacrylonitrile	4.965	41	857m	0.806	ug/l		
42) 1,2-Dichloroethane	6.098	62	1938	0.863	ug/l	#	75
43) Isopropyl Acetate	6.367	43	2218	0.711	ug/l	#	83
44) Trichloroethene	7.135	130	1448	0.889	ug/l		87
45) 1,2-Dichloropropane	7.434	63	1380	0.871	ug/l	#	89

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	1030	0.905	ug/l		89
47) Bromodichloromethane	7.824	83	1825	0.786	ug/l	#	82
48) Methyl methacrylate	7.720	41	1050	0.671	ug/l	#	80
49) 1,4-Dioxane	7.671	88	56	28.694	ug/l	#	77
51) 4-Methyl-2-Pentanone	8.580	43	7273	3.910	ug/l		97
52) Toluene	8.726	92	3393	0.856	ug/l		96
53) t-1,3-Dichloropropene	8.994	75	1607	0.746	ug/l	#	87
54) cis-1,3-Dichloropropene	8.372	75	1971	0.806	ug/l	#	57
55) 1,1,2-Trichloroethane	9.153	97	1297	0.878	ug/l	#	83
56) Ethyl methacrylate	9.122	69	1477	0.678	ug/l		93
57) 1,3-Dichloropropane	9.311	76	2249	0.885	ug/l		95
58) 2-Chloroethyl Vinyl ether	8.251	63	3778	3.337	ug/l		92
59) 2-Hexanone	9.439	43	4833	3.758	ug/l		94
60) Dibromochloromethane	9.525	129	1436	0.825	ug/l		99
61) 1,2-Dibromoethane	9.610	107	1209	0.805	ug/l		90
64) Tetrachloroethene	9.275	164	1399	0.983	ug/l		95
65) Chlorobenzene	10.073	112	4127	0.910	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	1242	0.815	ug/l	#	64
67) Ethyl Benzene	10.195	91	6967	0.880	ug/l		98
68) m/p-Xylenes	10.305	106	5214	1.767	ug/l		98
69) o-Xylene	10.646	106	2045	0.739	ug/l		80
70) Styrene	10.659	104	4077	0.842	ug/l		98
71) Bromoform	10.799	173	927	0.799	ug/l	#	96
73) Isopropylbenzene	10.963	105	6314	0.828	ug/l		97
74) N-amyl acetate	10.848	43	1921	0.665	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	1690	0.793	ug/l		93
76) 1,2,3-Trichloropropane	11.238	75	1346m	0.640	ug/l		
77) Bromobenzene	11.201	156	1541	0.839	ug/l		95
78) n-propylbenzene	11.305	91	7545	0.833	ug/l		98
79) 2-Chlorotoluene	11.366	91	4896	0.905	ug/l		93
80) 1,3,5-Trimethylbenzene	11.451	105	5174	0.825	ug/l		94
82) 4-Chlorotoluene	11.457	91	5664	0.897	ug/l		99
83) tert-Butylbenzene	11.713	119	5507	0.850	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	5087	0.808	ug/l		99
85) sec-Butylbenzene	11.890	105	6839	0.835	ug/l		98
86) p-Isopropyltoluene	12.006	119	6018	0.871	ug/l		92
87) 1,3-Dichlorobenzene	11.969	146	3509	0.980	ug/l		96
88) 1,4-Dichlorobenzene	12.036	146	4003m	1.089	ug/l		
89) n-Butylbenzene	12.335	91	6186	0.943	ug/l		96
90) Hexachloroethane	12.536	117	1081	0.893	ug/l		90
91) 1,2-Dichlorobenzene	12.335	146	3024	0.904	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.951	75	277	0.659	ug/l		95
93) 1,2,4-Trichlorobenzene	13.591	180	2424	1.019	ug/l		99
94) Hexachlorobutadiene	13.725	225	1025	1.025	ug/l		97
95) Naphthalene	13.780	128	5461	0.806	ug/l		96
96) 1,2,3-Trichlorobenzene	13.963	180	1982	0.871	ug/l		96

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

ICAL Form

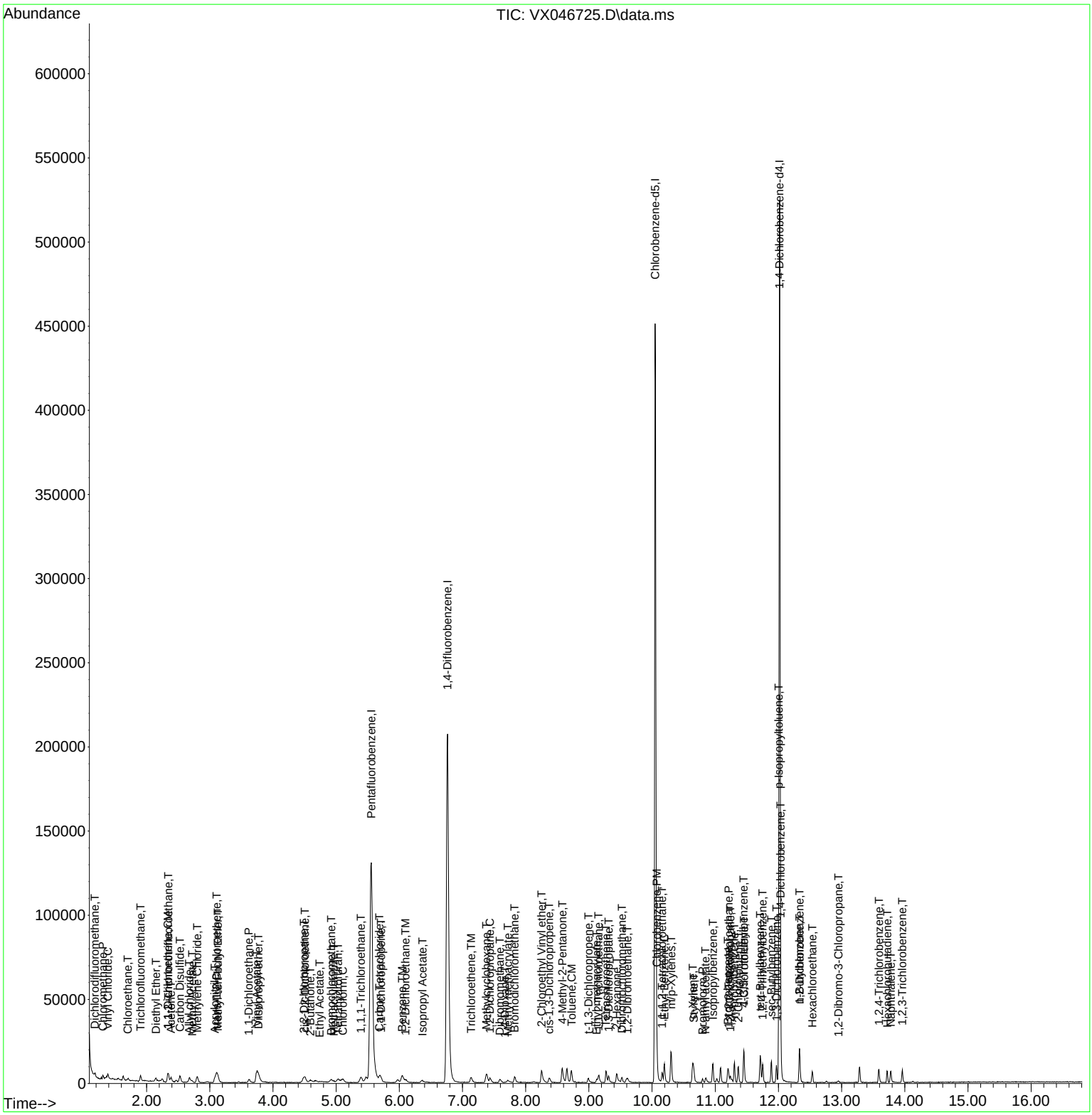
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

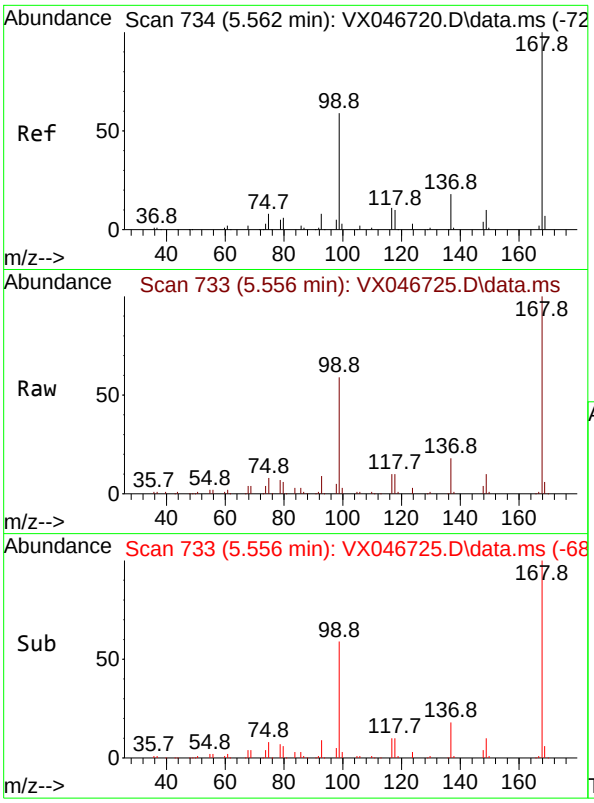
Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

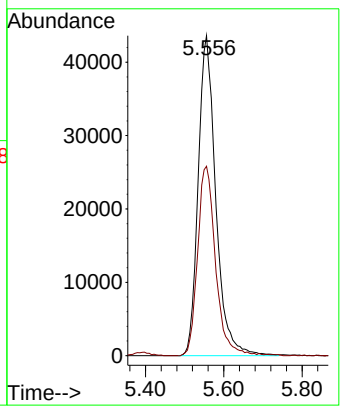




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:168 Resp: 13621

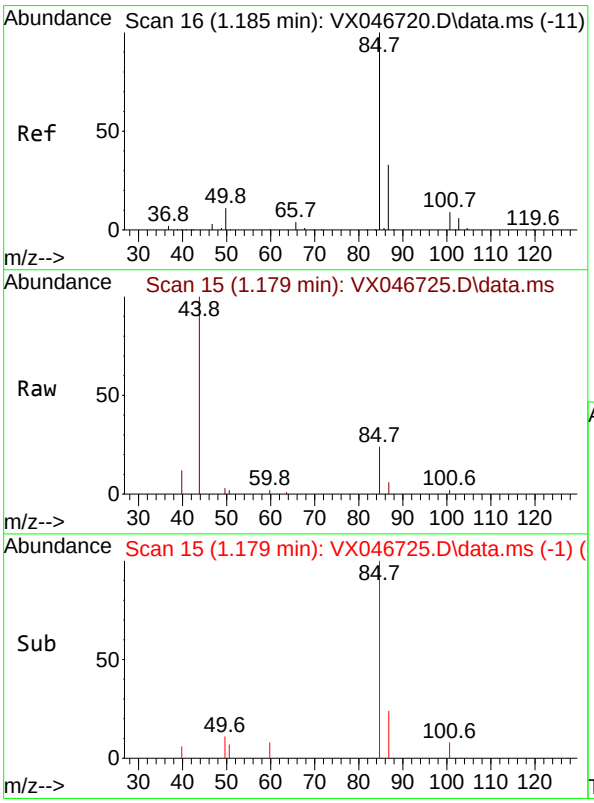
Ion	Ratio	Lower	Upper
168	100		
99	59.2	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

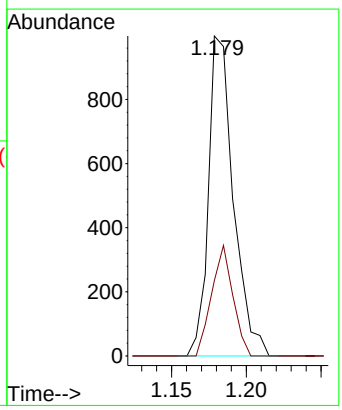
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

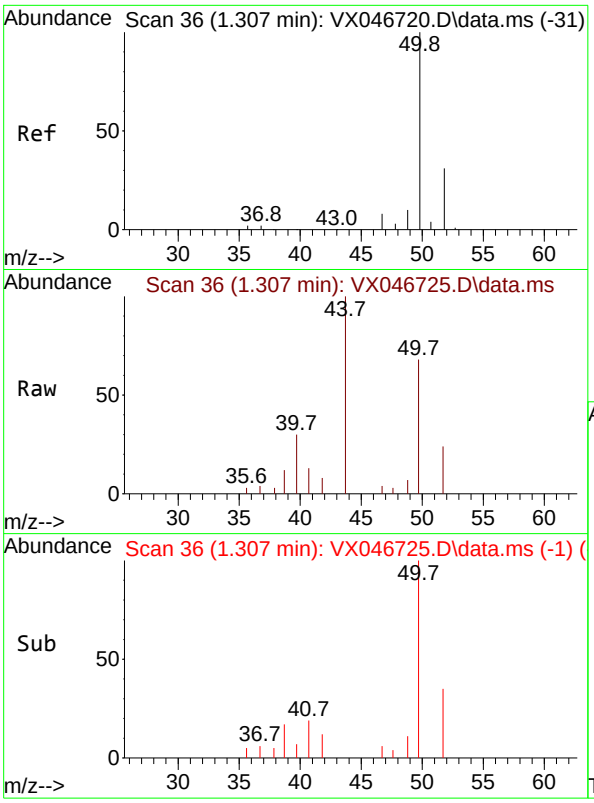


#2
Dichlorodifluoromethane
Concen: 0.797 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 85 Resp: 1159

Ion	Ratio	Lower	Upper
85	100		
87	23.5	16.6	49.8





#3
Chloromethane
Concen: 0.842 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

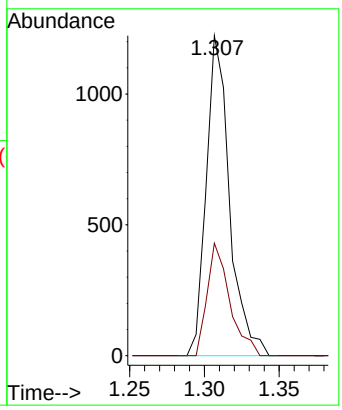
Tgt Ion: 50 Resp: 132

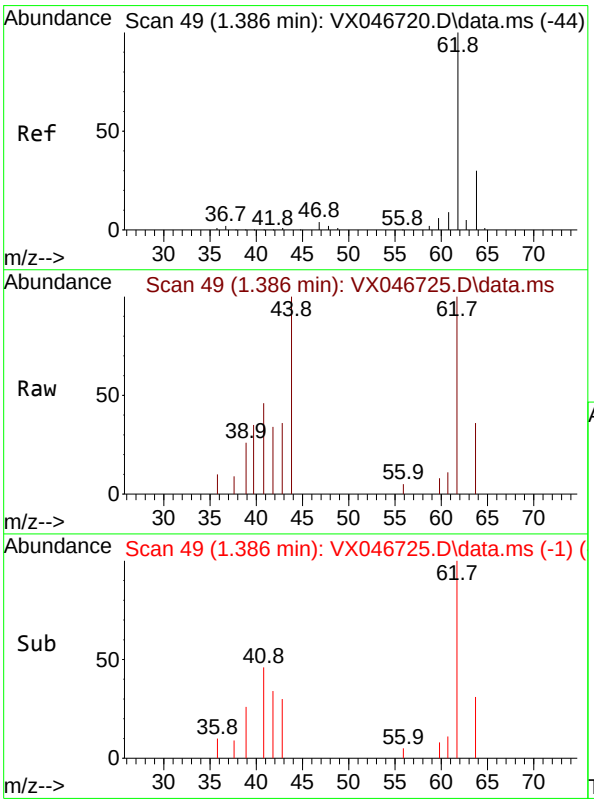
Ion	Ratio	Lower	Upper
50	100		
52	35.2	24.9	37.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

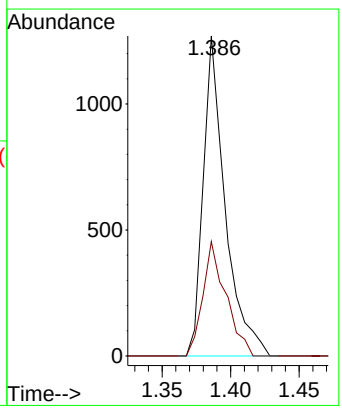


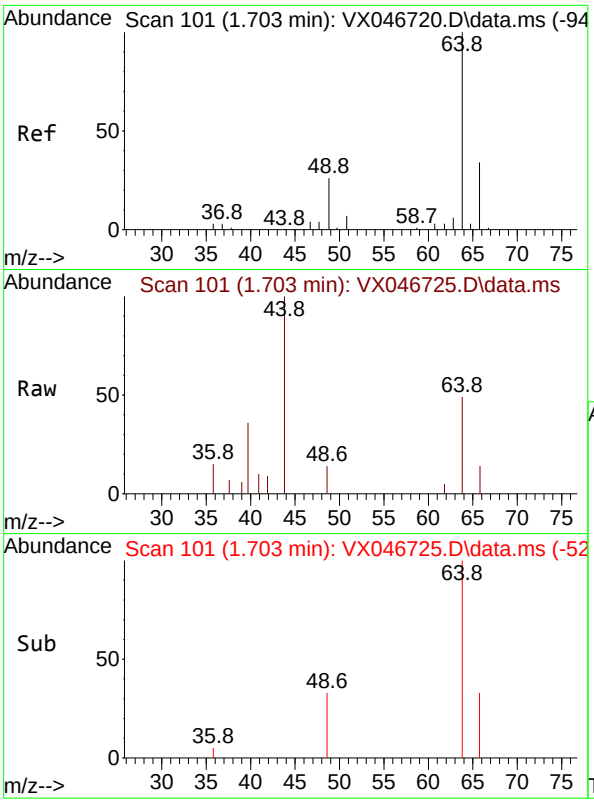


#4
Vinyl Chloride
Concen: 0.848 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 62 Resp: 1419

Ion	Ratio	Lower	Upper
62	100		
64	35.7	23.9	35.9

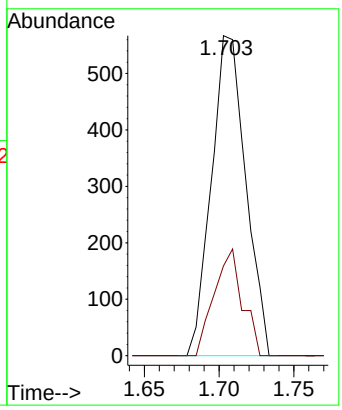




#6
Chloroethane
Concen: 0.892 ug/l
RT: 1.703 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 64 Resp: 90

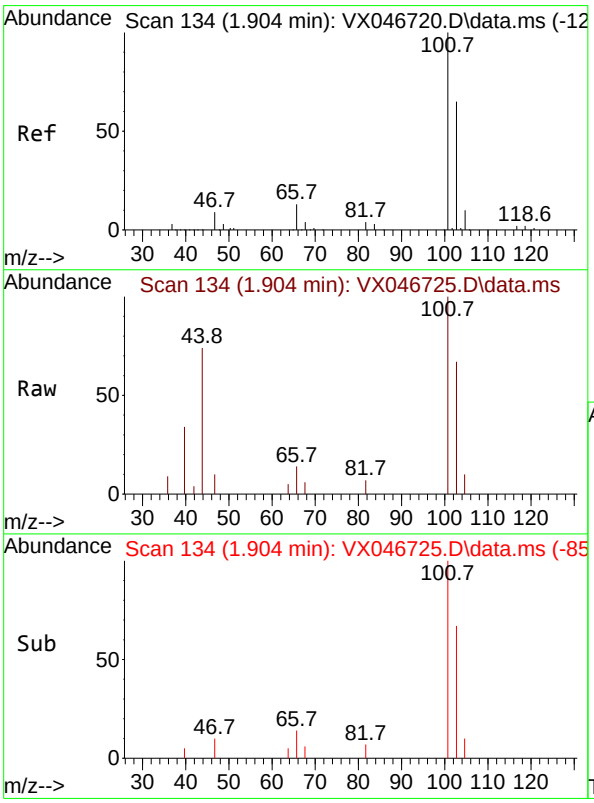
Ion	Ratio	Lower	Upper
64	100		
66	28.0	27.1	40.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

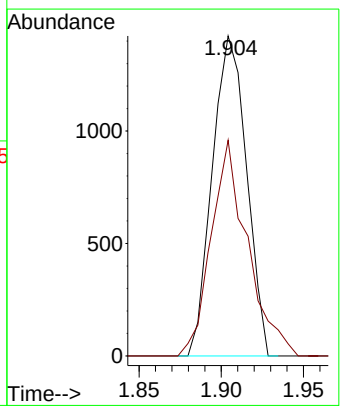
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

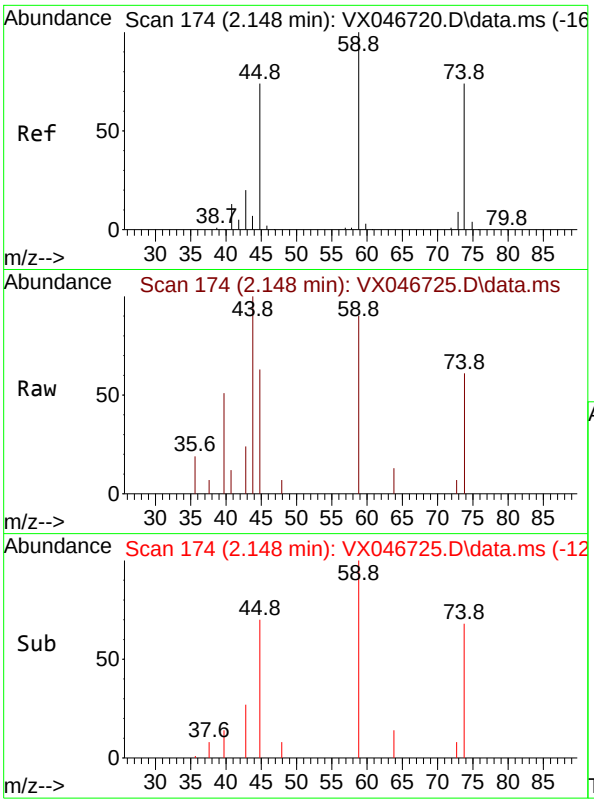


#7
Trichlorofluoromethane
Concen: 0.811 ug/l
RT: 1.904 min Scan# 134
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:101 Resp: 2062

Ion	Ratio	Lower	Upper
101	100		
103	67.4	51.8	77.8





#8
Diethyl Ether
Concen: 0.828 ug/l
RT: 2.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

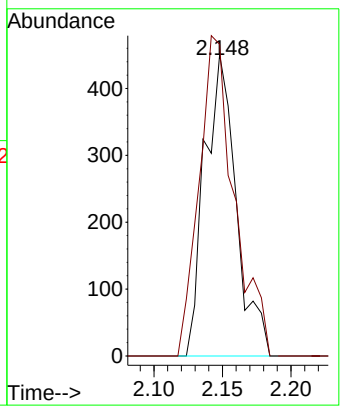
Tgt Ion: 74 Resp: 72

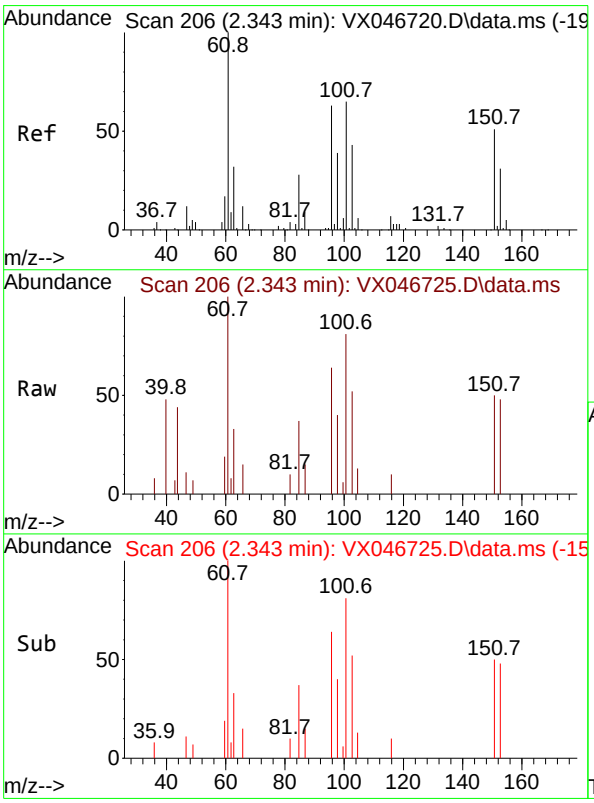
Ion	Ratio	Lower	Upper
74	100		
45	118.6	52.3	157.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

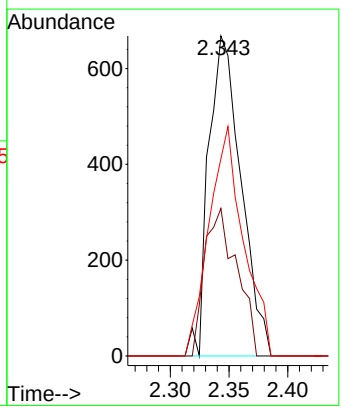


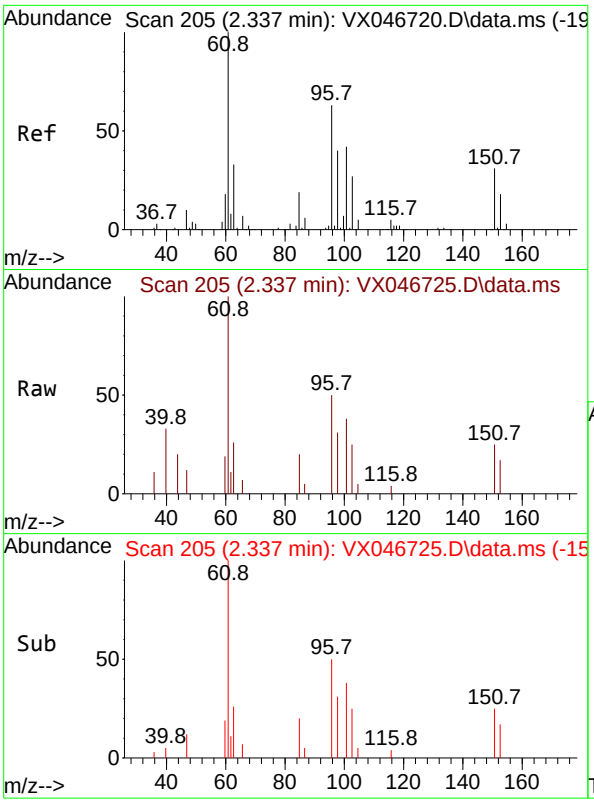


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.821 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:101 Resp: 1280

Ion	Ratio	Lower	Upper
101	100		
85	45.9	35.4	53.0
151	76.5	61.2	91.8

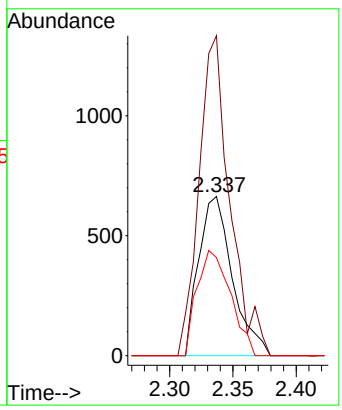




#12
1,1-Dichloroethene
Concen: 0.816 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 96 Resp: 122

Ion	Ratio	Lower	Upper
96	100		
61	200.9	126.6	189.8#
98	61.6	50.7	76.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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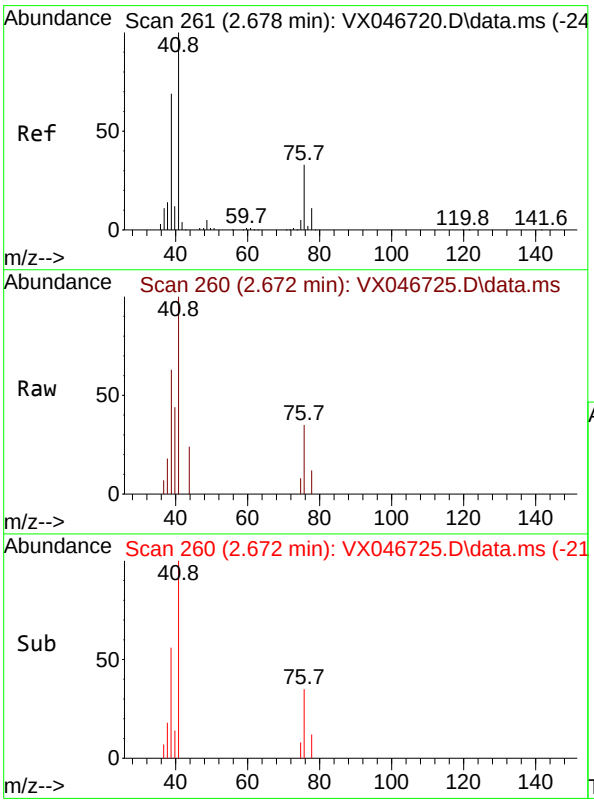
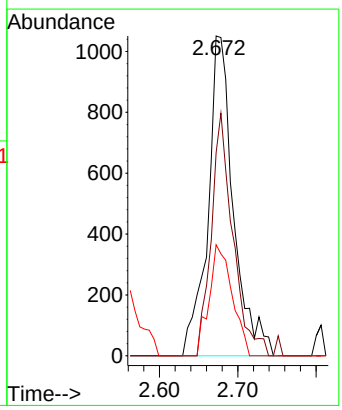
Supervised By :Mahesh Dadoda 06/18/2025

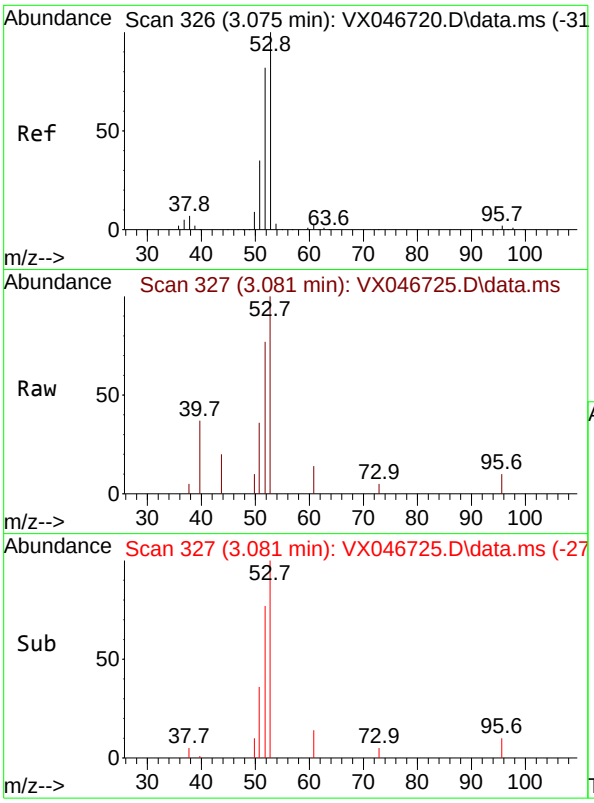


#14
Allyl chloride
Concen: 0.875 ug/l
RT: 2.672 min Scan# 260
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 41 Resp: 2386

Ion	Ratio	Lower	Upper
41	100		
39	64.2	53.6	80.4
76	31.4	26.8	40.2

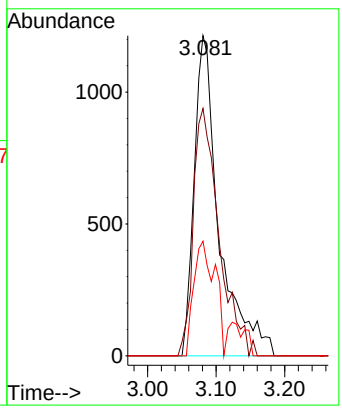




#15
Acrylonitrile
Concen: 4.044 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 53 Resp: 307

Ion	Ratio	Lower	Upper
53	100		
52	79.2	65.1	97.7
51	31.7	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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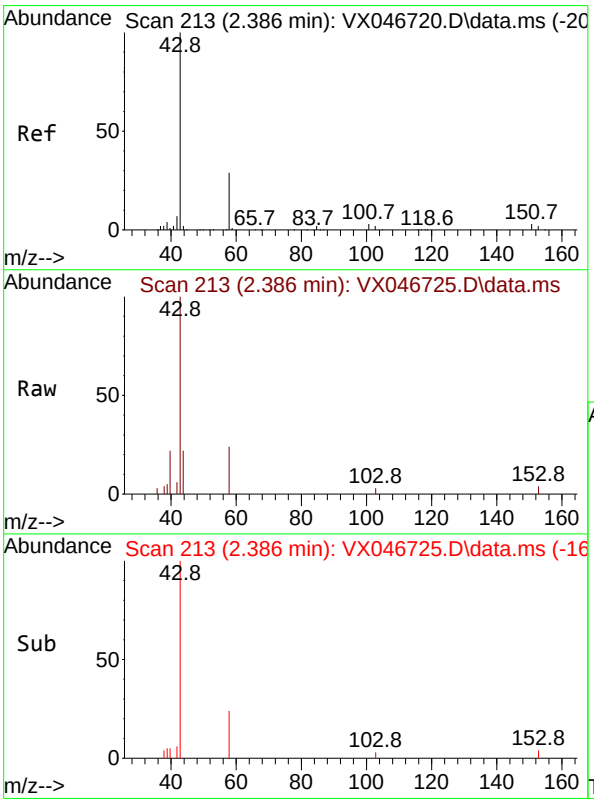
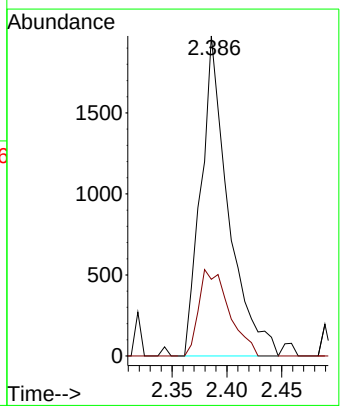
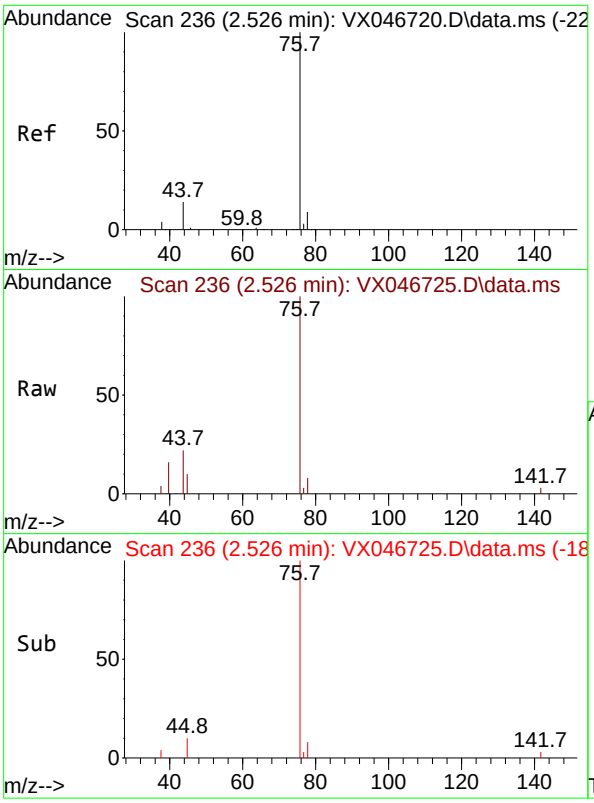


#16
Acetone
Concen: 5.449 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 43 Resp: 3424

Ion	Ratio	Lower	Upper
43	100		
58	19.6	24.5	36.7#





#17
Carbon Disulfide
Concen: 1.121 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 76 Resp: 509

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
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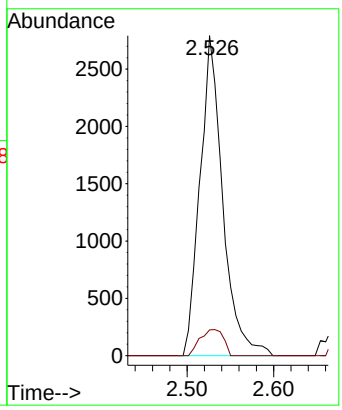
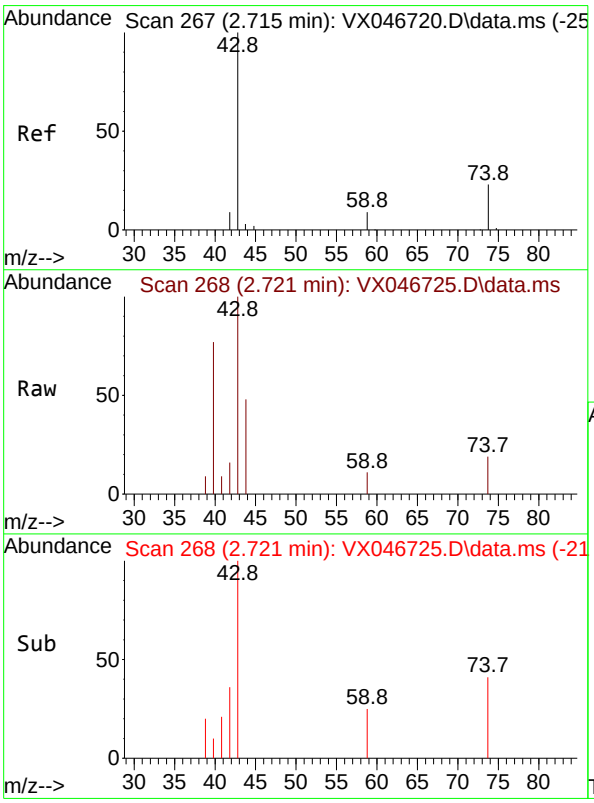
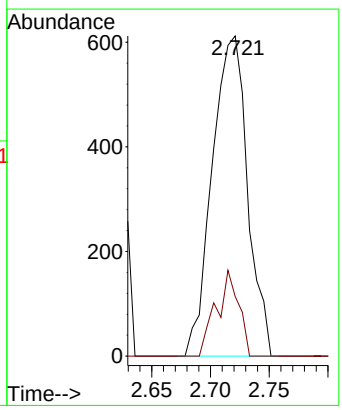


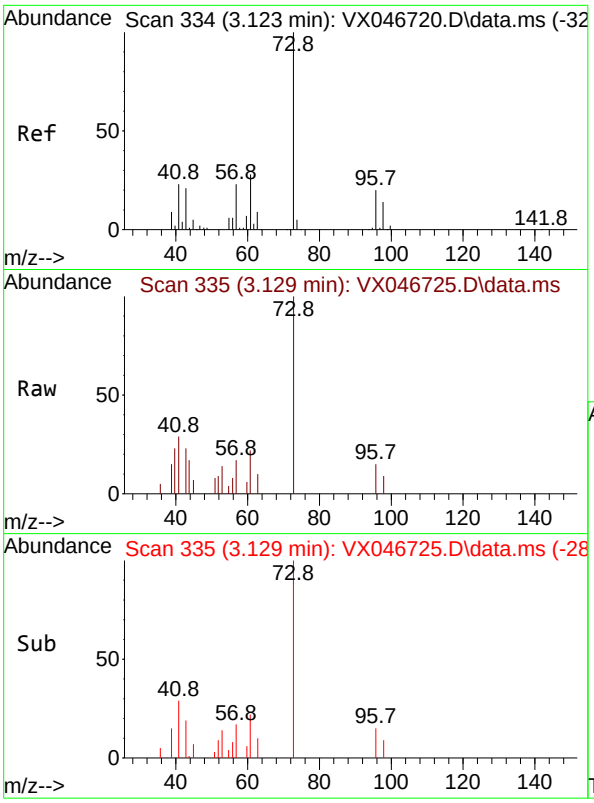


#18
Methyl Acetate
Concen: 0.802 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 43 Resp: 1280

Ion	Ratio	Lower	Upper
43	100		
74	16.9	18.4	27.6#

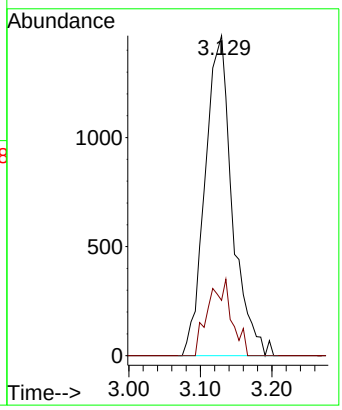




#19
Methyl tert-butyl Ether
Concen: 0.830 ug/l
RT: 3.129 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 73 Resp: 388

Ion	Ratio	Lower	Upper
73	100		
57	17.3	18.2	27.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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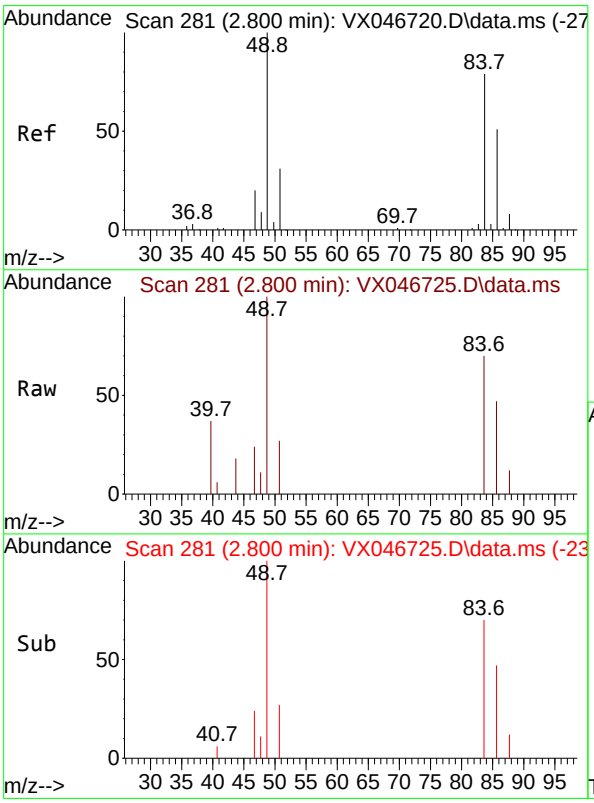
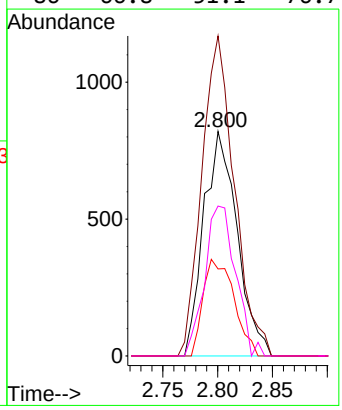
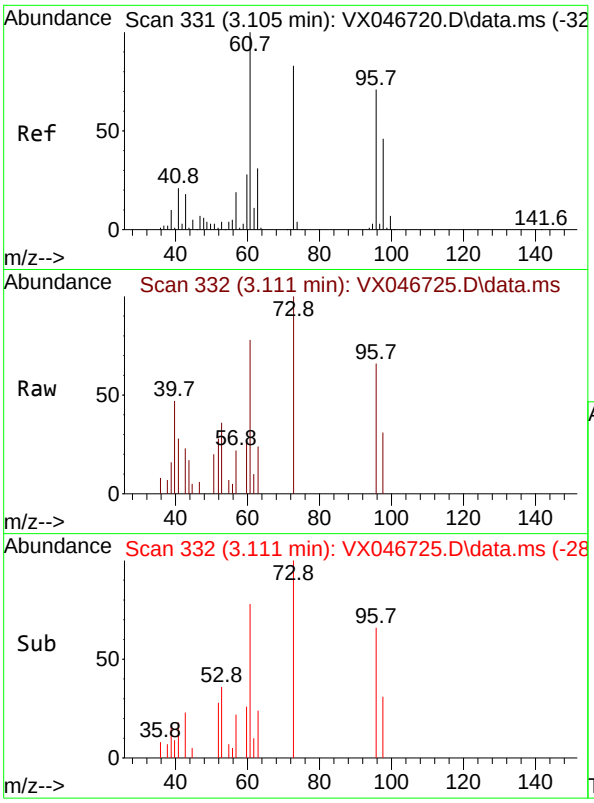


#20
Methylene Chloride
Concen: 0.994 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 84 Resp: 1736

Ion	Ratio	Lower	Upper
84	100		
49	142.6	101.3	151.9
51	38.8	31.0	46.6
86	66.8	51.1	76.7

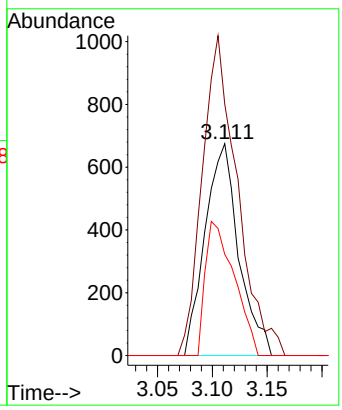




#21
trans-1,2-Dichloroethene
Concen: 0.895 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 96 Resp: 144

Ion	Ratio	Lower	Upper
96	100		
61	118.7	112.5	168.7
98	47.7	51.9	77.9#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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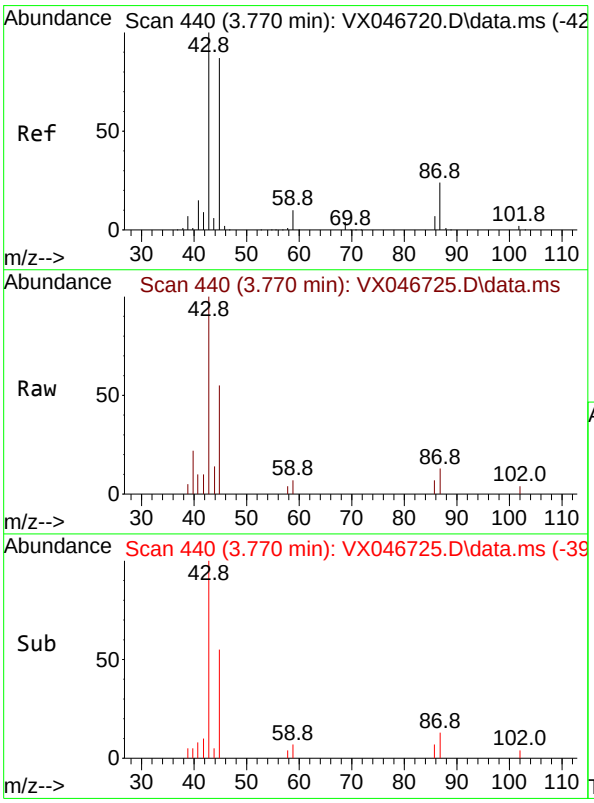
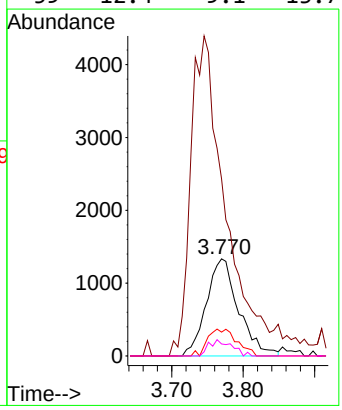
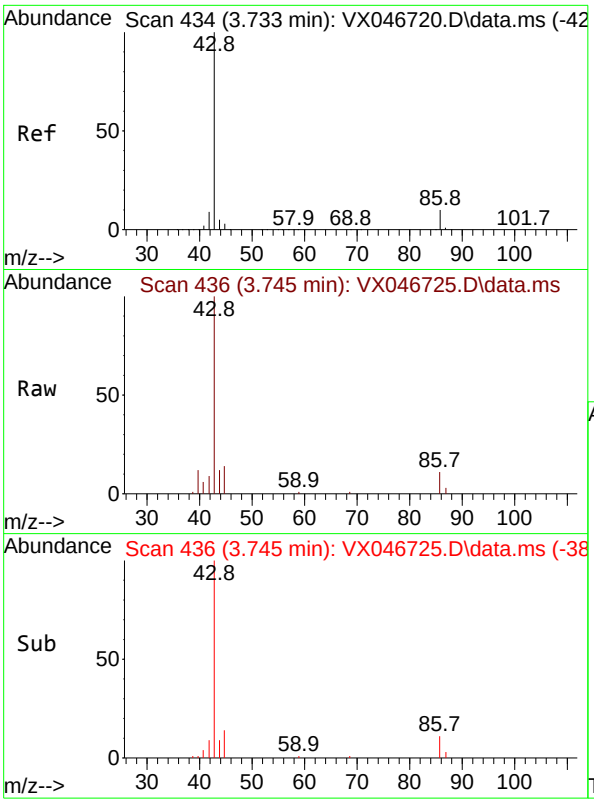


#22
Diisopropyl ether
Concen: 0.796 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 45 Resp: 4170

Ion	Ratio	Lower	Upper
45	100		
43	155.2	91.9	137.9#
87	24.5	22.0	33.0
59	12.4	9.1	13.7





#23
Vinyl Acetate
Concen: 3.722 ug/l
RT: 3.745 min Scan# 4
Delta R.T. 0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 43 Resp: 1550

Ion	Ratio	Lower	Upper
43	100		
86	12.0	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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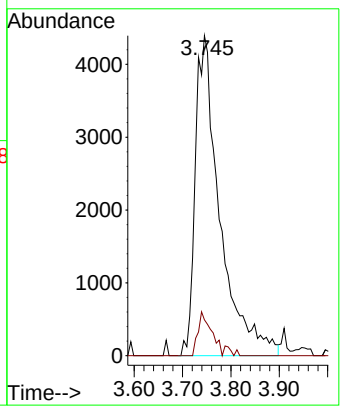
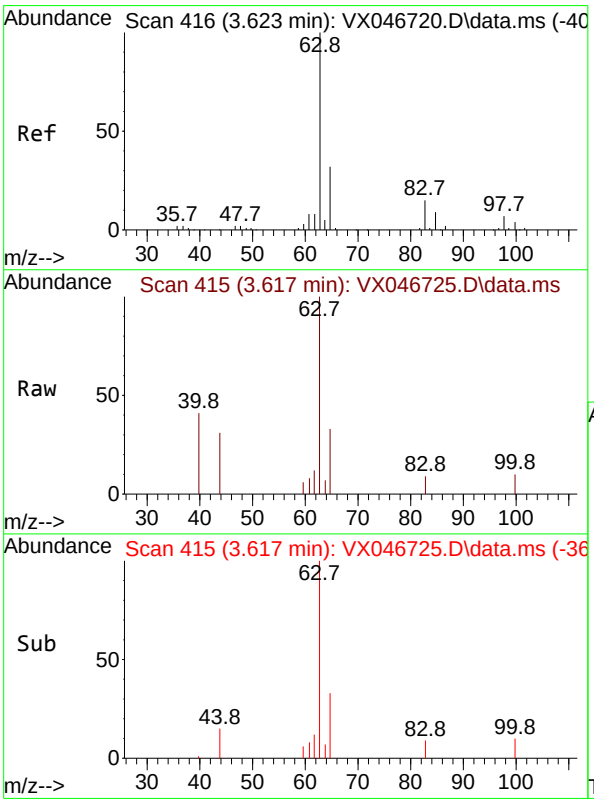
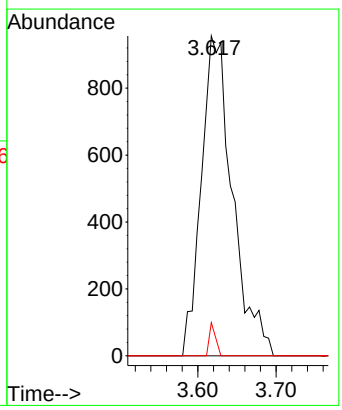


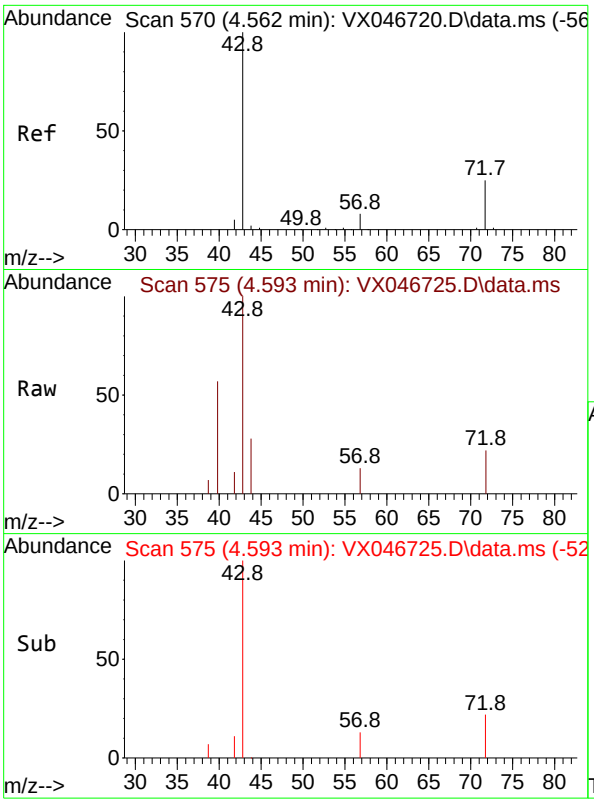


#24
1,1-Dichloroethane
Concen: 0.890 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 63 Resp: 2648

Ion	Ratio	Lower	Upper
63	100		
98	0.0	4.0	11.9#
100	10.4	2.2	6.6#





#25
2-Butanone
Concen: 3.851 ug/l
RT: 4.593 min Scan# 5
Delta R.T. 0.030 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 43 Resp: 342

Ion	Ratio	Lower	Upper
43	100		
72	22.0	20.2	30.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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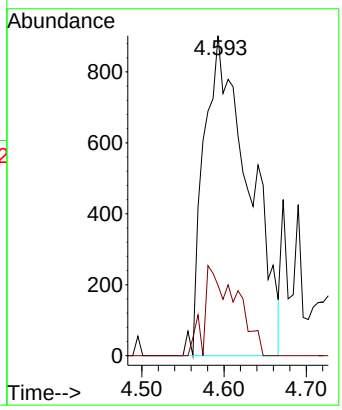
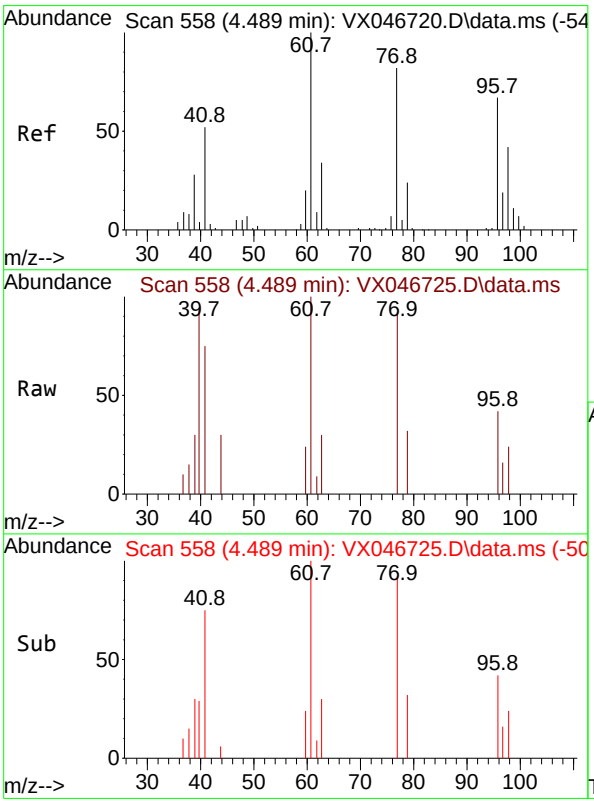
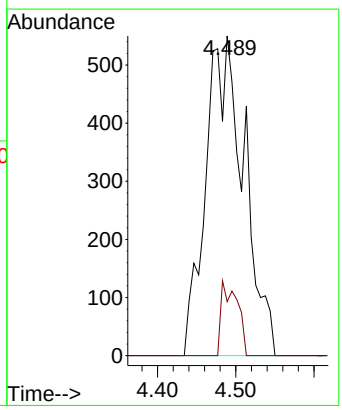


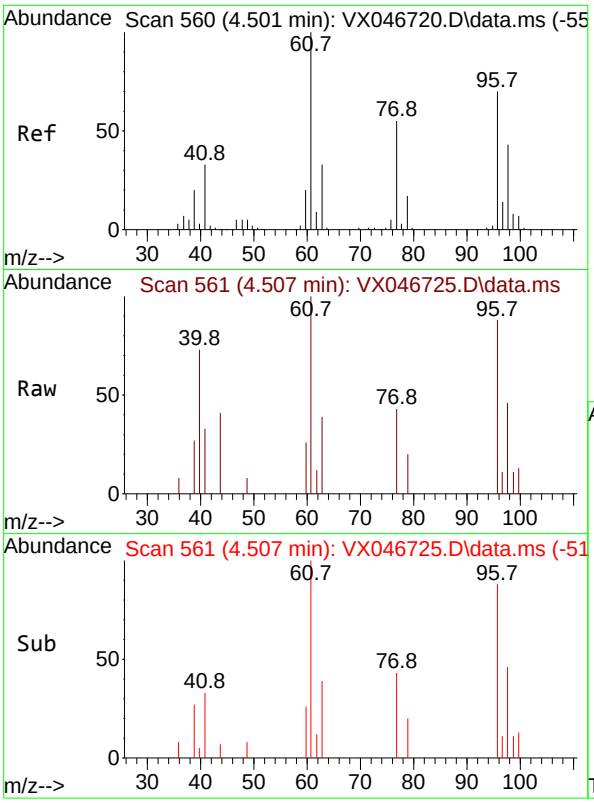


#26
2,2-Dichloropropane
Concen: 0.864 ug/l m
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 77 Resp: 1874

Ion	Ratio	Lower	Upper
77	100		
97	9.8	11.8	35.3#

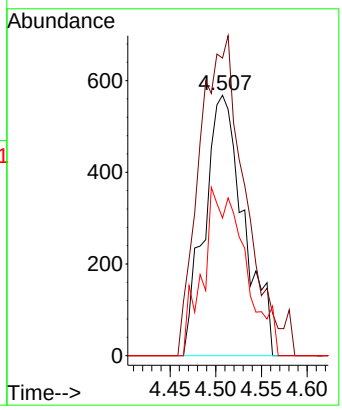




#27
cis-1,2-Dichloroethene
Concen: 0.898 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 96 Resp: 169

Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	291.0
98	69.4	0.0	126.8



Instrument :
MSVOA_X
ClientSampleId :
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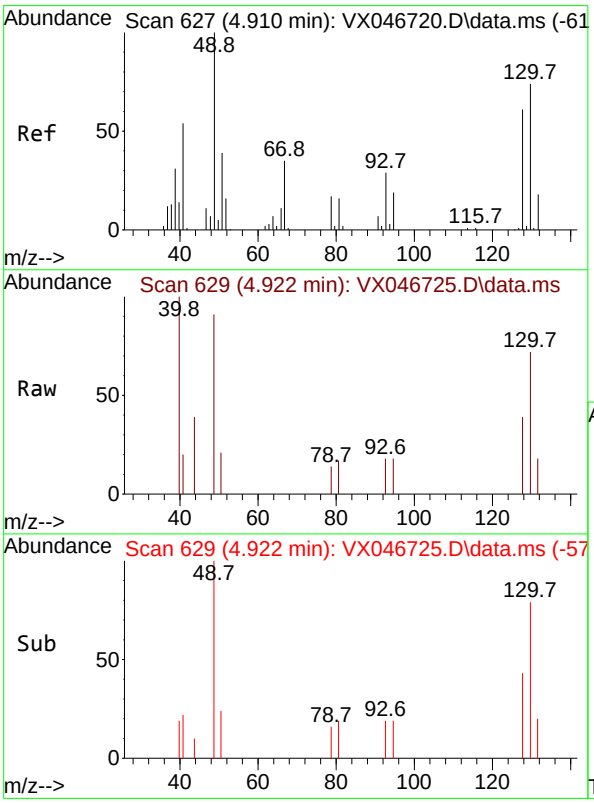
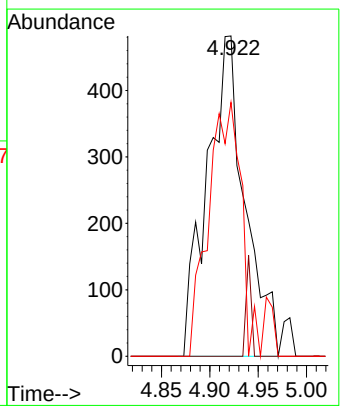
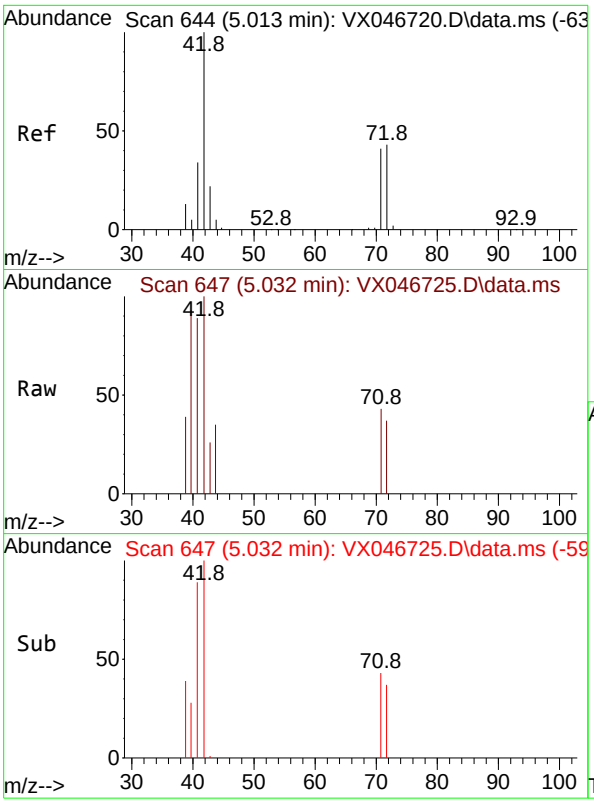


#28
Bromochloromethane
Concen: 0.969 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 49 Resp: 1307

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	68.6	61.4	92.0

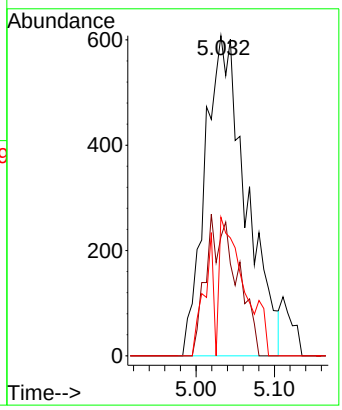




#29
Tetrahydrofuran
Concen: 3.854 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 42 Resp: 221

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.9	52.3#
71	26.1	32.2	48.2#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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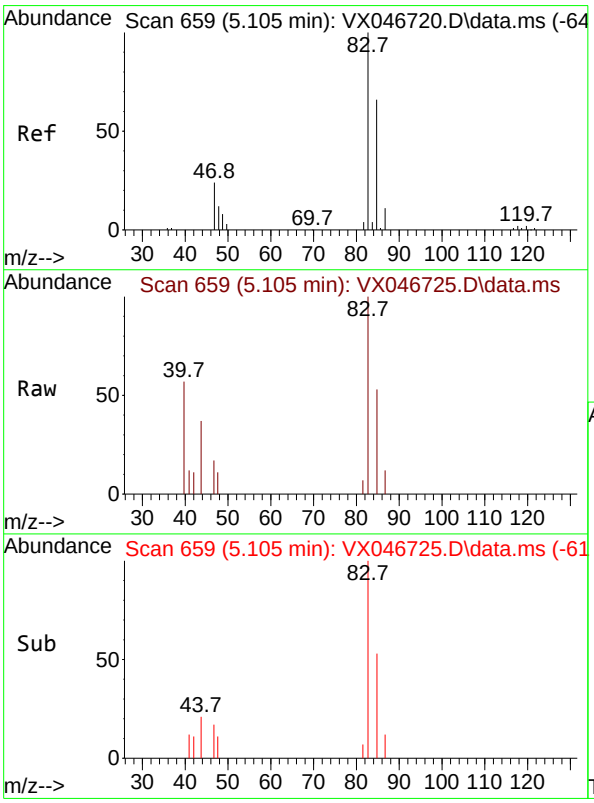
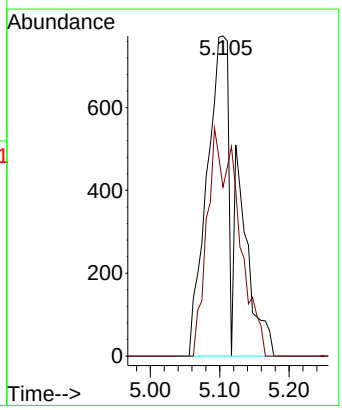
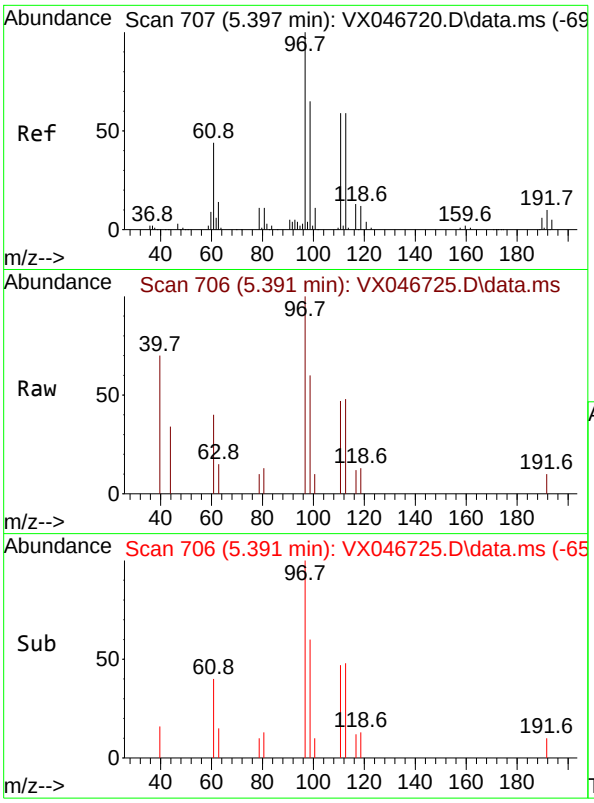


#30
Chloroform
Concen: 0.785 ug/l m
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 83 Resp: 2336

Ion	Ratio	Lower	Upper
83	100		
85	52.8	53.7	80.5#





#32
1,1,1-Trichloroethane
Concen: 0.848 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 97 Resp: 221

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	41.9	36.4	54.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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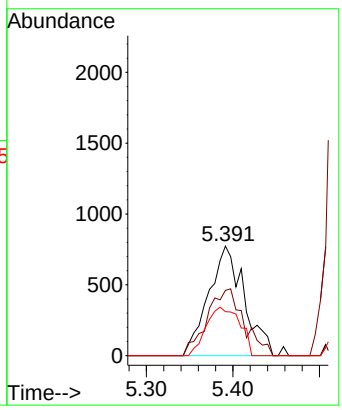
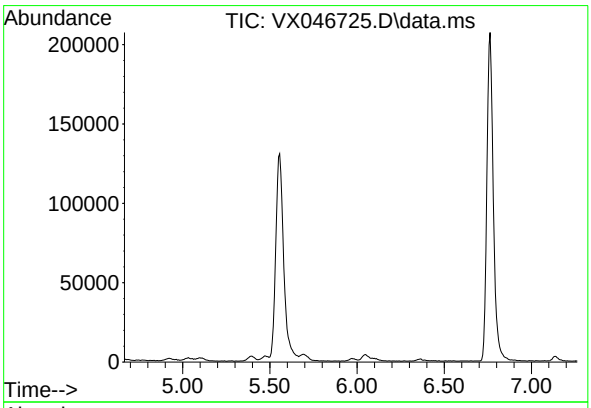


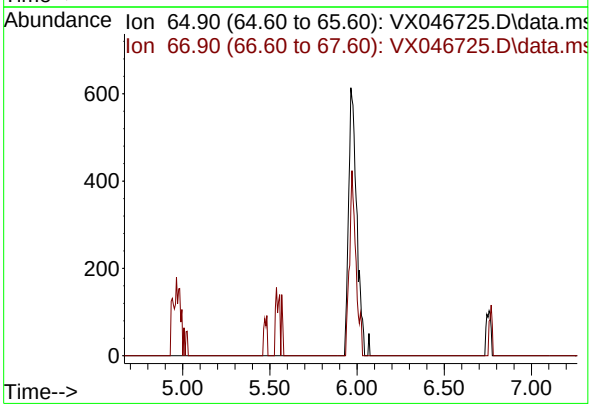


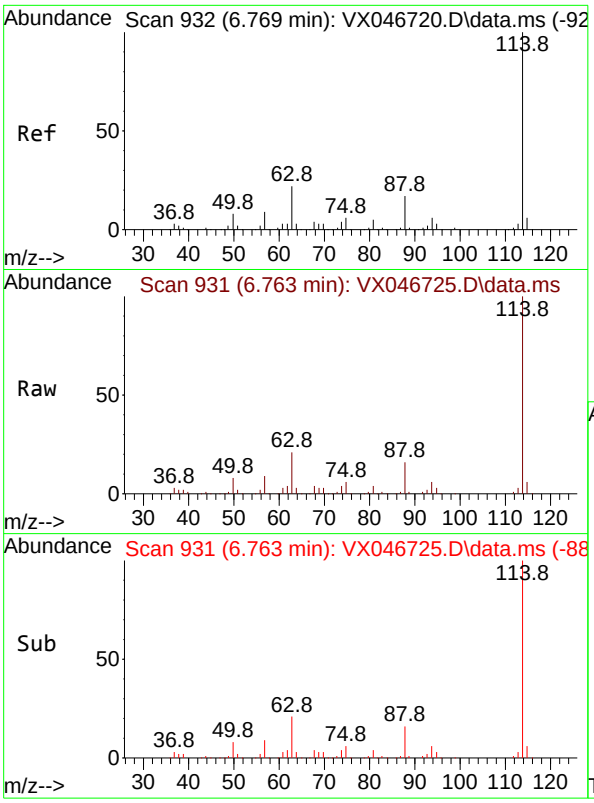
#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.96 min

Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	52.7





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:114 Resp: 22609

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.2
88	16.3	0.0	33.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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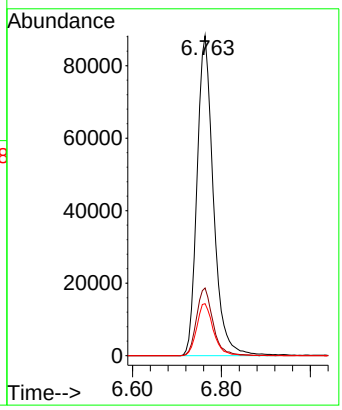
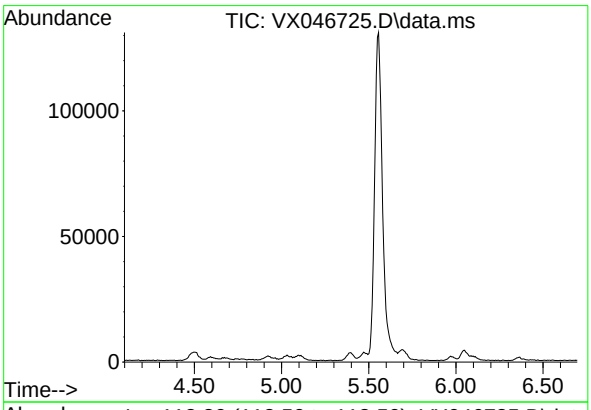
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



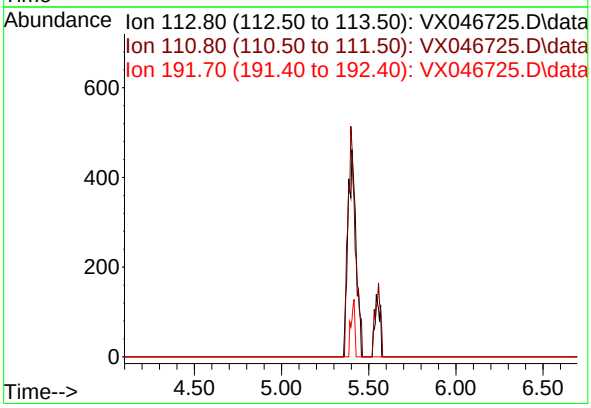


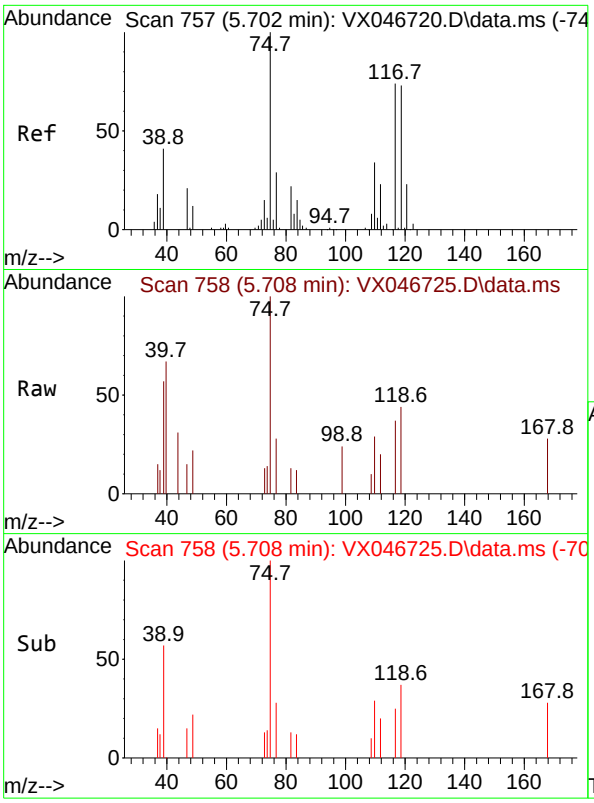
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.40 min

Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	102.5
192	19.1

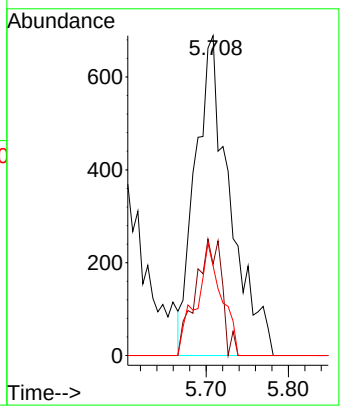




#36
1,1-Dichloropropene
Concen: 0.934 ug/l
RT: 5.708 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 75 Resp: 201

Ion	Ratio	Lower	Upper
75	100		
110	27.6	17.2	51.5
77	25.5	24.2	36.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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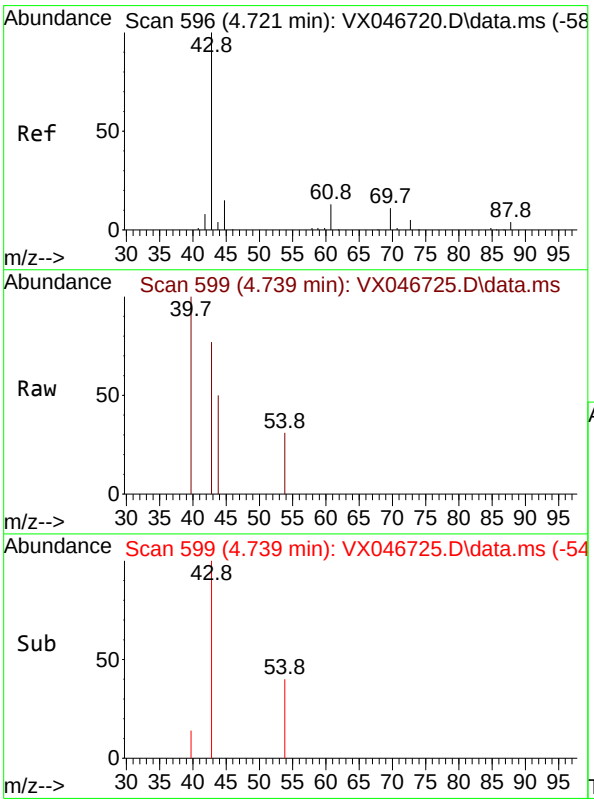
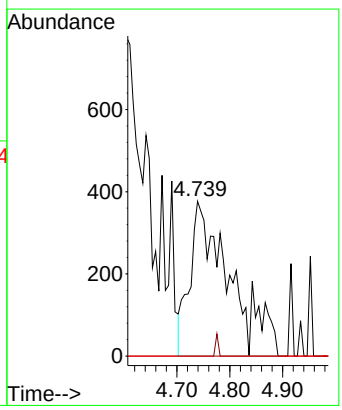
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

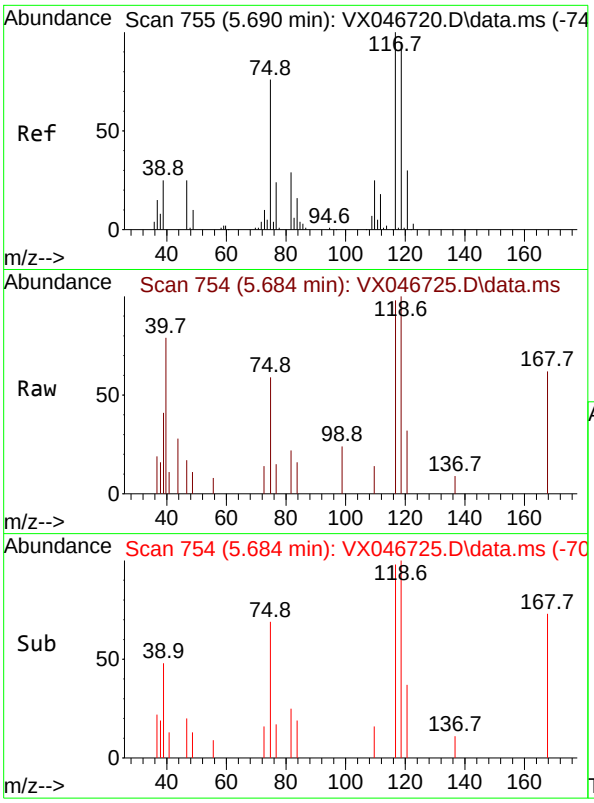


#37
Ethyl Acetate
Concen: 1.004 ug/l m
RT: 4.739 min Scan# 599
Delta R.T. 0.018 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 43 Resp: 2002

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	8.1	12.1#





#38
Carbon Tetrachloride
Concen: 0.906 ug/l
RT: 5.684 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:117 Resp: 212

Ion	Ratio	Lower	Upper
117	100		
119	102.3	75.2	112.8
121	32.4	24.1	36.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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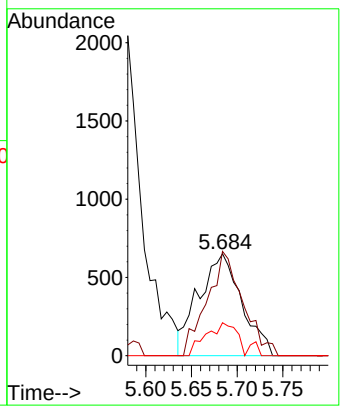
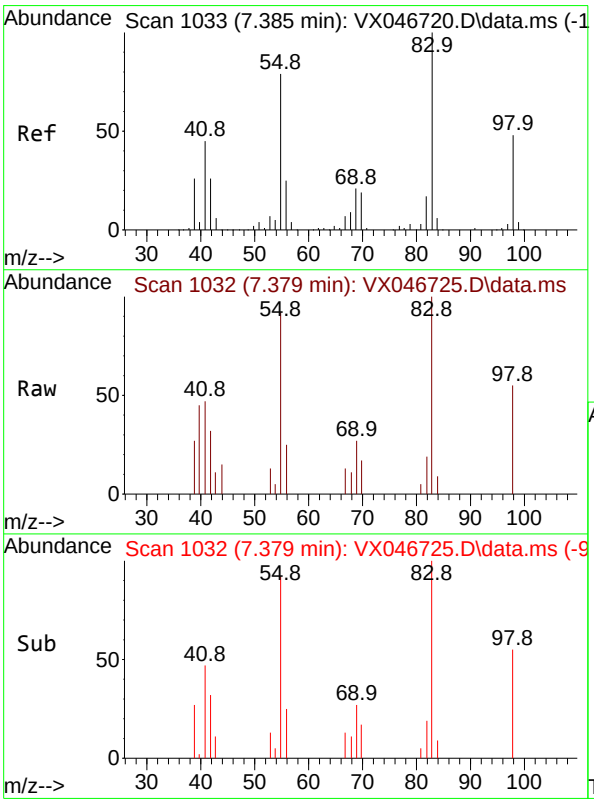
Supervised By :Mahesh Dadoda 06/18/2025

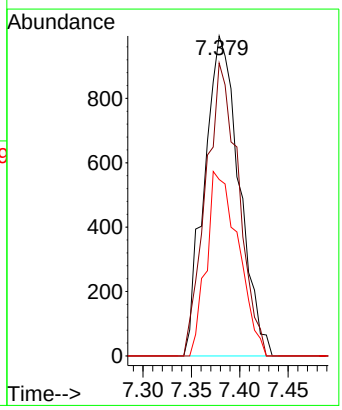


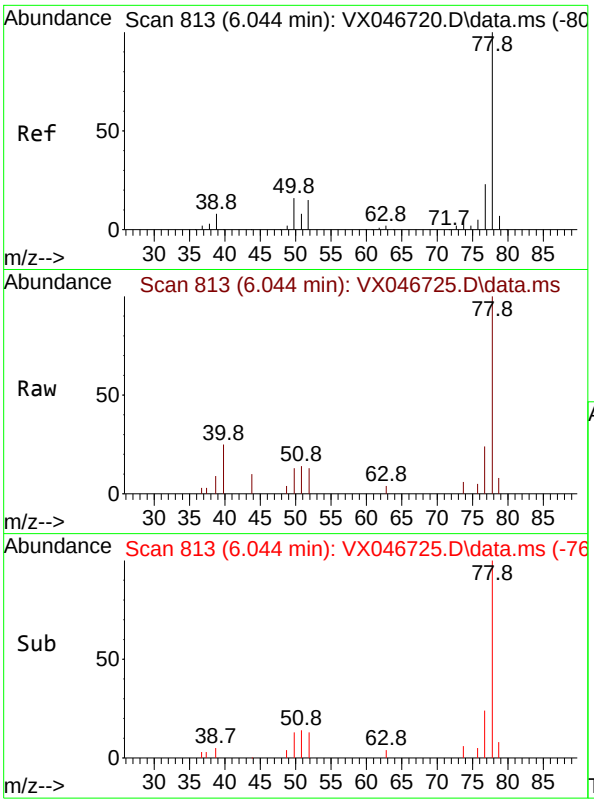


#39
Methylcyclohexane
Concen: 0.875 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 83 Resp: 2485

Ion	Ratio	Lower	Upper
83	100		
55	91.5	63.0	94.4
98	55.1	38.8	58.2

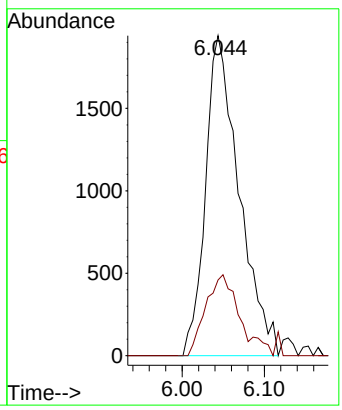




#40
Benzene
Concen: 0.862 ug/l
RT: 6.044 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 78 Resp: 550

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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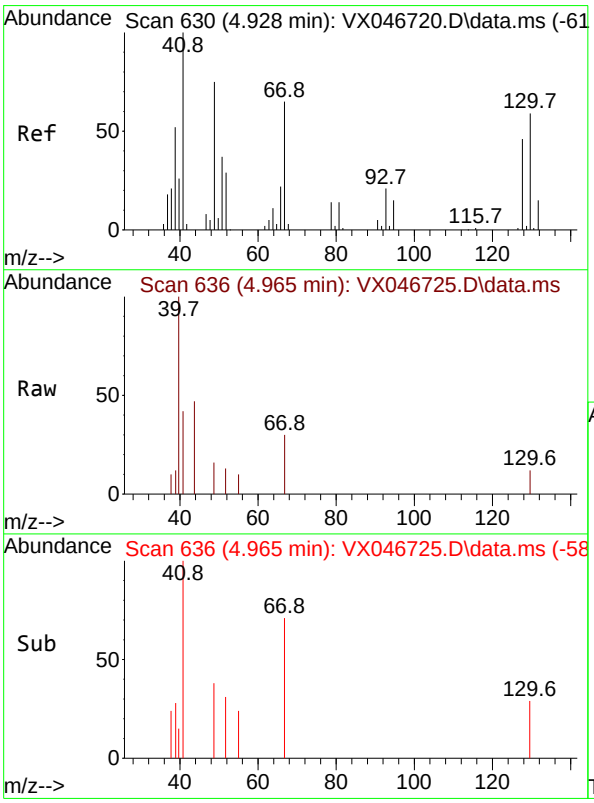
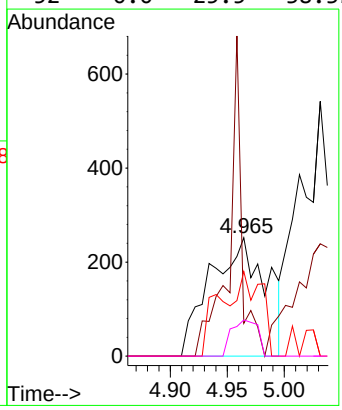
Supervised By :Mahesh Dadoda 06/18/2025

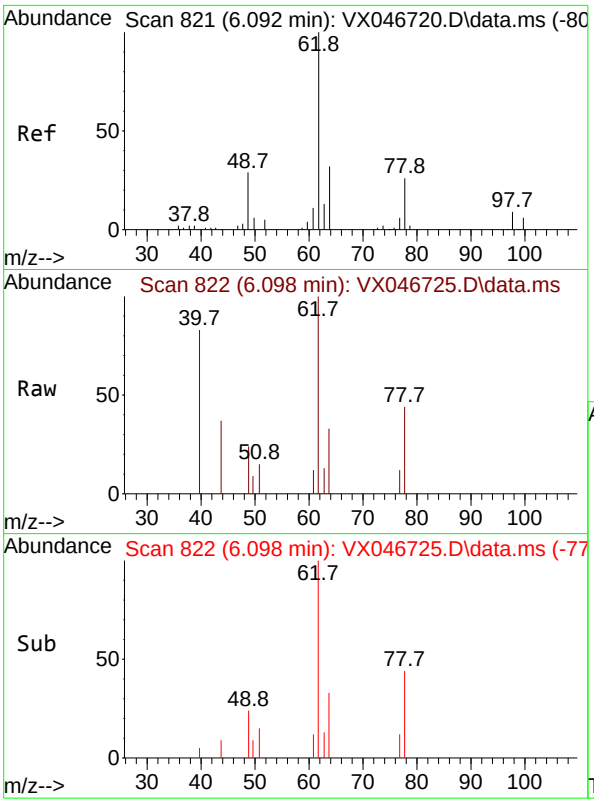


#41
Methacrylonitrile
Concen: 0.806 ug/l m
RT: 4.965 min Scan# 636
Delta R.T. 0.036 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 41 Resp: 857

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.9	68.9#
67	20.4	61.2	91.8#
52	0.0	25.5	38.3#





#42
1,2-Dichloroethane
Concen: 0.863 ug/l
RT: 6.098 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 62 Resp: 193

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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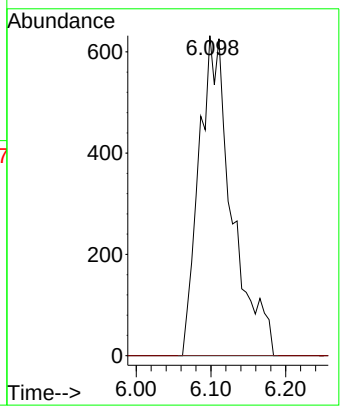
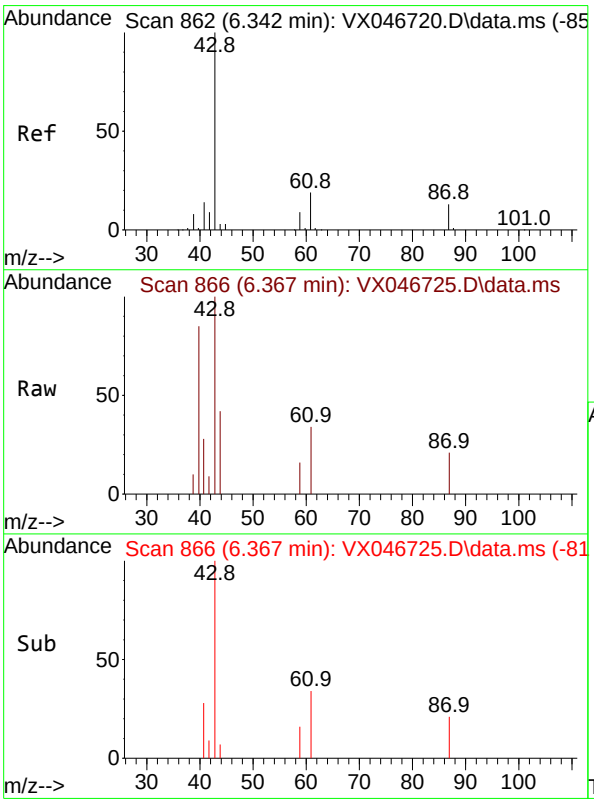
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

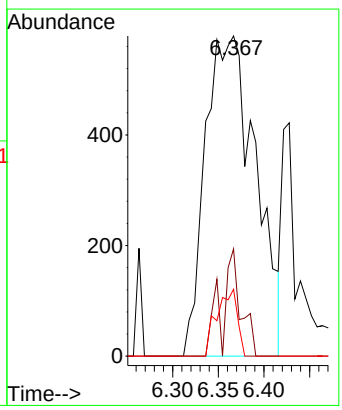


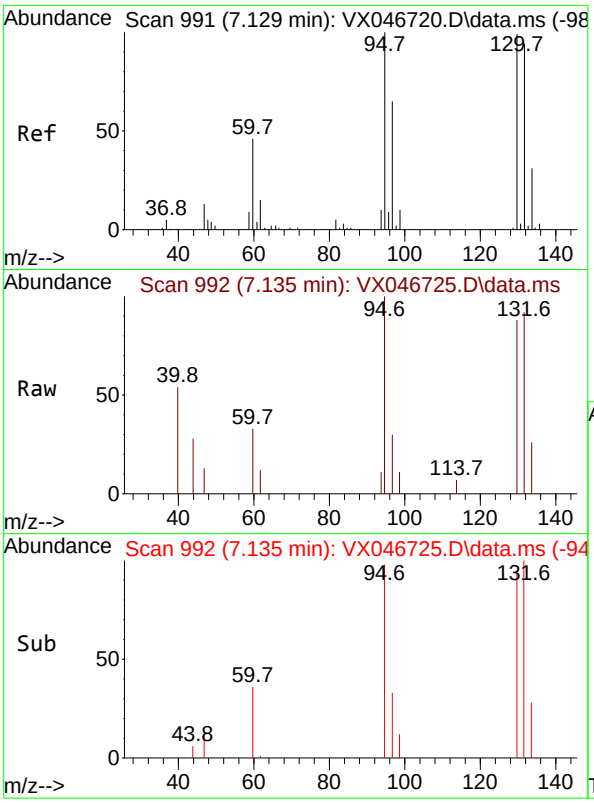


#43
Isopropyl Acetate
Concen: 0.711 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.024 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 43 Resp: 2218

Ion	Ratio	Lower	Upper
43	100		
61	9.3	15.3	22.9#
87	8.6	10.0	15.0#





#44
Trichloroethene
Concen: 0.889 ug/l
RT: 7.135 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:130 Resp: 144

Ion	Ratio	Lower	Upper
130	100		
95	114.0	0.0	202.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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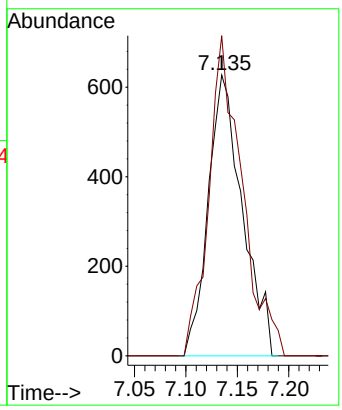
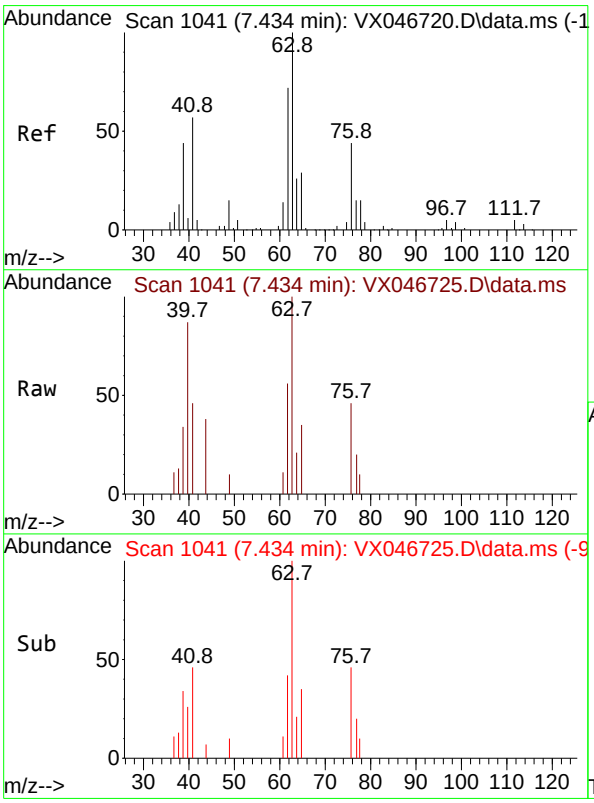
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

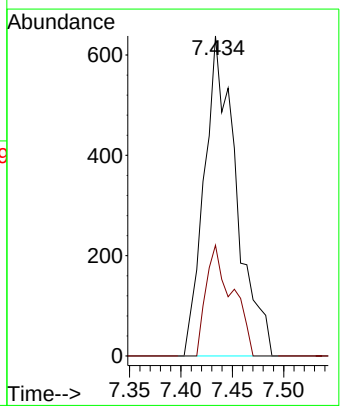


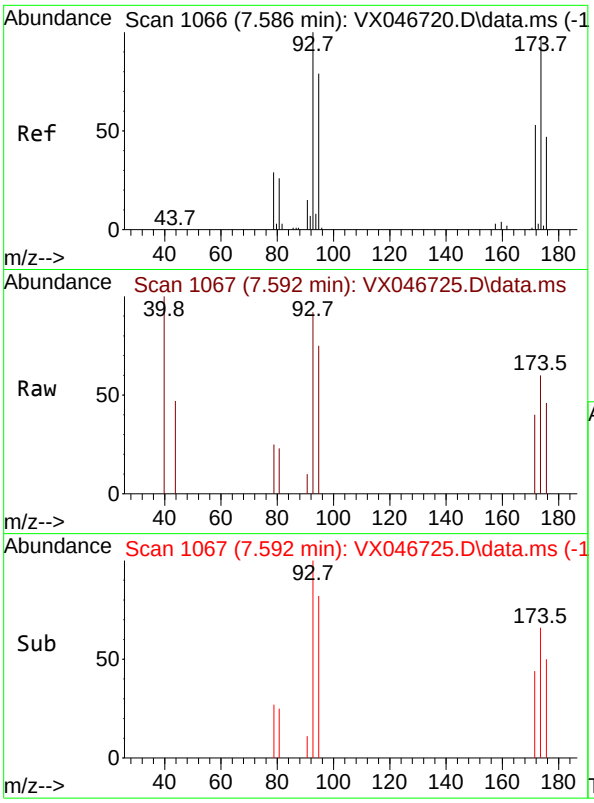


#45
1,2-Dichloropropane
Concen: 0.871 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 63 Resp: 1380

Ion	Ratio	Lower	Upper
63	100		
65	34.6	22.9	34.3#

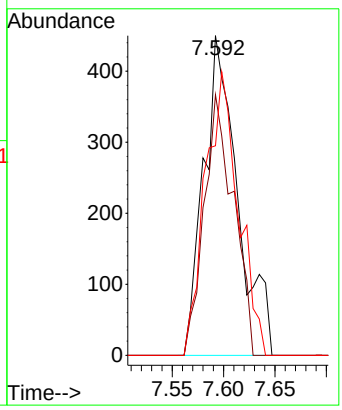




#46
Dibromomethane
Concen: 0.905 ug/l
RT: 7.592 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 93 Resp: 103

Ion	Ratio	Lower	Upper
93	100		
95	71.1	66.2	99.4
174	86.7	77.0	115.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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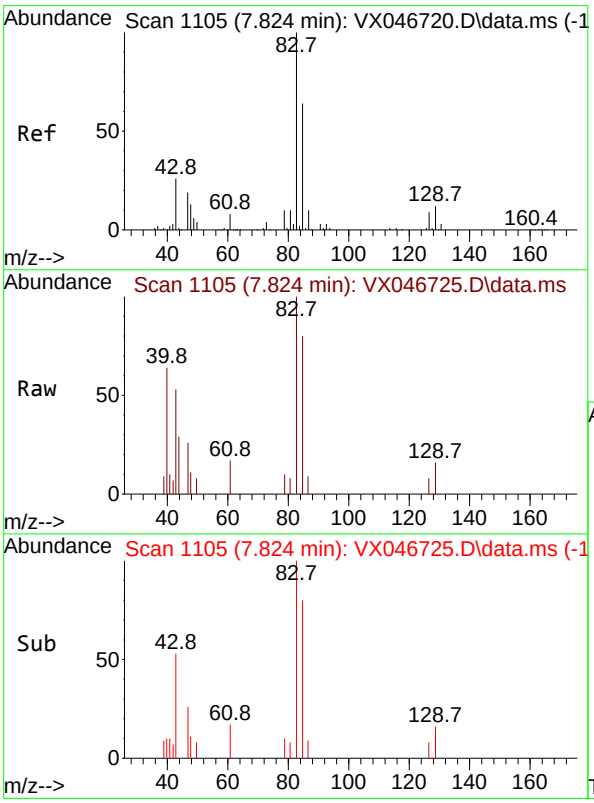
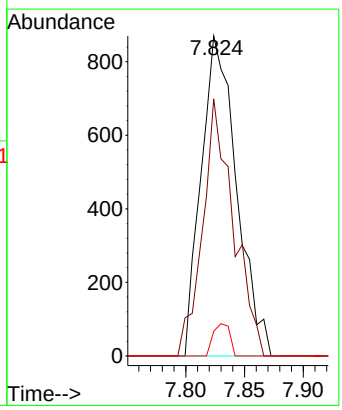
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

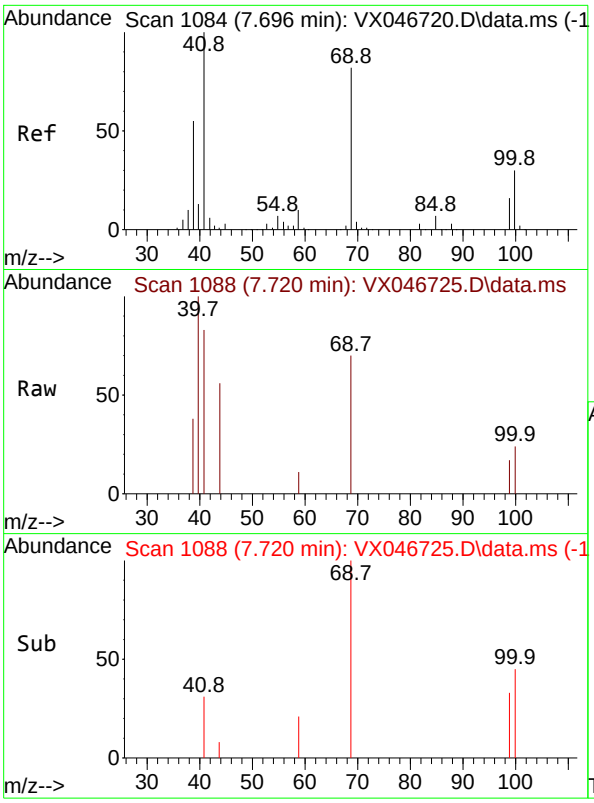


#47
Bromodichloromethane
Concen: 0.786 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 83 Resp: 1825

Ion	Ratio	Lower	Upper
83	100		
85	80.3	51.4	77.2#
127	7.7	6.9	10.3

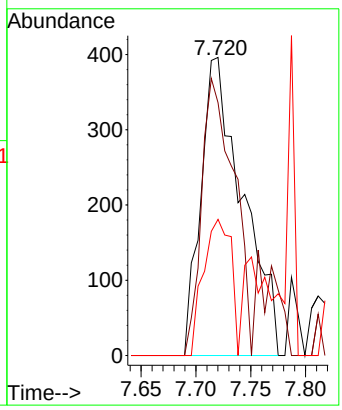




#48
Methyl methacrylate
Concen: 0.671 ug/l
RT: 7.720 min Scan# 1
Delta R.T. 0.024 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 41 Resp: 105

Ion	Ratio	Lower	Upper
41	100		
69	71.8	63.4	95.2
39	30.3	45.4	68.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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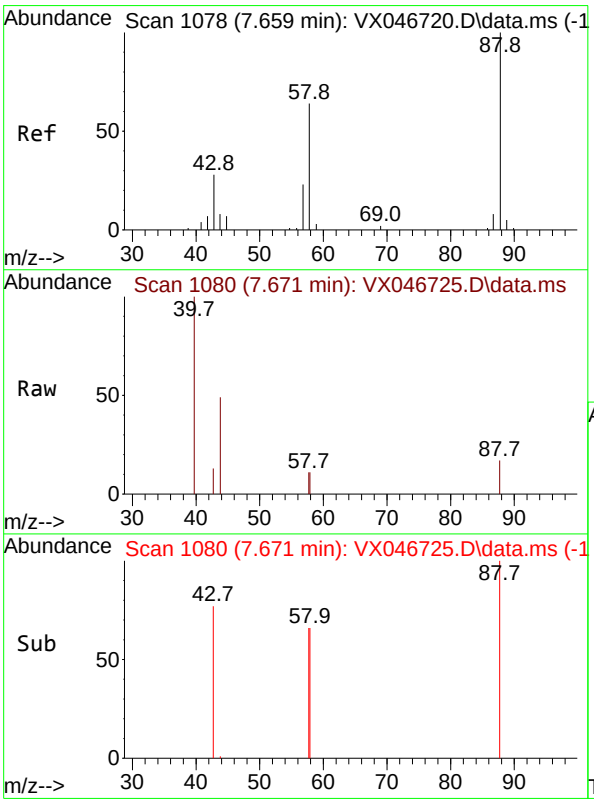
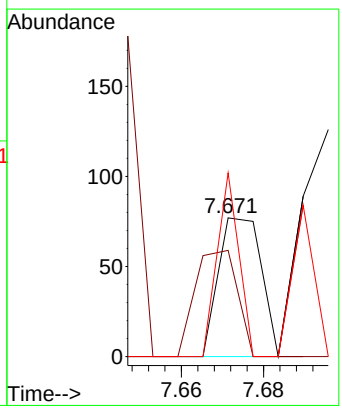
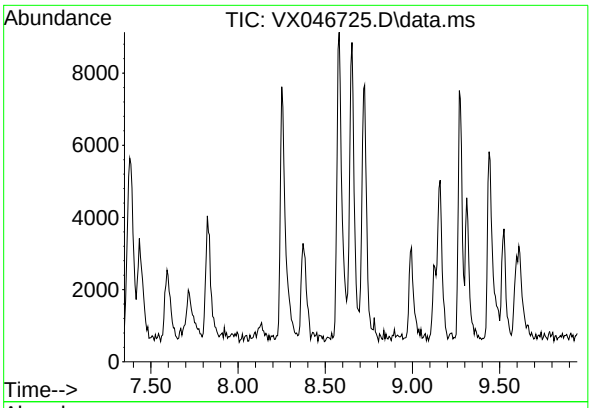


#49
1,4-Dioxane
Concen: 28.694 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 88 Resp: 56

Ion	Ratio	Lower	Upper
88	100		
43	75.0	31.2	46.8#
58	66.1	54.7	82.1





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	66.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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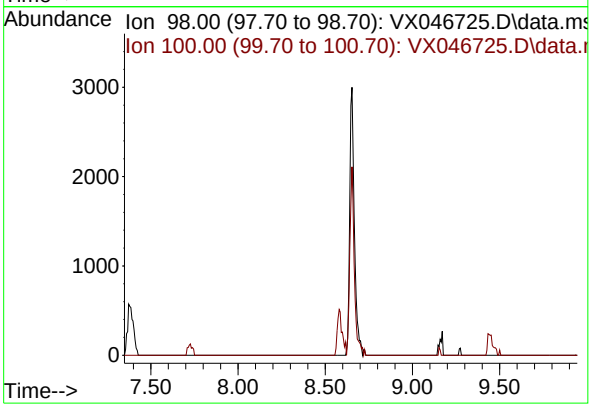
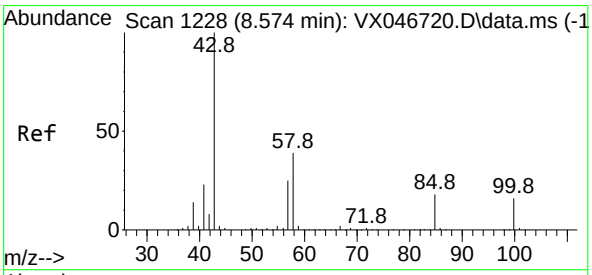
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

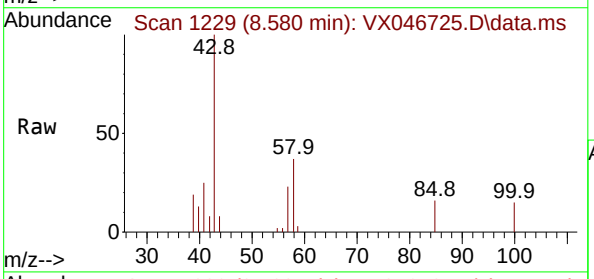


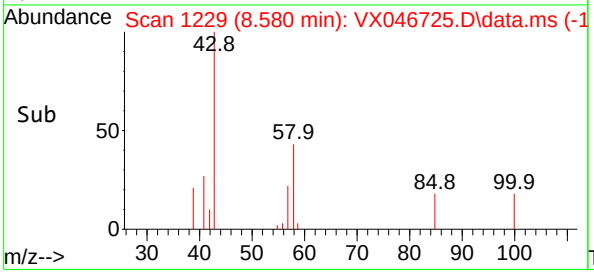


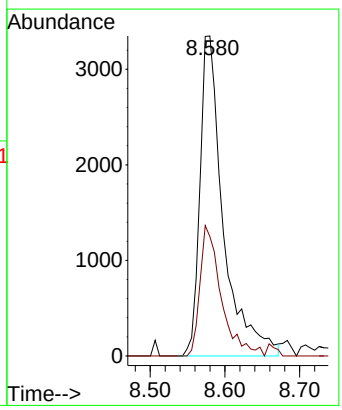
#51
4-Methyl-2-Pentanone
Concen: 3.910 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

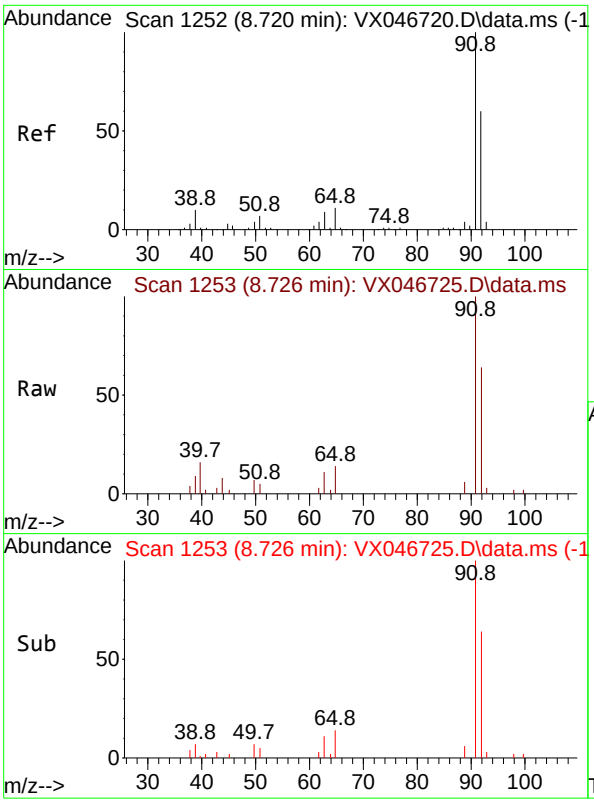
Tgt Ion: 43 Resp: 7273

Ion	Ratio	Lower	Upper
43	100		
58	36.9	30.8	46.2









#52
Toluene
Concen: 0.856 ug/l
RT: 8.726 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 92 Resp: 339

Ion	Ratio	Lower	Upper
92	100		
91	163.1	134.8	202.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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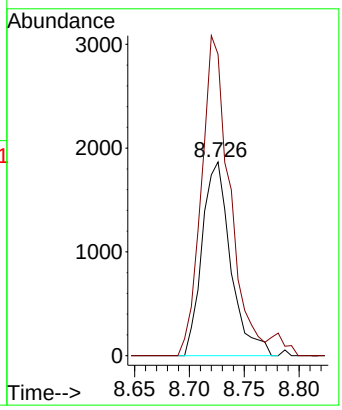
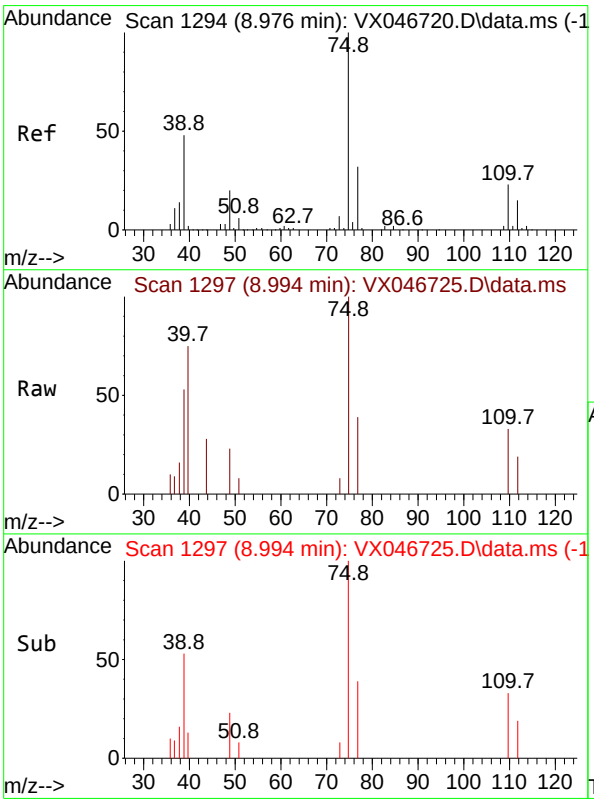
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

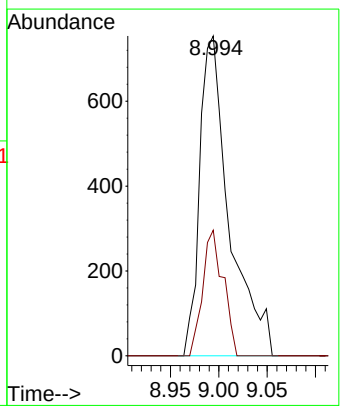


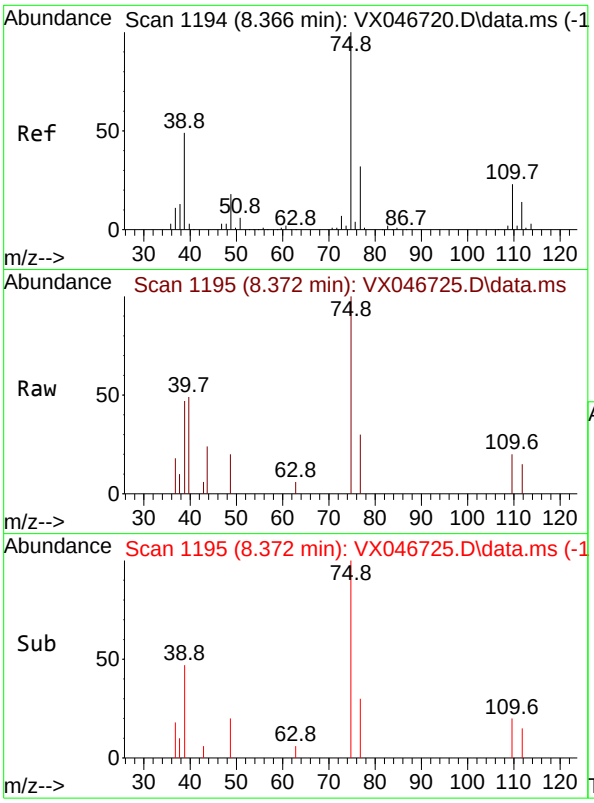


#53
t-1,3-Dichloropropene
Concen: 0.746 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 75 Resp: 1607

Ion	Ratio	Lower	Upper
75	100		
77	39.3	25.6	38.4#

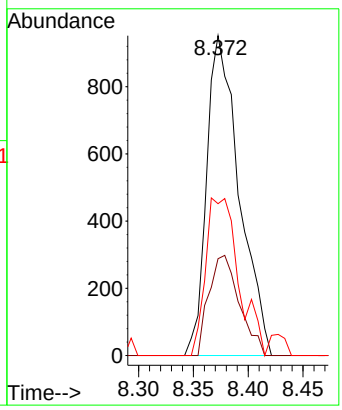




#54
cis-1,3-Dichloropropene
Concen: 0.806 ug/l
RT: 8.372 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 75 Resp: 197

Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.3	37.9
39	96.1	39.2	58.8#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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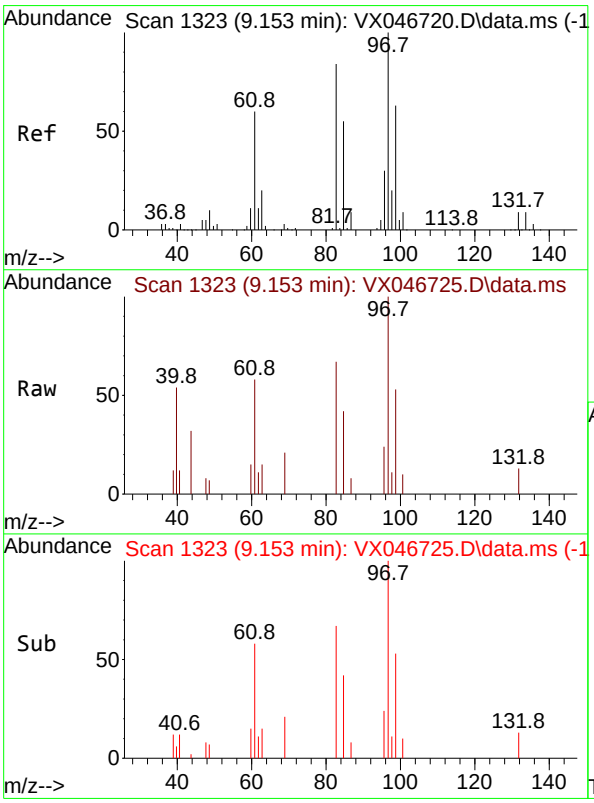
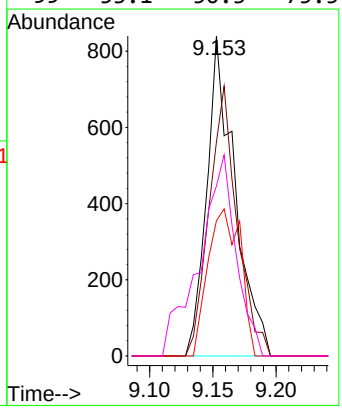
Supervised By :Mahesh Dadoda 06/18/2025

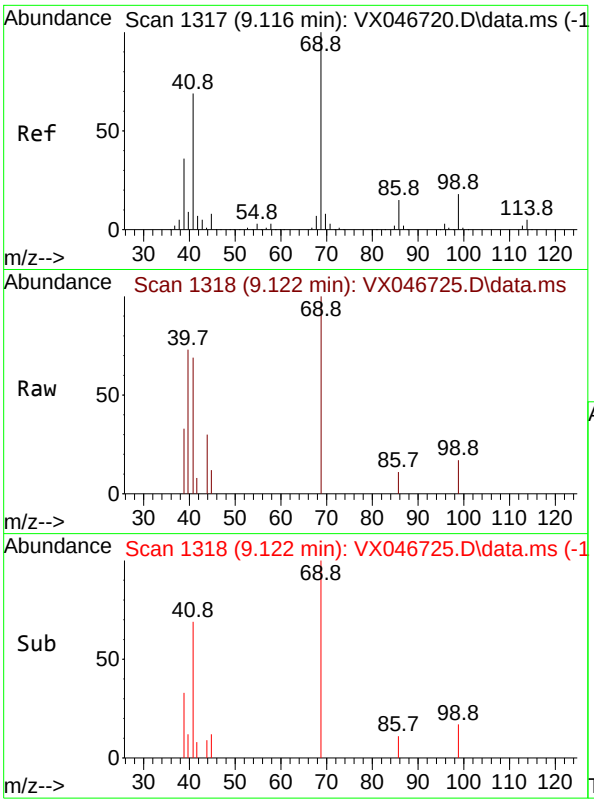


#55
1,1,2-Trichloroethane
Concen: 0.878 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 97 Resp: 1297

Ion	Ratio	Lower	Upper
97	100		
83	66.9	67.2	100.8#
85	42.3	44.1	66.1#
99	53.1	50.3	75.5

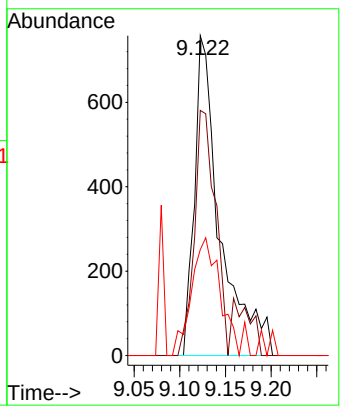




#56
Ethyl methacrylate
Concen: 0.678 ug/l
RT: 9.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 69 Resp: 147

Ion	Ratio	Lower	Upper
69	100		
41	63.2	55.4	83.2
39	41.0	29.7	44.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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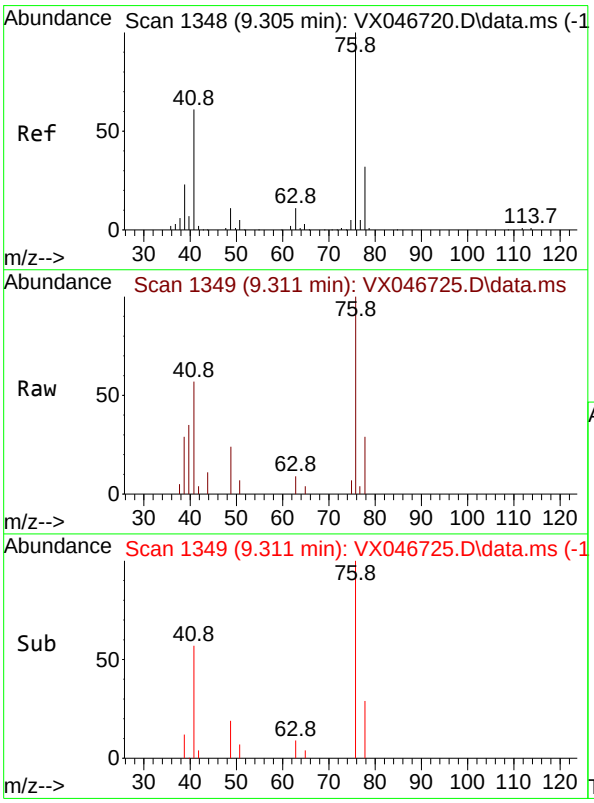
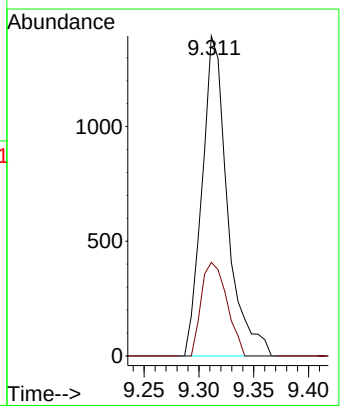
Supervised By :Mahesh Dadoda 06/18/2025

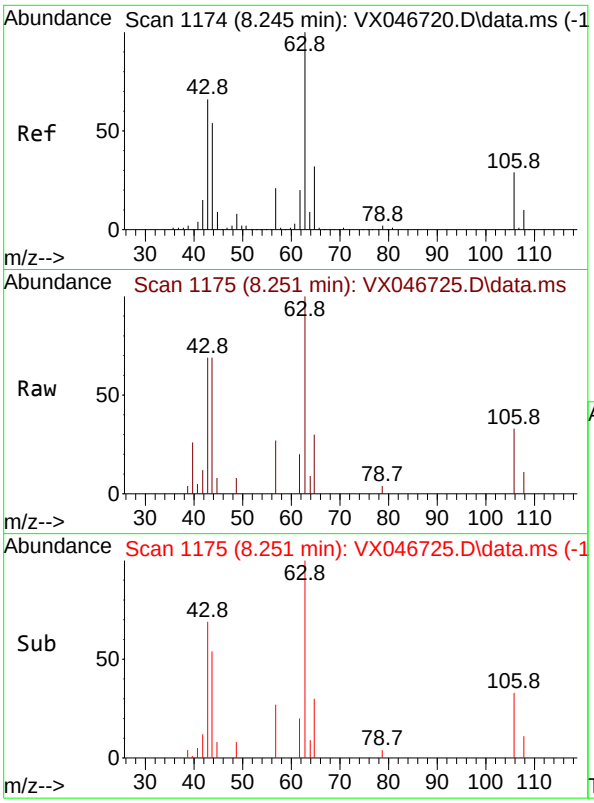


#57
1,3-Dichloropropane
Concen: 0.885 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 76 Resp: 2249

Ion	Ratio	Lower	Upper
76	100		
78	29.5	25.7	38.5





#58
2-Chloroethyl Vinyl ether
Concen: 3.337 ug/l
RT: 8.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 63 Resp: 377

Ion	Ratio	Lower	Upper
63	100		
106	24.2	22.6	34.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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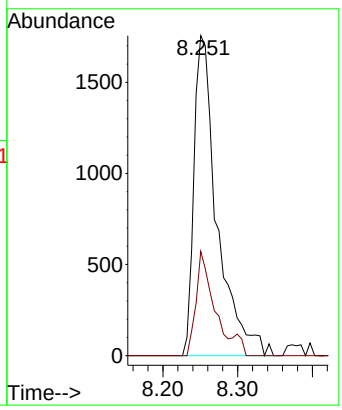
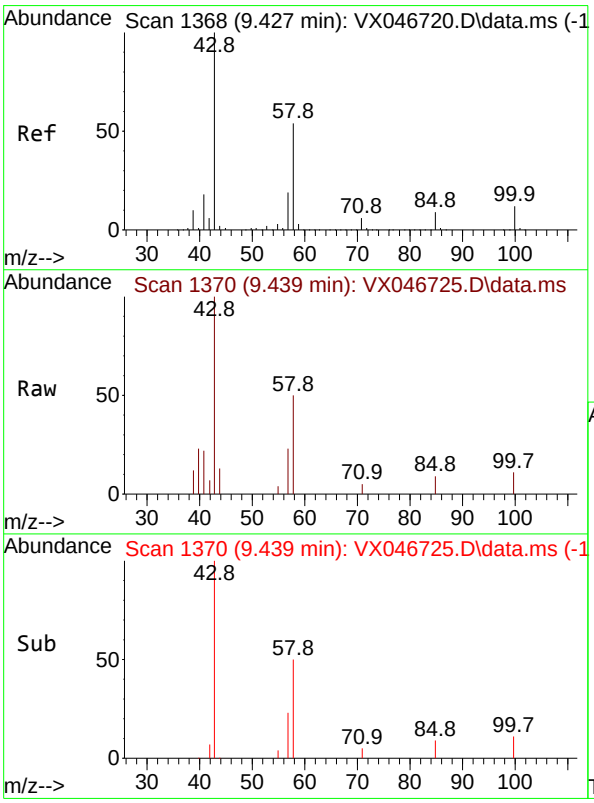
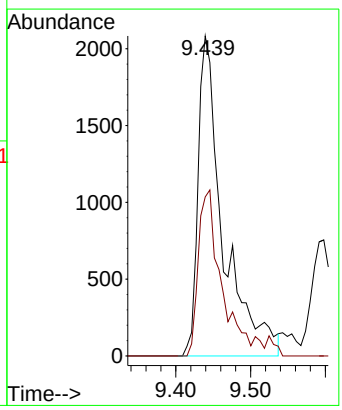


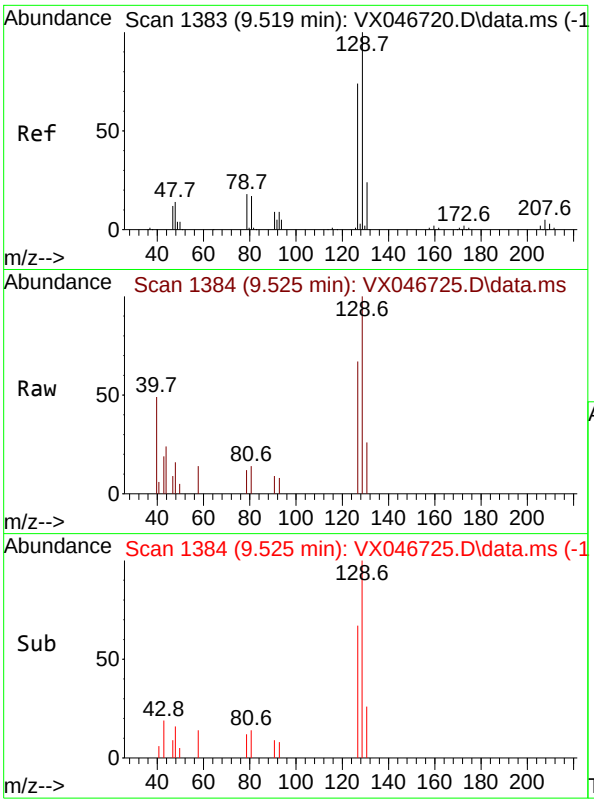


#59
2-Hexanone
Concen: 3.758 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 43 Resp: 4833

Ion	Ratio	Lower	Upper
43	100		
58	49.0	26.8	80.4

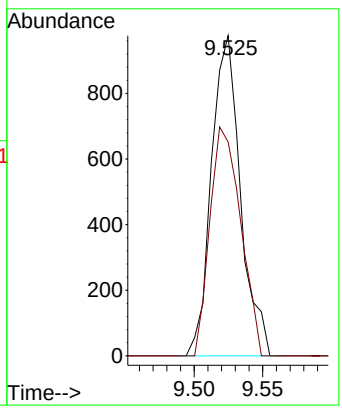




#60
Dibromochloromethane
Concen: 0.825 ug/l
RT: 9.525 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:129 Resp: 143

Ion	Ratio	Lower	Upper
129	100		
127	75.8	38.4	115.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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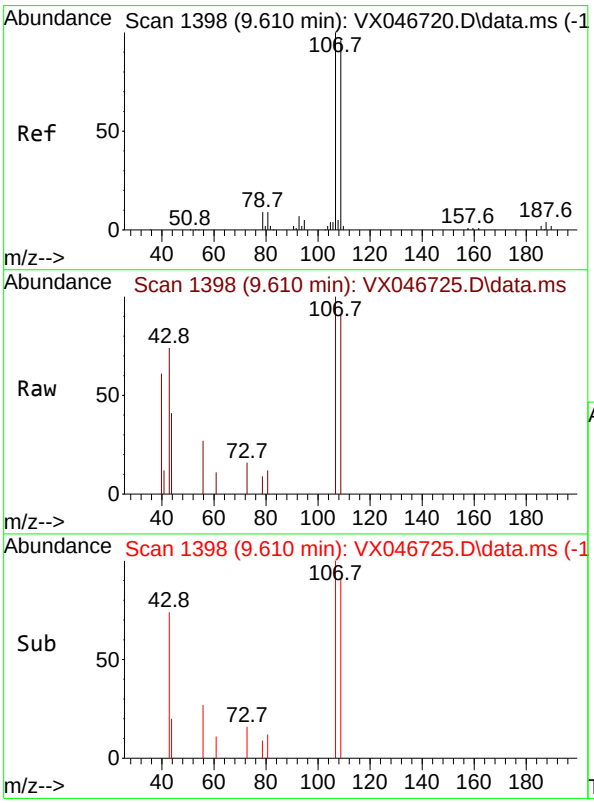
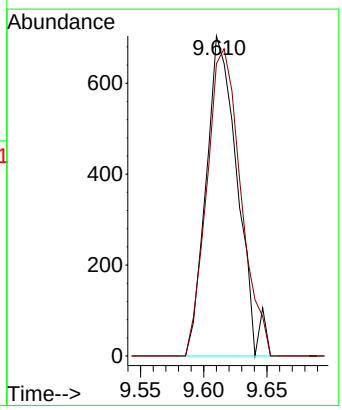
Supervised By :Mahesh Dadoda 06/18/2025

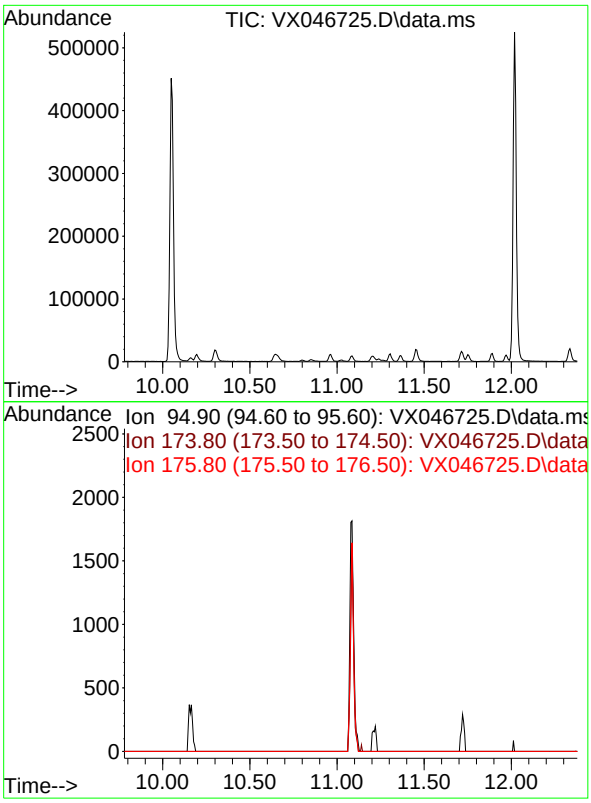


#61
1,2-Dibromoethane
Concen: 0.805 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:107 Resp: 1209

Ion	Ratio	Lower	Upper
107	100		
109	104.6	75.8	113.6





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.08 min

Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	75.2
176	72.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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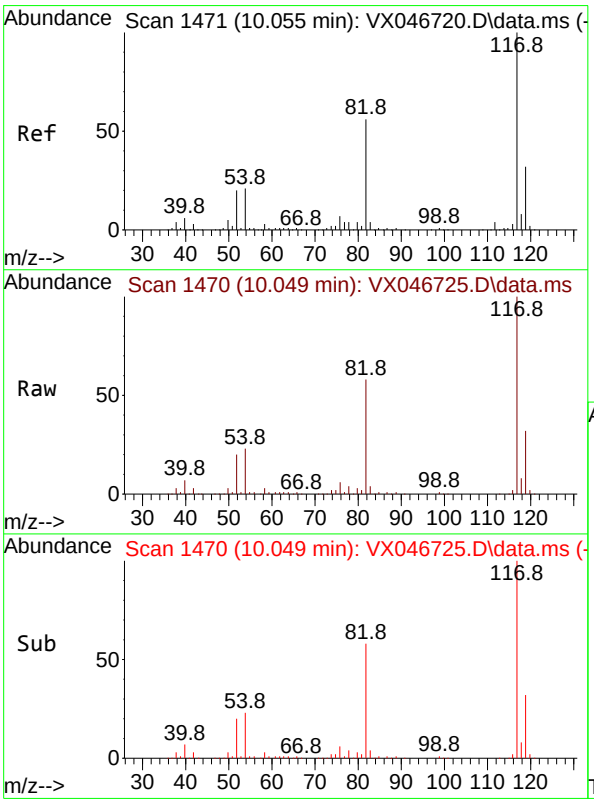
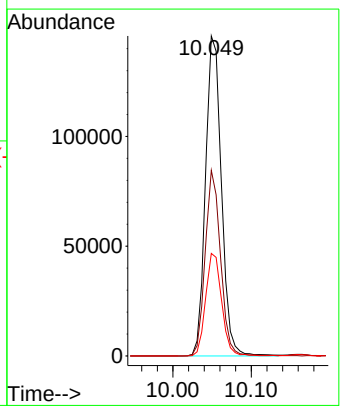
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

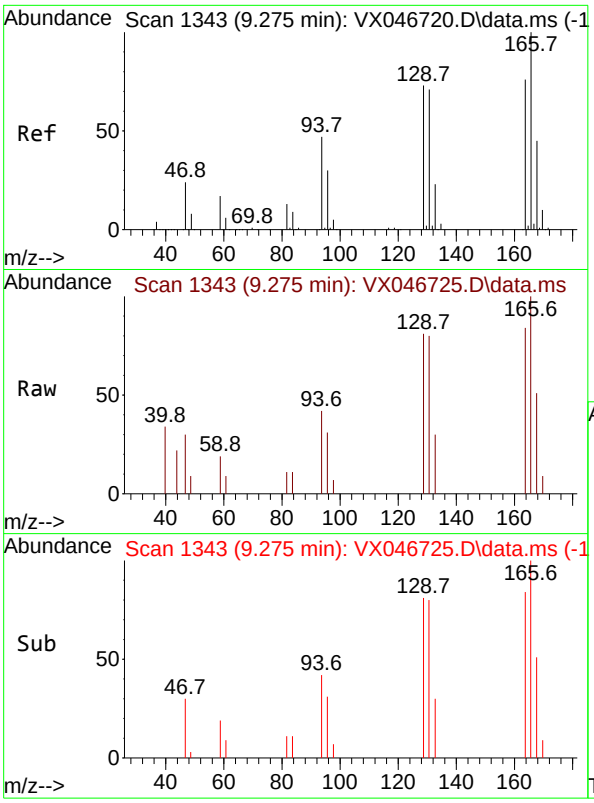


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:117 Resp: 205370

Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.6	66.8
119	32.1	25.8	38.8

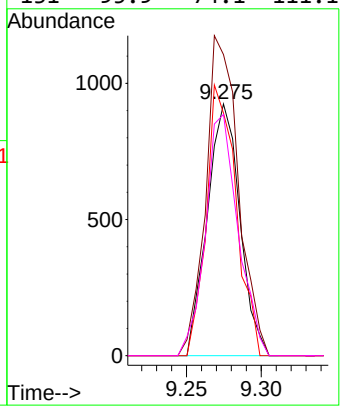




#64
Tetrachloroethene
Concen: 0.983 ug/l
RT: 9.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:164 Resp: 139

Ion	Ratio	Lower	Upper
164	100		
166	119.7	104.6	157.0
129	96.4	76.3	114.5
131	95.9	74.1	111.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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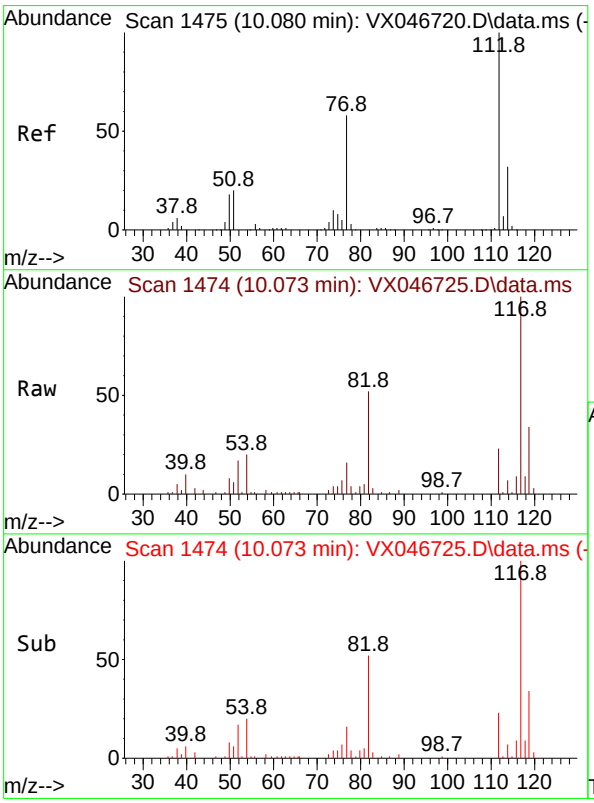
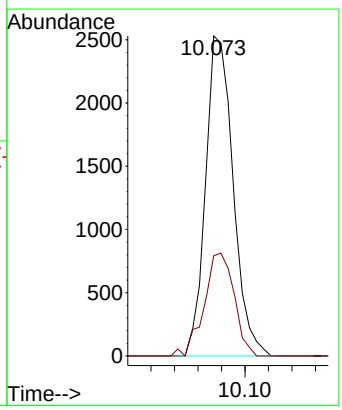
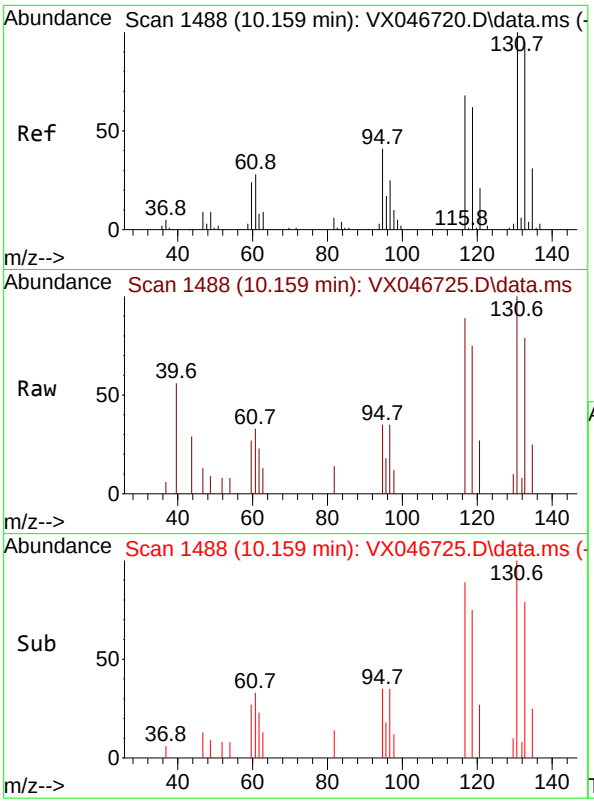


#65
Chlorobenzene
Concen: 0.910 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:112 Resp: 4127

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.5	38.3





#66
1,1,1,2-Tetrachloroethane
Concen: 0.815 ug/l
RT: 10.159 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:131 Resp: 124

Ion	Ratio	Lower	Upper
131	100		
133	89.0	47.3	141.8
119	0.0	32.1	96.3#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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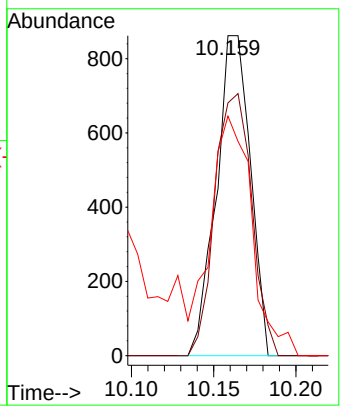
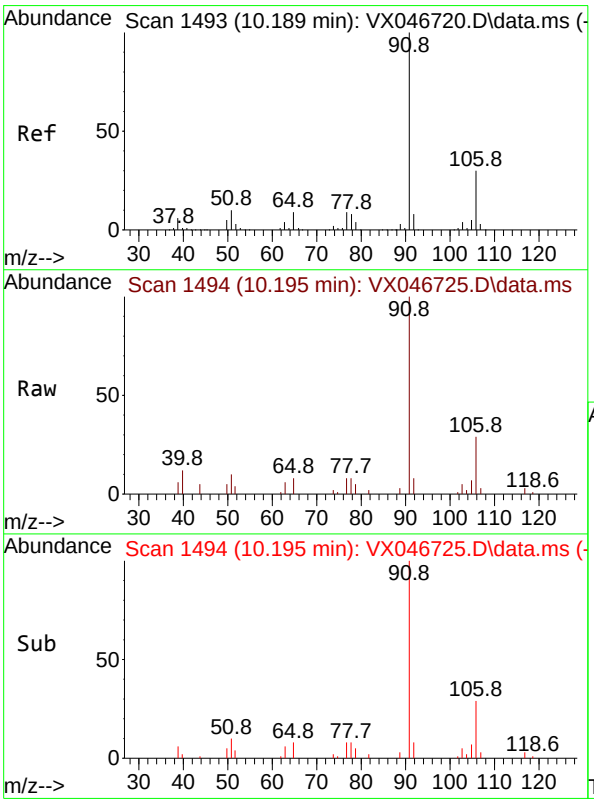
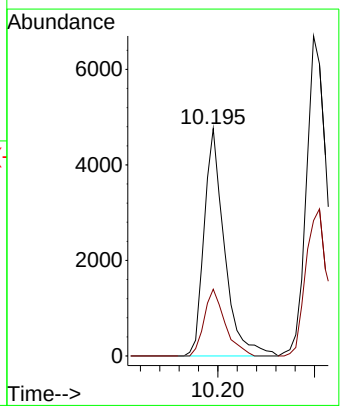


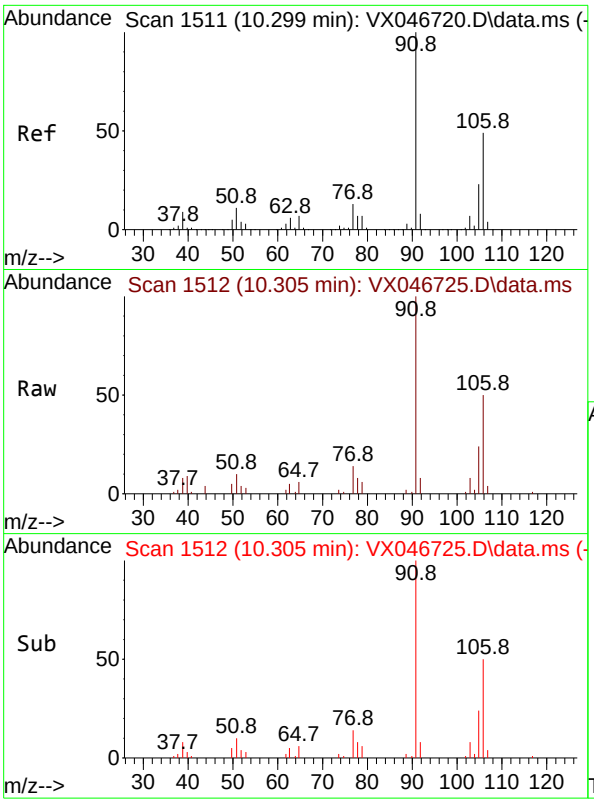


#67
Ethyl Benzene
Concen: 0.880 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 91 Resp: 6967

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.2	36.2





#68
m/p-Xylenes
Concen: 1.767 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:106 Resp: 521

Ion	Ratio	Lower	Upper
106	100		
91	202.7	164.8	247.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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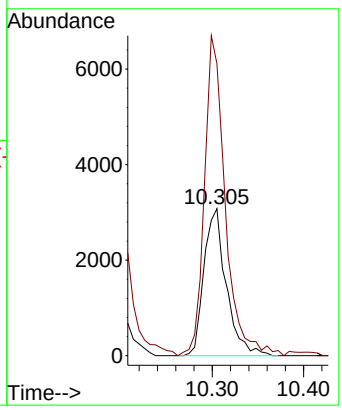
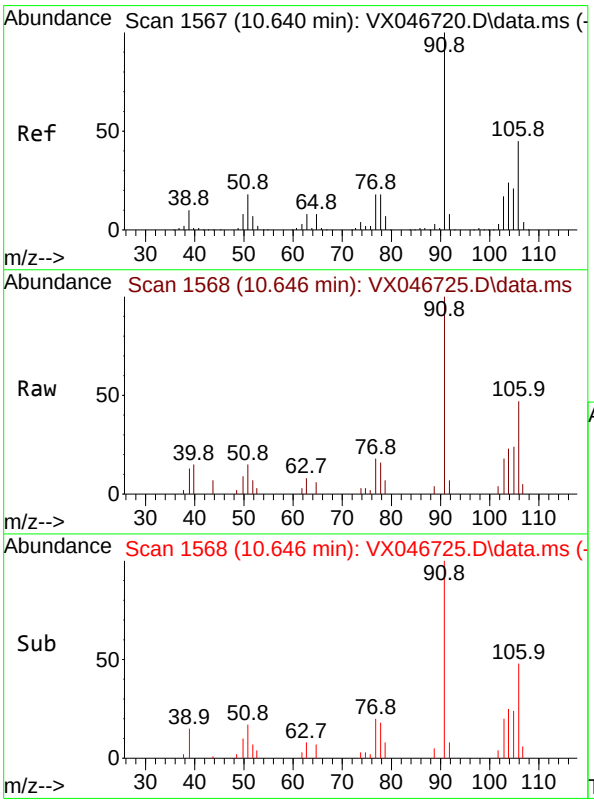
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

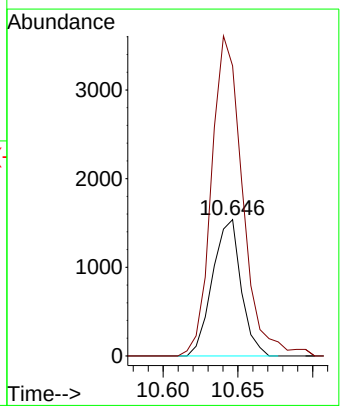


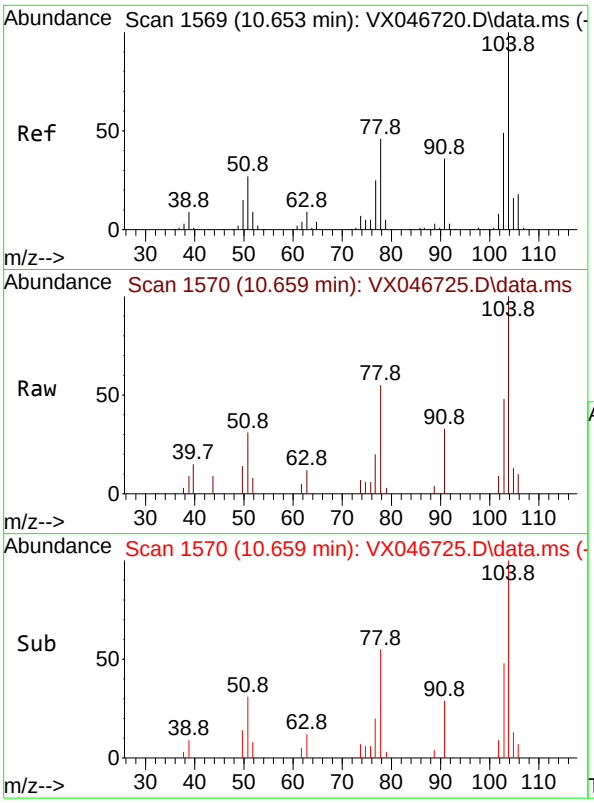


#69
o-Xylene
Concen: 0.739 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:106 Resp: 2045

Ion	Ratio	Lower	Upper
106	100		
91	255.0	111.3	333.9

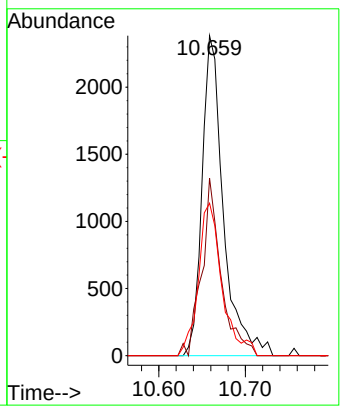




#70
Styrene
Concen: 0.842 ug/l
RT: 10.659 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:104 Resp: 407

Ion	Ratio	Lower	Upper
104	100		
78	50.7	41.4	62.2
103	52.8	43.1	64.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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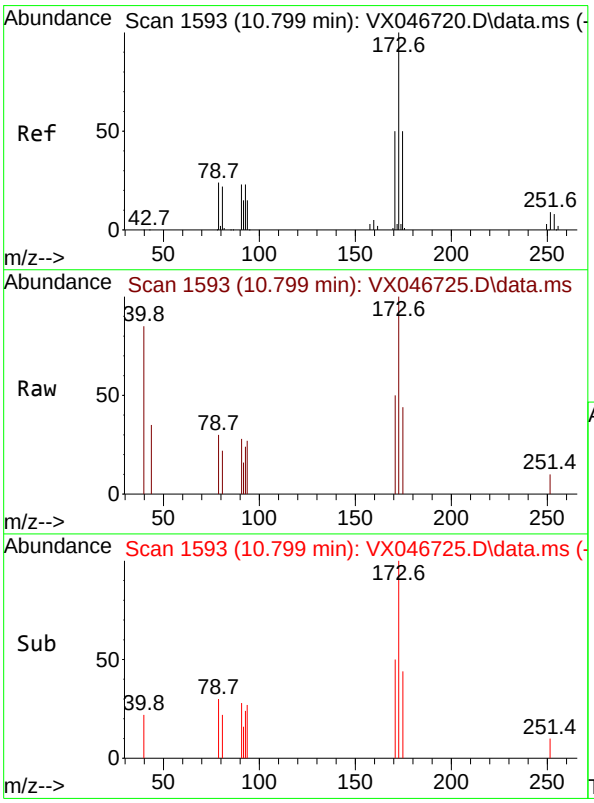
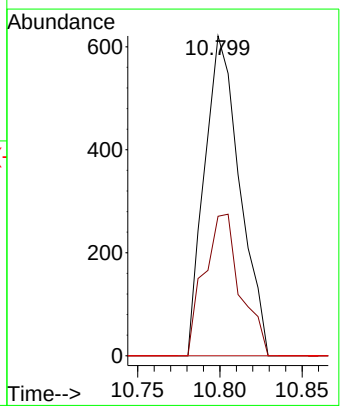
Supervised By :Mahesh Dadoda 06/18/2025

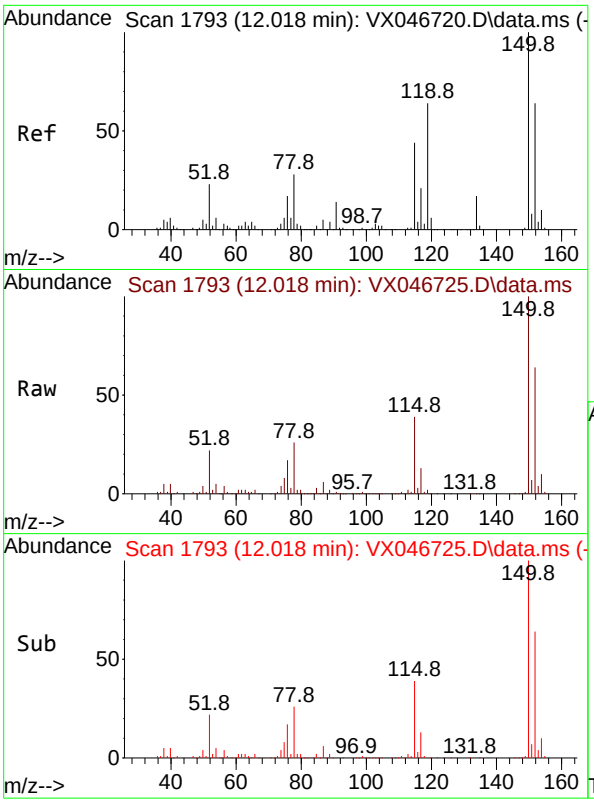


#71
Bromoform
Concen: 0.799 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:173 Resp: 927

Ion	Ratio	Lower	Upper
173	100		
175	45.4	24.1	72.4
254	0.0	0.1	0.1#

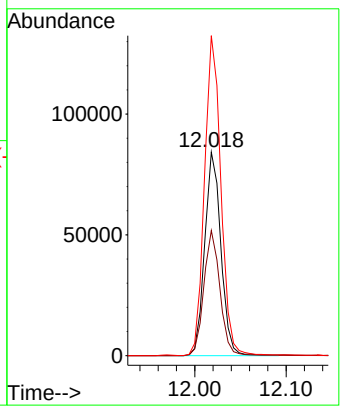




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:152 Resp: 10359

Ion	Ratio	Lower	Upper
152	100		
115	61.3	43.2	129.6
150	159.2	0.0	346.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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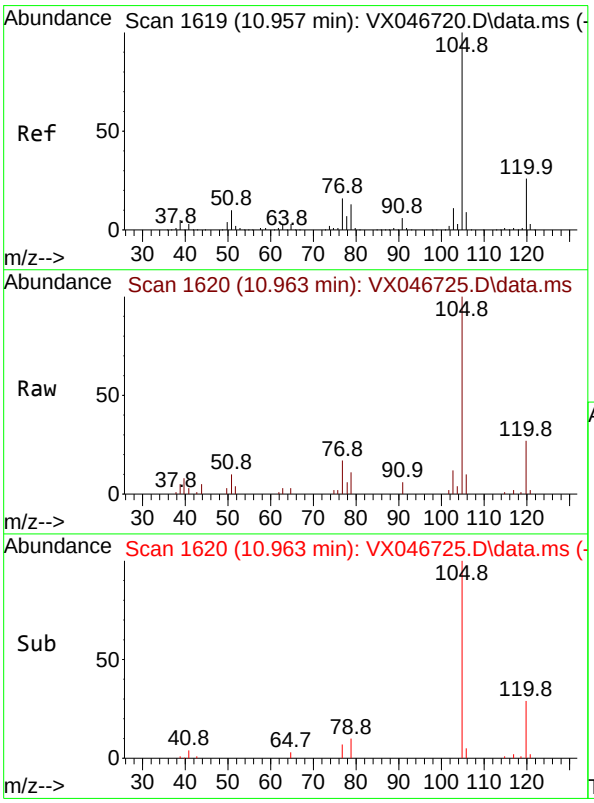
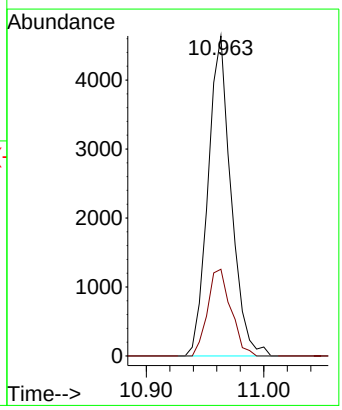
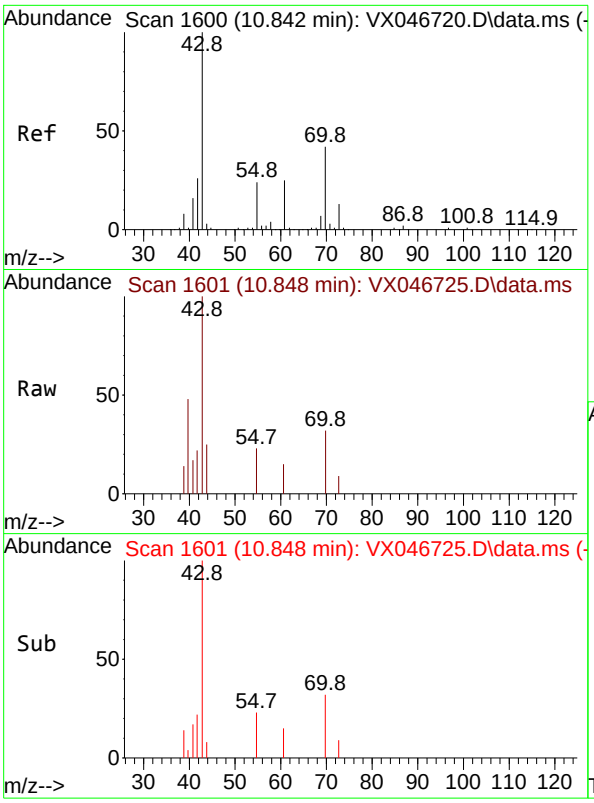


#73
Isopropylbenzene
Concen: 0.828 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:105 Resp: 6314

Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.0	39.0

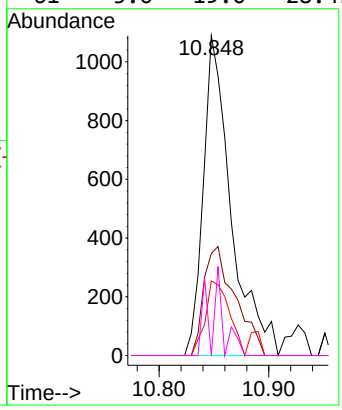




#74
N-amyl acetate
Concen: 0.665 ug/l
RT: 10.848 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 43 Resp: 192

Ion	Ratio	Lower	Upper
43	100		
70	38.4	33.4	50.0
55	20.1	19.1	28.7
61	5.0	19.0	28.4#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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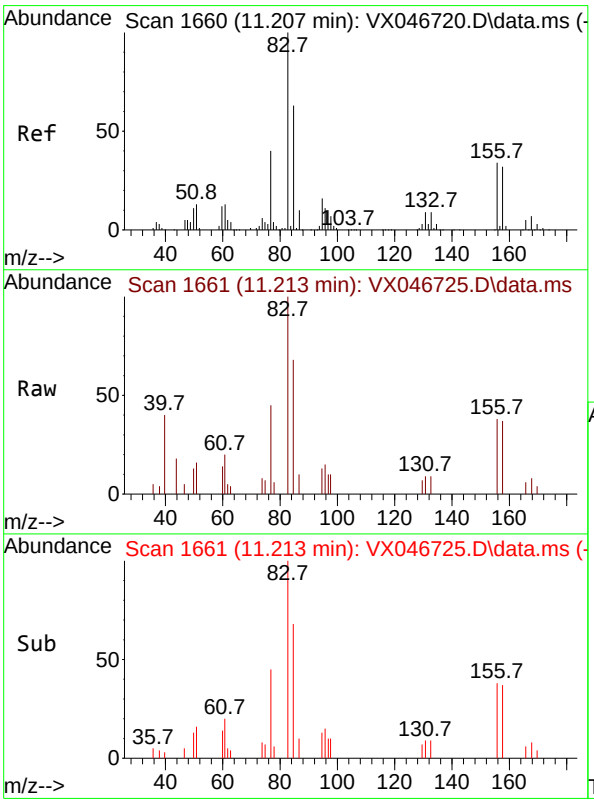
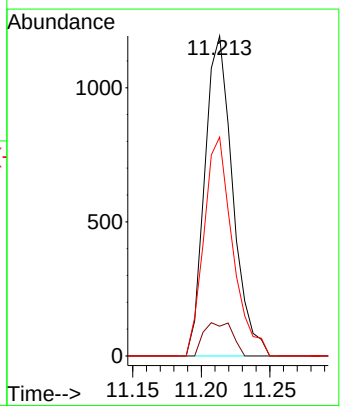
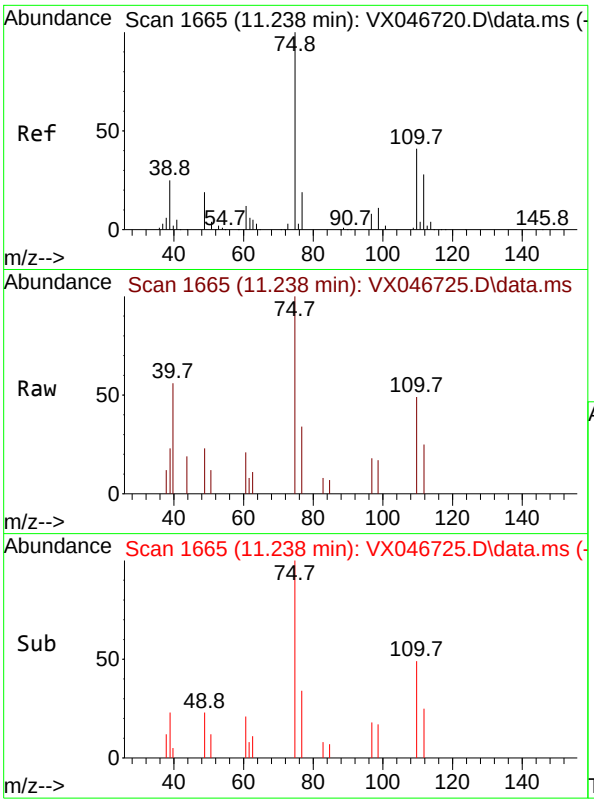


#75
1,1,2,2-Tetrachloroethane
Concen: 0.793 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 83 Resp: 1690

Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.9	14.6
85	70.3	32.0	96.0

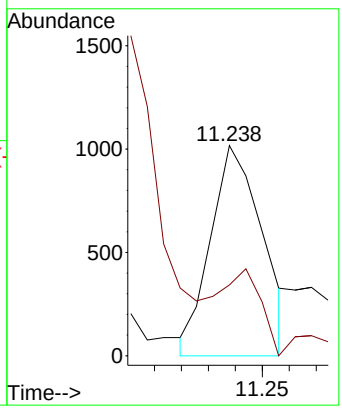




#76
1,2,3-Trichloropropane
Concen: 0.640 ug/l m
RT: 11.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 75 Resp: 134

Ion	Ratio	Lower	Upper
75	100		
77	30.3	18.5	55.5



Instrument :
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ClientSampleId :
VSTDICC001

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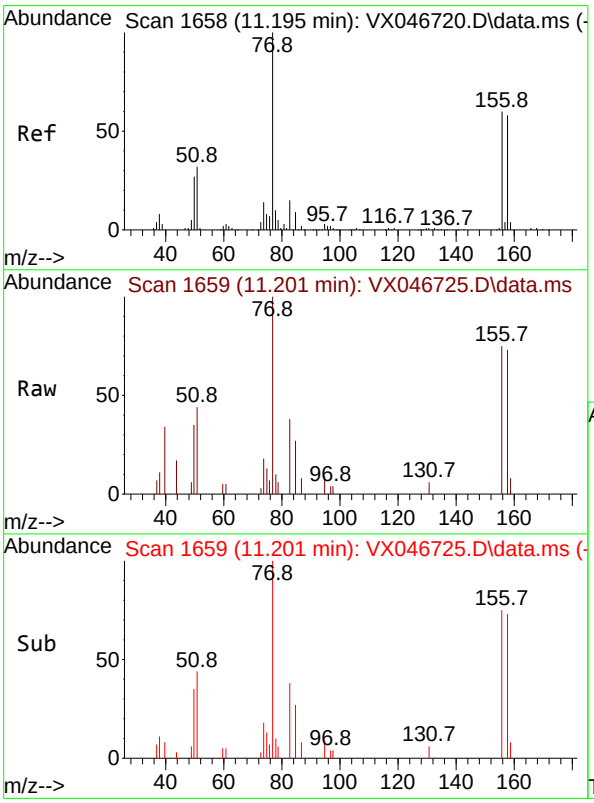
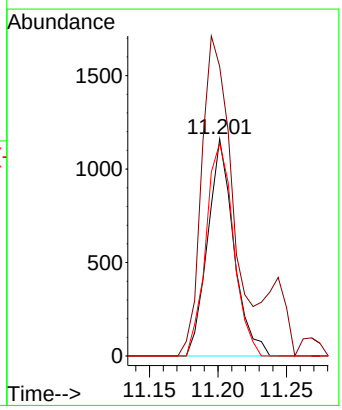
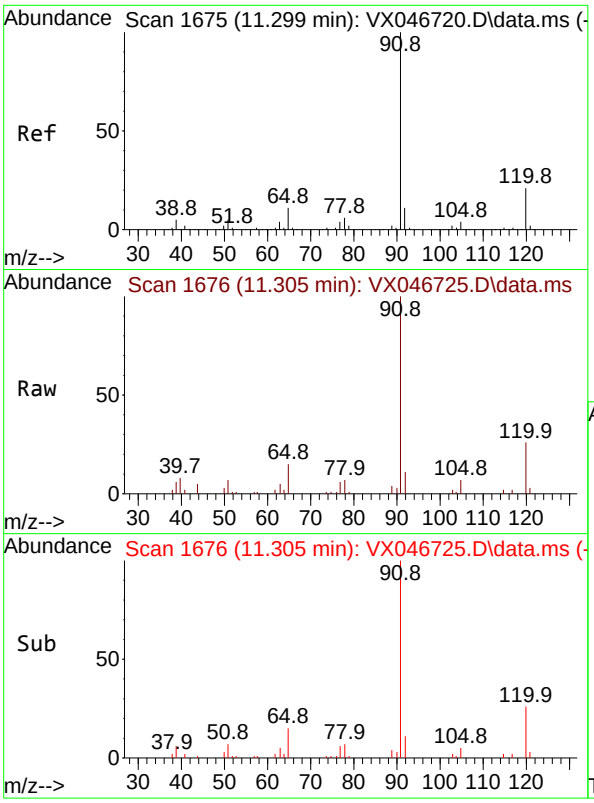


#77
Bromobenzene
Concen: 0.839 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:156 Resp: 1541

Ion	Ratio	Lower	Upper
156	100		
77	169.3	82.8	248.6
158	103.2	47.6	142.9

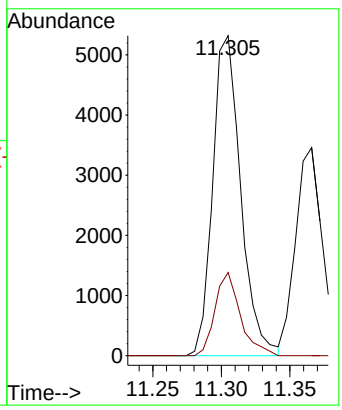




#78
n-propylbenzene
Concen: 0.833 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 91 Resp: 754

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.4	34.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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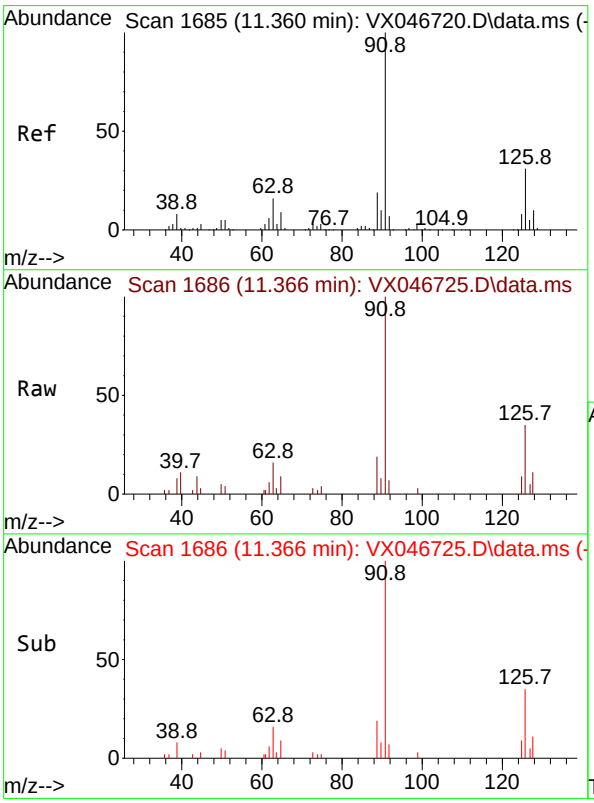
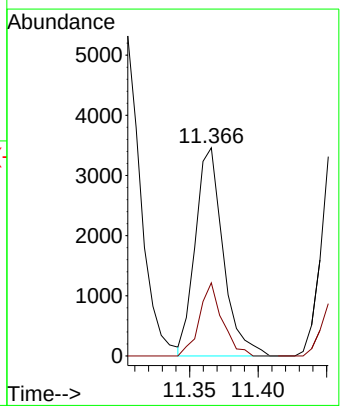
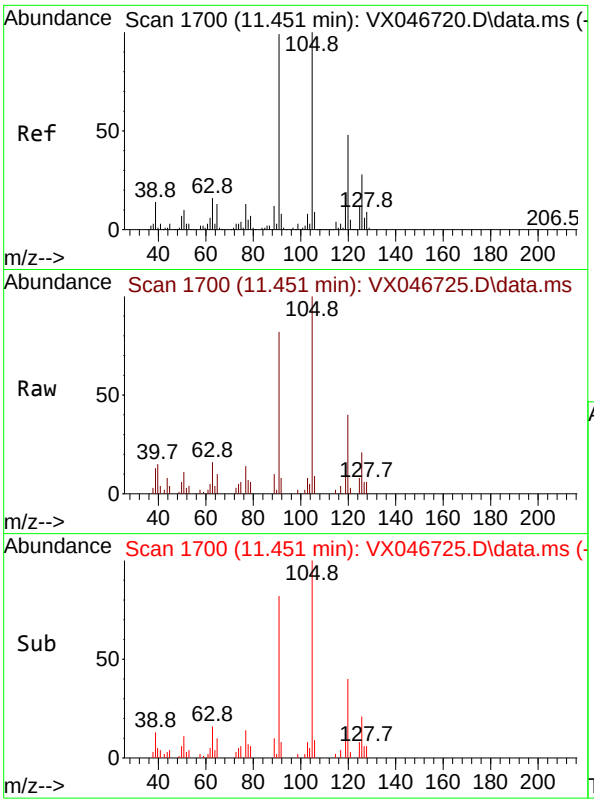


#79
2-Chlorotoluene
Concen: 0.905 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 91 Resp: 4896

Ion	Ratio	Lower	Upper
91	100		
126	28.9	16.6	49.7





#80
1,3,5-Trimethylbenzene
Concen: 0.825 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:105 Resp: 517

Ion	Ratio	Lower	Upper
105	100		
120	44.2	24.1	72.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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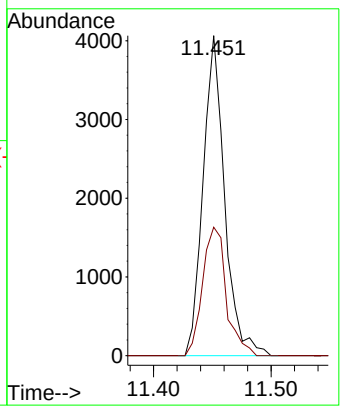
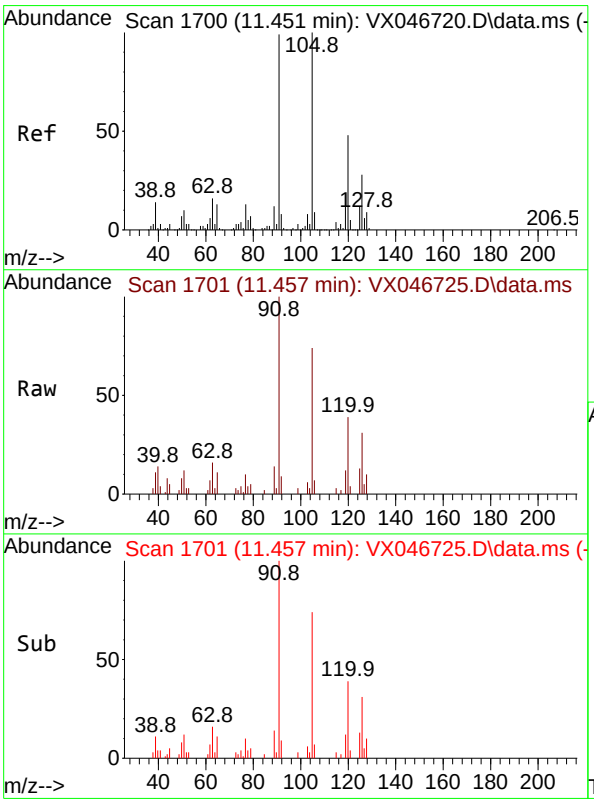
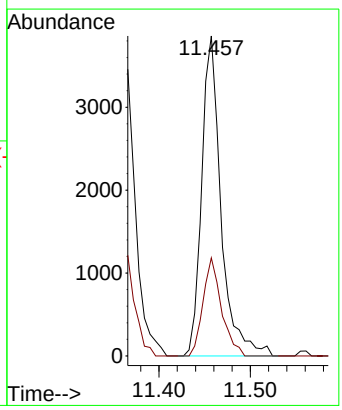


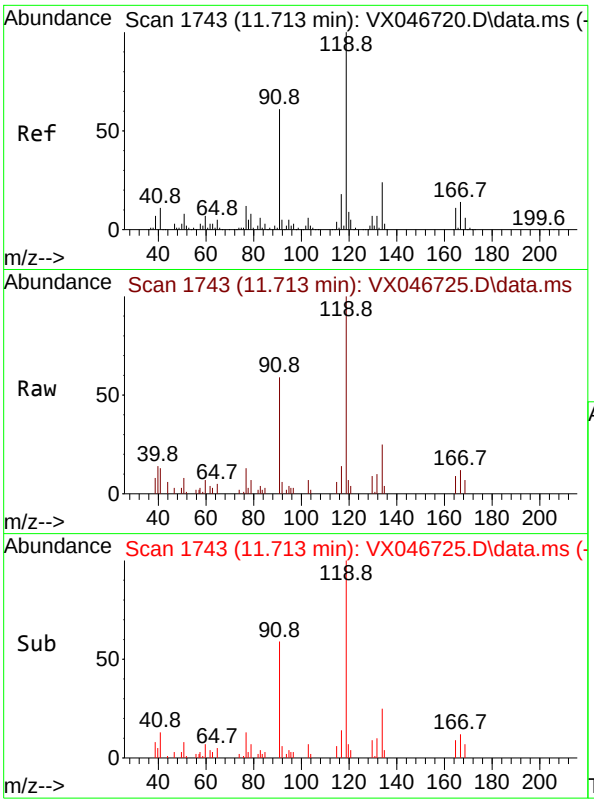


#82
4-Chlorotoluene
Concen: 0.897 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 91 Resp: 5664

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.4	43.2

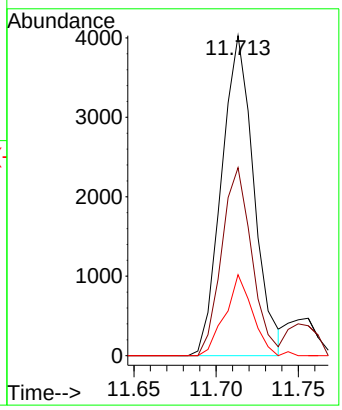




#83
tert-Butylbenzene
Concen: 0.850 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:119 Resp: 550

Ion	Ratio	Lower	Upper
119	100		
91	55.1	29.5	88.6
134	21.6	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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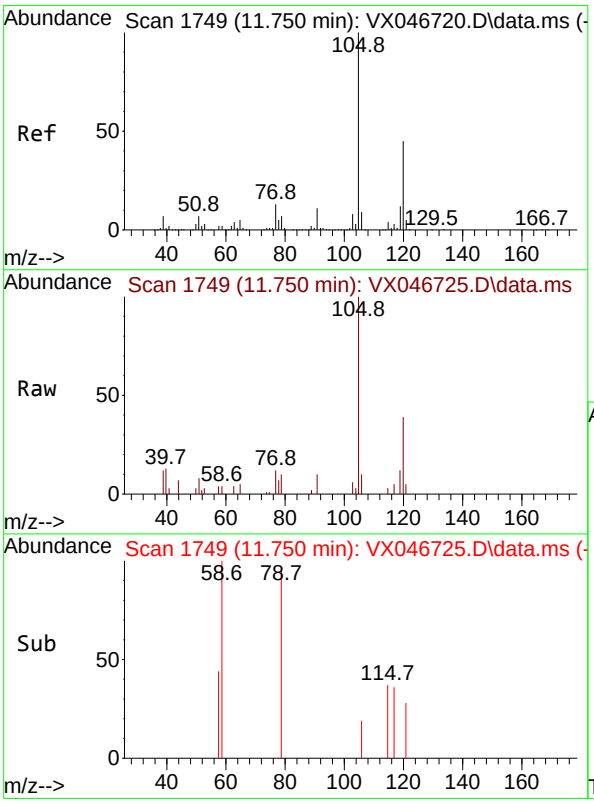
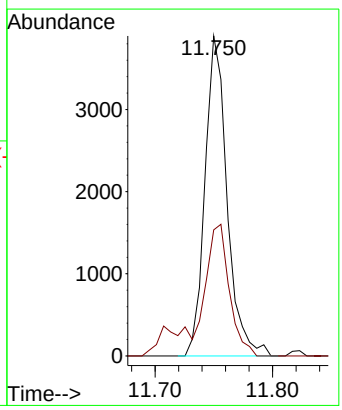
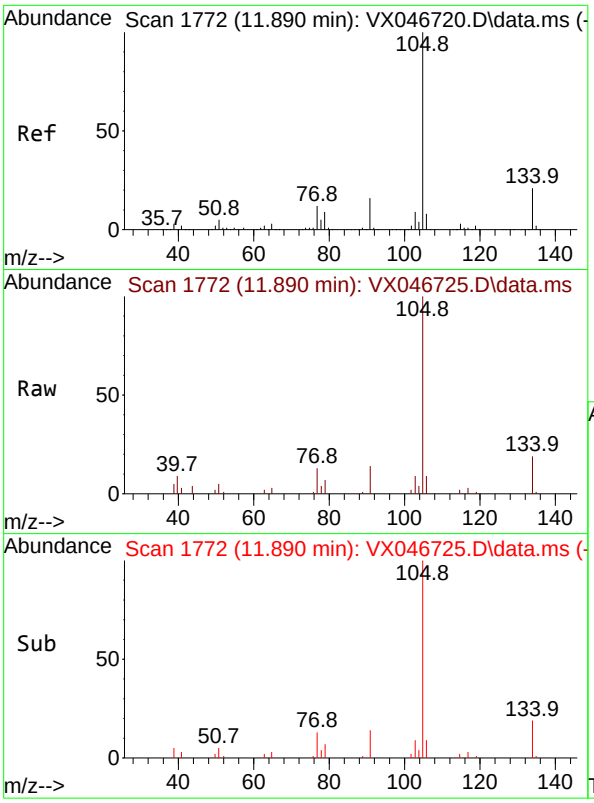


#84
1,2,4-Trimethylbenzene
Concen: 0.808 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:105 Resp: 5087

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.3

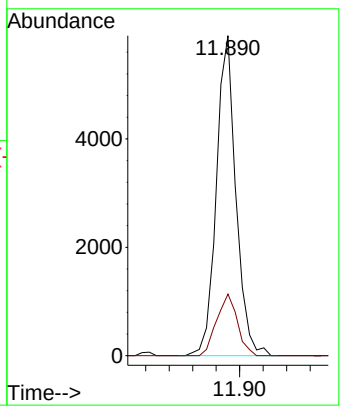




#85
sec-Butylbenzene
Concen: 0.835 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:105 Resp: 683

Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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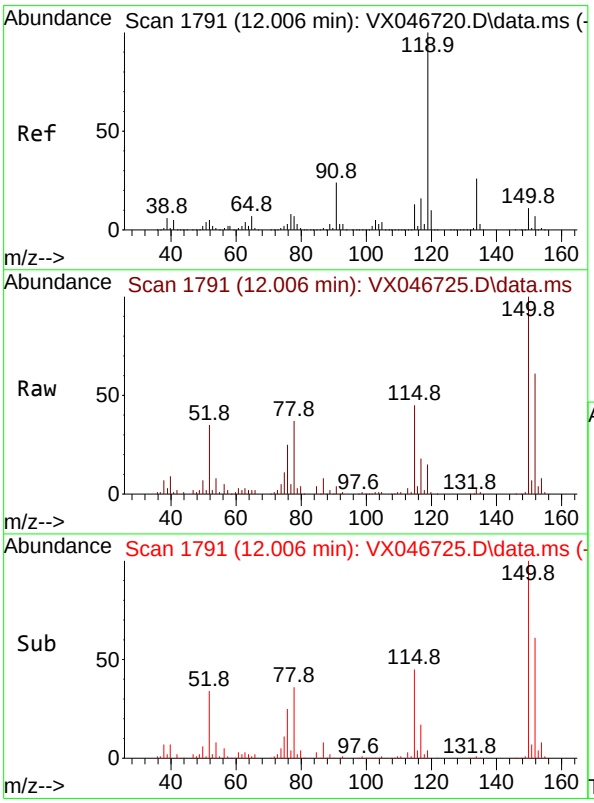
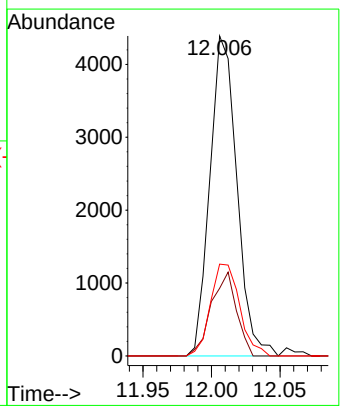
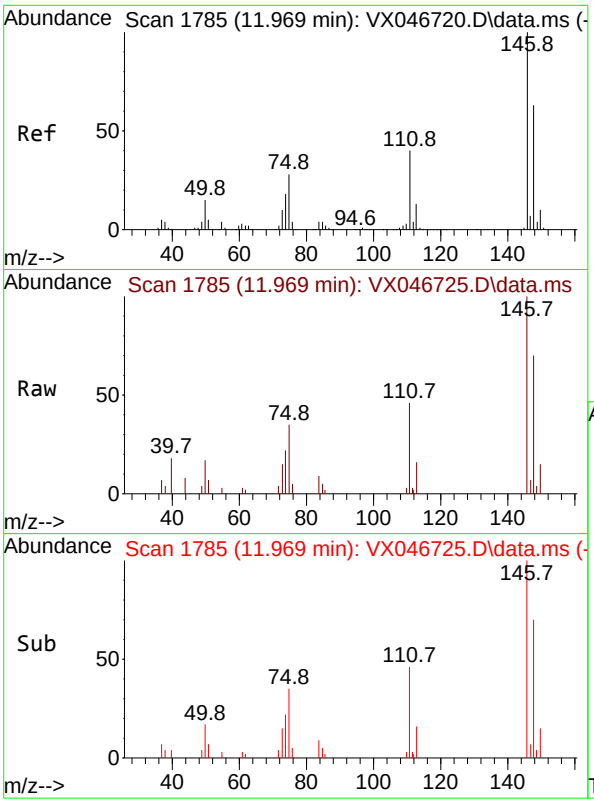


#86
p-Isopropyltoluene
Concen: 0.871 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:119 Resp: 6018

Ion	Ratio	Lower	Upper
119	100		
134	24.5	12.9	38.7
91	31.1	12.3	36.9

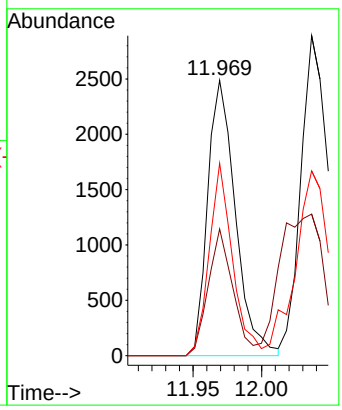




#87
1,3-Dichlorobenzene
Concen: 0.980 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:146 Resp: 350

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	58.8	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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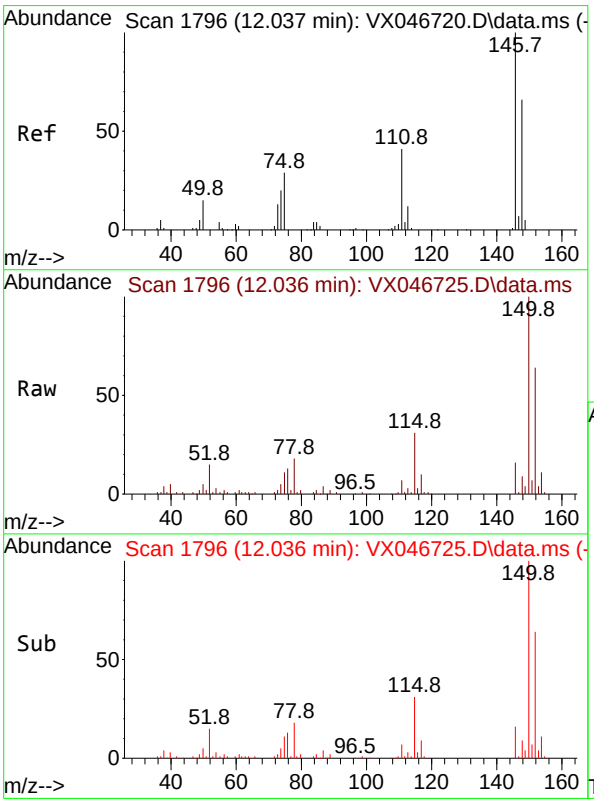
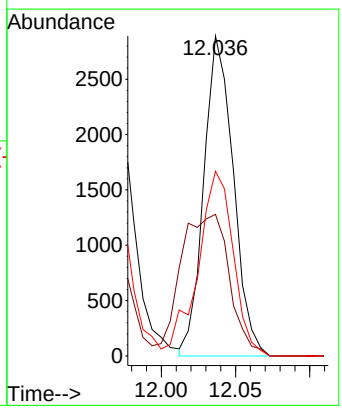
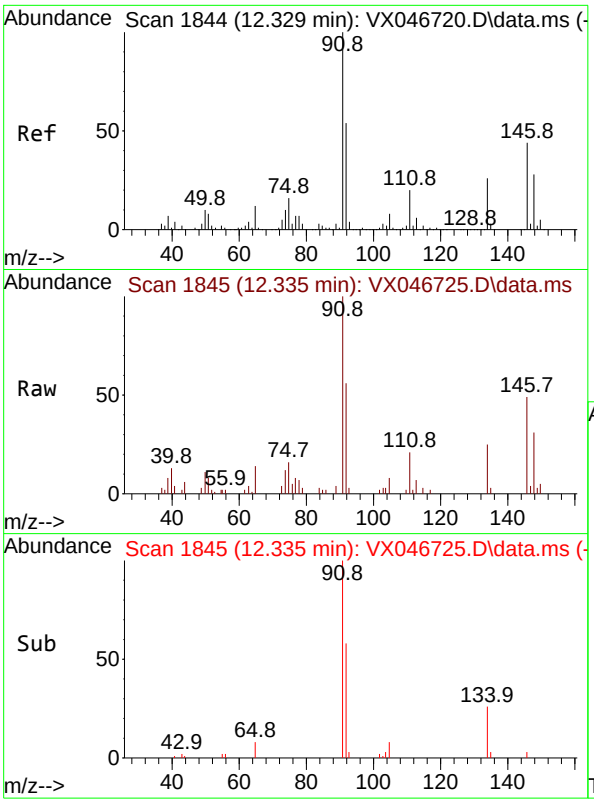


#88
1,4-Dichlorobenzene
Concen: 1.089 ug/l m
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:146 Resp: 4003

Ion	Ratio	Lower	Upper
146	100		
111	35.8	20.3	61.0
148	51.6	32.1	96.5

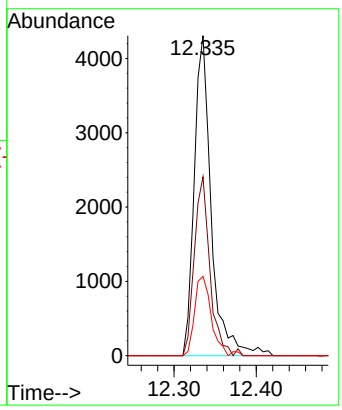




#89
n-Butylbenzene
Concen: 0.943 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 91 Resp: 618

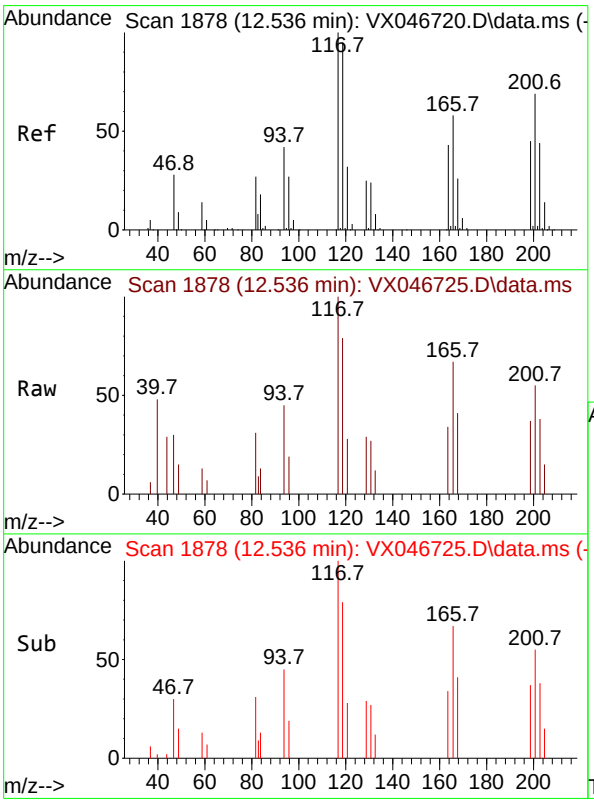
Ion	Ratio	Lower	Upper
91	100		
92	51.3	27.1	81.3
134	24.5	12.9	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

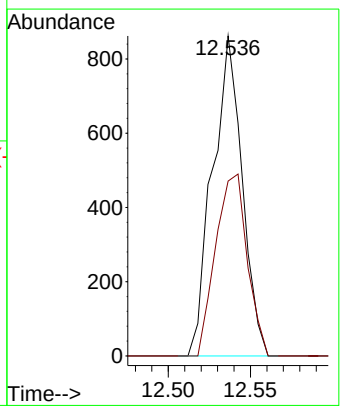
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

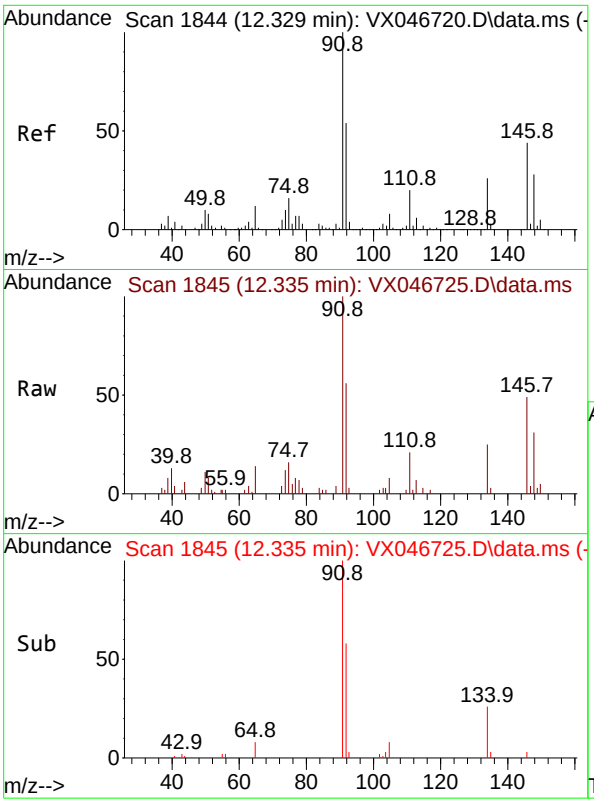


#90
Hexachloroethane
Concen: 0.893 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:117 Resp: 1081

Ion	Ratio	Lower	Upper
117	100		
201	60.5	34.4	103.3

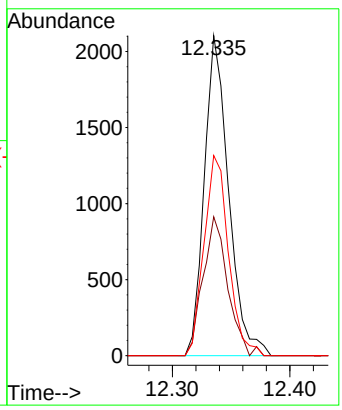




#91
1,2-Dichlorobenzene
Concen: 0.904 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:146 Resp: 302

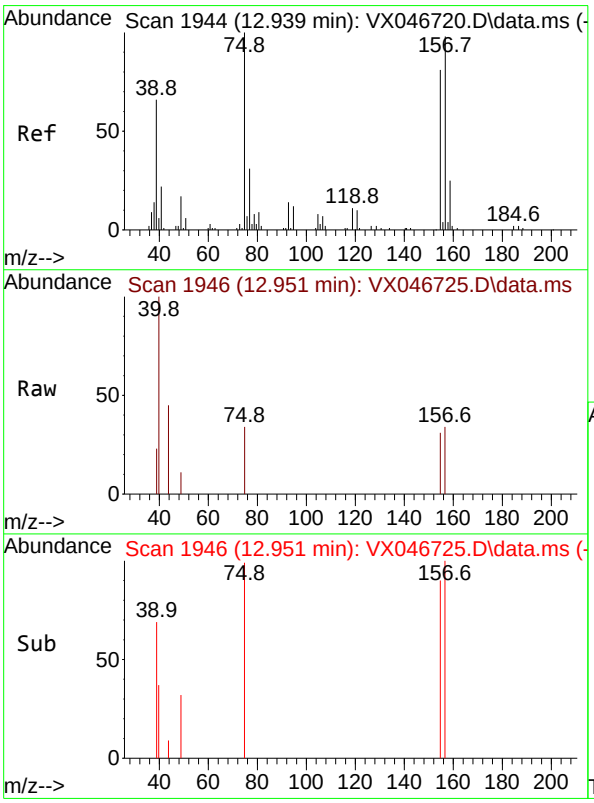
Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.7	65.1
148	63.1	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

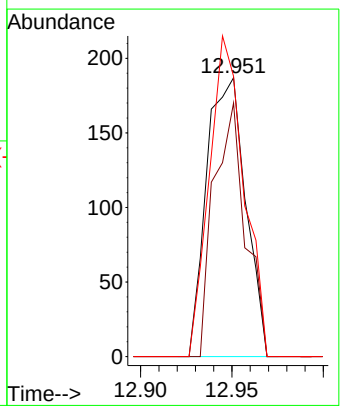
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

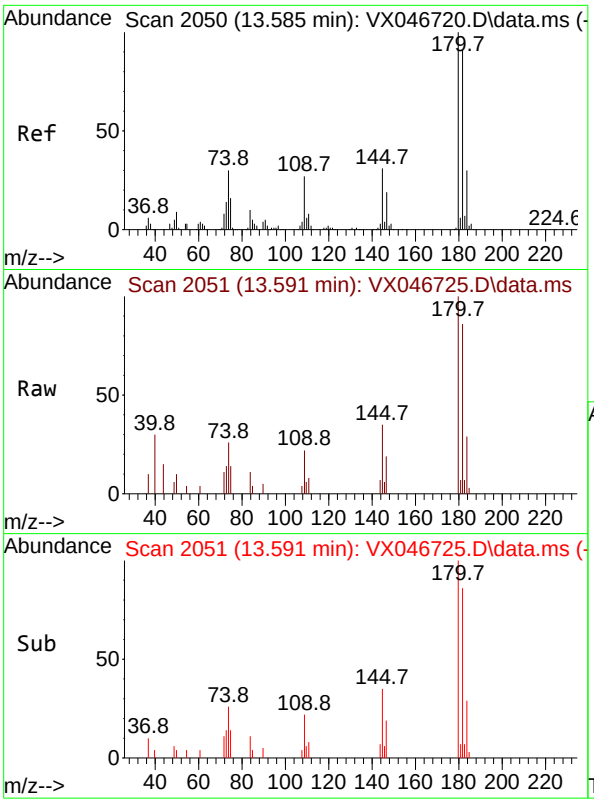


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.659 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 75 Resp: 277

Ion	Ratio	Lower	Upper
75	100		
155	73.6	41.9	125.7
157	102.5	51.4	154.3

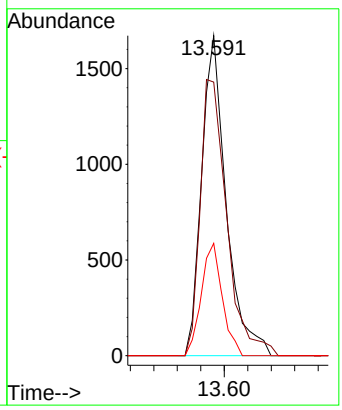




#93
1,2,4-Trichlorobenzene
Concen: 1.019 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:180 Resp: 242

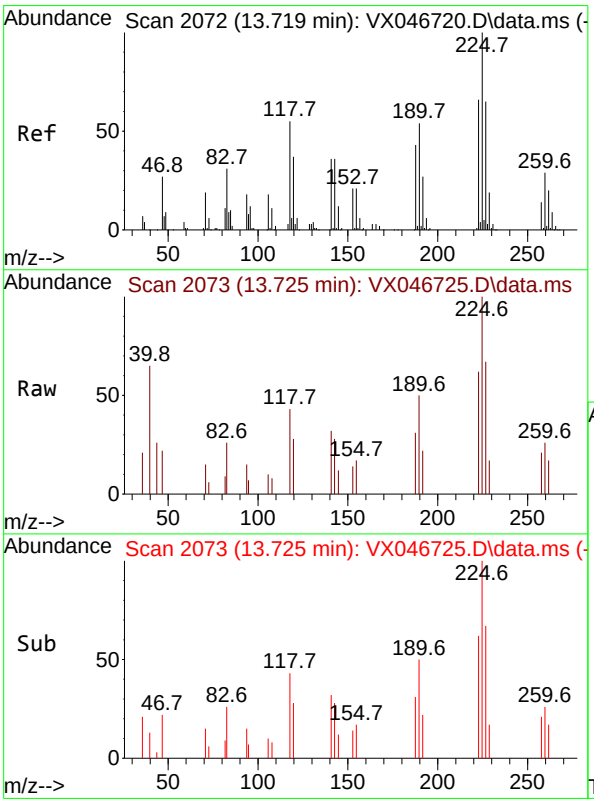
Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.7	140.1
145	30.0	15.8	47.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

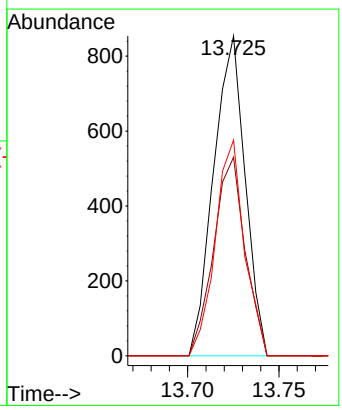
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

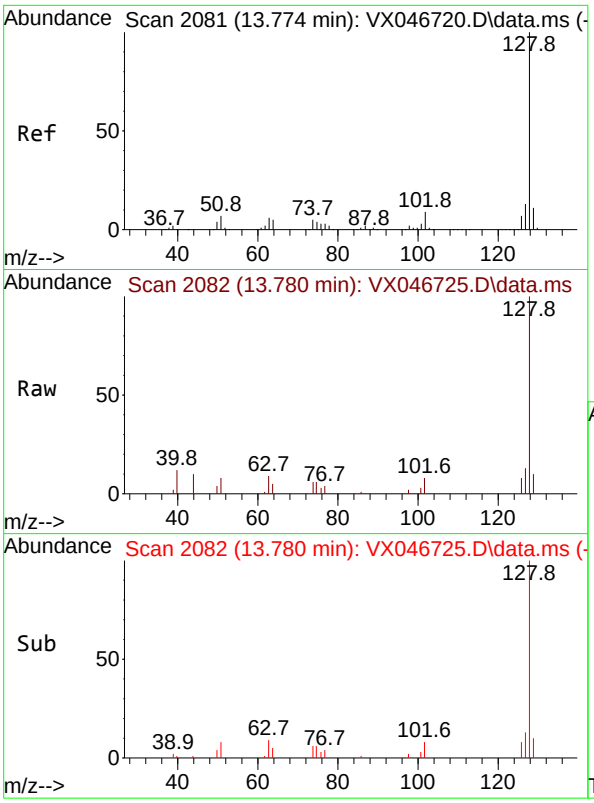


#94
Hexachlorobutadiene
Concen: 1.025 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:225 Resp: 1025

Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.5	97.5
227	62.4	32.2	96.6





#95
Naphthalene
Concen: 0.806 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

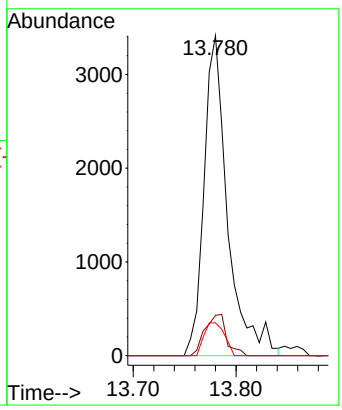
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

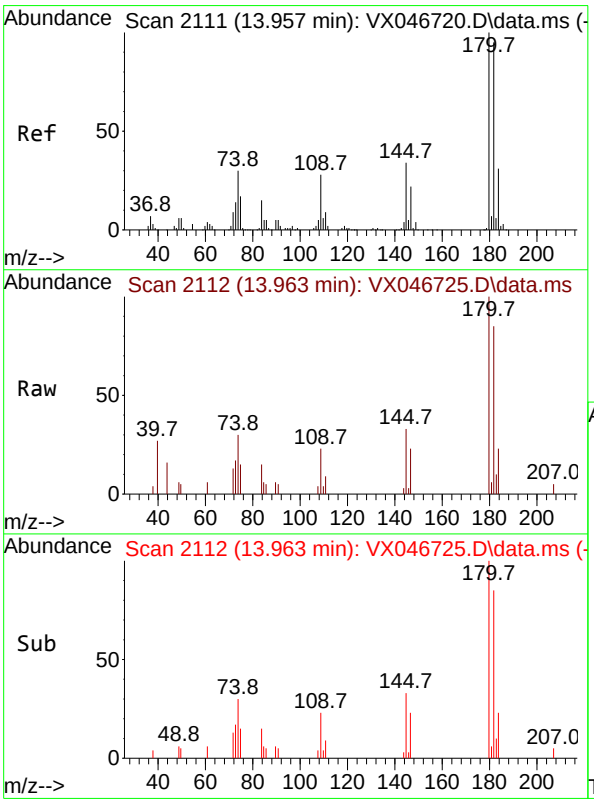
Tgt Ion:128 Resp: 546

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.1	15.1
129	8.9	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

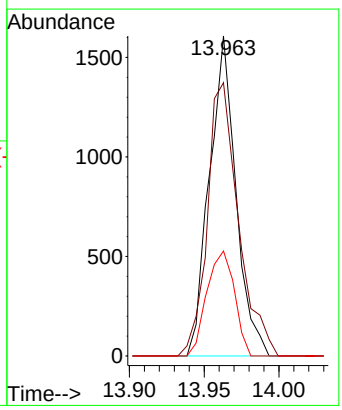




#96
1,2,3-Trichlorobenzene
Concen: 0.871 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:180 Resp: 1982

Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.8	143.4
145	34.1	17.3	51.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	129144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	209541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81629	45.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.400%			
35) Dibromofluoromethane	5.397	113	66647	48.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.140%			
50) Toluene-d8	8.647	98	236781	47.537	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.080%			
62) 4-Bromofluorobenzene	11.079	95	88588	47.712	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	75554	54.798	ug/l	100
3) Chloromethane	1.307	50	76483	51.393	ug/l	99
4) Vinyl Chloride	1.386	62	82156	51.768	ug/l	95
5) Bromomethane	1.618	94	48957	54.831	ug/l	96
6) Chloroethane	1.703	64	49931	51.911	ug/l	99
7) Trichlorofluoromethane	1.904	101	123768	51.363	ug/l	98
8) Diethyl Ether	2.148	74	42437	51.316	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	75525	51.089	ug/l	99
10) Methyl Iodide	2.465	142	84139	45.861	ug/l	99
11) Tert butyl alcohol	2.959	59	40385	251.888	ug/l	100
12) 1,1-Dichloroethene	2.337	96	74097	51.945	ug/l	99
13) Acrolein	2.246	56	59544	254.972	ug/l	99
14) Allyl chloride	2.678	41	131610	50.922	ug/l	99
15) Acrylonitrile	3.075	53	187601	260.219	ug/l	98
16) Acetone	2.386	43	146745	246.347	ug/l	98
17) Carbon Disulfide	2.526	76	205516	47.710	ug/l	98
18) Methyl Acetate	2.715	43	80049	52.909	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	226557	51.008	ug/l	99
20) Methylene Chloride	2.800	84	80668	48.696	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	76889	50.375	ug/l	98
22) Diisopropyl ether	3.770	45	257775	51.890	ug/l	99
23) Vinyl Acetate	3.733	43	1044679	264.451	ug/l	100
24) 1,1-Dichloroethane	3.623	63	142442	50.502	ug/l	99
25) 2-Butanone	4.562	43	222870	264.542	ug/l	98
26) 2,2-Dichloropropane	4.483	77	104151	50.629	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	89665	50.003	ug/l	99
28) Bromochloromethane	4.904	49	64330	50.308	ug/l	99
29) Tetrahydrofuran	5.013	42	143570	263.836	ug/l	99
30) Chloroform	5.105	83	144108	51.089	ug/l	98
31) Cyclohexane	5.483	56	132301	49.462	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	123796	50.042	ug/l	99
36) 1,1-Dichloropropene	5.702	75	100241	50.088	ug/l	99
37) Ethyl Acetate	4.721	43	94953	51.401	ug/l	99
38) Carbon Tetrachloride	5.690	117	109471	50.403	ug/l	98
39) Methylcyclohexane	7.385	83	132086	50.155	ug/l	97
40) Benzene	6.044	78	304346	51.385	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	54501	55.341	ug/l		97
42) 1,2-Dichloroethane	6.099	62	106085	50.970	ug/l		99
43) Isopropyl Acetate	6.342	43	155773	53.888	ug/l		99
44) Trichloroethene	7.129	130	76981	51.000	ug/l		97
45) 1,2-Dichloropropane	7.434	63	74773	50.940	ug/l		94
46) Dibromomethane	7.586	93	54149	51.329	ug/l		100
47) Bromodichloromethane	7.824	83	110823	51.479	ug/l		100
48) Methyl methacrylate	7.696	41	79868	55.091	ug/l		99
49) 1,4-Dioxane	7.659	88	20314	964.253	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	470527	272.916	ug/l		99
52) Toluene	8.720	92	188131	51.237	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	105435	52.785	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	117487	51.813	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	70739	51.698	ug/l		99
56) Ethyl methacrylate	9.116	69	109612	54.266	ug/l		100
57) 1,3-Dichloropropane	9.305	76	121649	51.625	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	293709	279.922	ug/l		100
59) 2-Hexanone	9.427	43	326564	273.982	ug/l		99
60) Dibromochloromethane	9.519	129	82234	50.997	ug/l		99
61) 1,2-Dibromoethane	9.610	107	72749	52.268	ug/l		98
64) Tetrachloroethene	9.275	164	62943	49.172	ug/l		98
65) Chlorobenzene	10.079	112	203947	50.006	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	69709	50.856	ug/l		99
67) Ethyl Benzene	10.195	91	359779	50.487	ug/l		98
68) m/p-Xylenes	10.299	106	272935	102.789	ug/l		99
69) o-Xylene	10.640	106	130980	52.635	ug/l		97
70) Styrene	10.653	104	227060	52.139	ug/l		100
71) Bromoform	10.799	173	53660	51.404	ug/l	#	100
73) Isopropylbenzene	10.957	105	346098	51.083	ug/l		100
74) N-amyl acetate	10.842	43	138890	54.107	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	98960	52.310	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	81355m	48.286	ug/l		
77) Bromobenzene	11.195	156	82515	50.611	ug/l		99
78) n-propylbenzene	11.305	91	412345	51.240	ug/l		100
79) 2-Chlorotoluene	11.360	91	239904	49.931	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	288104	51.746	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	29929	50.210	ug/l		99
82) 4-Chlorotoluene	11.451	91	280848	50.085	ug/l		98
83) tert-Butylbenzene	11.713	119	287513	49.958	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	286365	51.193	ug/l		99
85) sec-Butylbenzene	11.890	105	371523	51.079	ug/l		100
86) p-Isopropyltoluene	12.006	119	311698	50.791	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	154181	48.501	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	153158	46.906	ug/l		100
89) n-Butylbenzene	12.329	91	296174	50.829	ug/l		100
90) Hexachloroethane	12.536	117	52831	49.161	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	147561	49.672	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19851	53.151	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	104267	49.369	ug/l		99
94) Hexachlorobutadiene	13.719	225	45958	51.729	ug/l		98
95) Naphthalene	13.774	128	315669	52.462	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	103451	51.200	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

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

ICAL Form

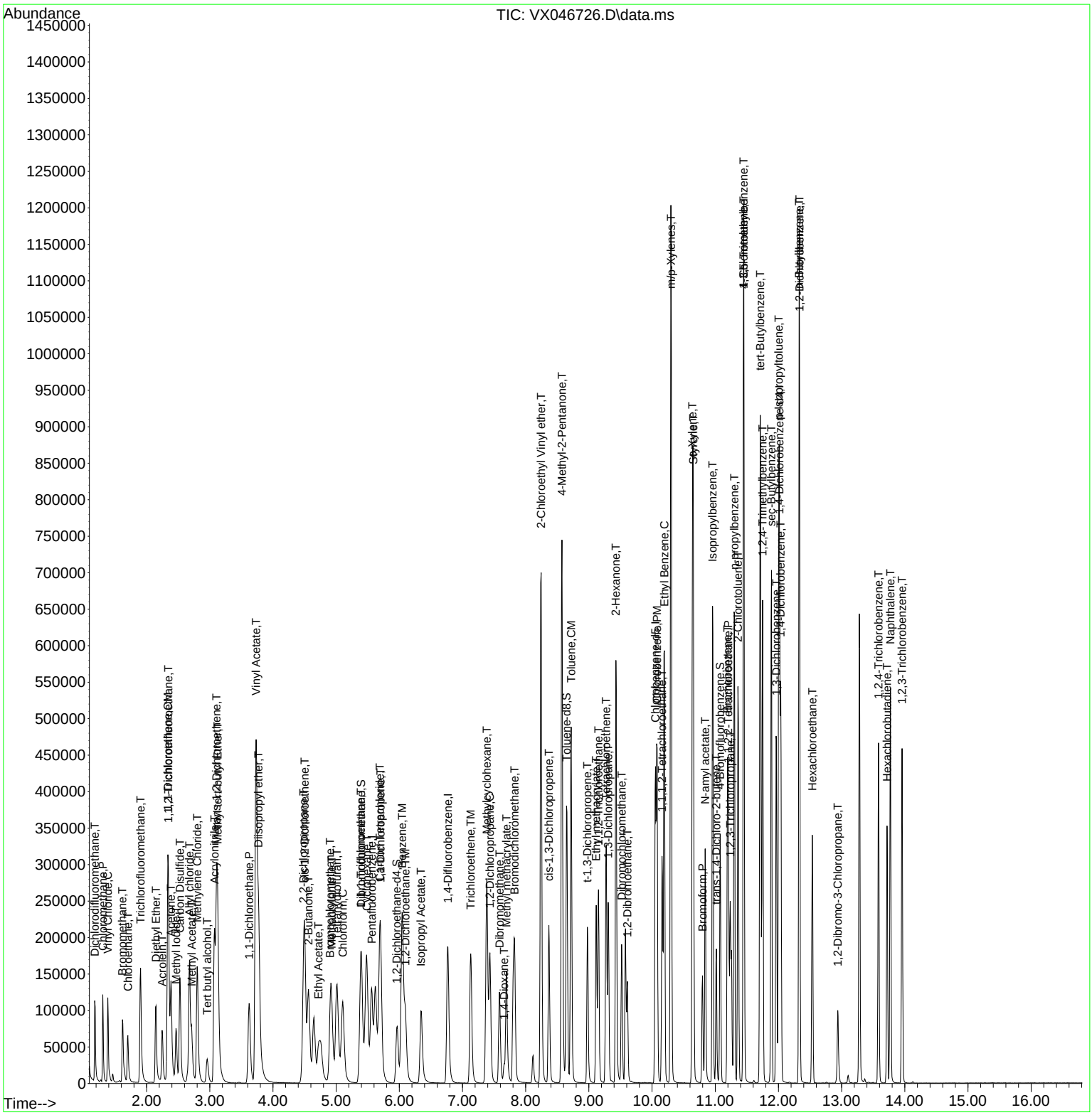
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

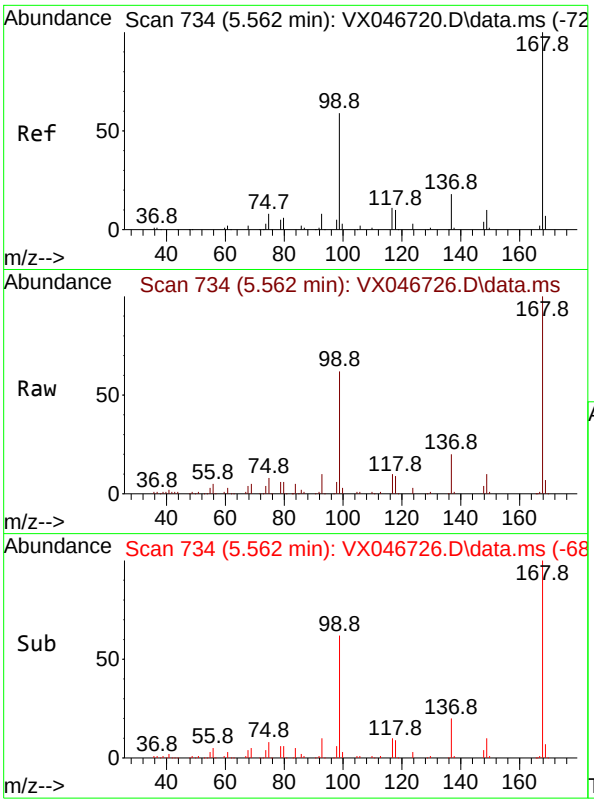
Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

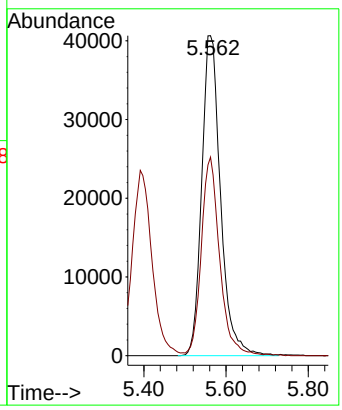




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:168 Resp: 12914

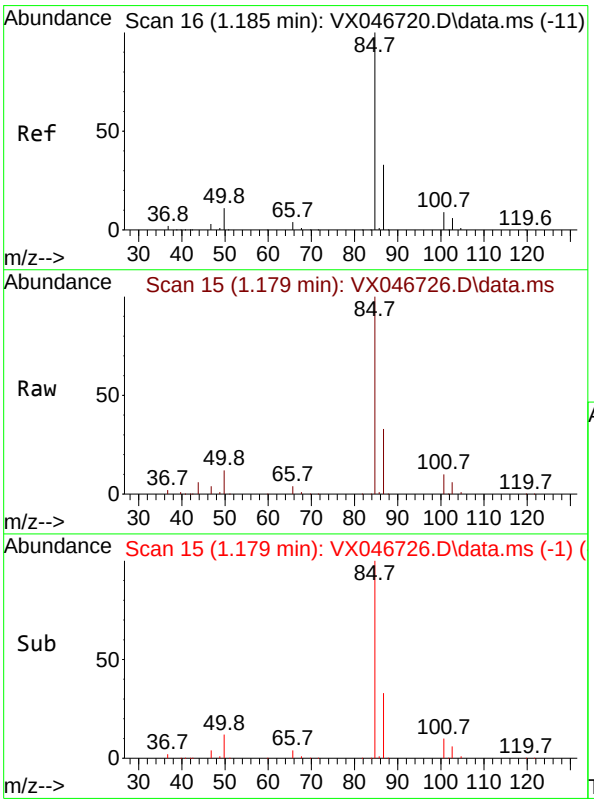
Ion	Ratio	Lower	Upper
168	100		
99	61.8	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
APPROVED

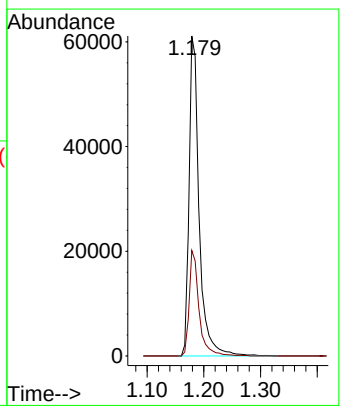
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

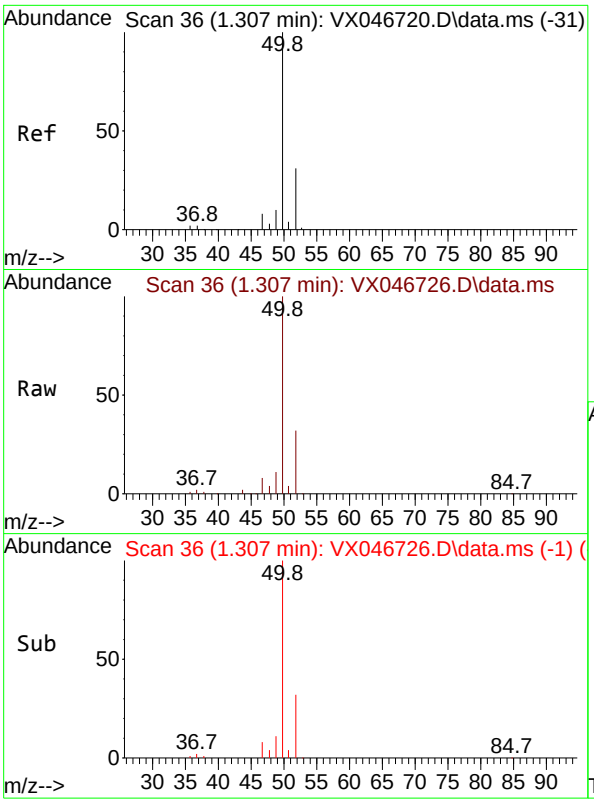


#2
Dichlorodifluoromethane
Concen: 54.798 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 85 Resp: 75554

Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.6	49.8





#3
Chloromethane
Concen: 51.393 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 50 Resp: 7648

Ion	Ratio	Lower	Upper
50	100		
52	31.8	24.9	37.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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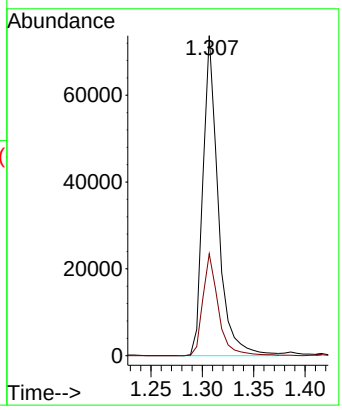
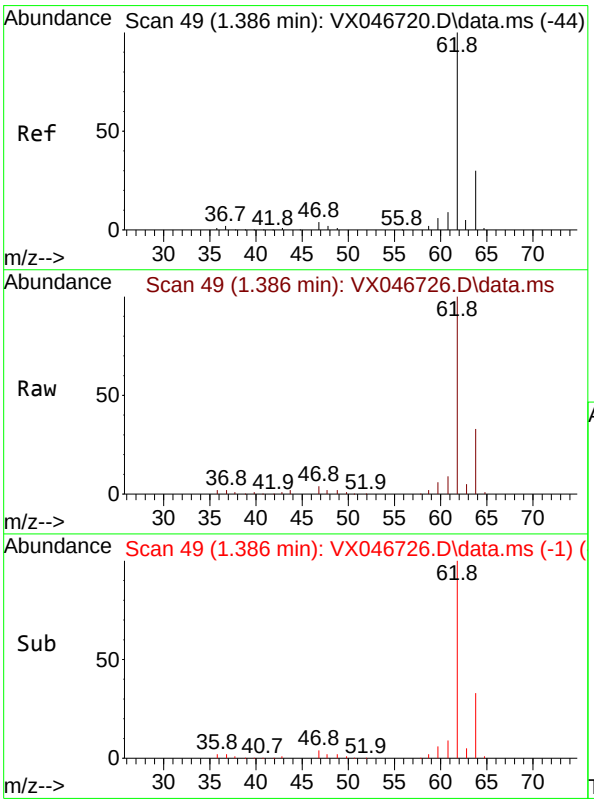
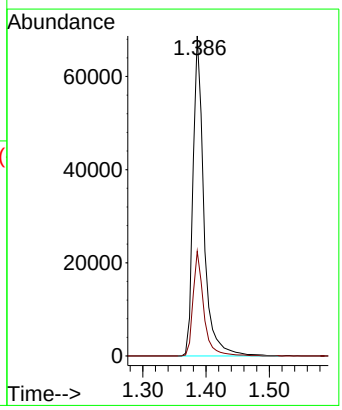


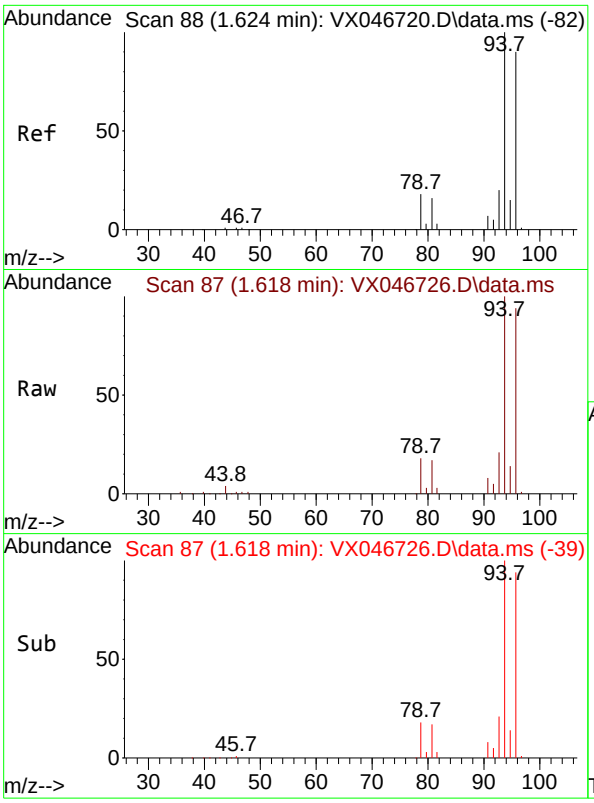


#4
Vinyl Chloride
Concen: 51.768 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 62 Resp: 82156

Ion	Ratio	Lower	Upper
62	100		
64	32.7	23.9	35.9

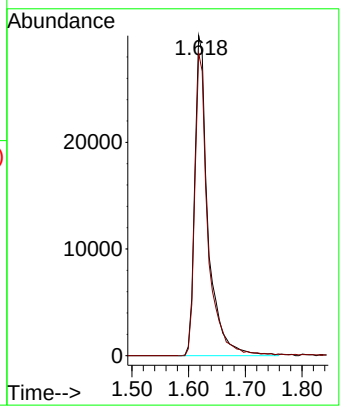




#5
Bromomethane
Concen: 54.831 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 94 Resp: 4895

Ion	Ratio	Lower	Upper
94	100		
96	94.4	72.3	108.5



Instrument :
MSVOA_X
ClientSampleId :
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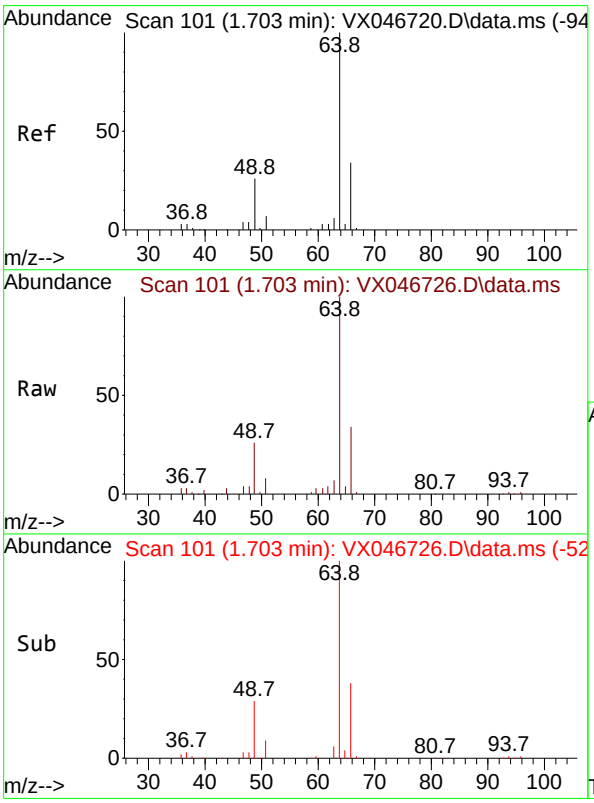
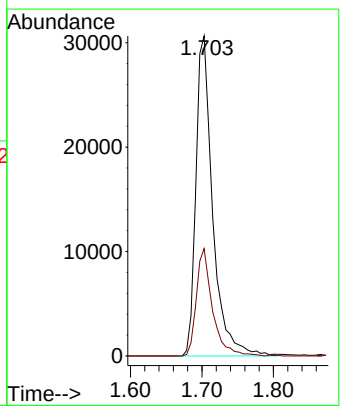
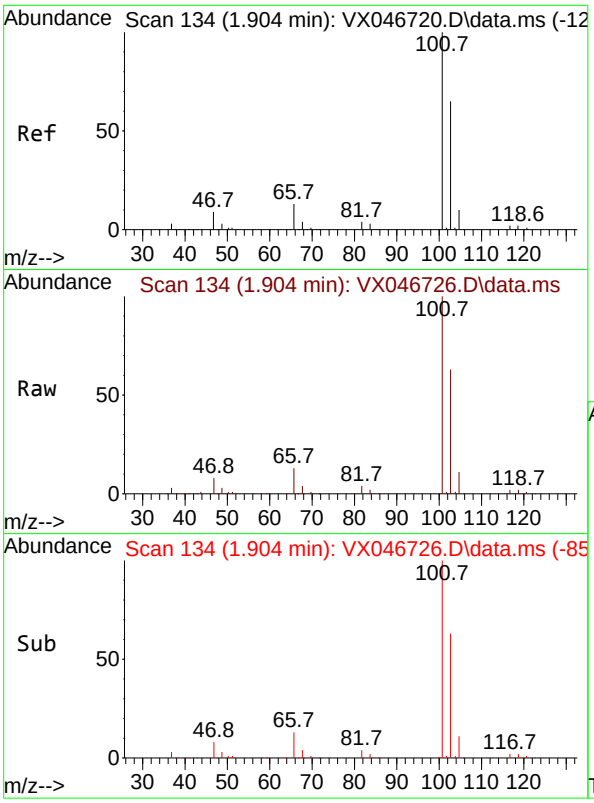


#6
Chloroethane
Concen: 51.911 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 64 Resp: 49931

Ion	Ratio	Lower	Upper
64	100		
66	33.5	27.1	40.7

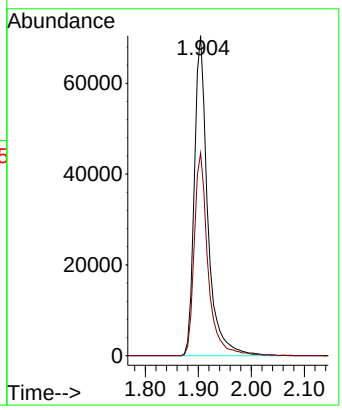




#7
Trichlorofluoromethane
Concen: 51.363 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:101 Resp: 12376

Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.8	77.8



Instrument :
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ClientSampleId :
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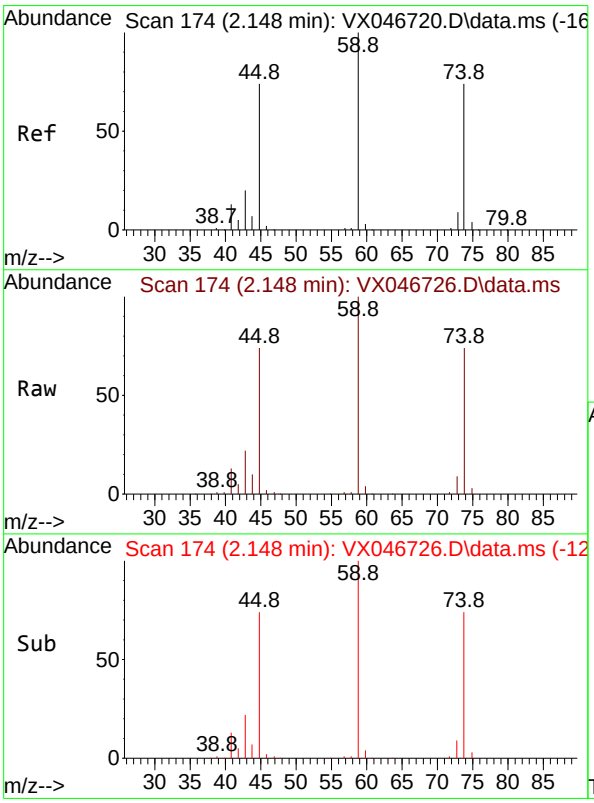
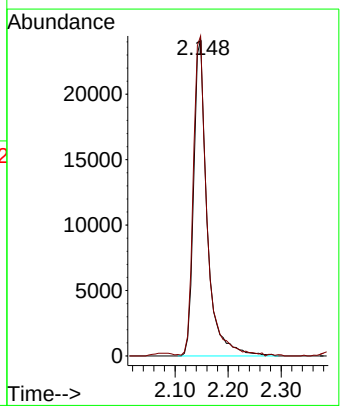
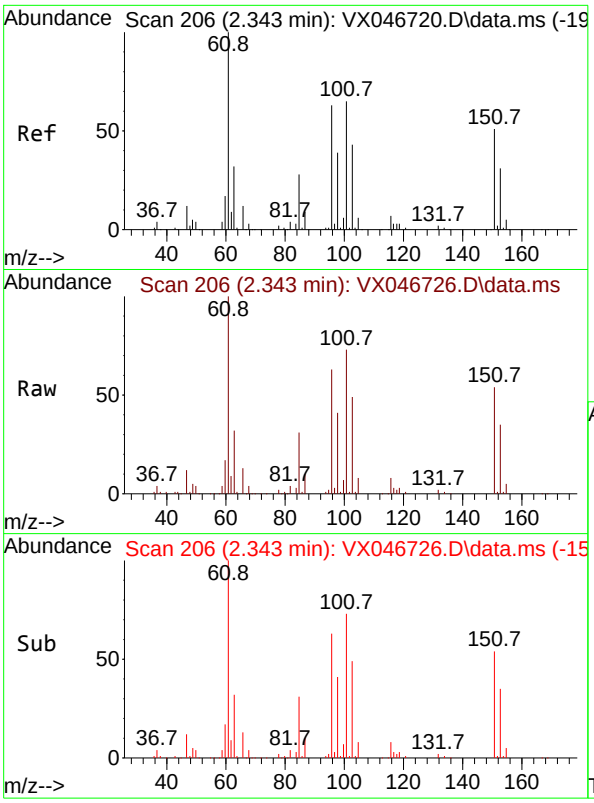


#8
Diethyl Ether
Concen: 51.316 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 74 Resp: 42437

Ion	Ratio	Lower	Upper
74	100		
45	103.7	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.089 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:101 Resp: 7552

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.4	53.0
151	75.9	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
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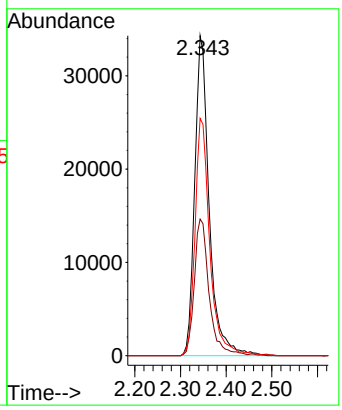
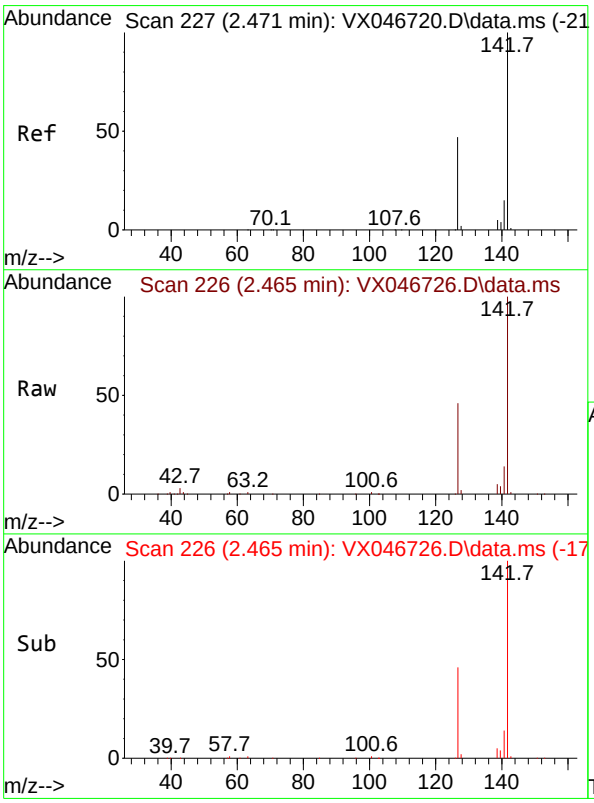
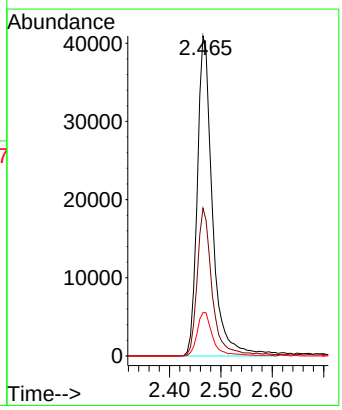


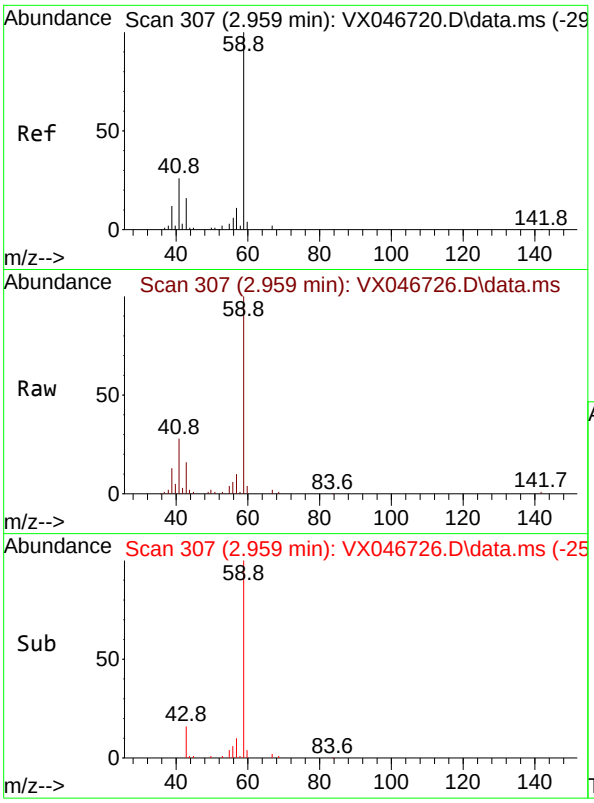


#10
Methyl Iodide
Concen: 45.861 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:142 Resp: 84139

Ion	Ratio	Lower	Upper
142	100		
127	45.9	37.0	55.6
141	14.0	11.5	17.3

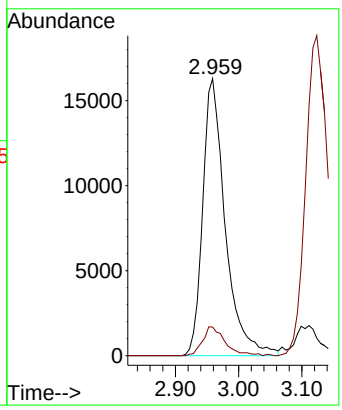




#11
Tert butyl alcohol
Concen: 251.888 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 59 Resp: 4038

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
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ClientSampleId :
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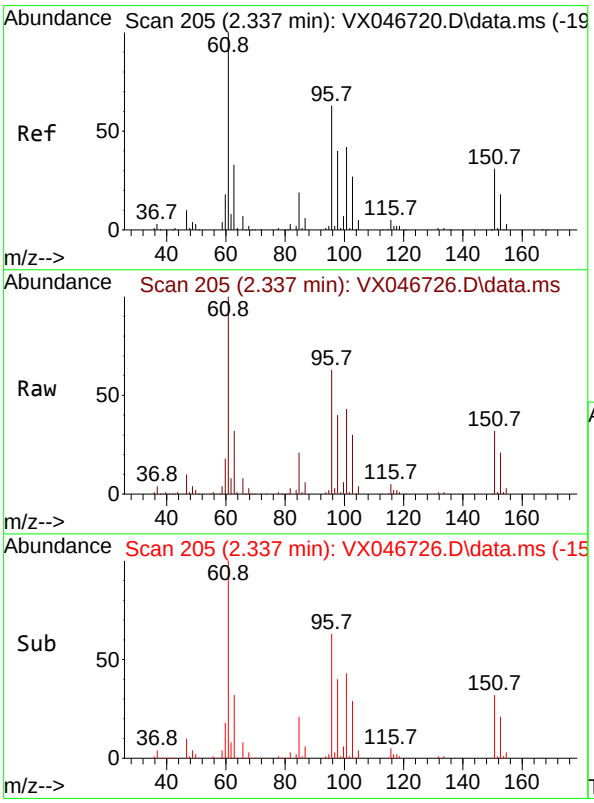
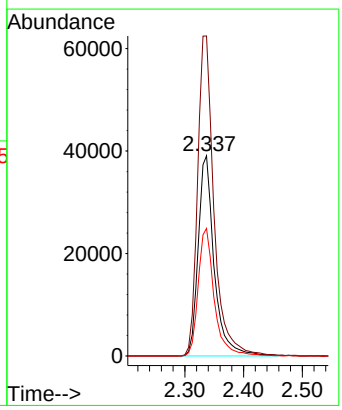
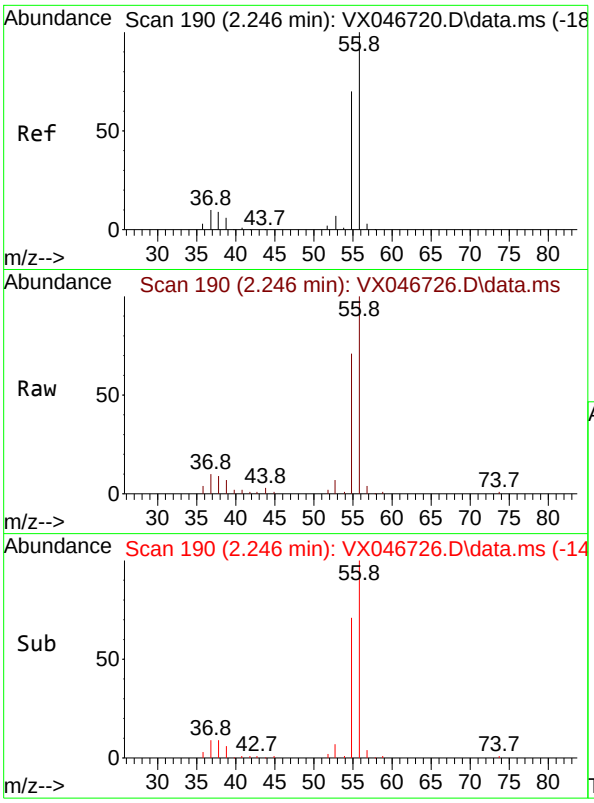


#12
1,1-Dichloroethene
Concen: 51.945 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 96 Resp: 74097

Ion	Ratio	Lower	Upper
96	100		
61	159.8	126.6	189.8
98	63.7	50.7	76.1

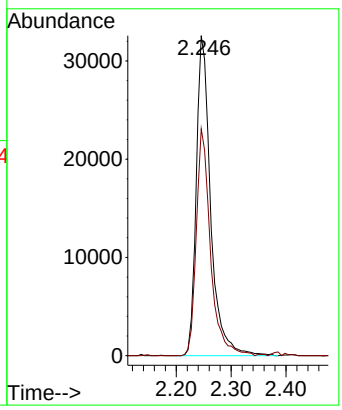




#13
Acrolein
Concen: 254.972 ug/l
RT: 2.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 56 Resp: 5954

Ion	Ratio	Lower	Upper
56	100		
55	70.0	55.2	82.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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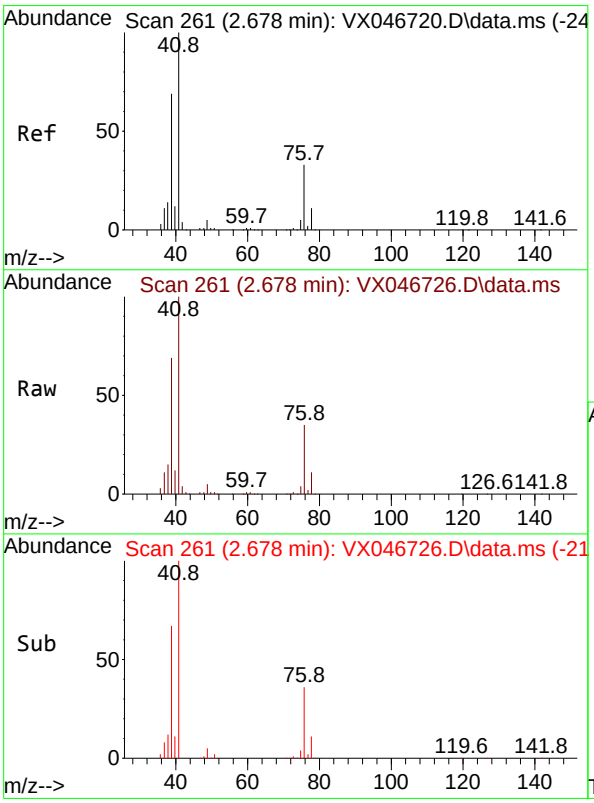
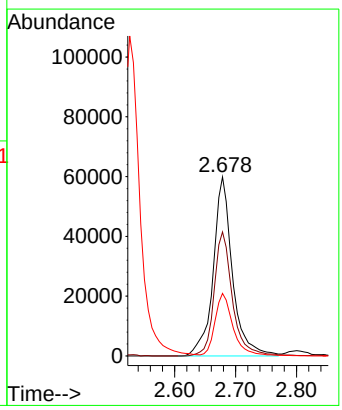
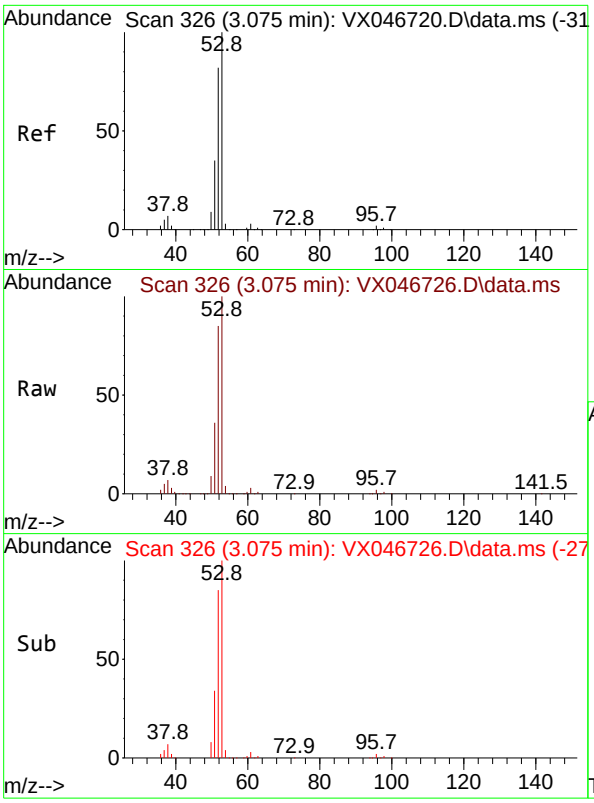


#14
Allyl chloride
Concen: 50.922 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 41 Resp: 131610

Ion	Ratio	Lower	Upper
41	100		
39	66.1	53.6	80.4
76	33.1	26.8	40.2





#15
Acrylonitrile
Concen: 260.219 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 53 Resp: 18760

Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.1	97.7
51	36.7	28.9	43.3

Instrument :
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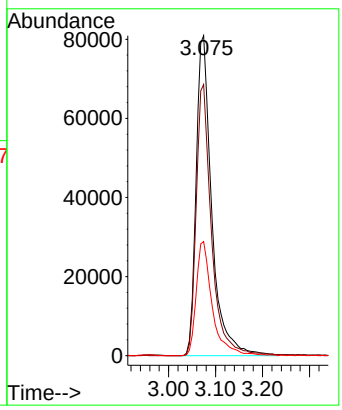
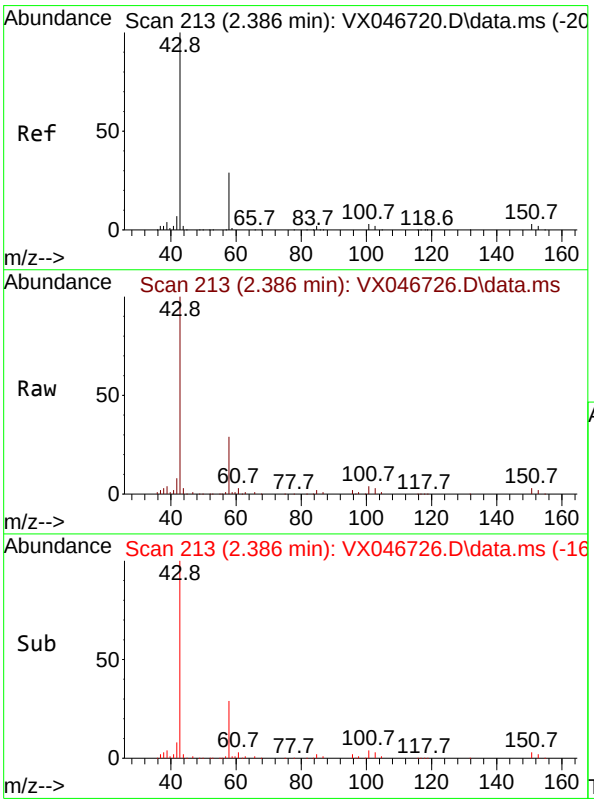
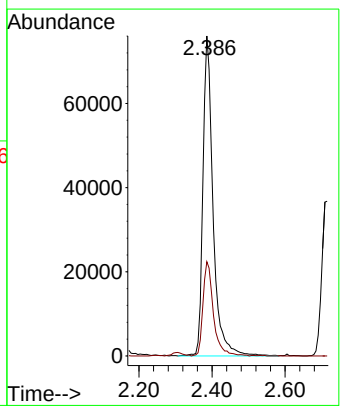


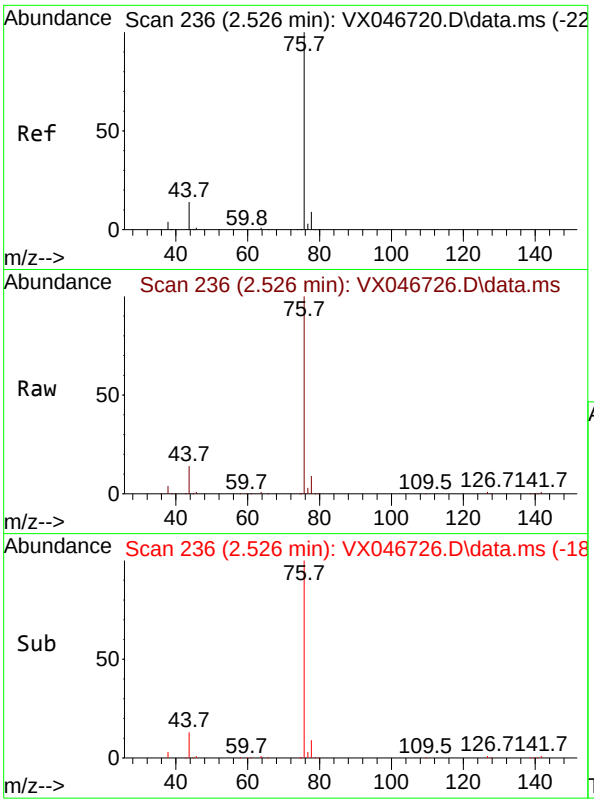


#16
Acetone
Concen: 246.347 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 43 Resp: 146745

Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.5	36.7





#17
Carbon Disulfide
Concen: 47.710 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 76 Resp: 20551

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

Instrument :
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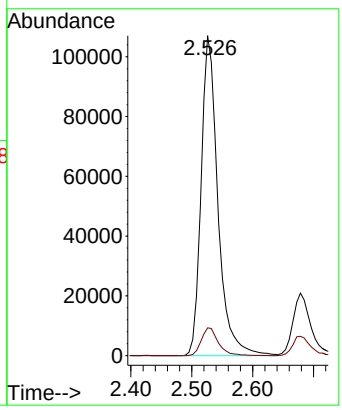
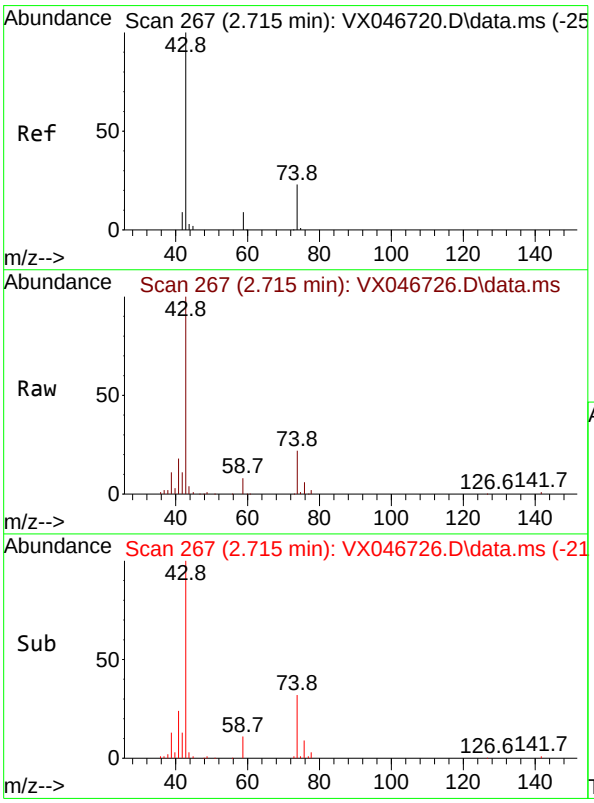
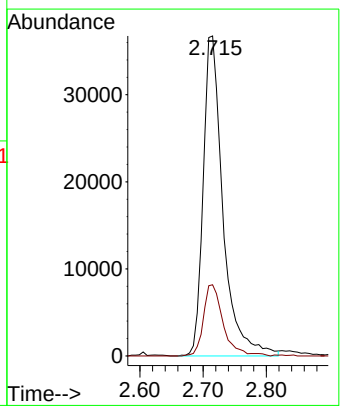


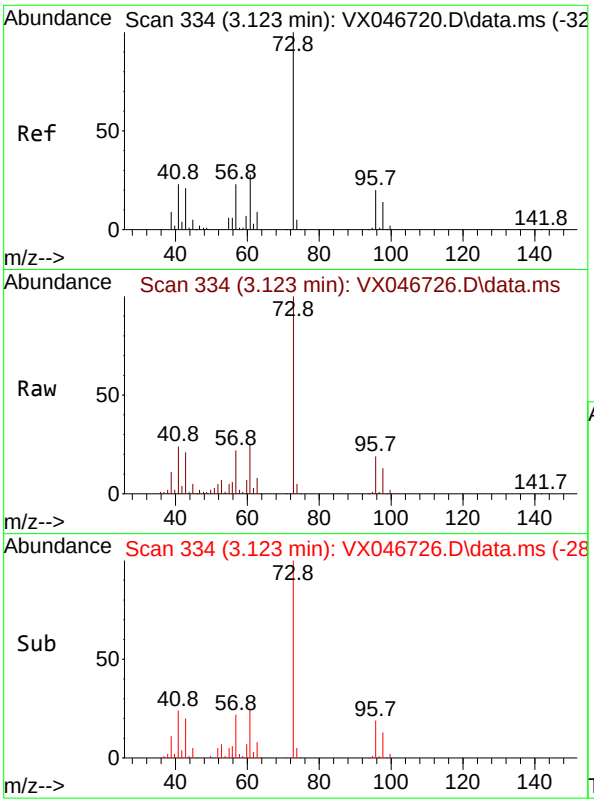


#18
Methyl Acetate
Concen: 52.909 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 43 Resp: 80049

Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.4	27.6

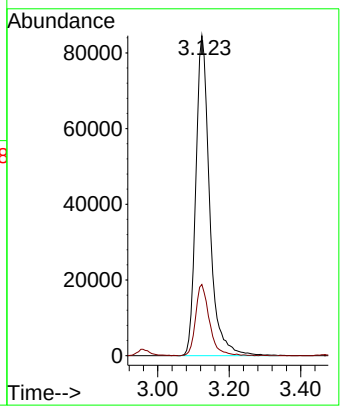




#19
Methyl tert-butyl Ether
Concen: 51.008 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 73 Resp: 22655

Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.2	27.2



Instrument :
MSVOA_X
ClientSampleId :
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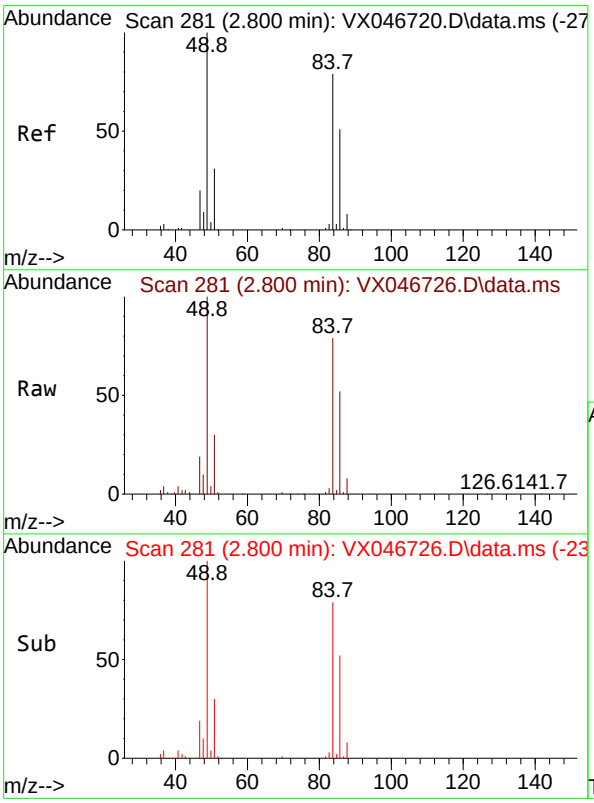
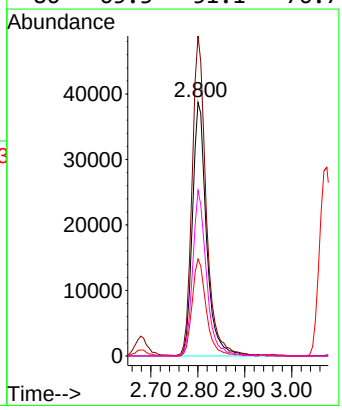
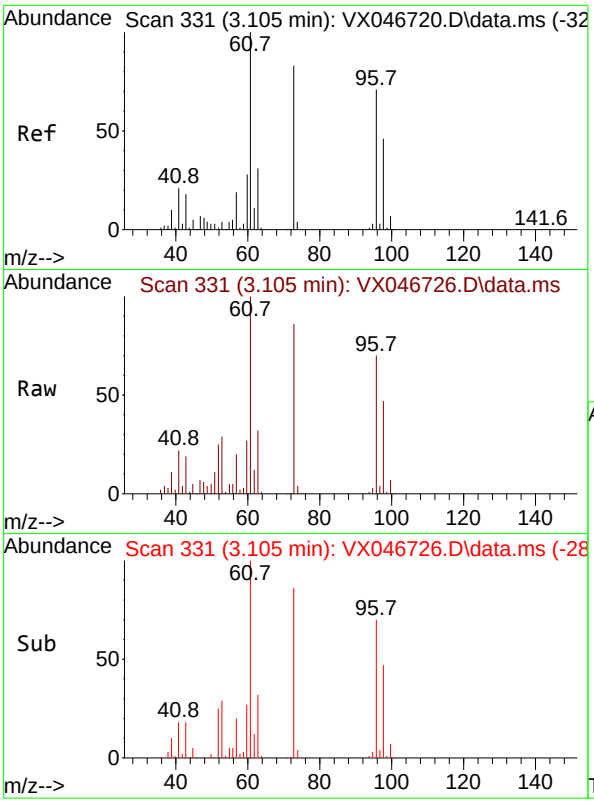


#20
Methylene Chloride
Concen: 48.696 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 84 Resp: 80668

Ion	Ratio	Lower	Upper
84	100		
49	126.0	101.3	151.9
51	38.3	31.0	46.6
86	65.3	51.1	76.7

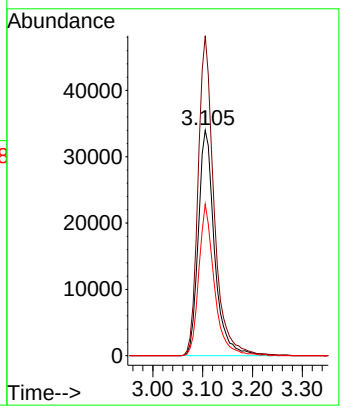




#21
trans-1,2-Dichloroethene
Concen: 50.375 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 96 Resp: 7688

Ion	Ratio	Lower	Upper
96	100		
61	142.0	112.5	168.7
98	69.1	51.9	77.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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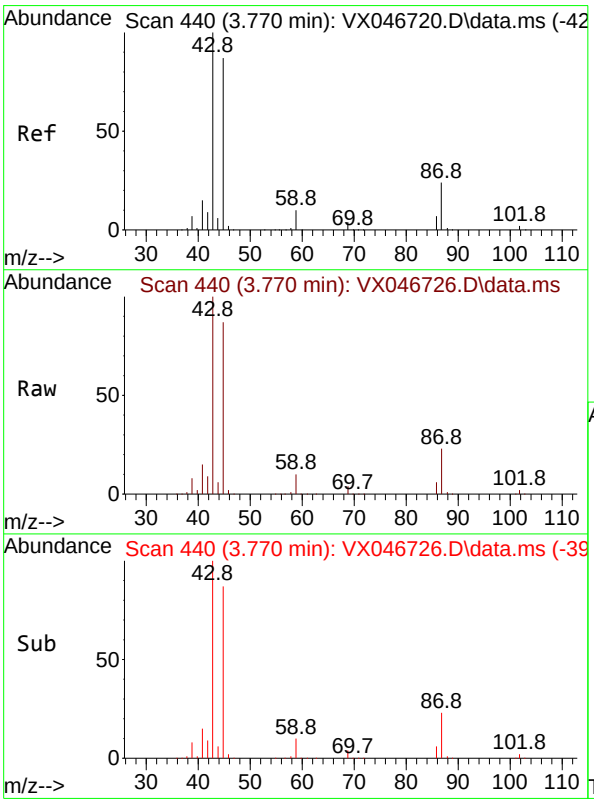
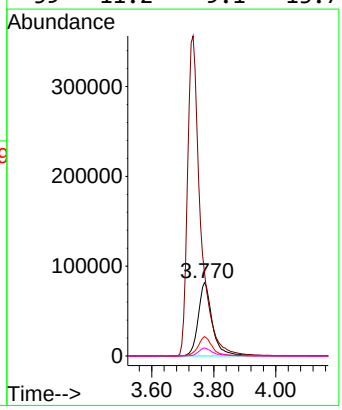
Supervised By :Mahesh Dadoda 06/18/2025

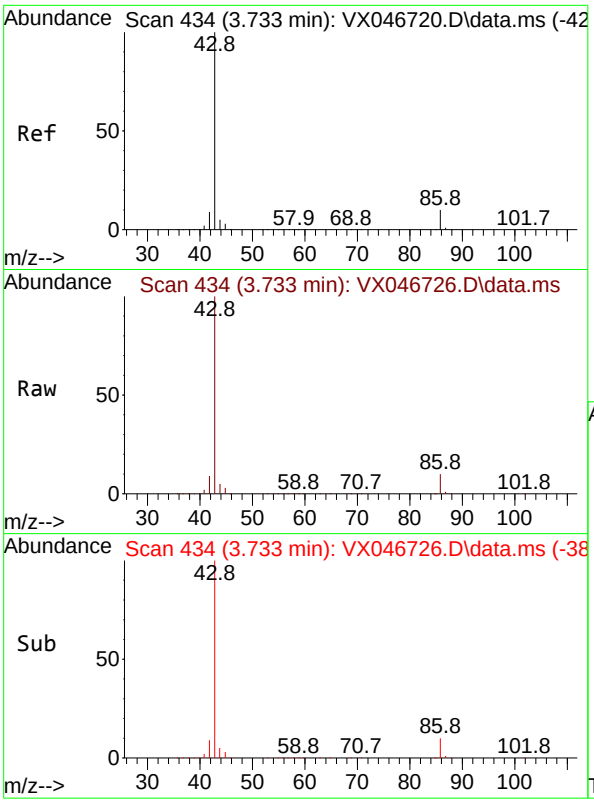


#22
Diisopropyl ether
Concen: 51.890 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 45 Resp: 257775

Ion	Ratio	Lower	Upper
45	100		
43	114.3	91.9	137.9
87	26.4	22.0	33.0
59	11.2	9.1	13.7





#23
Vinyl Acetate
Concen: 264.451 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 43 Resp: 104467

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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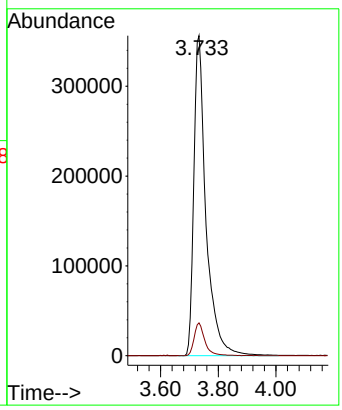
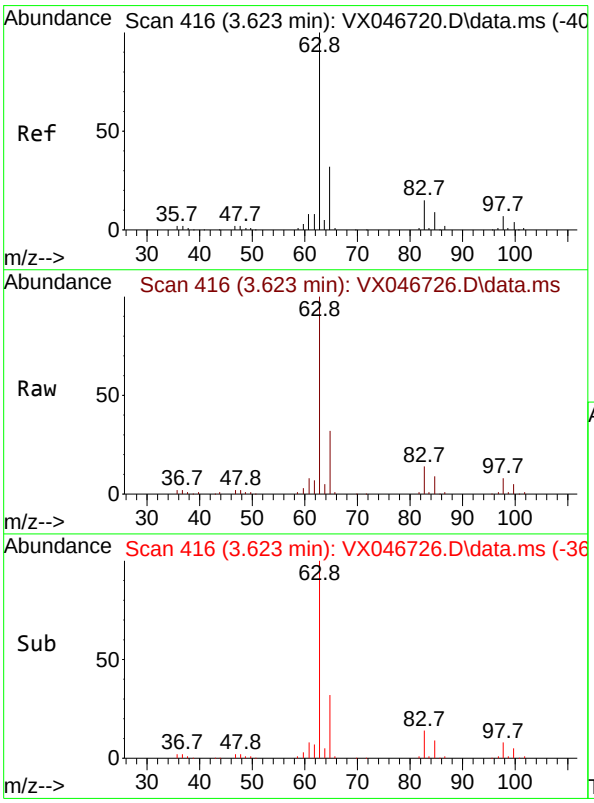
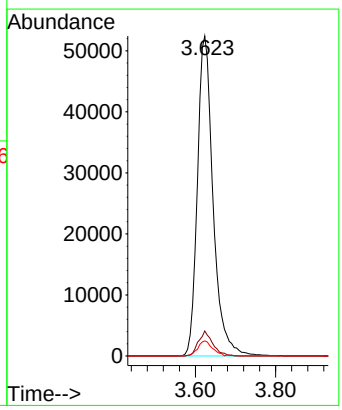


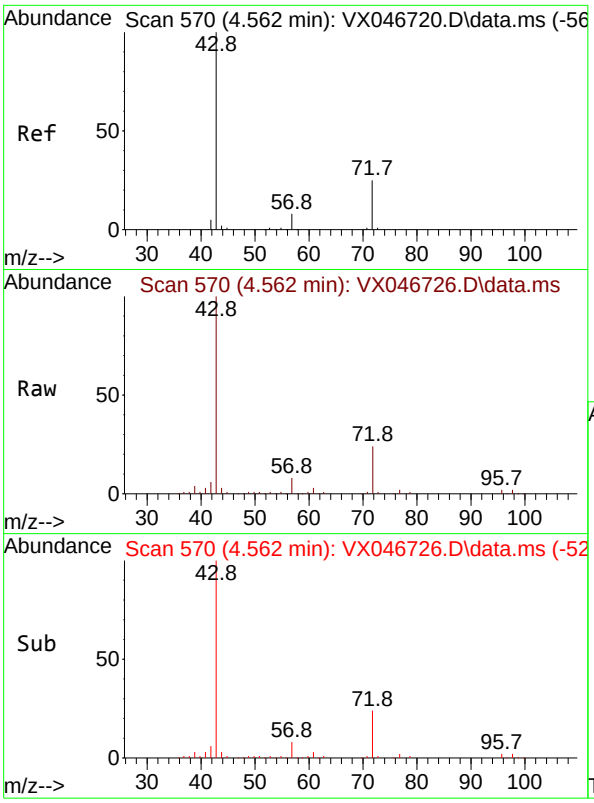


#24
1,1-Dichloroethane
Concen: 50.502 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 63 Resp: 142442

Ion	Ratio	Lower	Upper
63	100		
98	7.8	4.0	11.9
100	4.7	2.2	6.6





#25
2-Butanone
Concen: 264.542 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 43 Resp: 22287

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.2	30.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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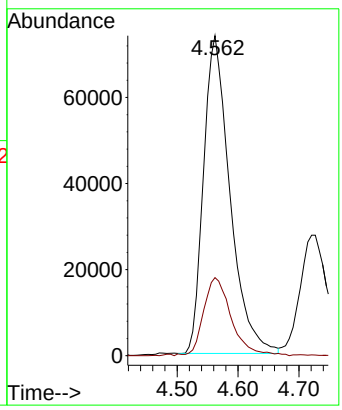
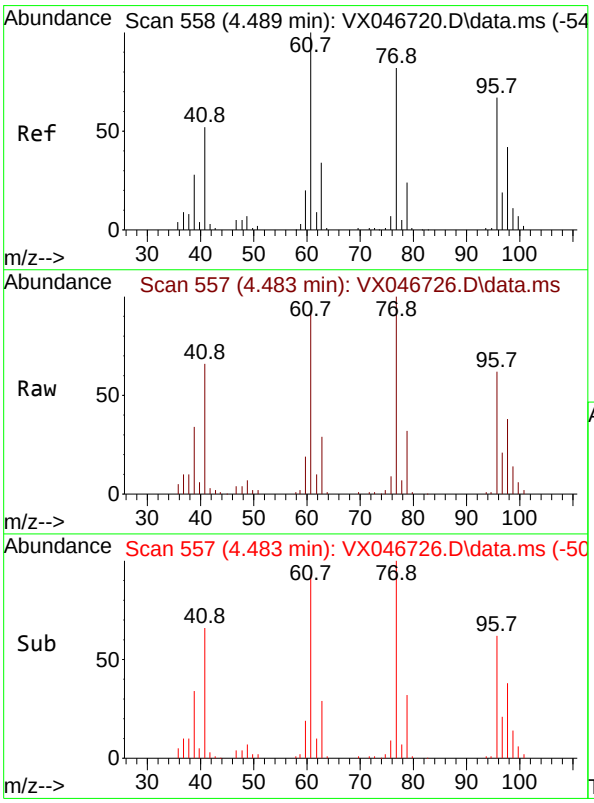
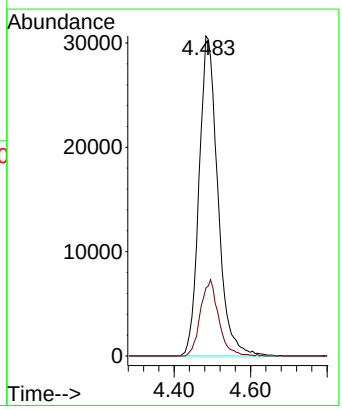


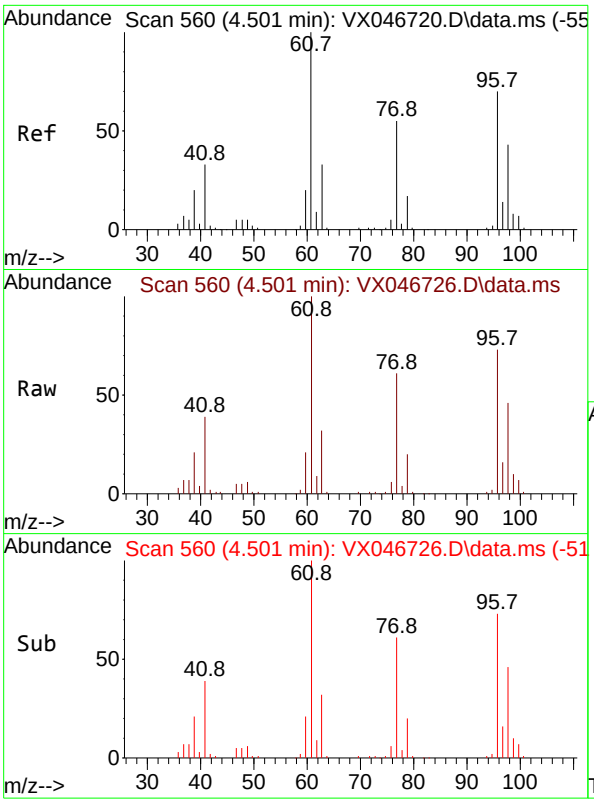


#26
2,2-Dichloropropane
Concen: 50.629 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 77 Resp: 104151

Ion	Ratio	Lower	Upper
77	100		
97	23.0	11.8	35.3





#27
cis-1,2-Dichloroethene
Concen: 50.003 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 96 Resp: 8966

Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	291.0
98	64.2	0.0	126.8

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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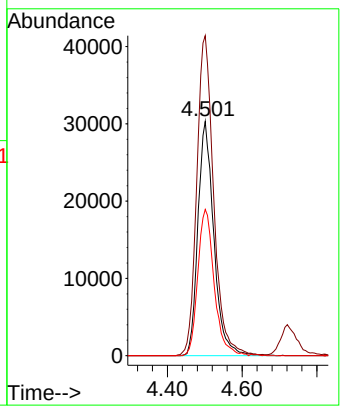
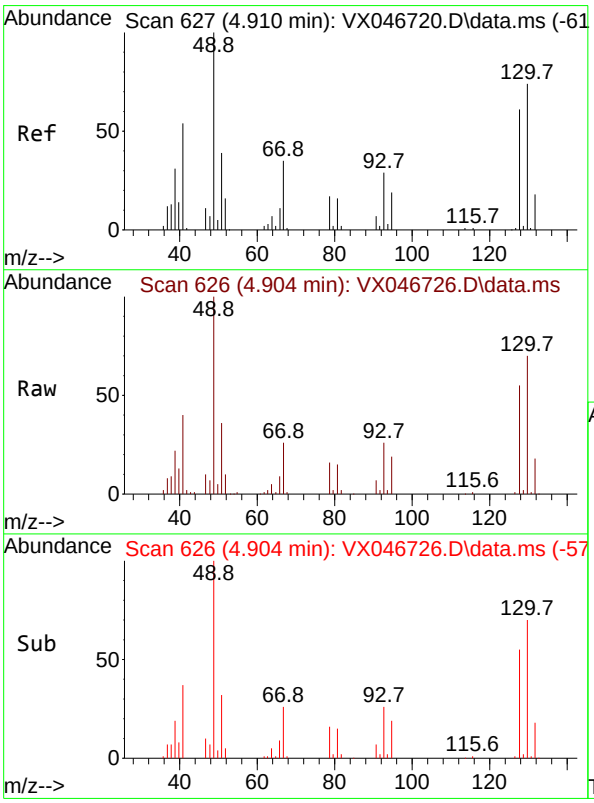
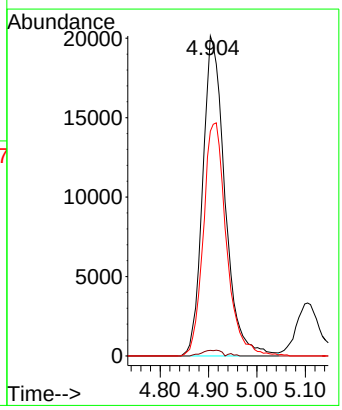


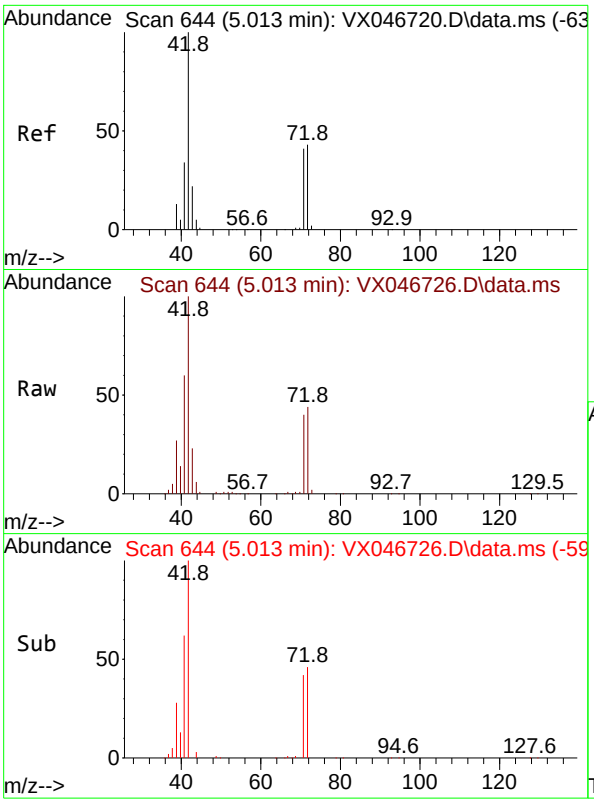


#28
Bromochloromethane
Concen: 50.308 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 49 Resp: 64330

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	75.6	61.4	92.0





#29
Tetrahydrofuran
Concen: 263.836 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 42 Resp: 14357(

Ion	Ratio	Lower	Upper
42	100		
72	44.3	34.9	52.3
71	40.8	32.2	48.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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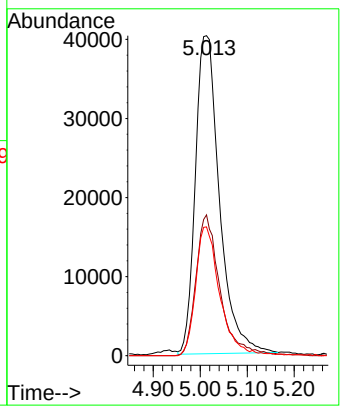
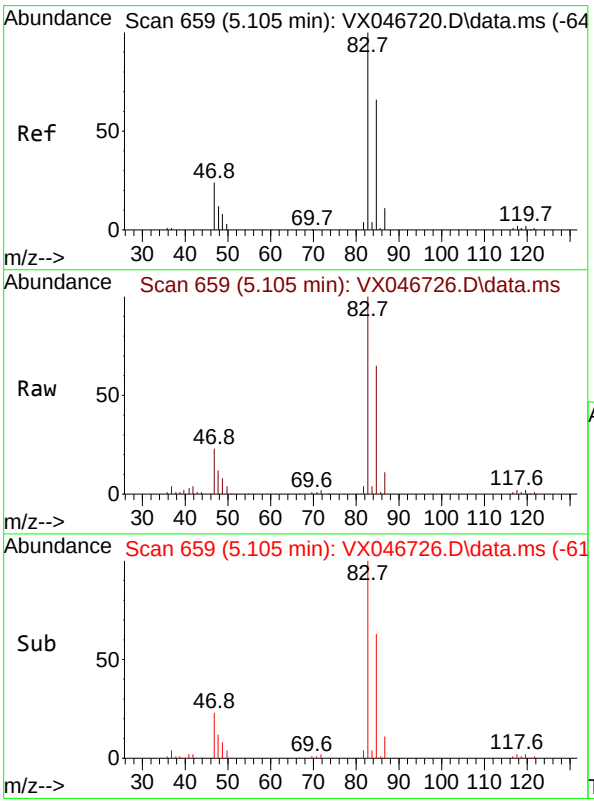
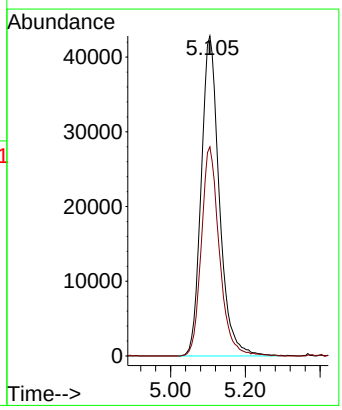


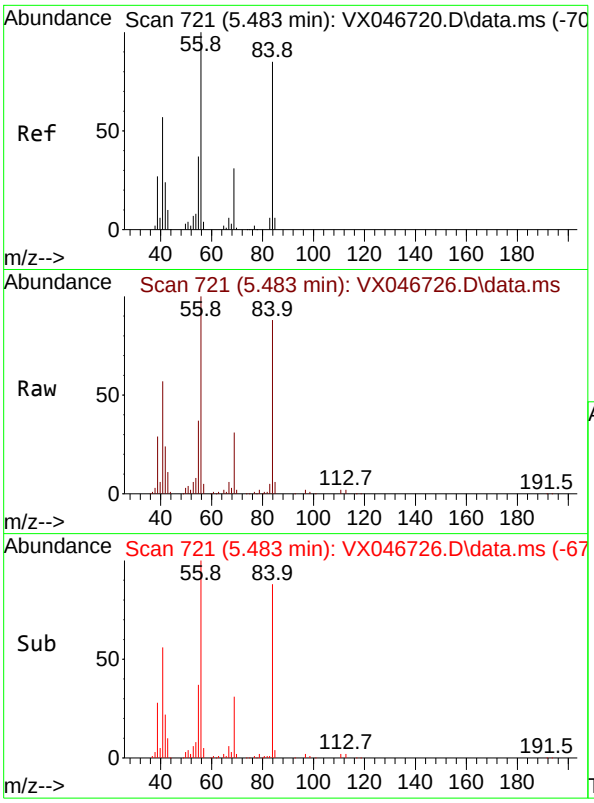


#30
Chloroform
Concen: 51.089 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 83 Resp: 144108

Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.7	80.5





#31
Cyclohexane
Concen: 49.462 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 56 Resp: 13230

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.8	37.2
84	86.8	68.2	102.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
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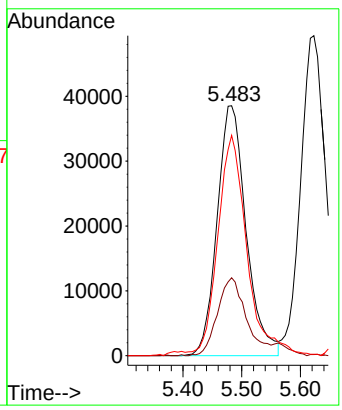
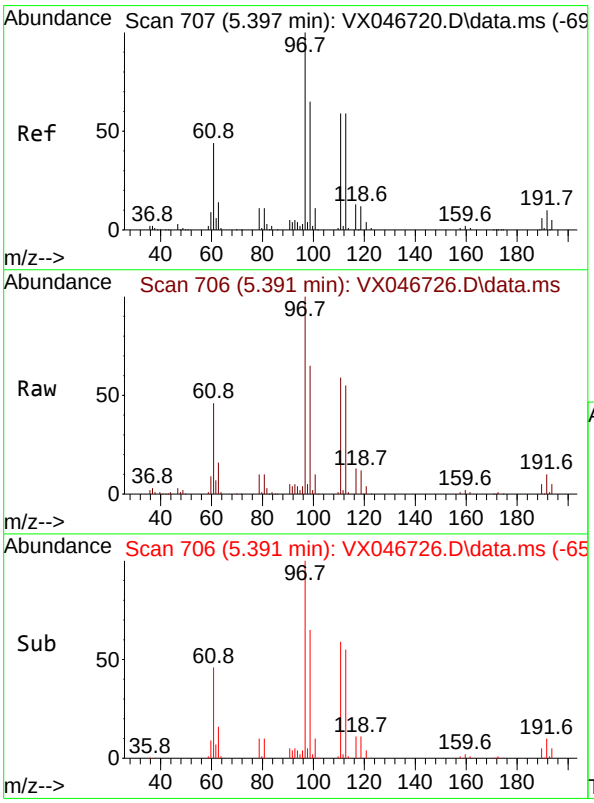
Supervised By :Mahesh Dadoda 06/18/2025

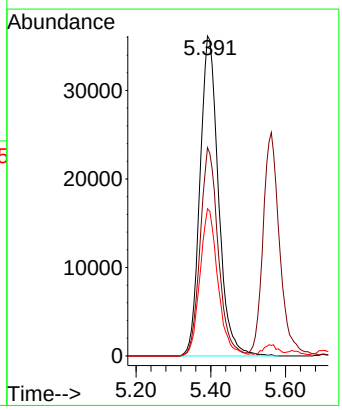


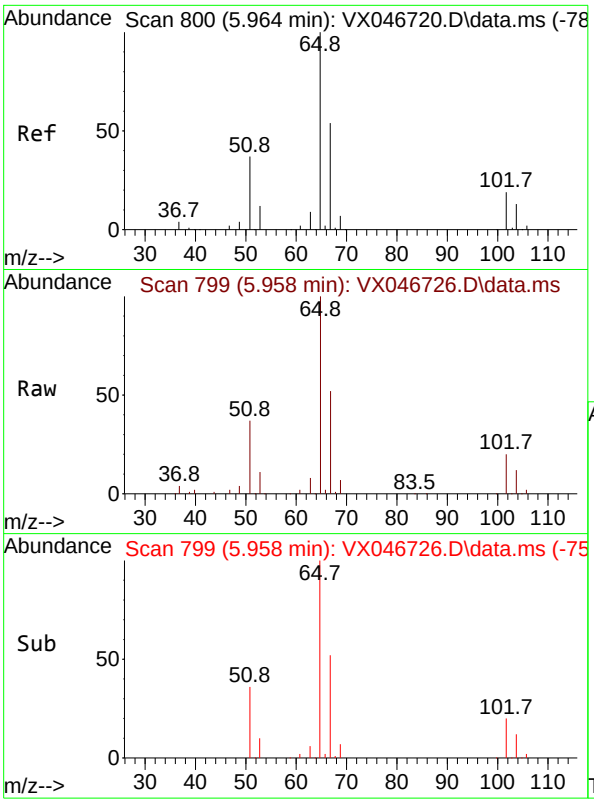


#32
1,1,1-Trichloroethane
Concen: 50.042 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 97 Resp: 123796

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	45.1	36.4	54.6

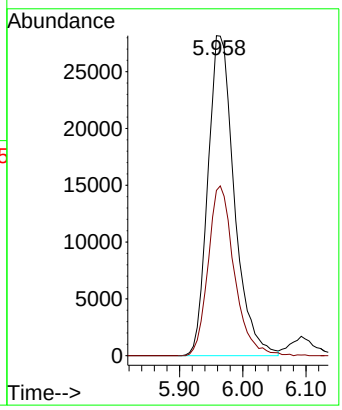




#33
1,2-Dichloroethane-d4
Concen: 45.697 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 65 Resp: 8162

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
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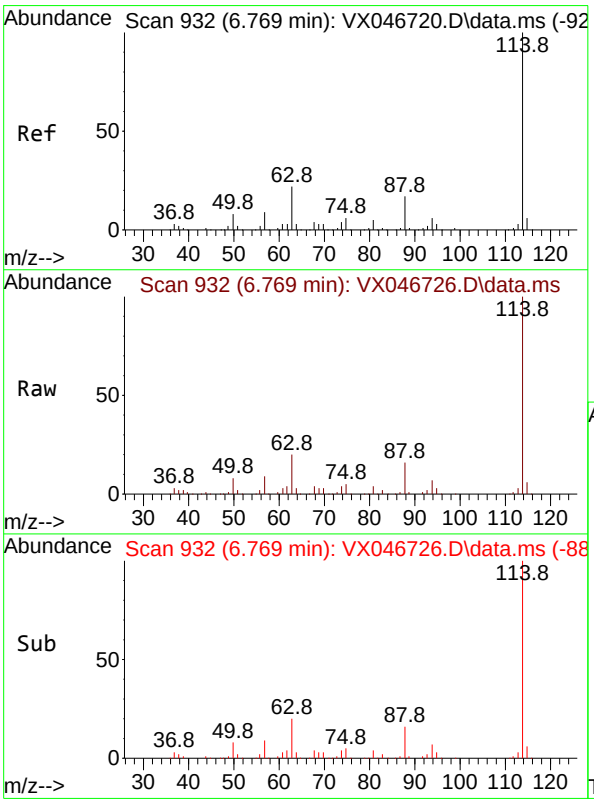
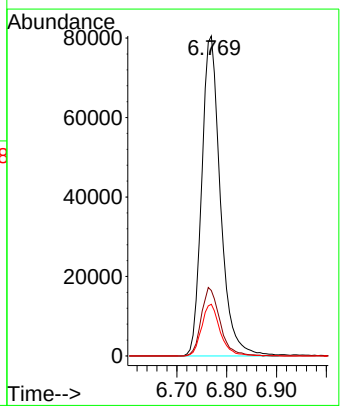
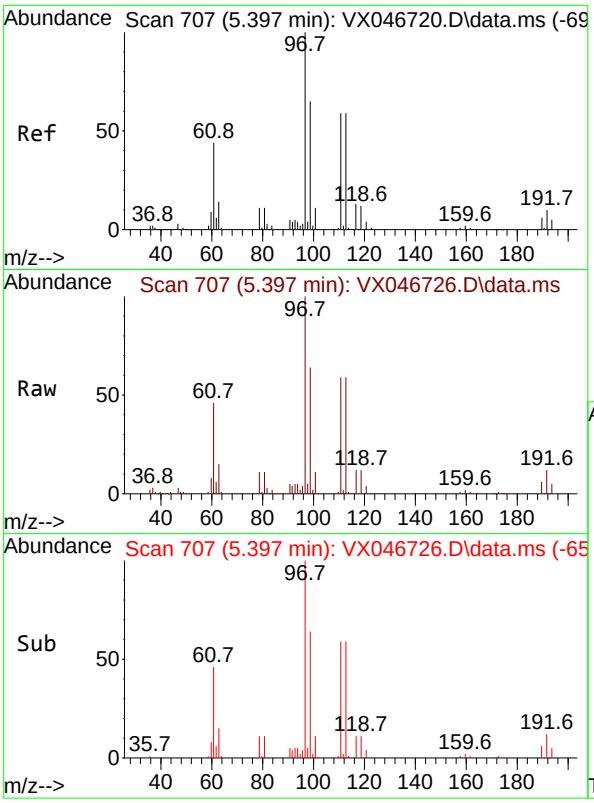


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:114 Resp: 209541

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.2
88	16.2	0.0	33.2

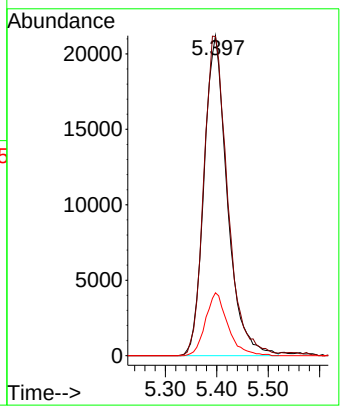




#35
Dibromofluoromethane
Concen: 48.072 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:113 Resp: 6664

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	18.9	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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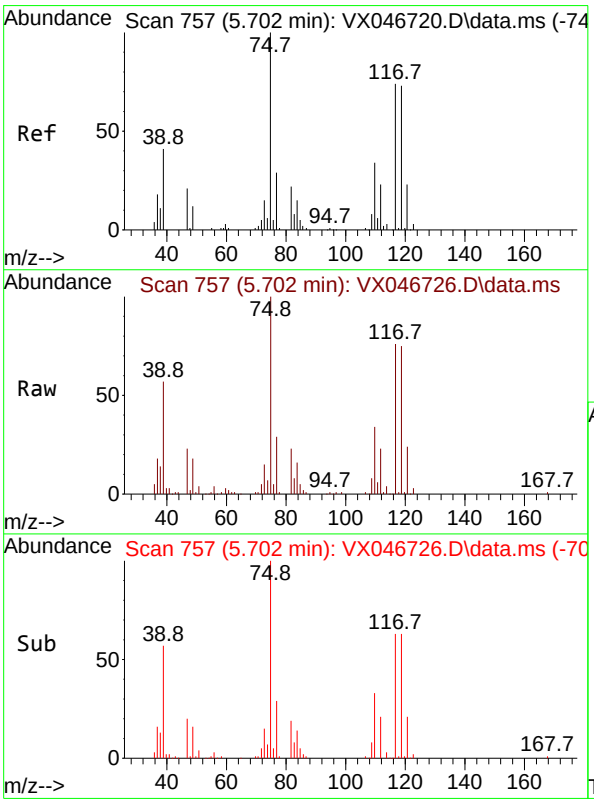
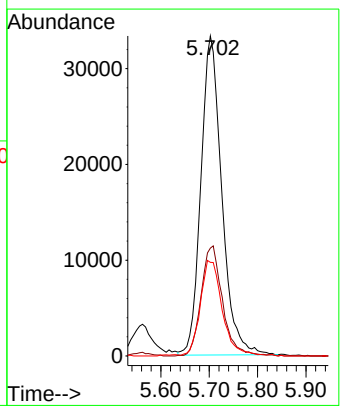
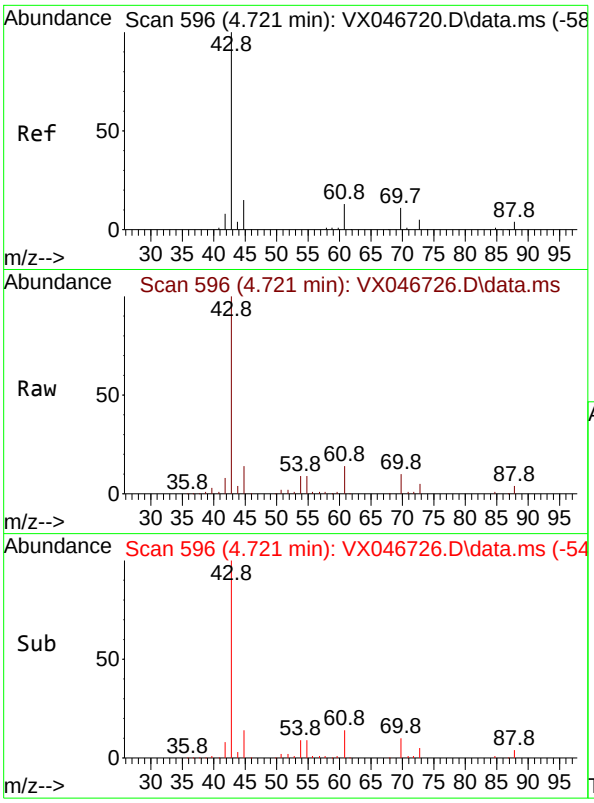


#36
1,1-Dichloropropene
Concen: 50.088 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 75 Resp: 100241

Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.2	51.5
77	30.7	24.2	36.4

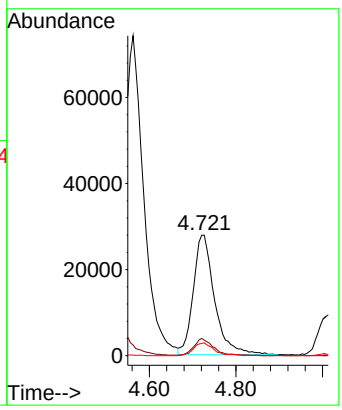




#37
Ethyl Acetate
Concen: 51.401 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 43 Resp: 9495

Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.7	14.5
70	10.1	8.1	12.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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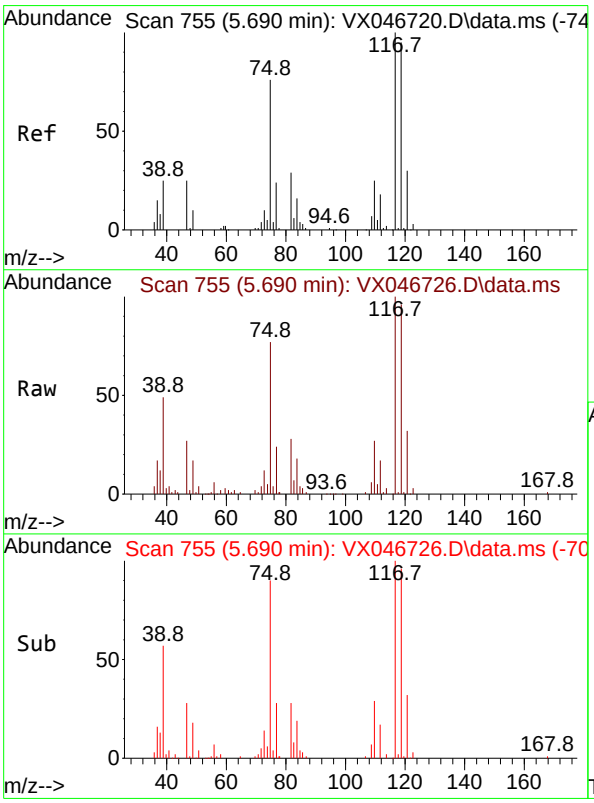
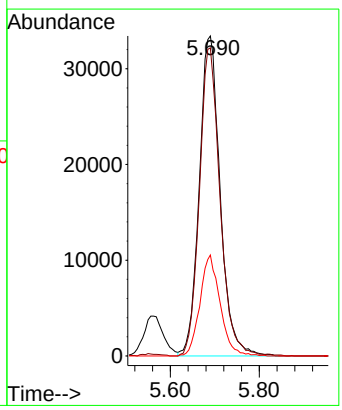
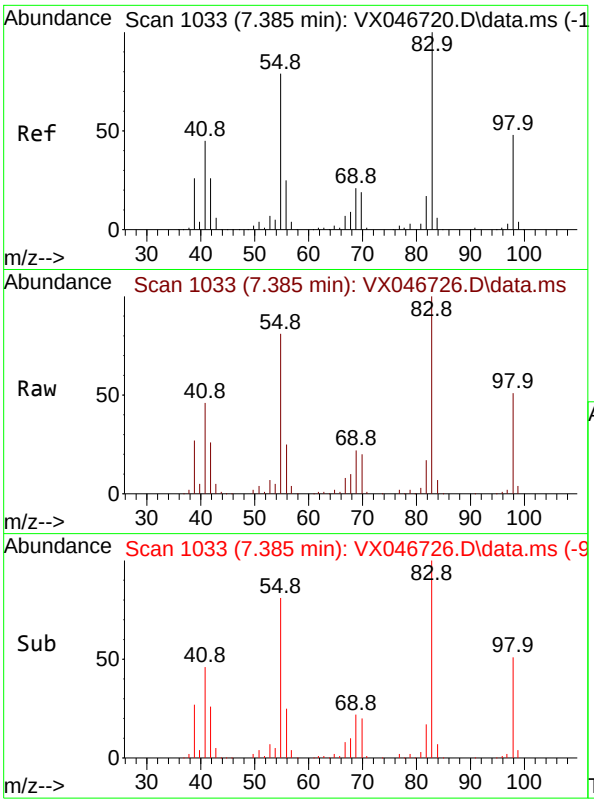


#38
Carbon Tetrachloride
Concen: 50.403 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:117 Resp: 109471

Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.2	112.8
121	31.6	24.1	36.1

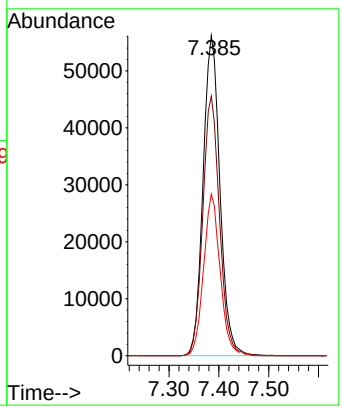




#39
Methylcyclohexane
Concen: 50.155 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 83 Resp: 13208

Ion	Ratio	Lower	Upper
83	100		
55	81.1	63.0	94.4
98	50.5	38.8	58.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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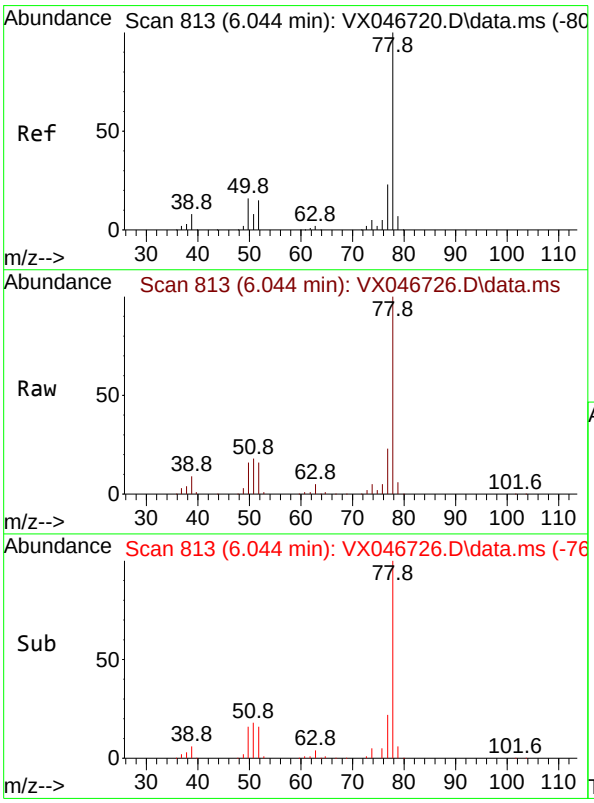
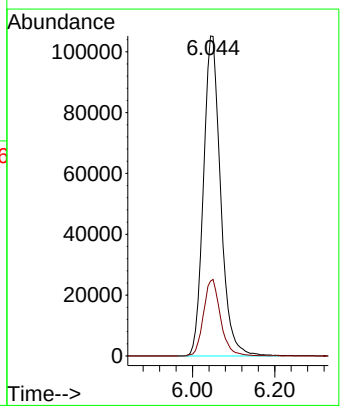
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

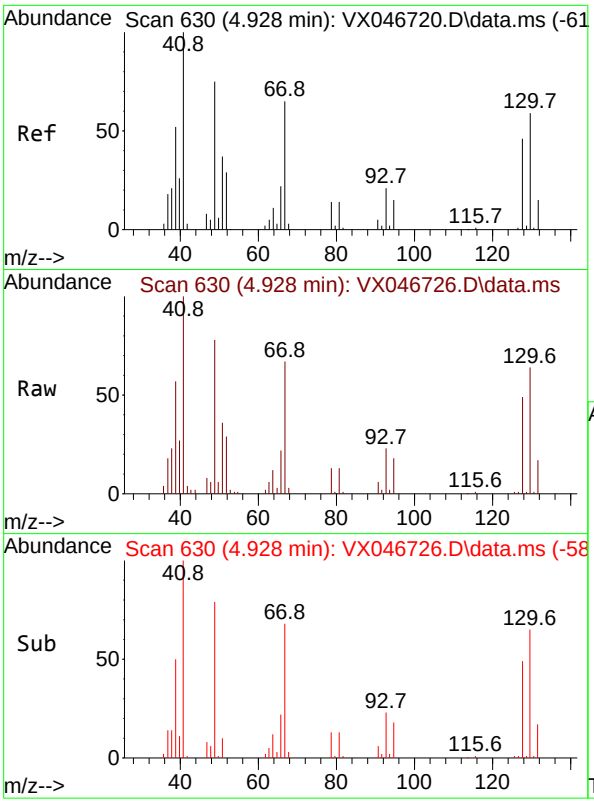


#40
Benzene
Concen: 51.385 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 78 Resp: 304346

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2

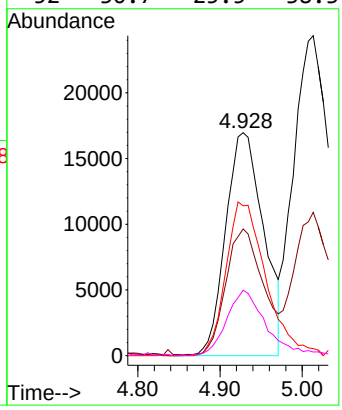




#41
Methacrylonitrile
Concen: 55.341 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 41 Resp: 5450

Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.9	68.9
67	72.5	61.2	91.8
52	30.7	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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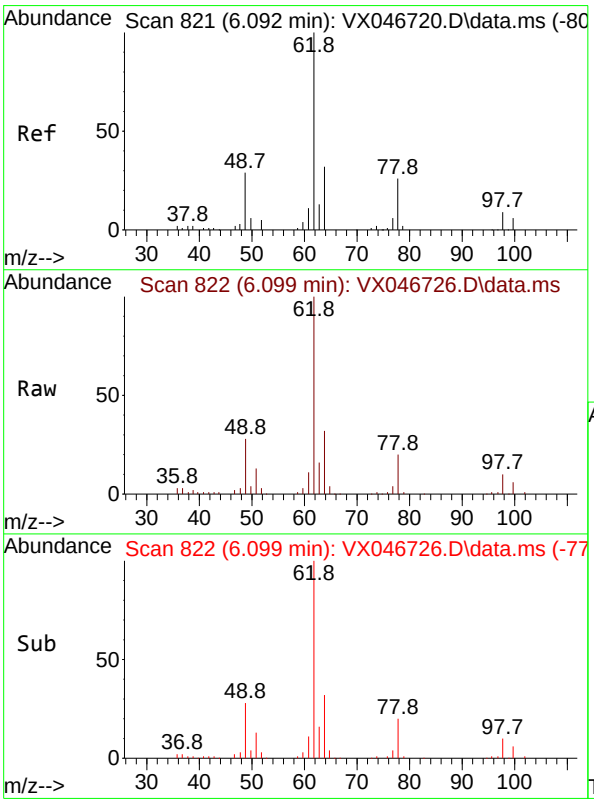
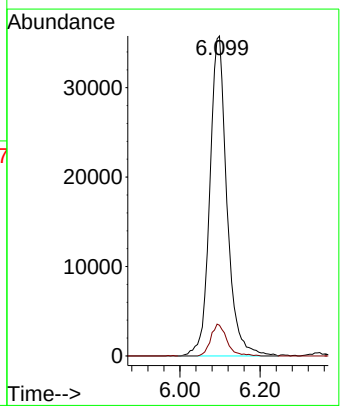
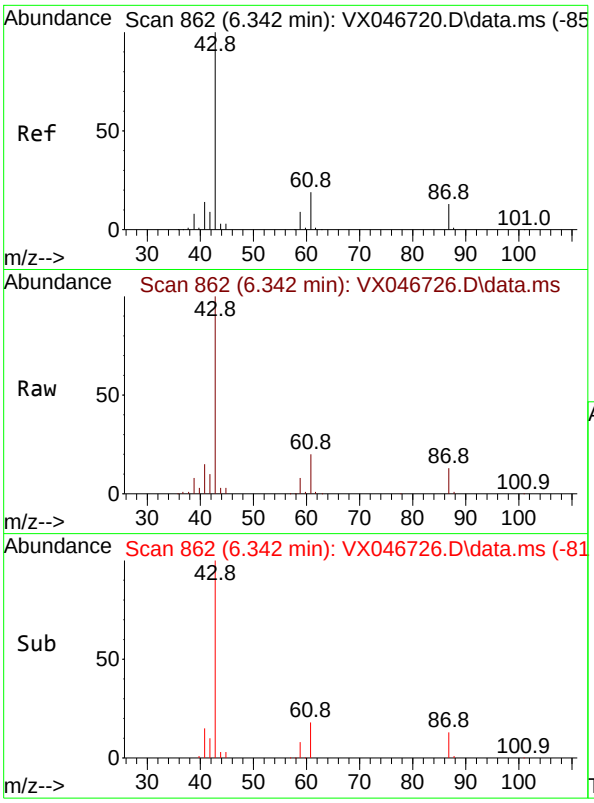


#42
1,2-Dichloroethane
Concen: 50.970 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 62 Resp: 106085

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8

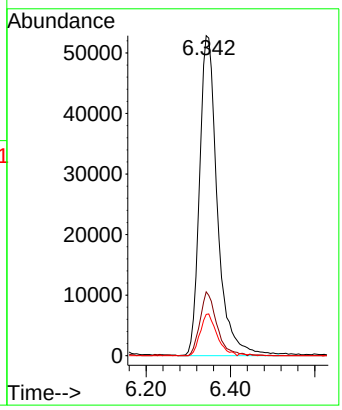




#43
Isopropyl Acetate
Concen: 53.888 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 43 Resp: 15577

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.3	22.9
87	12.2	10.0	15.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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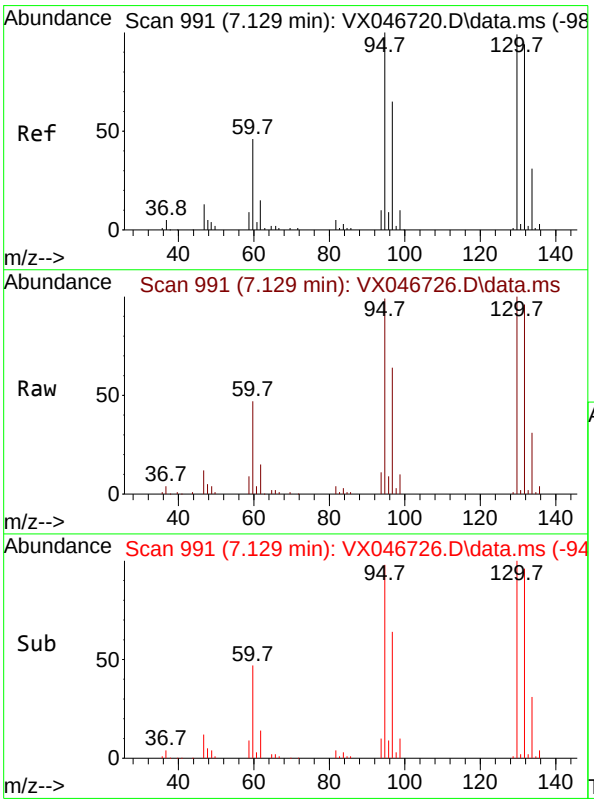
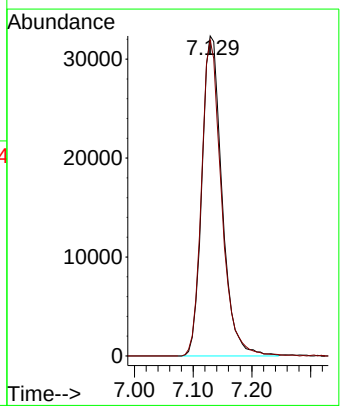
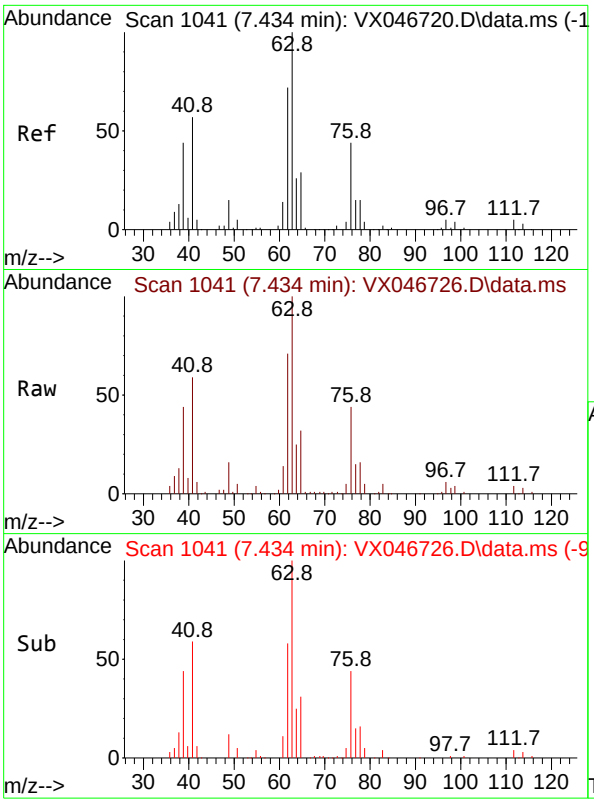


#44
Trichloroethene
Concen: 51.000 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:130 Resp: 76981

Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	202.6





#45
1,2-Dichloropropane
Concen: 50.940 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 63 Resp: 7477

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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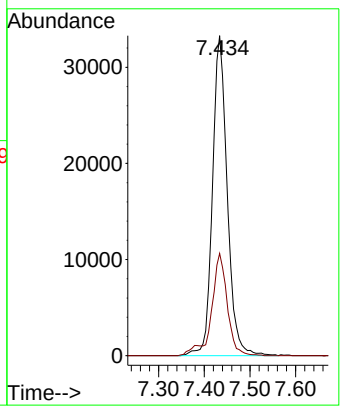
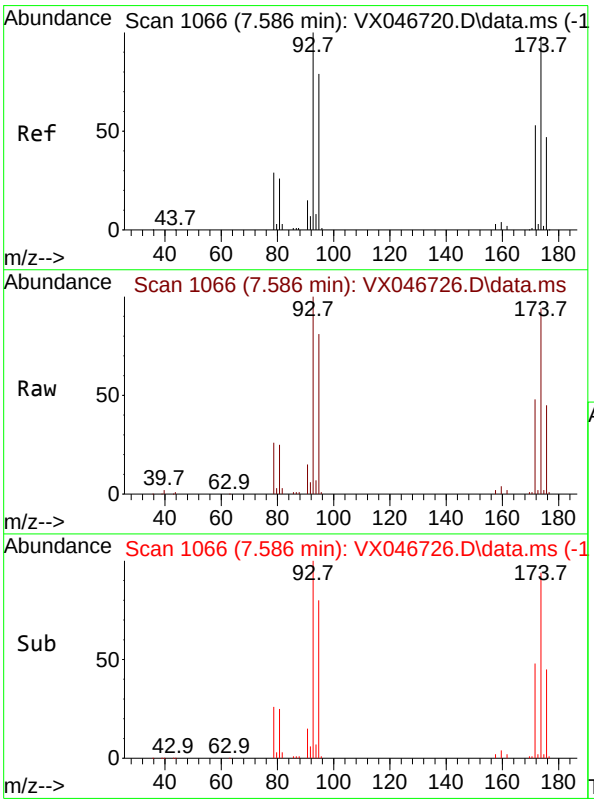
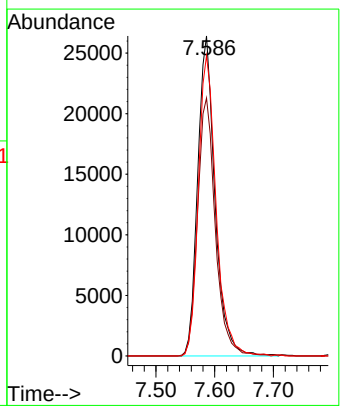


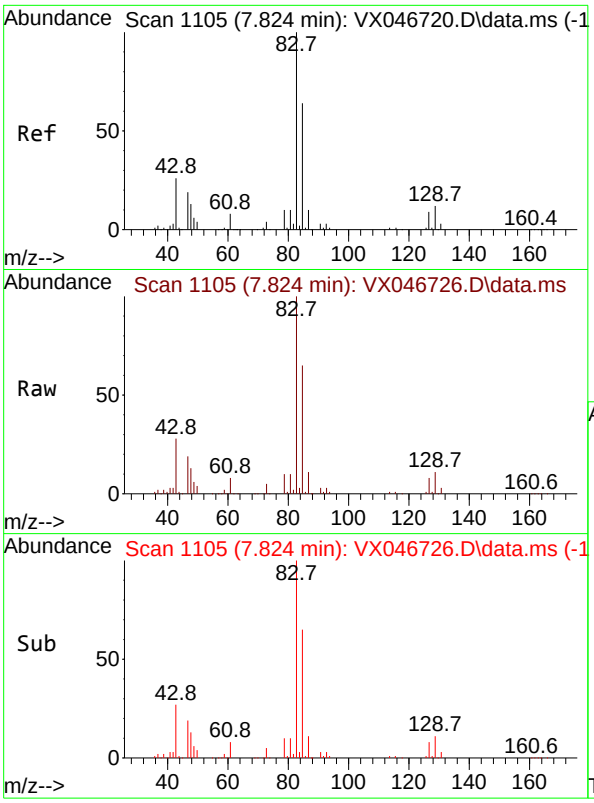


#46
Dibromomethane
Concen: 51.329 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 93 Resp: 54149

Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.2	99.4
174	96.3	77.0	115.6

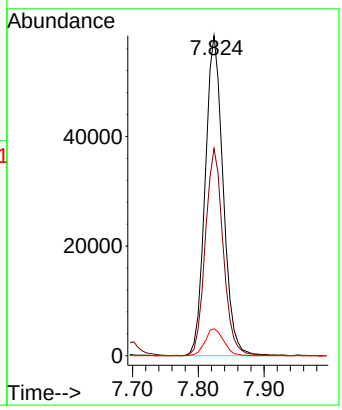




#47
Bromodichloromethane
Concen: 51.479 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 83 Resp: 11082

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.4	77.2
127	8.4	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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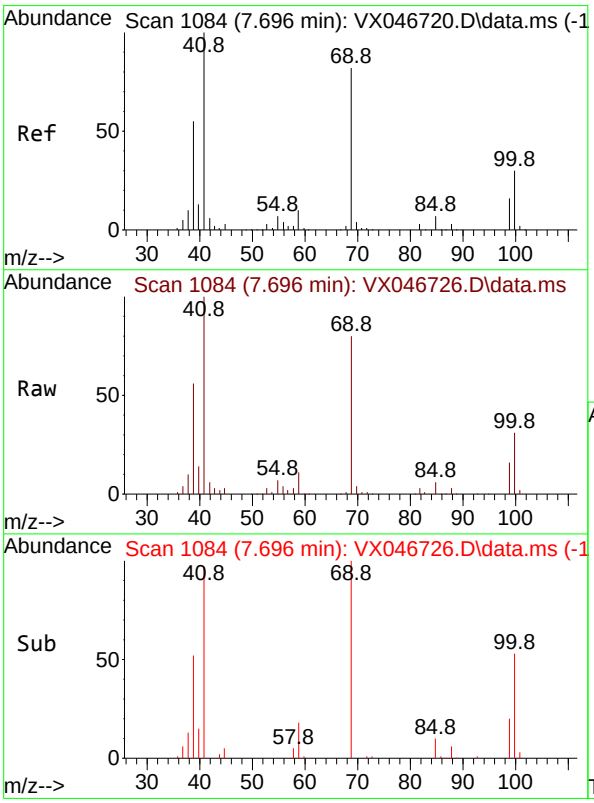
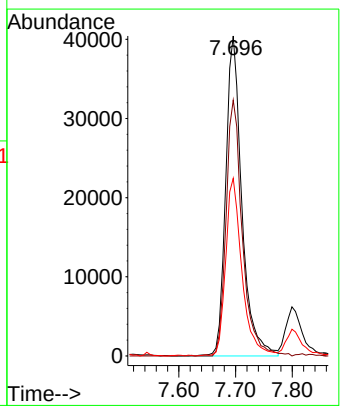
Supervised By :Mahesh Dadoda 06/18/2025

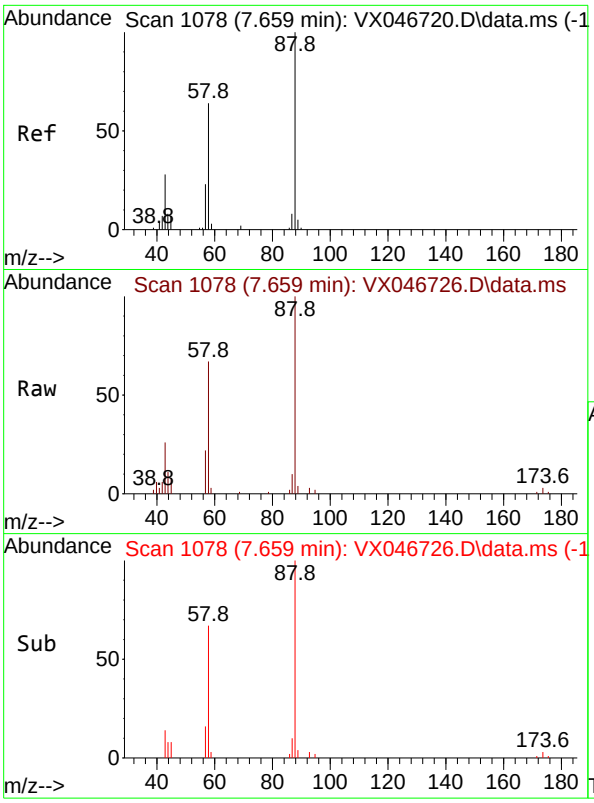


#48
Methyl methacrylate
Concen: 55.091 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 41 Resp: 79868

Ion	Ratio	Lower	Upper
41	100		
69	80.6	63.4	95.2
39	55.9	45.4	68.0

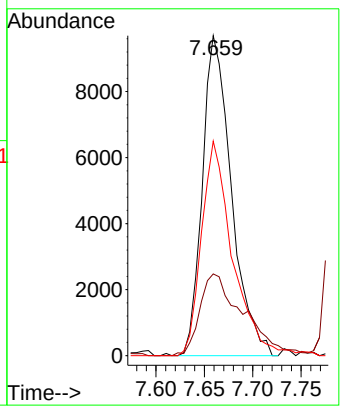




#49
1,4-Dioxane
Concen: 964.253 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 88 Resp: 2031

Ion	Ratio	Lower	Upper
88	100		
43	38.3	31.2	46.8
58	72.0	54.7	82.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
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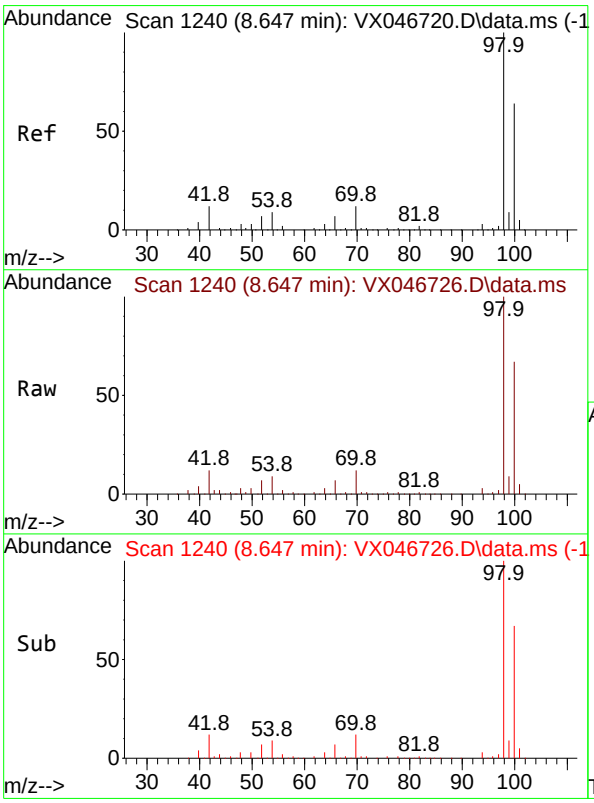
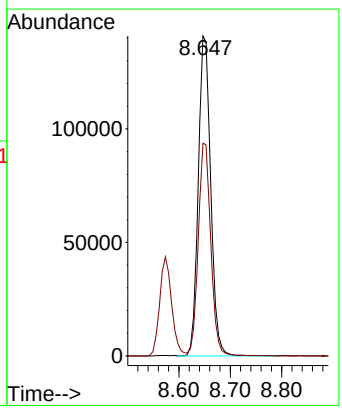
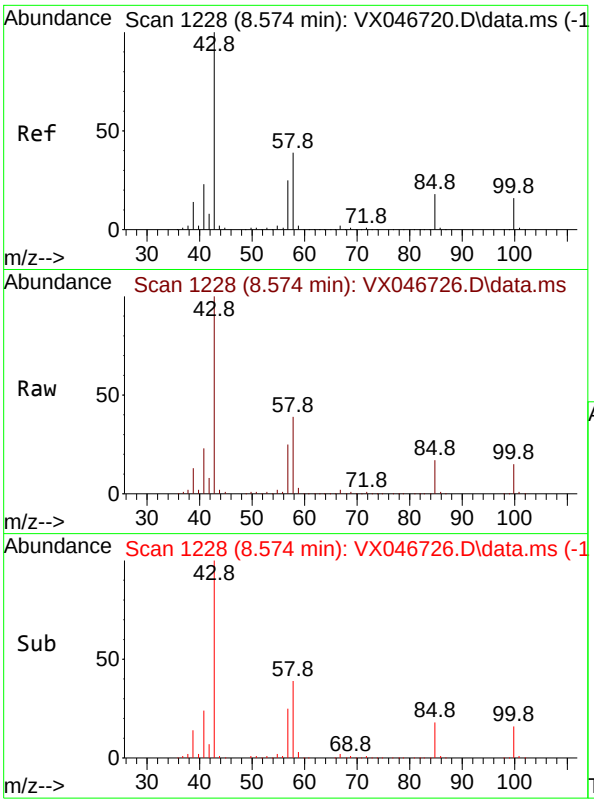


#50
Toluene-d8
Concen: 47.537 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 98 Resp: 236781

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4

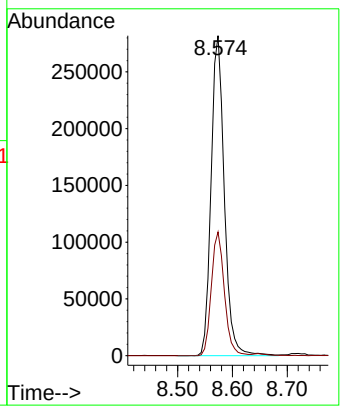




#51
4-Methyl-2-Pentanone
Concen: 272.916 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 43 Resp: 47052

Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.8	46.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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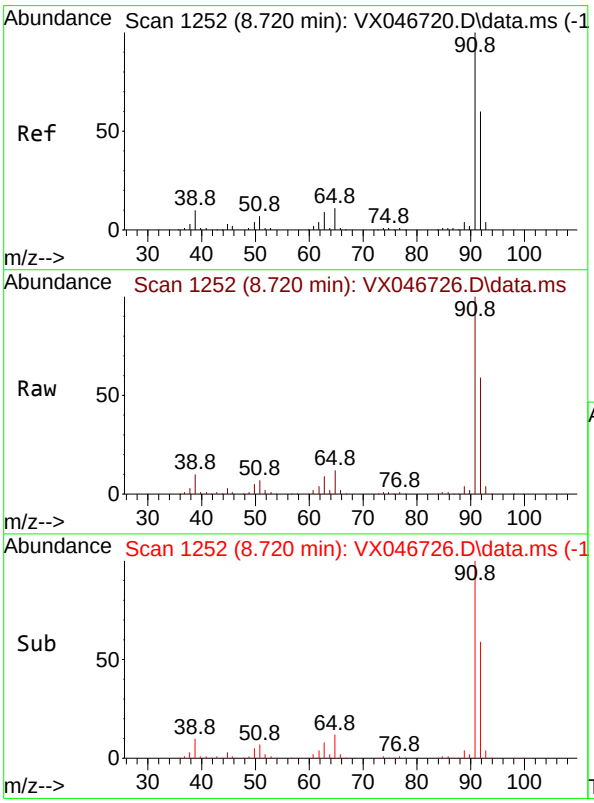
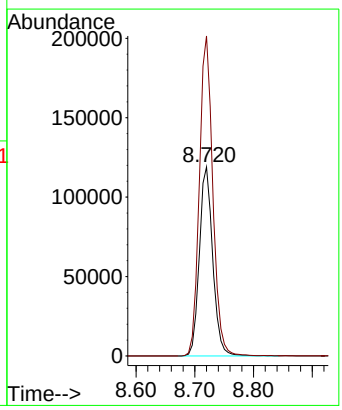
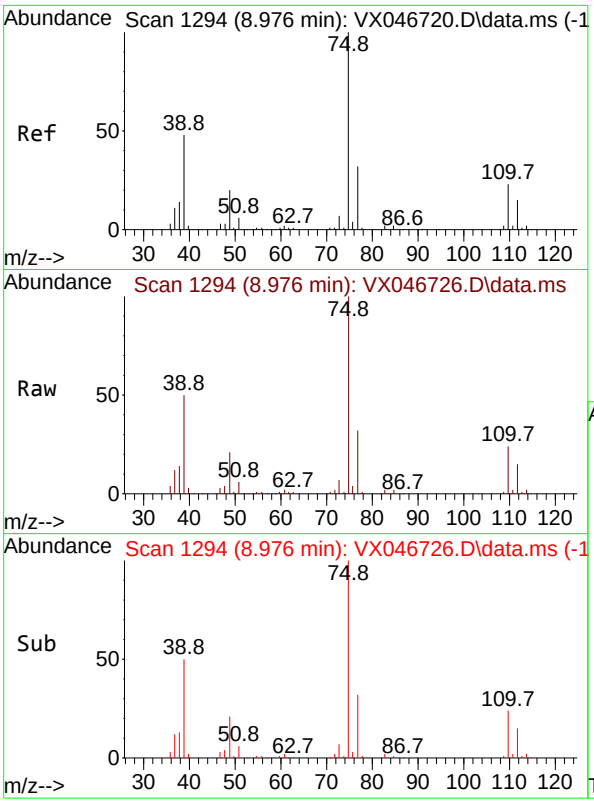


#52
Toluene
Concen: 51.237 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 92 Resp: 188131

Ion	Ratio	Lower	Upper
92	100		
91	170.4	134.8	202.2

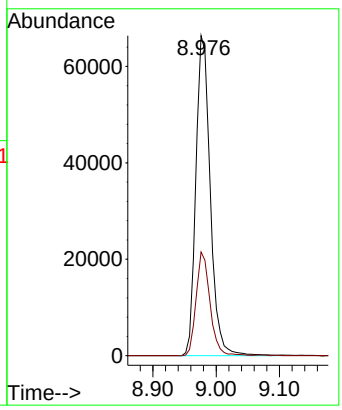




#53
t-1,3-Dichloropropene
Concen: 52.785 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 75 Resp: 10543

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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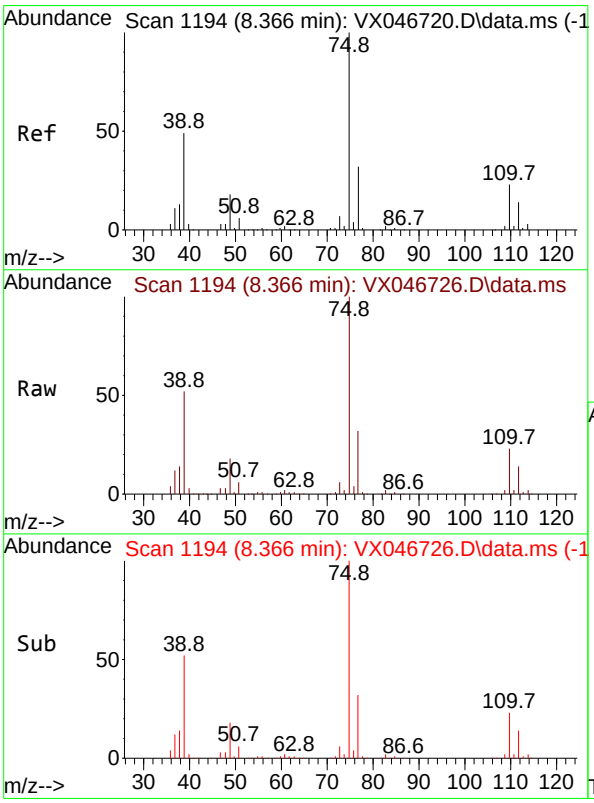
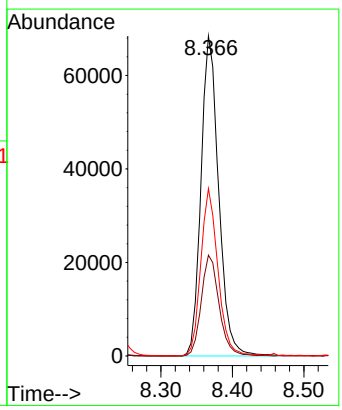
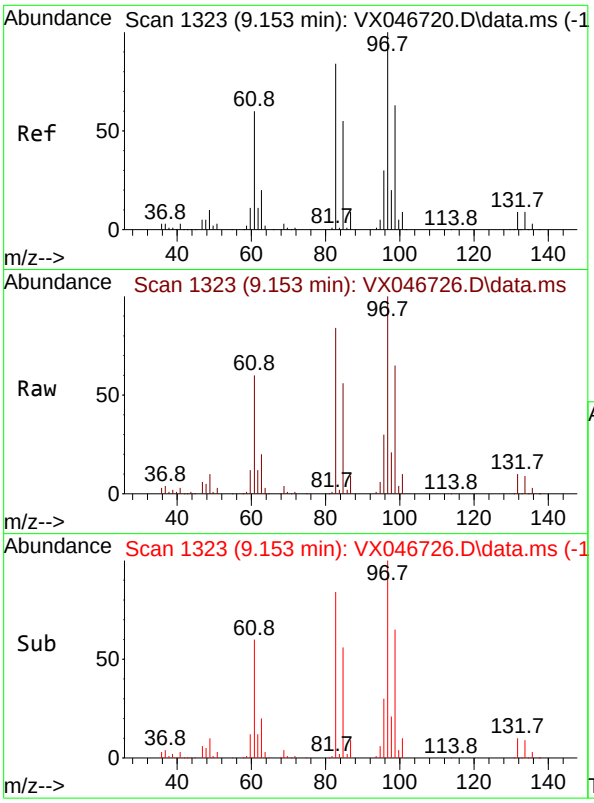


#54
cis-1,3-Dichloropropene
Concen: 51.813 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 75 Resp: 117487

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	52.2	39.2	58.8

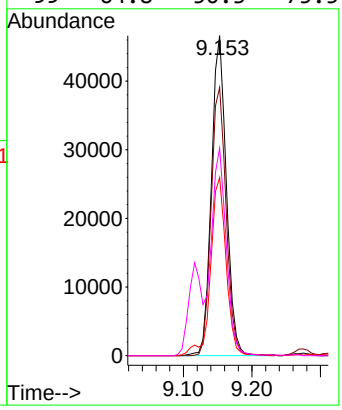




#55
1,1,2-Trichloroethane
Concen: 51.698 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 97 Resp: 7073

Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.2	100.8
85	55.5	44.1	66.1
99	64.8	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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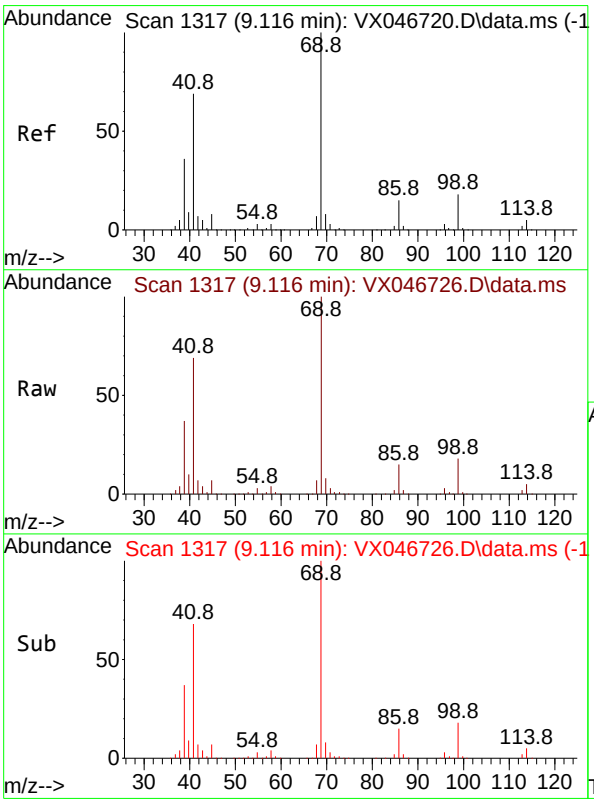
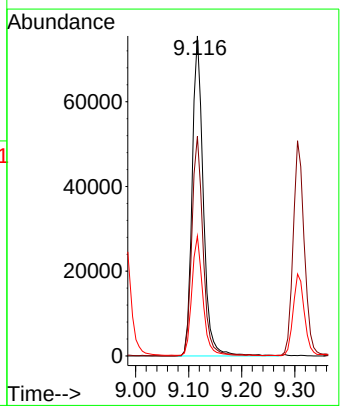
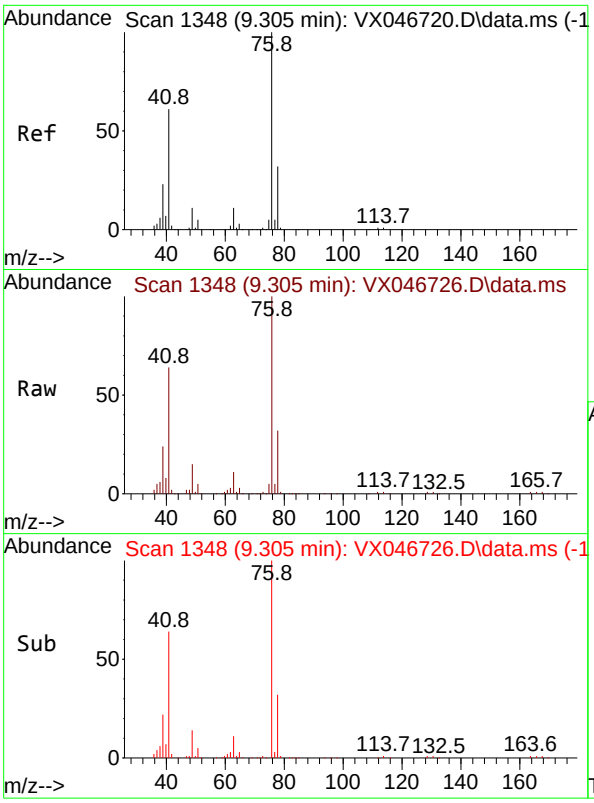


#56
Ethyl methacrylate
Concen: 54.266 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 69 Resp: 109612

Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	36.7	29.7	44.5





#57
1,3-Dichloropropane
Concen: 51.625 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 76 Resp: 12164

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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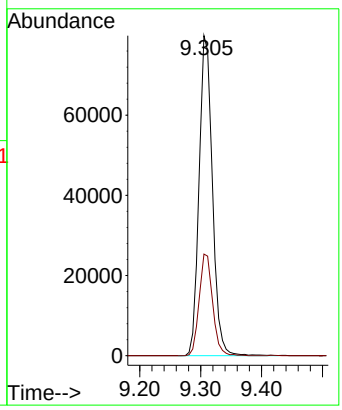
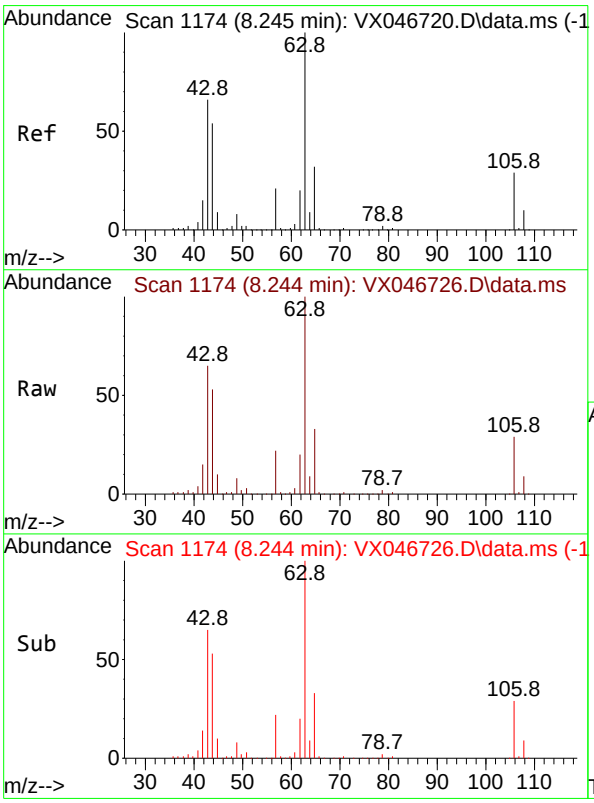
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

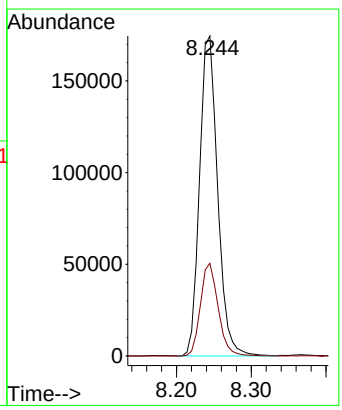


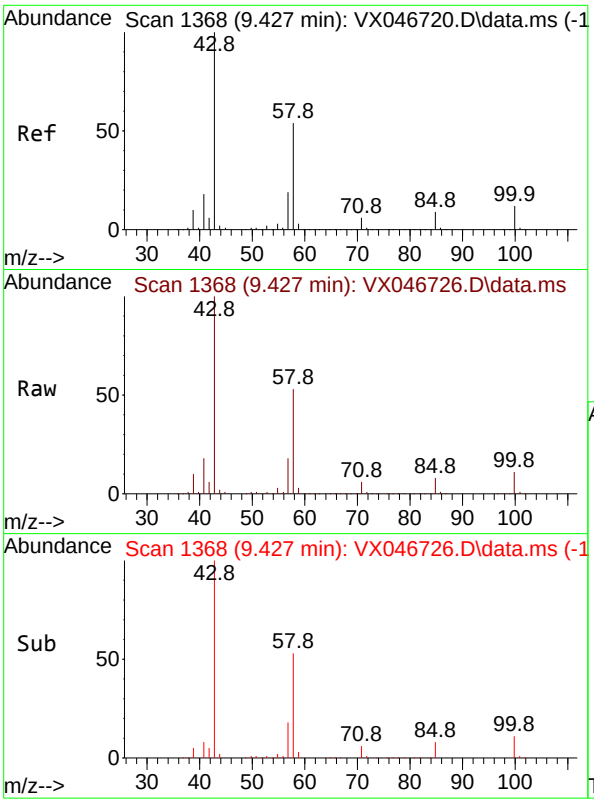


#58
2-Chloroethyl Vinyl ether
Concen: 279.922 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 63 Resp: 293709

Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.6	34.0





#59
2-Hexanone
Concen: 273.982 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 43 Resp: 32656

Ion	Ratio	Lower	Upper
43	100		
58	54.1	26.8	80.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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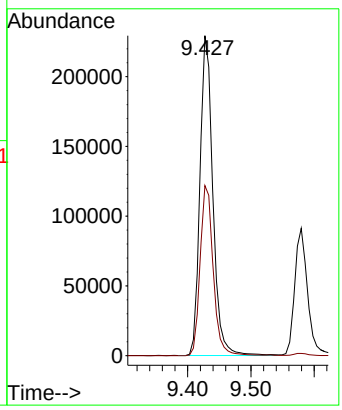
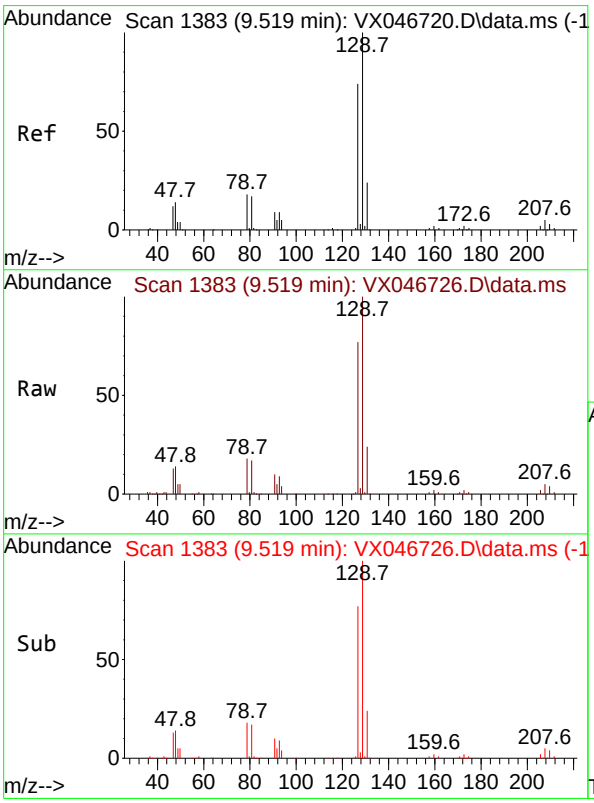
Supervised By :Mahesh Dadoda 06/18/2025

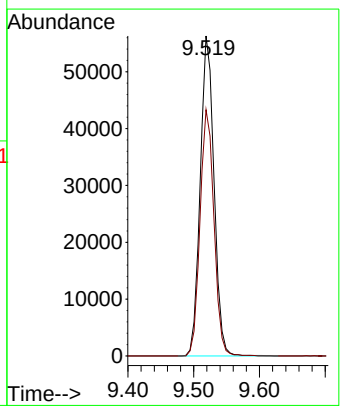


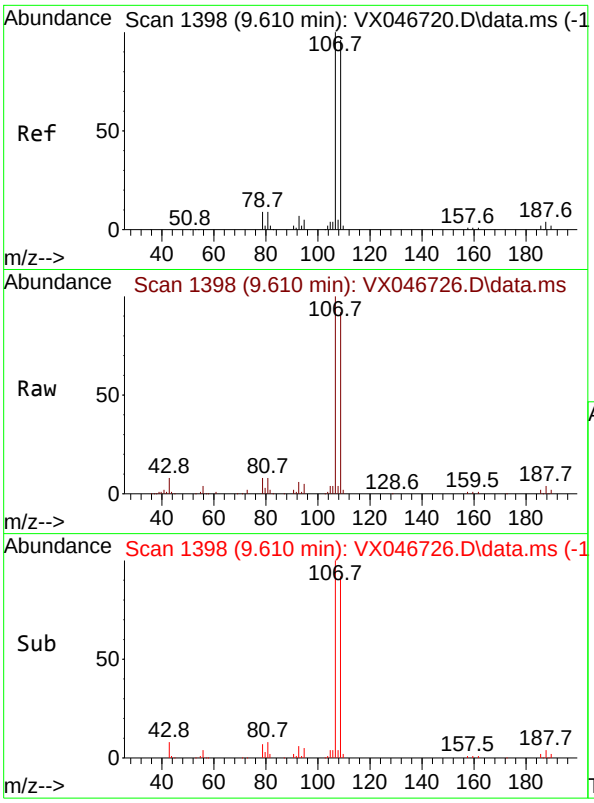


#60
Dibromochloromethane
Concen: 50.997 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:129 Resp: 82234

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2





#61
1,2-Dibromoethane
Concen: 52.268 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:107 Resp: 7274

Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.8	113.6

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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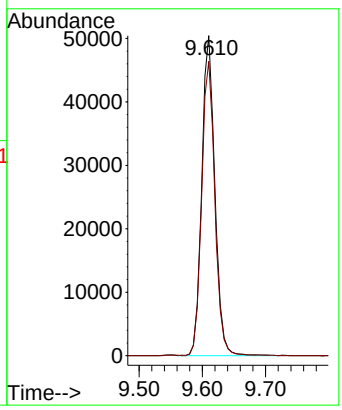
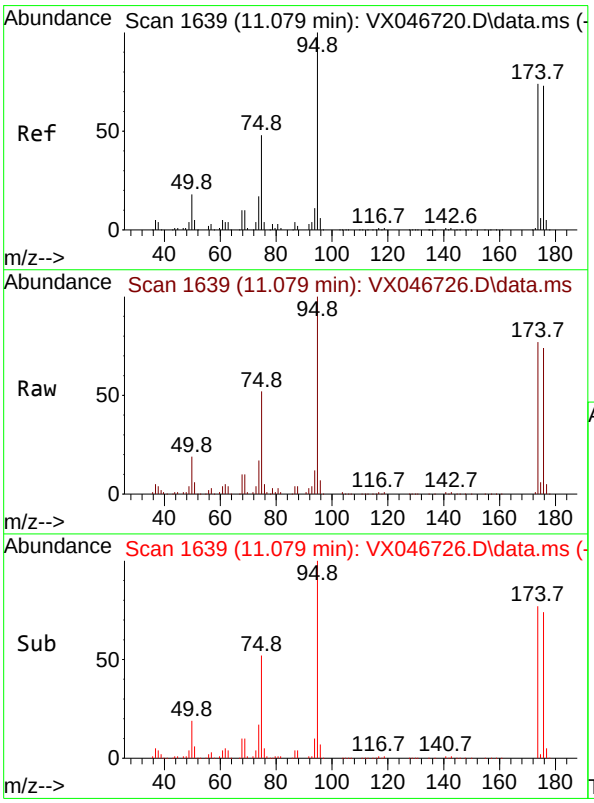
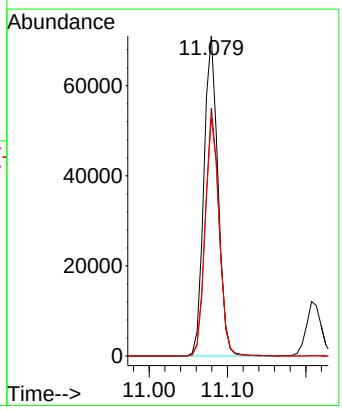


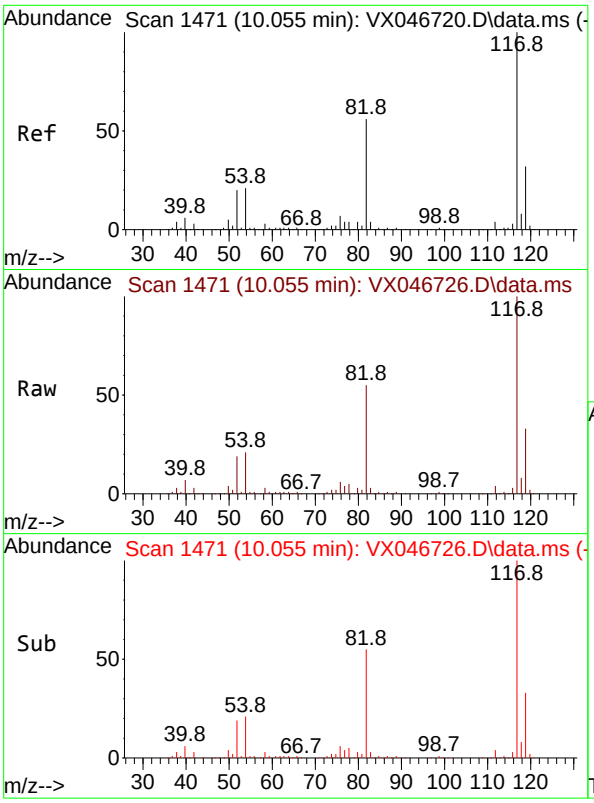


#62
4-Bromofluorobenzene
Concen: 47.712 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 95 Resp: 88588

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	150.4
176	73.6	0.0	145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:117 Resp: 18476

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	66.8
119	32.9	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
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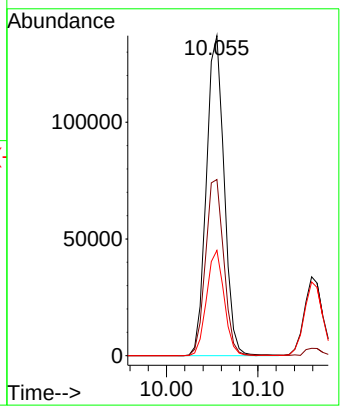
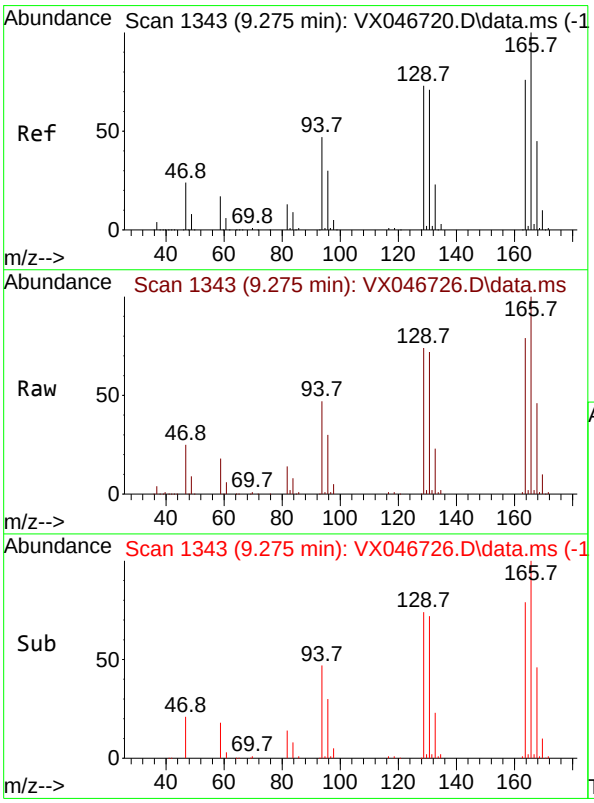
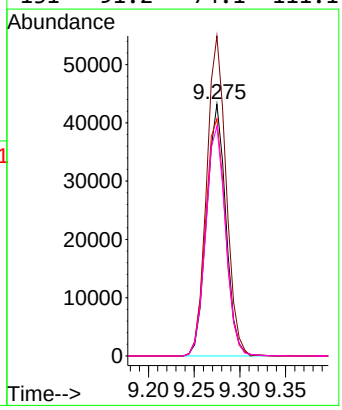


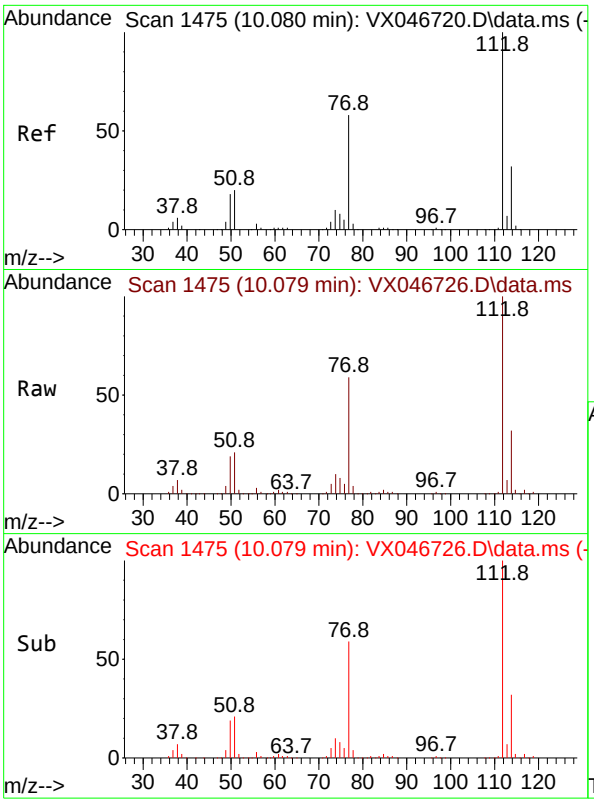


#64
Tetrachloroethene
Concen: 49.172 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:164 Resp: 62943

Ion	Ratio	Lower	Upper
164	100		
166	127.1	104.6	157.0
129	94.2	76.3	114.5
131	91.2	74.1	111.1

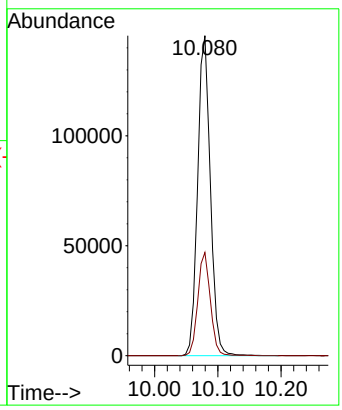




#65
Chlorobenzene
Concen: 50.006 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:112 Resp: 20394

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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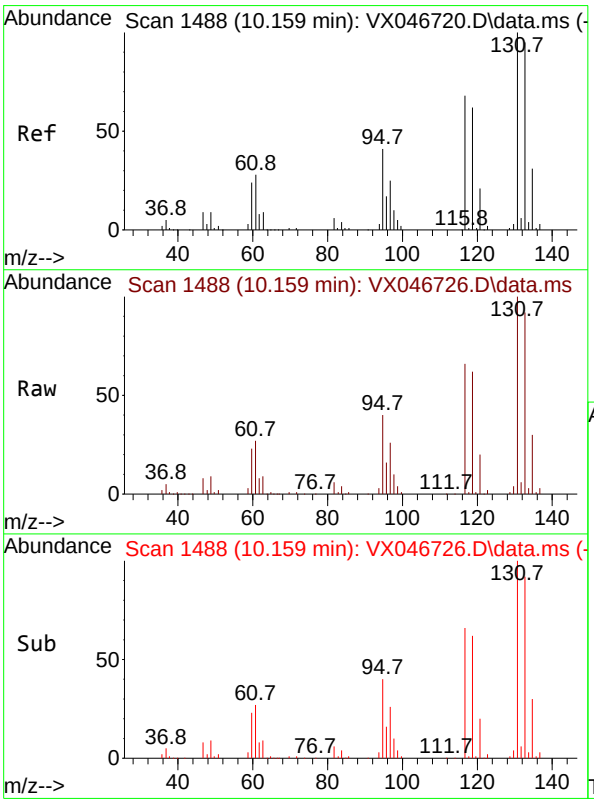
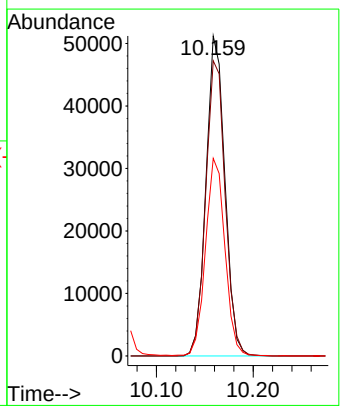
Supervised By :Mahesh Dadoda 06/18/2025

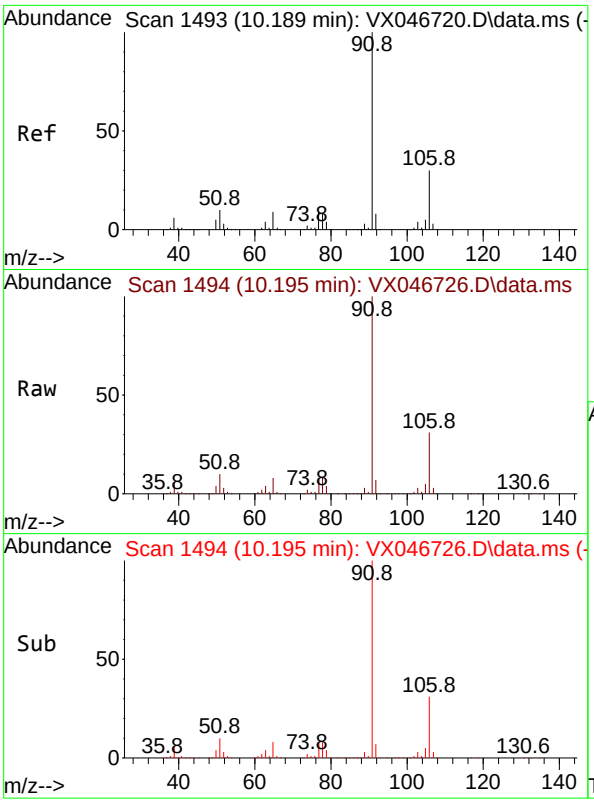


#66
1,1,1,2-Tetrachloroethane
Concen: 50.856 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:131 Resp: 69709

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	141.8
119	63.5	32.1	96.3

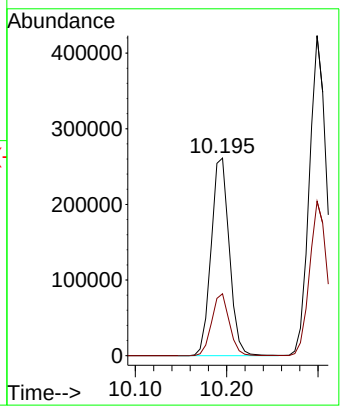




#67
Ethyl Benzene
Concen: 50.487 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 91 Resp: 35977

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.2	36.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
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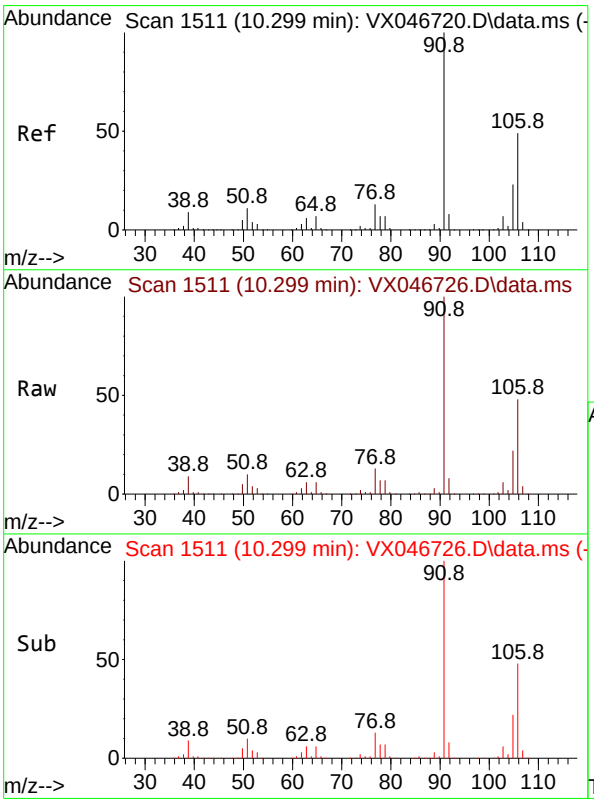
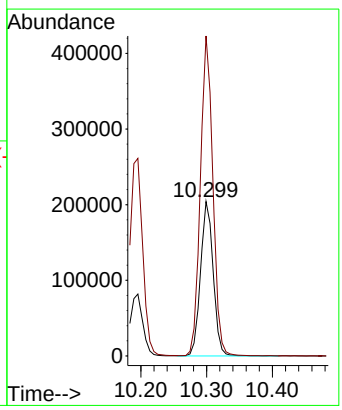
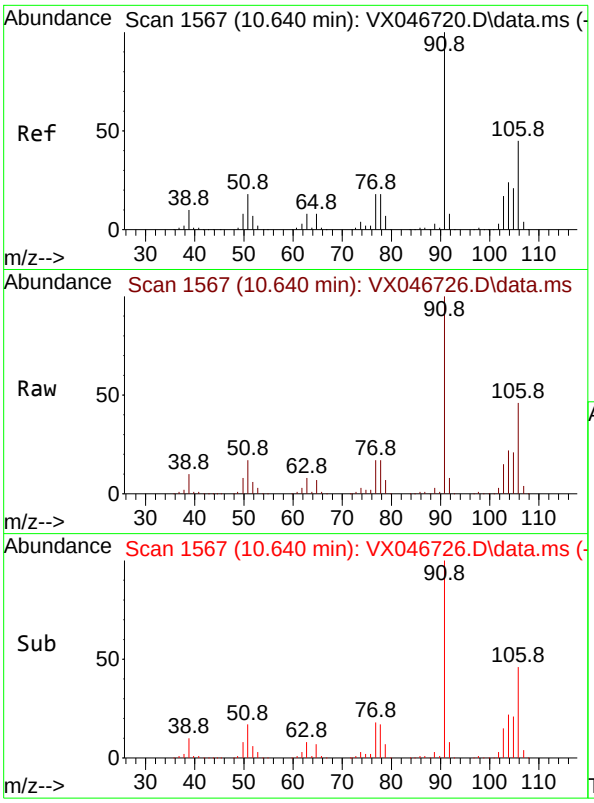


#68
m/p-Xylenes
Concen: 102.789 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:106 Resp: 272935

Ion	Ratio	Lower	Upper
106	100		
91	205.2	164.8	247.2





#69
o-Xylene
Concen: 52.635 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:106 Resp: 13098

Ion	Ratio	Lower	Upper
106	100		
91	218.4	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
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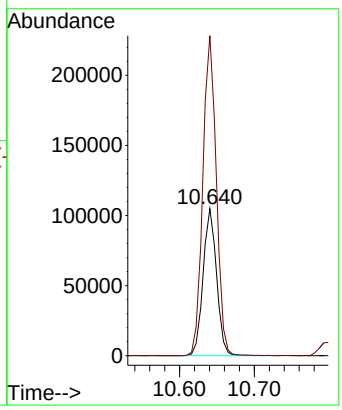
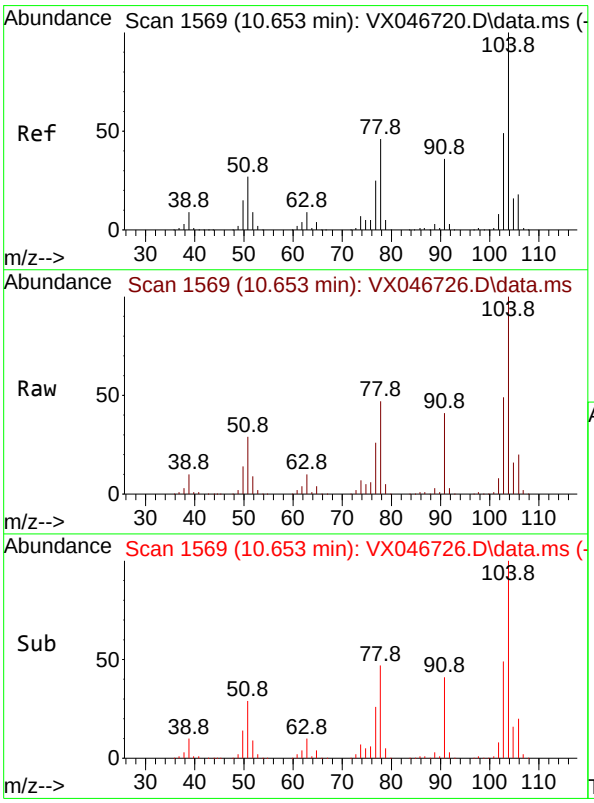
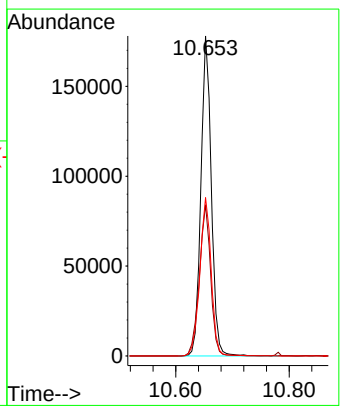


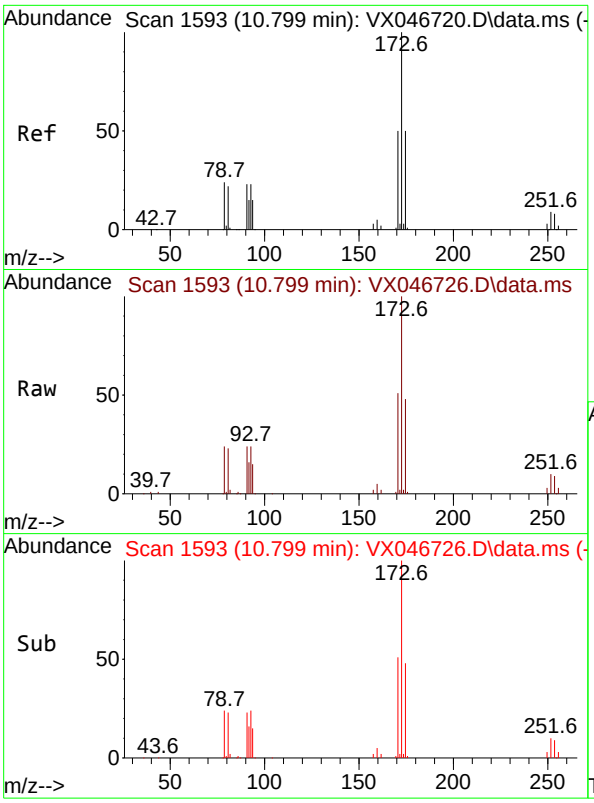


#70
Styrene
Concen: 52.139 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:104 Resp: 227060

Ion	Ratio	Lower	Upper
104	100		
78	51.7	41.4	62.2
103	54.1	43.1	64.7

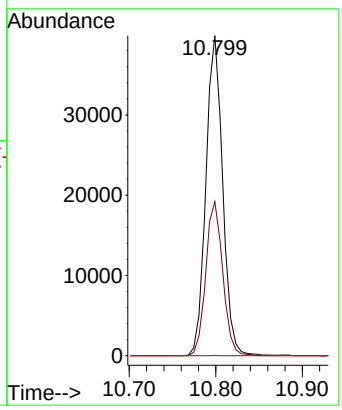




#71
Bromoform
Concen: 51.404 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:173 Resp: 5366

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
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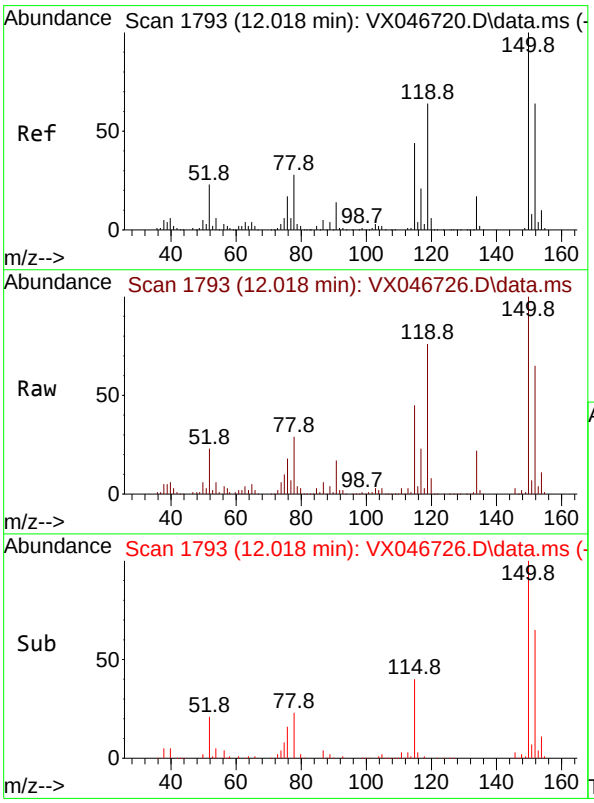
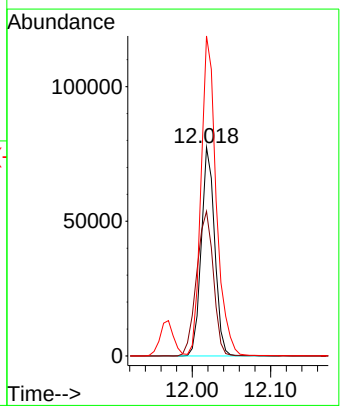
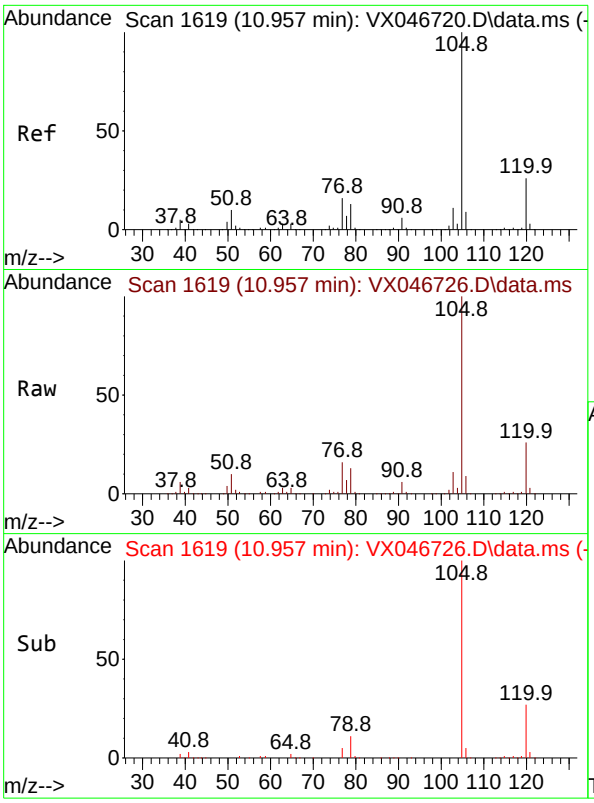


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:152 Resp: 91992

Ion	Ratio	Lower	Upper
152	100		
115	86.9	43.2	129.6
150	174.0	0.0	346.8





#73
Isopropylbenzene
Concen: 51.083 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:105 Resp: 34609

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
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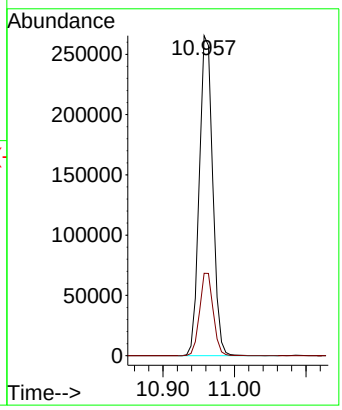
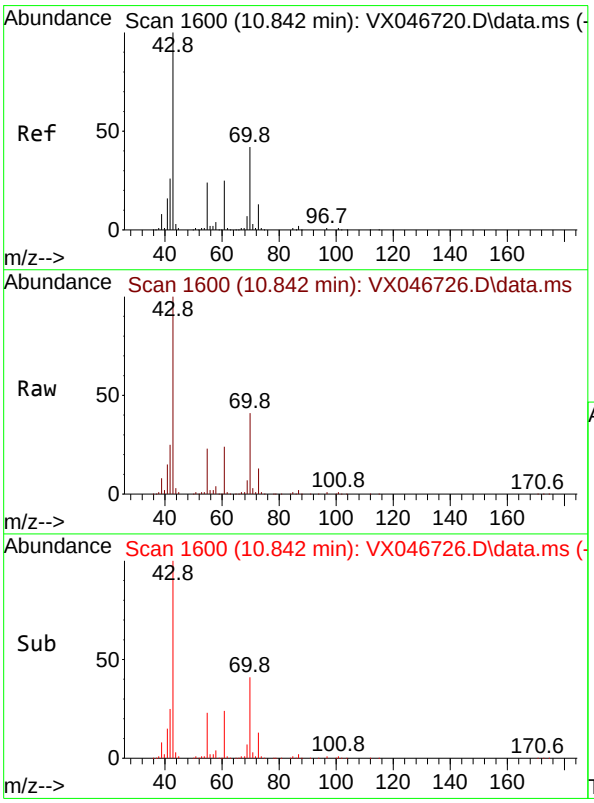
Supervised By :Mahesh Dadoda 06/18/2025

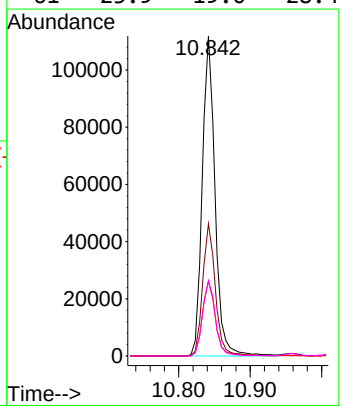


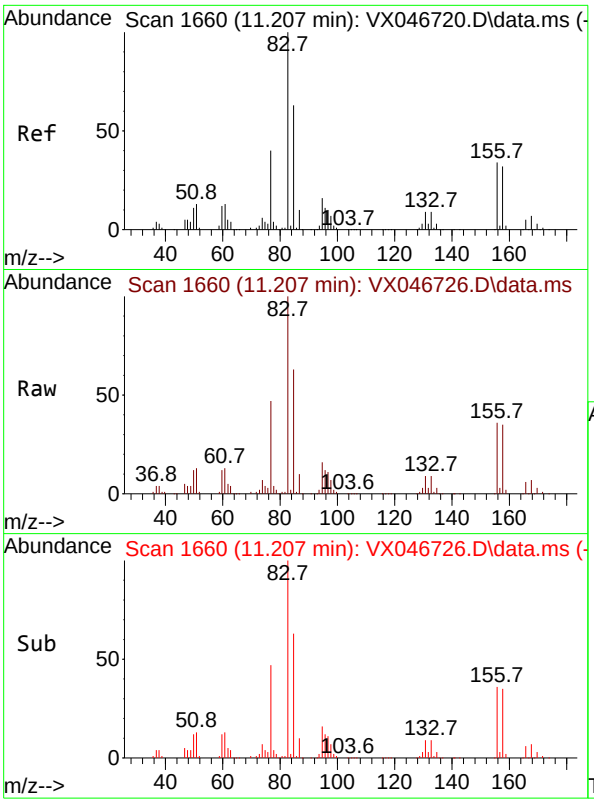


#74
N-amyl acetate
Concen: 54.107 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 43 Resp: 138890

Ion	Ratio	Lower	Upper
43	100		
70	41.5	33.4	50.0
55	23.9	19.1	28.7
61	23.9	19.0	28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 52.310 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 83 Resp: 9896

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.6
85	64.7	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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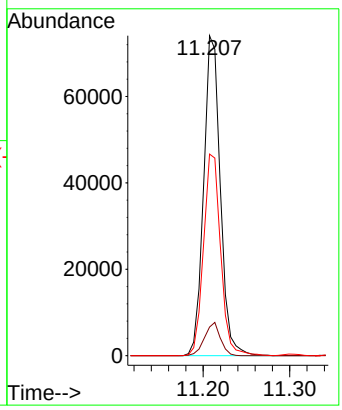
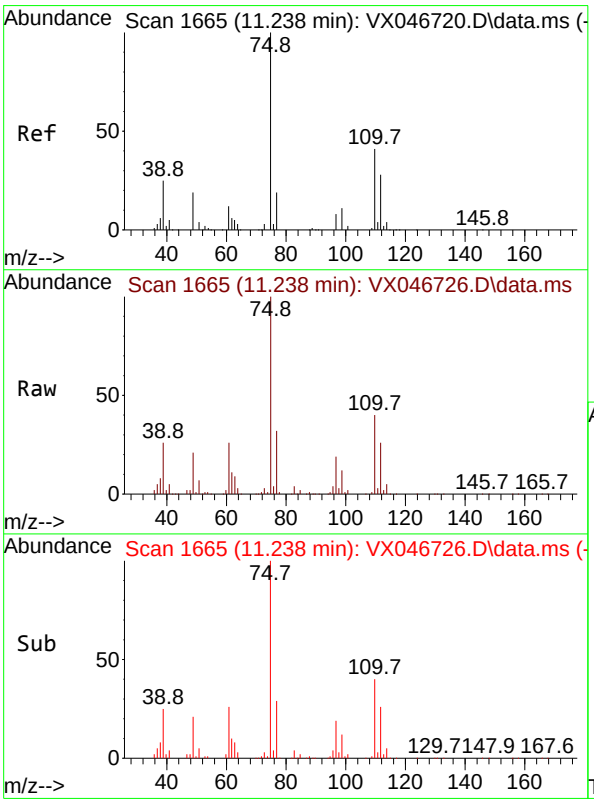
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

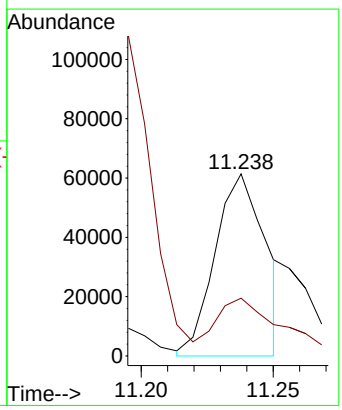


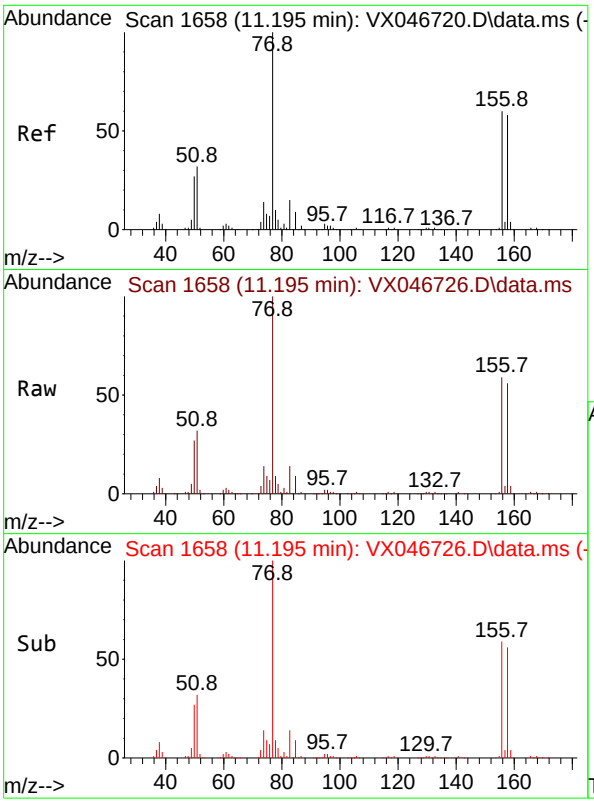


#76
1,2,3-Trichloropropane
Concen: 48.286 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 75 Resp: 81355

Ion	Ratio	Lower	Upper
75	100		
77	41.9	18.5	55.5

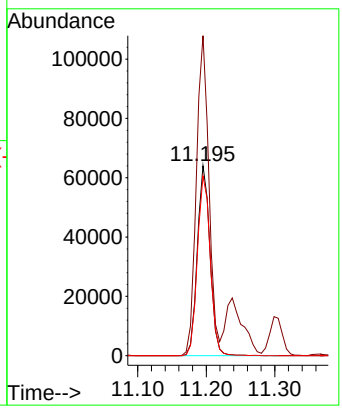




#77
Bromobenzene
Concen: 50.611 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:156 Resp: 8251

Ion	Ratio	Lower	Upper
156	100		
77	167.0	82.8	248.6
158	96.2	47.6	142.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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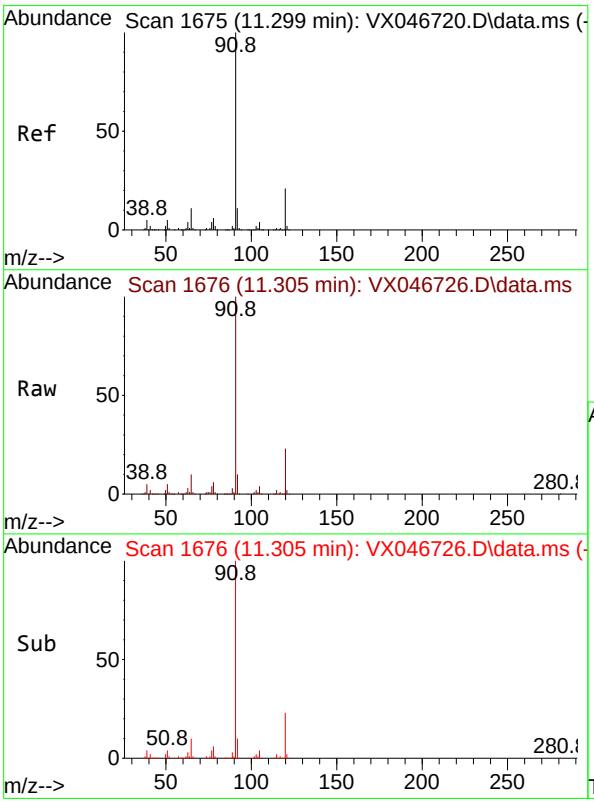
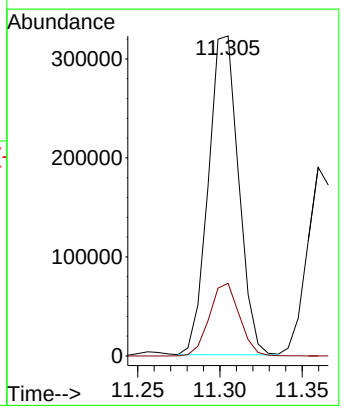
Supervised By :Mahesh Dadoda 06/18/2025

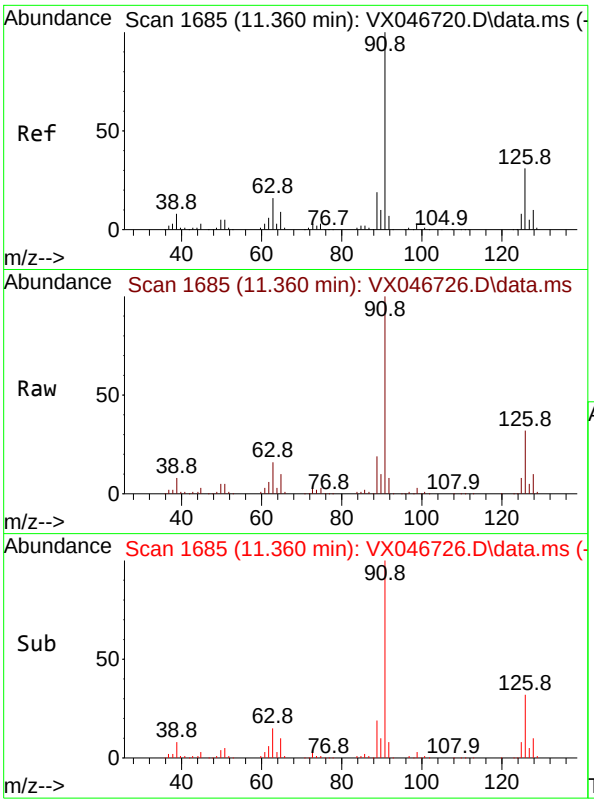


#78
n-propylbenzene
Concen: 51.240 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 91 Resp: 412345

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1





#79
2-Chlorotoluene
Concen: 49.931 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 91 Resp: 23990

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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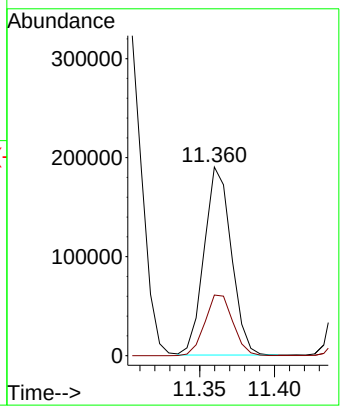
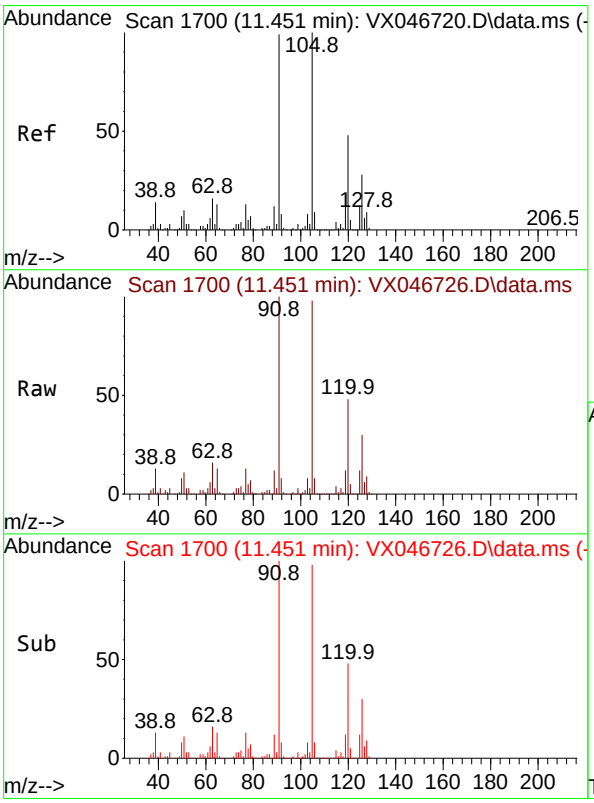
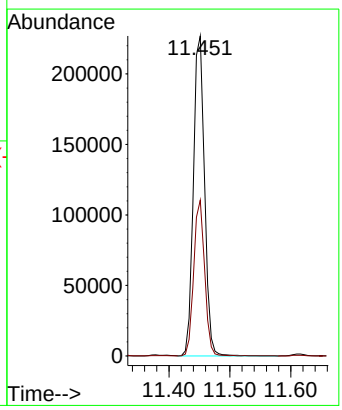


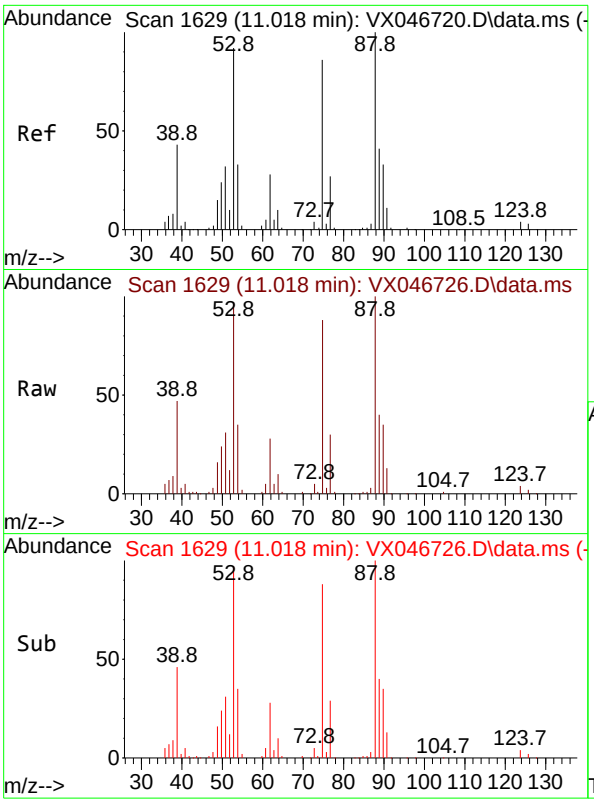


#80
1,3,5-Trimethylbenzene
Concen: 51.746 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:105 Resp: 288104

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 50.210 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 75 Resp: 2992

Ion	Ratio	Lower	Upper
75	100		
53	109.9	86.8	130.2
89	45.3	36.9	55.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
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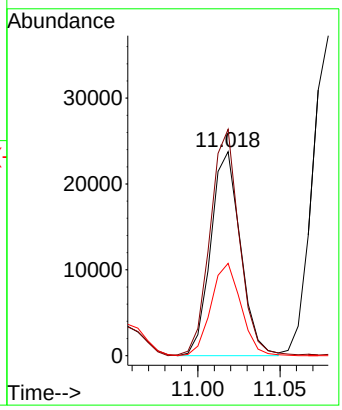
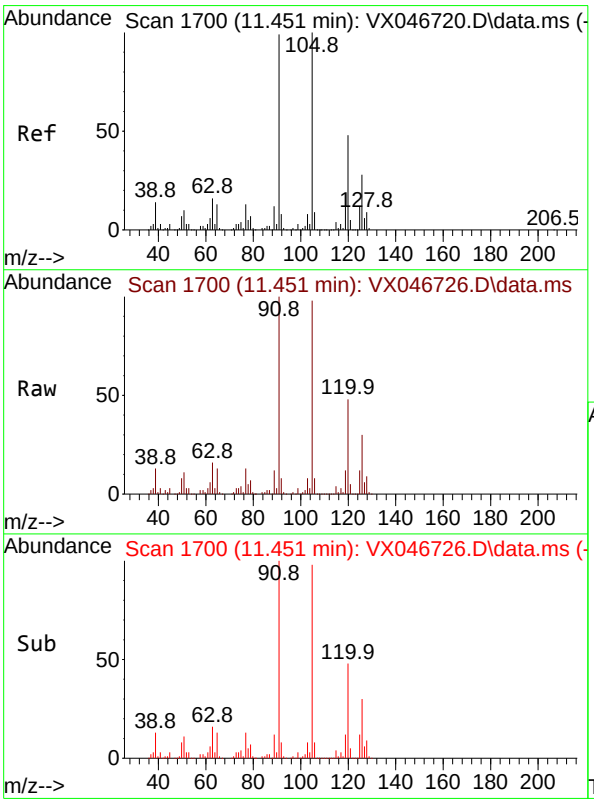
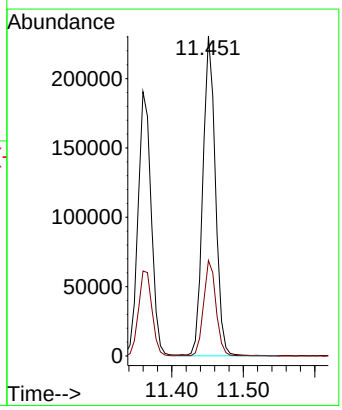


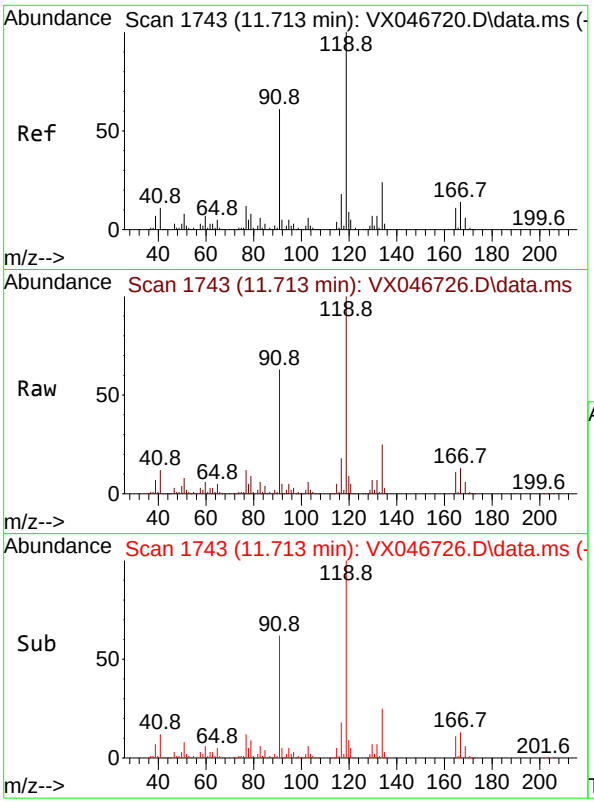


#82
4-Chlorotoluene
Concen: 50.085 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 91 Resp: 280848

Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.4	43.2





#83
tert-Butylbenzene
Concen: 49.958 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:119 Resp: 28751

Ion	Ratio	Lower	Upper
119	100		
91	60.6	29.5	88.6
134	23.5	11.7	35.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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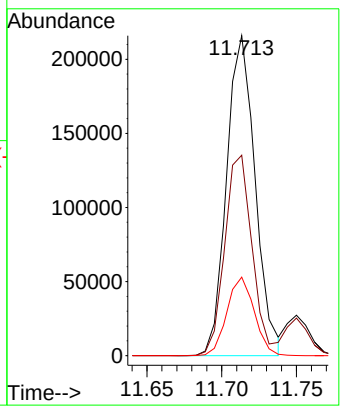
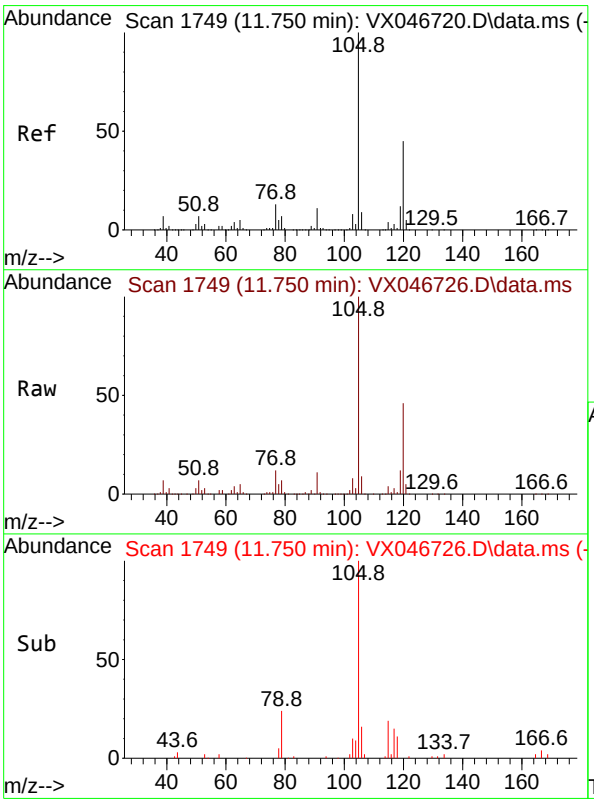
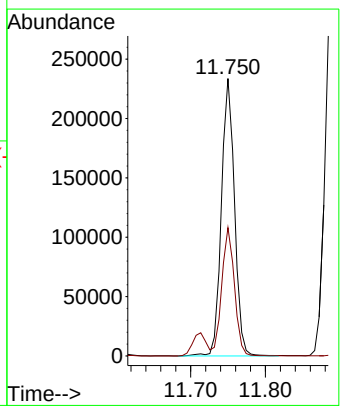


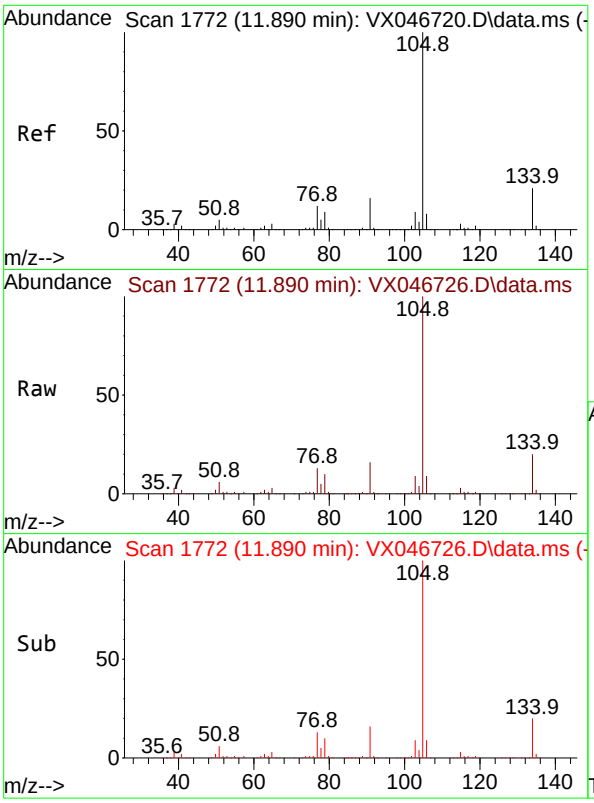


#84
1,2,4-Trimethylbenzene
Concen: 51.193 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:105 Resp: 286365

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.3

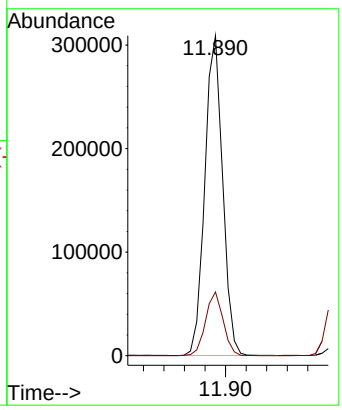




#85
sec-Butylbenzene
Concen: 51.079 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:105 Resp: 37152

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
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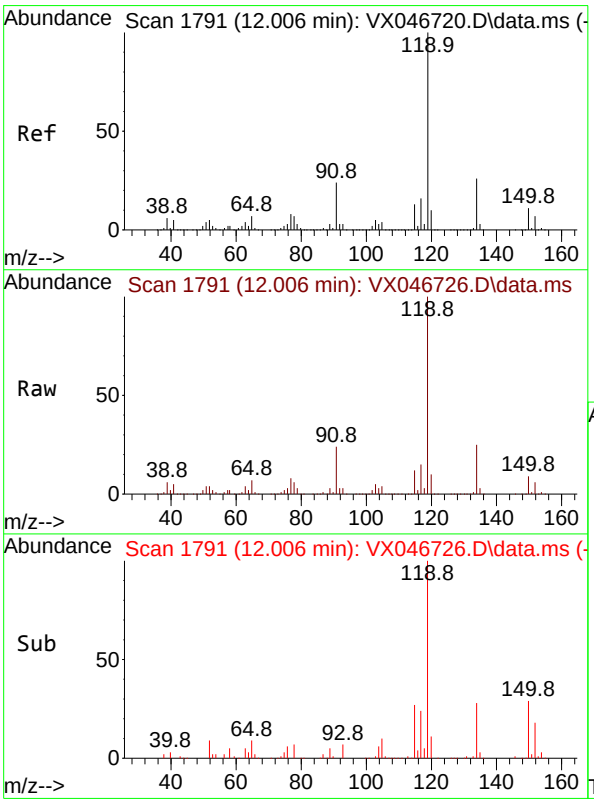
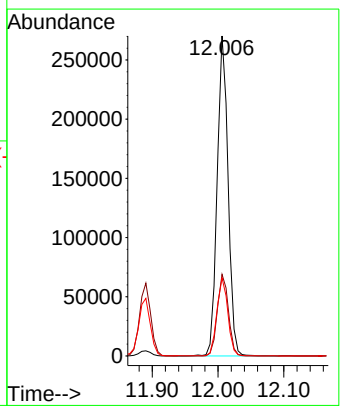
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

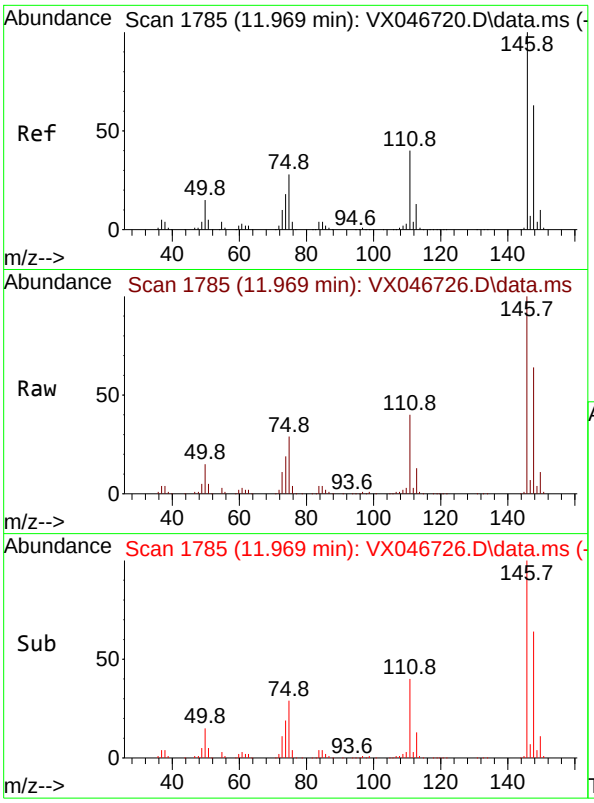


#86
p-Isopropyltoluene
Concen: 50.791 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:119 Resp: 311698

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	24.6	12.3	36.9

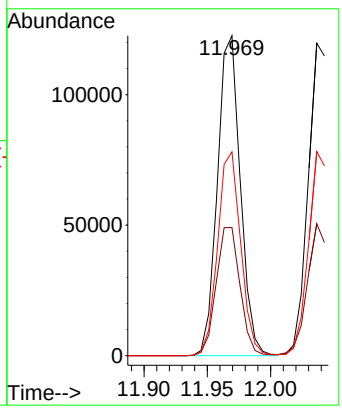




#87
1,3-Dichlorobenzene
Concen: 48.501 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:146 Resp: 15418

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.6	61.8
148	64.2	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
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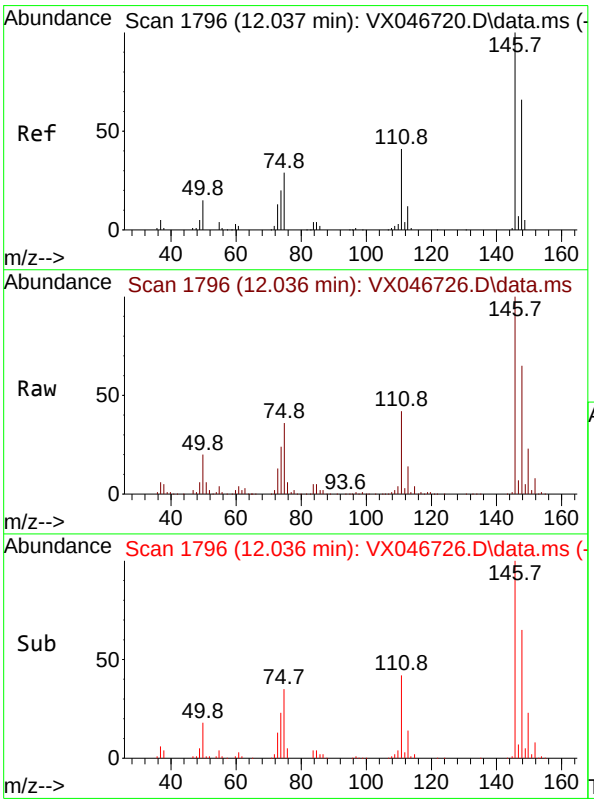
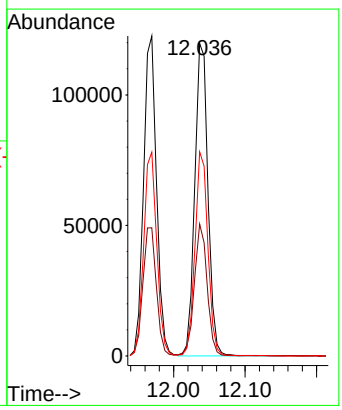
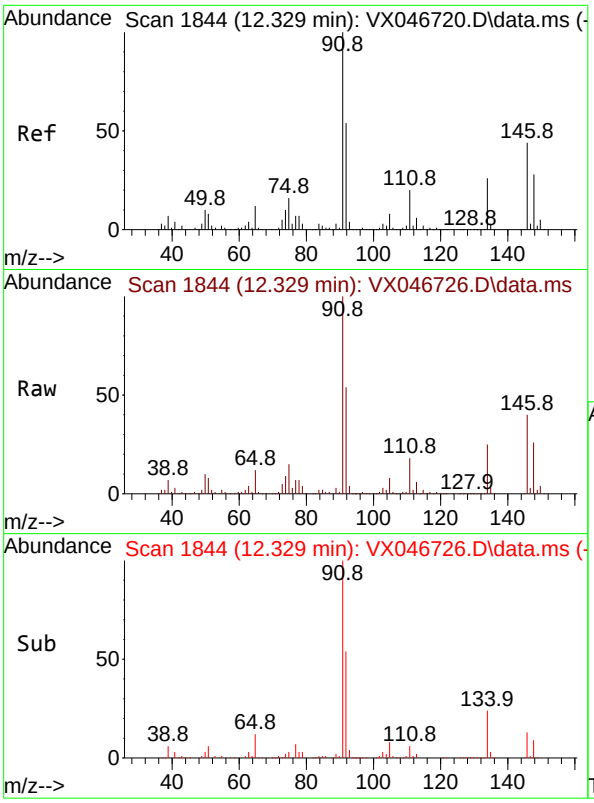


#88
1,4-Dichlorobenzene
Concen: 46.906 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:146 Resp: 153158

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	64.0	32.1	96.5





#89
n-Butylbenzene
Concen: 50.829 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 91 Resp: 29617

Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	25.4	12.9	38.6

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
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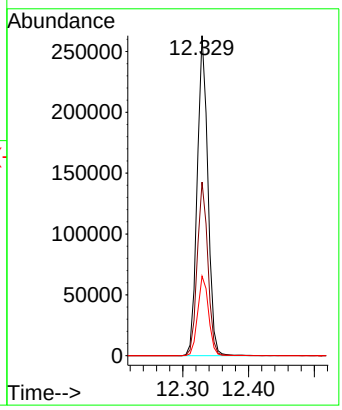
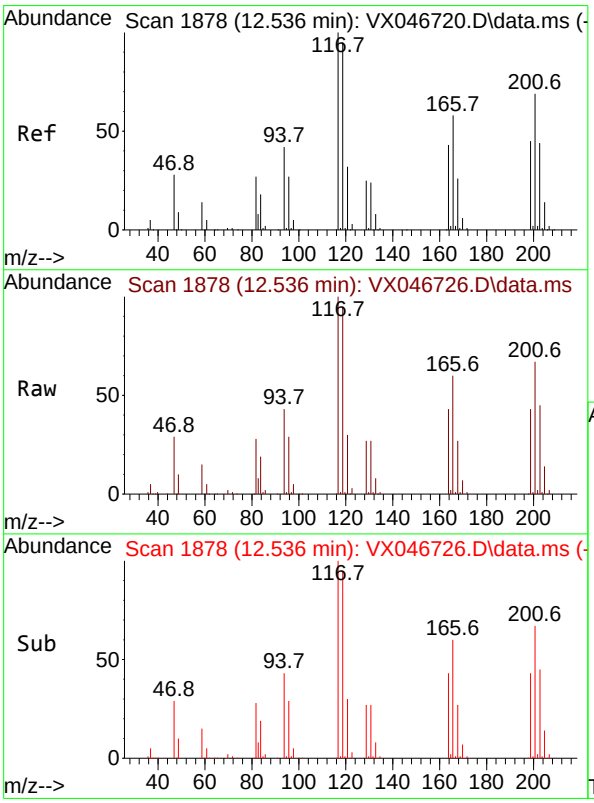
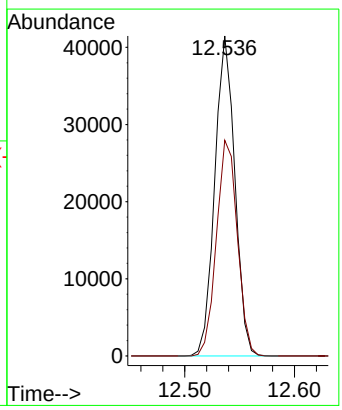


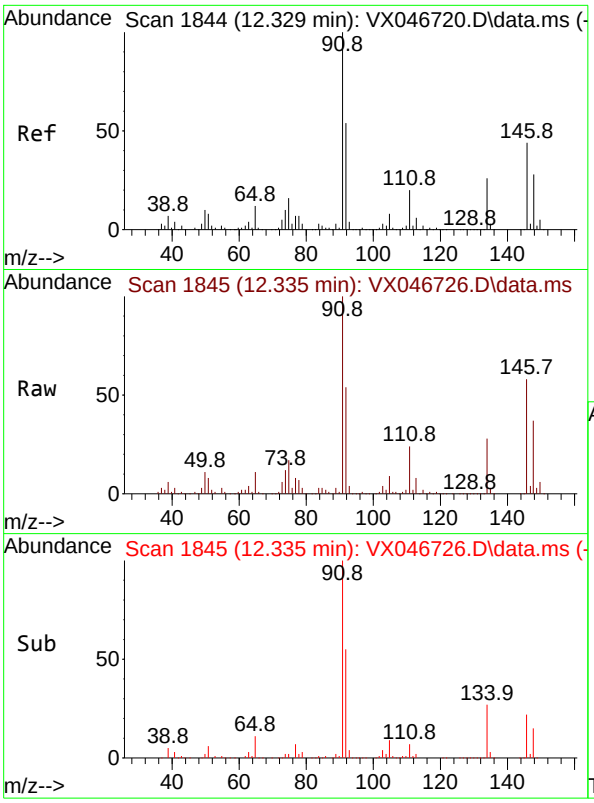


#90
Hexachloroethane
Concen: 49.161 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:117 Resp: 52831

Ion	Ratio	Lower	Upper
117	100		
201	70.3	34.4	103.3

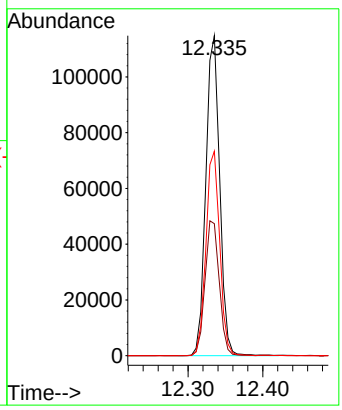




#91
1,2-Dichlorobenzene
Concen: 49.672 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:146 Resp: 14756

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.7	65.1
148	63.5	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
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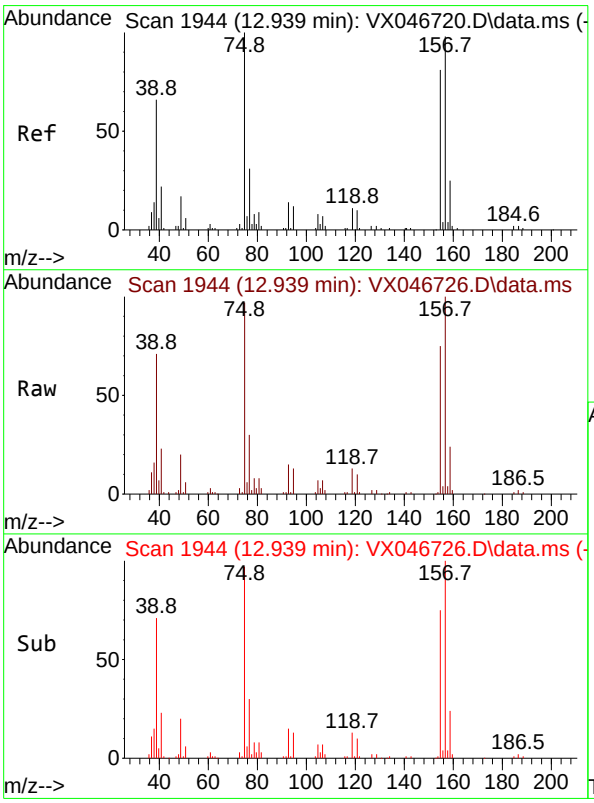
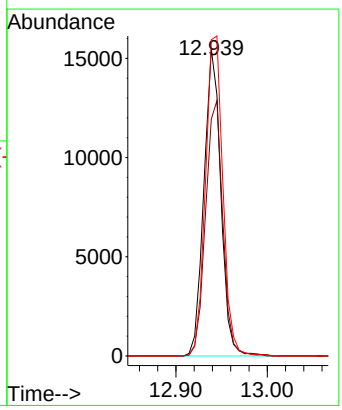
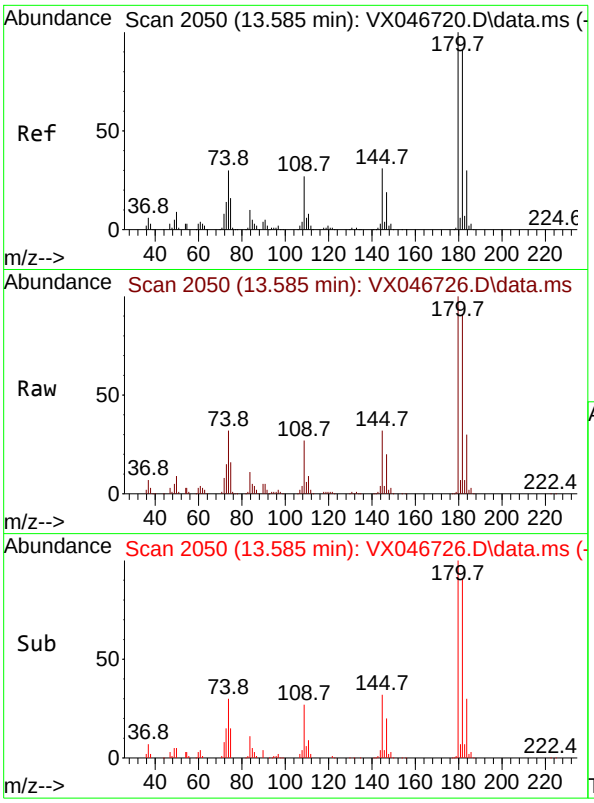


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.151 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 75 Resp: 19851

Ion	Ratio	Lower	Upper
75	100		
155	84.6	41.9	125.7
157	107.2	51.4	154.3

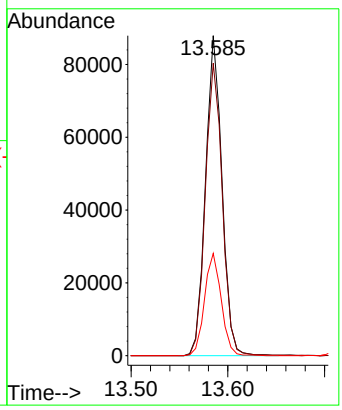




#93
1,2,4-Trichlorobenzene
Concen: 49.369 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:180 Resp: 10426

Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.7	140.1
145	32.5	15.8	47.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

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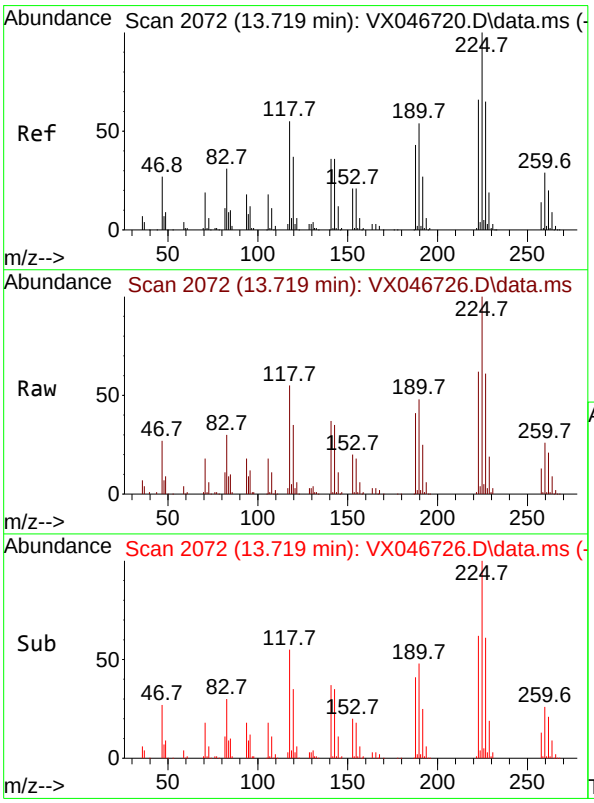
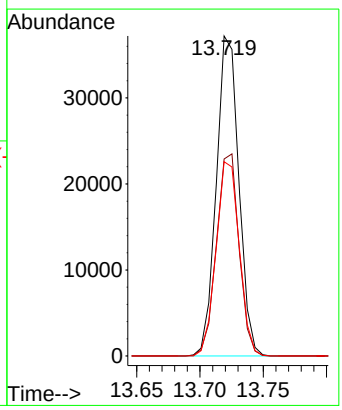
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

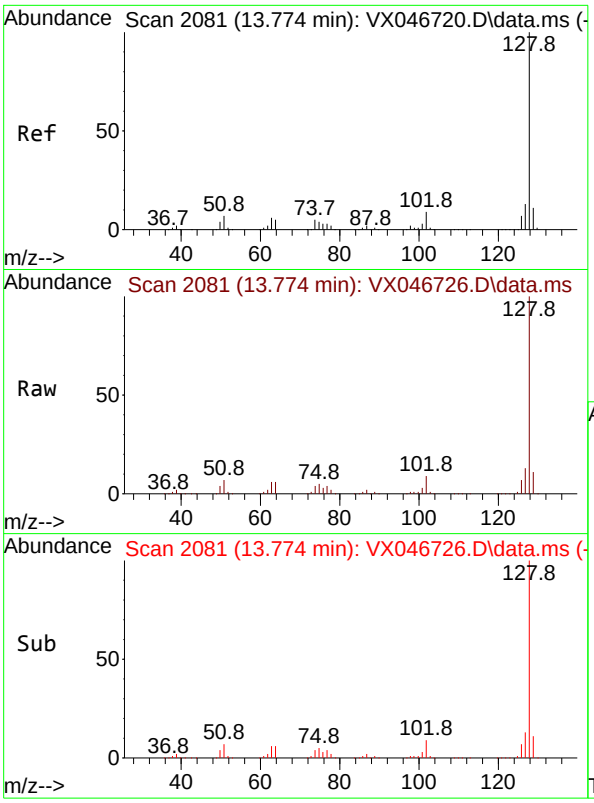


#94
Hexachlorobutadiene
Concen: 51.729 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:225 Resp: 45958

Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.5	97.5
227	62.5	32.2	96.6

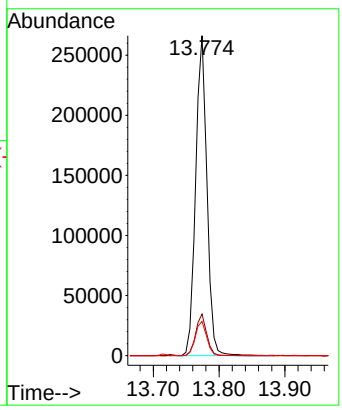




#95
Naphthalene
Concen: 52.462 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:128 Resp: 31566

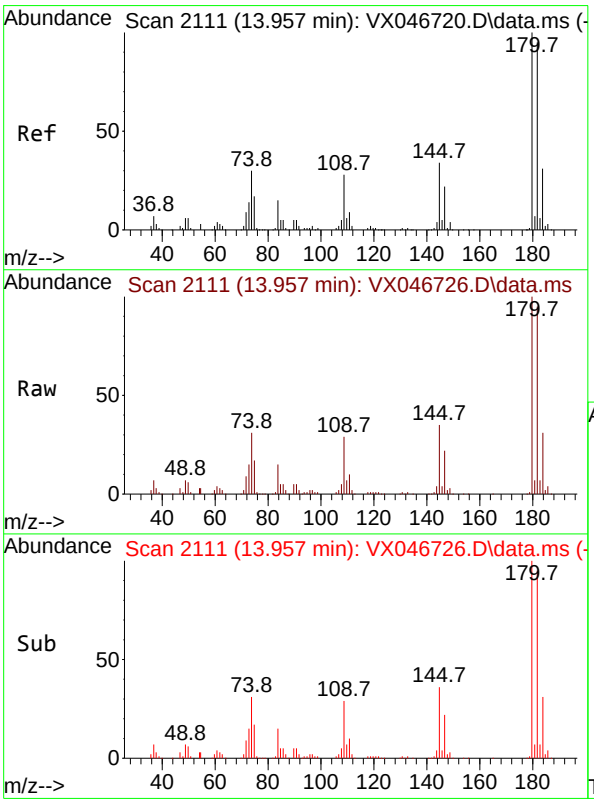
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.9	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations
APPROVED

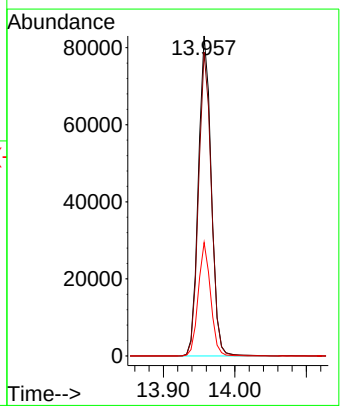
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.200 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:180 Resp: 103451

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.4
145	33.9	17.3	51.9



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	0.534	0.585	-9.6	105	0.00
3	P	Chloromethane	0.576	0.592	-2.8	105	0.00
4	C	Vinyl Chloride	0.614	0.636	-3.6#	105	0.00
5	T	Bromomethane	0.346	0.379	-9.5	108	0.00
6	T	Chloroethane	0.372	0.387	-4.0	107	0.00
7	T	Trichlorofluoromethane	0.933	0.958	-2.7	104	0.00
8	T	Diethyl Ether	0.320	0.329	-2.8	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.572	0.585	-2.3	106	0.00
10	T	Methyl Iodide	0.642	0.652	-1.6	104	0.00
11	T	Tert butyl alcohol	0.062	0.063	-1.6	106	0.00
12	CM	1,1-Dichloroethene	0.552	0.574	-4.0#	106	0.00
13	T	Acrolein	0.090	0.092	-2.2	111	0.00
14	T	Allyl chloride	1.001	1.019	-1.8	107	0.00
15	T	Acrylonitrile	0.279	0.291	-4.3	107	0.00
16	T	Acetone	0.231	0.227	1.7	108	0.00
17	T	Carbon Disulfide	1.668	1.591	4.6	104	0.00
18	T	Methyl Acetate	0.586	0.620	-5.8	112	0.00
19	T	Methyl tert-butyl Ether	1.720	1.754	-2.0	105	0.00
20	T	Methylene Chloride	0.641	0.625	2.5	107	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.595	-0.7	106	0.00
22	T	Diisopropyl ether	1.923	1.996	-3.8	106	0.00
23	T	Vinyl Acetate	1.529	1.618	-5.8	106	0.00
24	P	1,1-Dichloroethane	1.092	1.103	-1.0	106	0.00
25	T	2-Butanone	0.326	0.345	-5.8	107	0.00
26	T	2,2-Dichloropropane	0.796	0.806	-1.3	111	0.00
27	T	cis-1,2-Dichloroethene	0.694	0.694	0.0	106	0.00
28	T	Bromochloromethane	0.495	0.498	-0.6	107	0.00
29	T	Tetrahydrofuran	0.211	0.222	-5.2	107	0.00
30	C	Chloroform	1.092	1.116	-2.2#	105	0.00
31	T	Cyclohexane	1.036	1.024	1.2	106	0.00
32	T	1,1,1-Trichloroethane	0.958	0.959	-0.1	105	0.00
33	S	1,2-Dichloroethane-d4	0.692	0.632	8.7	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35	S	Dibromofluoromethane	0.331	0.318	3.9	102	0.00
36	T	1,1-Dichloropropene	0.478	0.478	0.0	103	0.00
37	T	Ethyl Acetate	0.441	0.453	-2.7	108	0.00
38	T	Carbon Tetrachloride	0.518	0.522	-0.8	104	0.00
39	T	Methylcyclohexane	0.628	0.630	-0.3	103	0.00
40	TM	Benzene	1.413	1.452	-2.8	105	0.00
41	T	Methacrylonitrile	0.235	0.260	-10.6	112	0.00
42	TM	1,2-Dichloroethane	0.497	0.506	-1.8	105	0.00
43	T	Isopropyl Acetate	0.690	0.743	-7.7	106	0.00
44	TM	Trichloroethene	0.360	0.367	-1.9	106	0.00
45	C	1,2-Dichloropropane	0.350	0.357	-2.0#	106	0.00
46	T	Dibromomethane	0.252	0.258	-2.4	106	0.00
47	T	Bromodichloromethane	0.514	0.529	-2.9	104	0.00
48	T	Methyl methacrylate	0.346	0.381	-10.1	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	103	0.00
50	S	Toluene-d8	1.189	1.130	5.0	101	0.00
51	T	4-Methyl-2-Pentanone	0.411	0.449	-9.2	108	0.00
52	CM	Toluene	0.876	0.898	-2.5#	104	0.00
53	T	t-1,3-Dichloropropene	0.477	0.503	-5.5	106	0.00
54	T	cis-1,3-Dichloropropene	0.541	0.561	-3.7	105	0.00
55	T	1,1,2-Trichloroethane	0.327	0.338	-3.4	106	0.00
56	T	Ethyl methacrylate	0.482	0.523	-8.5	106	0.00
57	T	1,3-Dichloropropane	0.562	0.581	-3.4	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.250	0.280	-12.0	102	0.00
59	T	2-Hexanone	0.284	0.312	-9.9	108	0.00
60	T	Dibromochloromethane	0.385	0.392	-1.8	104	0.00
61	T	1,2-Dibromoethane	0.332	0.347	-4.5	106	0.00
62	S	4-Bromofluorobenzene	0.443	0.423	4.5	102	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.346	0.341	1.4	103	0.00
65	PM	Chlorobenzene	1.104	1.104	0.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.377	-1.6	104	0.00
67	C	Ethyl Benzene	1.929	1.947	-0.9#	104	0.00
68	T	m/p-Xylenes	0.719	0.739	-2.8	105	0.00
69	T	o-Xylene	0.673	0.709	-5.3	106	0.00
70	T	Styrene	1.179	1.229	-4.2	105	0.00
71	P	Bromoform	0.282	0.290	-2.8	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.682	3.762	-2.2	104	0.00
74	T	N-amyl acetate	1.395	1.510	-8.2	106	0.00
75	P	1,1,2,2-Tetrachloroethane	1.028	1.076	-4.7	107	0.00
76	T	1,2,3-Trichloropropane	0.916	0.884	3.5	92	0.00
77	T	Bromobenzene	0.886	0.897	-1.2	104	0.00
78	T	n-propylbenzene	4.374	4.482	-2.5	105	0.00
79	T	2-Chlorotoluene	2.611	2.608	0.1	104	0.00
80	T	1,3,5-Trimethylbenzene	3.026	3.132	-3.5	105	0.00
81	T	trans-1,4-Dichloro-2-butene	0.324	0.325	-0.3	108	0.00
82	T	4-Chlorotoluene	3.048	3.053	-0.2	104	0.00
83	T	tert-Butylbenzene	3.128	3.125	0.1	103	0.00
84	T	1,2,4-Trimethylbenzene	3.040	3.113	-2.4	105	0.00
85	T	sec-Butylbenzene	3.953	4.039	-2.2	104	0.00
86	T	p-Isopropyltoluene	3.336	3.388	-1.6	105	0.00
87	T	1,3-Dichlorobenzene	1.728	1.676	3.0	103	0.00
88	T	1,4-Dichlorobenzene	1.775	1.665	6.2	104	0.00
89	T	n-Butylbenzene	3.167	3.220	-1.7	105	0.00
90	T	Hexachloroethane	0.584	0.574	1.7	102	0.00
91	T	1,2-Dichlorobenzene	1.615	1.604	0.7	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.203	0.216	-6.4	106	0.00
93	T	1,2,4-Trichlorobenzene	1.148	1.133	1.3	104	0.00
94	T	Hexachlorobutadiene	0.483	0.500	-3.5	108	0.00
95	T	Naphthalene	3.270	3.431	-4.9	106	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	1.098	1.125	-2.5	107	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\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	50.000	54.798	-9.6	105	0.00
3	P	Chloromethane	50.000	51.393	-2.8	105	0.00
4	C	Vinyl Chloride	50.000	51.768	-3.5#	105	0.00
5	T	Bromomethane	50.000	54.831	-9.7	108	0.00
6	T	Chloroethane	50.000	51.911	-3.8	107	0.00
7	T	Trichlorofluoromethane	50.000	51.363	-2.7	104	0.00
8	T	Diethyl Ether	50.000	51.316	-2.6	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.089	-2.2	106	0.00
10	T	Methyl Iodide	50.000	45.861	8.3	104	0.00
11	T	Tert butyl alcohol	250.000	251.888	-0.8	106	0.00
12	CM	1,1-Dichloroethene	50.000	51.945	-3.9#	106	0.00
13	T	Acrolein	250.000	254.972	-2.0	111	0.00
14	T	Allyl chloride	50.000	50.922	-1.8	107	0.00
15	T	Acrylonitrile	250.000	260.219	-4.1	107	0.00
16	T	Acetone	250.000	246.347	1.5	108	0.00
17	T	Carbon Disulfide	50.000	47.710	4.6	104	0.00
18	T	Methyl Acetate	50.000	52.909	-5.8	112	0.00
19	T	Methyl tert-butyl Ether	50.000	51.008	-2.0	105	0.00
20	T	Methylene Chloride	50.000	48.696	2.6	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.375	-0.8	106	0.00
22	T	Diisopropyl ether	50.000	51.890	-3.8	106	0.00
23	T	Vinyl Acetate	250.000	264.451	-5.8	106	0.00
24	P	1,1-Dichloroethane	50.000	50.502	-1.0	106	0.00
25	T	2-Butanone	250.000	264.542	-5.8	107	0.00
26	T	2,2-Dichloropropane	50.000	50.629	-1.3	111	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.003	-0.0	106	0.00
28	T	Bromochloromethane	50.000	50.308	-0.6	107	0.00
29	T	Tetrahydrofuran	250.000	263.836	-5.5	107	0.00
30	C	Chloroform	50.000	51.089	-2.2#	105	0.00
31	T	Cyclohexane	50.000	49.462	1.1	106	0.00
32	T	1,1,1-Trichloroethane	50.000	50.042	-0.1	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.697	8.6	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	48.072	3.9	102	0.00
36	T	1,1-Dichloropropene	50.000	50.088	-0.2	103	0.00
37	T	Ethyl Acetate	50.000	51.401	-2.8	108	0.00
38	T	Carbon Tetrachloride	50.000	50.403	-0.8	104	0.00
39	T	Methylcyclohexane	50.000	50.155	-0.3	103	0.00
40	TM	Benzene	50.000	51.385	-2.8	105	0.00
41	T	Methacrylonitrile	50.000	55.341	-10.7	112	0.00
42	TM	1,2-Dichloroethane	50.000	50.970	-1.9	105	0.00
43	T	Isopropyl Acetate	50.000	53.888	-7.8	106	0.00
44	TM	Trichloroethene	50.000	51.000	-2.0	106	0.00
45	C	1,2-Dichloropropane	50.000	50.940	-1.9#	106	0.00
46	T	Dibromomethane	50.000	51.329	-2.7	106	0.00
47	T	Bromodichloromethane	50.000	51.479	-3.0	104	0.00
48	T	Methyl methacrylate	50.000	55.091	-10.2	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	964.253	3.6	103	0.00
50	S	Toluene-d8	50.000	47.537	4.9	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	272.916	-9.2	108	0.00
52	CM	Toluene	50.000	51.237	-2.5#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	52.785	-5.6	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.813	-3.6	105	0.00
55	T	1,1,2-Trichloroethane	50.000	51.698	-3.4	106	0.00
56	T	Ethyl methacrylate	50.000	54.266	-8.5	106	0.00
57	T	1,3-Dichloropropane	50.000	51.625	-3.3	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	279.922	-12.0	102	0.00
59	T	2-Hexanone	250.000	273.982	-9.6	108	0.00
60	T	Dibromochloromethane	50.000	50.997	-2.0	104	0.00
61	T	1,2-Dibromoethane	50.000	52.268	-4.5	106	0.00
62	S	4-Bromofluorobenzene	50.000	47.712	4.6	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	49.172	1.7	103	0.00
65	PM	Chlorobenzene	50.000	50.006	-0.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.856	-1.7	104	0.00
67	C	Ethyl Benzene	50.000	50.487	-1.0#	104	0.00
68	T	m/p-Xylenes	100.000	102.789	-2.8	105	0.00
69	T	o-Xylene	50.000	52.635	-5.3	106	0.00
70	T	Styrene	50.000	52.139	-4.3	105	0.00
71	P	Bromoform	50.000	51.404	-2.8	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	51.083	-2.2	104	0.00
74	T	N-amyl acetate	50.000	54.107	-8.2	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.310	-4.6	107	0.00
76	T	1,2,3-Trichloropropane	50.000	48.286	3.4	92	0.00
77	T	Bromobenzene	50.000	50.611	-1.2	104	0.00
78	T	n-propylbenzene	50.000	51.240	-2.5	105	0.00
79	T	2-Chlorotoluene	50.000	49.931	0.1	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.746	-3.5	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.210	-0.4	108	0.00
82	T	4-Chlorotoluene	50.000	50.085	-0.2	104	0.00
83	T	tert-Butylbenzene	50.000	49.958	0.1	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.193	-2.4	105	0.00
85	T	sec-Butylbenzene	50.000	51.079	-2.2	104	0.00
86	T	p-Isopropyltoluene	50.000	50.791	-1.6	105	0.00
87	T	1,3-Dichlorobenzene	50.000	48.501	3.0	103	0.00
88	T	1,4-Dichlorobenzene	50.000	46.906	6.2	104	0.00
89	T	n-Butylbenzene	50.000	50.829	-1.7	105	0.00
90	T	Hexachloroethane	50.000	49.161	1.7	102	0.00
91	T	1,2-Dichlorobenzene	50.000	49.672	0.7	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.151	-6.3	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.369	1.3	104	0.00
94	T	Hexachlorobutadiene	50.000	51.729	-3.5	108	0.00
95	T	Naphthalene	50.000	52.462	-4.9	106	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	51.200	-2.4	107	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX046728.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: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG No.: Q2345

Instrument ID: MSVOA_X Calibration Date/Time: 06/18/2025 09:33

Lab File ID: VX046728.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.534	0.573		7.3	20
Chloromethane	0.576	0.583	0.1	1.22	20
Vinyl Chloride	0.614	0.631		2.77	20
Bromomethane	0.346	0.376		8.67	20
Chloroethane	0.372	0.378		1.61	20
Trichlorofluoromethane	0.933	0.941		0.86	20
1,1,2-Trichlorotrifluoroethane	0.572	0.586		2.45	20
1,1-Dichloroethene	0.552	0.558		1.09	20
Acetone	0.231	0.225		-2.6	20
Carbon Disulfide	1.668	1.541		-7.61	20
Methyl tert-butyl Ether	1.720	1.613		-6.22	20
Methyl Acetate	0.586	0.525		-10.41	20
Methylene Chloride	0.641	0.606		-5.46	20
trans-1,2-Dichloroethene	0.591	0.568		-3.89	20
1,1-Dichloroethane	1.092	1.053	0.1	-3.57	20
Cyclohexane	1.036	0.970		-6.37	20
2-Butanone	0.326	0.284		-12.88	20
Carbon Tetrachloride	0.518	0.493		-4.83	20
cis-1,2-Dichloroethene	0.694	0.660		-4.9	20
Bromochloromethane	0.495	0.530		7.07	20
Chloroform	1.092	1.057		-3.2	20
1,1,1-Trichloroethane	0.958	0.905		-5.53	20
Methylcyclohexane	0.628	0.608		-3.18	20
Benzene	1.413	1.368		-3.18	20
1,2-Dichloroethane	0.497	0.472		-5.03	20
Trichloroethene	0.360	0.347		-3.61	20
1,2-Dichloropropane	0.350	0.339		-3.14	20
Bromodichloromethane	0.514	0.499		-2.92	20
4-Methyl-2-Pentanone	0.411	0.374		-9	20
Toluene	0.876	0.844		-3.65	20
t-1,3-Dichloropropene	0.477	0.472		-1.05	20
cis-1,3-Dichloropropene	0.541	0.535		-1.11	20
1,1,2-Trichloroethane	0.327	0.309		-5.51	20
2-Hexanone	0.284	0.256		-9.86	20
Dibromochloromethane	0.385	0.367		-4.68	20
1,2-Dibromoethane	0.332	0.316		-4.82	20
Tetrachloroethene	0.346	0.324		-6.36	20
Chlorobenzene	1.104	1.038	0.3	-5.98	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG No.: Q2345

Instrument ID: MSVOA_X Calibration Date/Time: 06/18/2025 09:33

Lab File ID: VX046728.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.929	1.848		-4.2	20
m/p-Xylenes	0.719	0.689		-4.17	20
o-Xylene	0.673	0.658		-2.23	20
Styrene	1.179	1.139		-3.39	20
Bromoform	0.282	0.268	0.1	-4.97	20
Isopropylbenzene	3.682	3.646		-0.98	20
1,1,2,2-Tetrachloroethane	1.028	0.964	0.3	-6.23	20
1,3-Dichlorobenzene	1.728	1.613		-6.66	20
1,4-Dichlorobenzene	1.775	1.625		-8.45	20
1,2-Dichlorobenzene	1.615	1.544		-4.4	20
1,2-Dibromo-3-Chloropropane	0.203	0.180		-11.33	20
1,2,4-Trichlorobenzene	1.148	1.075		-6.36	20
1,2,3-Trichlorobenzene	1.098	1.054		-4.01	20
1,2-Dichloroethane-d4	0.692	0.676		-2.31	20
Dibromofluoromethane	0.331	0.340		2.72	20
Toluene-d8	1.189	1.202		1.09	20
4-Bromofluorobenzene	0.443	0.443		0	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\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	153144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247293	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103522	48.871	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.740%			
35) Dibromofluoromethane	5.391	113	83969	51.320	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.640%			
50) Toluene-d8	8.647	98	297216	50.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.120%			
62) 4-Bromofluorobenzene	11.079	95	109436	49.942	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	87825	53.715	ug/l	99
3) Chloromethane	1.307	50	89297	50.600	ug/l	98
4) Vinyl Chloride	1.386	62	96582	51.321	ug/l	96
5) Bromomethane	1.617	94	57643	54.442	ug/l	96
6) Chloroethane	1.703	64	57854	50.722	ug/l	97
7) Trichlorofluoromethane	1.904	101	144094	50.427	ug/l	99
8) Diethyl Ether	2.142	74	49001	49.967	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	89694	51.165	ug/l	98
10) Methyl Iodide	2.465	142	99988	45.950	ug/l	99
11) Tert butyl alcohol	2.953	59	37552	197.513	ug/l	99
12) 1,1-Dichloroethene	2.331	96	85474	50.530	ug/l	97
13) Acrolein	2.245	56	67813	244.874	ug/l	99
14) Allyl chloride	2.678	41	148825	48.559	ug/l	100
15) Acrylonitrile	3.068	53	197165	230.626	ug/l	100
16) Acetone	2.386	43	172637	244.395	ug/l	100
17) Carbon Disulfide	2.526	76	236030	46.207	ug/l	100
18) Methyl Acetate	2.709	43	80342	44.781	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	247062	46.907	ug/l	97
20) Methylene Chloride	2.800	84	92732	47.205	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	87048	48.093	ug/l	99
22) Diisopropyl ether	3.763	45	289920	49.215	ug/l	95
23) Vinyl Acetate	3.727	43	1142249	243.835	ug/l	100
24) 1,1-Dichloroethane	3.617	63	161335	48.236	ug/l	99
25) 2-Butanone	4.556	43	217618	217.827	ug/l	100
26) 2,2-Dichloropropane	4.483	77	122642	50.275	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	101031	47.512	ug/l	99
28) Bromochloromethane	4.903	49	81116	53.494	ug/l	99
29) Tetrahydrofuran	5.007	42	141562	219.377	ug/l	100
30) Chloroform	5.099	83	161817	48.377	ug/l	96
31) Cyclohexane	5.477	56	148538	46.830	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	138647	47.262	ug/l	100
36) 1,1-Dichloropropene	5.696	75	114107	48.312	ug/l	100
37) Ethyl Acetate	4.714	43	96161	44.108	ug/l	100
38) Carbon Tetrachloride	5.684	117	121848	47.537	ug/l	95
39) Methylcyclohexane	7.379	83	150437	48.402	ug/l	99
40) Benzene	6.043	78	338410	48.414	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	57085	49.115	ug/l		97
42) 1,2-Dichloroethane	6.086	62	116628	47.481	ug/l		99
43) Isopropyl Acetate	6.342	43	157598	46.196	ug/l		99
44) Trichloroethene	7.129	130	85692	48.105	ug/l		96
45) 1,2-Dichloropropane	7.433	63	83732	48.335	ug/l		96
46) Dibromomethane	7.580	93	59103	47.472	ug/l		100
47) Bromodichloromethane	7.824	83	123442	48.587	ug/l		100
48) Methyl methacrylate	7.696	41	80965	47.322	ug/l		99
49) 1,4-Dioxane	7.653	88	20224	817.840	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	462115	227.118	ug/l		100
52) Toluene	8.714	92	208762	48.176	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	116724	49.516	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	132187	49.396	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	76422	47.325	ug/l		99
56) Ethyl methacrylate	9.116	69	112902	47.362	ug/l		99
57) 1,3-Dichloropropane	9.305	76	128820	46.323	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	319370	257.912	ug/l		100
59) 2-Hexanone	9.427	43	316244	224.819	ug/l		100
60) Dibromochloromethane	9.518	129	90703	47.662	ug/l		100
61) 1,2-Dibromoethane	9.610	107	78054	47.518	ug/l		99
64) Tetrachloroethene	9.275	164	70305	46.765	ug/l		99
65) Chlorobenzene	10.079	112	225160	47.007	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	76955	47.803	ug/l		99
67) Ethyl Benzene	10.189	91	401054	47.920	ug/l		100
68) m/p-Xylenes	10.299	106	299077	95.905	ug/l		99
69) o-Xylene	10.640	106	142872	48.886	ug/l		99
70) Styrene	10.652	104	247158	48.325	ug/l		99
71) Bromoform	10.799	173	58162	47.441	ug/l	#	99
73) Isopropylbenzene	10.957	105	382718	49.504	ug/l		99
74) N-amyl acetate	10.841	43	141644	48.357	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101190	46.876	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	94587m	49.199	ug/l		
77) Bromobenzene	11.195	156	90654	48.728	ug/l		98
78) n-propylbenzene	11.305	91	454356	49.480	ug/l		100
79) 2-Chlorotoluene	11.360	91	264018	48.156	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	313670	49.373	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	31219	45.899	ug/l		96
82) 4-Chlorotoluene	11.451	91	310790	48.572	ug/l		100
83) tert-Butylbenzene	11.713	119	321103	48.896	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	313812	49.164	ug/l		100
85) sec-Butylbenzene	11.890	105	409901	49.388	ug/l		100
86) p-Isopropyltoluene	12.006	119	340046	48.559	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	169284	46.668	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	170550	45.774	ug/l		99
89) n-Butylbenzene	12.329	91	326557	49.115	ug/l		100
90) Hexachloroethane	12.536	117	58749	47.909	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	162062	47.808	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18854	44.240	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	112879	46.839	ug/l		98
94) Hexachlorobutadiene	13.725	225	50342	49.658	ug/l		97
95) Naphthalene	13.774	128	321689	46.852	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	110625	47.981	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

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

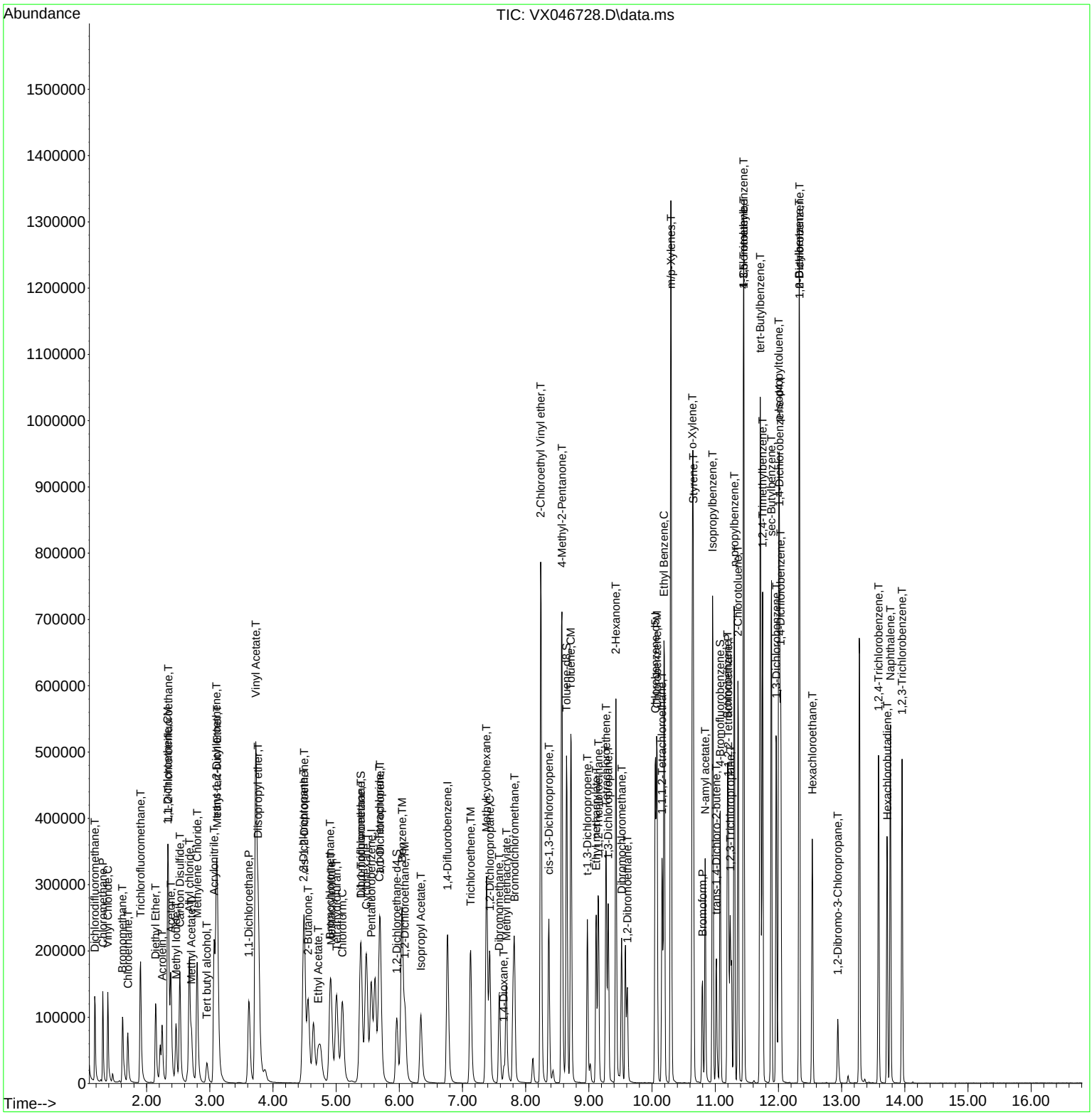
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

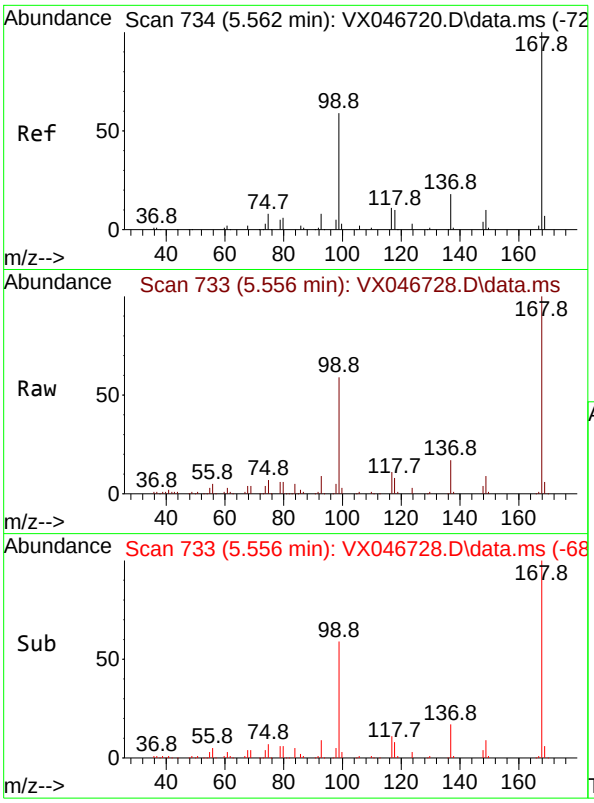
Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

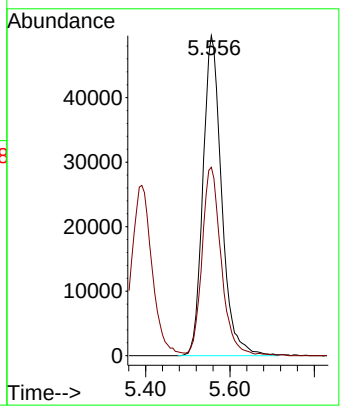




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:168 Resp: 15314

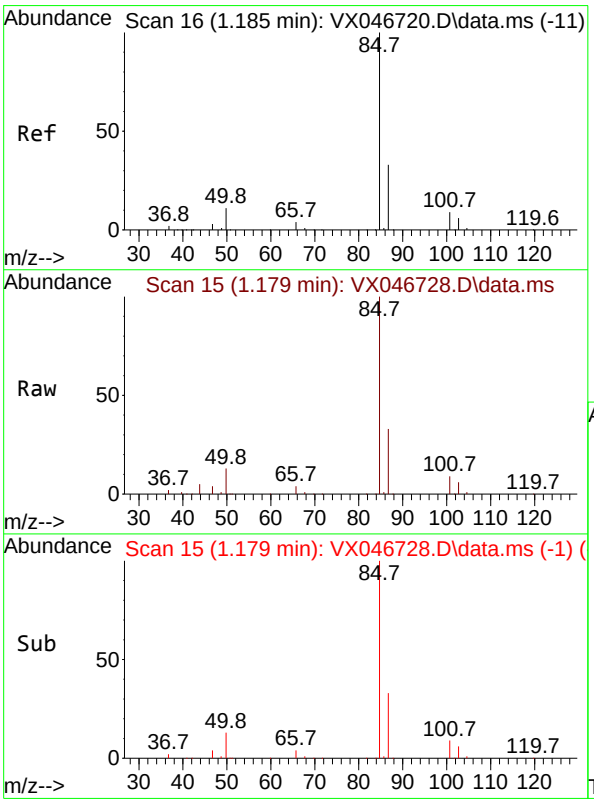
Ion	Ratio	Lower	Upper
168	100		
99	58.7	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

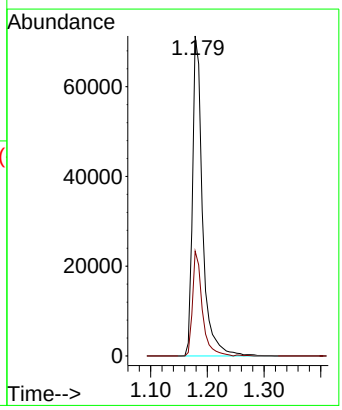
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

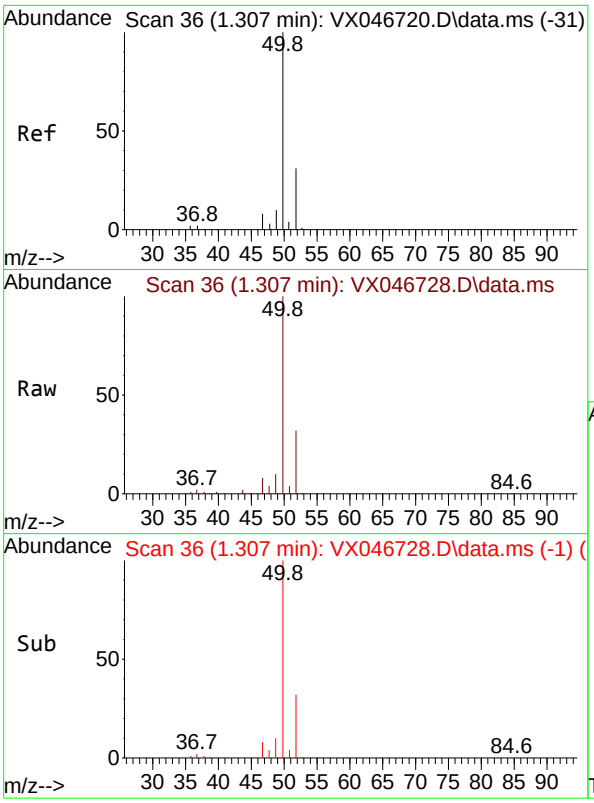


#2
Dichlorodifluoromethane
Concen: 53.715 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 85 Resp: 87825

Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.6	49.8

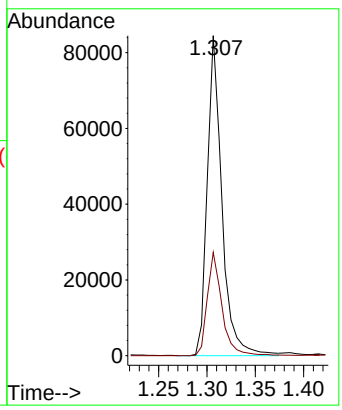




#3
Chloromethane
Concen: 50.600 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 50 Resp: 8929

Ion	Ratio	Lower	Upper
50	100		
52	32.3	24.9	37.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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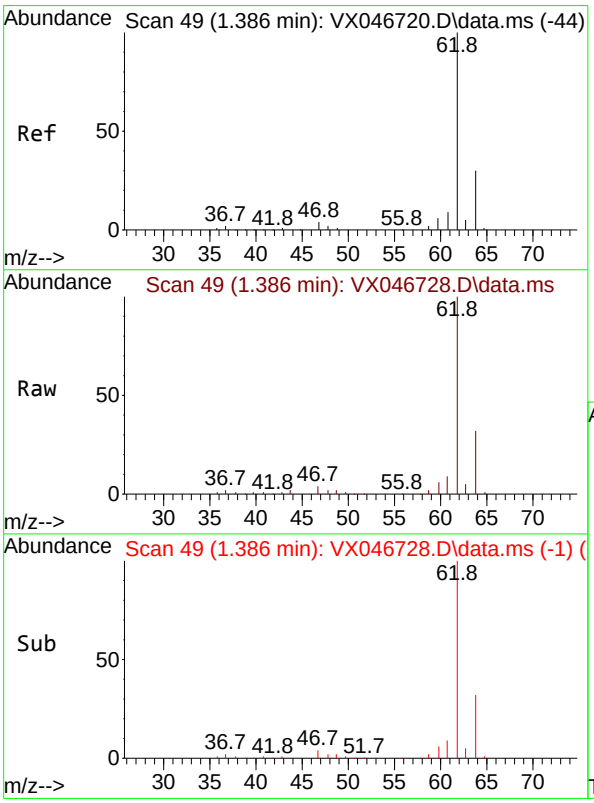
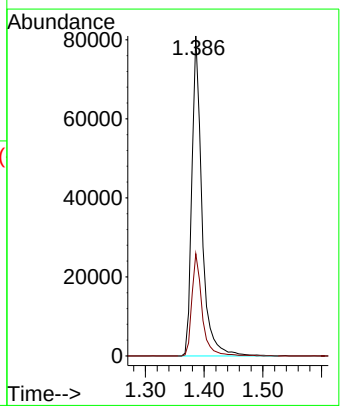
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

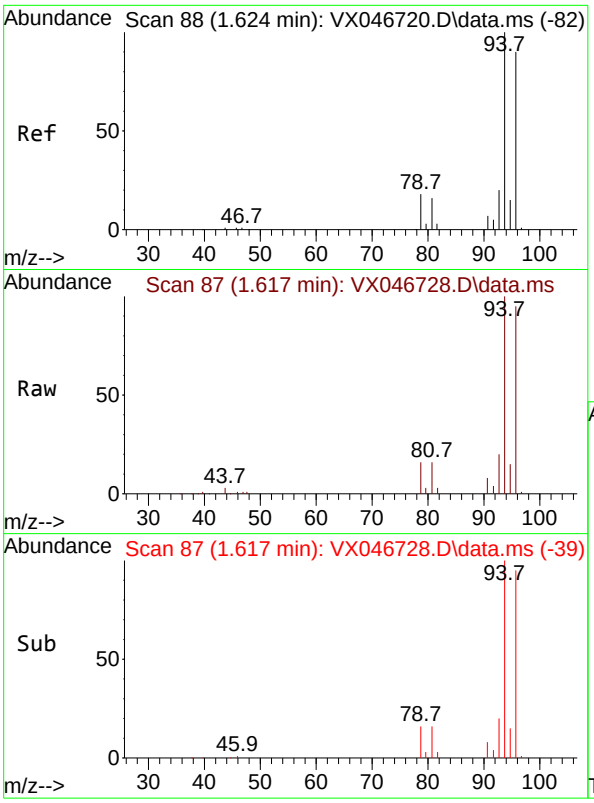


#4
Vinyl Chloride
Concen: 51.321 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 62 Resp: 96582

Ion	Ratio	Lower	Upper
62	100		
64	32.0	23.9	35.9





#5
Bromomethane
Concen: 54.442 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 94 Resp: 5764

Ion	Ratio	Lower	Upper
94	100		
96	94.6	72.3	108.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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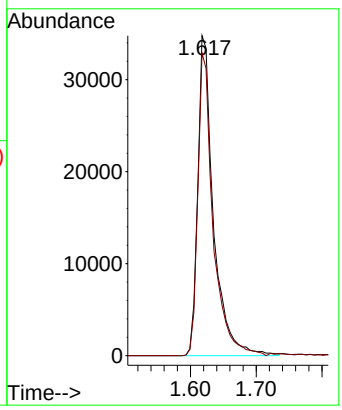
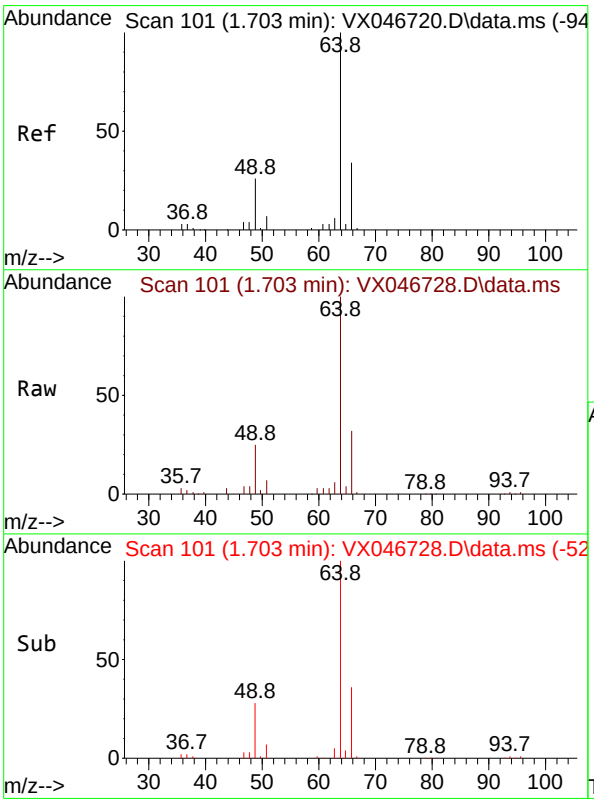
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

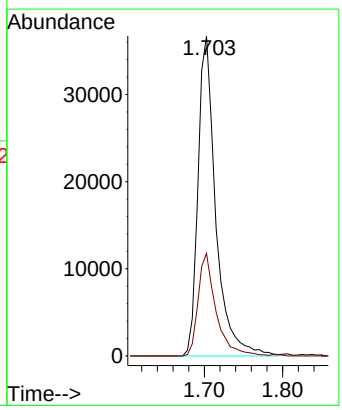


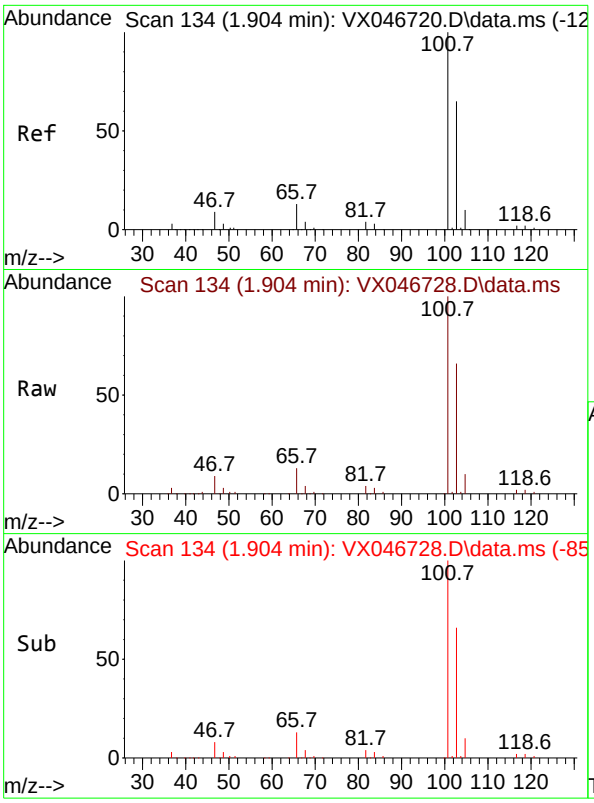


#6
Chloroethane
Concen: 50.722 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 64 Resp: 57854

Ion	Ratio	Lower	Upper
64	100		
66	32.0	27.1	40.7





#7
Trichlorofluoromethane
Concen: 50.427 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:101 Resp: 14409

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 06/19/2025
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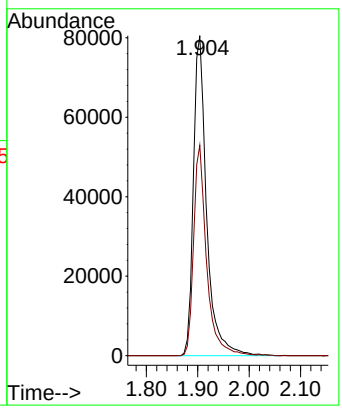
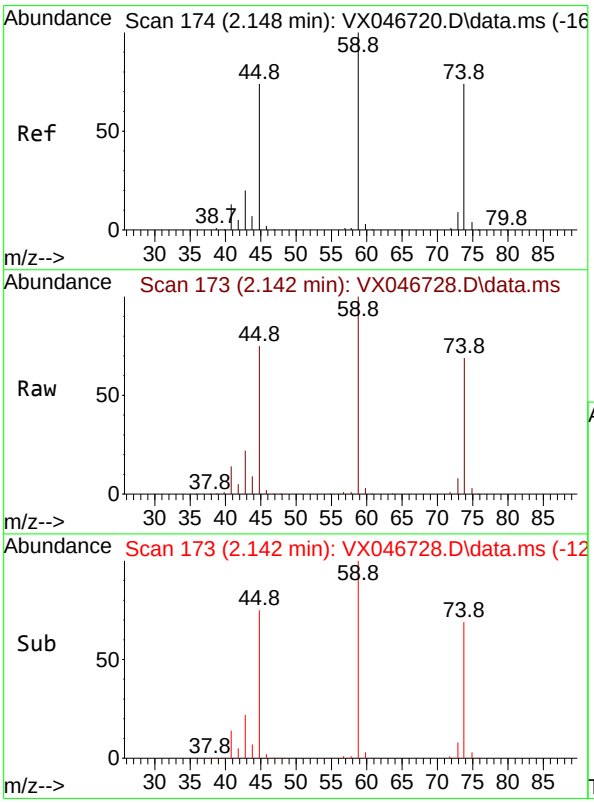
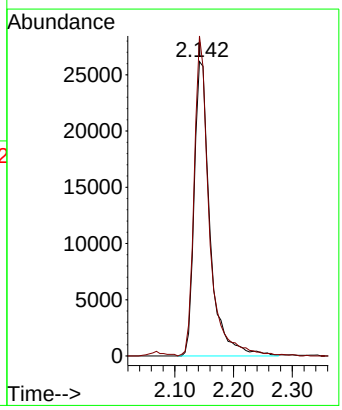


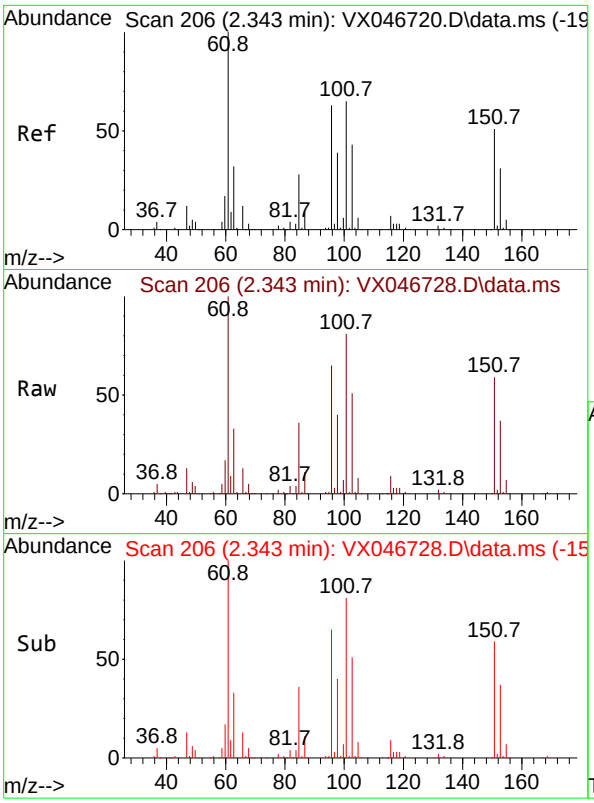


#8
Diethyl Ether
Concen: 49.967 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 74 Resp: 49001

Ion	Ratio	Lower	Upper
74	100		
45	103.3	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.165 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:101 Resp: 8969

Ion	Ratio	Lower	Upper
101	100		
85	43.0	35.4	53.0
151	74.2	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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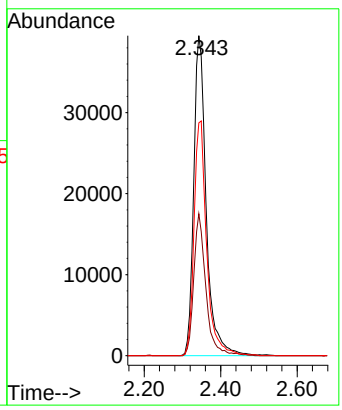
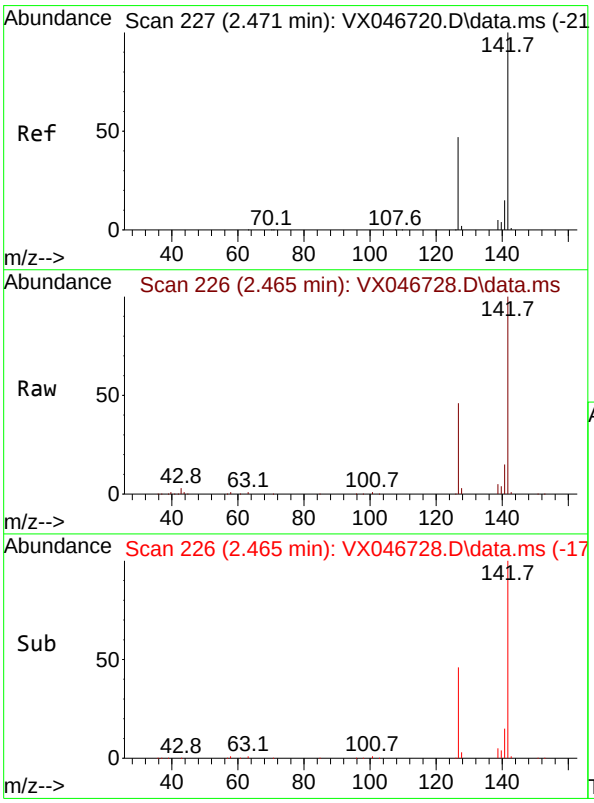
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

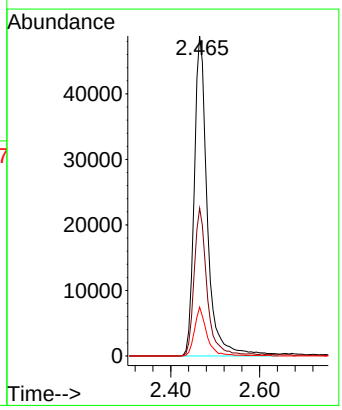


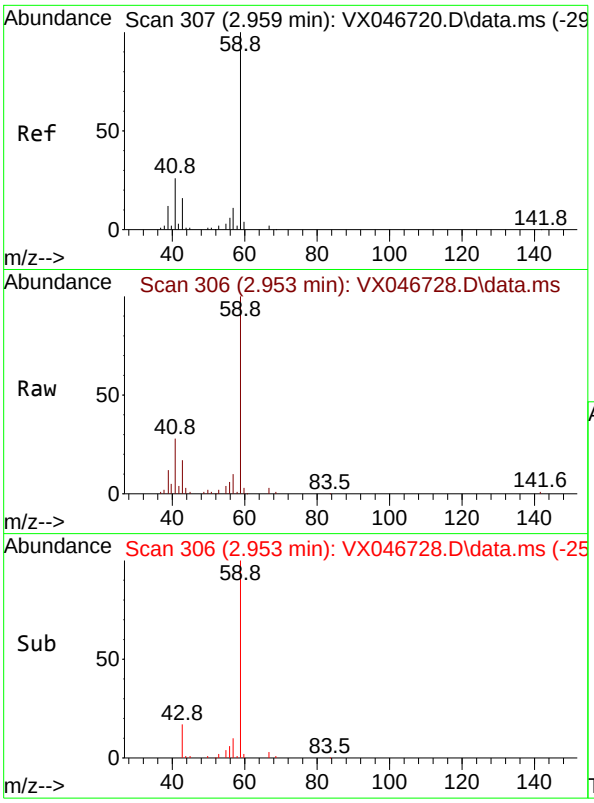


#10
Methyl Iodide
Concen: 45.950 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:142 Resp: 99988

Ion	Ratio	Lower	Upper
142	100		
127	45.4	37.0	55.6
141	14.2	11.5	17.3





#11
Tert butyl alcohol
Concen: 197.513 ug/l
RT: 2.953 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 59 Resp: 3755

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 06/19/2025
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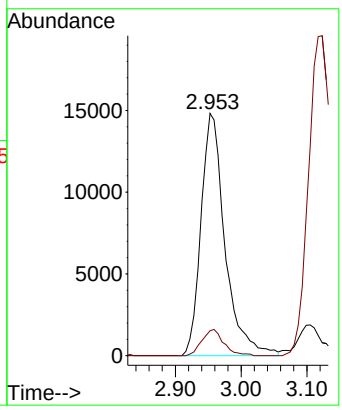
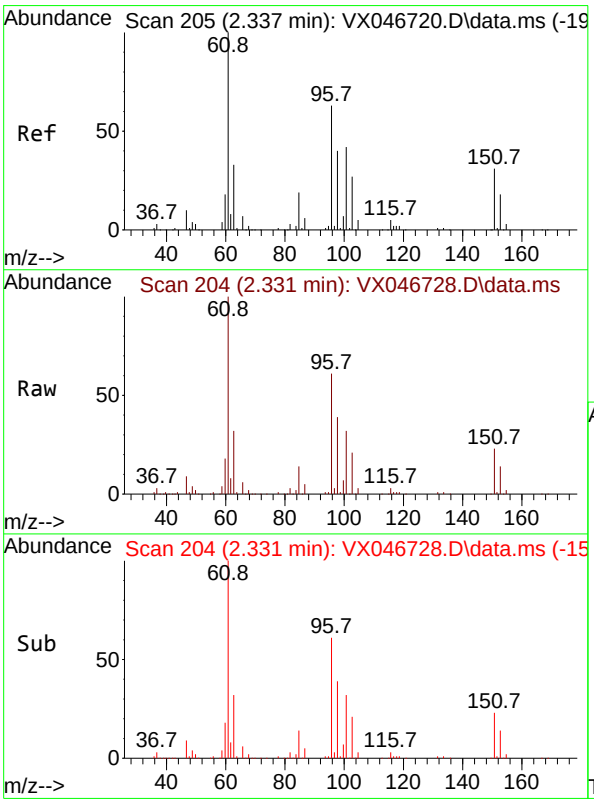
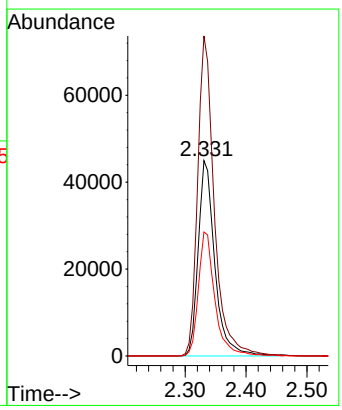


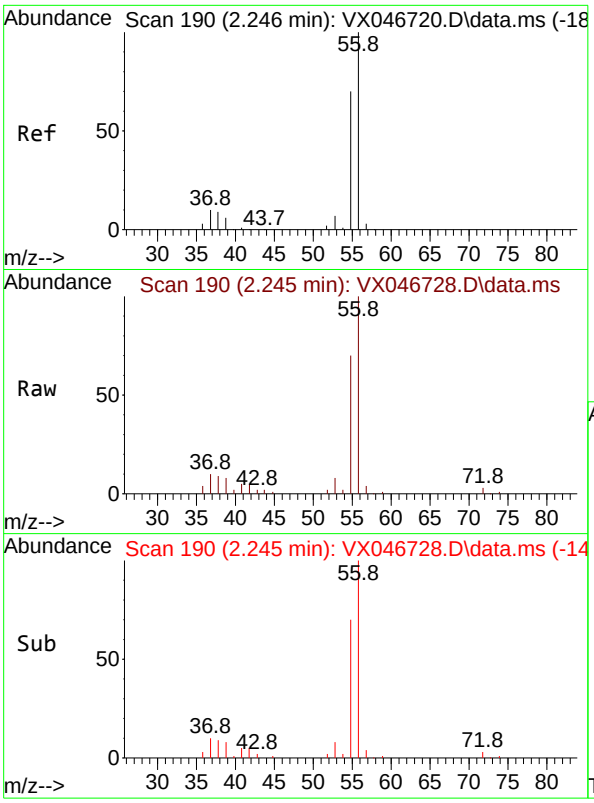


#12
1,1-Dichloroethene
Concen: 50.530 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 96 Resp: 85474

Ion	Ratio	Lower	Upper
96	100		
61	163.8	126.6	189.8
98	63.5	50.7	76.1





#13
Acrolein
Concen: 244.874 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 56 Resp: 6781

Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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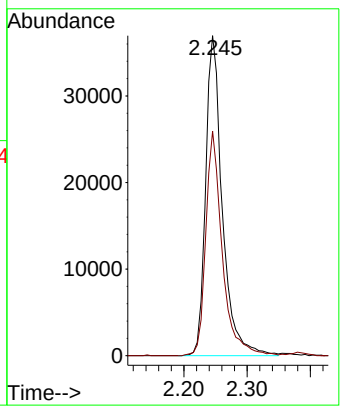
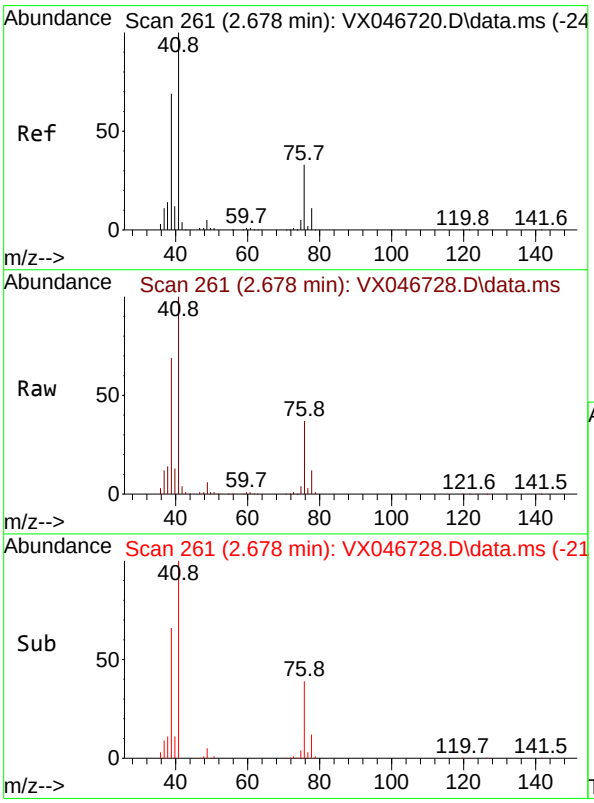
Supervised By :Mahesh Dadoda 06/21/2025

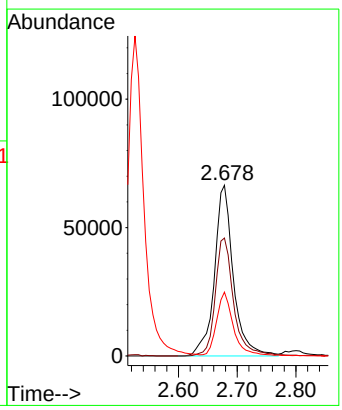


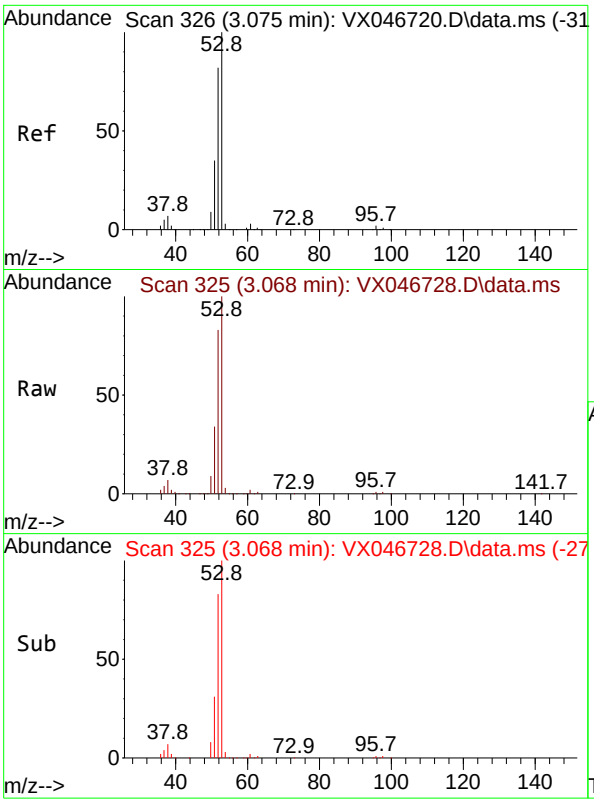


#14
Allyl chloride
Concen: 48.559 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 41 Resp: 148825

Ion	Ratio	Lower	Upper
41	100		
39	67.3	53.6	80.4
76	33.7	26.8	40.2





#15
Acrylonitrile
Concen: 230.626 ug/l
RT: 3.068 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 53 Resp: 19716

Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.1	97.7
51	35.7	28.9	43.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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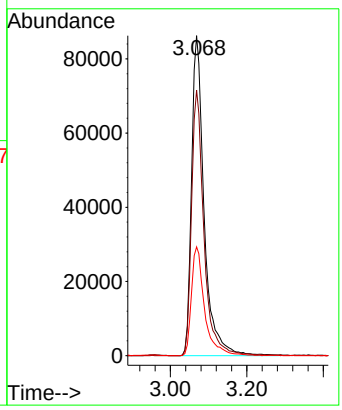
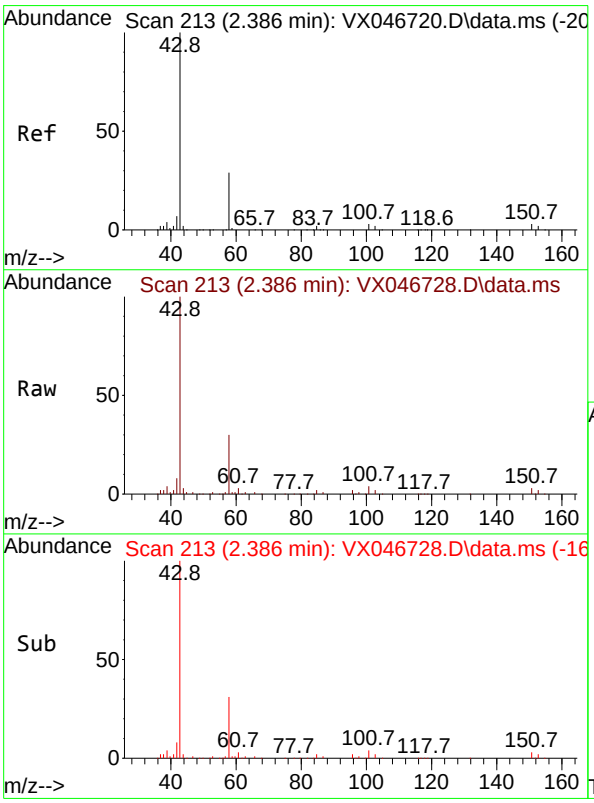
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

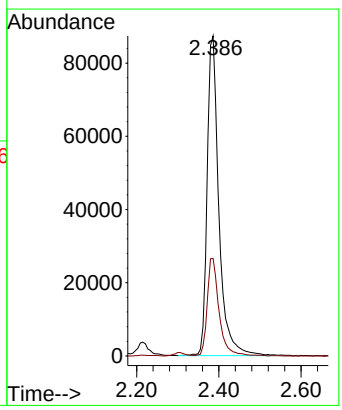


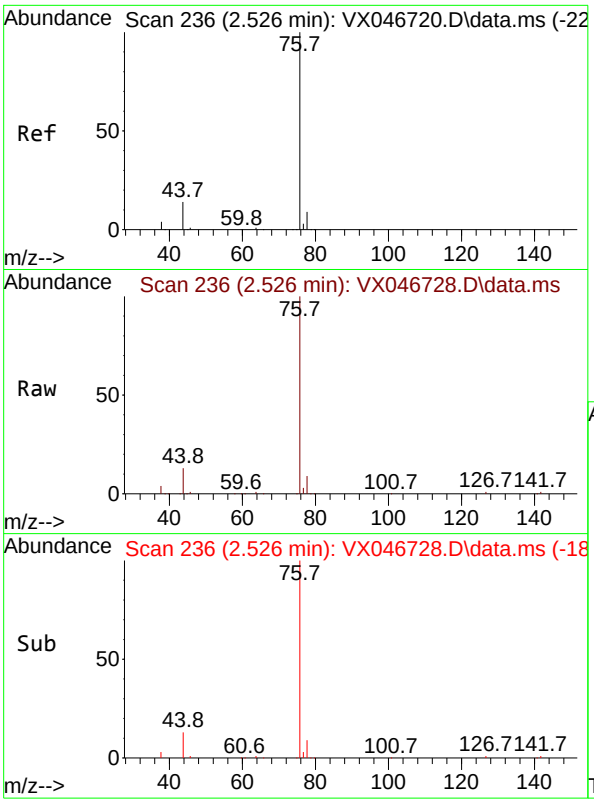


#16
Acetone
Concen: 244.395 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 43 Resp: 172637

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.5	36.7





#17
Carbon Disulfide
Concen: 46.207 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 76 Resp: 23603

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 06/19/2025
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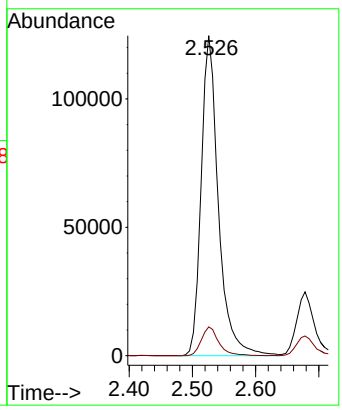
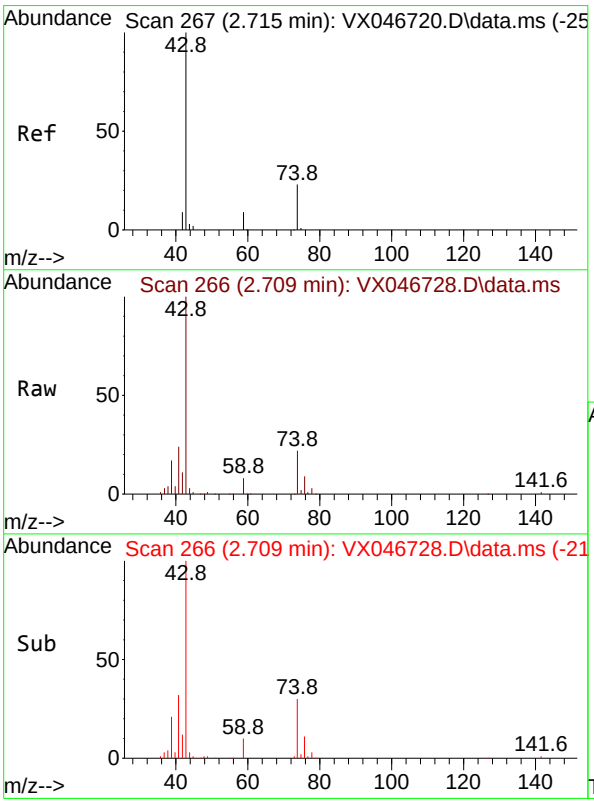
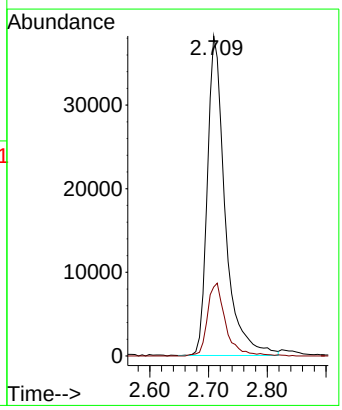


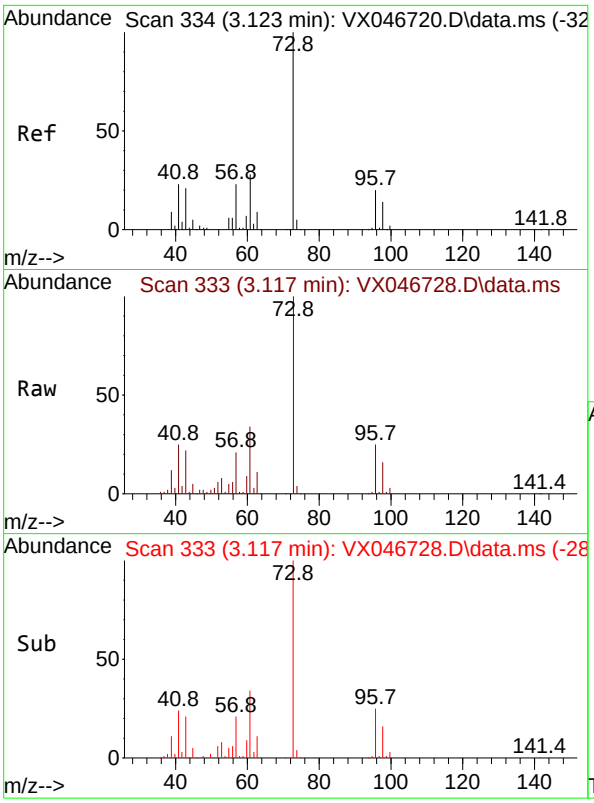


#18
Methyl Acetate
Concen: 44.781 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 43 Resp: 80342

Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.4	27.6





#19
Methyl tert-butyl Ether
Concen: 46.907 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 73 Resp: 24706

Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.2	27.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 06/19/2025
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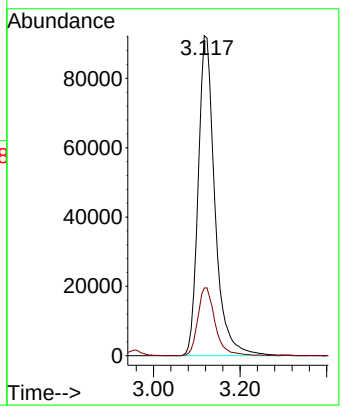
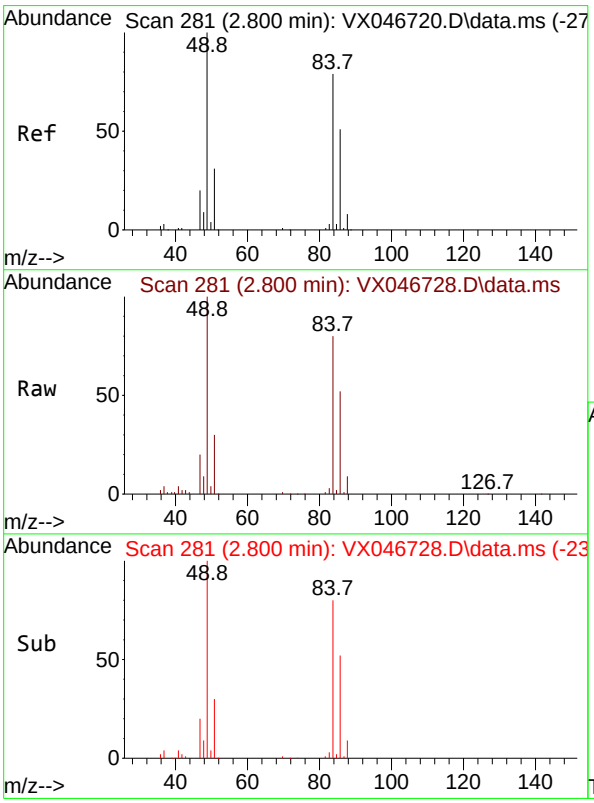
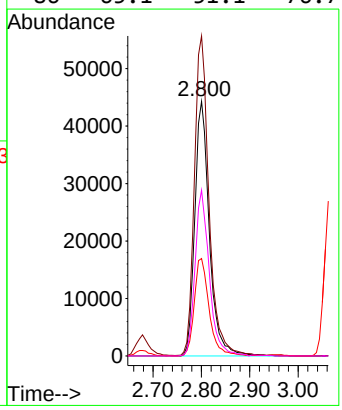


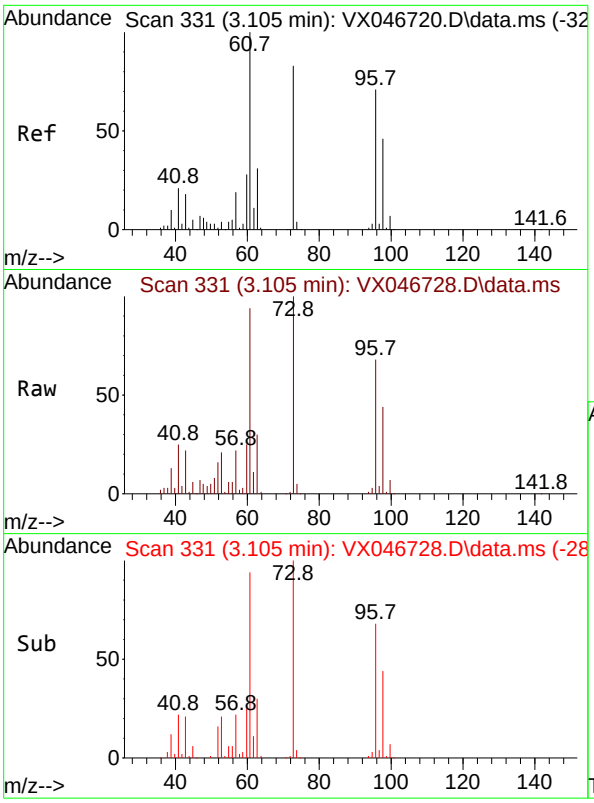


#20
Methylene Chloride
Concen: 47.205 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 84 Resp: 92732

Ion	Ratio	Lower	Upper
84	100		
49	125.5	101.3	151.9
51	38.3	31.0	46.6
86	65.1	51.1	76.7





#21
trans-1,2-Dichloroethene
Concen: 48.093 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 96 Resp: 8704

Ion	Ratio	Lower	Upper
96	100		
61	138.7	112.5	168.7
98	64.3	51.9	77.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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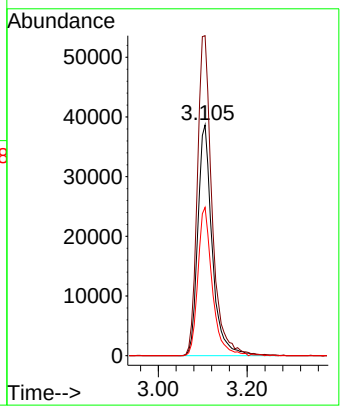
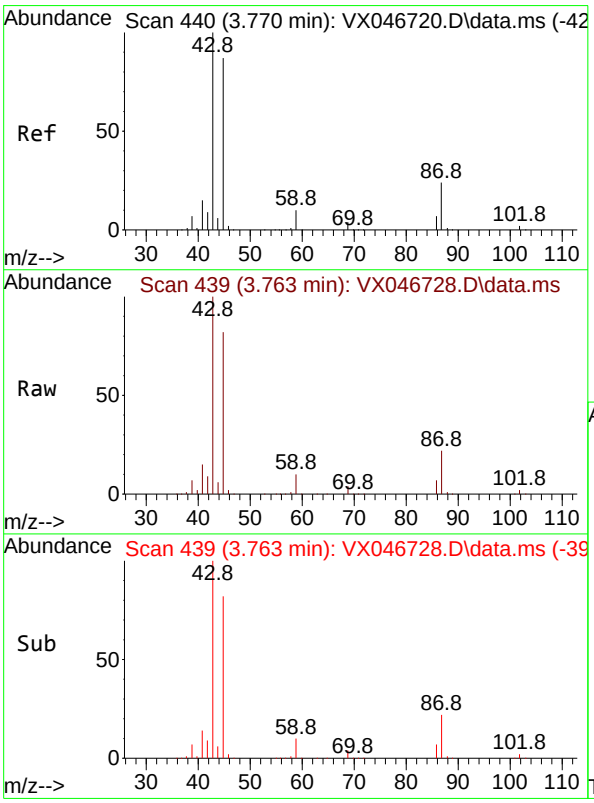
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

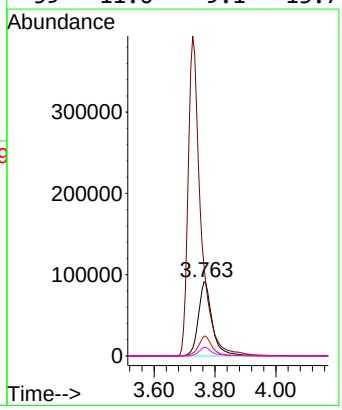


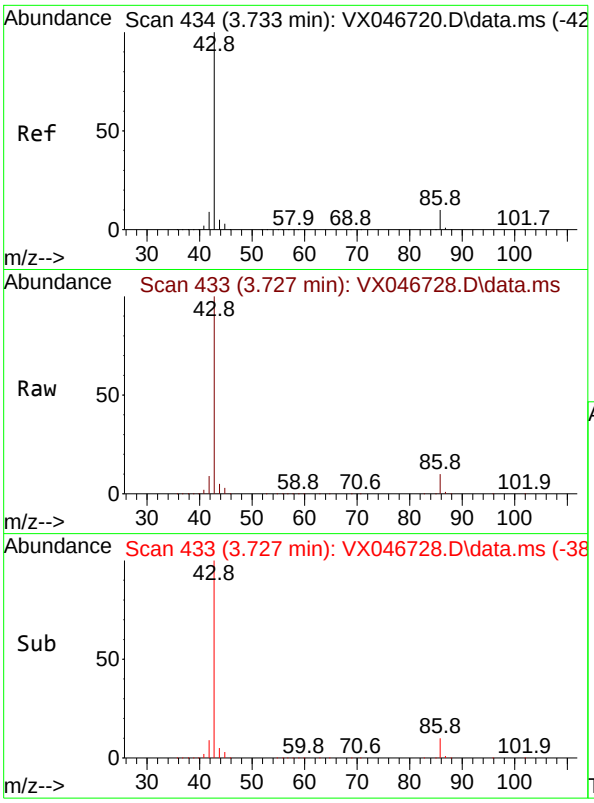


#22
Diisopropyl ether
Concen: 49.215 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 45 Resp: 289920

Ion	Ratio	Lower	Upper
45	100		
43	122.4	91.9	137.9
87	26.7	22.0	33.0
59	11.6	9.1	13.7





#23
Vinyl Acetate
Concen: 243.835 ug/l
RT: 3.727 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 43 Resp: 114224

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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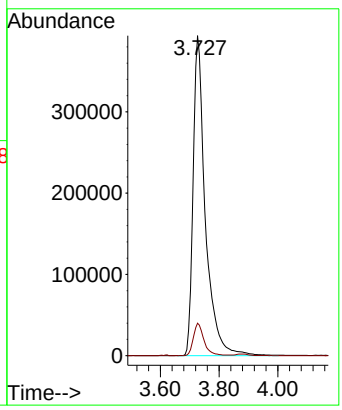
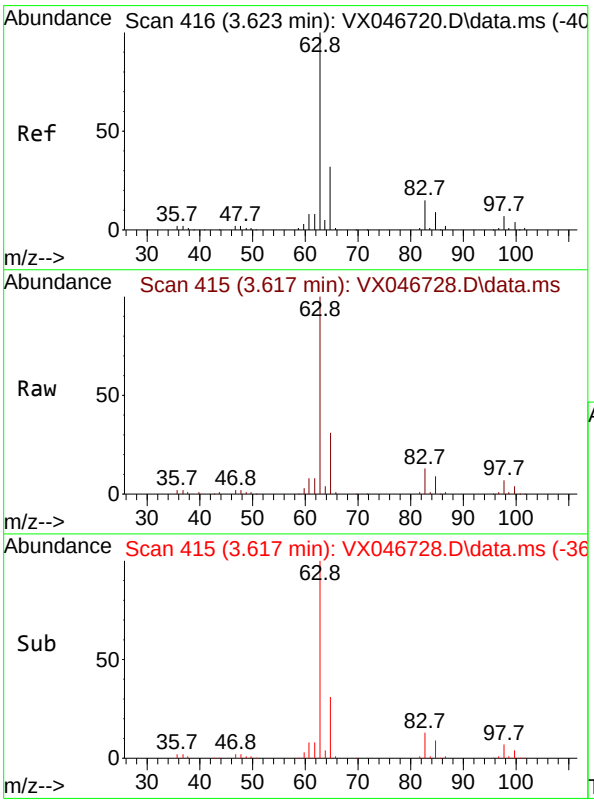
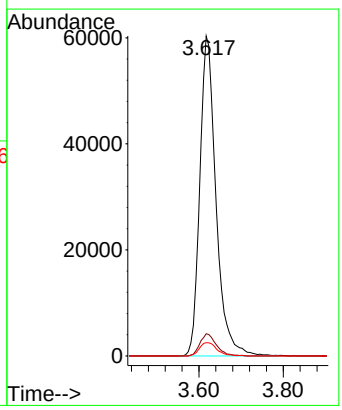


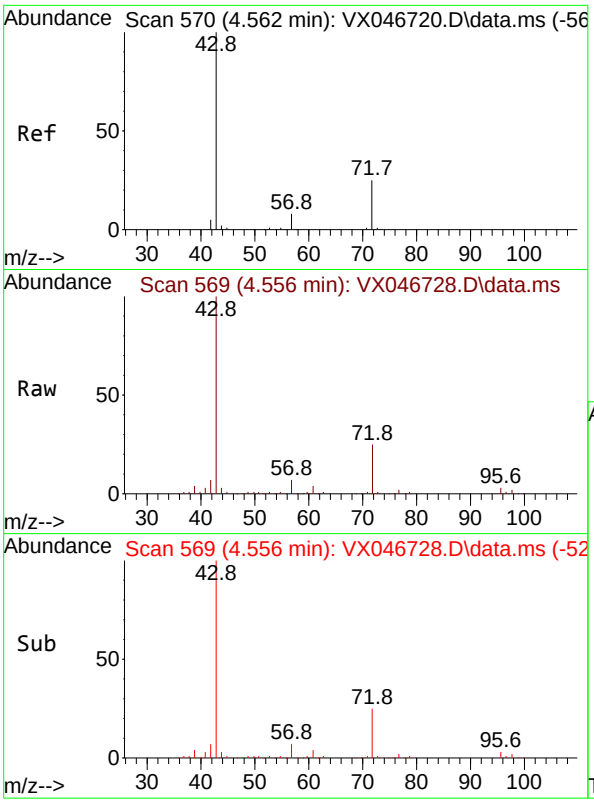


#24
1,1-Dichloroethane
Concen: 48.236 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 63 Resp: 161335

Ion	Ratio	Lower	Upper
63	100		
98	7.5	4.0	11.9
100	4.2	2.2	6.6





#25
2-Butanone
Concen: 217.827 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 43 Resp: 21761

Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.2	30.4

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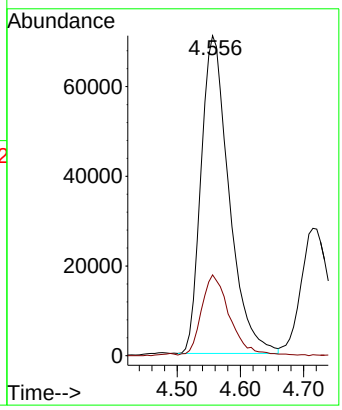
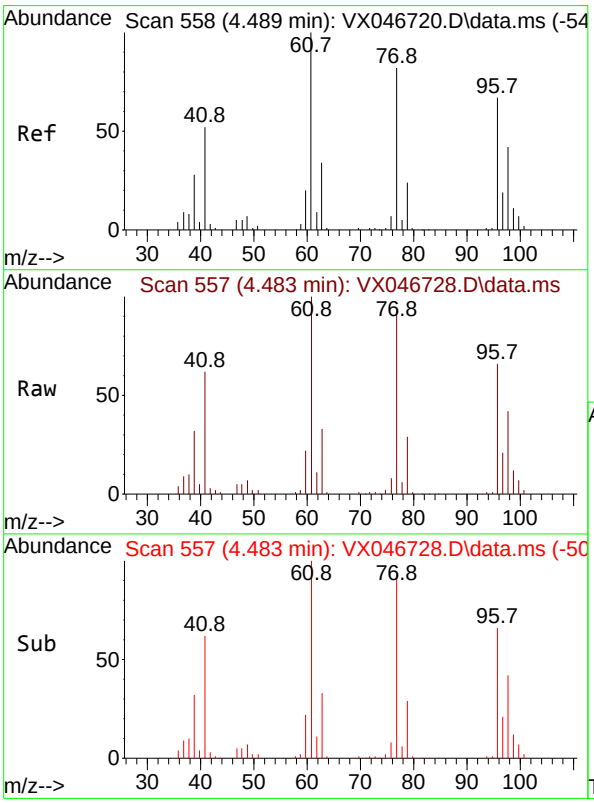
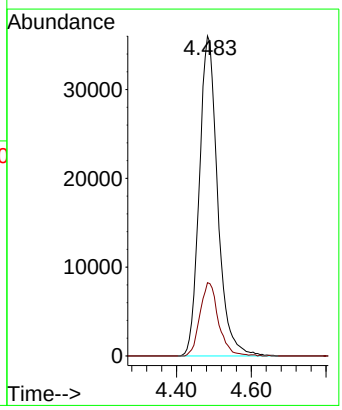


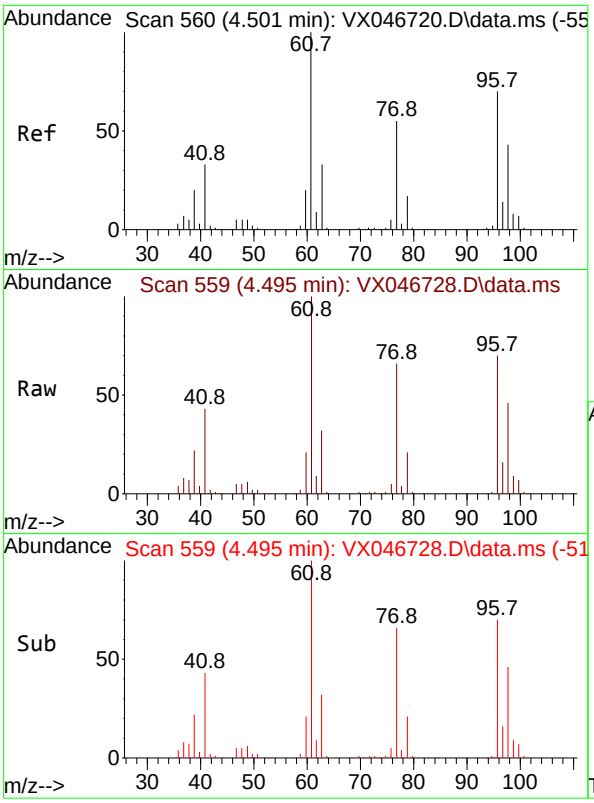


#26
2,2-Dichloropropane
Concen: 50.275 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 77 Resp: 122642

Ion	Ratio	Lower	Upper
77	100		
97	23.0	11.8	35.3





#27
cis-1,2-Dichloroethene
Concen: 47.512 ug/l
RT: 4.495 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 96 Resp: 10103

Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	291.0
98	65.3	0.0	126.8

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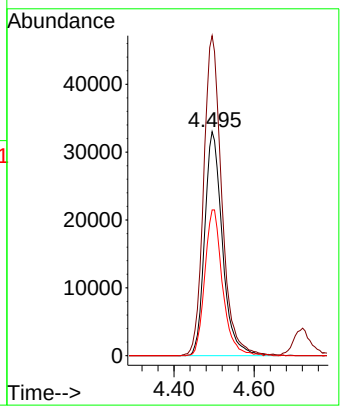
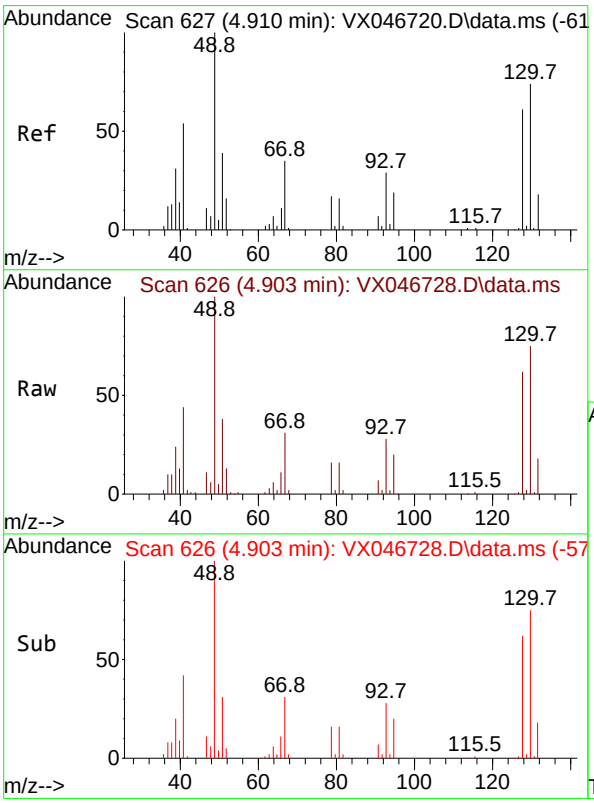
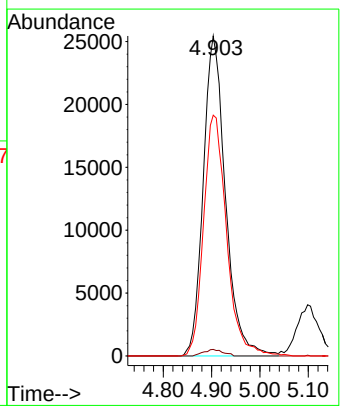


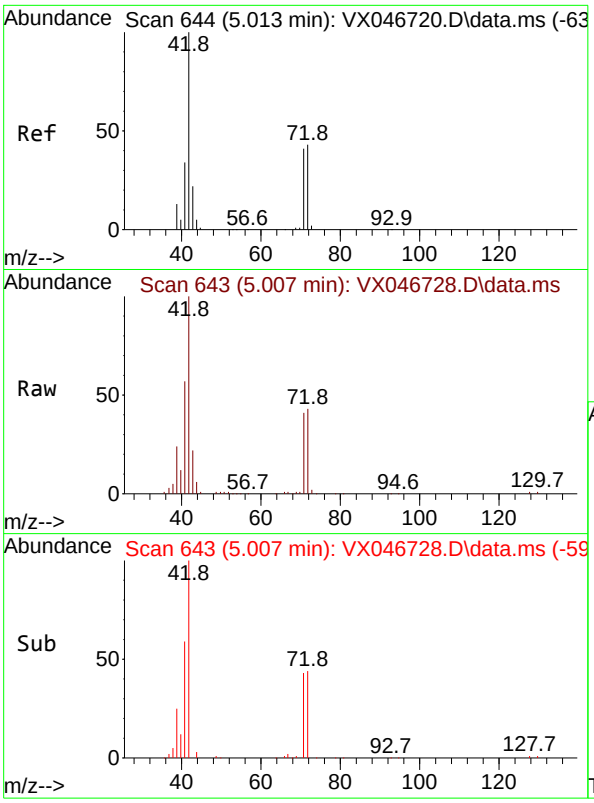


#28
Bromochloromethane
Concen: 53.494 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 49 Resp: 81116

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	78.0	61.4	92.0





#29
Tetrahydrofuran
Concen: 219.377 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 42 Resp: 14156

Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.9	52.3
71	40.1	32.2	48.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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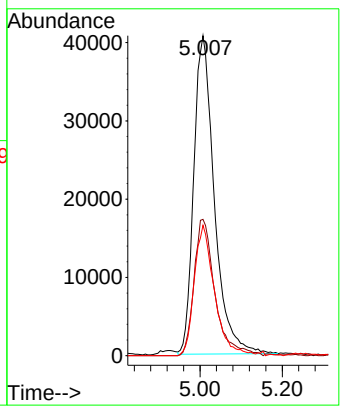
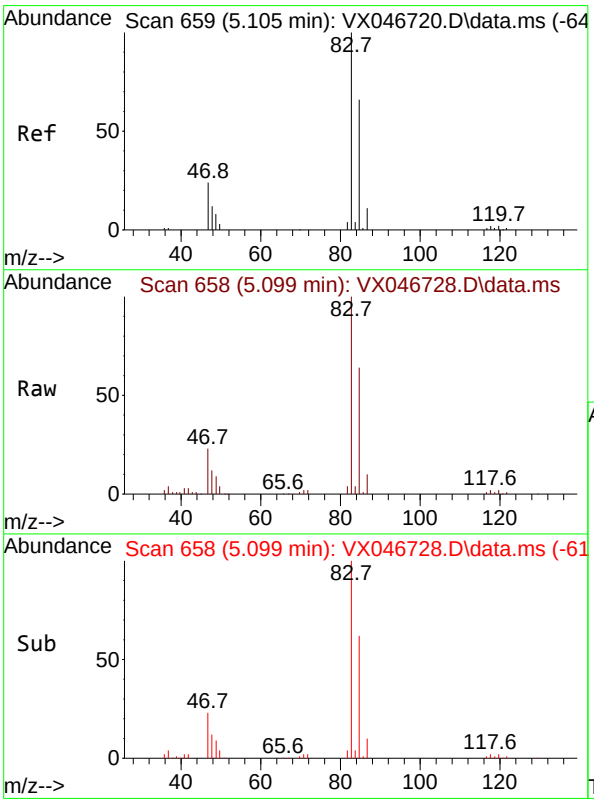
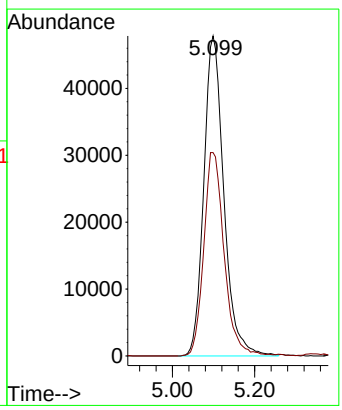


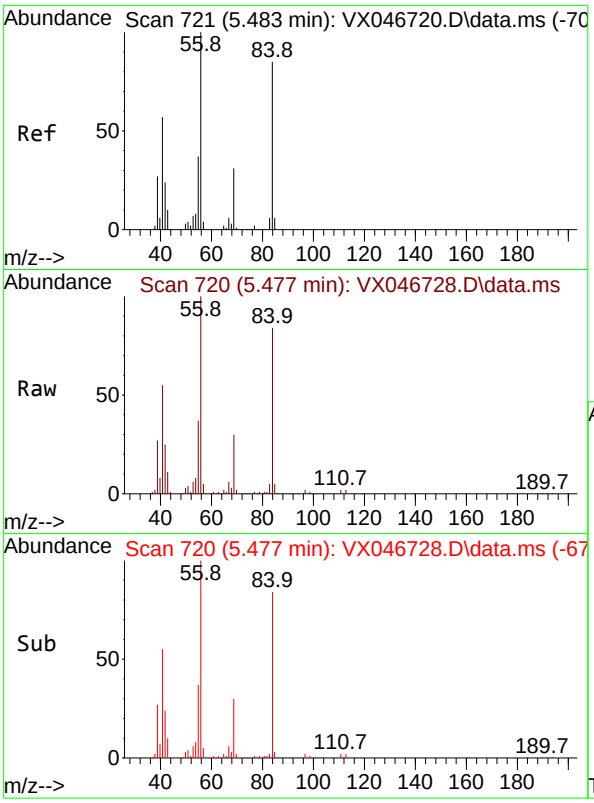


#30
Chloroform
Concen: 48.377 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 83 Resp: 161817

Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.7	80.5

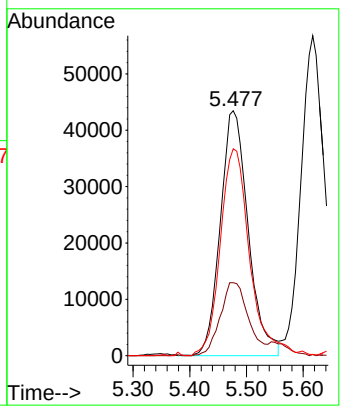




#31
Cyclohexane
Concen: 46.830 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 56 Resp: 14853

Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.8	37.2
84	82.7	68.2	102.2



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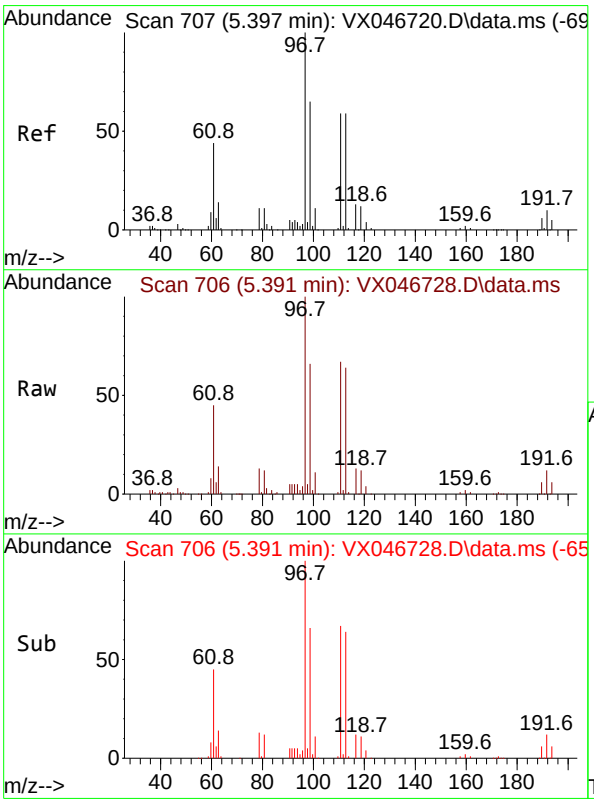
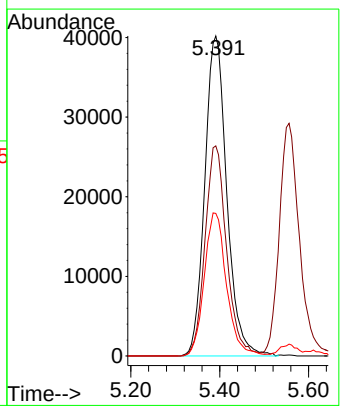
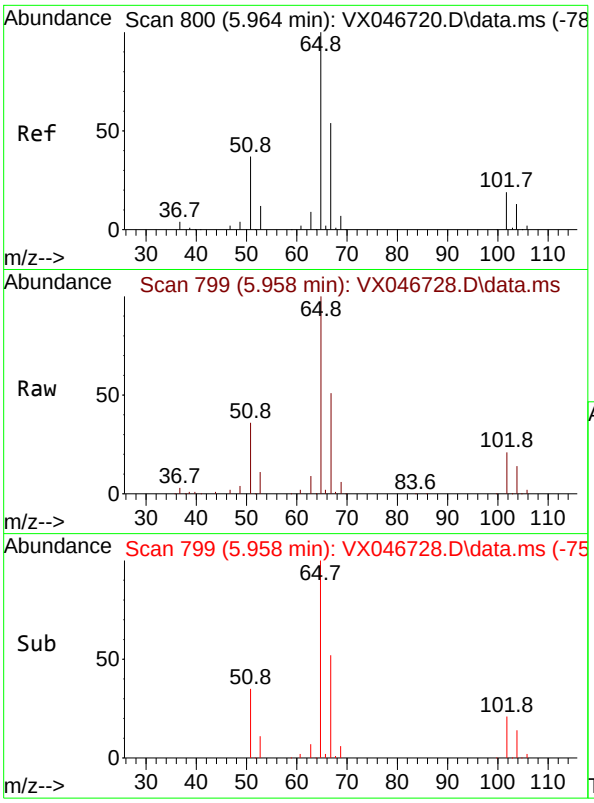


#32
1,1,1-Trichloroethane
Concen: 47.262 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 97 Resp: 138647

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	45.2	36.4	54.6

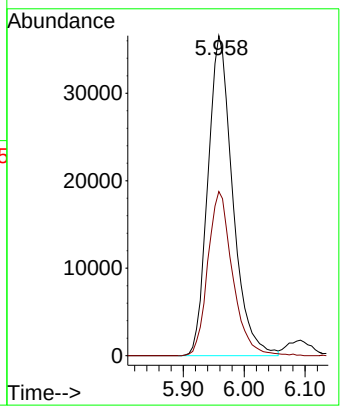




#33
1,2-Dichloroethane-d4
Concen: 48.871 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 65 Resp: 10352

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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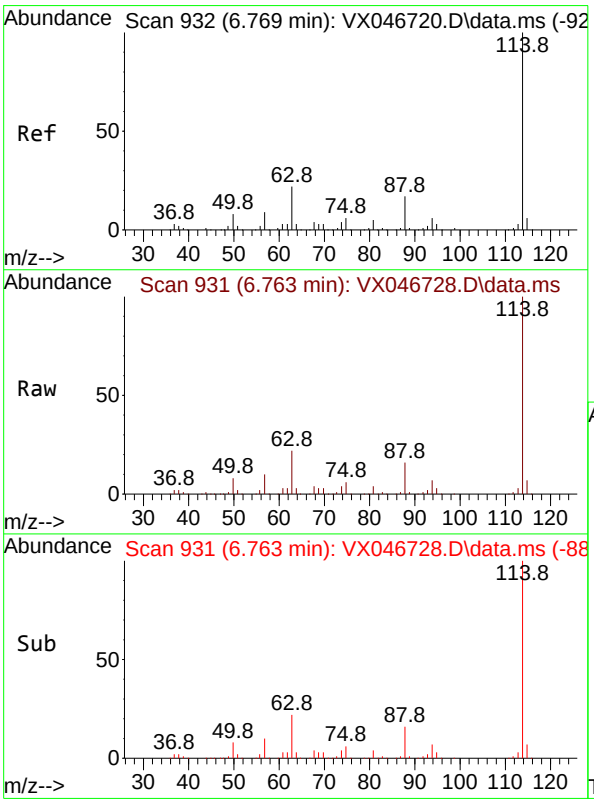
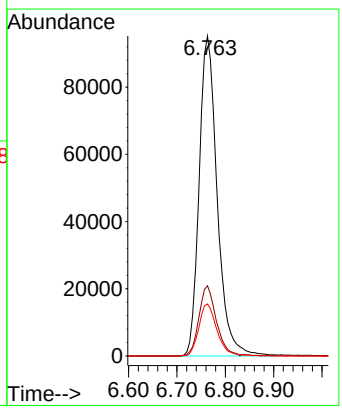
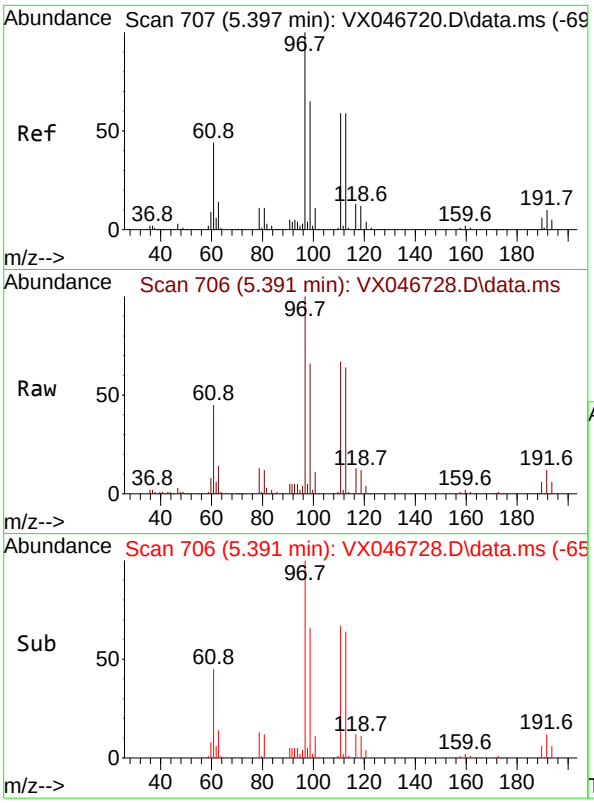


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:114 Resp: 247293

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.2
88	16.2	0.0	33.2

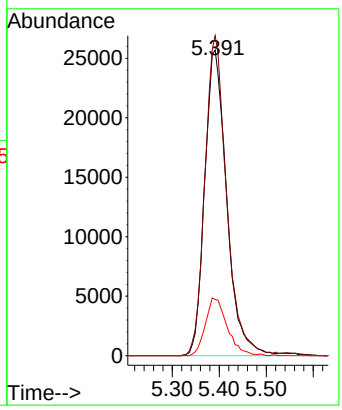




#35
Dibromofluoromethane
Concen: 51.320 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:113 Resp: 8396

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	18.7	15.3	22.9



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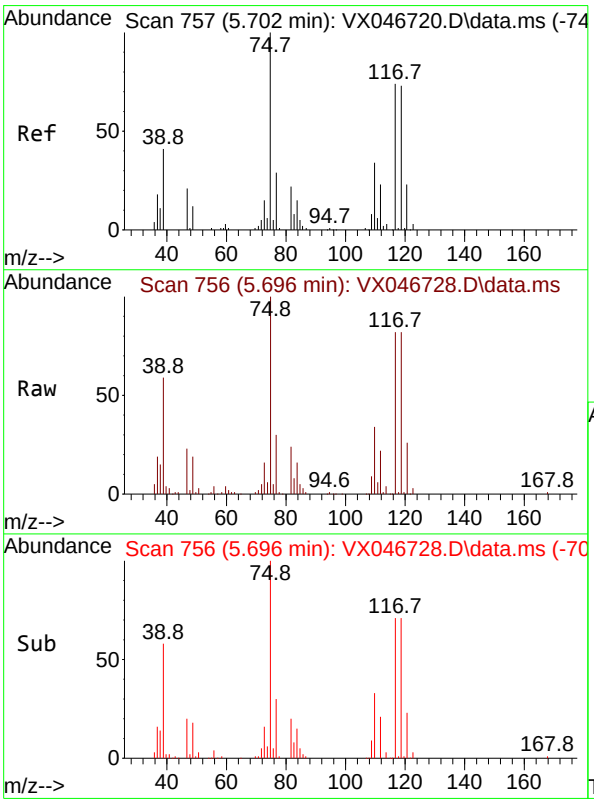
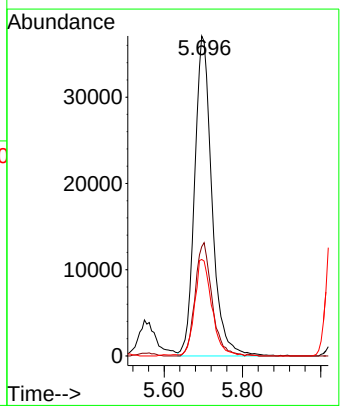
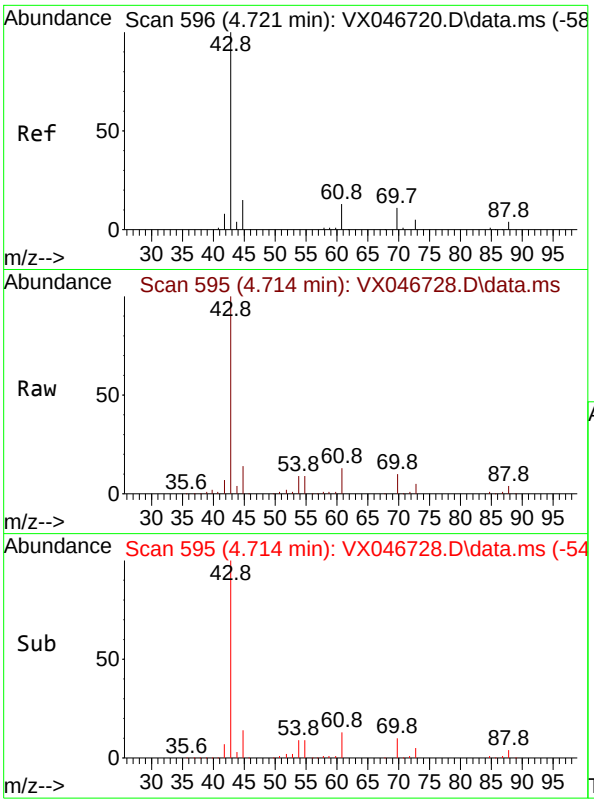


#36
1,1-Dichloropropene
Concen: 48.312 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 75 Resp: 114107

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.2	51.5
77	30.4	24.2	36.4





#37
Ethyl Acetate
Concen: 44.108 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 43 Resp: 9616

Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.7	14.5
70	10.2	8.1	12.1

Instrument :
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ClientSampleId :
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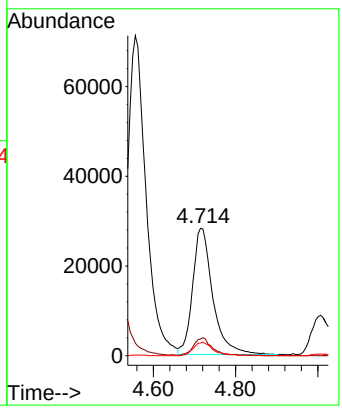
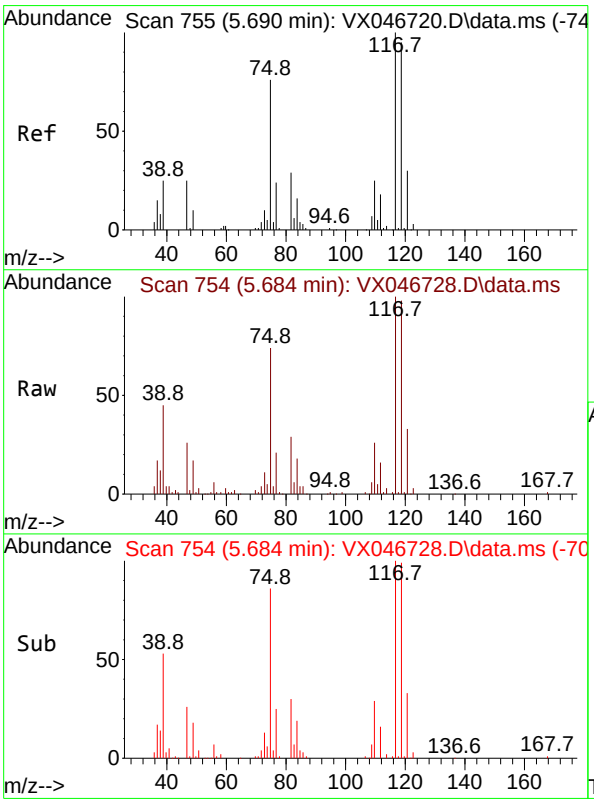
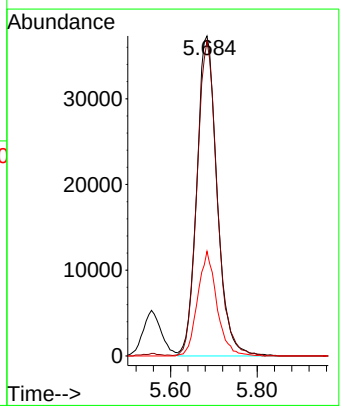


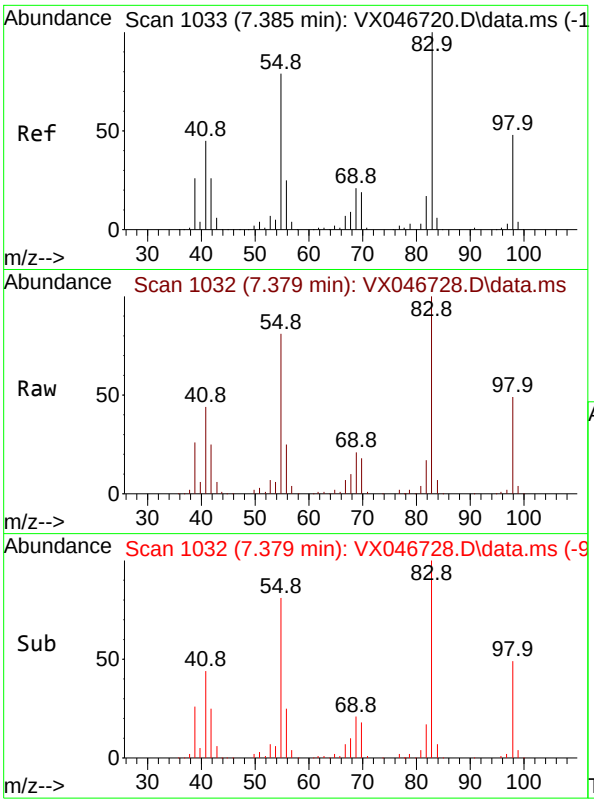


#38
Carbon Tetrachloride
Concen: 47.537 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:117 Resp: 121848

Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.2	112.8
121	32.7	24.1	36.1





#39
Methylcyclohexane
Concen: 48.402 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 83 Resp: 15043

Ion	Ratio	Lower	Upper
83	100		
55	80.6	63.0	94.4
98	48.8	38.8	58.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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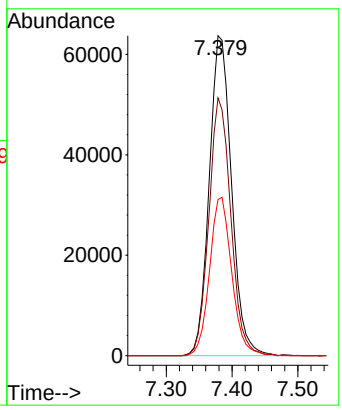
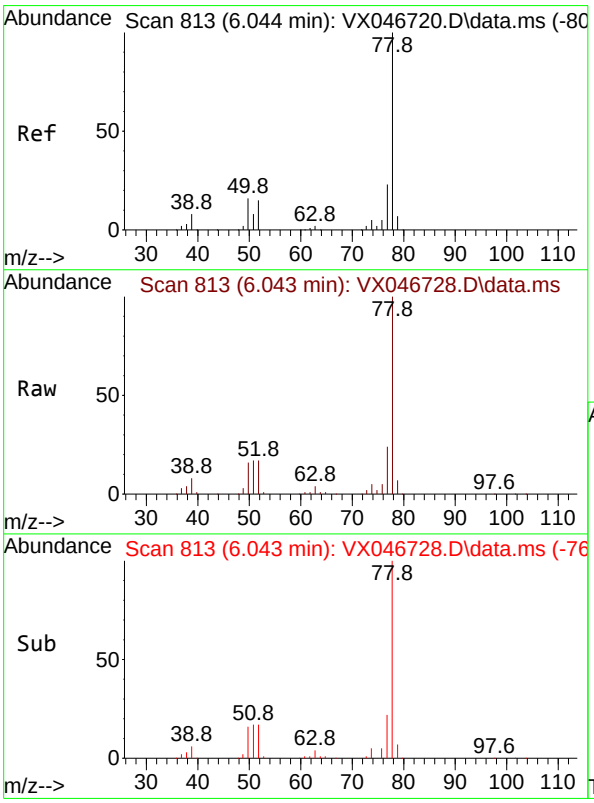
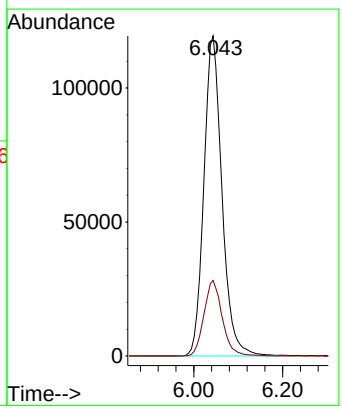


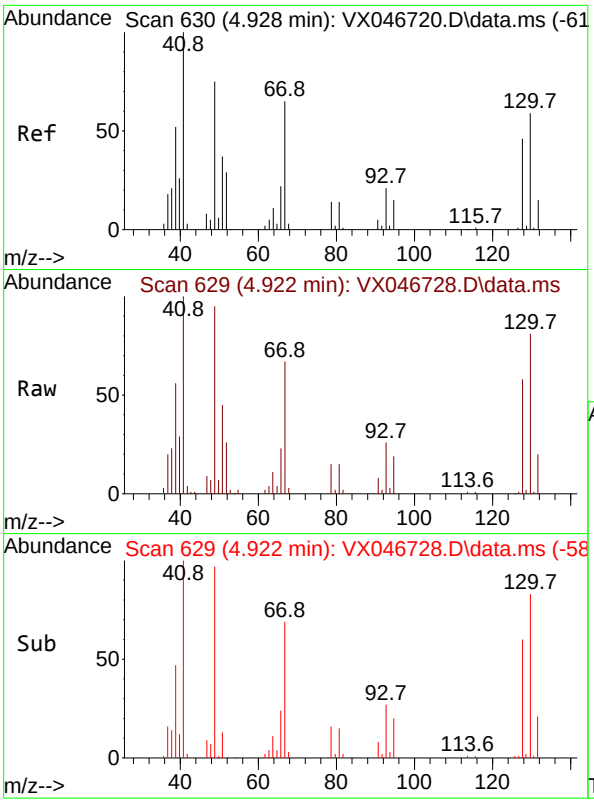


#40
Benzene
Concen: 48.414 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 78 Resp: 338410

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2

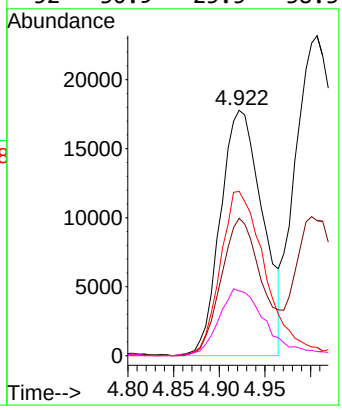




#41
Methacrylonitrile
Concen: 49.115 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 41 Resp: 5708

Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.9	68.9
67	72.4	61.2	91.8
52	30.9	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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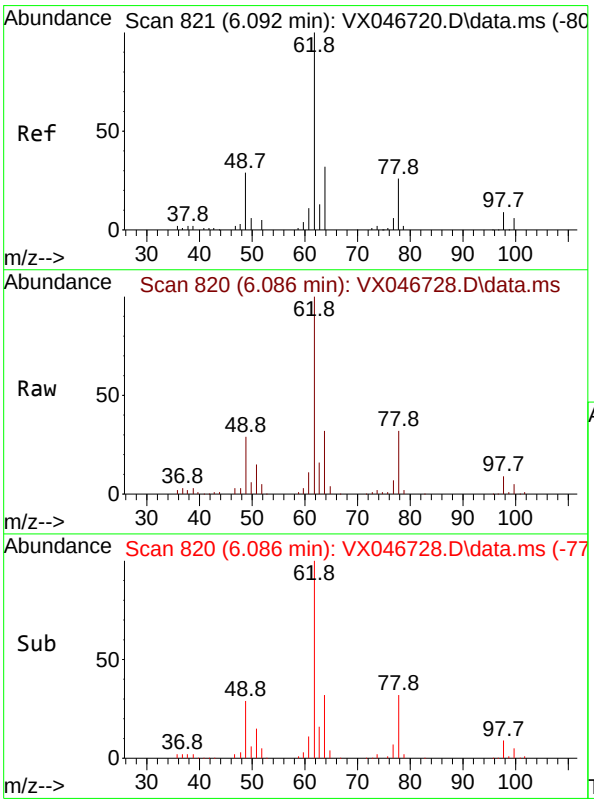
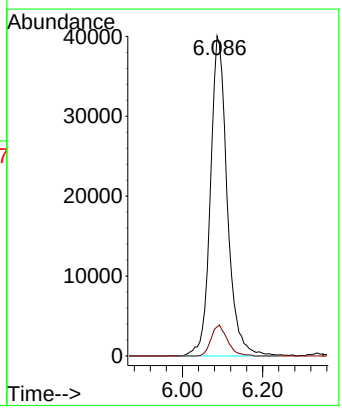
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

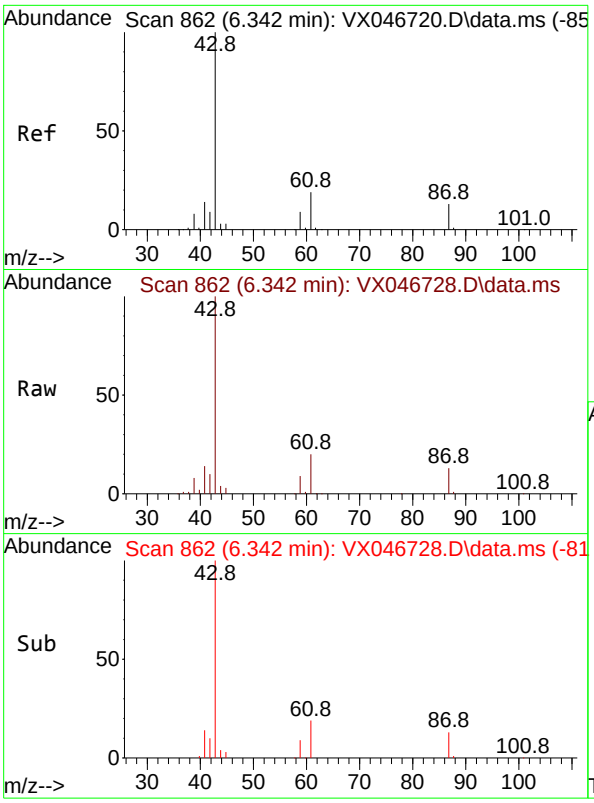


#42
1,2-Dichloroethane
Concen: 47.481 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 62 Resp: 116628

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8





#43
Isopropyl Acetate
Concen: 46.196 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 43 Resp: 15759

Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.3	22.9
87	12.4	10.0	15.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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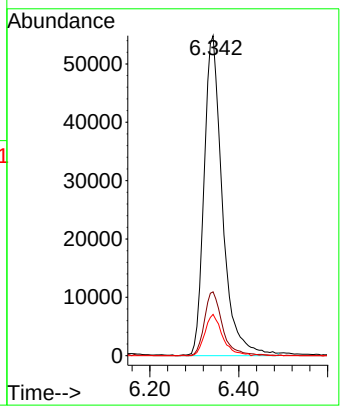
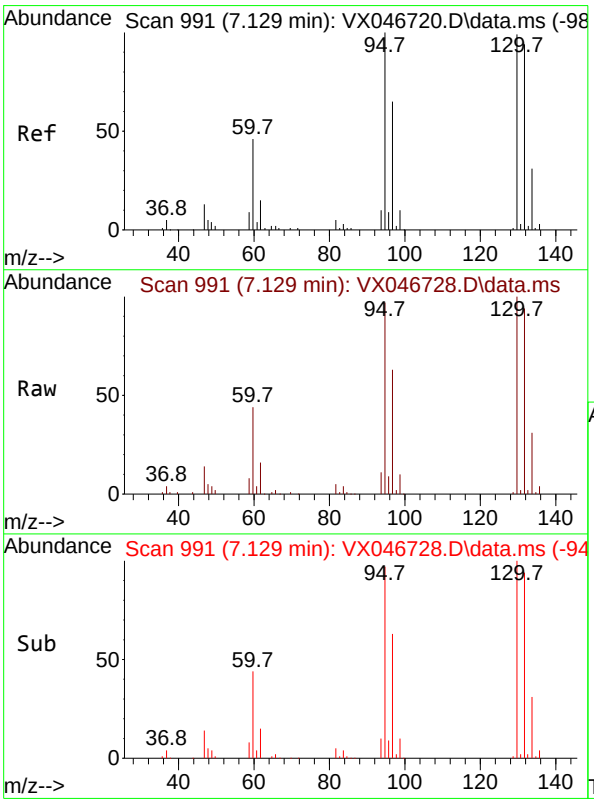
Supervised By :Mahesh Dadoda 06/21/2025

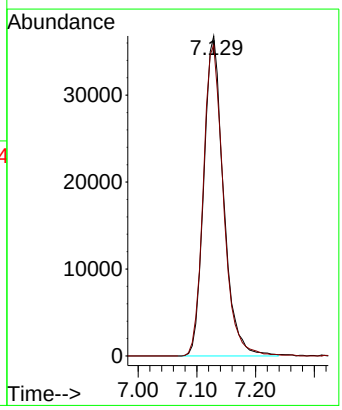


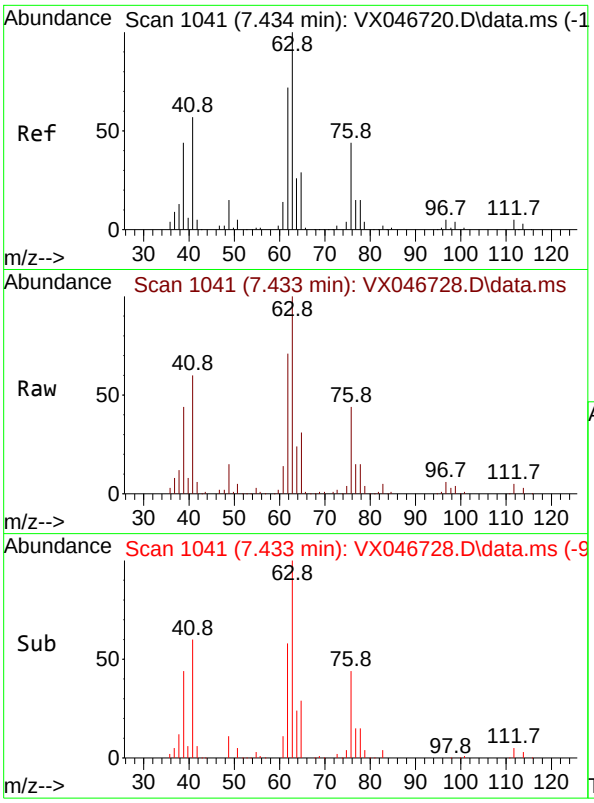


#44
Trichloroethene
Concen: 48.105 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:130 Resp: 85692

Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	202.6





#45
1,2-Dichloropropane
Concen: 48.335 ug/l
RT: 7.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 63 Resp: 8373

Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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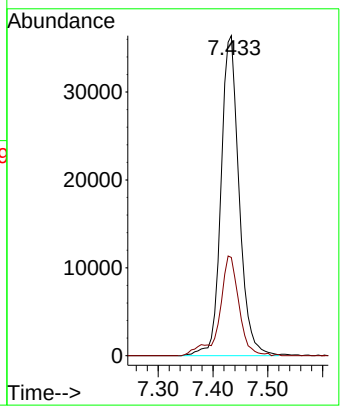
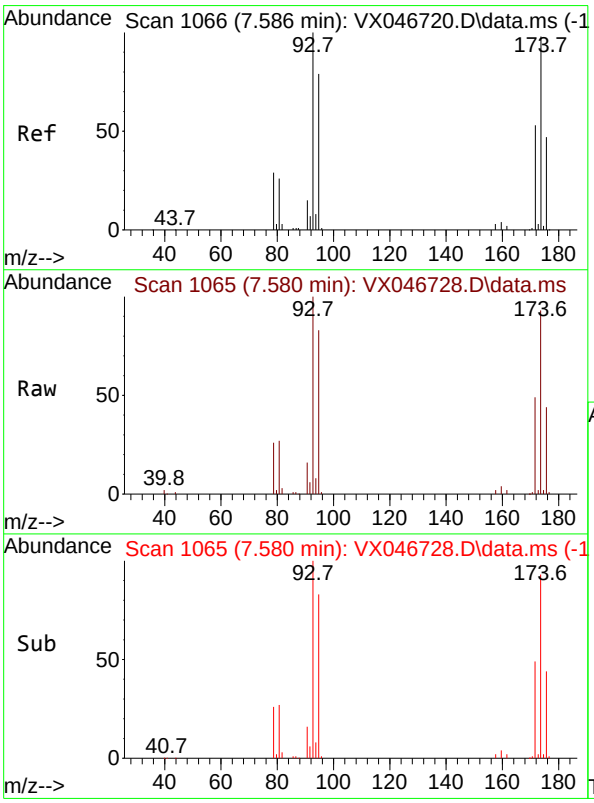
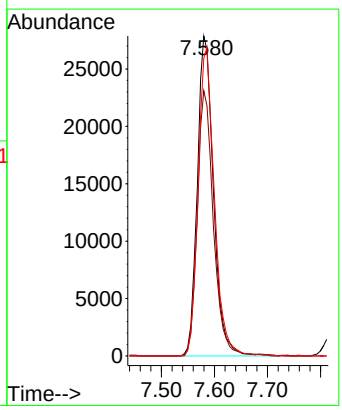


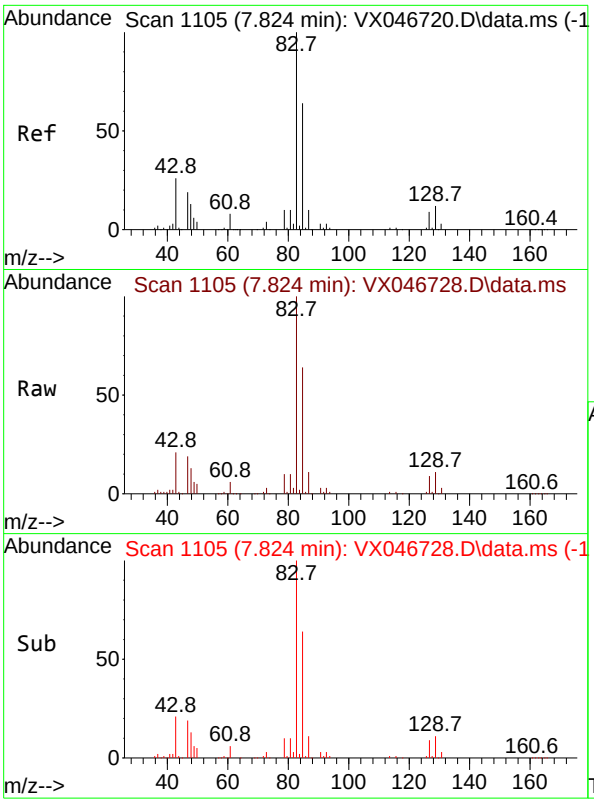


#46
Dibromomethane
Concen: 47.472 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 93 Resp: 59103

Ion	Ratio	Lower	Upper
93	100		
95	82.1	66.2	99.4
174	96.4	77.0	115.6





#47
Bromodichloromethane
Concen: 48.587 ug/l
RT: 7.824 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 83 Resp: 12344

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2
127	8.5	6.9	10.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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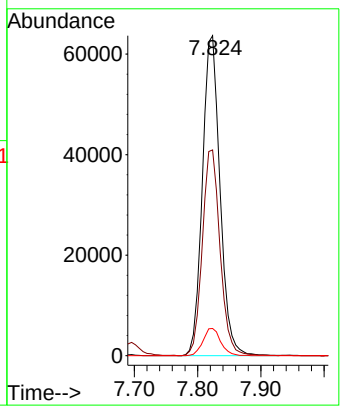
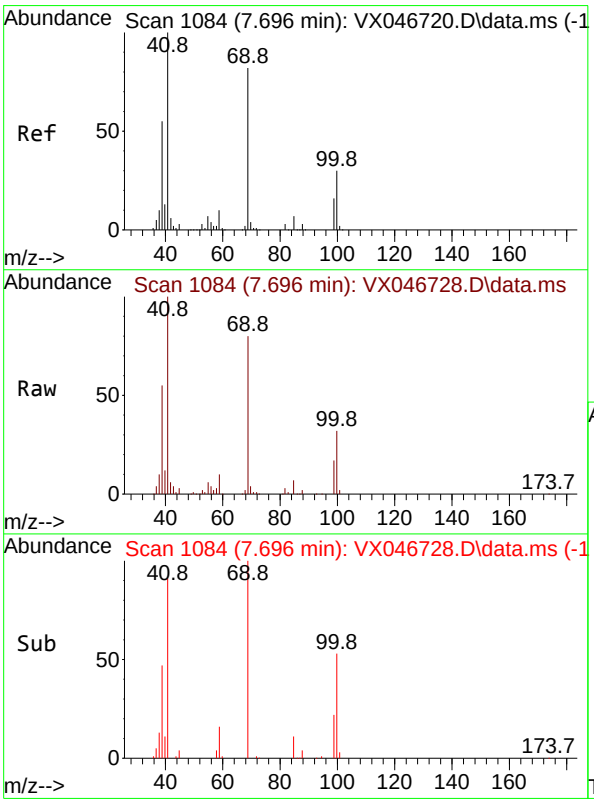
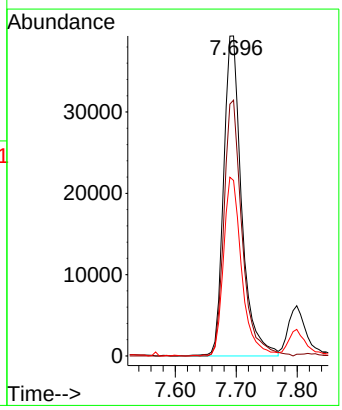


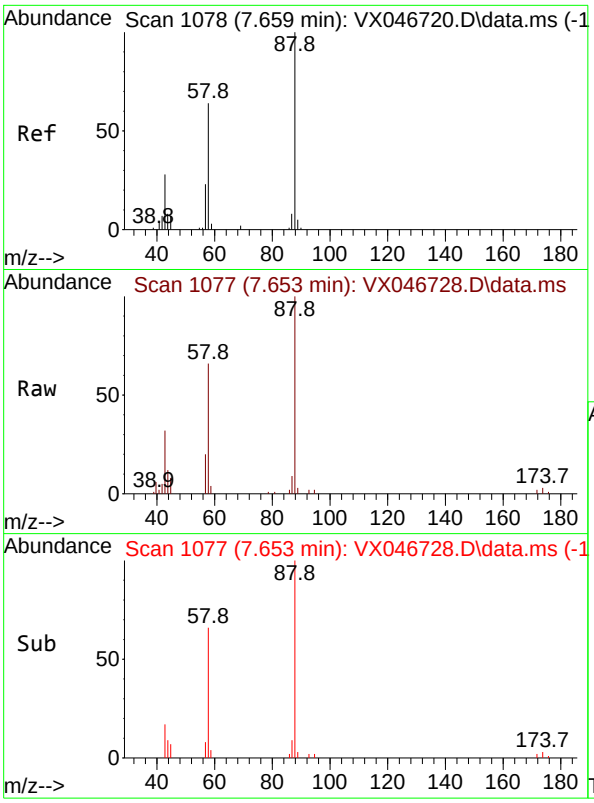


#48
Methyl methacrylate
Concen: 47.322 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 41 Resp: 80965

Ion	Ratio	Lower	Upper
41	100		
69	80.1	63.4	95.2
39	56.3	45.4	68.0





#49
1,4-Dioxane
Concen: 817.840 ug/l
RT: 7.653 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 88 Resp: 2022

Ion	Ratio	Lower	Upper
88	100		
43	41.3	31.2	46.8
58	70.2	54.7	82.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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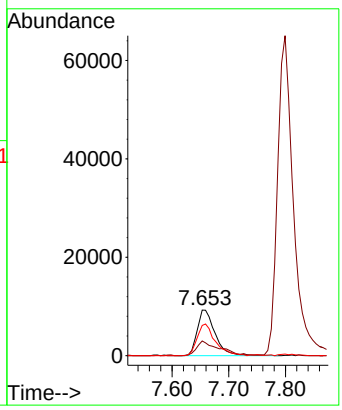
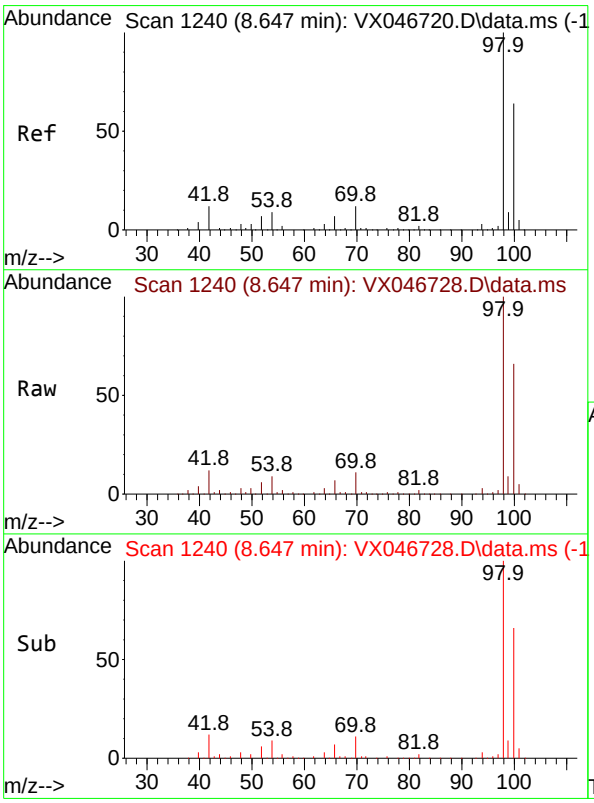
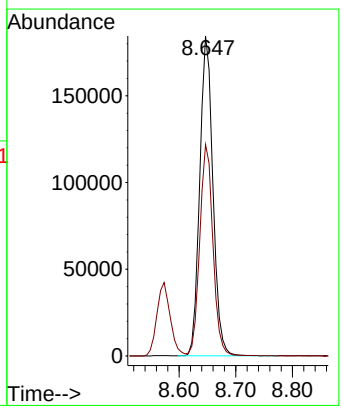


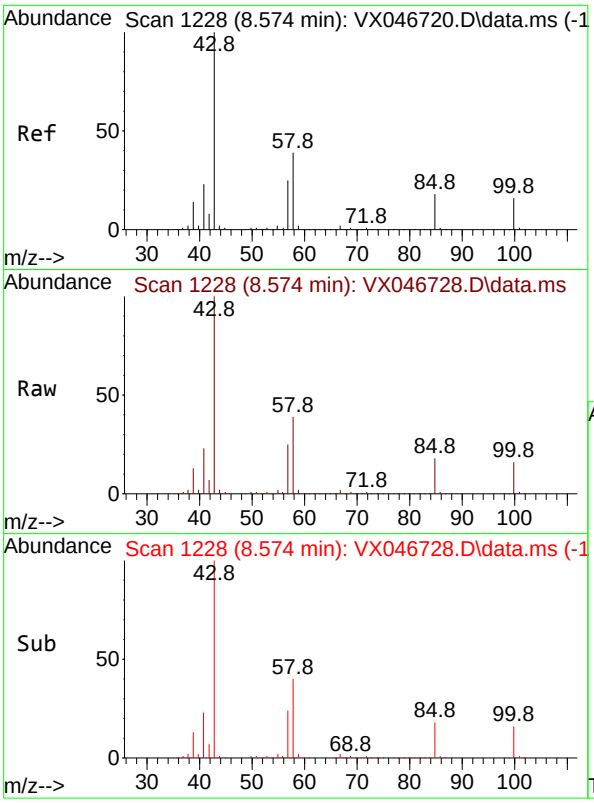


#50
Toluene-d8
Concen: 50.561 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 98 Resp: 297216

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

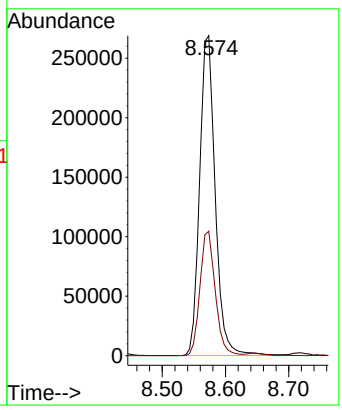




#51
4-Methyl-2-Pentanone
Concen: 227.118 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 43 Resp: 46211

Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.8	46.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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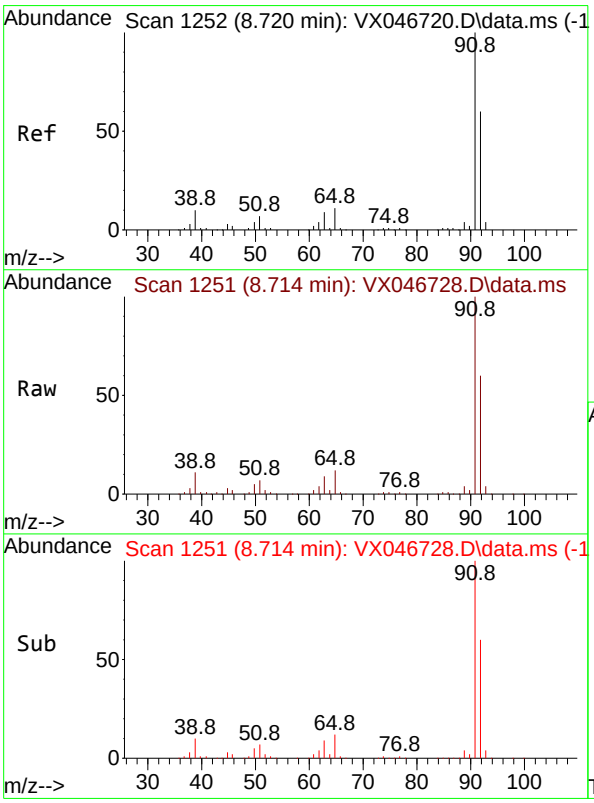
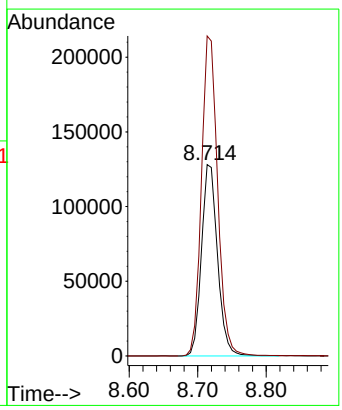
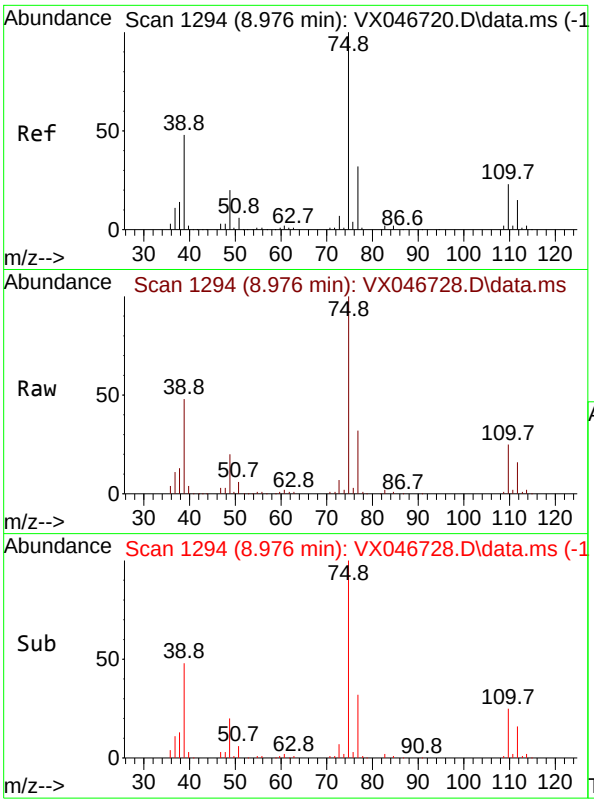


#52
Toluene
Concen: 48.176 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 92 Resp: 208762

Ion	Ratio	Lower	Upper
92	100		
91	169.0	134.8	202.2

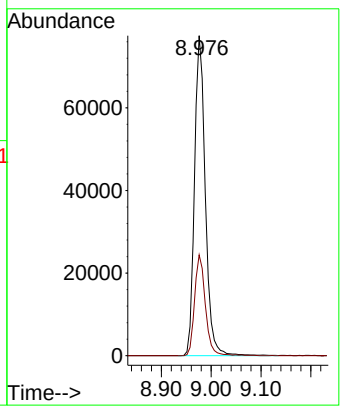




#53
t-1,3-Dichloropropene
Concen: 49.516 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 75 Resp: 11672

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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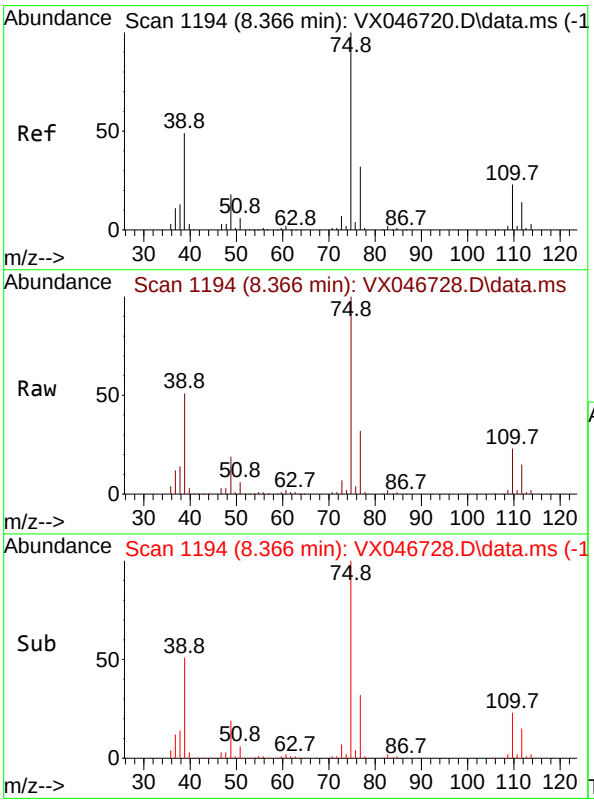
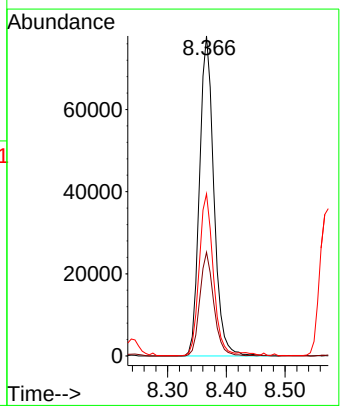
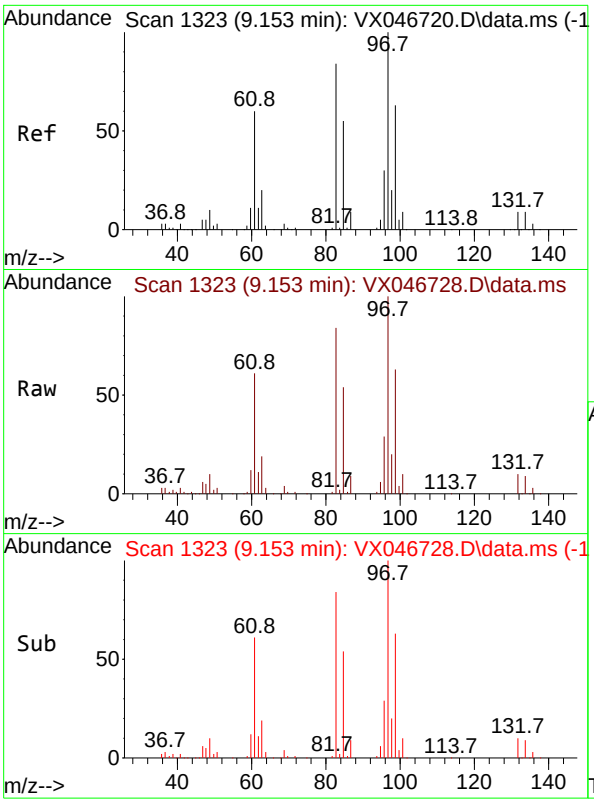


#54
cis-1,3-Dichloropropene
Concen: 49.396 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 75 Resp: 132187

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.3	37.9
39	50.6	39.2	58.8

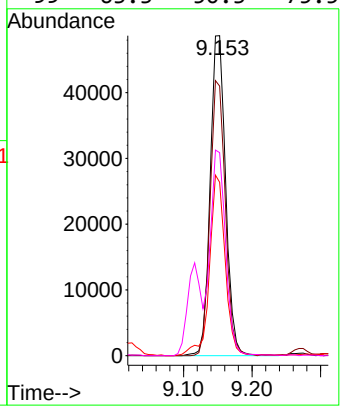




#55
1,1,2-Trichloroethane
Concen: 47.325 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 97 Resp: 7642

Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.2	100.8
85	54.0	44.1	66.1
99	63.3	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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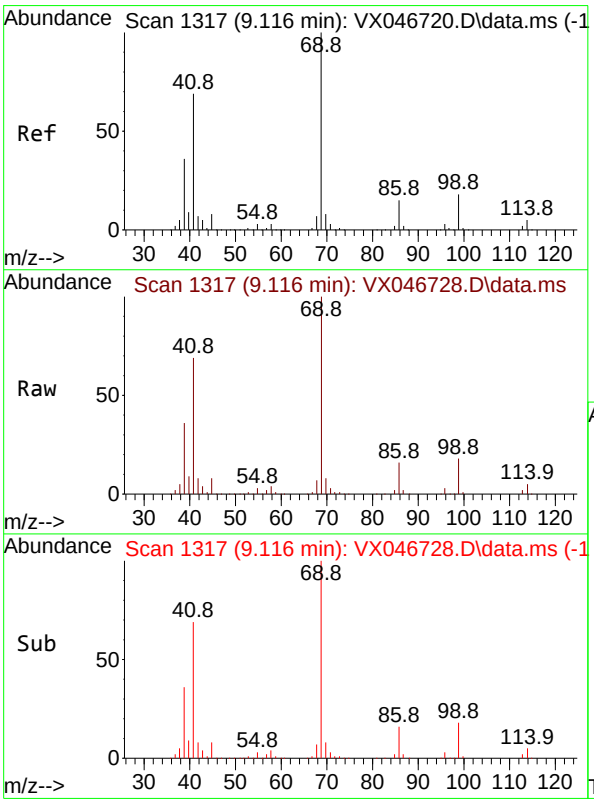
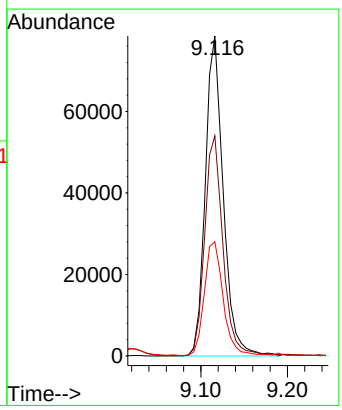
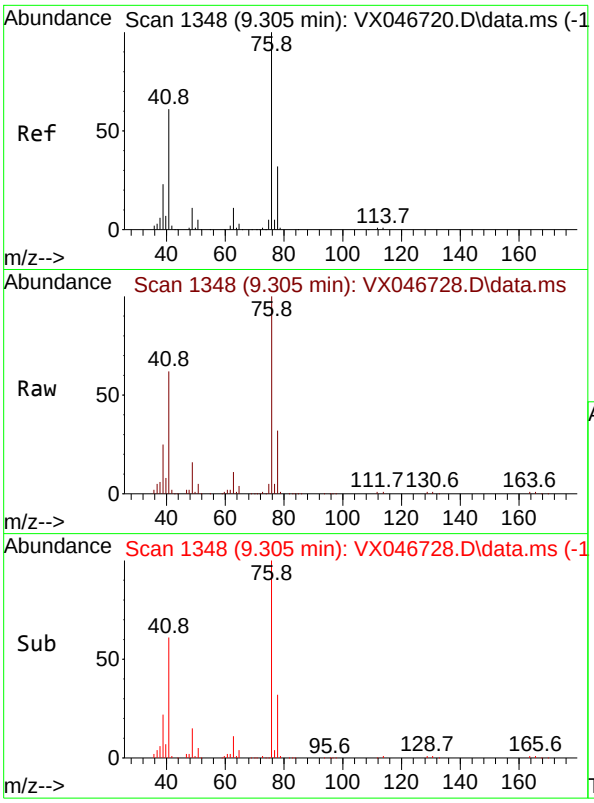


#56
Ethyl methacrylate
Concen: 47.362 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 69 Resp: 112902

Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.4	83.2
39	37.1	29.7	44.5





#57
1,3-Dichloropropane
Concen: 46.323 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 76 Resp: 12882

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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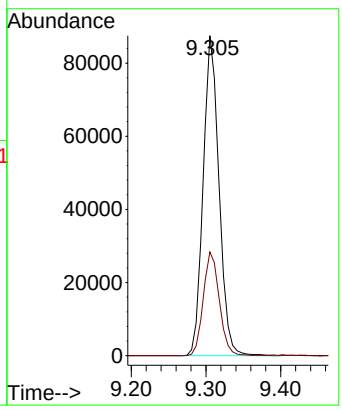
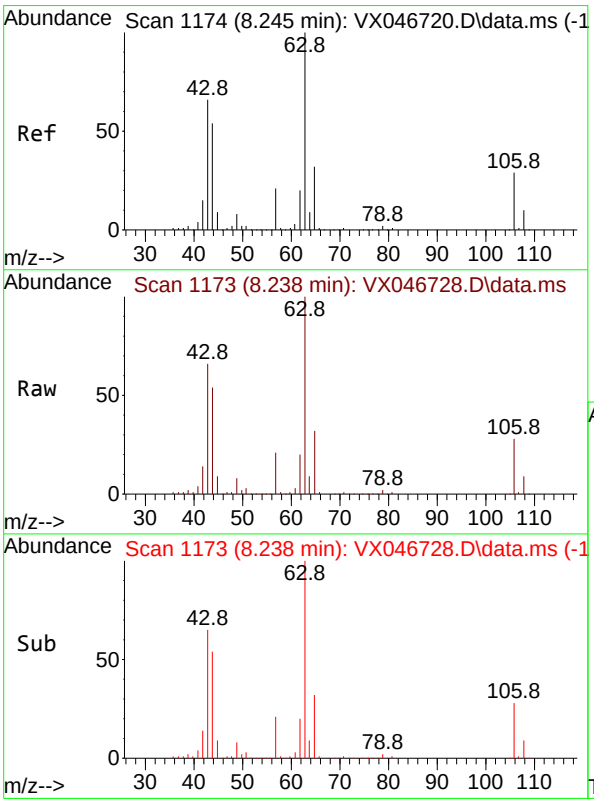
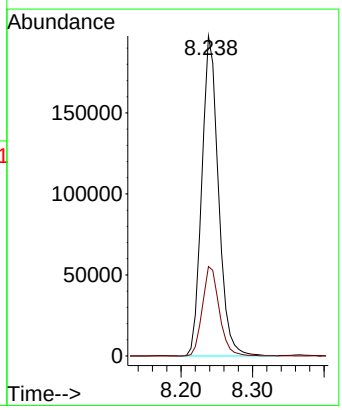


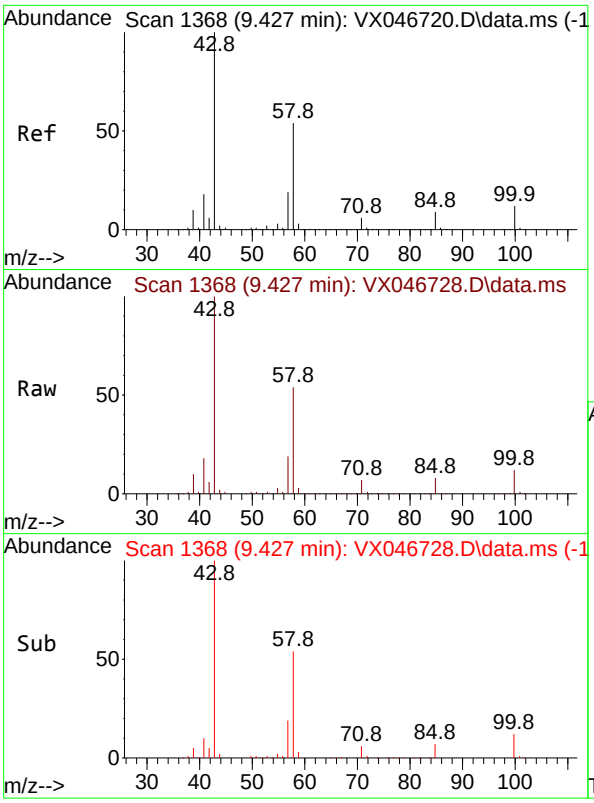


#58
2-Chloroethyl Vinyl ether
Concen: 257.912 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 63 Resp: 319370

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.6	34.0





#59
2-Hexanone
Concen: 224.819 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 43 Resp: 31624

Ion	Ratio	Lower	Upper
43	100		
58	53.8	26.8	80.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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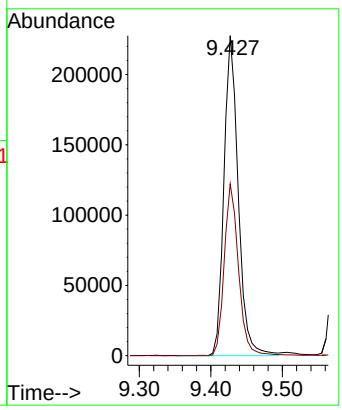
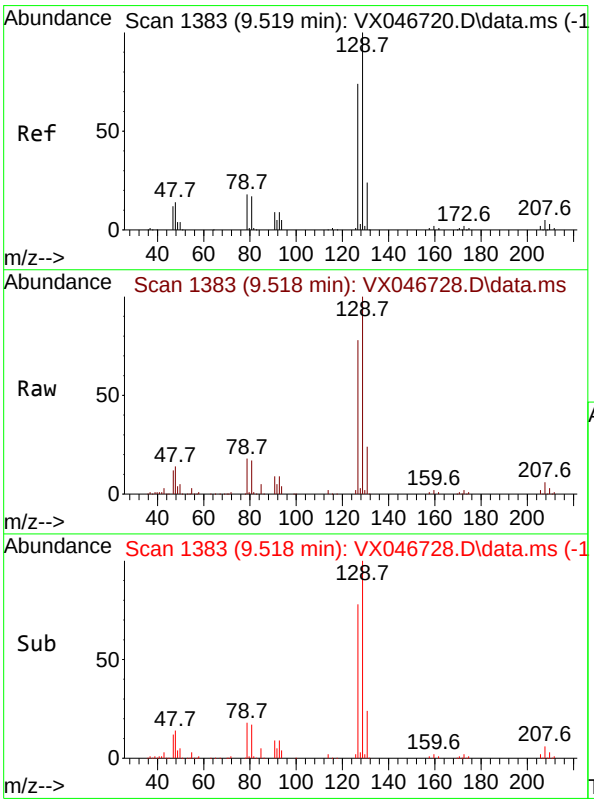
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

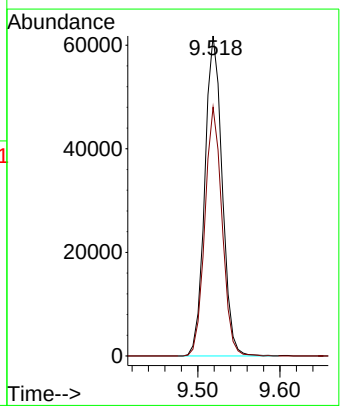


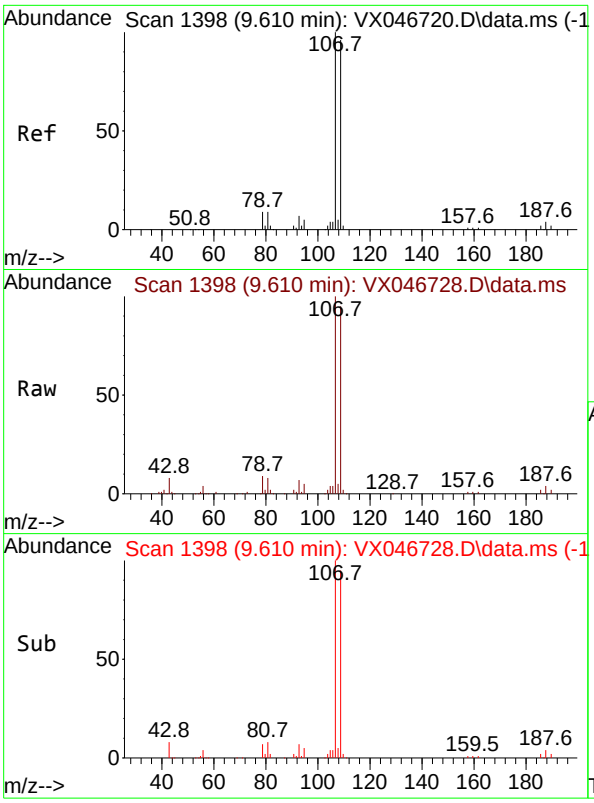


#60
Dibromochloromethane
Concen: 47.662 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:129 Resp: 90703

Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.4	115.2





#61
1,2-Dibromoethane
Concen: 47.518 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:107 Resp: 7805

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.8	113.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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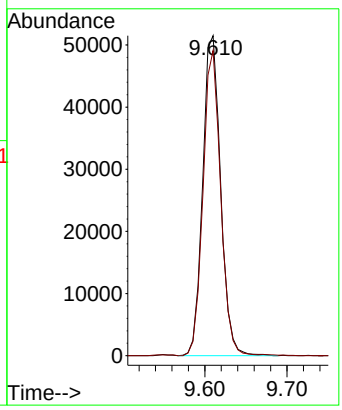
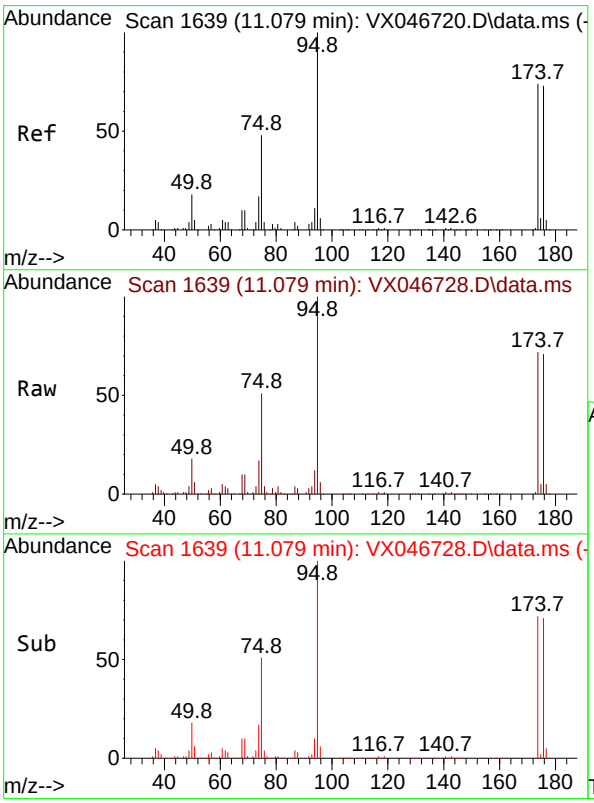
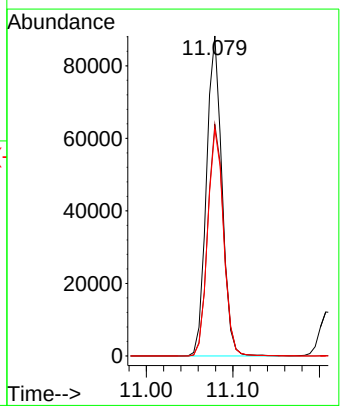


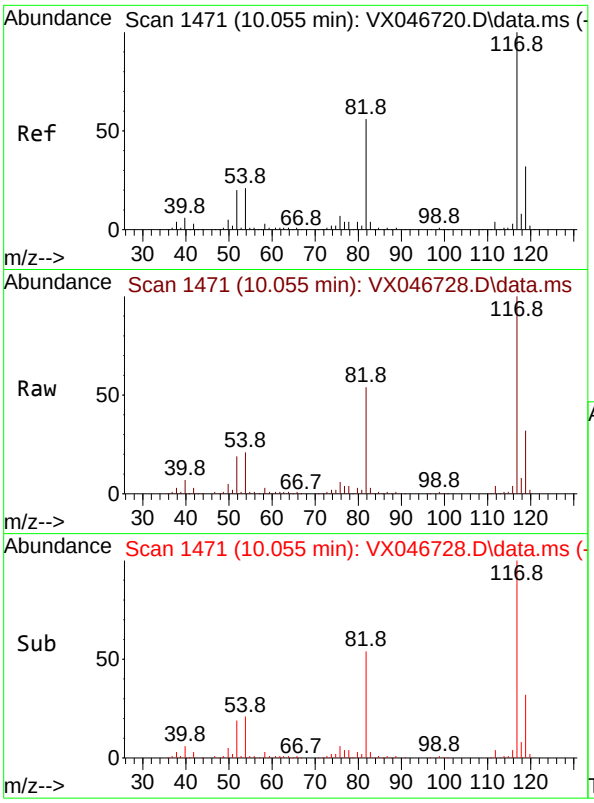


#62
4-Bromofluorobenzene
Concen: 49.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 95 Resp: 109436

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	150.4
176	72.6	0.0	145.0

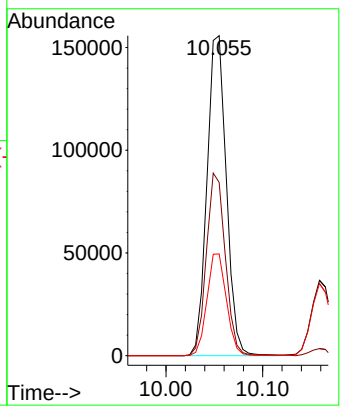




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:117 Resp: 21699

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.6	66.8
119	31.8	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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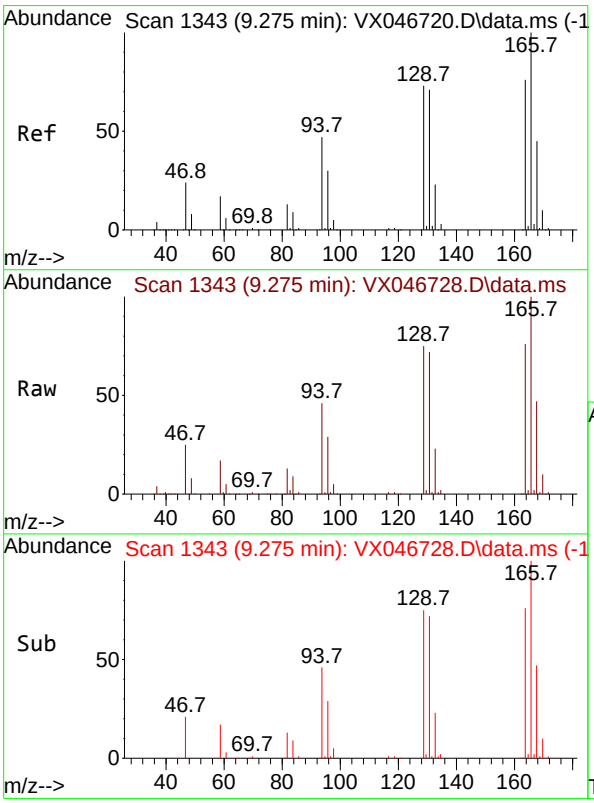
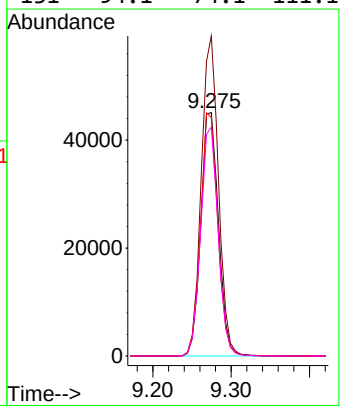
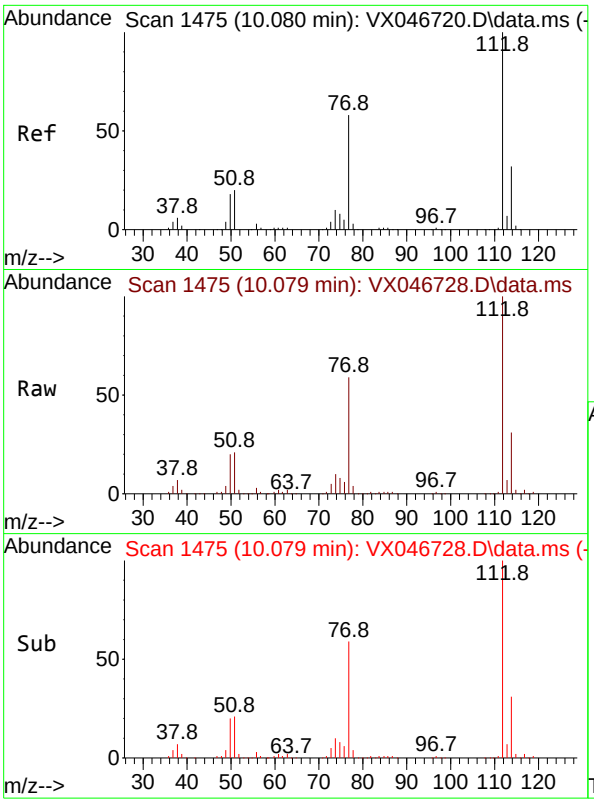


#64
Tetrachloroethene
Concen: 46.765 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:164 Resp: 70305

Ion	Ratio	Lower	Upper
164	100		
166	131.5	104.6	157.0
129	98.0	76.3	114.5
131	94.1	74.1	111.1





#65
Chlorobenzene
Concen: 47.007 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:112 Resp: 22516

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.5	38.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 06/19/2025
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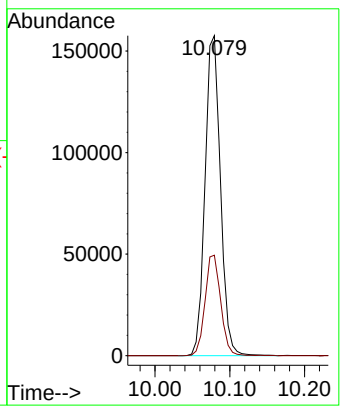
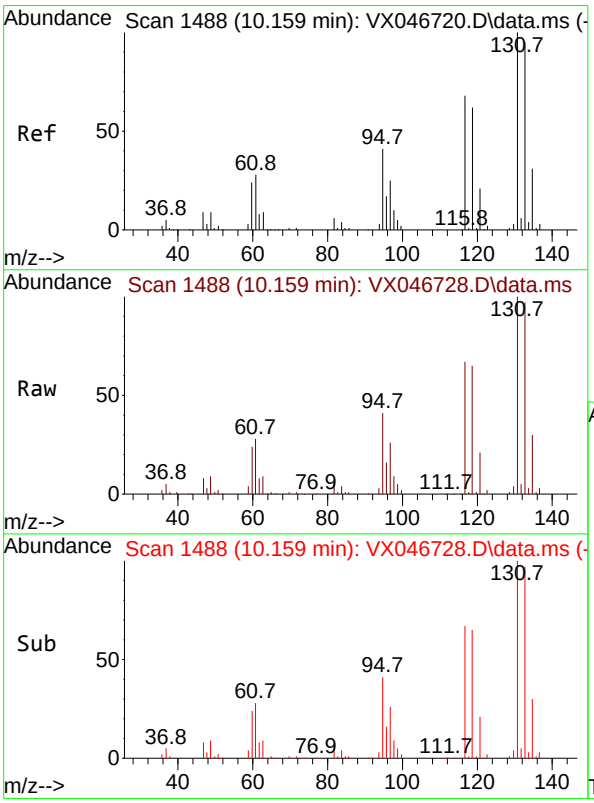
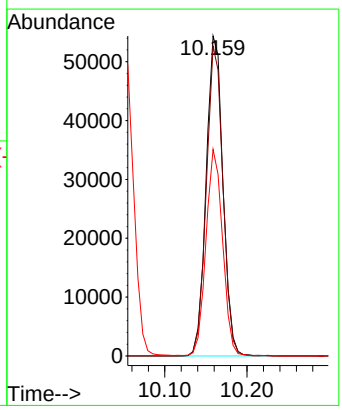


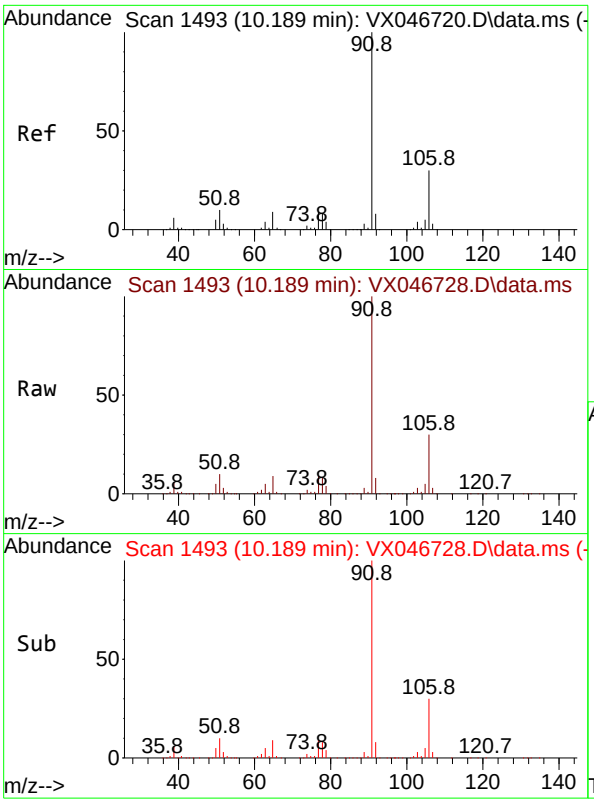


#66
1,1,1,2-Tetrachloroethane
Concen: 47.803 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:131 Resp: 76955

Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.3	141.8
119	64.0	32.1	96.3





#67
Ethyl Benzene
Concen: 47.920 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 91 Resp: 40105

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.2	36.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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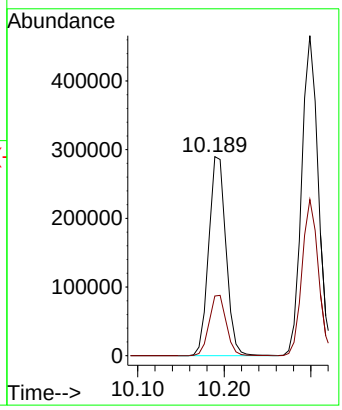
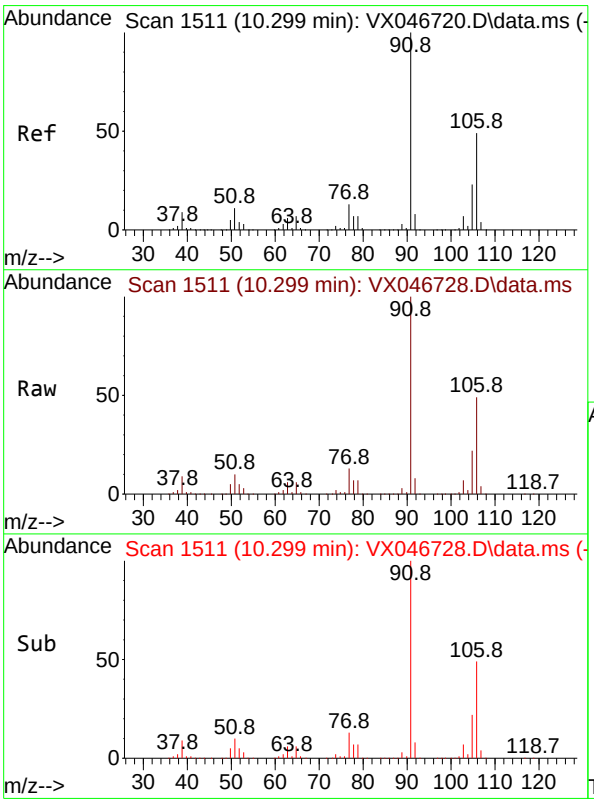
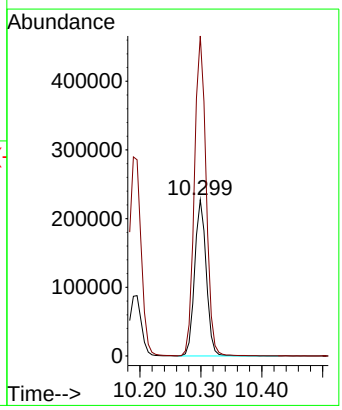


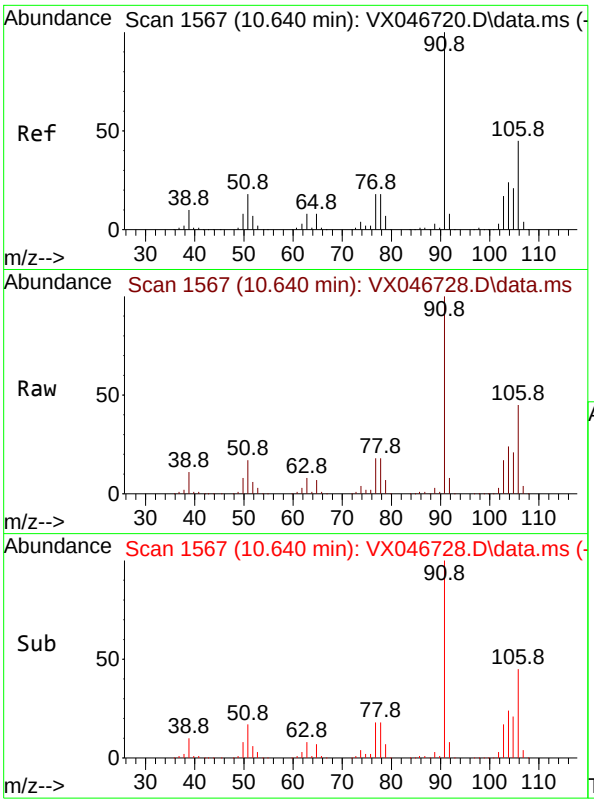


#68
m/p-Xylenes
Concen: 95.905 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:106 Resp: 299077

Ion	Ratio	Lower	Upper
106	100		
91	207.8	164.8	247.2





#69
o-Xylene
Concen: 48.886 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:106 Resp: 14287

Ion	Ratio	Lower	Upper
106	100		
91	220.6	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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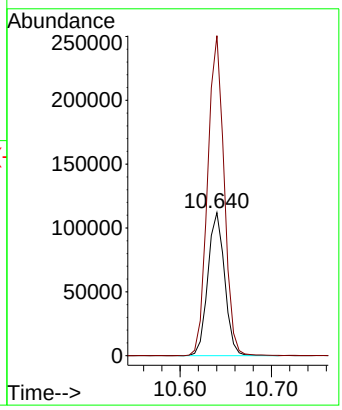
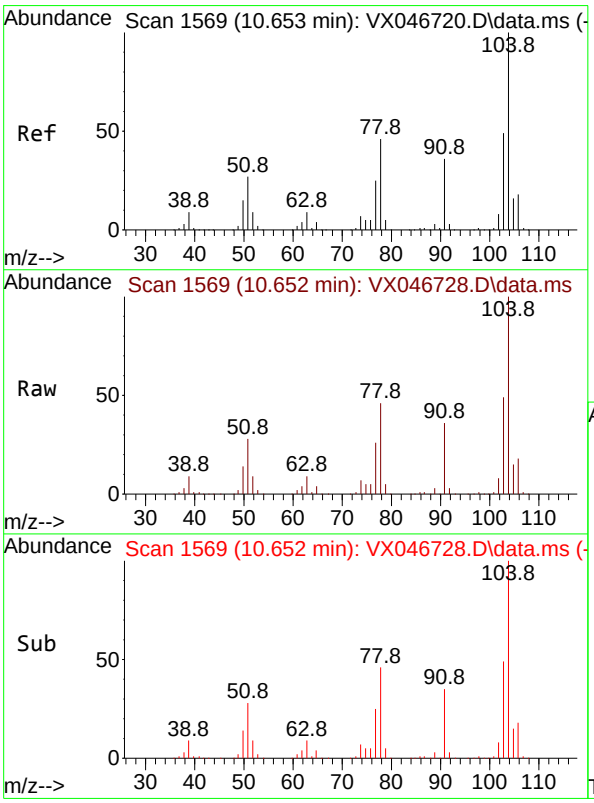
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

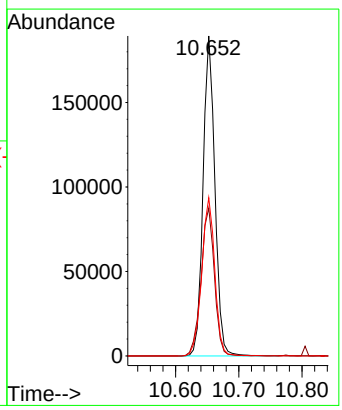


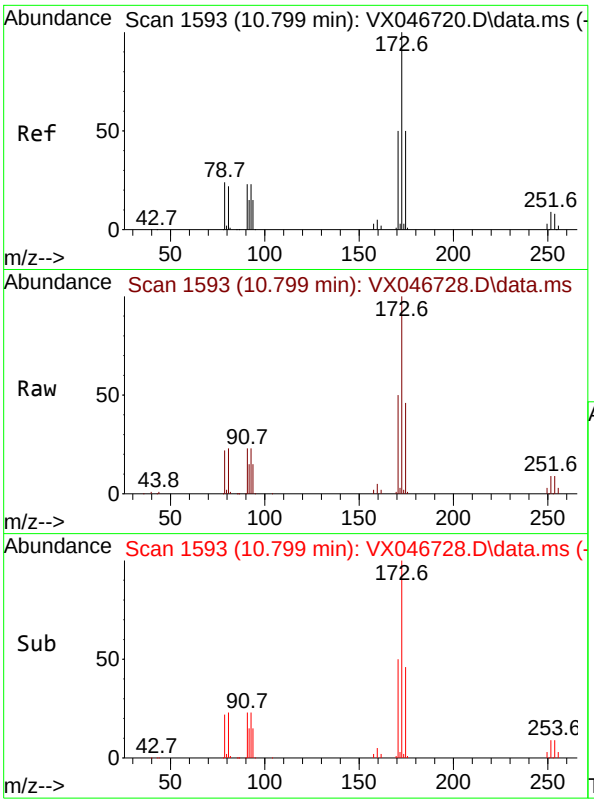


#70
Styrene
Concen: 48.325 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:104 Resp: 247158

Ion	Ratio	Lower	Upper
104	100		
78	52.3	41.4	62.2
103	54.6	43.1	64.7

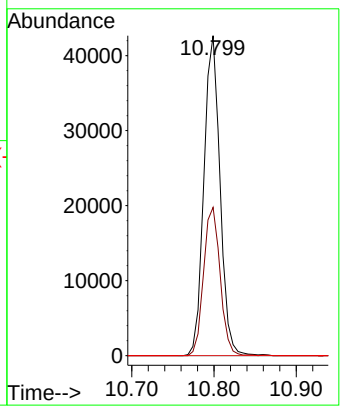




#71
Bromoform
Concen: 47.441 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:173 Resp: 5816

Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.1	72.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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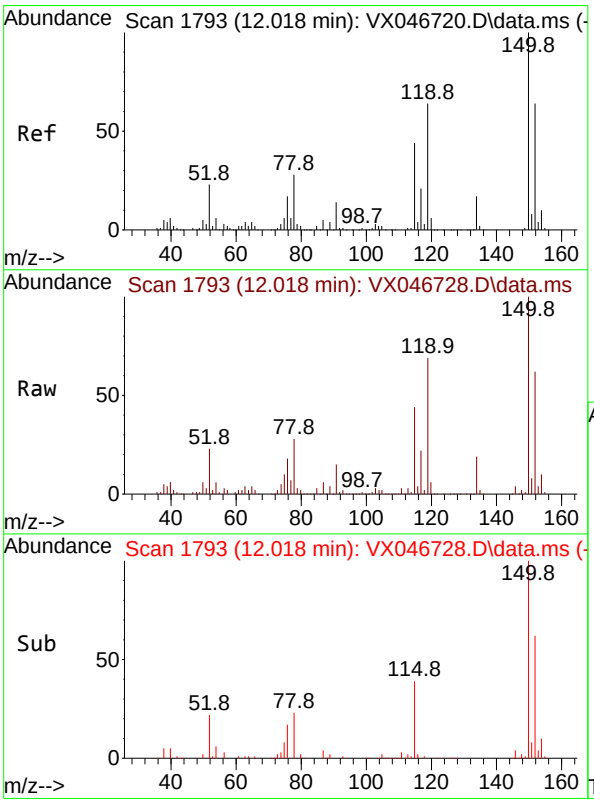
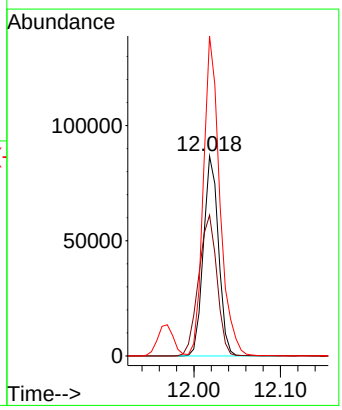
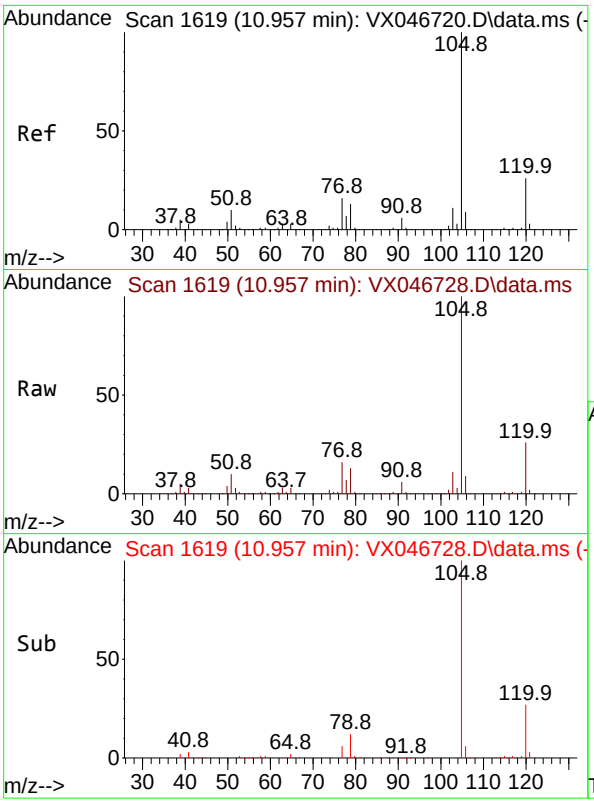


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:152 Resp: 104970

Ion	Ratio	Lower	Upper
152	100		
115	85.7	43.2	129.6
150	173.7	0.0	346.8





#73
Isopropylbenzene
Concen: 49.504 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:105 Resp: 38271

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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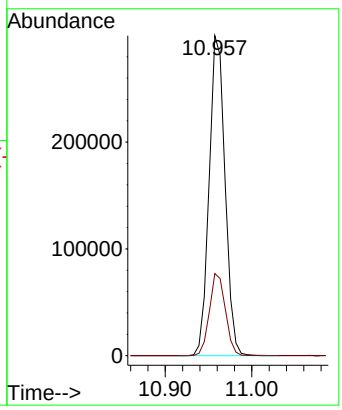
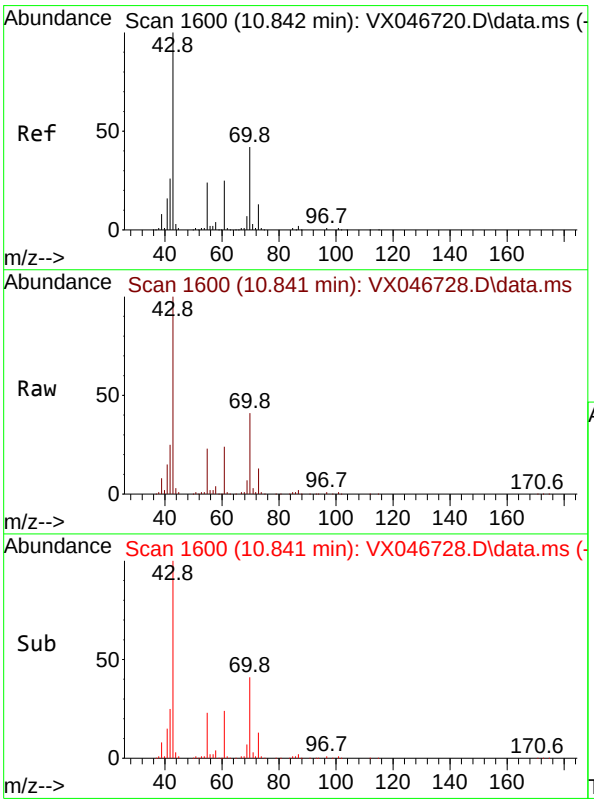
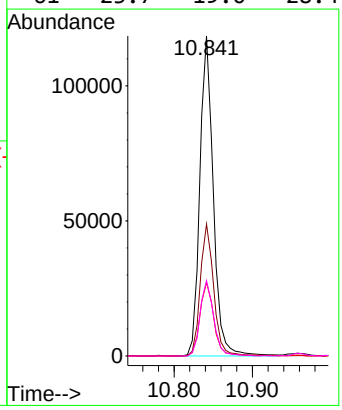


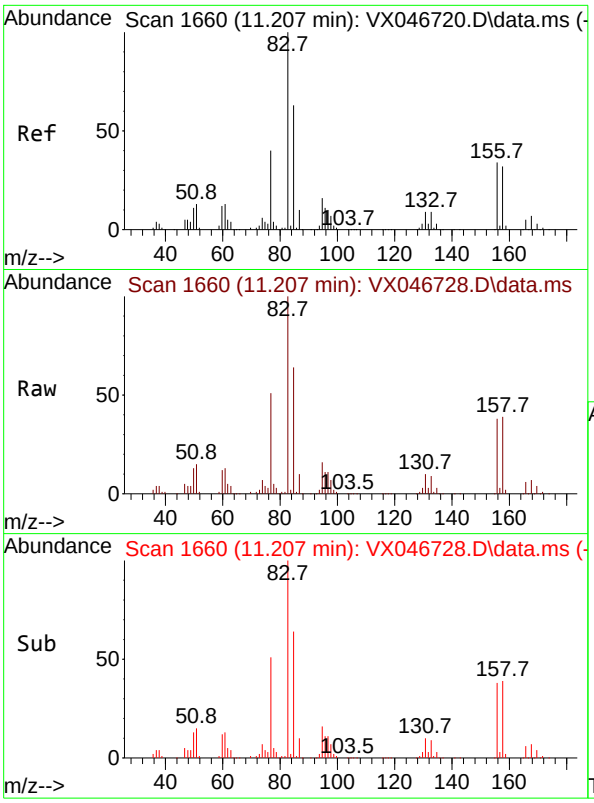


#74
N-amyl acetate
Concen: 48.357 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 43 Resp: 141644

Ion	Ratio	Lower	Upper
43	100		
70	41.0	33.4	50.0
55	23.7	19.1	28.7
61	23.7	19.0	28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 46.876 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 83 Resp: 10119

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	64.5	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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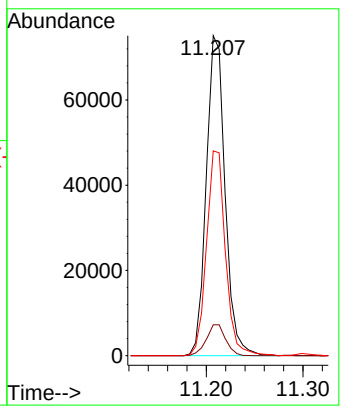
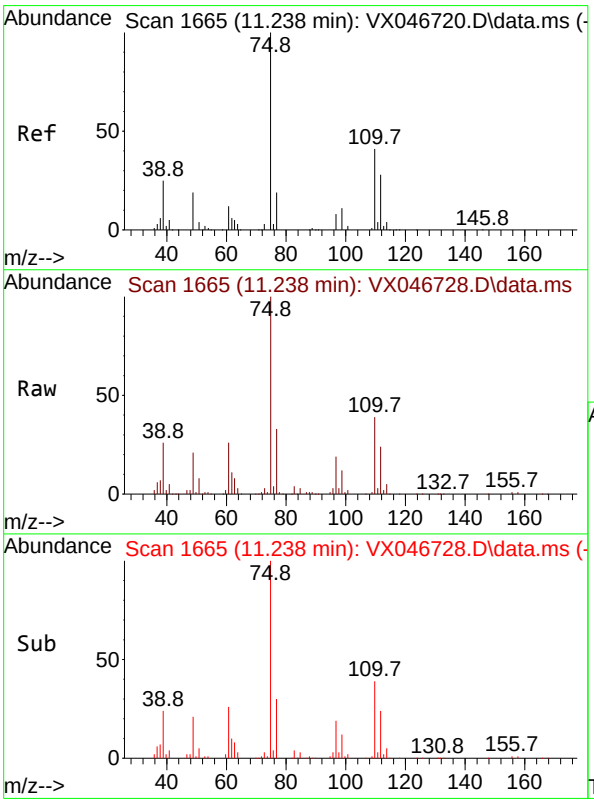
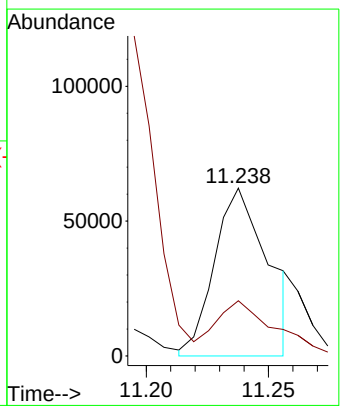


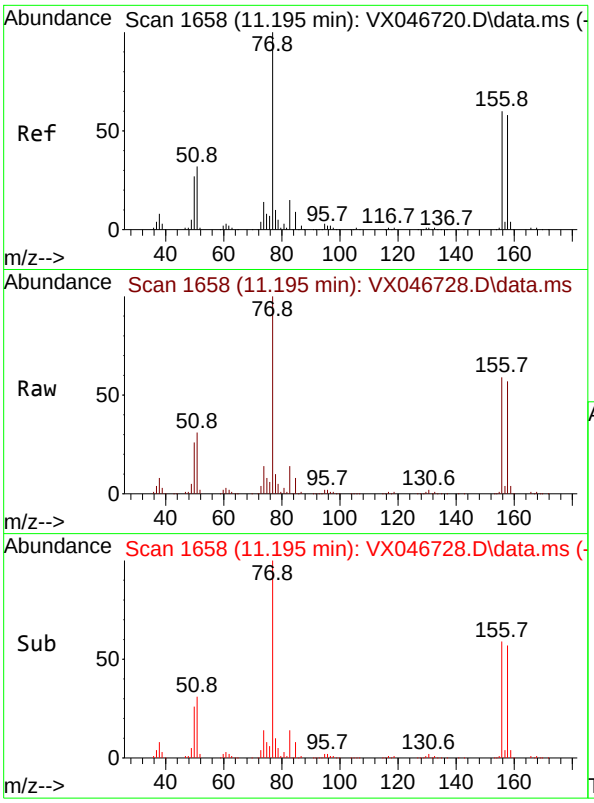


#76
1,2,3-Trichloropropane
Concen: 49.199 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 75 Resp: 94587

Ion	Ratio	Lower	Upper
75	100		
77	36.7	18.5	55.5





#77
Bromobenzene
Concen: 48.728 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:156 Resp: 9065

Ion	Ratio	Lower	Upper
156	100		
77	168.9	82.8	248.6
158	97.8	47.6	142.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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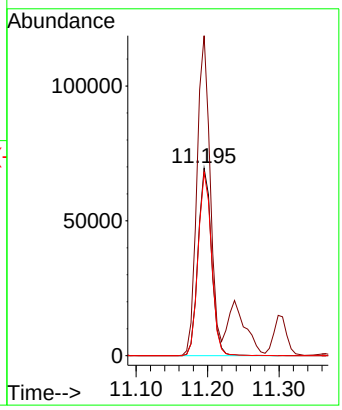
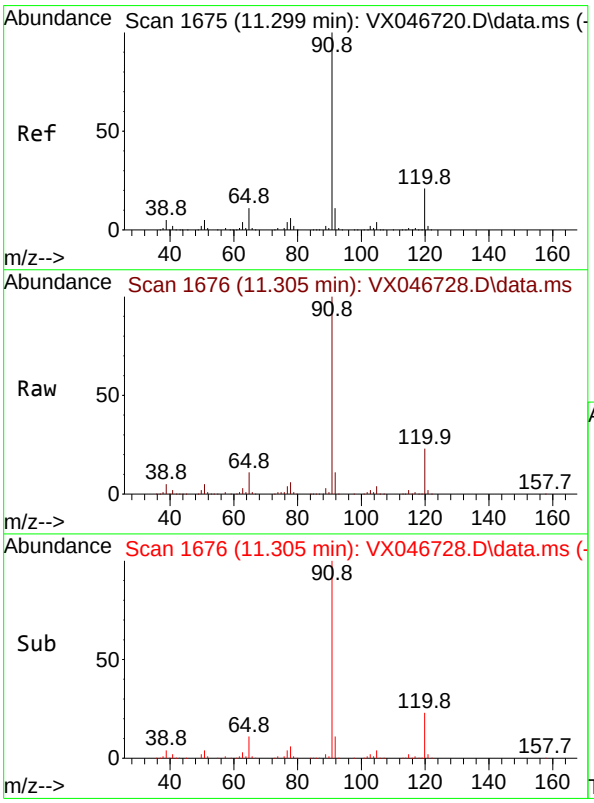
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

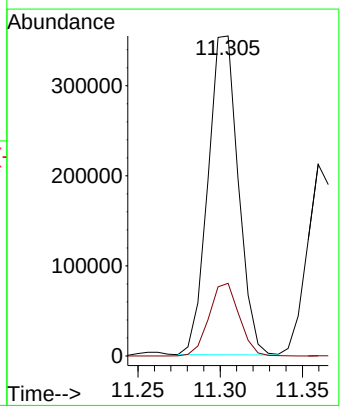


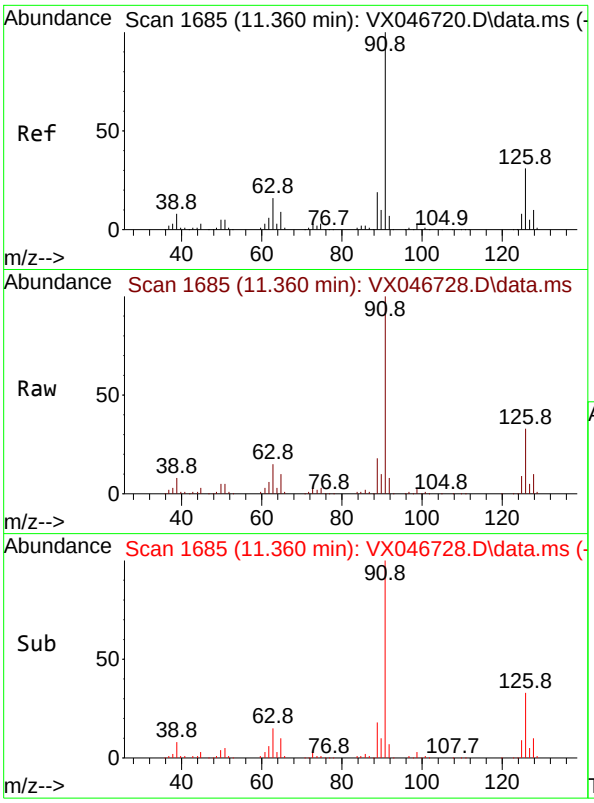


#78
n-propylbenzene
Concen: 49.480 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 91 Resp: 454356

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1





#79
2-Chlorotoluene
Concen: 48.156 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 91 Resp: 26401

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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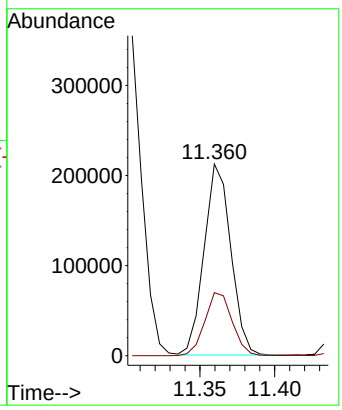
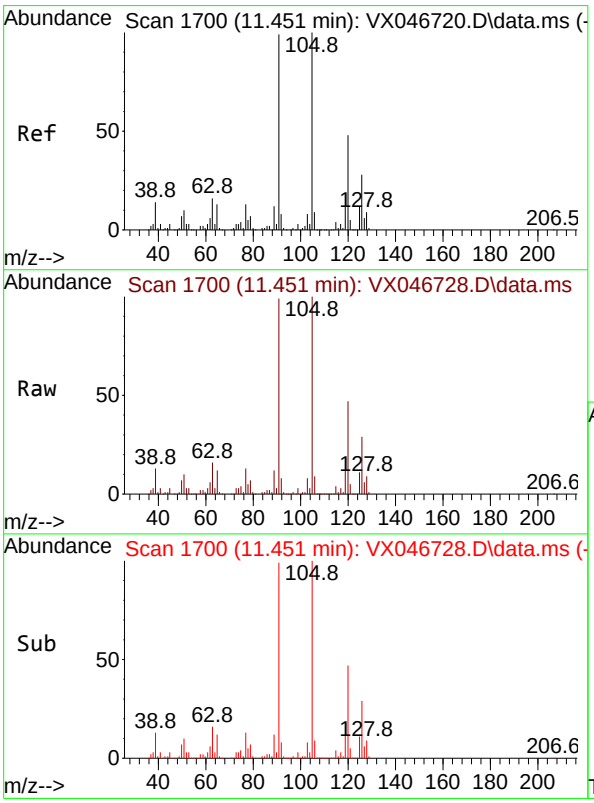
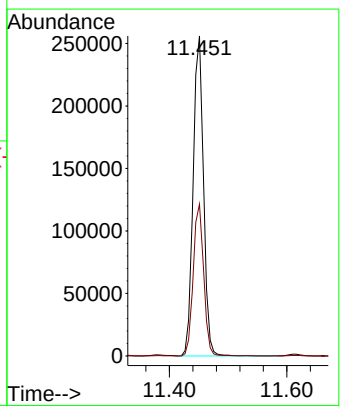


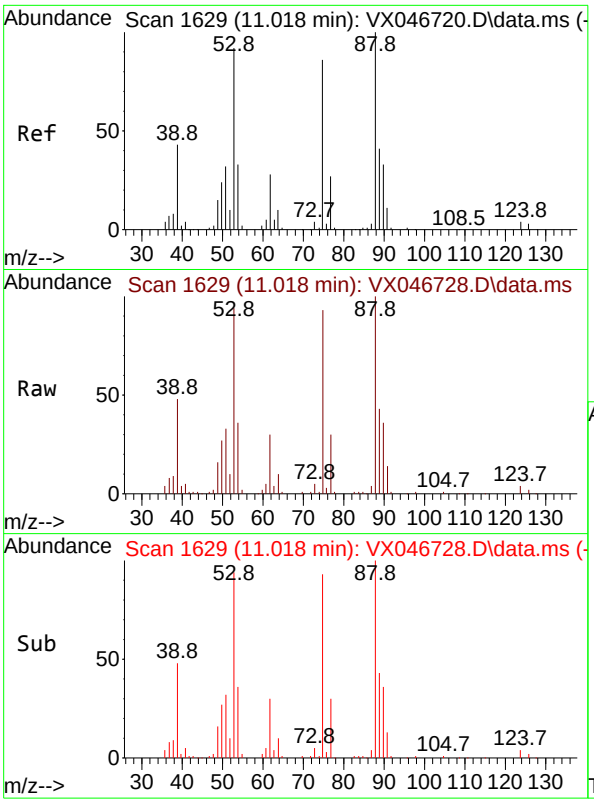


#80
1,3,5-Trimethylbenzene
Concen: 49.373 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:105 Resp: 313670

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 45.899 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 75 Resp: 3121

Ion	Ratio	Lower	Upper
75	100		
53	105.9	86.8	130.2
89	52.0	36.9	55.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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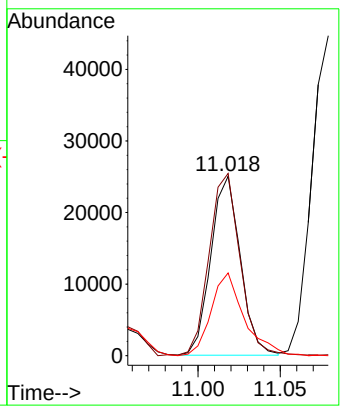
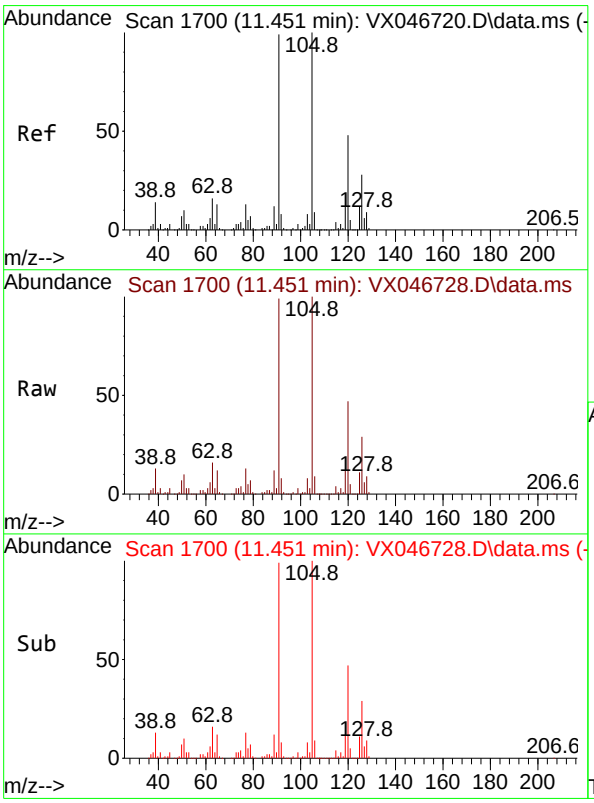
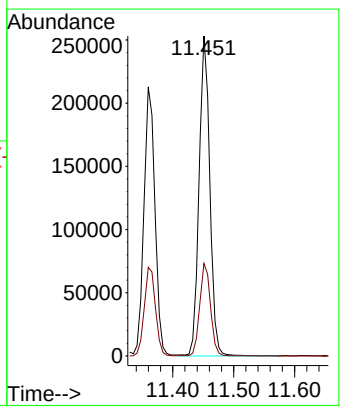


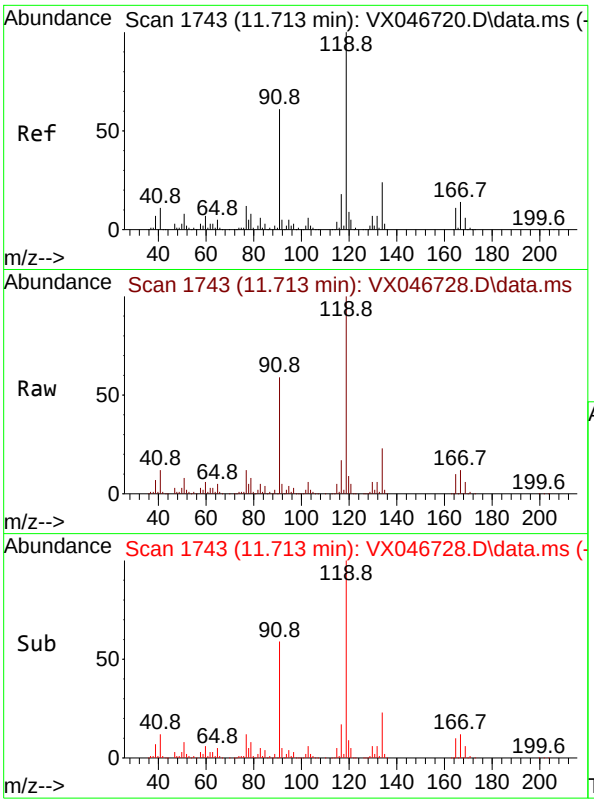


#82
4-Chlorotoluene
Concen: 48.572 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 91 Resp: 310790

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.4	43.2





#83
tert-Butylbenzene
Concen: 48.896 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:119 Resp: 32110

Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.5	88.6
134	23.0	11.7	35.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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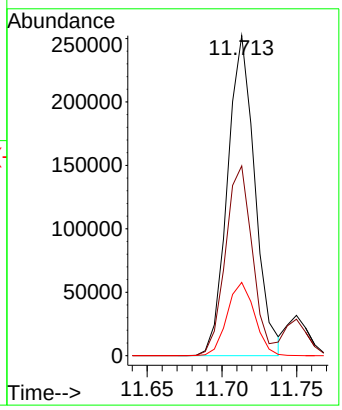
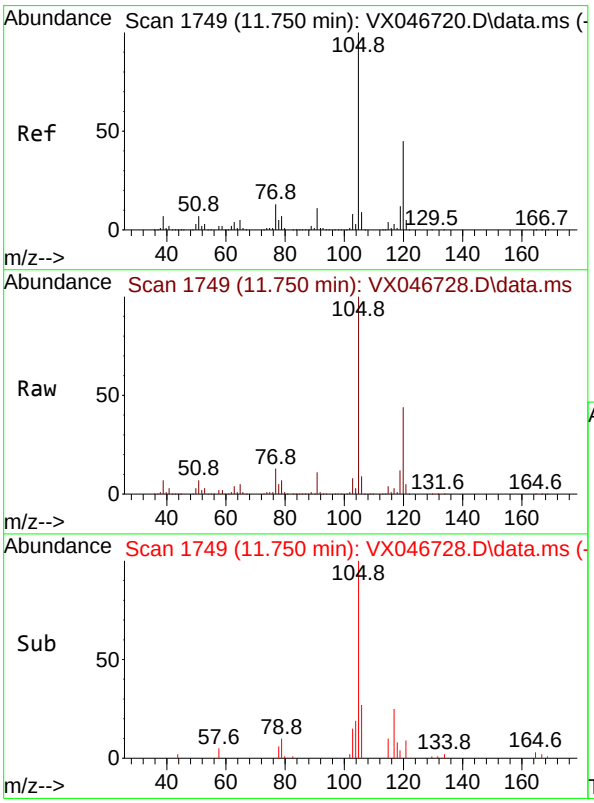
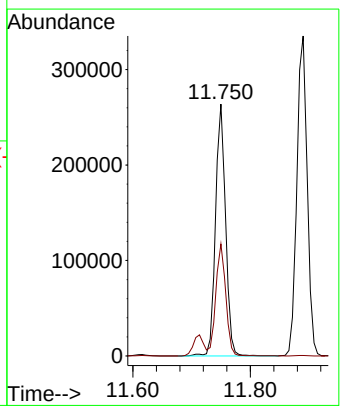


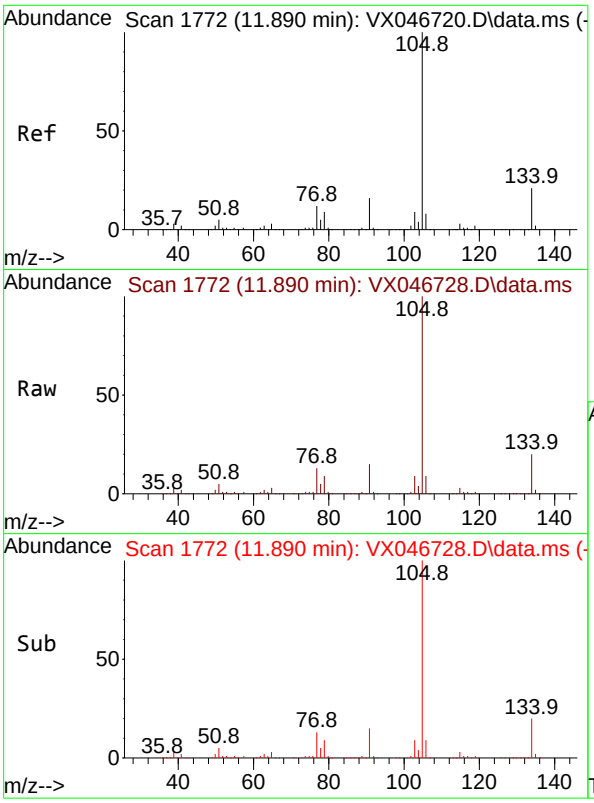


#84
1,2,4-Trimethylbenzene
Concen: 49.164 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:105 Resp: 313812

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.3





#85
sec-Butylbenzene
Concen: 49.388 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:105 Resp: 40990

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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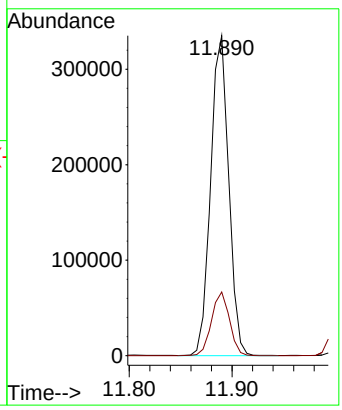
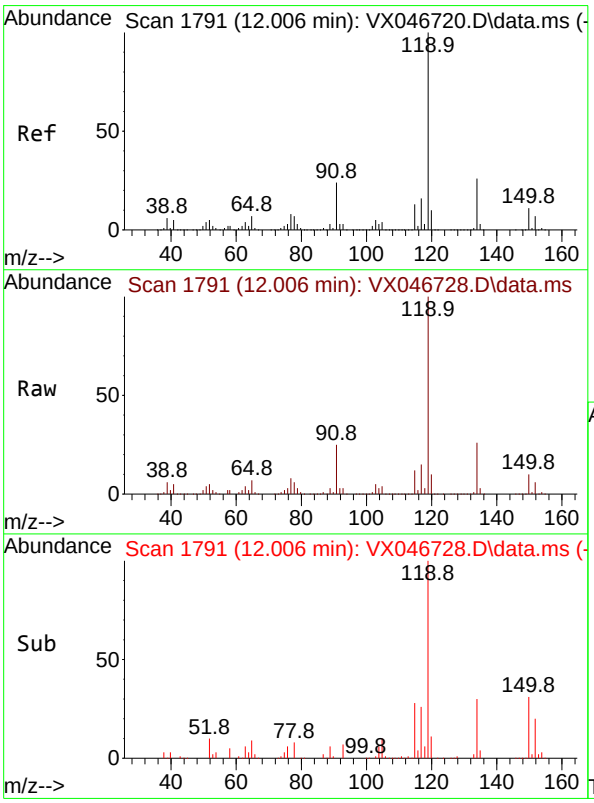
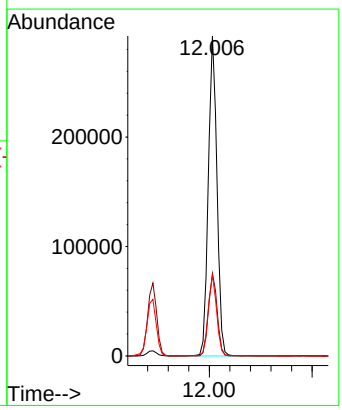


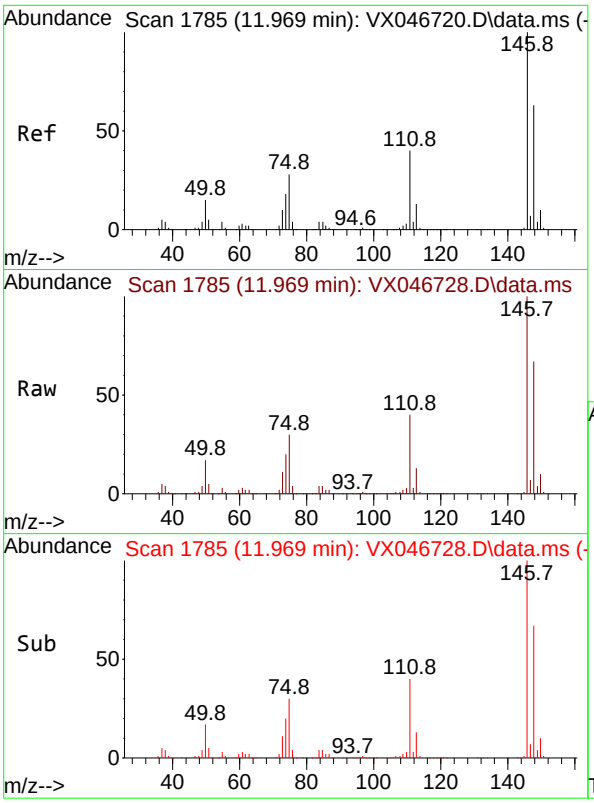


#86
p-Isopropyltoluene
Concen: 48.559 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:119 Resp: 340046

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	25.0	12.3	36.9

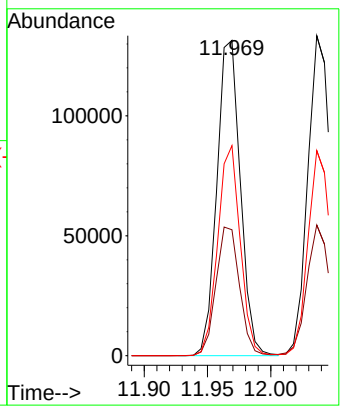




#87
1,3-Dichlorobenzene
Concen: 46.668 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:146 Resp: 16928

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.8
148	64.0	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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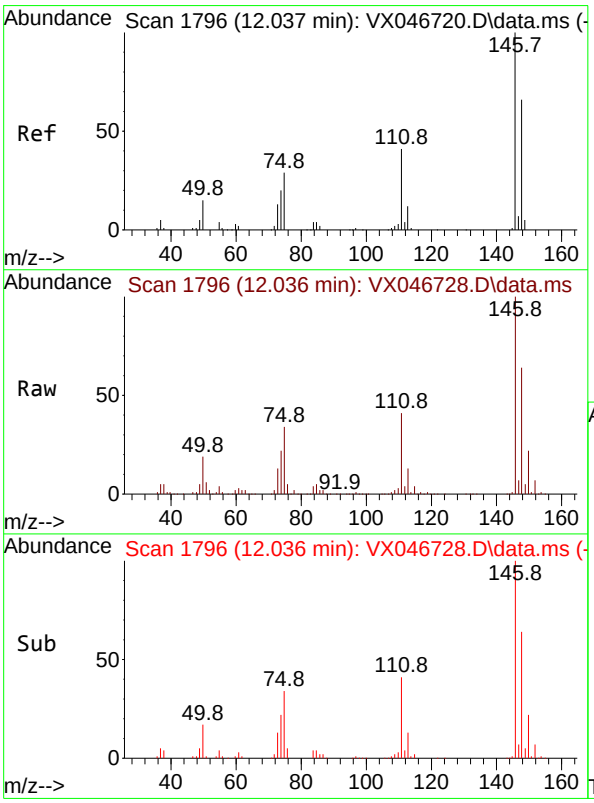
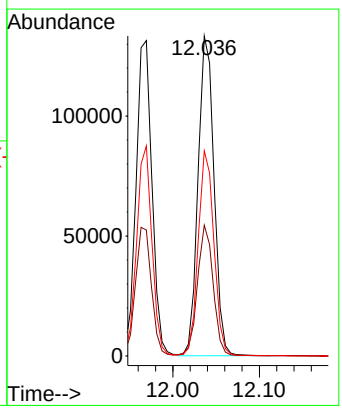
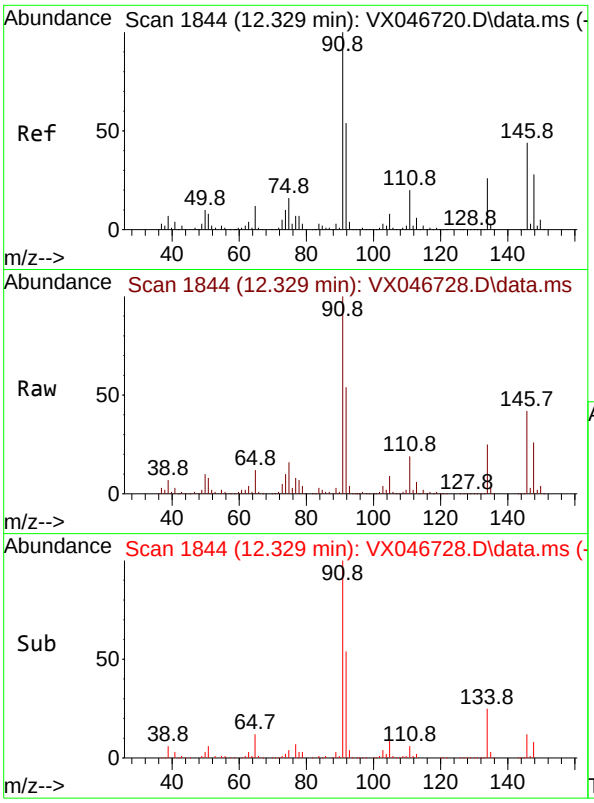


#88
1,4-Dichlorobenzene
Concen: 45.774 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:146 Resp: 170550

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	61.0
148	63.2	32.1	96.5





#89
n-Butylbenzene
Concen: 49.115 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 91 Resp: 32655

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.1	81.3
134	25.7	12.9	38.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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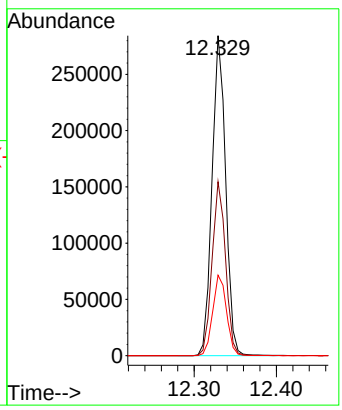
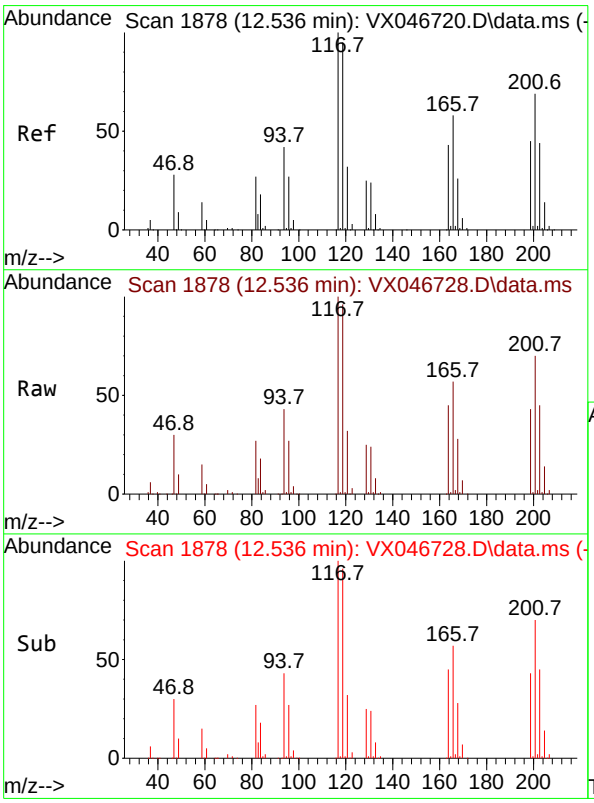
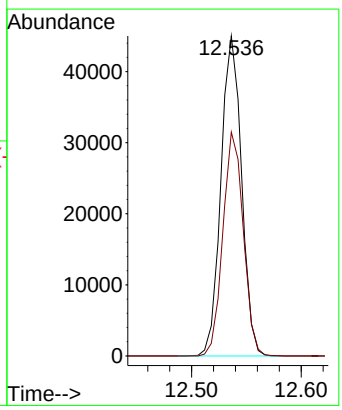


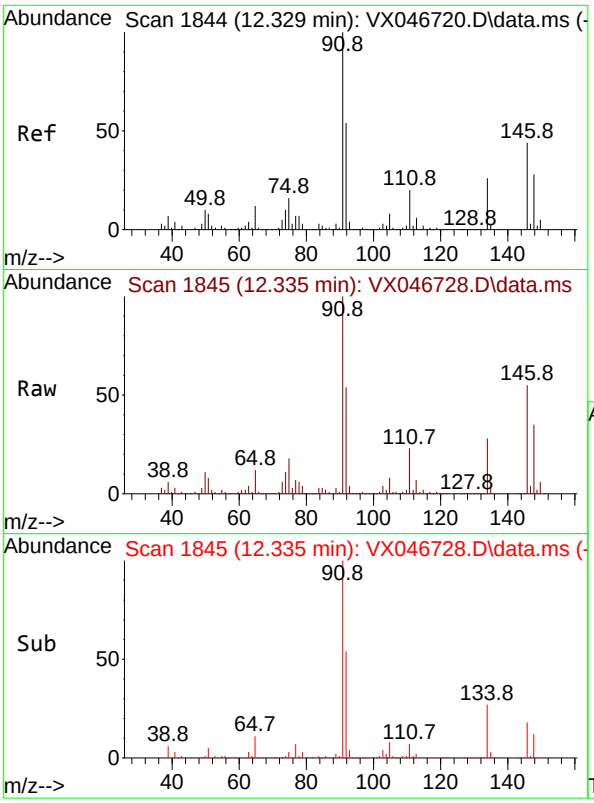


#90
Hexachloroethane
Concen: 47.909 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:117 Resp: 58749

Ion	Ratio	Lower	Upper
117	100		
201	69.3	34.4	103.3

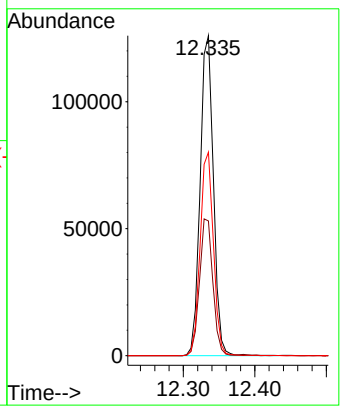




#91
1,2-Dichlorobenzene
Concen: 47.808 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:146 Resp: 16206

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.7	65.1
148	63.8	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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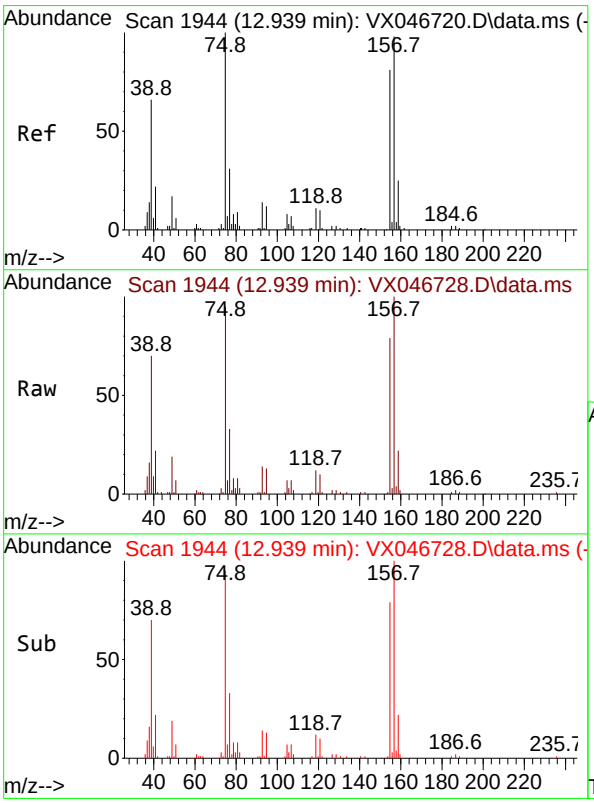
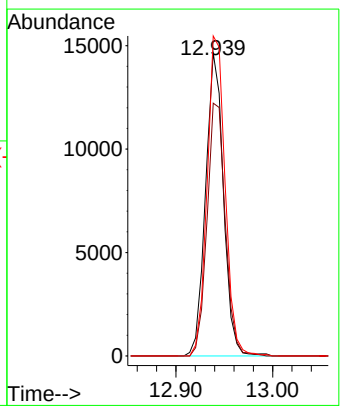
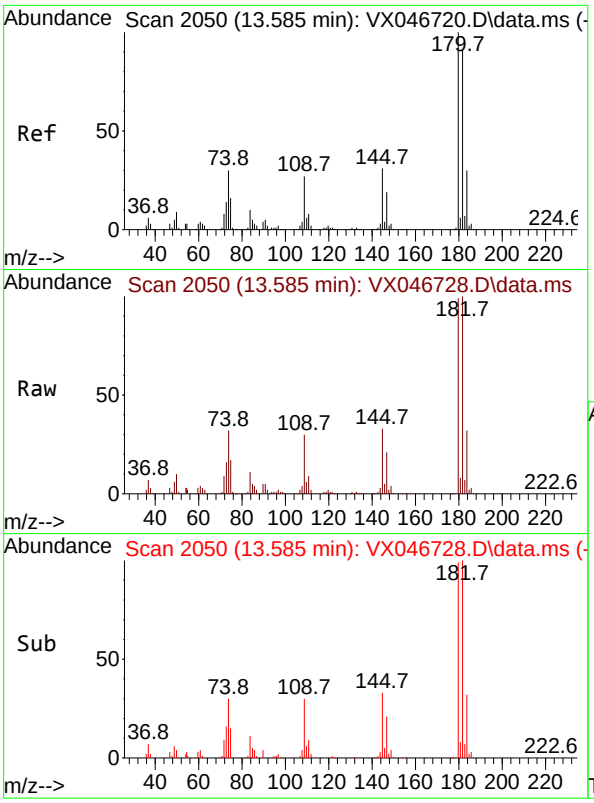


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.240 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 75 Resp: 18854

Ion	Ratio	Lower	Upper
75	100		
155	85.2	41.9	125.7
157	106.7	51.4	154.3

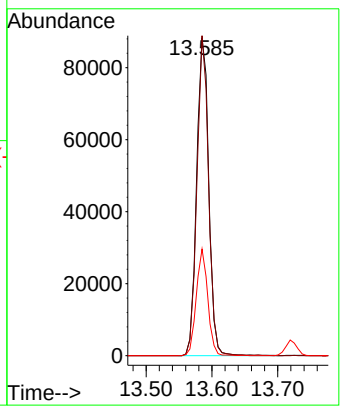




#93
1,2,4-Trichlorobenzene
Concen: 46.839 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:180 Resp: 11287

Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.7	140.1
145	31.8	15.8	47.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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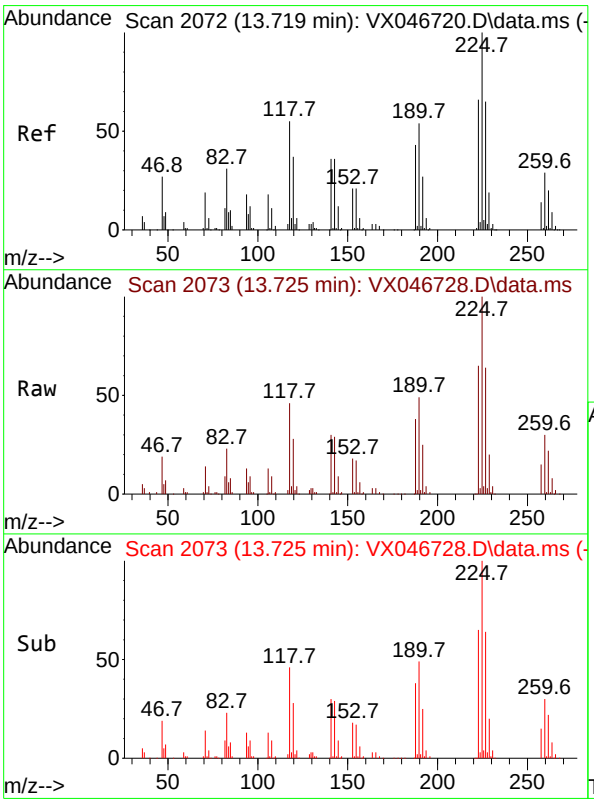
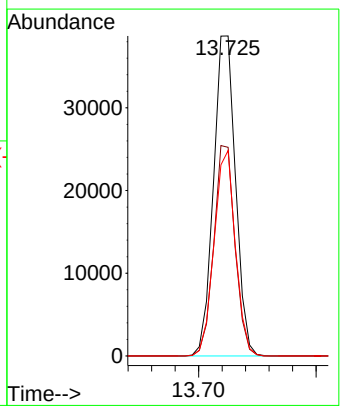
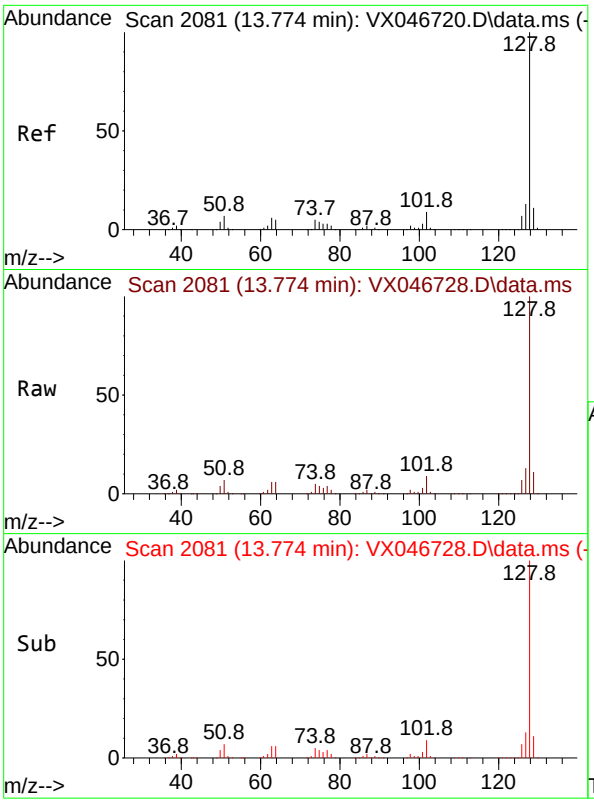


#94
Hexachlorobutadiene
Concen: 49.658 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:225 Resp: 50342

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.5	97.5
227	62.0	32.2	96.6

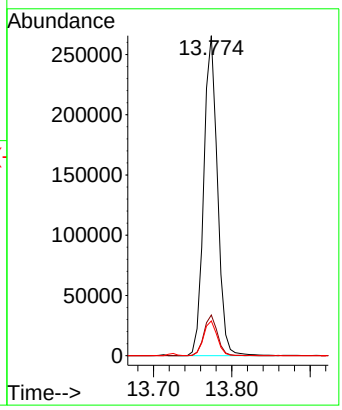




#95
Naphthalene
Concen: 46.852 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:128 Resp: 32168

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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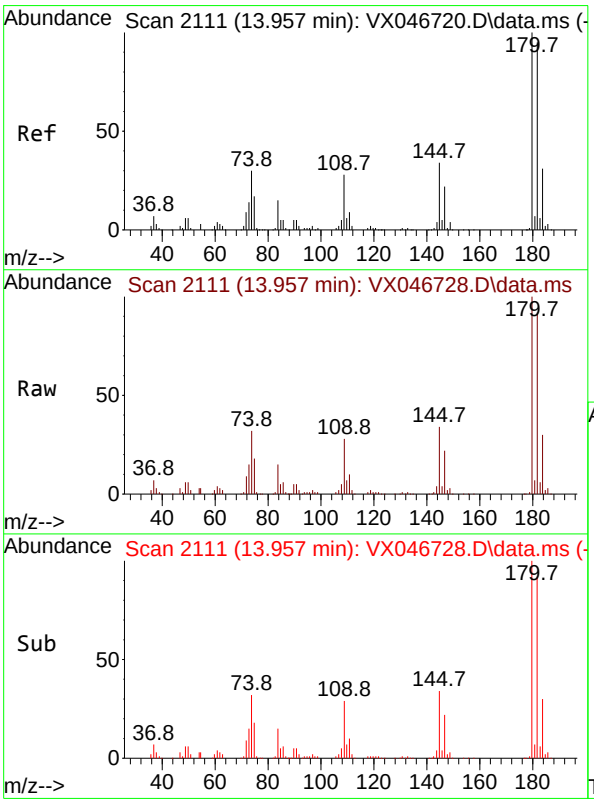
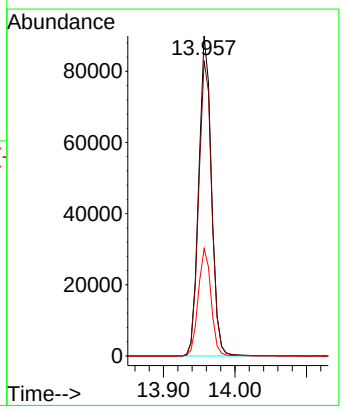
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.981 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:180 Resp: 110625

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.4
145	33.7	17.3	51.9



Sample Results: **VX046728.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	124	0.00
2	T	Dichlorodifluoromethane	0.534	0.573	-7.3	122	0.00
3	P	Chloromethane	0.576	0.583	-1.2	122	0.00
4	C	Vinyl Chloride	0.614	0.631	-2.8#	123	0.00
5	T	Bromomethane	0.346	0.376	-8.7	127	0.00
6	T	Chloroethane	0.372	0.378	-1.6	124	0.00
7	T	Trichlorofluoromethane	0.933	0.941	-0.9	121	0.00
8	T	Diethyl Ether	0.320	0.320	0.0	123	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.572	0.586	-2.4	126	0.00
10	T	Methyl Iodide	0.642	0.653	-1.7	124	0.00
11	T	Tert butyl alcohol	0.062	0.049	21.0	98	0.00
12	CM	1,1-Dichloroethene	0.552	0.558	-1.1#	122	0.00
13	T	Acrolein	0.090	0.089	1.1	126	0.00
14	T	Allyl chloride	1.001	0.972	2.9	121	0.00
15	T	Acrylonitrile	0.279	0.257	7.9	112	0.00
16	T	Acetone	0.231	0.225	2.6	127	0.00
17	T	Carbon Disulfide	1.668	1.541	7.6	120	0.00
18	T	Methyl Acetate	0.586	0.525	10.4	112	0.00
19	T	Methyl tert-butyl Ether	1.720	1.613	6.2	114	0.00
20	T	Methylene Chloride	0.641	0.606	5.5	123	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.568	3.9	120	0.00
22	T	Diisopropyl ether	1.923	1.893	1.6	119	0.00
23	T	Vinyl Acetate	1.529	1.492	2.4	116	0.00
24	P	1,1-Dichloroethane	1.092	1.053	3.6	120	0.00
25	T	2-Butanone	0.326	0.284	12.9	104	0.00
26	T	2,2-Dichloropropane	0.796	0.801	-0.6	131	0.00
27	T	cis-1,2-Dichloroethene	0.694	0.660	4.9	119	0.00
28	T	Bromochloromethane	0.495	0.530	-7.1	136	0.00
29	T	Tetrahydrofuran	0.211	0.185	12.3	106	0.00
30	C	Chloroform	1.092	1.057	3.2#	118	0.00
31	T	Cyclohexane	1.036	0.970	6.4	119	0.00
32	T	1,1,1-Trichloroethane	0.958	0.905	5.5	118	0.00
33	S	1,2-Dichloroethane-d4	0.692	0.676	2.3	129	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	121	0.00
35	S	Dibromofluoromethane	0.331	0.340	-2.7	128	0.00
36	T	1,1-Dichloropropene	0.478	0.461	3.6	117	0.00
37	T	Ethyl Acetate	0.441	0.389	11.8	109	0.00
38	T	Carbon Tetrachloride	0.518	0.493	4.8	116	0.00
39	T	Methylcyclohexane	0.628	0.608	3.2	117	0.00
40	TM	Benzene	1.413	1.368	3.2	117	0.00
41	T	Methacrylonitrile	0.235	0.231	1.7	117	0.00
42	TM	1,2-Dichloroethane	0.497	0.472	5.0	115	0.00
43	T	Isopropyl Acetate	0.690	0.637	7.7	108	0.00
44	TM	Trichloroethene	0.360	0.347	3.6	118	0.00
45	C	1,2-Dichloropropane	0.350	0.339	3.1#	118	0.00
46	T	Dibromomethane	0.252	0.239	5.2	115	0.00
47	T	Bromodichloromethane	0.514	0.499	2.9	116	0.00
48	T	Methyl methacrylate	0.346	0.327	5.5	107	0.00

Sample Results: **VX046728.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	102	0.00
50	S	Toluene-d8	1.189	1.202	-1.1	127	0.00
51	T	4-Methyl-2-Pentanone	0.411	0.374	9.0	106	0.00
52	CM	Toluene	0.876	0.844	3.7#	115	0.00
53	T	t-1,3-Dichloropropene	0.477	0.472	1.0	117	0.00
54	T	cis-1,3-Dichloropropene	0.541	0.535	1.1	118	0.00
55	T	1,1,2-Trichloroethane	0.327	0.309	5.5	115	0.00
56	T	Ethyl methacrylate	0.482	0.457	5.2	109	0.00
57	T	1,3-Dichloropropane	0.562	0.521	7.3	112	0.00
58	T	2-Chloroethyl Vinyl ether	0.250	0.258	-3.2	111	0.00
59	T	2-Hexanone	0.284	0.256	9.9	104	0.00
60	T	Dibromochloromethane	0.385	0.367	4.7	114	0.00
61	T	1,2-Dibromoethane	0.332	0.316	4.8	114	0.00
62	S	4-Bromofluorobenzene	0.443	0.443	0.0	126	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	121	0.00
64	T	Tetrachloroethene	0.346	0.324	6.4	115	0.00
65	PM	Chlorobenzene	1.104	1.038	6.0	115	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.355	4.3	115	0.00
67	C	Ethyl Benzene	1.929	1.848	4.2#	116	0.00
68	T	m/p-Xylenes	0.719	0.689	4.2	115	0.00
69	T	o-Xylene	0.673	0.658	2.2	115	0.00
70	T	Styrene	1.179	1.139	3.4	114	0.00
71	P	Bromoform	0.282	0.268	5.0	113	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	118	0.00
73	T	Isopropylbenzene	3.682	3.646	1.0	115	0.00
74	T	N-amyl acetate	1.395	1.349	3.3	108	0.00
75	P	1,1,2,2-Tetrachloroethane	1.028	0.964	6.2	109	0.00
76	T	1,2,3-Trichloropropane	0.916	0.901	1.6	107	0.00
77	T	Bromobenzene	0.886	0.864	2.5	114	0.00
78	T	n-propylbenzene	4.374	4.328	1.1	115	0.00
79	T	2-Chlorotoluene	2.611	2.515	3.7	115	0.00
80	T	1,3,5-Trimethylbenzene	3.026	2.988	1.3	115	0.00
81	T	trans-1,4-Dichloro-2-butene	0.324	0.297	8.3	113	0.00
82	T	4-Chlorotoluene	3.048	2.961	2.9	115	0.00
83	T	tert-Butylbenzene	3.128	3.059	2.2	116	0.00
84	T	1,2,4-Trimethylbenzene	3.040	2.990	1.6	115	0.00
85	T	sec-Butylbenzene	3.953	3.905	1.2	115	0.00
86	T	p-Isopropyltoluene	3.336	3.239	2.9	114	0.00
87	T	1,3-Dichlorobenzene	1.728	1.613	6.7	113	0.00
88	T	1,4-Dichlorobenzene	1.775	1.625	8.5	116	0.00
89	T	n-Butylbenzene	3.167	3.111	1.8	116	0.00
90	T	Hexachloroethane	0.584	0.560	4.1	113	0.00
91	T	1,2-Dichlorobenzene	1.615	1.544	4.4	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.203	0.180	11.3	101	0.00
93	T	1,2,4-Trichlorobenzene	1.148	1.075	6.4	112	0.00
94	T	Hexachlorobutadiene	0.483	0.480	0.6	118	0.00
95	T	Naphthalene	3.270	3.065	6.3	108	0.00

Sample Results: **VX046728.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	1.098	1.054	4.0	115	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX046728.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	124	0.00
2	T	Dichlorodifluoromethane	50.000	53.715	-7.4	122	0.00
3	P	Chloromethane	50.000	50.600	-1.2	122	0.00
4	C	Vinyl Chloride	50.000	51.321	-2.6#	123	0.00
5	T	Bromomethane	50.000	54.442	-8.9	127	0.00
6	T	Chloroethane	50.000	50.722	-1.4	124	0.00
7	T	Trichlorofluoromethane	50.000	50.427	-0.9	121	0.00
8	T	Diethyl Ether	50.000	49.967	0.1	123	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.165	-2.3	126	0.00
10	T	Methyl Iodide	50.000	45.950	8.1	124	0.00
11	T	Tert butyl alcohol	250.000	197.513	21.0	98	0.00
12	CM	1,1-Dichloroethene	50.000	50.530	-1.1#	122	0.00
13	T	Acrolein	250.000	244.874	2.1	126	0.00
14	T	Allyl chloride	50.000	48.559	2.9	121	0.00
15	T	Acrylonitrile	250.000	230.626	7.7	112	0.00
16	T	Acetone	250.000	244.395	2.2	127	0.00
17	T	Carbon Disulfide	50.000	46.207	7.6	120	0.00
18	T	Methyl Acetate	50.000	44.781	10.4	112	0.00
19	T	Methyl tert-butyl Ether	50.000	46.907	6.2	114	0.00
20	T	Methylene Chloride	50.000	47.205	5.6	123	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.093	3.8	120	0.00
22	T	Diisopropyl ether	50.000	49.215	1.6	119	0.00
23	T	Vinyl Acetate	250.000	243.835	2.5	116	0.00
24	P	1,1-Dichloroethane	50.000	48.236	3.5	120	0.00
25	T	2-Butanone	250.000	217.827	12.9	104	0.00
26	T	2,2-Dichloropropane	50.000	50.275	-0.5	131	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.512	5.0	119	0.00
28	T	Bromochloromethane	50.000	53.494	-7.0	136	0.00
29	T	Tetrahydrofuran	250.000	219.377	12.2	106	0.00
30	C	Chloroform	50.000	48.377	3.2#	118	0.00
31	T	Cyclohexane	50.000	46.830	6.3	119	0.00
32	T	1,1,1-Trichloroethane	50.000	47.262	5.5	118	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.871	2.3	129	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	121	0.00
35	S	Dibromofluoromethane	50.000	51.320	-2.6	128	0.00
36	T	1,1-Dichloropropene	50.000	48.312	3.4	117	0.00
37	T	Ethyl Acetate	50.000	44.108	11.8	109	0.00
38	T	Carbon Tetrachloride	50.000	47.537	4.9	116	0.00
39	T	Methylcyclohexane	50.000	48.402	3.2	117	0.00
40	TM	Benzene	50.000	48.414	3.2	117	0.00
41	T	Methacrylonitrile	50.000	49.115	1.8	117	0.00
42	TM	1,2-Dichloroethane	50.000	47.481	5.0	115	0.00
43	T	Isopropyl Acetate	50.000	46.196	7.6	108	0.00
44	TM	Trichloroethene	50.000	48.105	3.8	118	0.00
45	C	1,2-Dichloropropane	50.000	48.335	3.3#	118	0.00
46	T	Dibromomethane	50.000	47.472	5.1	115	0.00
47	T	Bromodichloromethane	50.000	48.587	2.8	116	0.00
48	T	Methyl methacrylate	50.000	47.322	5.4	107	0.00

Sample Results: **VX046728.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	817.840	18.2	102	0.00
50	S	Toluene-d8	50.000	50.561	-1.1	127	0.00
51	T	4-Methyl-2-Pentanone	250.000	227.118	9.2	106	0.00
52	CM	Toluene	50.000	48.176	3.6#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	49.516	1.0	117	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.396	1.2	118	0.00
55	T	1,1,2-Trichloroethane	50.000	47.325	5.3	115	0.00
56	T	Ethyl methacrylate	50.000	47.362	5.3	109	0.00
57	T	1,3-Dichloropropane	50.000	46.323	7.4	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	257.912	-3.2	111	0.00
59	T	2-Hexanone	250.000	224.819	10.1	104	0.00
60	T	Dibromochloromethane	50.000	47.662	4.7	114	0.00
61	T	1,2-Dibromoethane	50.000	47.518	5.0	114	0.00
62	S	4-Bromofluorobenzene	50.000	49.942	0.1	126	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	121	0.00
64	T	Tetrachloroethene	50.000	46.765	6.5	115	0.00
65	PM	Chlorobenzene	50.000	47.007	6.0	115	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.803	4.4	115	0.00
67	C	Ethyl Benzene	50.000	47.920	4.2#	116	0.00
68	T	m/p-Xylenes	100.000	95.905	4.1	115	0.00
69	T	o-Xylene	50.000	48.886	2.2	115	0.00
70	T	Styrene	50.000	48.325	3.3	114	0.00
71	P	Bromoform	50.000	47.441	5.1	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	118	0.00
73	T	Isopropylbenzene	50.000	49.504	1.0	115	0.00
74	T	N-amyl acetate	50.000	48.357	3.3	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.876	6.2	109	0.00
76	T	1,2,3-Trichloropropane	50.000	49.199	1.6	107	0.00
77	T	Bromobenzene	50.000	48.728	2.5	114	0.00
78	T	n-propylbenzene	50.000	49.480	1.0	115	0.00
79	T	2-Chlorotoluene	50.000	48.156	3.7	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.373	1.3	115	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.899	8.2	113	0.00
82	T	4-Chlorotoluene	50.000	48.572	2.9	115	0.00
83	T	tert-Butylbenzene	50.000	48.896	2.2	116	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.164	1.7	115	0.00
85	T	sec-Butylbenzene	50.000	49.388	1.2	115	0.00
86	T	p-Isopropyltoluene	50.000	48.559	2.9	114	0.00
87	T	1,3-Dichlorobenzene	50.000	46.668	6.7	113	0.00
88	T	1,4-Dichlorobenzene	50.000	45.774	8.5	116	0.00
89	T	n-Butylbenzene	50.000	49.115	1.8	116	0.00
90	T	Hexachloroethane	50.000	47.909	4.2	113	0.00
91	T	1,2-Dichlorobenzene	50.000	47.808	4.4	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.240	11.5	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.839	6.3	112	0.00
94	T	Hexachlorobutadiene	50.000	49.658	0.7	118	0.00
95	T	Naphthalene	50.000	46.852	6.3	108	0.00

Sample Results: **VX046728.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	47.981	4.0	115	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX046756.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: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG No.: Q2345

Instrument ID: MSVOA_X Calibration Date/Time: 06/18/2025 20:01

Lab File ID: VX046756.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.534	0.495		-7.3	50
Chloromethane	0.576	0.545	0.1	-5.38	50
Vinyl Chloride	0.614	0.577		-6.03	50
Bromomethane	0.346	0.354		2.31	50
Chloroethane	0.372	0.348		-6.45	50
Trichlorofluoromethane	0.933	0.862		-7.61	50
1,1,2-Trichlorotrifluoroethane	0.572	0.515		-9.97	50
1,1-Dichloroethene	0.552	0.517		-6.34	50
Acetone	0.231	0.176		-23.81	50
Carbon Disulfide	1.668	1.433		-14.09	50
Methyl tert-butyl Ether	1.720	1.510		-12.21	50
Methyl Acetate	0.586	0.539		-8.02	50
Methylene Chloride	0.641	0.573		-10.61	50
trans-1,2-Dichloroethene	0.591	0.539		-8.8	50
1,1-Dichloroethane	1.092	1.005	0.1	-7.97	50
Cyclohexane	1.036	0.922		-11	50
2-Butanone	0.326	0.268		-17.79	50
Carbon Tetrachloride	0.518	0.455		-12.16	50
cis-1,2-Dichloroethene	0.694	0.632		-8.93	50
Bromochloromethane	0.495	0.505		2.02	50
Chloroform	1.092	1.017		-6.87	50
1,1,1-Trichloroethane	0.958	0.867		-9.5	50
Methylcyclohexane	0.628	0.546		-13.06	50
Benzene	1.413	1.295		-8.35	50
1,2-Dichloroethane	0.497	0.448		-9.86	50
Trichloroethene	0.360	0.325		-9.72	50
1,2-Dichloropropane	0.350	0.321		-8.29	50
Bromodichloromethane	0.514	0.475		-7.59	50
4-Methyl-2-Pentanone	0.411	0.348		-15.33	50
Toluene	0.876	0.801		-8.56	50
t-1,3-Dichloropropene	0.477	0.432		-9.43	50
cis-1,3-Dichloropropene	0.541	0.489		-9.61	50
1,1,2-Trichloroethane	0.327	0.294		-10.09	50
2-Hexanone	0.284	0.237		-16.55	50
Dibromochloromethane	0.385	0.345		-10.39	50
1,2-Dibromoethane	0.332	0.302		-9.04	50
Tetrachloroethene	0.346	0.299		-13.58	50
Chlorobenzene	1.104	0.976	0.3	-11.59	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: **VX046756.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: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG No.: Q2345

Instrument ID: MSVOA_X Calibration Date/Time: 06/18/2025 20:01

Lab File ID: VX046756.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.929	1.726		-10.52	50
m/p-Xylenes	0.719	0.649		-9.74	50
o-Xylene	0.673	0.627		-6.84	50
Styrene	1.179	1.077		-8.65	50
Bromoform	0.282	0.247	0.1	-12.41	50
Isopropylbenzene	3.682	3.343		-9.21	50
1,1,2,2-Tetrachloroethane	1.028	0.894	0.3	-13.03	50
1,3-Dichlorobenzene	1.728	1.510		-12.62	50
1,4-Dichlorobenzene	1.775	1.497		-15.66	50
1,2-Dichlorobenzene	1.615	1.425		-11.77	50
1,2-Dibromo-3-Chloropropane	0.203	0.162		-20.2	50
1,2,4-Trichlorobenzene	1.148	1.012		-11.85	50
1,2,3-Trichlorobenzene	1.098	0.970		-11.66	50
1,2-Dichloroethane-d4	0.692	0.697		0.72	50
Dibromofluoromethane	0.331	0.344		3.93	50
Toluene-d8	1.189	1.233		3.7	50
4-Bromofluorobenzene	0.443	0.468		5.64	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Sample Results: **VX046756.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	147171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102581	50.393	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.780%			
35) Dibromofluoromethane	5.397	113	84461	52.036	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	8.653	98	302526	51.878	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.760%			
62) 4-Bromofluorobenzene	11.079	95	114717	52.773	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	72915	46.406	ug/l	100
3) Chloromethane	1.307	50	80256	47.322	ug/l	99
4) Vinyl Chloride	1.386	62	84851	46.917	ug/l	95
5) Bromomethane	1.624	94	52119	51.222	ug/l	94
6) Chloroethane	1.703	64	51222	46.730	ug/l	96
7) Trichlorofluoromethane	1.904	101	126840	46.190	ug/l	99
8) Diethyl Ether	2.148	74	44591	47.316	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	75822	45.008	ug/l	98
10) Methyl Iodide	2.471	142	93925	45.013	ug/l	99
11) Tert butyl alcohol	2.959	59	31066	170.030	ug/l	99
12) 1,1-Dichloroethene	2.337	96	76120	46.826	ug/l	97
13) Acrolein	2.245	56	44323	166.547	ug/l	99
14) Allyl chloride	2.678	41	132100	44.851	ug/l	98
15) Acrylonitrile	3.068	53	175968	214.185	ug/l	99
16) Acetone	2.386	43	129697	191.058	ug/l	100
17) Carbon Disulfide	2.526	76	210930	42.969	ug/l	98
18) Methyl Acetate	2.715	43	79308	45.999	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	222251	43.909	ug/l	99
20) Methylene Chloride	2.806	84	84354	44.683	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	79262	45.569	ug/l	99
22) Diisopropyl ether	3.770	45	267893	47.321	ug/l	99
23) Vinyl Acetate	3.733	43	1024877	227.659	ug/l	100
24) 1,1-Dichloroethane	3.623	63	147938	46.026	ug/l	99
25) 2-Butanone	4.562	43	197094	205.290	ug/l	96
26) 2,2-Dichloropropane	4.489	77	92807	39.588	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	93038	45.529	ug/l	98
28) Bromochloromethane	4.910	49	74387	51.048	ug/l	100
29) Tetrahydrofuran	5.013	42	127418	205.472	ug/l	99
30) Chloroform	5.105	83	149634	46.550	ug/l	97
31) Cyclohexane	5.483	56	135676	44.511	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	127606	45.264	ug/l	99
36) 1,1-Dichloropropene	5.702	75	104633	44.657	ug/l	99
37) Ethyl Acetate	4.727	43	84355	39.004	ug/l	96
38) Carbon Tetrachloride	5.690	117	111681	43.921	ug/l	96
39) Methylcyclohexane	7.385	83	134029	43.470	ug/l	98
40) Benzene	6.050	78	317609	45.803	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	52937	45.912	ug/l		94
42) 1,2-Dichloroethane	6.098	62	109861	45.085	ug/l		98
43) Isopropyl Acetate	6.342	43	145231	42.913	ug/l		100
44) Trichloroethene	7.135	130	79747	45.127	ug/l		98
45) 1,2-Dichloropropane	7.434	63	78681	45.784	ug/l		96
46) Dibromomethane	7.586	93	54751	44.330	ug/l		99
47) Bromodichloromethane	7.824	83	116648	46.281	ug/l		98
48) Methyl methacrylate	7.696	41	76410	45.018	ug/l		99
49) 1,4-Dioxane	7.659	88	17317	709.769	ug/l		94
51) 4-Methyl-2-Pentanone	8.574	43	426571	211.334	ug/l		100
52) Toluene	8.720	92	196480	45.706	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	105920	45.294	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	120007	45.205	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	72014	44.953	ug/l		98
56) Ethyl methacrylate	9.116	69	107478	45.449	ug/l		100
57) 1,3-Dichloropropane	9.305	76	124482	45.123	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	301235	245.221	ug/l		99
59) 2-Hexanone	9.427	43	291231	208.701	ug/l		100
60) Dibromochloromethane	9.519	129	84597	44.810	ug/l		99
61) 1,2-Dibromoethane	9.610	107	74132	45.493	ug/l		99
64) Tetrachloroethene	9.275	164	65730	43.220	ug/l		97
65) Chlorobenzene	10.079	112	214231	44.211	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	72969	44.807	ug/l		99
67) Ethyl Benzene	10.195	91	378885	44.751	ug/l		99
68) m/p-Xylenes	10.299	106	284969	90.331	ug/l		99
69) o-Xylene	10.640	106	137712	46.579	ug/l		96
70) Styrene	10.652	104	236334	45.677	ug/l		99
71) Bromoform	10.799	173	54246	43.738	ug/l	#	99
73) Isopropylbenzene	10.963	105	364363	45.390	ug/l		100
74) N-amyl acetate	10.841	43	130567	42.930	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	97413	43.460	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	89781m	44.975	ug/l		
77) Bromobenzene	11.195	156	86736	44.901	ug/l		98
78) n-propylbenzene	11.305	91	433663	45.483	ug/l		99
79) 2-Chlorotoluene	11.360	91	250652	44.031	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	298840	45.302	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	28199	39.929	ug/l		97
82) 4-Chlorotoluene	11.451	91	294514	44.330	ug/l		99
83) tert-Butylbenzene	11.713	119	301413	44.204	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	299612	45.207	ug/l		99
85) sec-Butylbenzene	11.890	105	386175	44.812	ug/l		99
86) p-Isopropyltoluene	12.006	119	320650	44.100	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	164581	43.697	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	163149	42.172	ug/l		100
89) n-Butylbenzene	12.329	91	304915	44.167	ug/l		100
90) Hexachloroethane	12.536	117	55261	43.401	ug/l		97
91) 1,2-Dichlorobenzene	12.329	146	155261	44.112	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17688	39.972	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	110321	44.088	ug/l		99
94) Hexachlorobutadiene	13.719	225	45201	42.941	ug/l		97
95) Naphthalene	13.774	128	309610	43.429	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	105752	44.175	ug/l		98

Sample Results: **VX046756.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

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\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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Quant Time: Jun 19 01:31:40 2025
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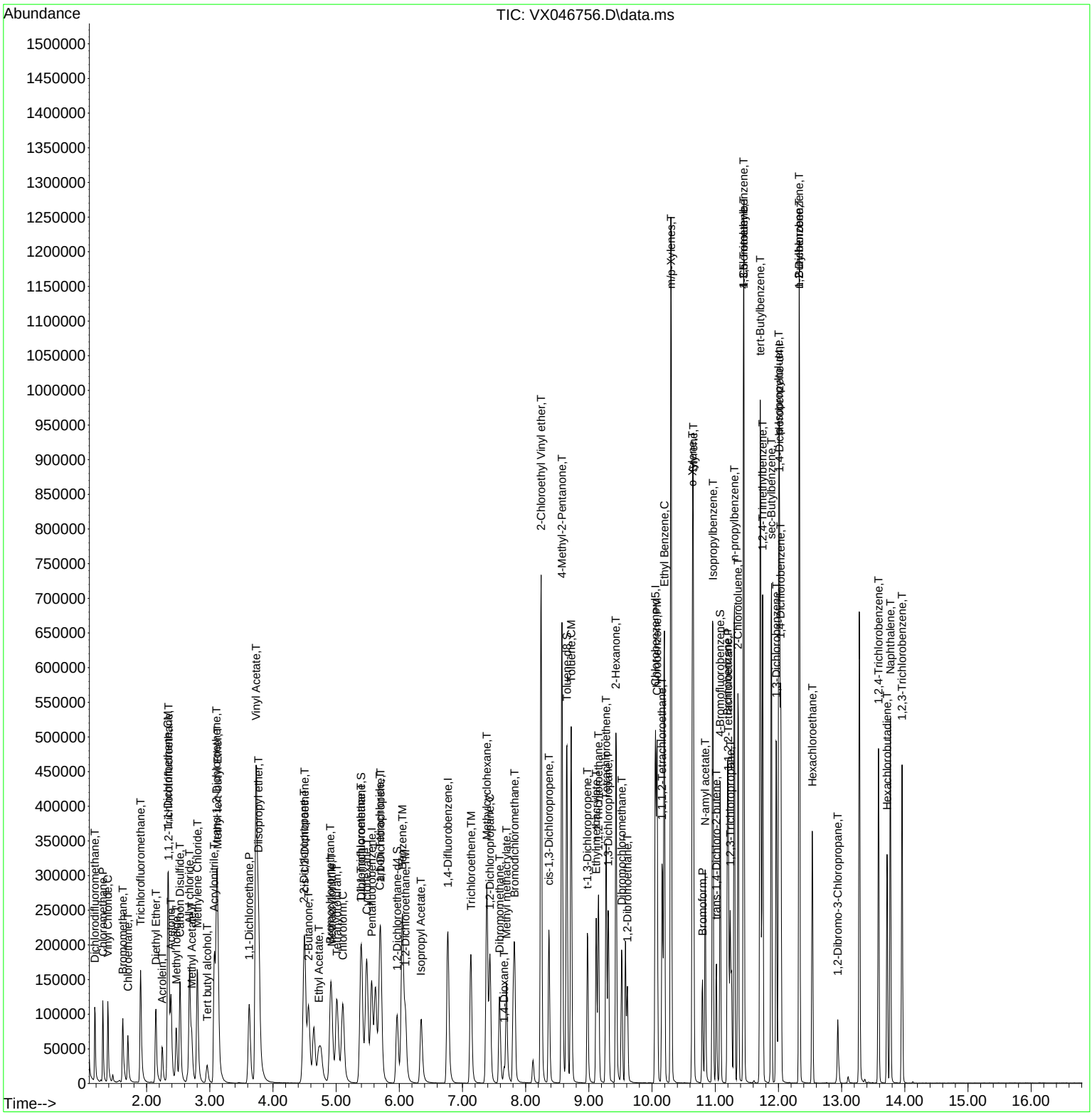
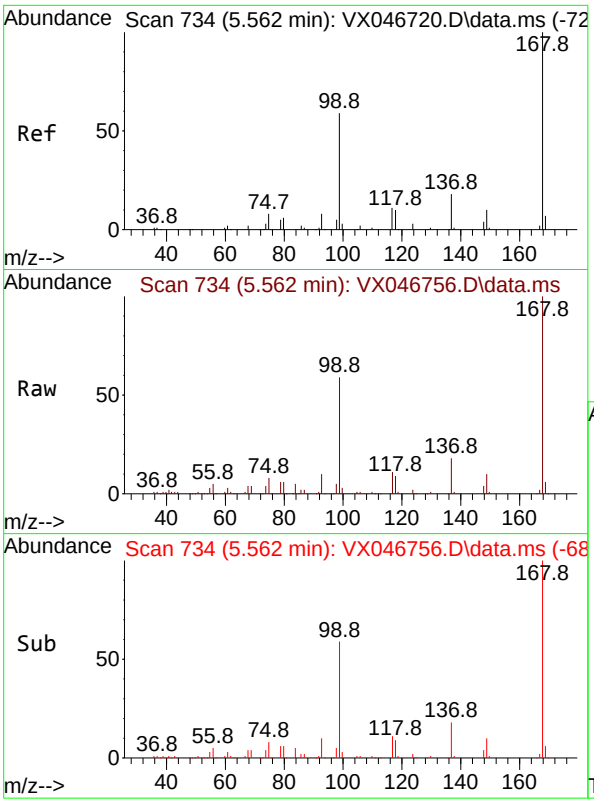
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

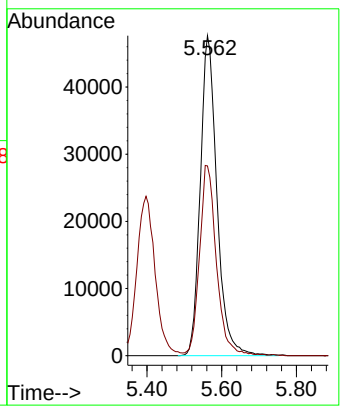




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:168 Resp: 14717

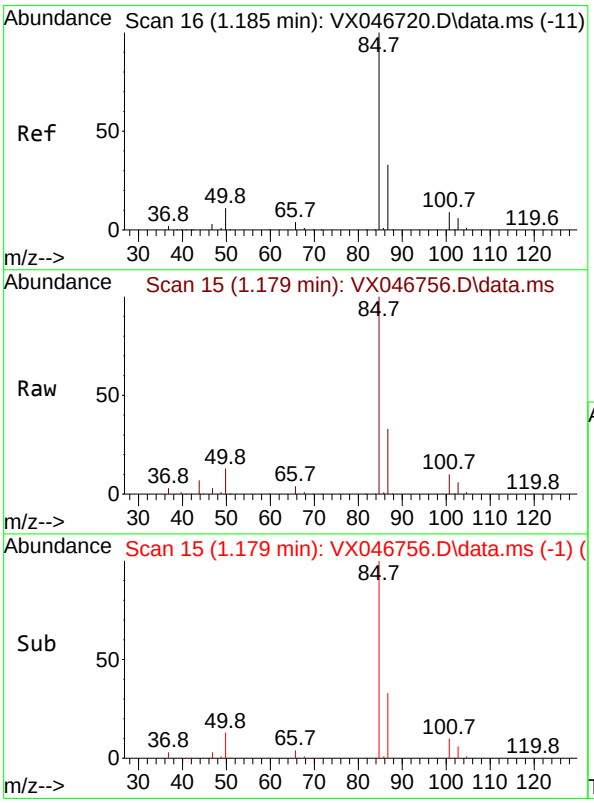
Ion	Ratio	Lower	Upper
168	100		
99	59.1	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

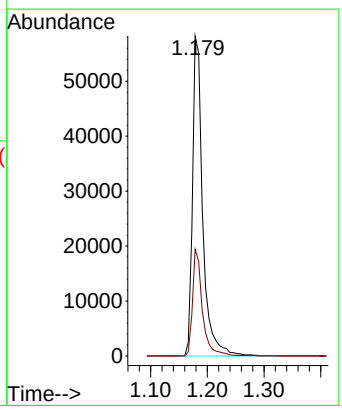
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

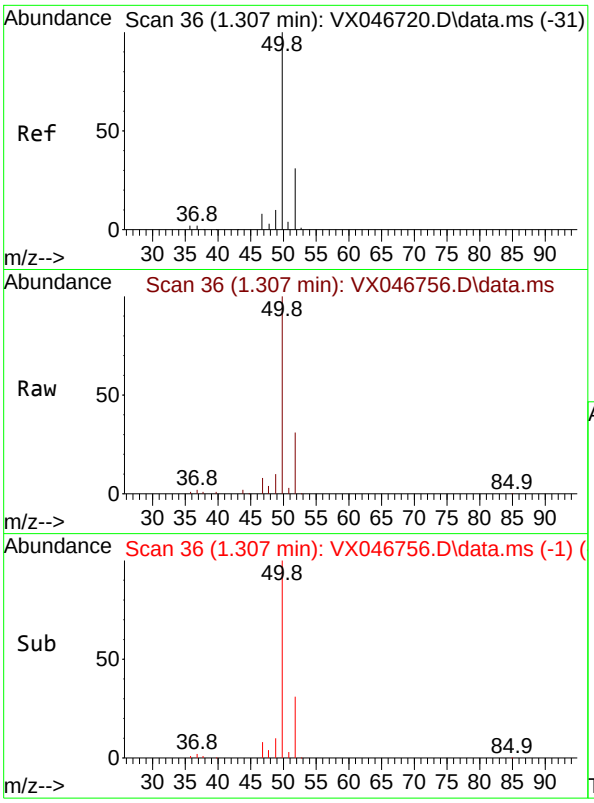


#2
Dichlorodifluoromethane
Concen: 46.406 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 85 Resp: 72915

Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.6	49.8





#3
Chloromethane
Concen: 47.322 ug/l
RT: 1.307 min Scan# 3(
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

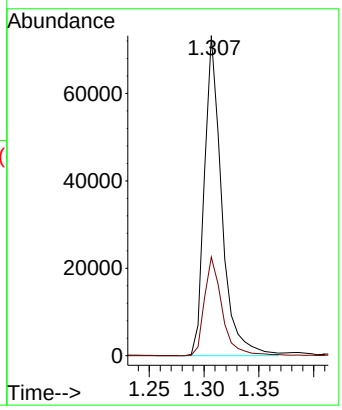
Tgt Ion: 50 Resp: 8025(

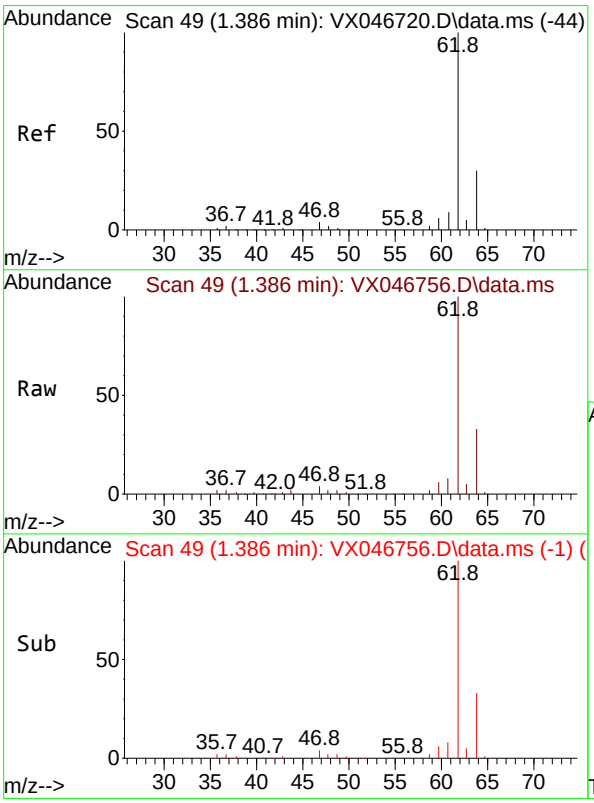
Ion	Ratio	Lower	Upper
50	100		
52	30.8	24.9	37.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

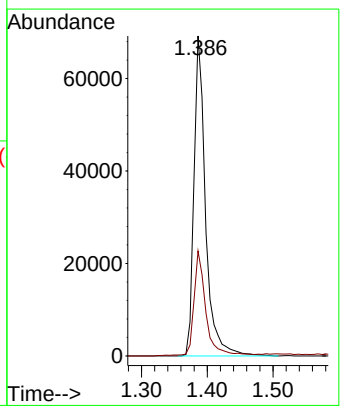


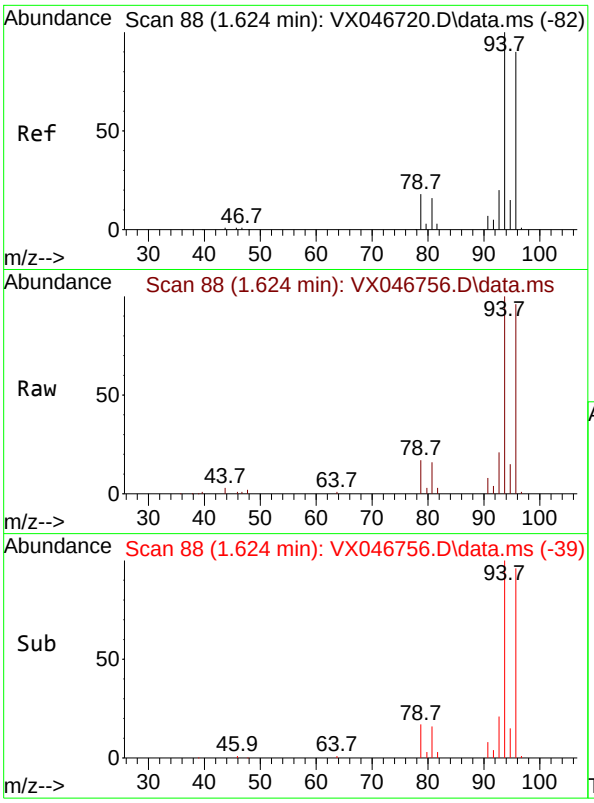


#4
Vinyl Chloride
Concen: 46.917 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 62 Resp: 84851

Ion	Ratio	Lower	Upper
62	100		
64	32.5	23.9	35.9





#5
Bromomethane
Concen: 51.222 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 94 Resp: 5211

Ion	Ratio	Lower	Upper
94	100		
96	96.1	72.3	108.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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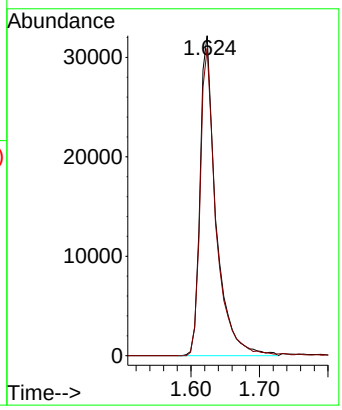
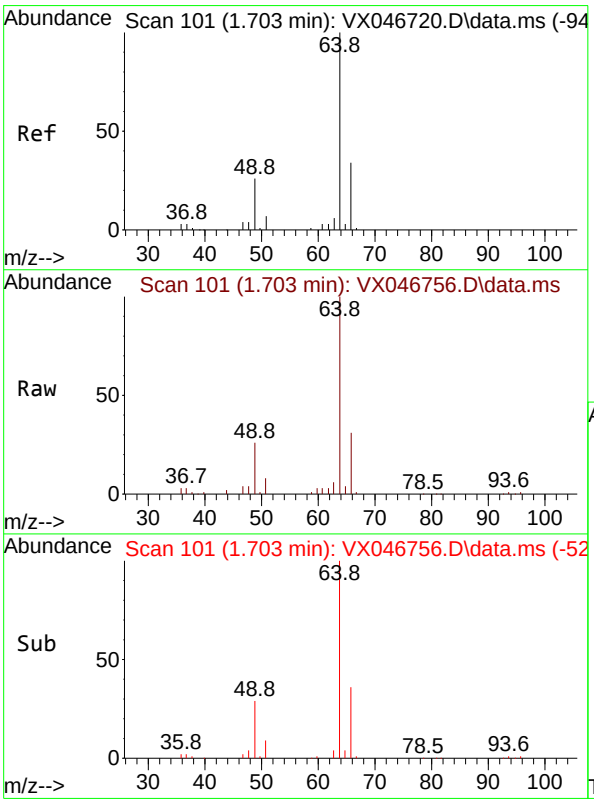
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

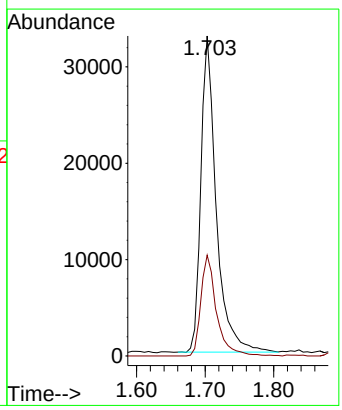


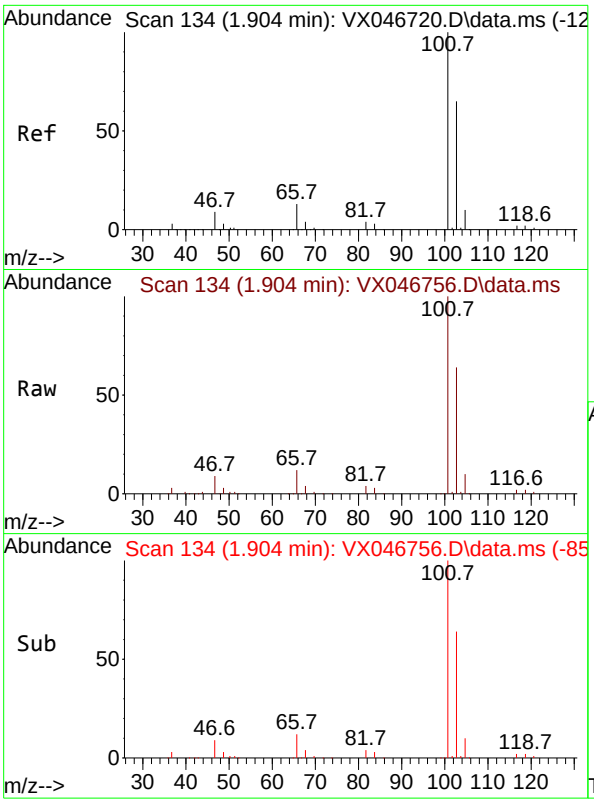


#6
Chloroethane
Concen: 46.730 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 64 Resp: 51222

Ion	Ratio	Lower	Upper
64	100		
66	31.9	27.1	40.7





#7
Trichlorofluoromethane
Concen: 46.190 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:101 Resp: 12684

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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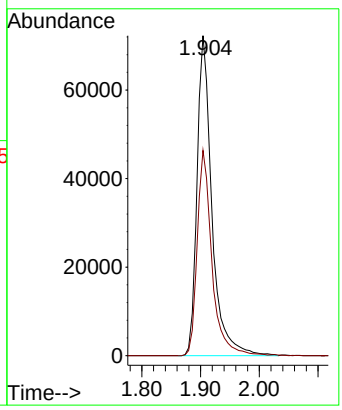
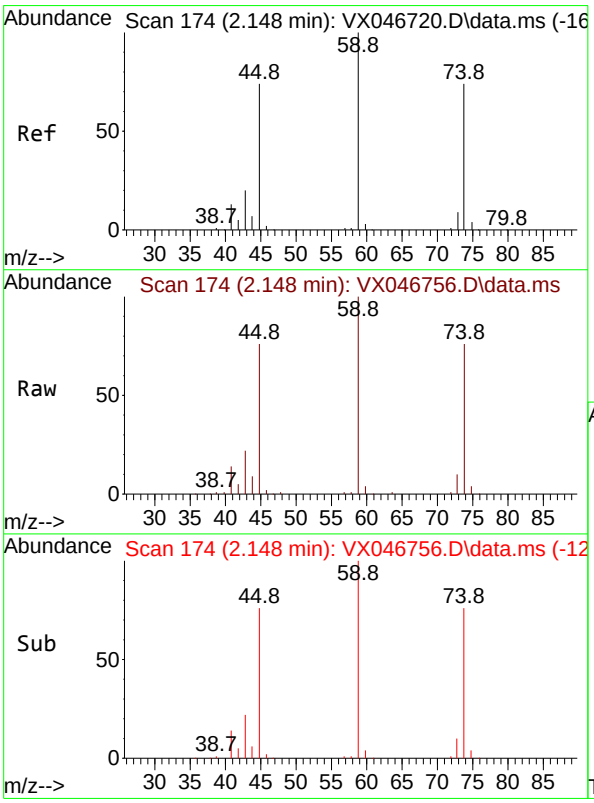
Supervised By :Mahesh Dadoda 06/21/2025

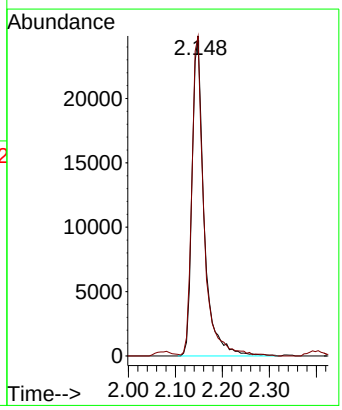


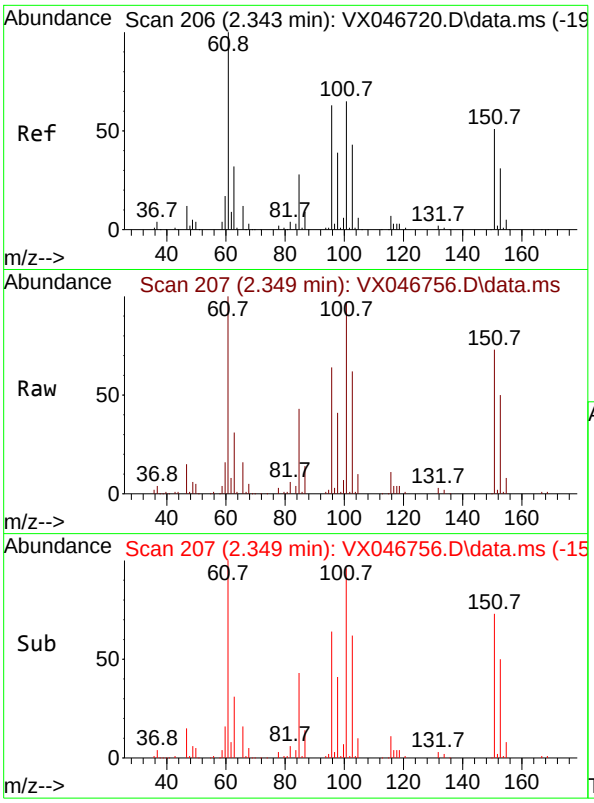


#8
Diethyl Ether
Concen: 47.316 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 74 Resp: 44591

Ion	Ratio	Lower	Upper
74	100		
45	99.2	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.008 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:101 Resp: 7582

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.4	53.0
151	74.7	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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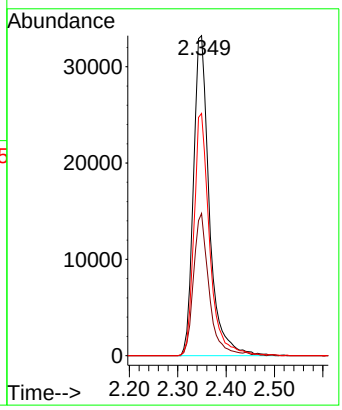
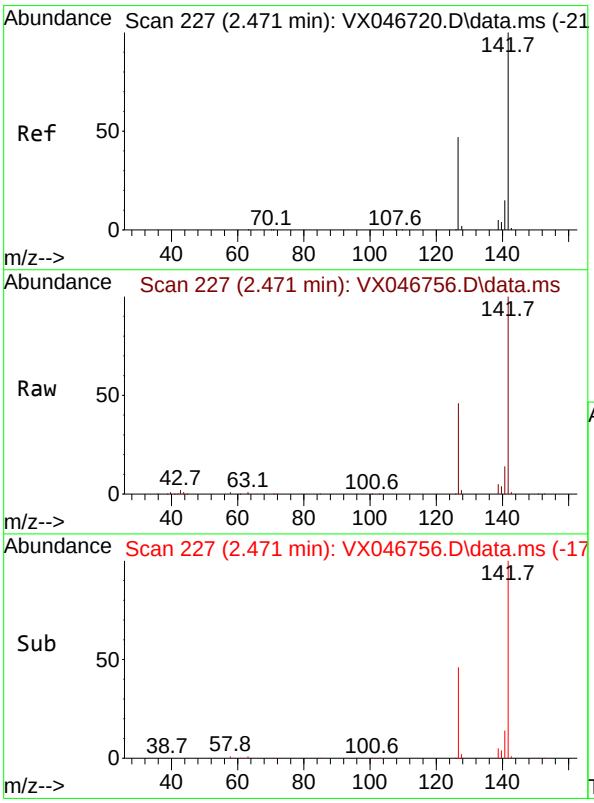
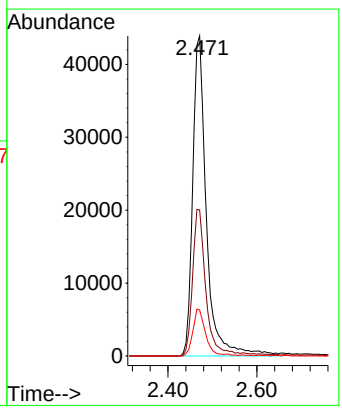


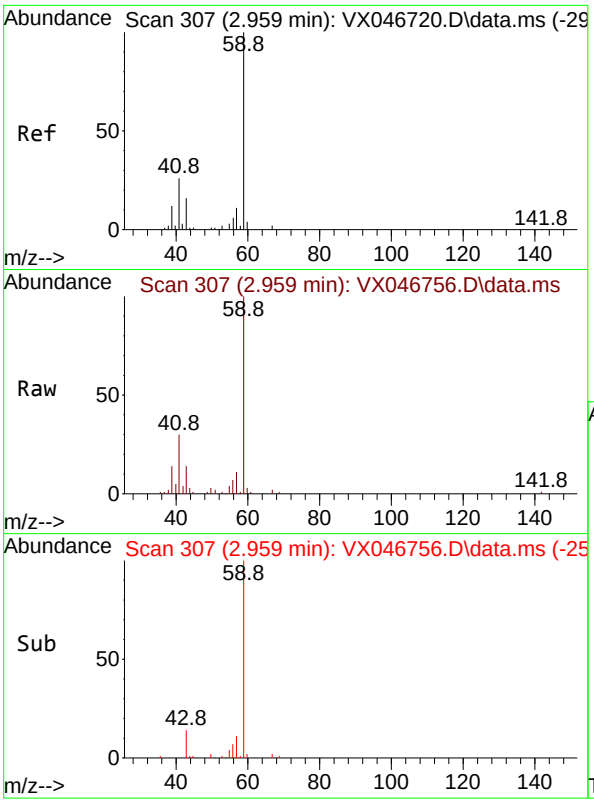


#10
Methyl Iodide
Concen: 45.013 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:142 Resp: 93925

Ion	Ratio	Lower	Upper
142	100		
127	45.6	37.0	55.6
141	13.7	11.5	17.3





#11
Tert butyl alcohol
Concen: 170.030 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 59 Resp: 3106

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 06/19/2025
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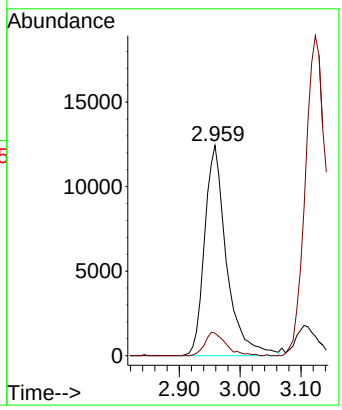
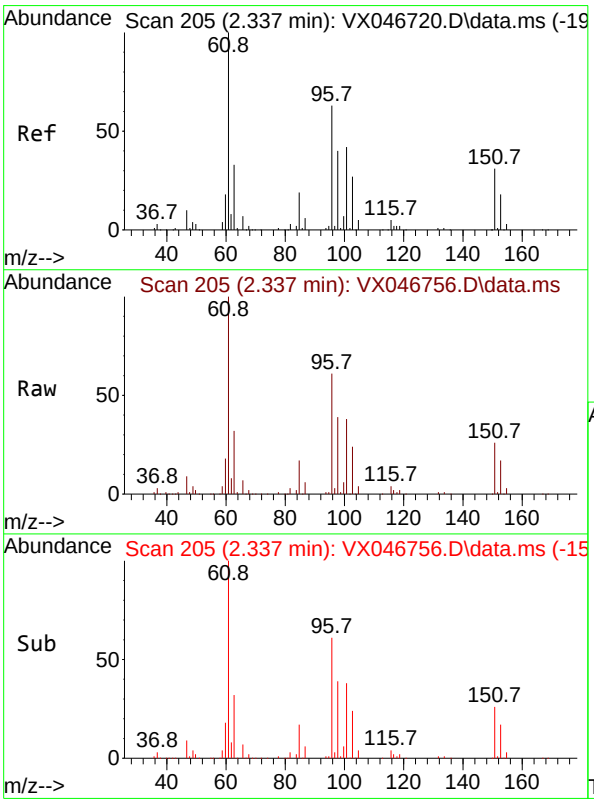
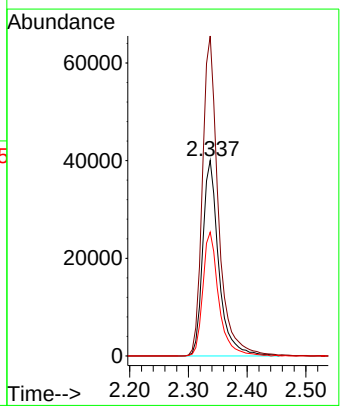


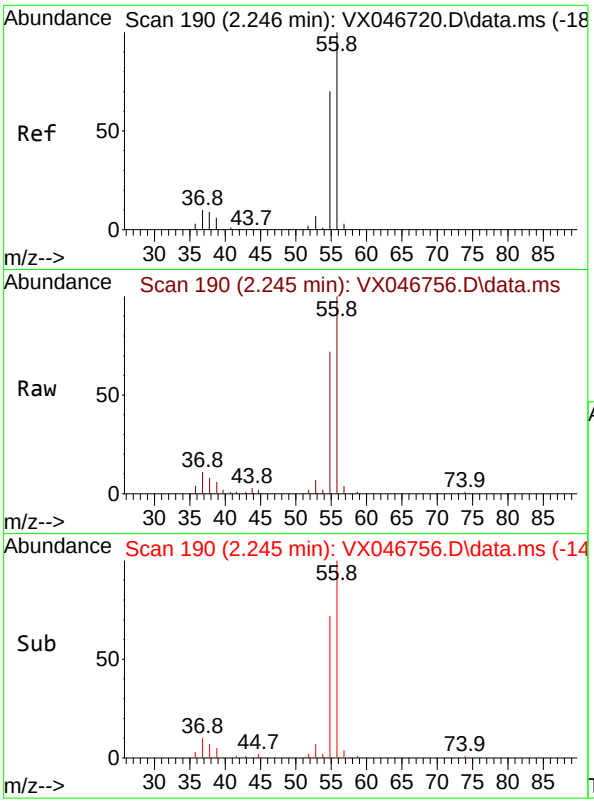


#12
1,1-Dichloroethene
Concen: 46.826 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 96 Resp: 76120

Ion	Ratio	Lower	Upper
96	100		
61	163.7	126.6	189.8
98	63.3	50.7	76.1

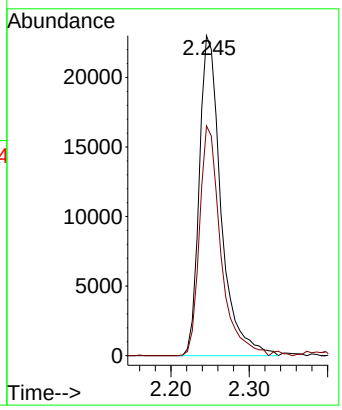




#13
Acrolein
Concen: 166.547 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 56 Resp: 4432

Ion	Ratio	Lower	Upper
56	100		
55	70.1	55.2	82.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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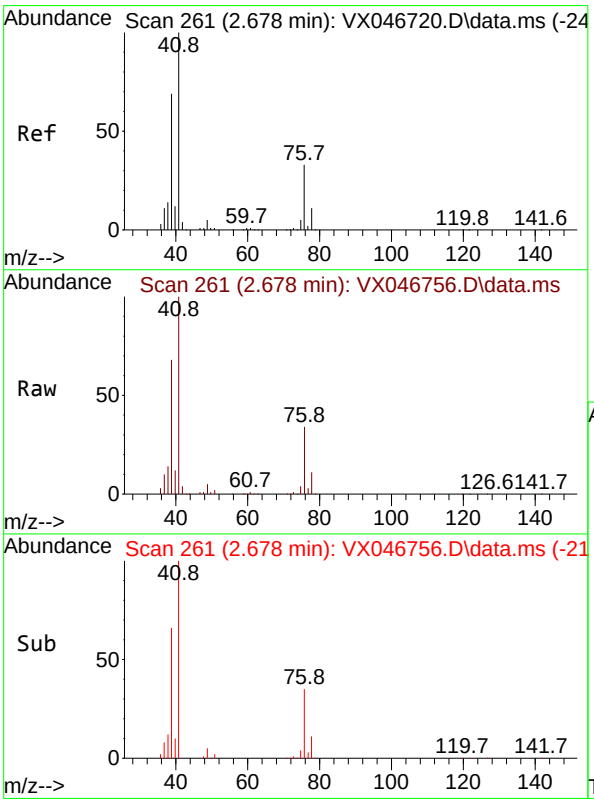
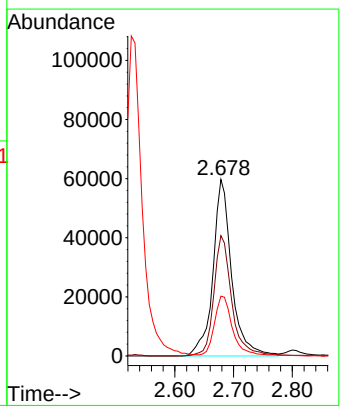
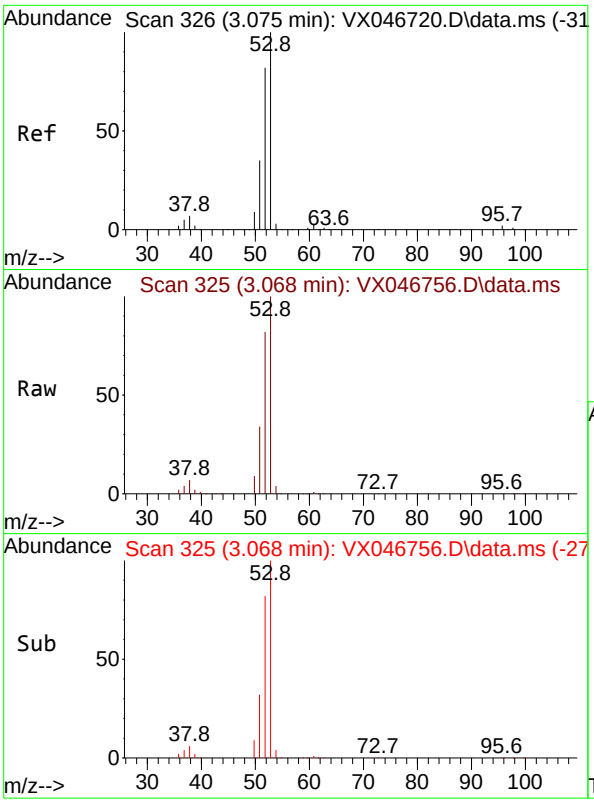


#14
Allyl chloride
Concen: 44.851 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 41 Resp: 132100

Ion	Ratio	Lower	Upper
41	100		
39	65.5	53.6	80.4
76	32.2	26.8	40.2

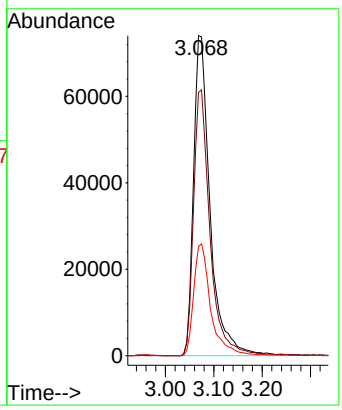




#15
Acrylonitrile
Concen: 214.185 ug/l
RT: 3.068 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 53 Resp: 17596

Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.1	97.7
51	36.2	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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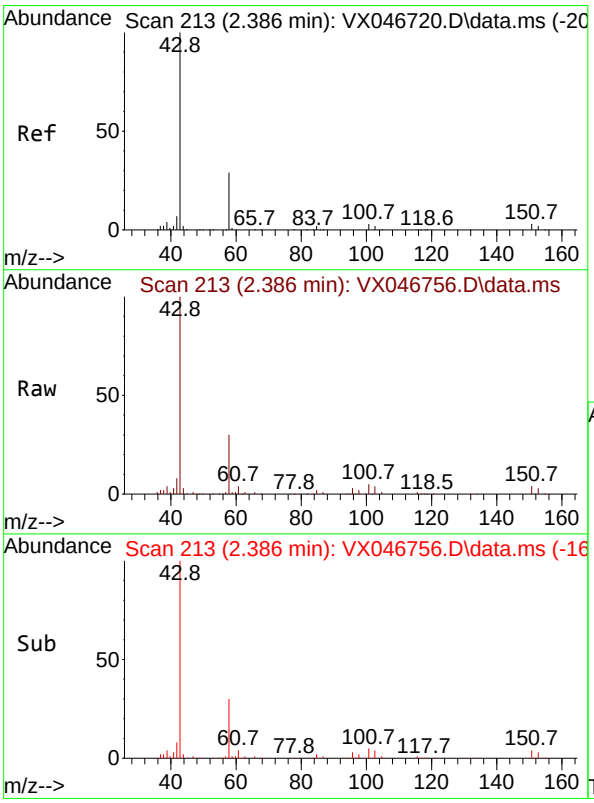
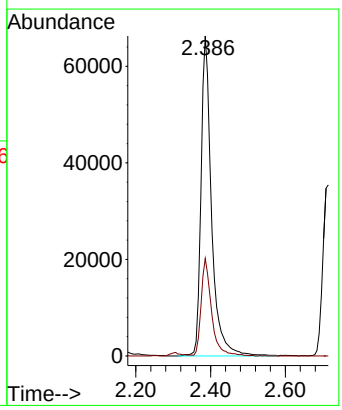
Supervised By :Mahesh Dadoda 06/21/2025

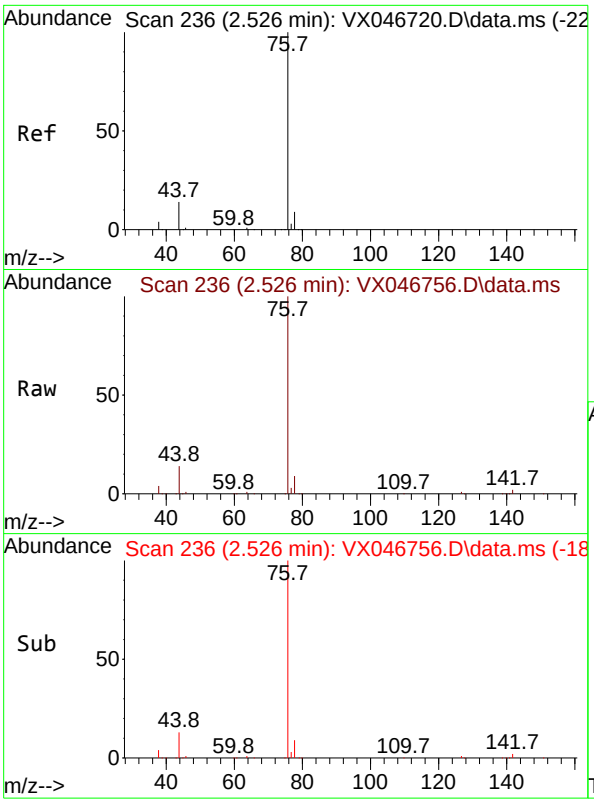


#16
Acetone
Concen: 191.058 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 43 Resp: 129697

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.5	36.7





#17
Carbon Disulfide
Concen: 42.969 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 76 Resp: 21093

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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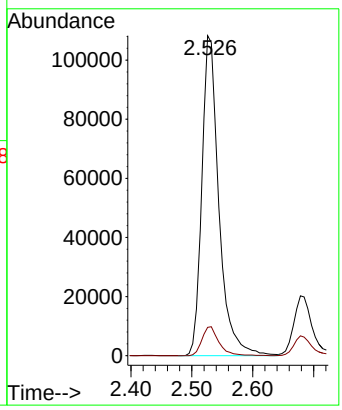
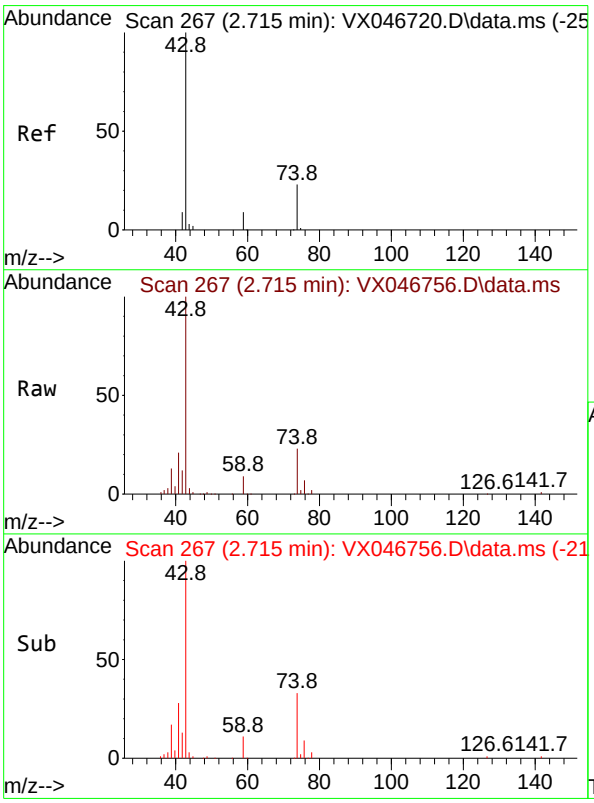
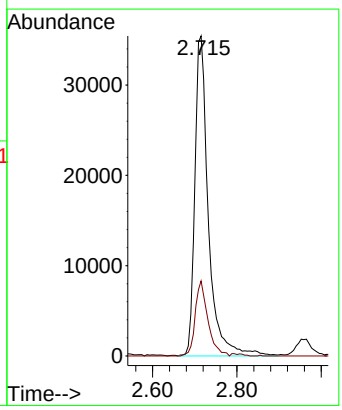


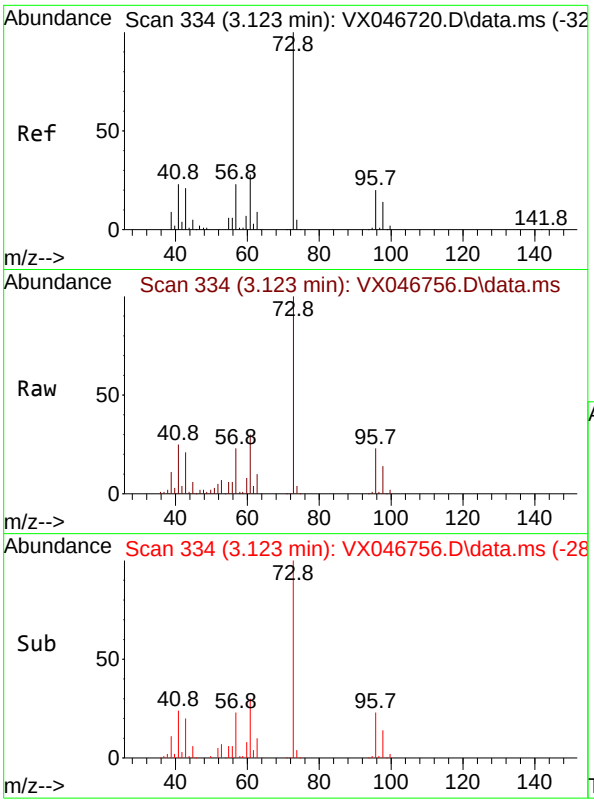


#18
Methyl Acetate
Concen: 45.999 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 43 Resp: 79308

Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.4	27.6





#19
Methyl tert-butyl Ether
Concen: 43.909 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 73 Resp: 22225

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.2	27.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 06/19/2025
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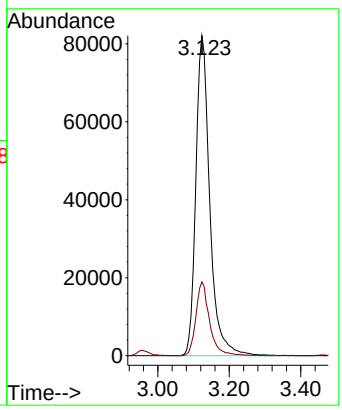
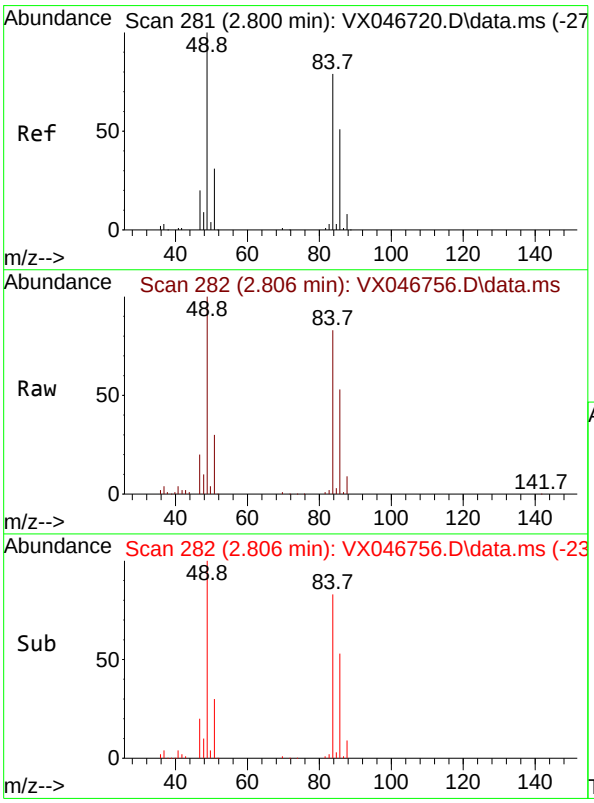
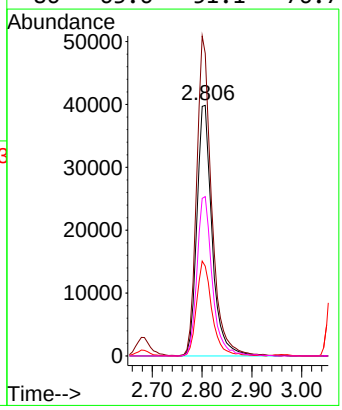


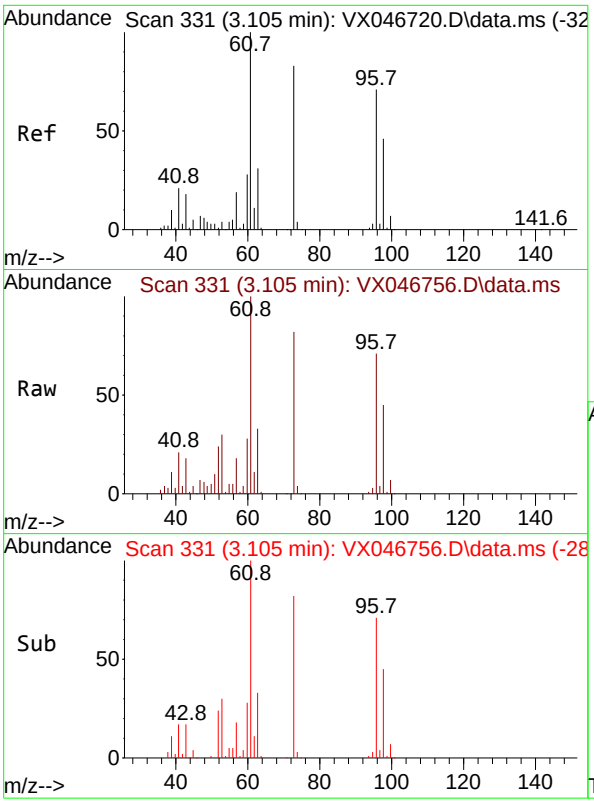


#20
Methylene Chloride
Concen: 44.683 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 84 Resp: 84354

Ion	Ratio	Lower	Upper
84	100		
49	120.7	101.3	151.9
51	35.8	31.0	46.6
86	63.6	51.1	76.7





#21
trans-1,2-Dichloroethene
Concen: 45.569 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 96 Resp: 7926

Ion	Ratio	Lower	Upper
96	100		
61	141.3	112.5	168.7
98	64.3	51.9	77.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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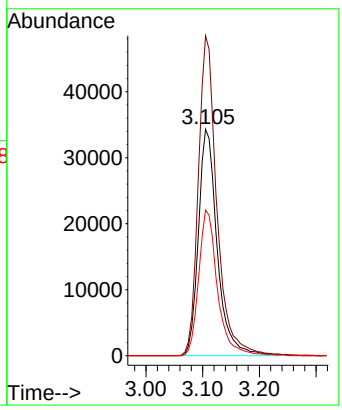
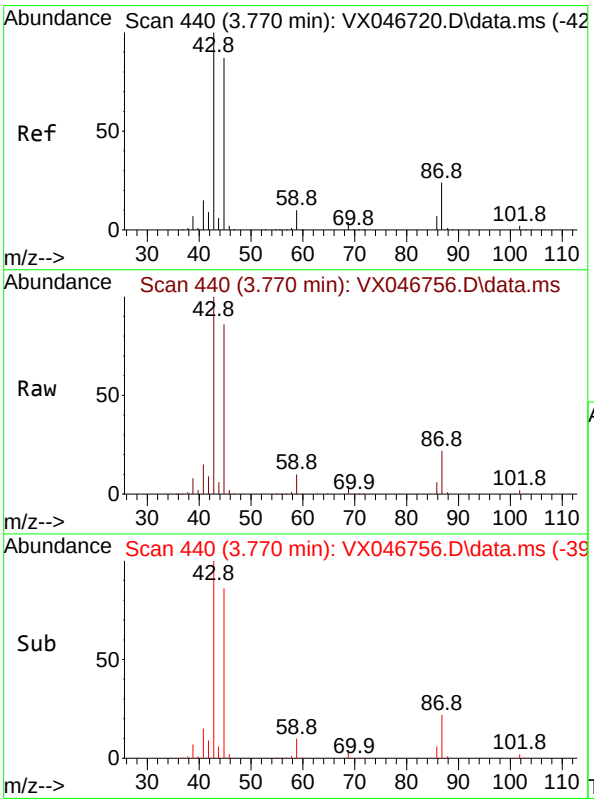
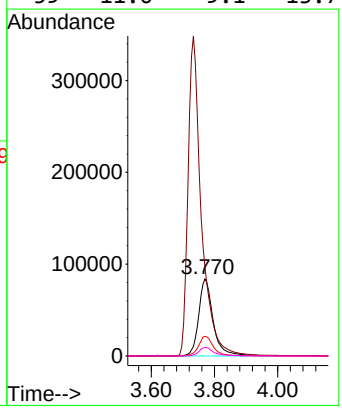


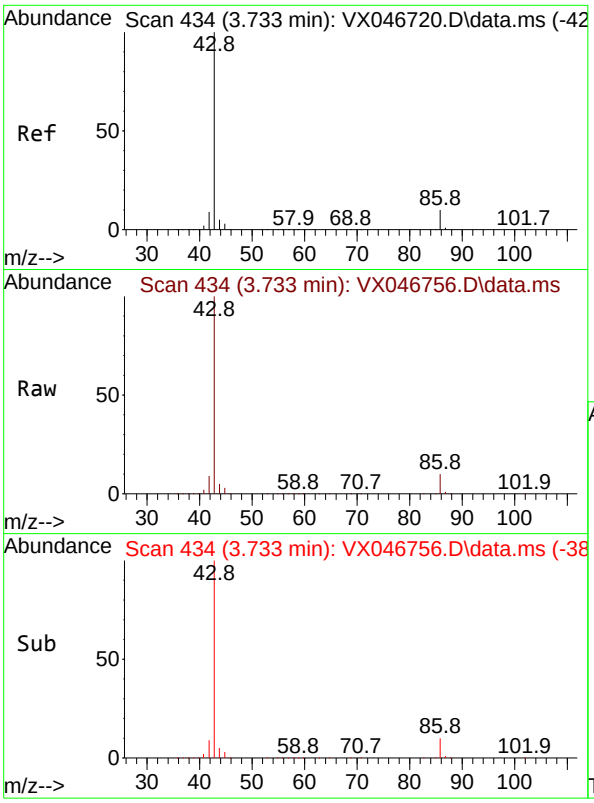


#22
Diisopropyl ether
Concen: 47.321 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 45 Resp: 267893

Ion	Ratio	Lower	Upper
45	100		
43	115.3	91.9	137.9
87	25.6	22.0	33.0
59	11.0	9.1	13.7





#23
Vinyl Acetate
Concen: 227.659 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 43 Resp: 102487

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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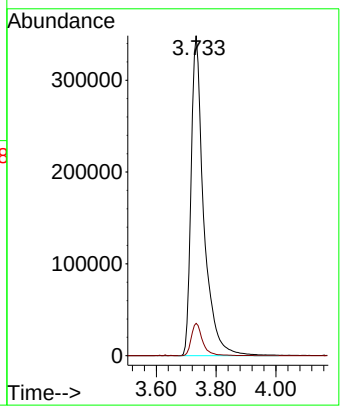
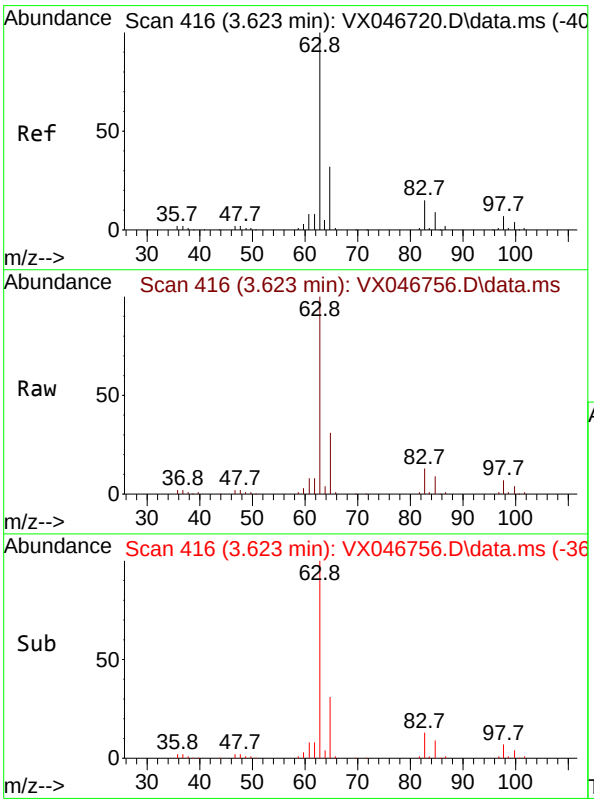
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

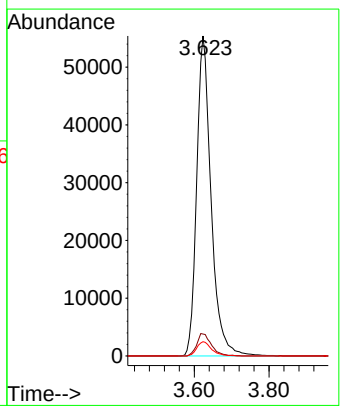


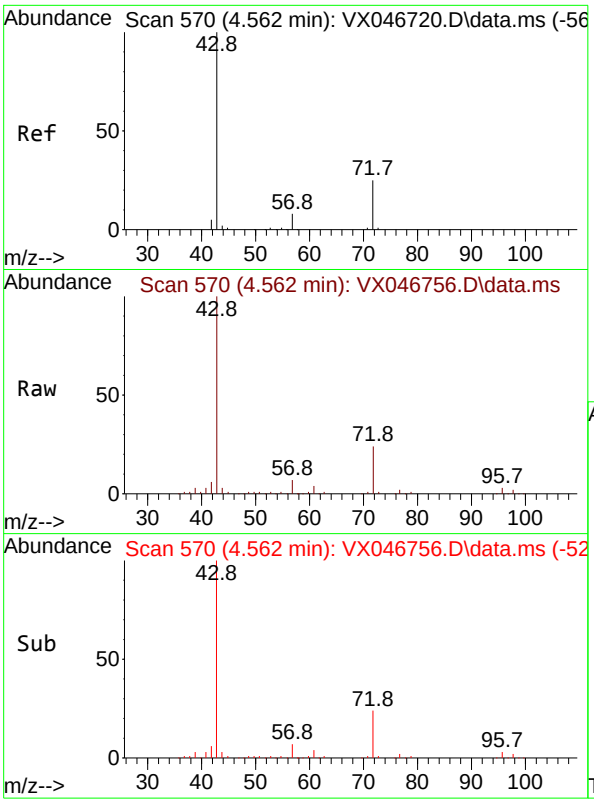


#24
1,1-Dichloroethane
Concen: 46.026 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 63 Resp: 147938

Ion	Ratio	Lower	Upper
63	100		
98	7.5	4.0	11.9
100	4.6	2.2	6.6





#25
2-Butanone
Concen: 205.290 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 43 Resp: 19709

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.2	30.4

Instrument :
MSVOA_X
ClientSampleId :
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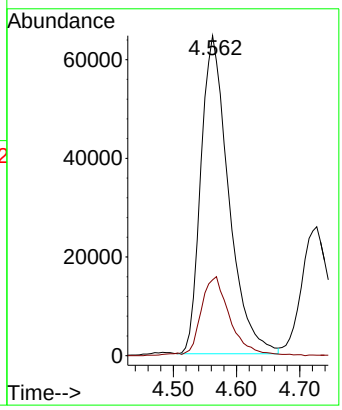
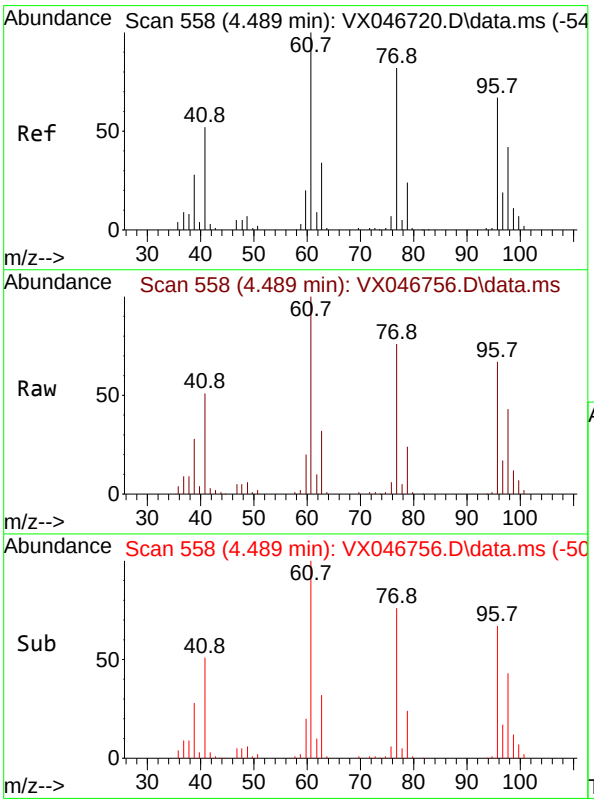
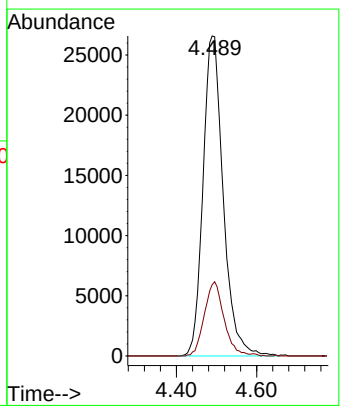


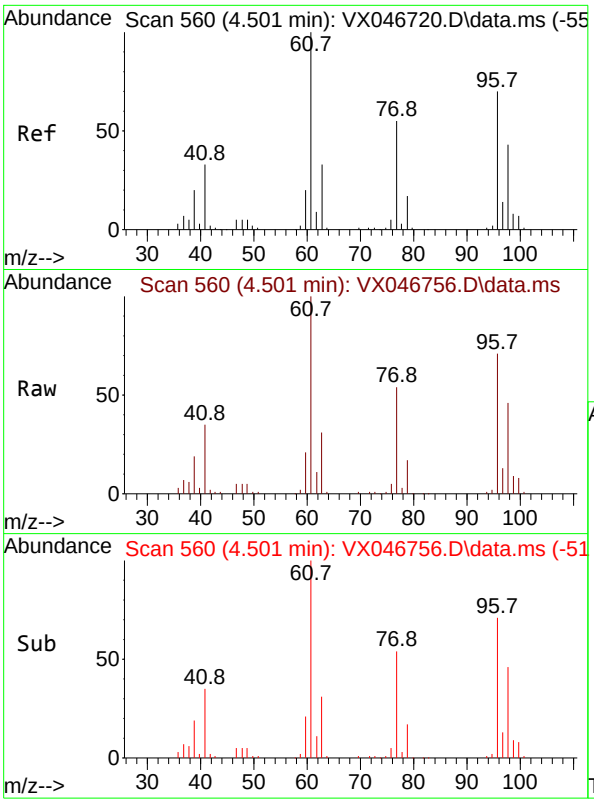


#26
2,2-Dichloropropane
Concen: 39.588 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 77 Resp: 92807

Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.8	35.3





#27
cis-1,2-Dichloroethene
Concen: 45.529 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 96 Resp: 9303

Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	291.0
98	64.4	0.0	126.8

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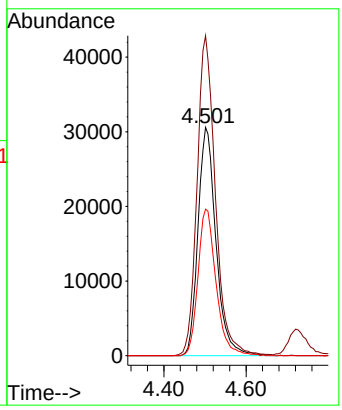
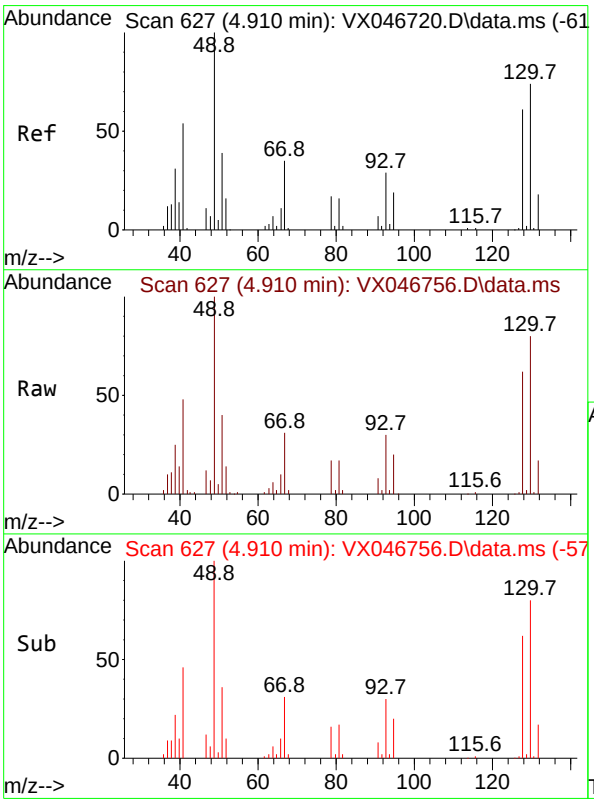
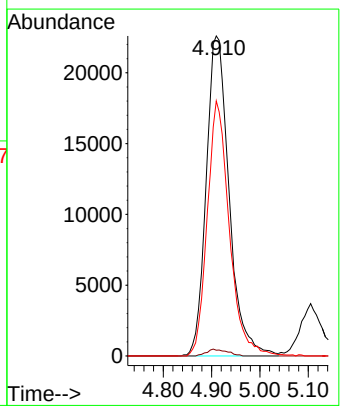


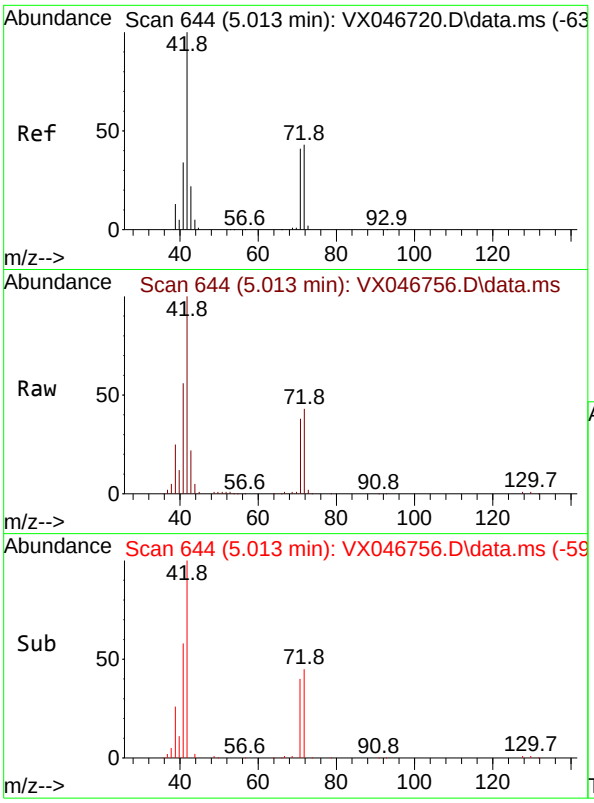


#28
Bromochloromethane
Concen: 51.048 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 49 Resp: 74387

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	76.8	61.4	92.0





#29
Tetrahydrofuran
Concen: 205.472 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 42 Resp: 12741

Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.9	52.3
71	40.3	32.2	48.2

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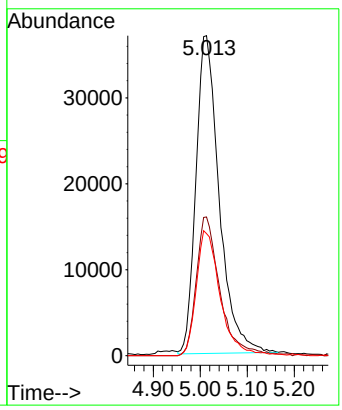
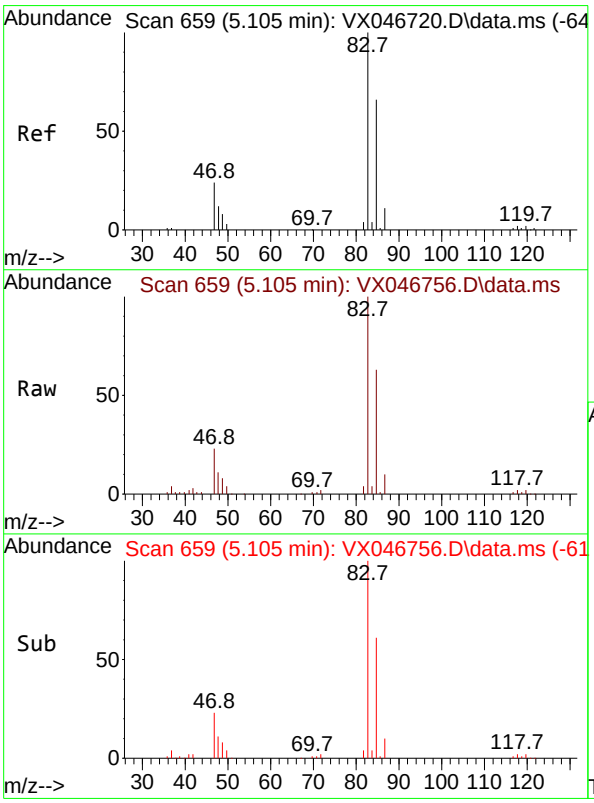
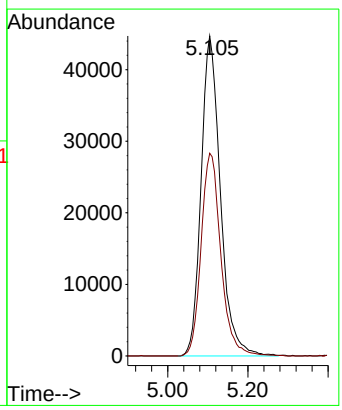


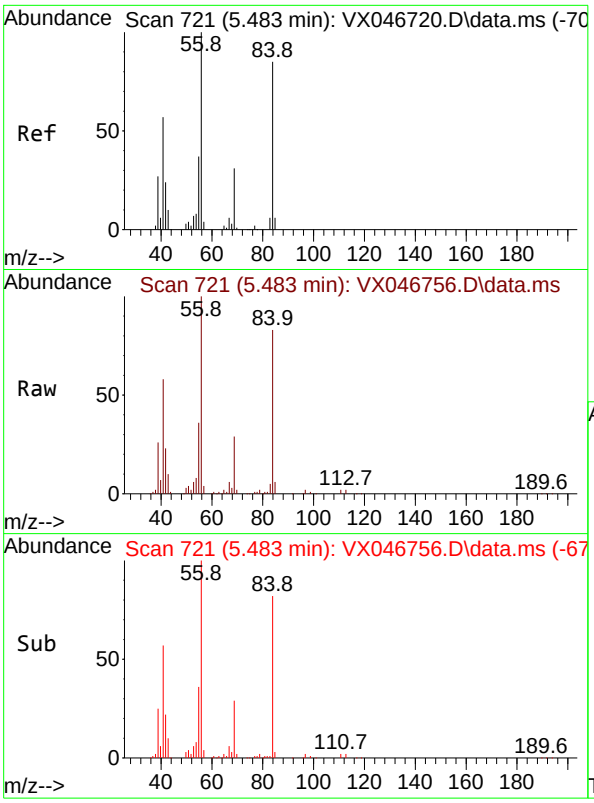


#30
Chloroform
Concen: 46.550 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 83 Resp: 149634

Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.7	80.5





#31
Cyclohexane
Concen: 44.511 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 56 Resp: 13567

Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.8	37.2
84	80.8	68.2	102.2

Instrument :
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ClientSampleId :
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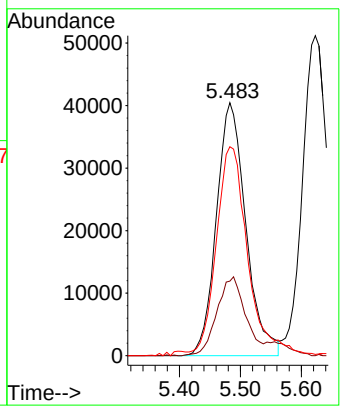
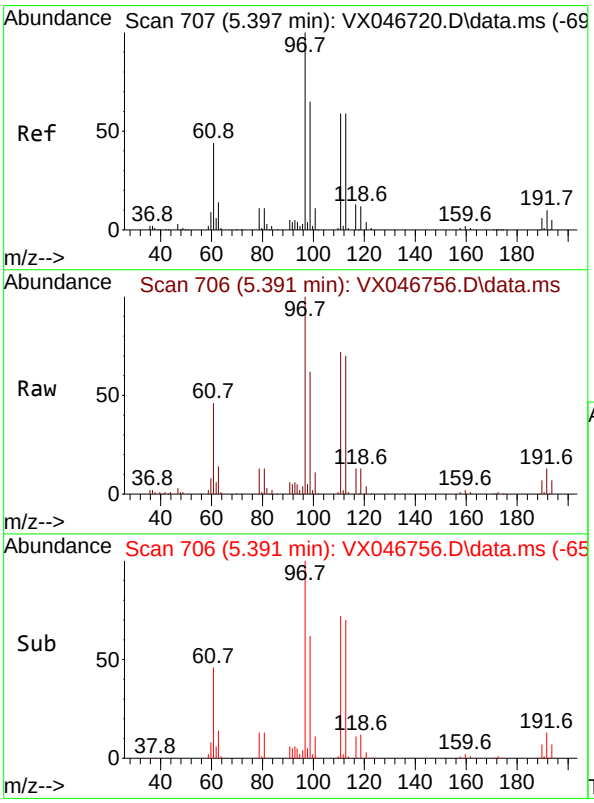
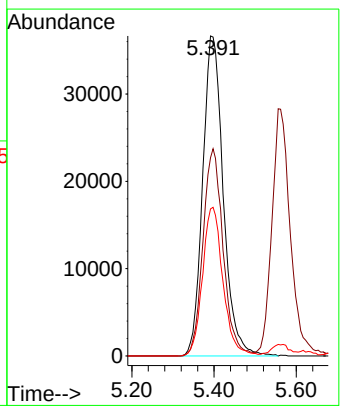


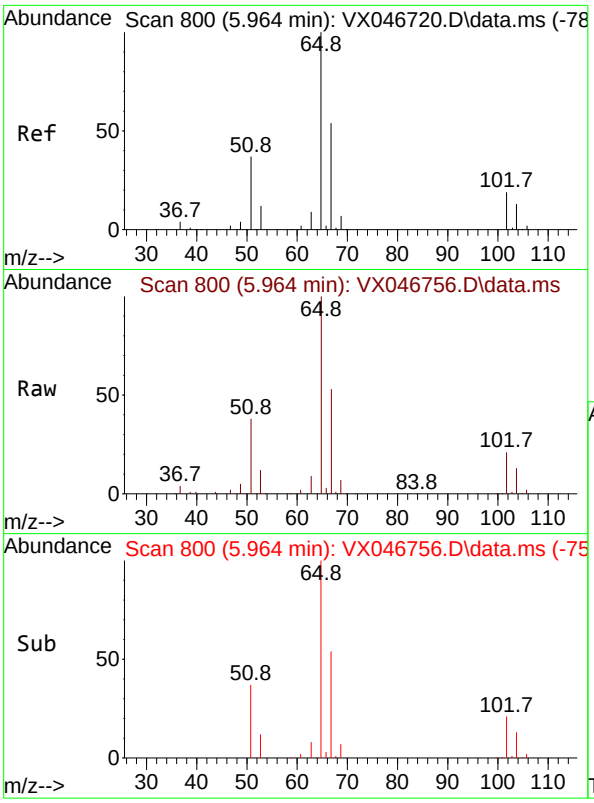


#32
1,1,1-Trichloroethane
Concen: 45.264 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 97 Resp: 127606

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	46.0	36.4	54.6

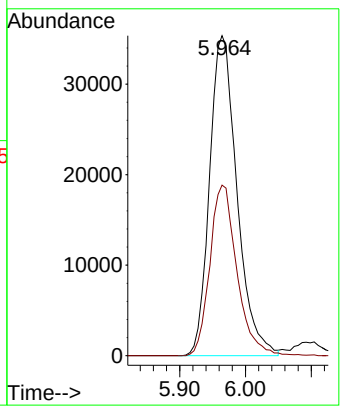




#33
1,2-Dichloroethane-d4
Concen: 50.393 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 65 Resp: 10258

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.4



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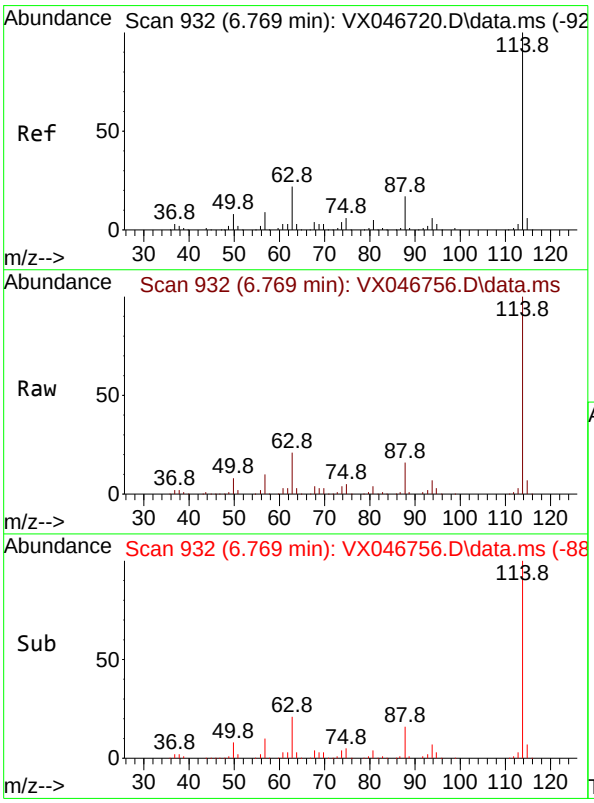
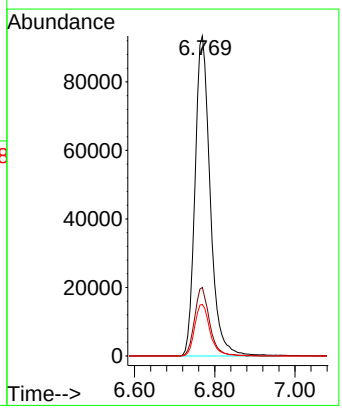
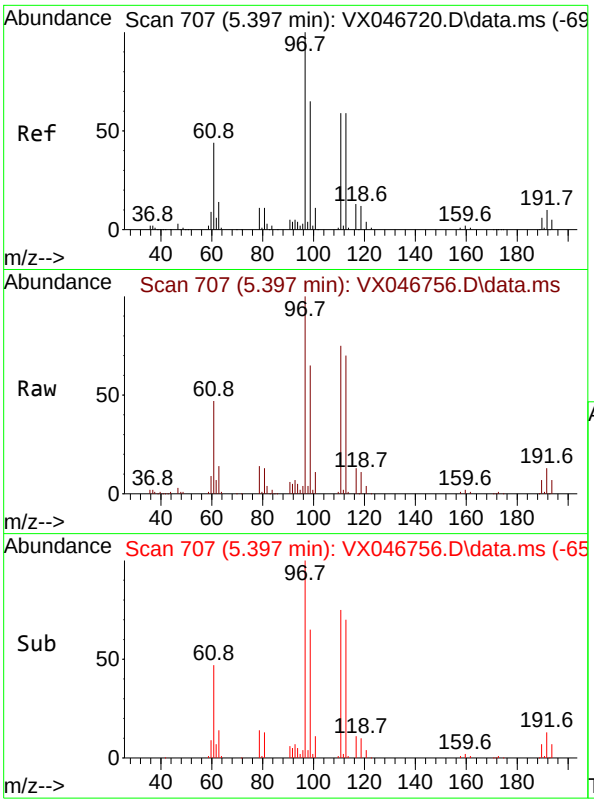


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:114 Resp: 245322

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.2
88	16.1	0.0	33.2

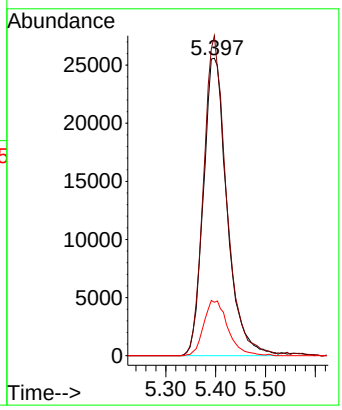




#35
Dibromofluoromethane
Concen: 52.036 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:113 Resp: 8446

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.0	123.0
192	19.0	15.3	22.9



Instrument :
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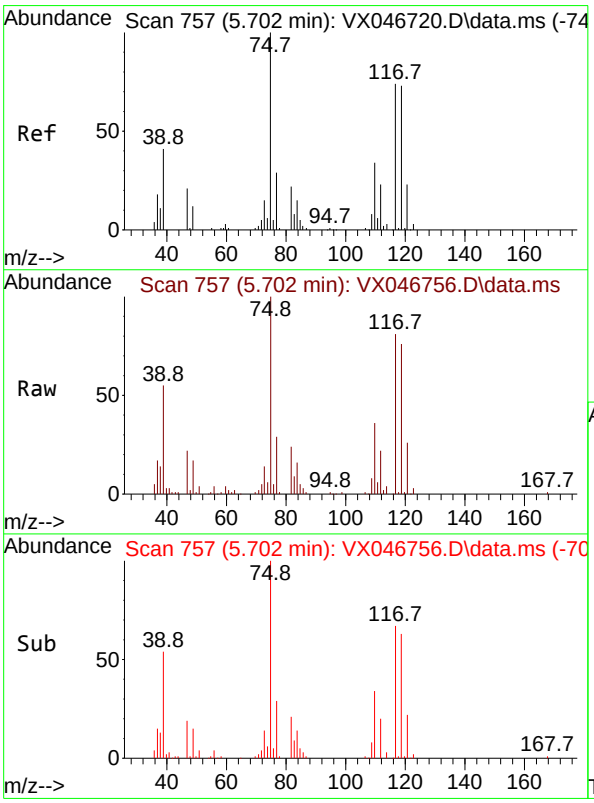
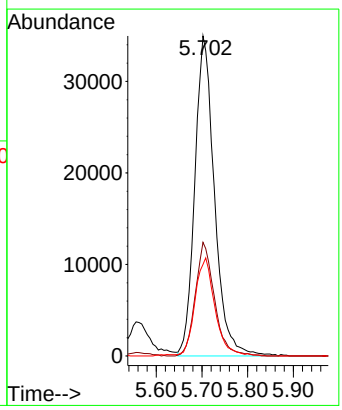
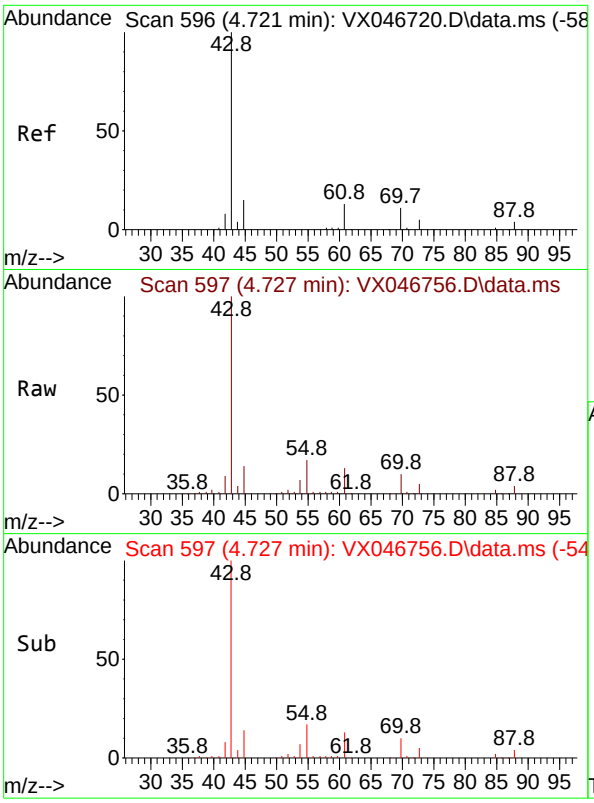


#36
1,1-Dichloropropene
Concen: 44.657 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 75 Resp: 104633

Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.2	51.5
77	31.1	24.2	36.4

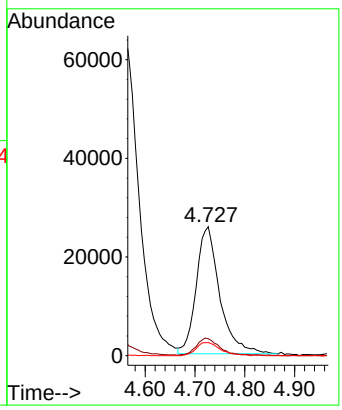




#37
Ethyl Acetate
Concen: 39.004 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 43 Resp: 8435

Ion	Ratio	Lower	Upper
43	100		
61	14.3	9.7	14.5
70	10.6	8.1	12.1



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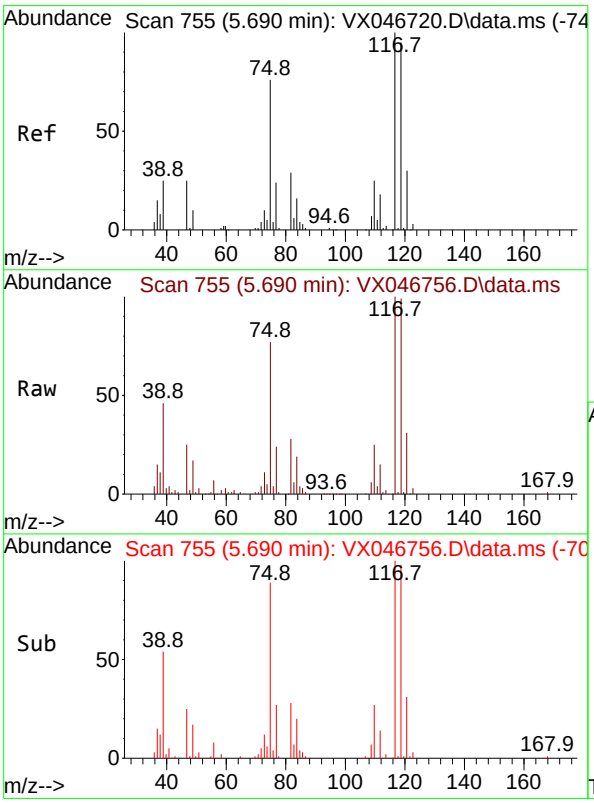
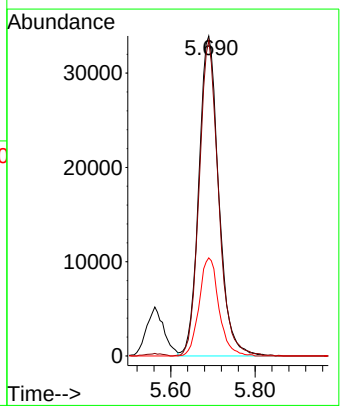
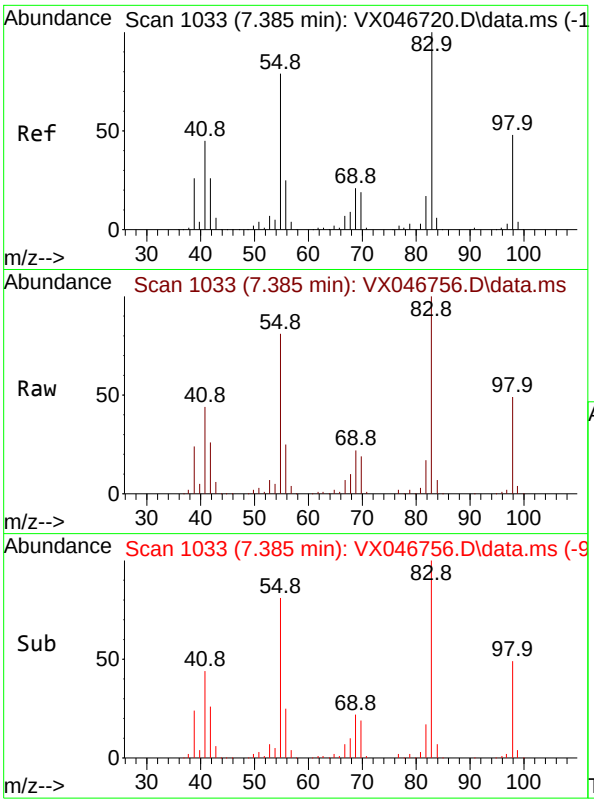


#38
Carbon Tetrachloride
Concen: 43.921 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:117 Resp: 111681

Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.2	112.8
121	30.6	24.1	36.1

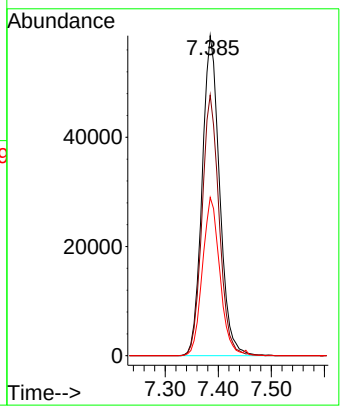




#39
Methylcyclohexane
Concen: 43.470 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 83 Resp: 13402

Ion	Ratio	Lower	Upper
83	100		
55	81.5	63.0	94.4
98	49.5	38.8	58.2



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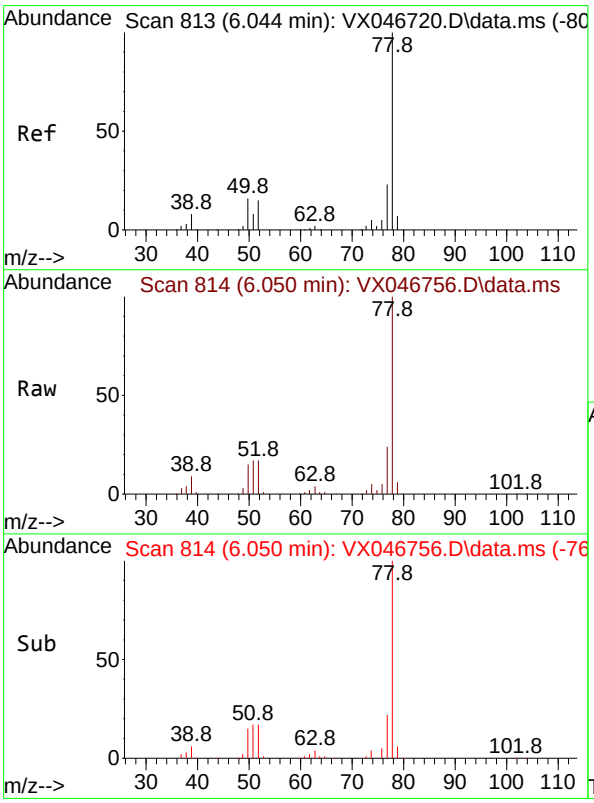
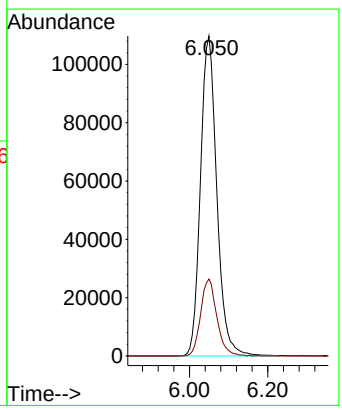
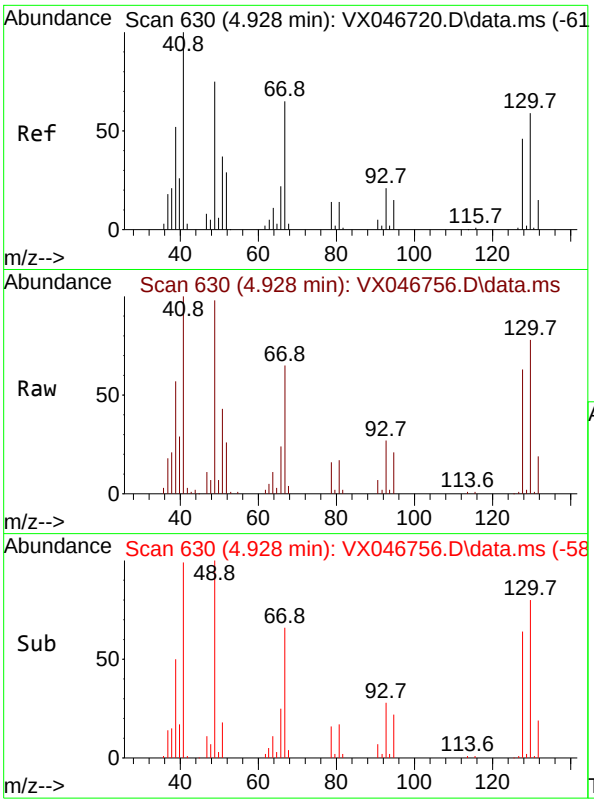


#40
Benzene
Concen: 45.803 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 78 Resp: 317609

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2

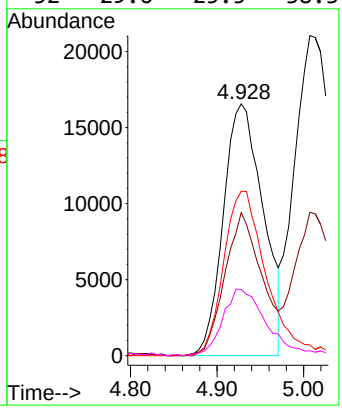




#41
Methacrylonitrile
Concen: 45.912 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 41 Resp: 5293

Ion	Ratio	Lower	Upper
41	100		
39	52.8	45.9	68.9
67	70.6	61.2	91.8
52	29.6	25.5	38.3



Instrument :
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ClientSampleId :
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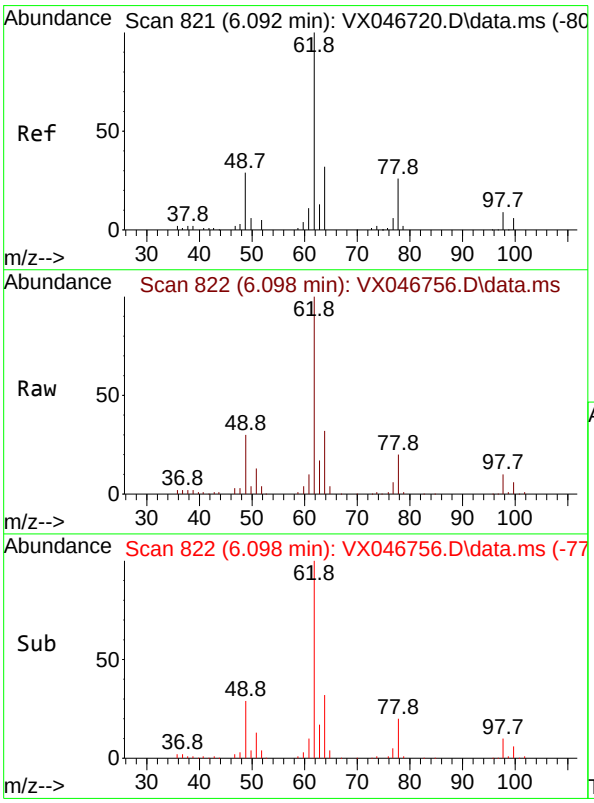
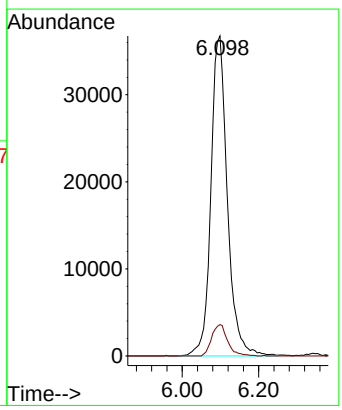
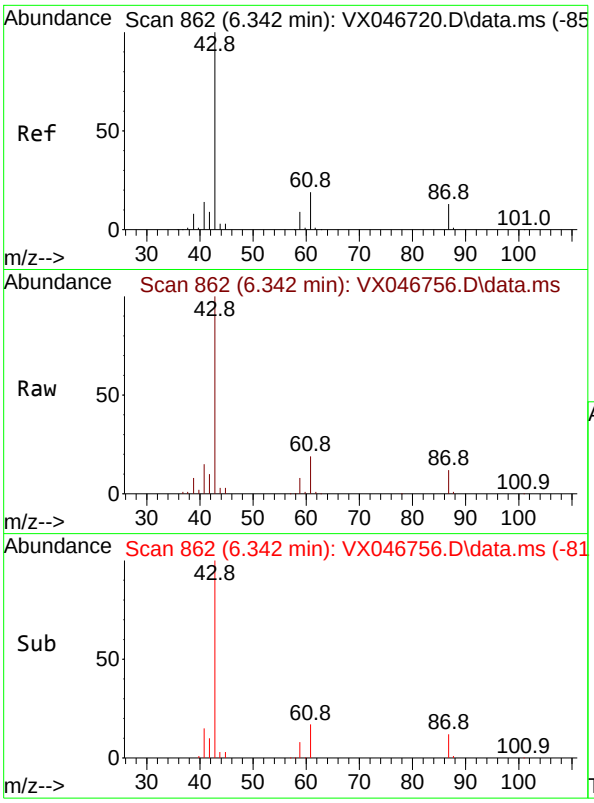


#42
1,2-Dichloroethane
Concen: 45.085 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 62 Resp: 109861

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8





#43
Isopropyl Acetate
Concen: 42.913 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 43 Resp: 14523

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.3	22.9
87	12.3	10.0	15.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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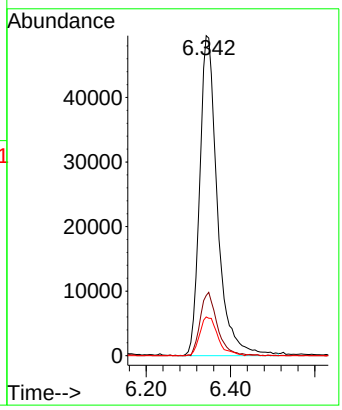
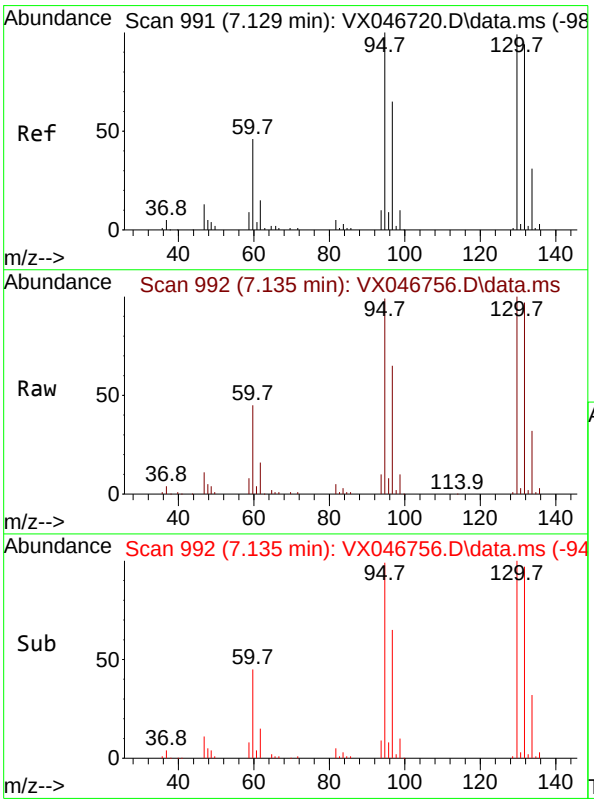
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

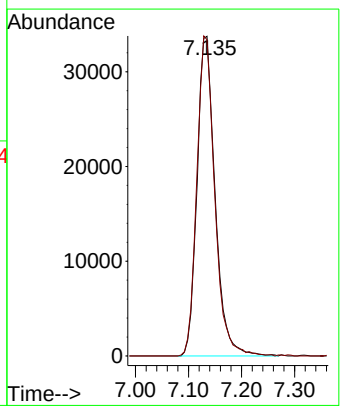


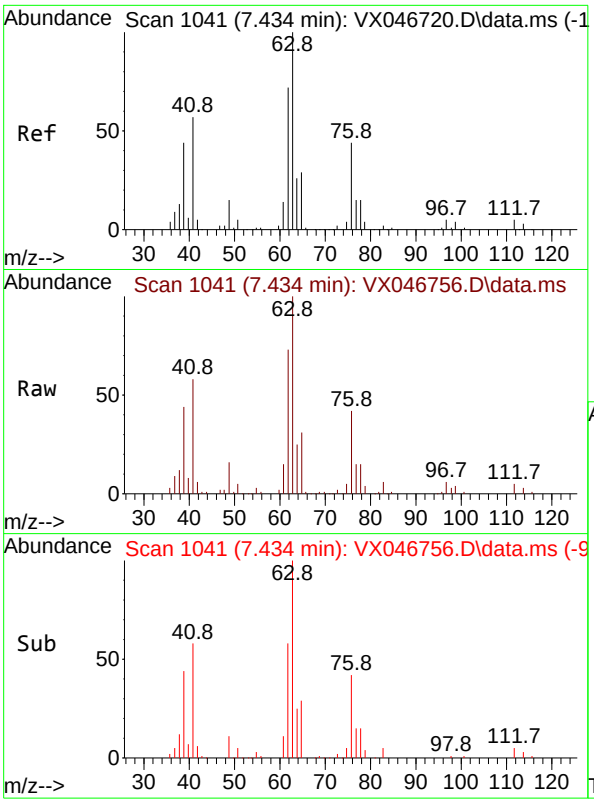


#44
Trichloroethene
Concen: 45.127 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:130 Resp: 79747

Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	202.6





#45
1,2-Dichloropropane
Concen: 45.784 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 63 Resp: 7868

Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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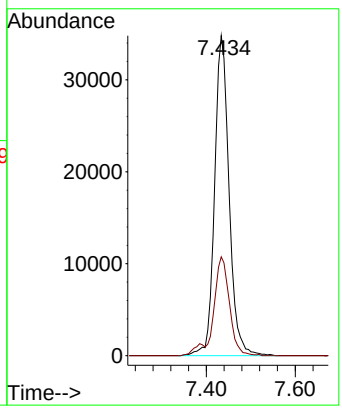
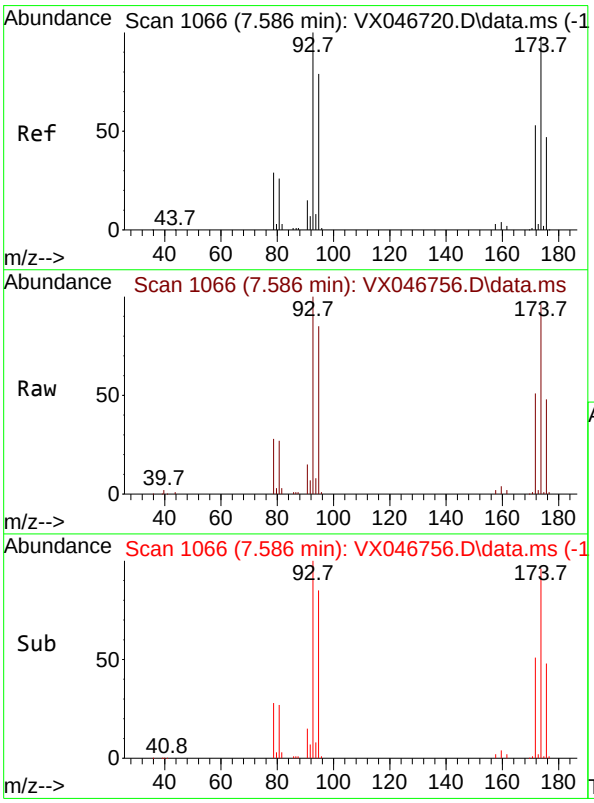
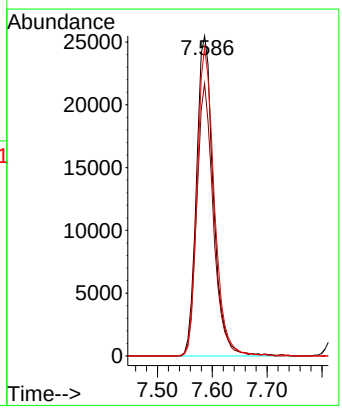


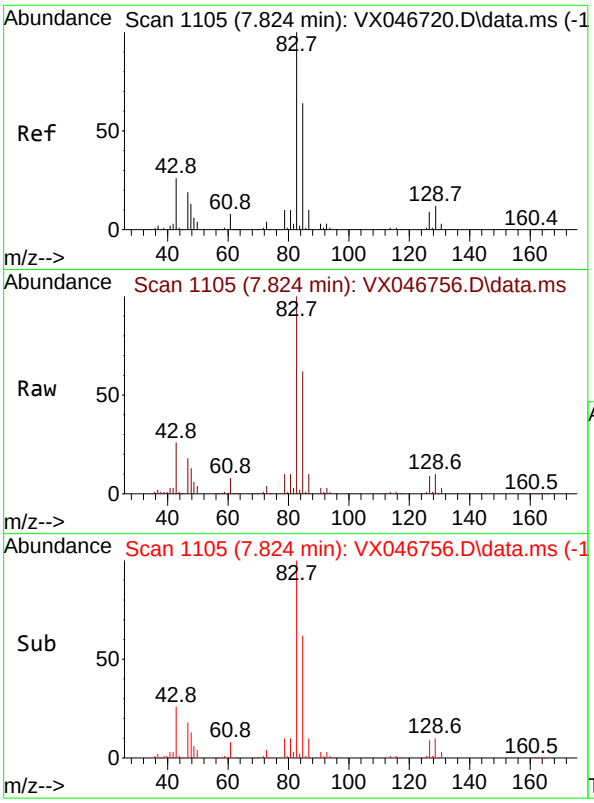


#46
Dibromomethane
Concen: 44.330 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 93 Resp: 54751

Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.2	99.4
174	96.7	77.0	115.6

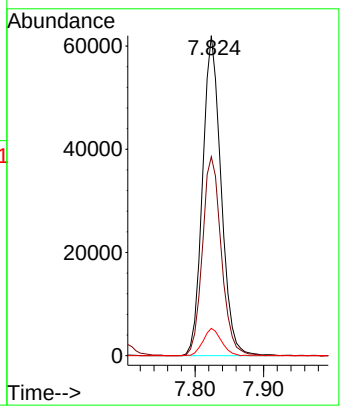




#47
Bromodichloromethane
Concen: 46.281 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 83 Resp: 11664

Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.4	77.2
127	8.6	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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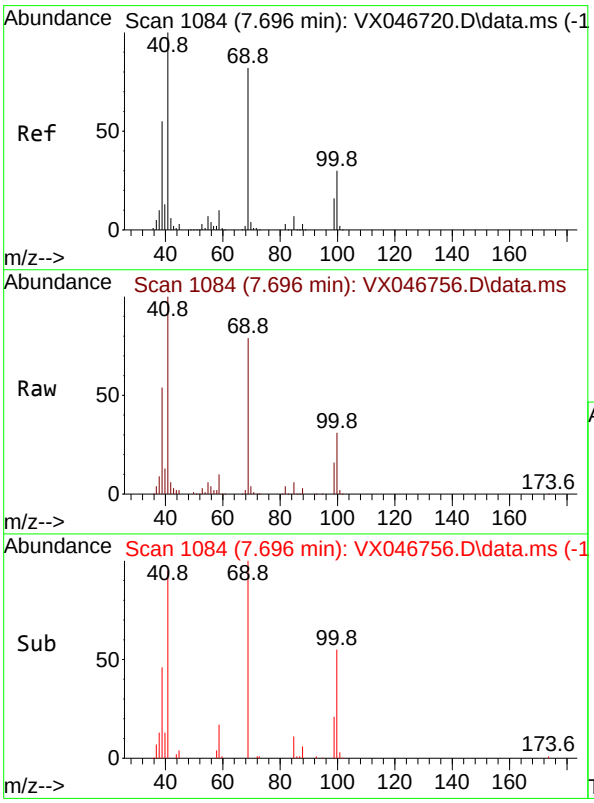
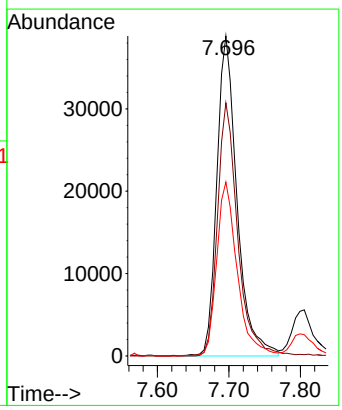
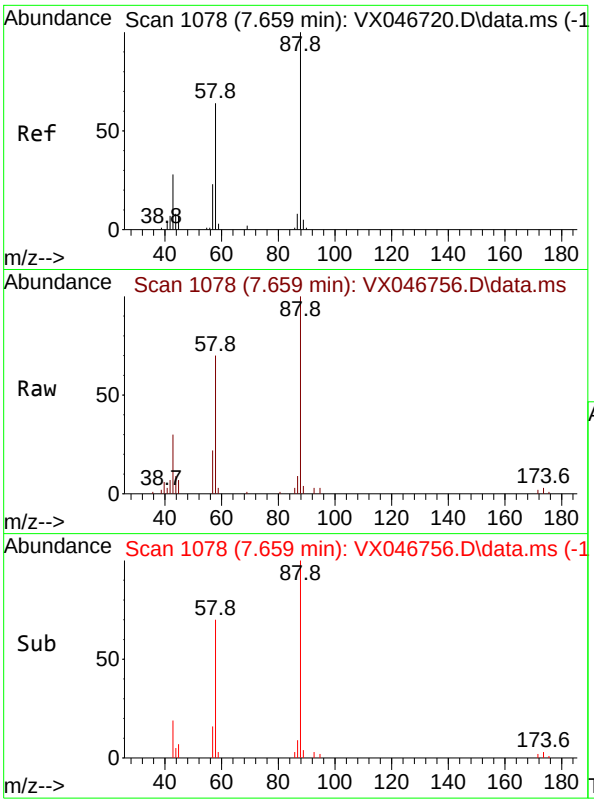


#48
Methyl methacrylate
Concen: 45.018 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 41 Resp: 76410

Ion	Ratio	Lower	Upper
41	100		
69	79.5	63.4	95.2
39	55.2	45.4	68.0





#49
1,4-Dioxane
Concen: 709.769 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 88 Resp: 1731

Ion	Ratio	Lower	Upper
88	100		
43	40.3	31.2	46.8
58	74.5	54.7	82.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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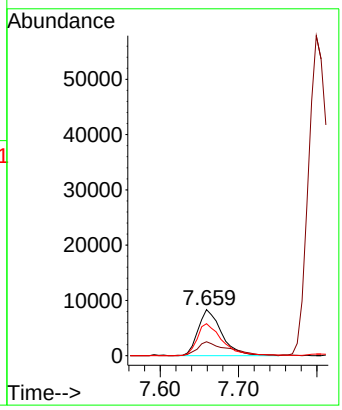
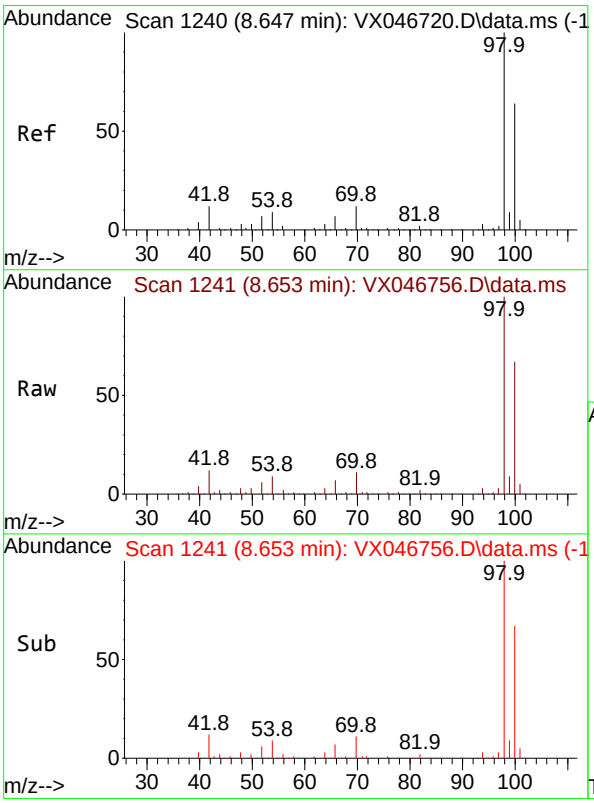
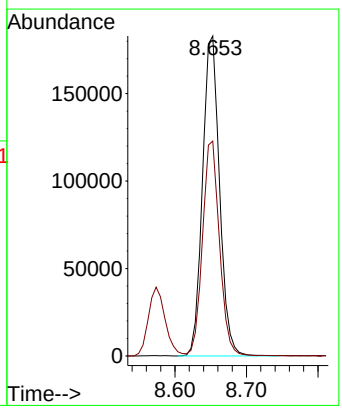


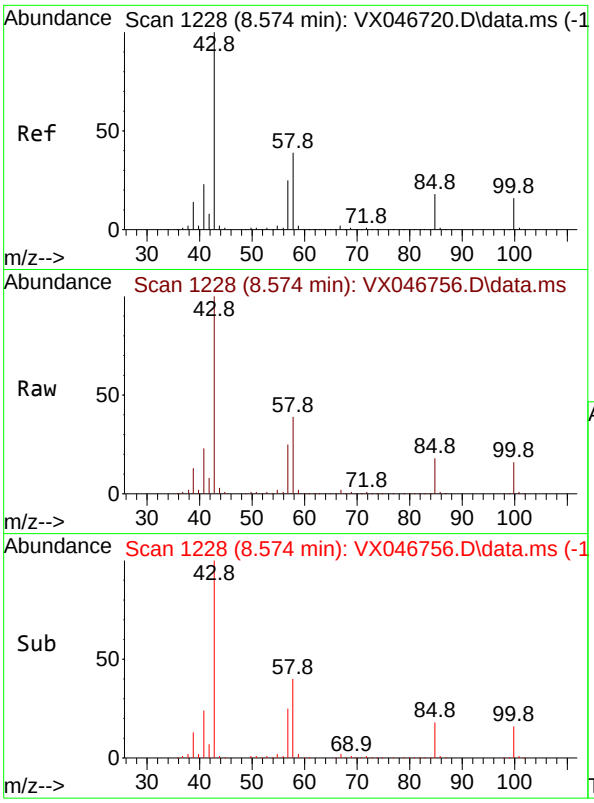


#50
Toluene-d8
Concen: 51.878 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 98 Resp: 302526

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

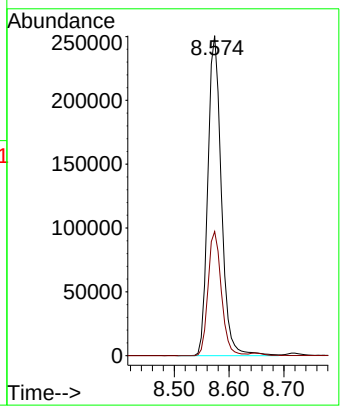




#51
4-Methyl-2-Pentanone
Concen: 211.334 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 43 Resp: 42657

Ion	Ratio	Lower	Upper
43	100		
58	38.4	30.8	46.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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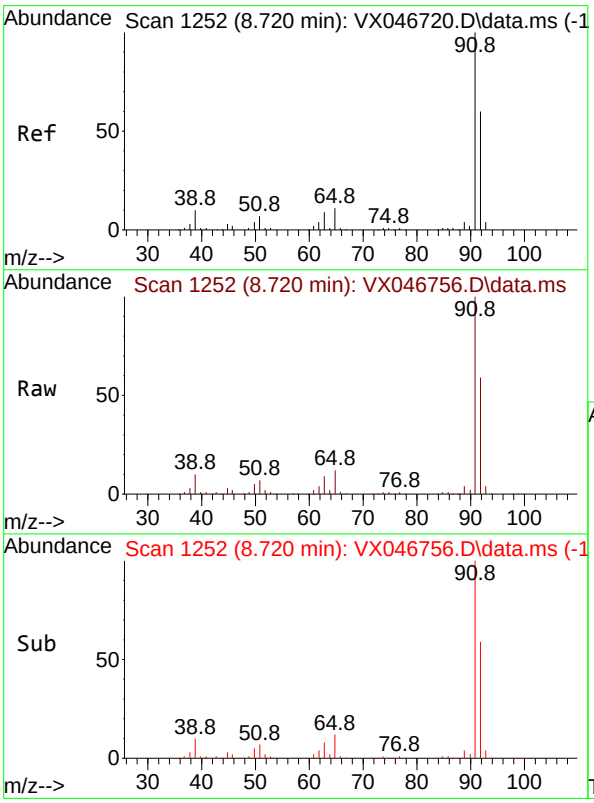
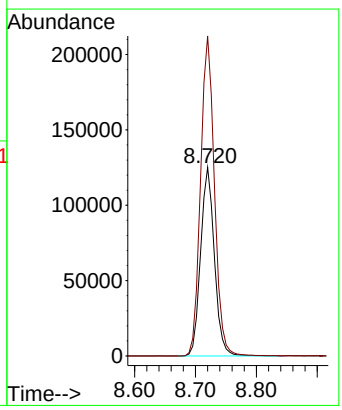
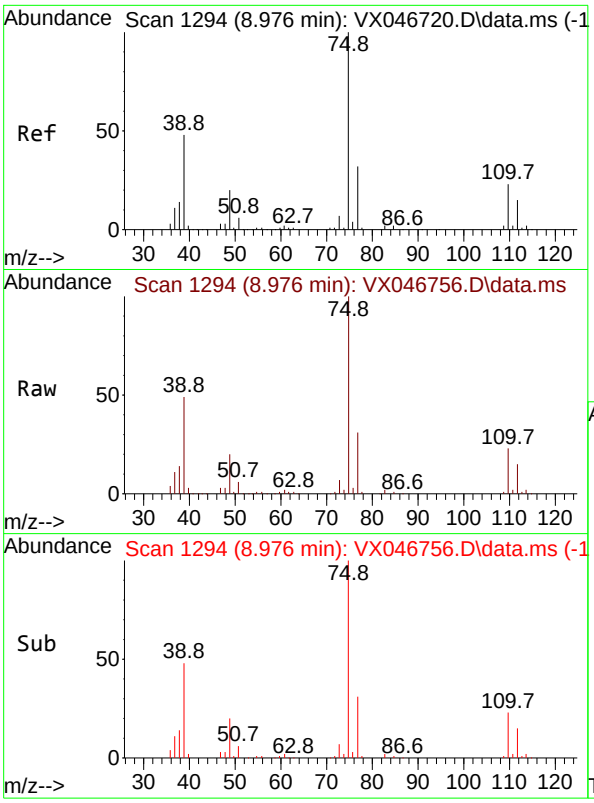


#52
Toluene
Concen: 45.706 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 92 Resp: 196480

Ion	Ratio	Lower	Upper
92	100		
91	171.2	134.8	202.2

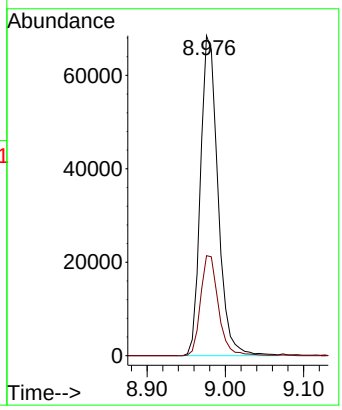




#53
t-1,3-Dichloropropene
Concen: 45.294 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 75 Resp: 10592

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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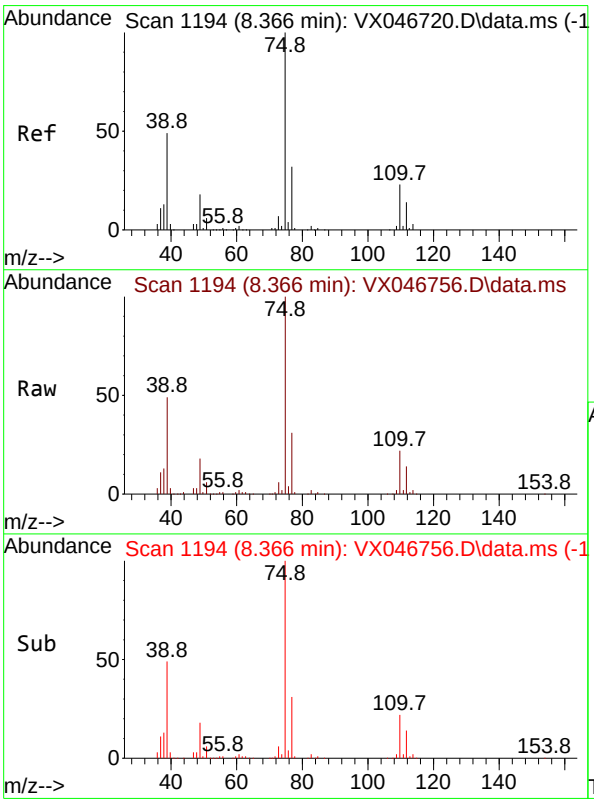
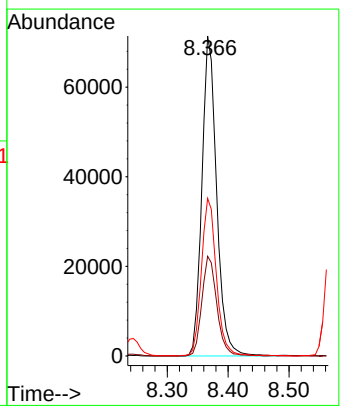
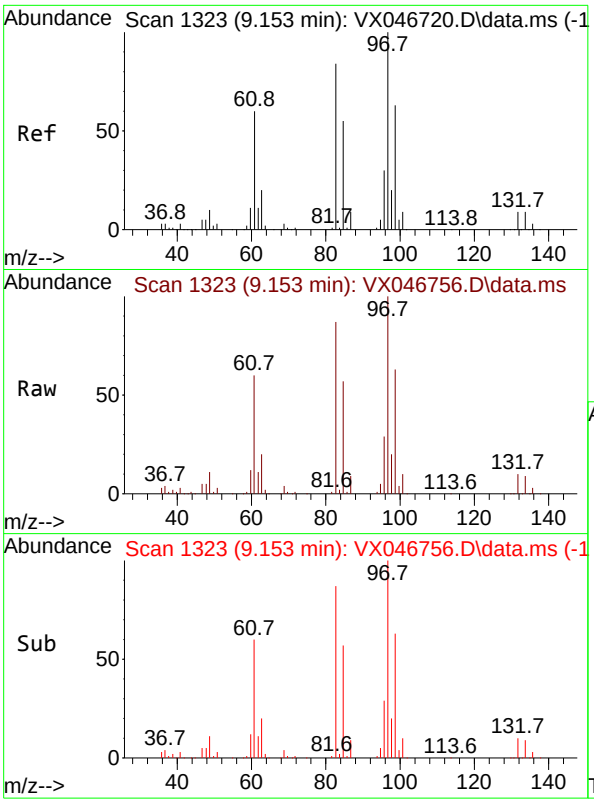


#54
cis-1,3-Dichloropropene
Concen: 45.205 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 75 Resp: 120007

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.3	37.9
39	49.2	39.2	58.8

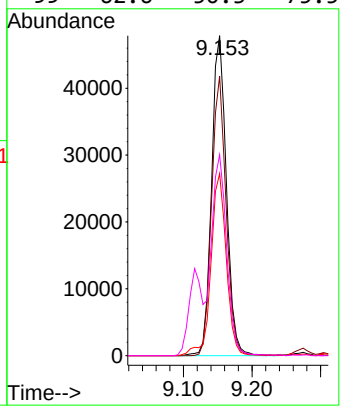




#55
1,1,2-Trichloroethane
Concen: 44.953 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 97 Resp: 7201

Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.2	100.8
85	56.9	44.1	66.1
99	62.6	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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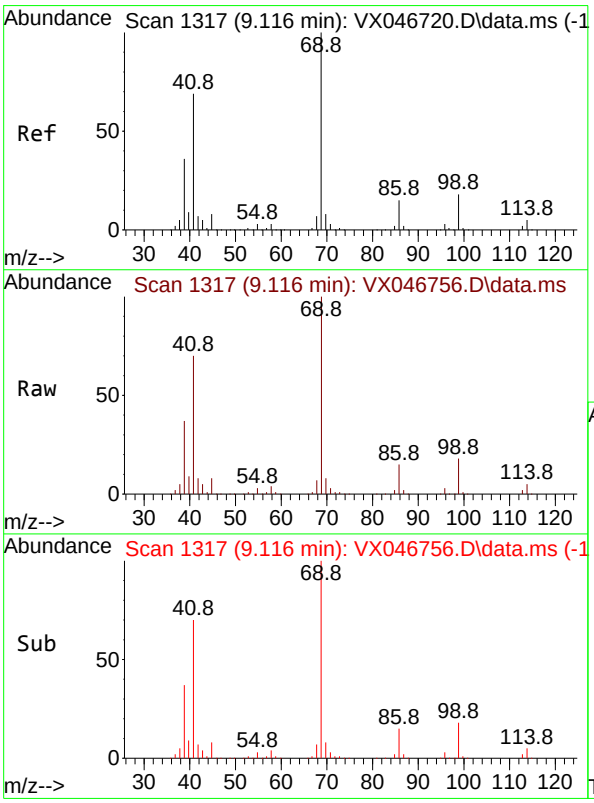
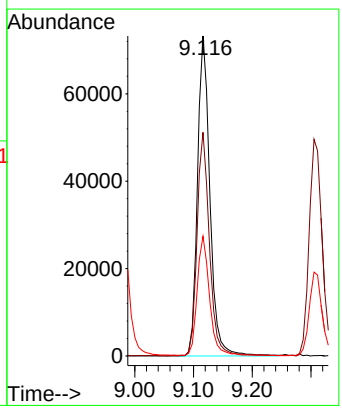
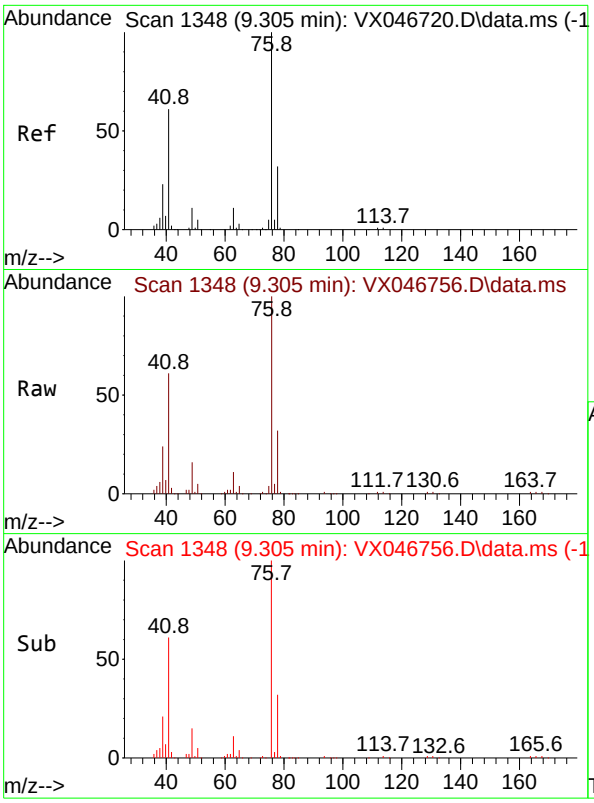


#56
Ethyl methacrylate
Concen: 45.449 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 69 Resp: 107478

Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	36.8	29.7	44.5

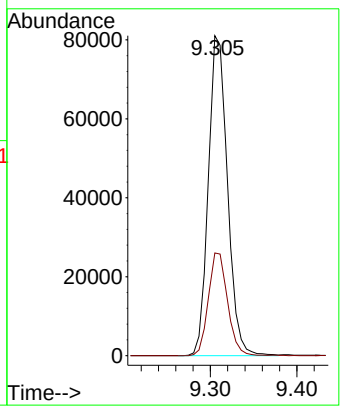




#57
1,3-Dichloropropane
Concen: 45.123 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 76 Resp: 12448

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.7	38.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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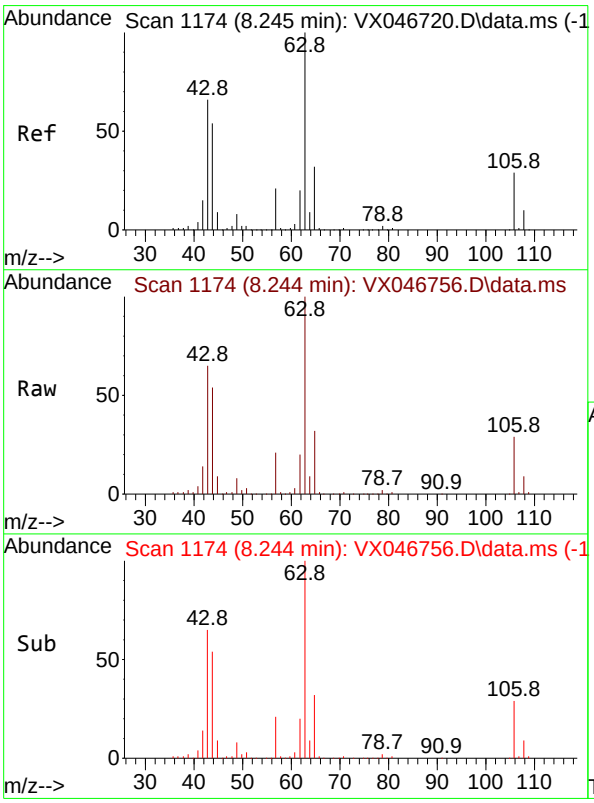
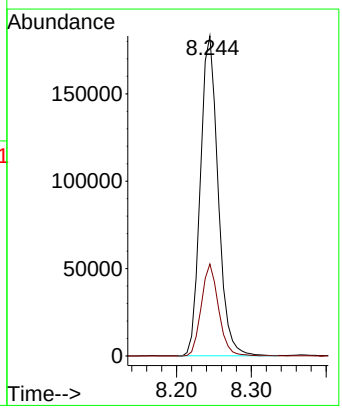
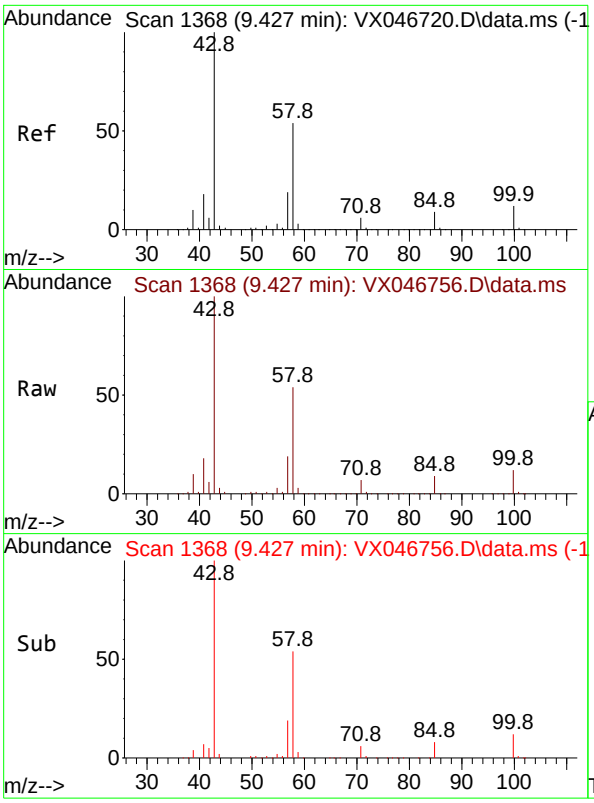


#58
2-Chloroethyl Vinyl ether
Concen: 245.221 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 63 Resp: 301235

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.6	34.0





#59
2-Hexanone
Concen: 208.701 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 43 Resp: 29123

Ion	Ratio	Lower	Upper
43	100		
58	53.8	26.8	80.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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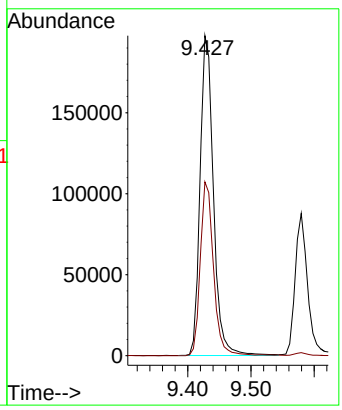
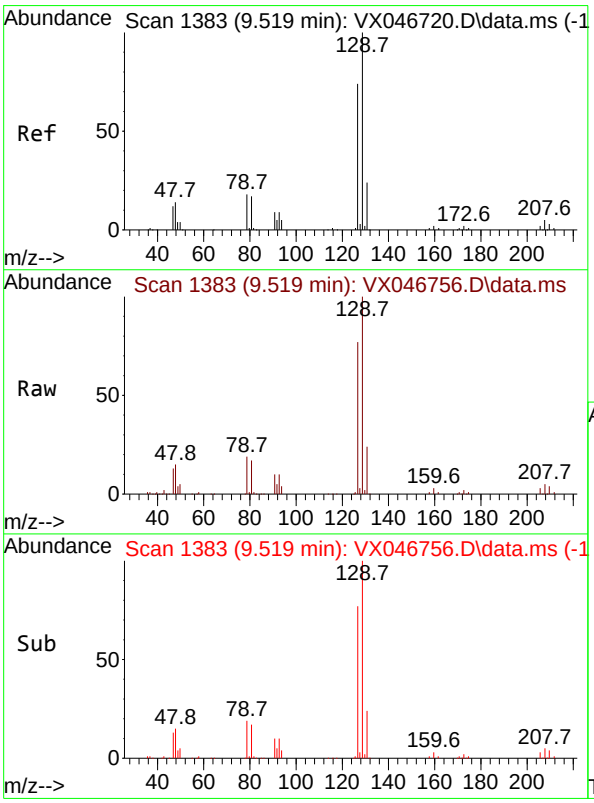
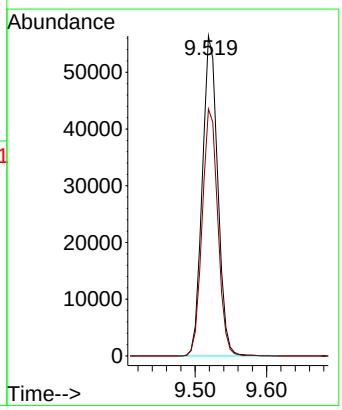


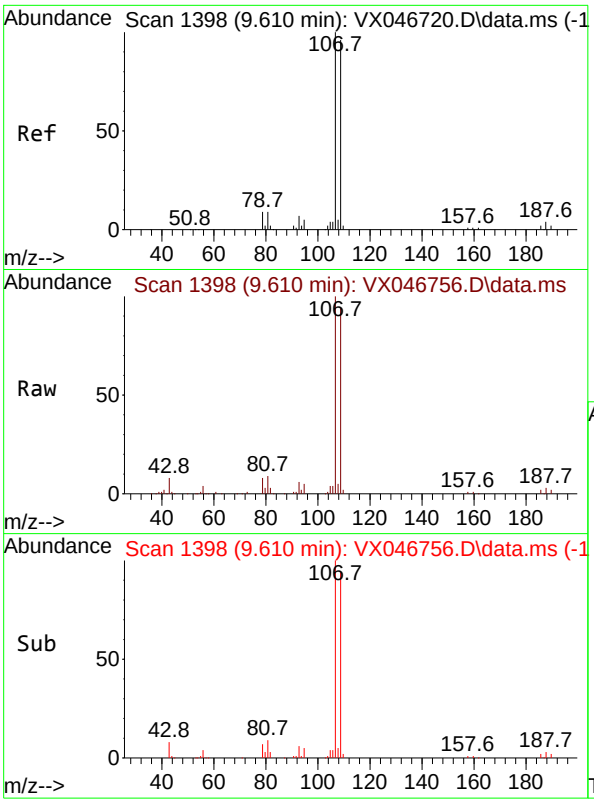


#60
Dibromochloromethane
Concen: 44.810 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:129 Resp: 84597

Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.4	115.2





#61
1,2-Dibromoethane
Concen: 45.493 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:107 Resp: 7413

Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.8	113.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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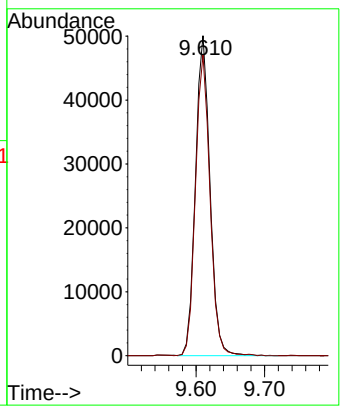
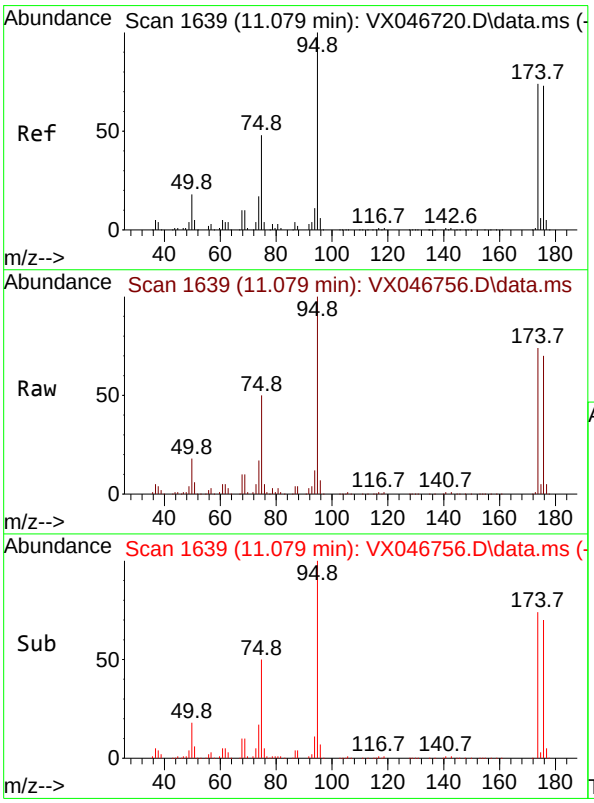
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

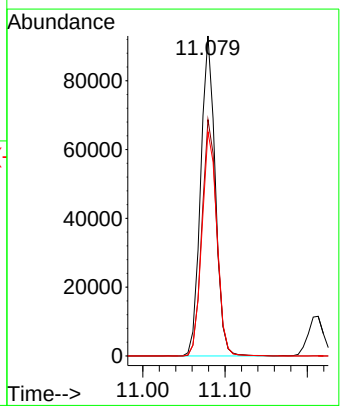


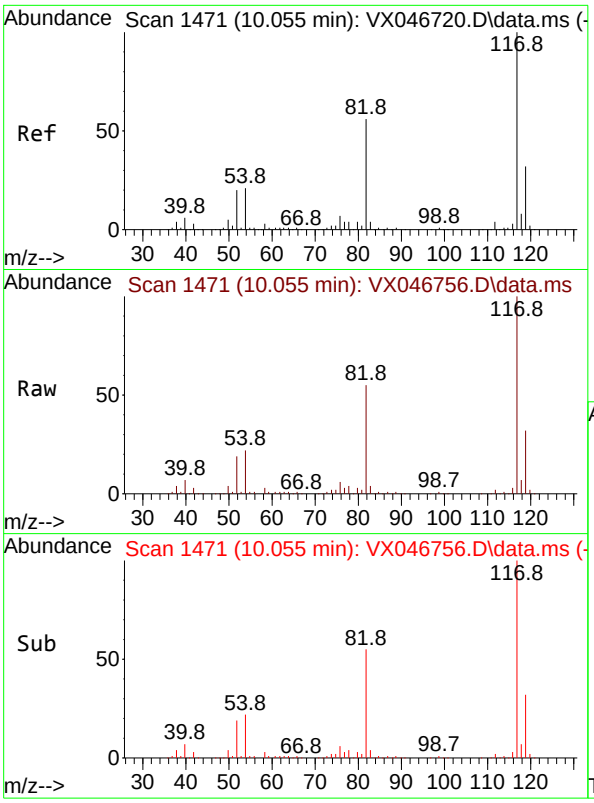


#62
4-Bromofluorobenzene
Concen: 52.773 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 95 Resp: 114717

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	150.4
176	72.3	0.0	145.0

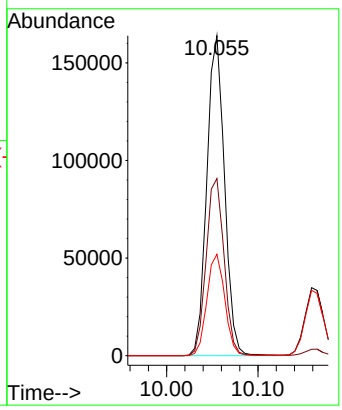




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:117 Resp: 21951

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.6	66.8
119	31.7	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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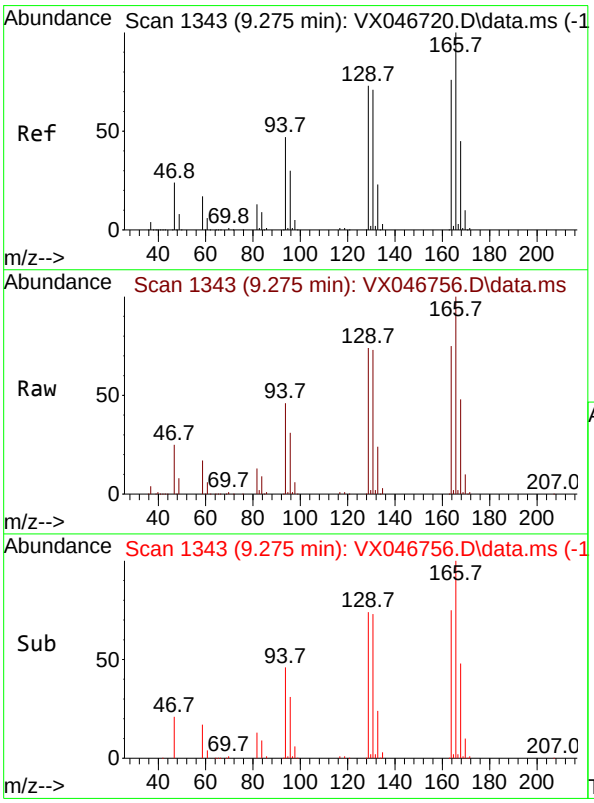
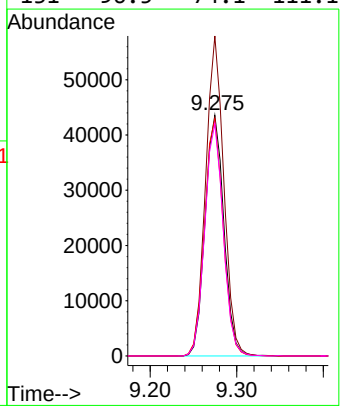
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

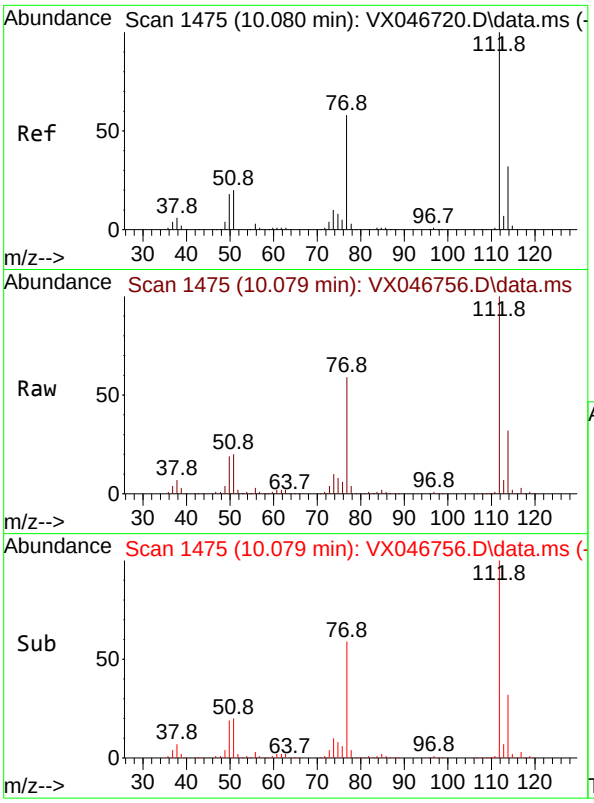


#64
Tetrachloroethene
Concen: 43.220 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:164 Resp: 65730

Ion	Ratio	Lower	Upper
164	100		
166	132.9	104.6	157.0
129	98.5	76.3	114.5
131	96.5	74.1	111.1

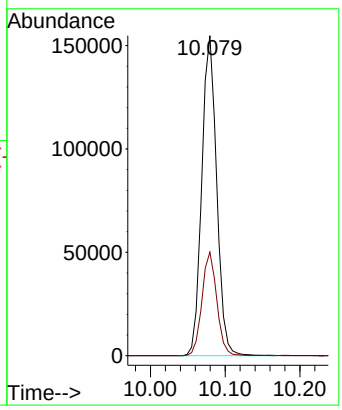




#65
Chlorobenzene
Concen: 44.211 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:112 Resp: 21423

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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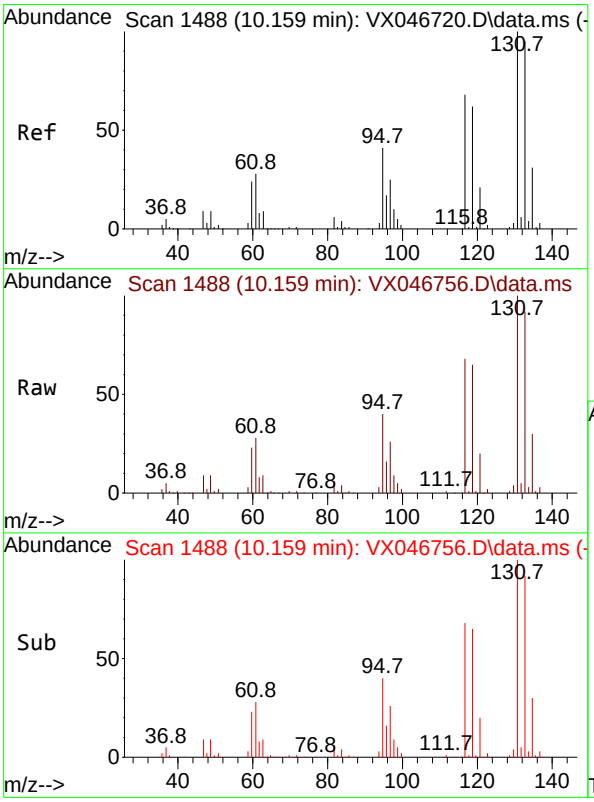
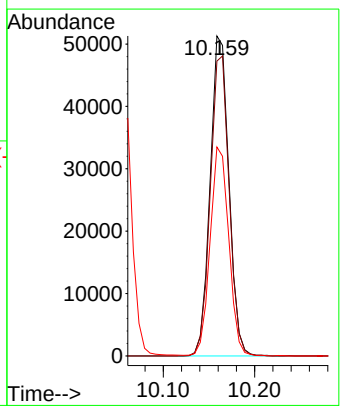
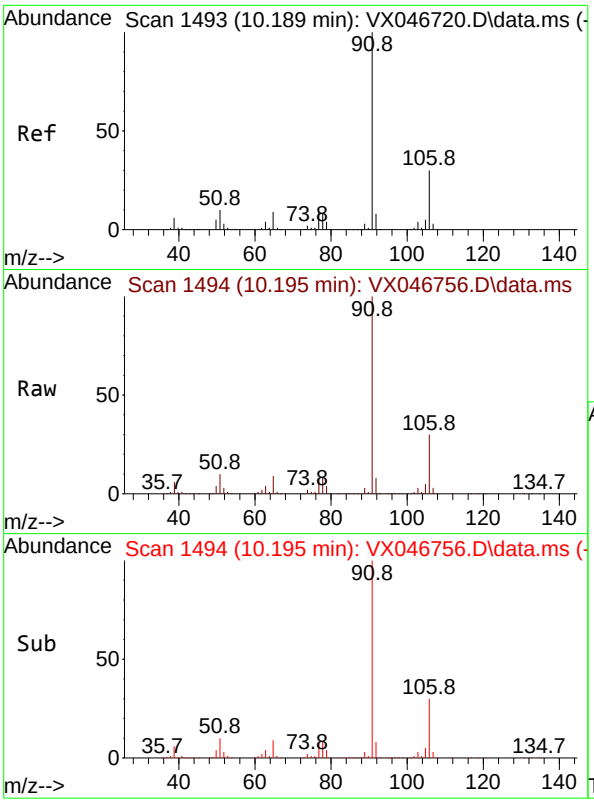


#66
1,1,1,2-Tetrachloroethane
Concen: 44.807 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:131 Resp: 72969

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	65.3	32.1	96.3





#67
Ethyl Benzene
Concen: 44.751 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 91 Resp: 37888

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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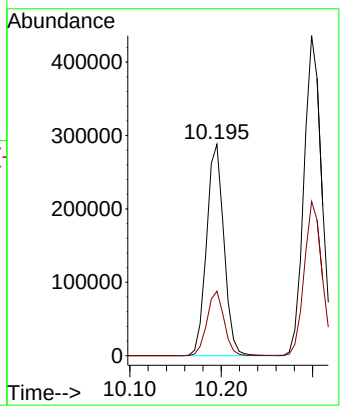
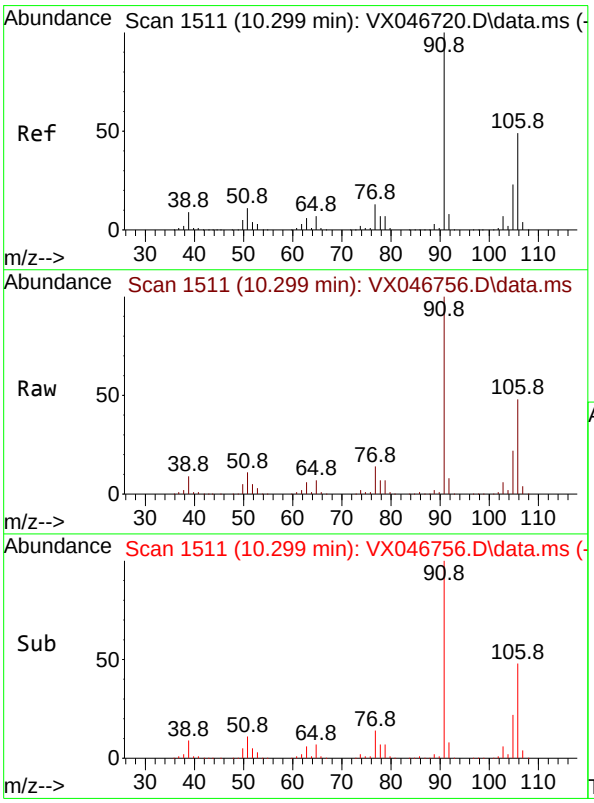
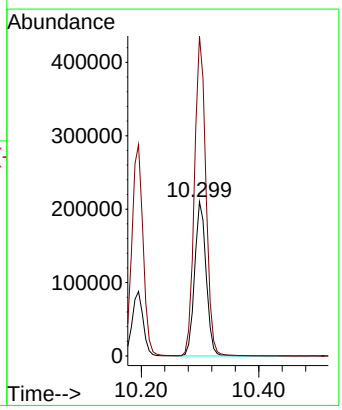


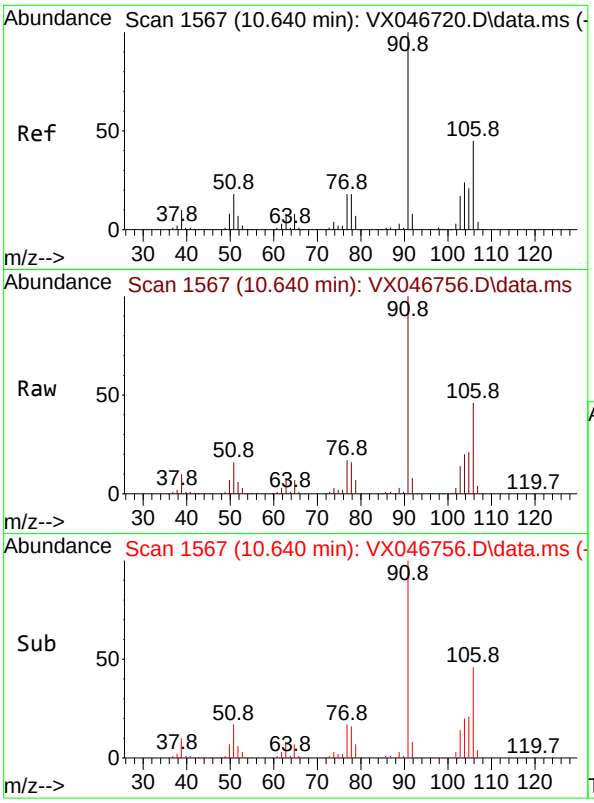


#68
m/p-Xylenes
Concen: 90.331 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:106 Resp: 284969

Ion	Ratio	Lower	Upper
106	100		
91	206.8	164.8	247.2





#69
o-Xylene
Concen: 46.579 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:106 Resp: 13771

Ion	Ratio	Lower	Upper
106	100		
91	216.6	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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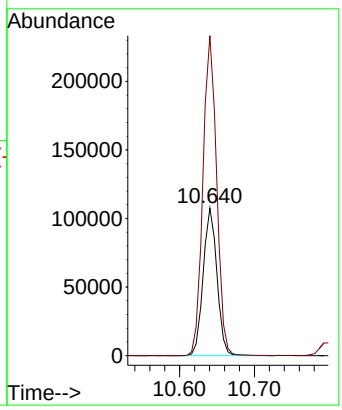
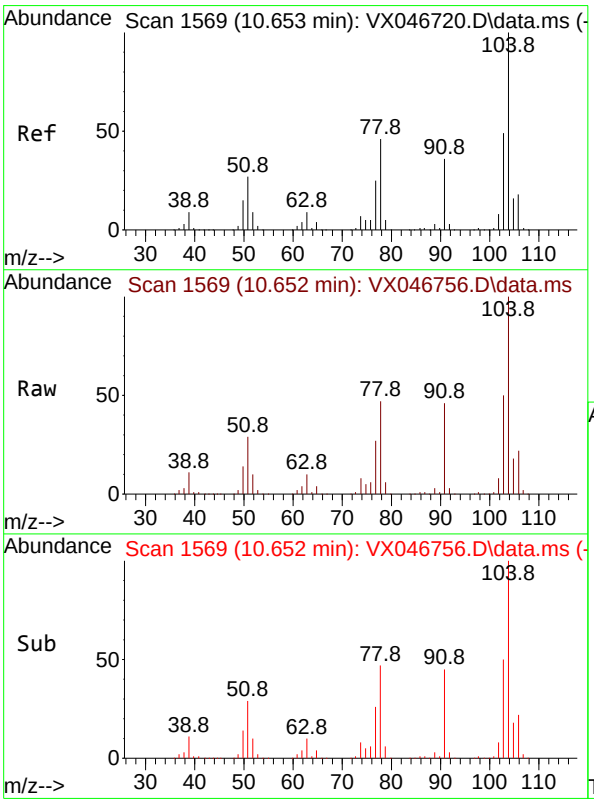
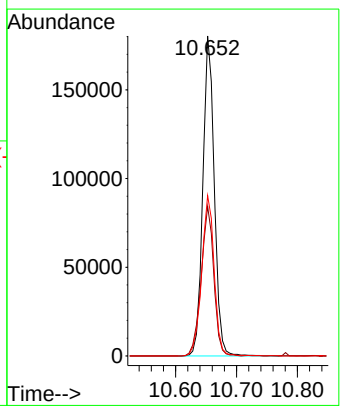


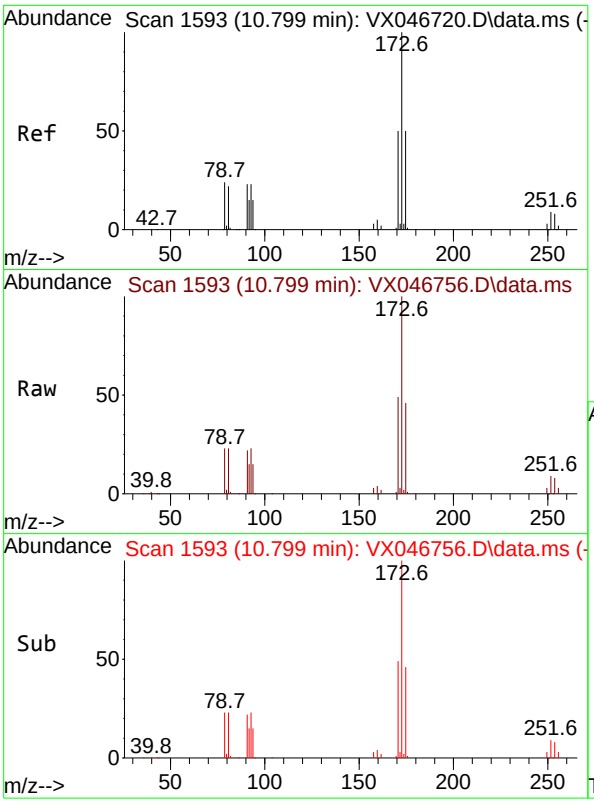


#70
Styrene
Concen: 45.677 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:104 Resp: 236334

Ion	Ratio	Lower	Upper
104	100		
78	51.5	41.4	62.2
103	54.5	43.1	64.7

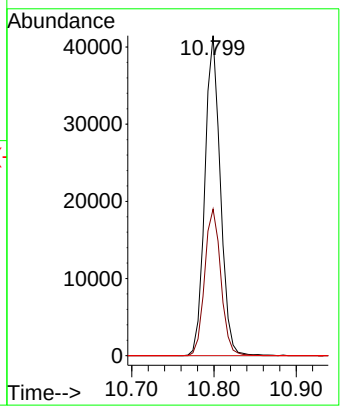




#71
Bromoform
Concen: 43.738 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:173 Resp: 5424

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.1	72.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 06/19/2025
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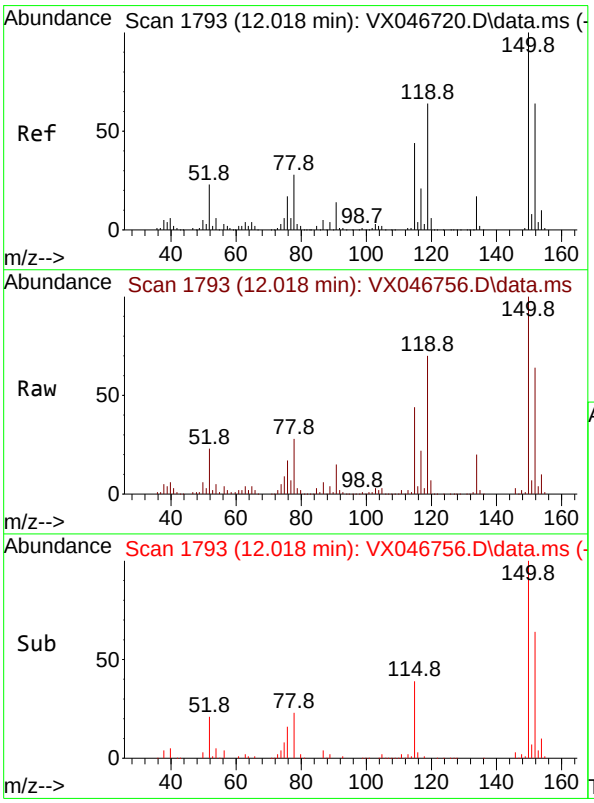
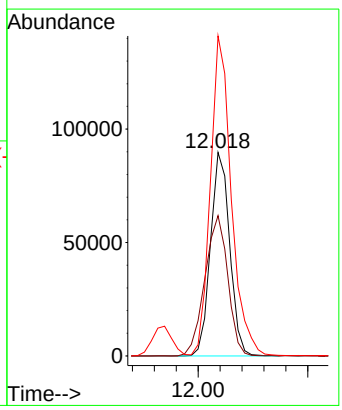
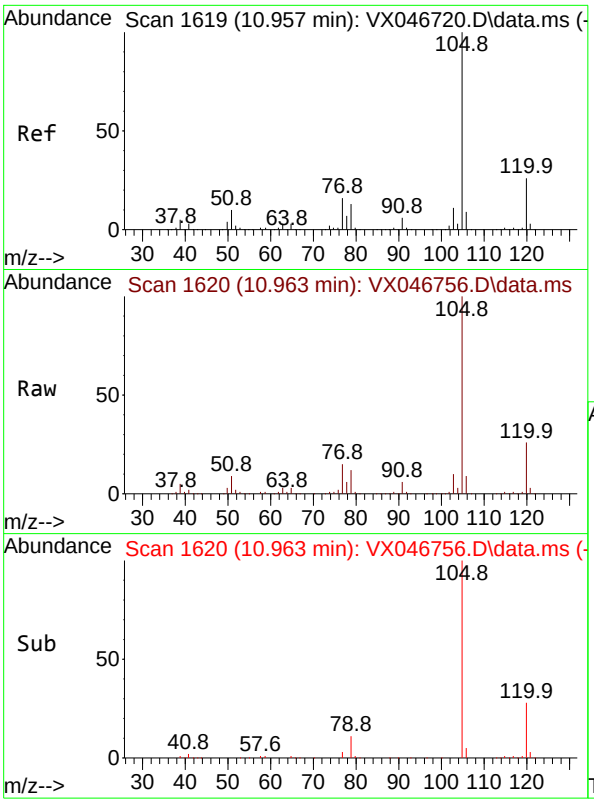


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:152 Resp: 108993

Ion	Ratio	Lower	Upper
152	100		
115	82.4	43.2	129.6
150	172.0	0.0	346.8





#73
Isopropylbenzene
Concen: 45.390 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:105 Resp: 36436

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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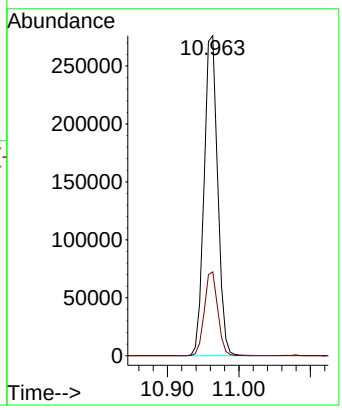
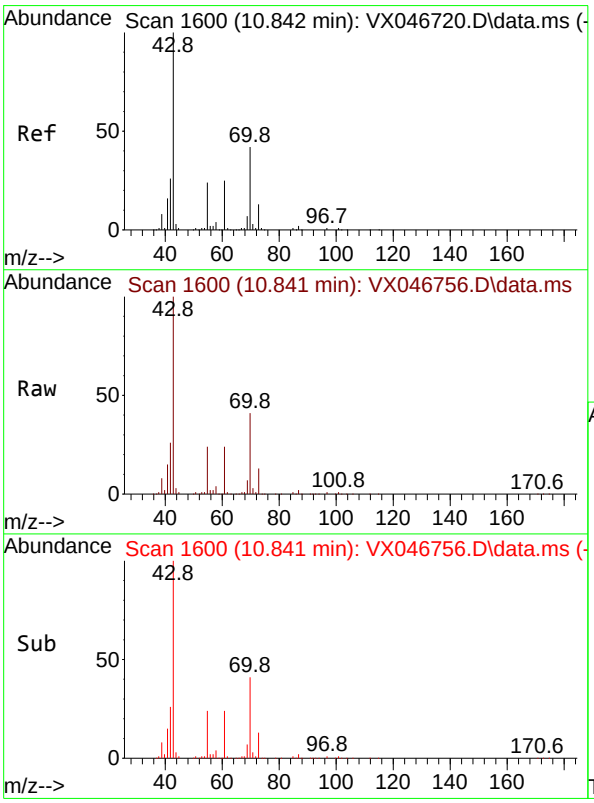
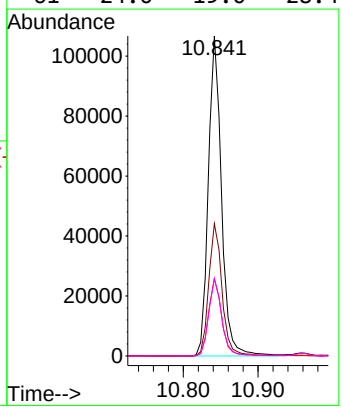


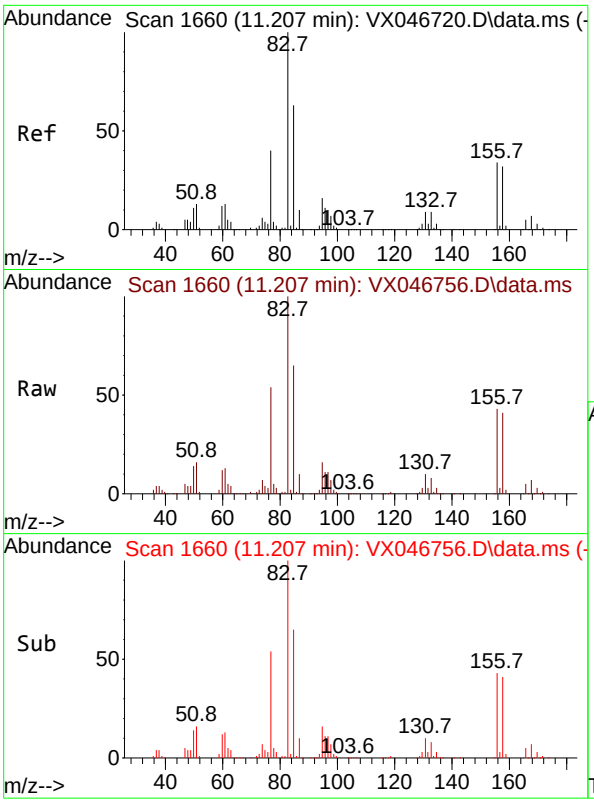


#74
N-amyl acetate
Concen: 42.930 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 43 Resp: 130567

Ion	Ratio	Lower	Upper
43	100		
70	42.1	33.4	50.0
55	24.4	19.1	28.7
61	24.0	19.0	28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 43.460 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 83 Resp: 9741

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	64.3	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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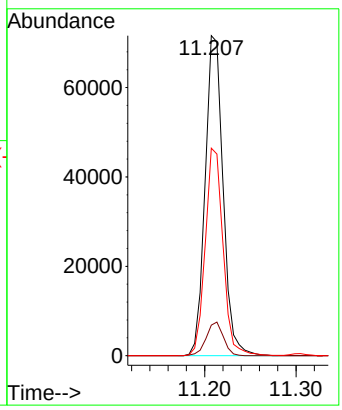
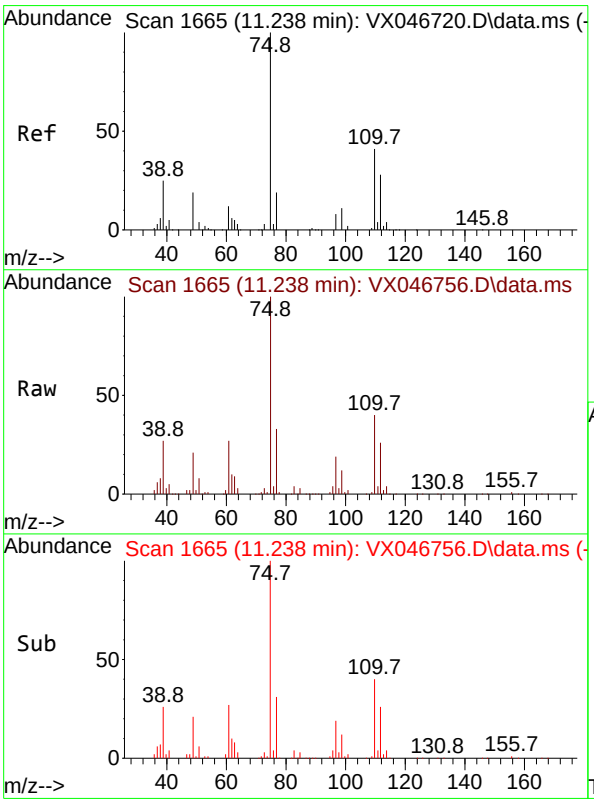
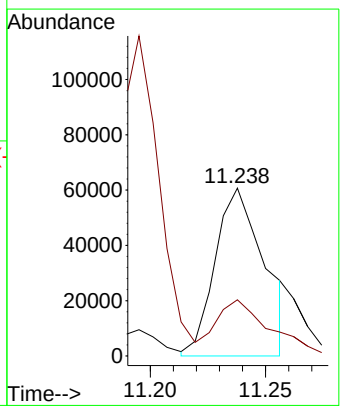


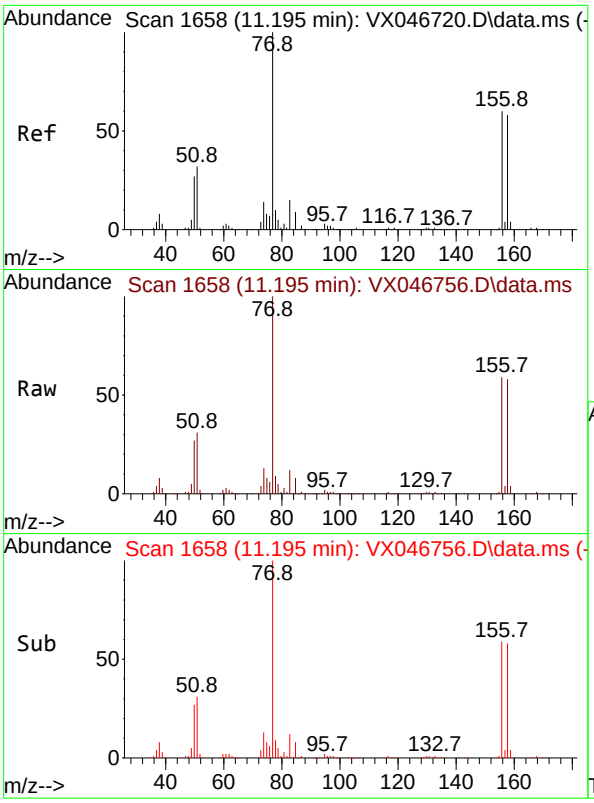


#76
1,2,3-Trichloropropane
Concen: 44.975 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 75 Resp: 89781

Ion	Ratio	Lower	Upper
75	100		
77	37.3	18.5	55.5

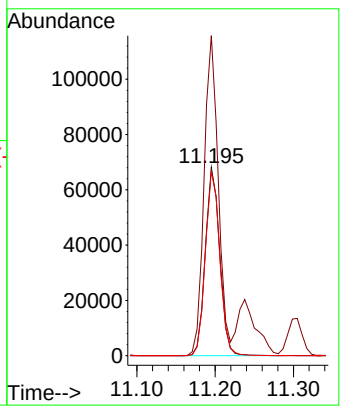




#77
Bromobenzene
Concen: 44.901 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:156 Resp: 8673

Ion	Ratio	Lower	Upper
156	100		
77	167.2	82.8	248.6
158	98.0	47.6	142.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 06/19/2025
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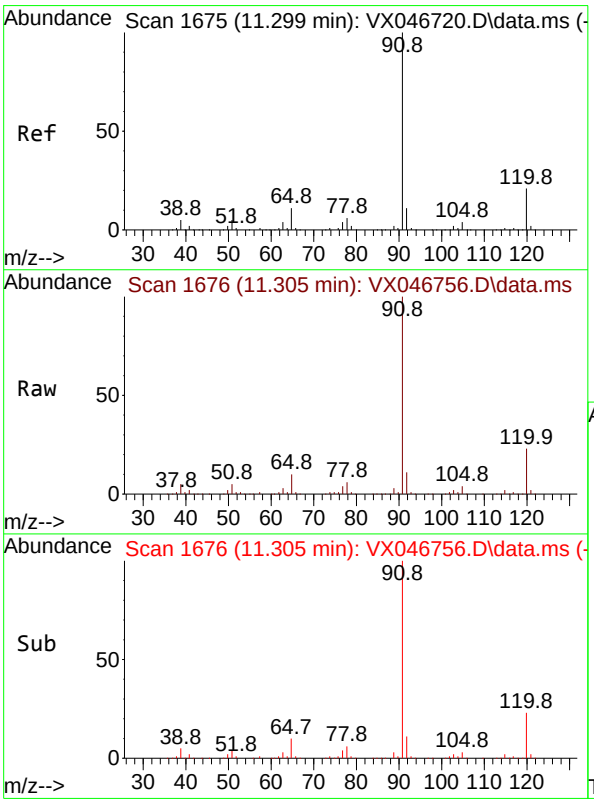
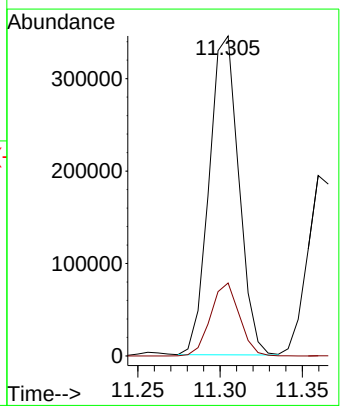
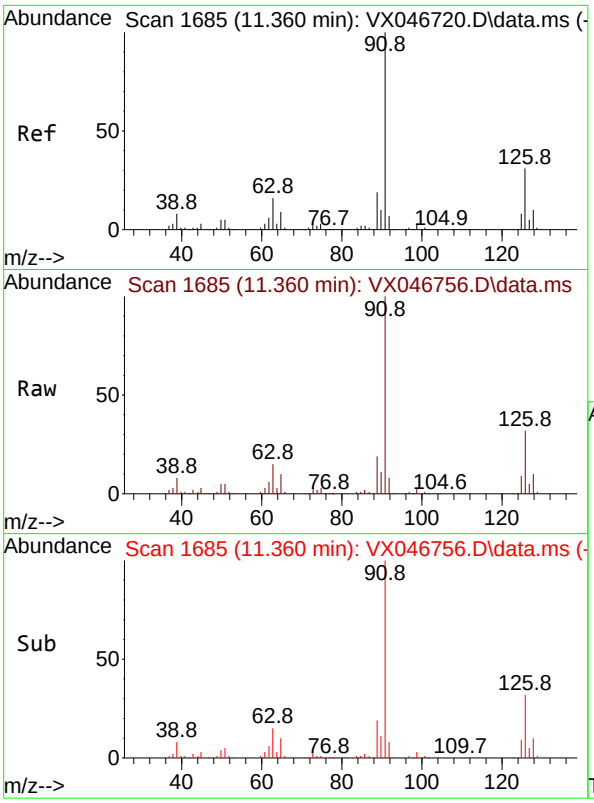


#78
n-propylbenzene
Concen: 45.483 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 91 Resp: 433663

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.4	34.1





#79
2-Chlorotoluene
Concen: 44.031 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

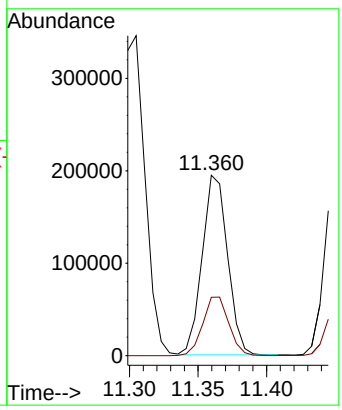
Tgt Ion: 91 Resp: 25065

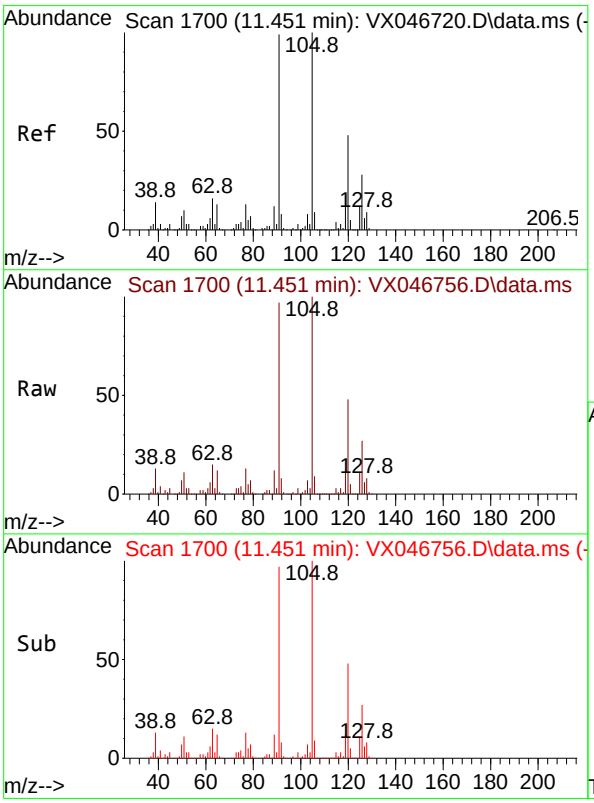
Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

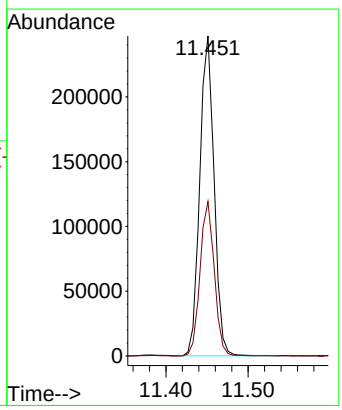


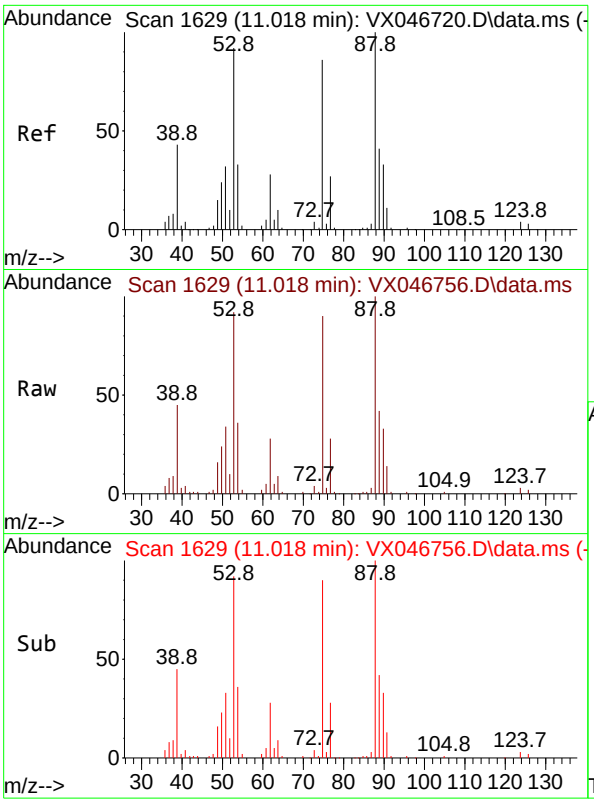


#80
1,3,5-Trimethylbenzene
Concen: 45.302 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:105 Resp: 298840

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 39.929 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

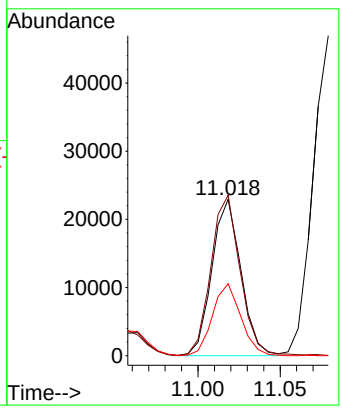
Tgt Ion: 75 Resp: 2819

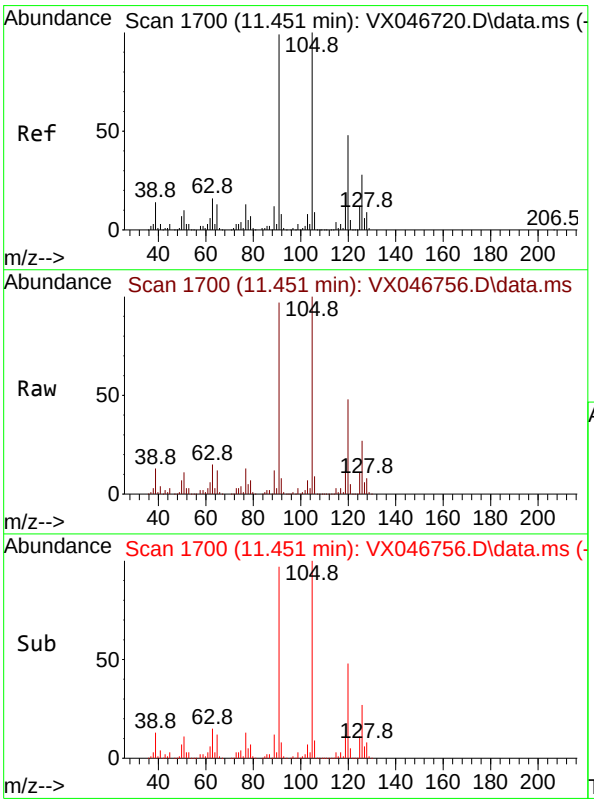
Ion	Ratio	Lower	Upper
75	100		
53	104.1	86.8	130.2
89	45.0	36.9	55.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

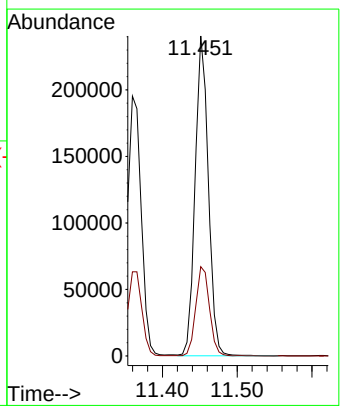


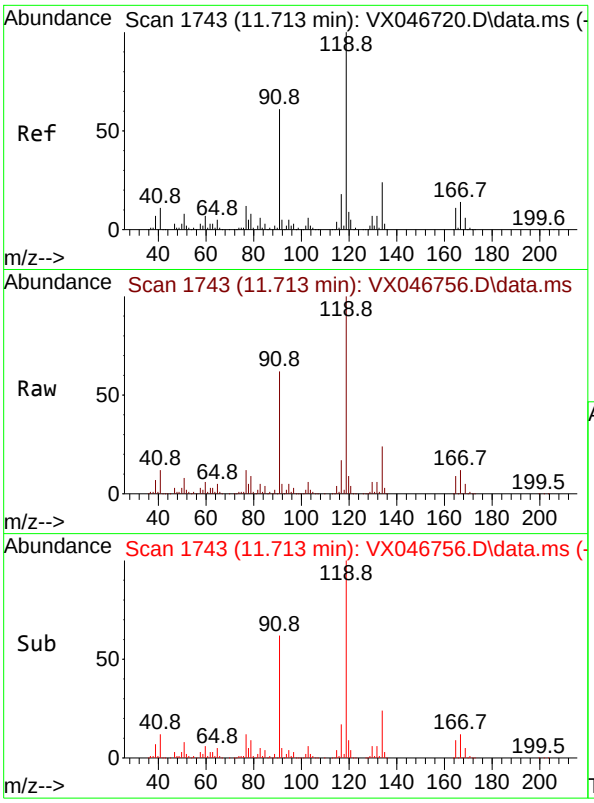


#82
4-Chlorotoluene
Concen: 44.330 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 91 Resp: 294514

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.4	43.2

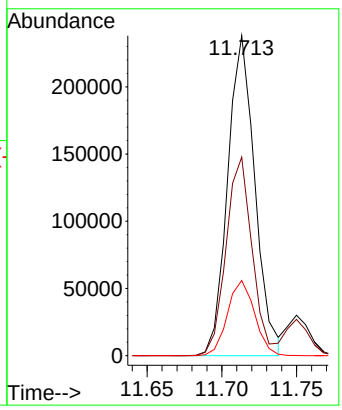




#83
tert-Butylbenzene
Concen: 44.204 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:119 Resp: 30141

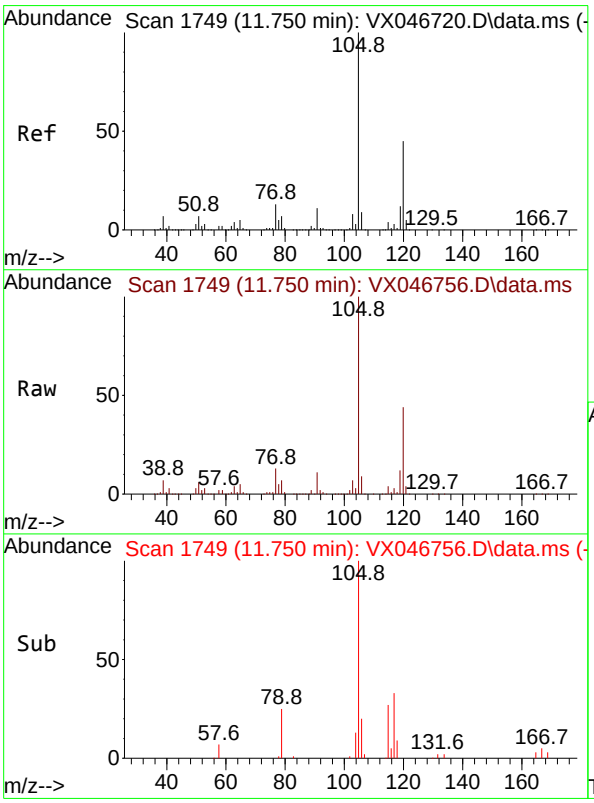
Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.5	88.6
134	23.4	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

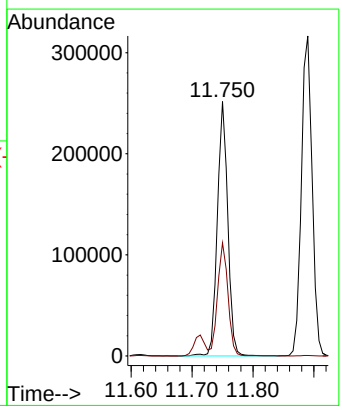
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

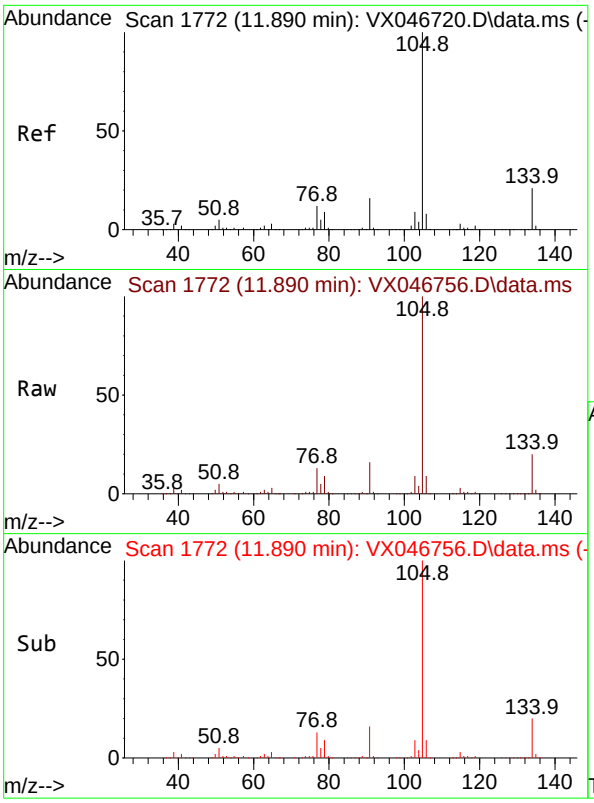


#84
1,2,4-Trimethylbenzene
Concen: 45.207 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:105 Resp: 299612

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.3

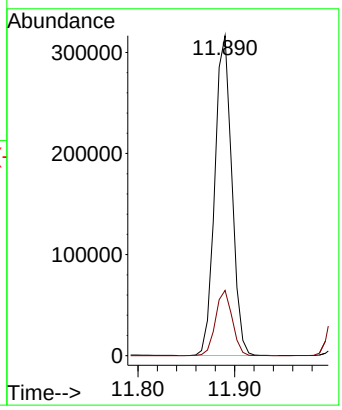




#85
sec-Butylbenzene
Concen: 44.812 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:105 Resp: 38617

Ion	Ratio	Lower	Upper
105	100		
134	20.2	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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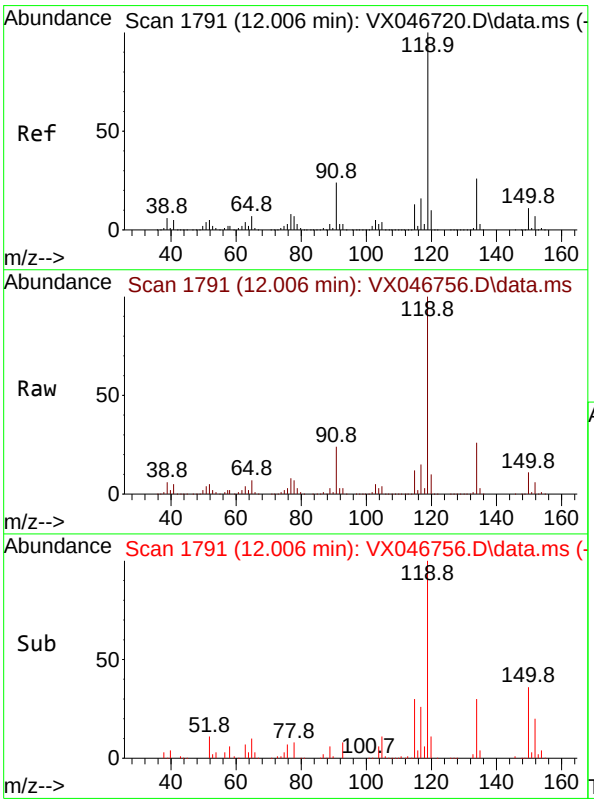
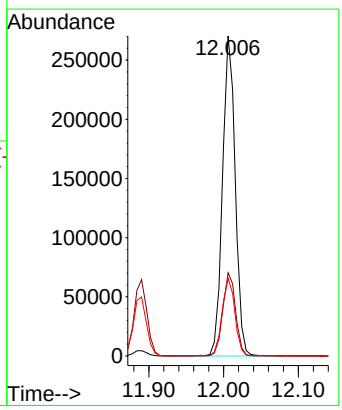
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

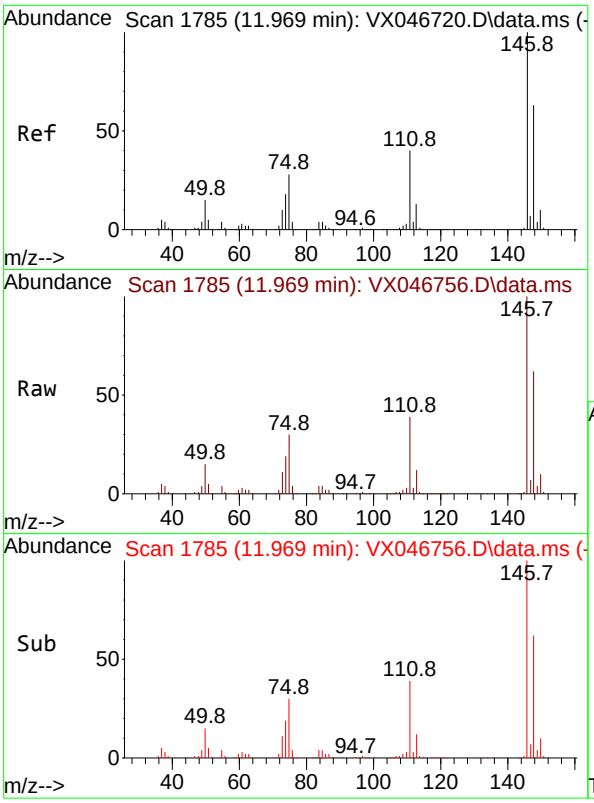


#86
p-Isopropyltoluene
Concen: 44.100 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:119 Resp: 320650

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	24.3	12.3	36.9

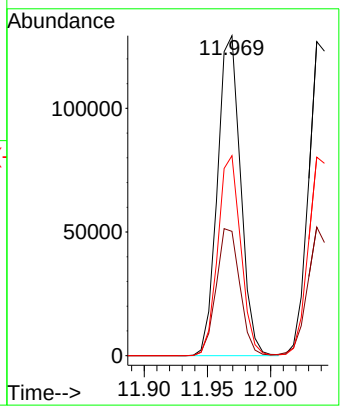




#87
1,3-Dichlorobenzene
Concen: 43.697 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:146 Resp: 16458

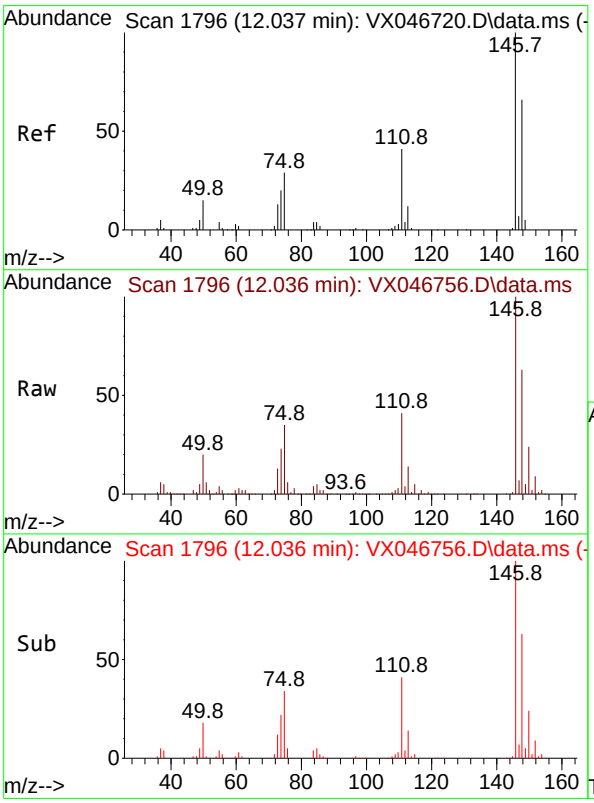
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	62.0	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

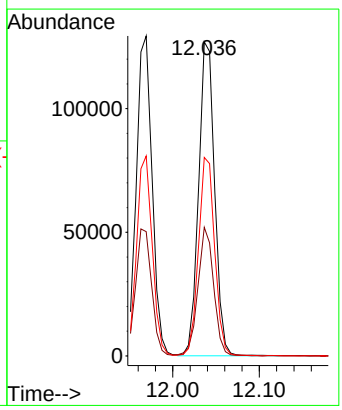
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

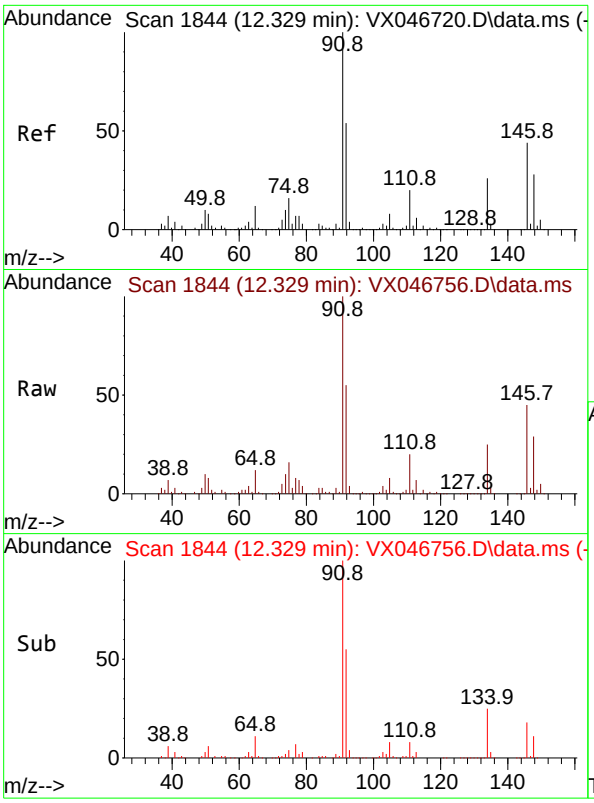


#88
1,4-Dichlorobenzene
Concen: 42.172 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:146 Resp: 163149

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	61.0
148	64.2	32.1	96.5

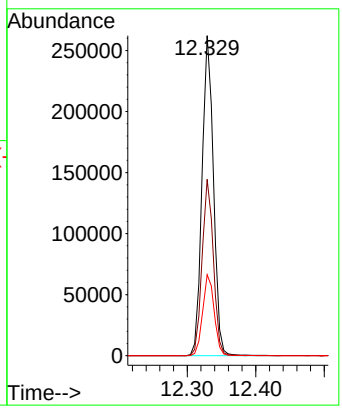




#89
n-Butylbenzene
Concen: 44.167 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 91 Resp: 30491

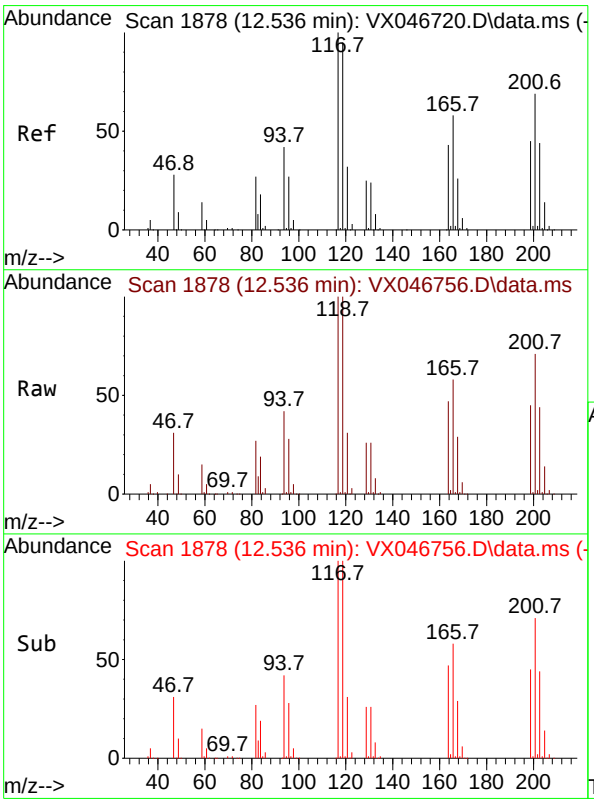
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.1	81.3
134	25.5	12.9	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

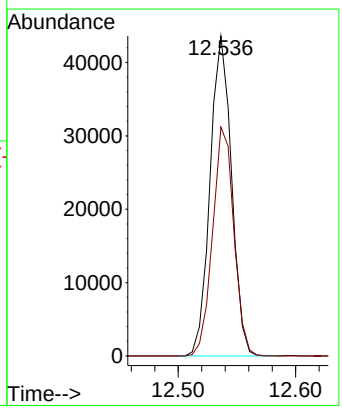
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

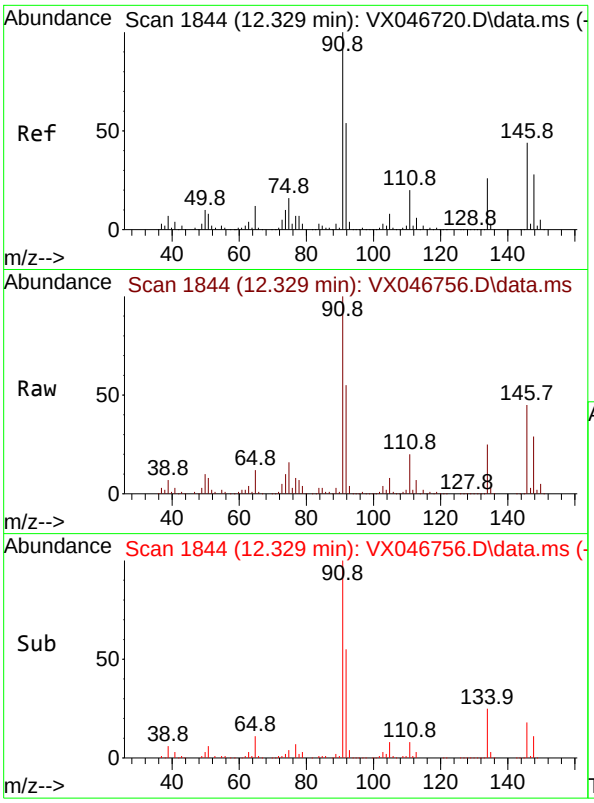


#90
Hexachloroethane
Concen: 43.401 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:117 Resp: 55261

Ion	Ratio	Lower	Upper
117	100		
201	71.1	34.4	103.3

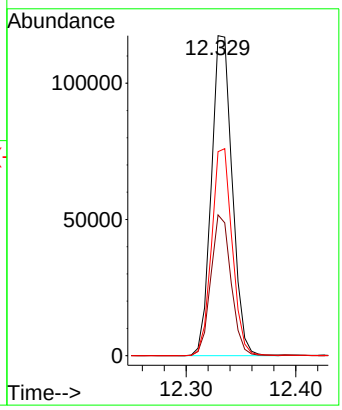




#91
1,2-Dichlorobenzene
Concen: 44.112 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:146 Resp: 15526

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.7	65.1
148	64.0	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
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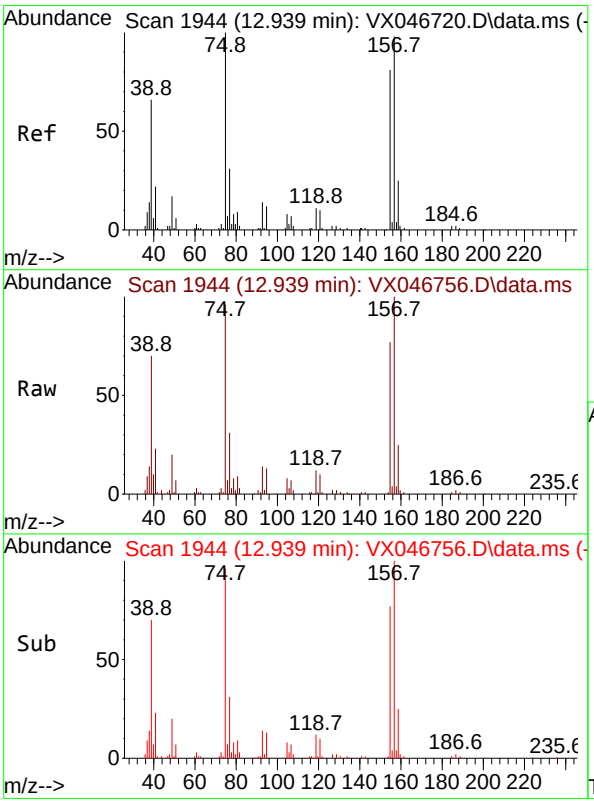
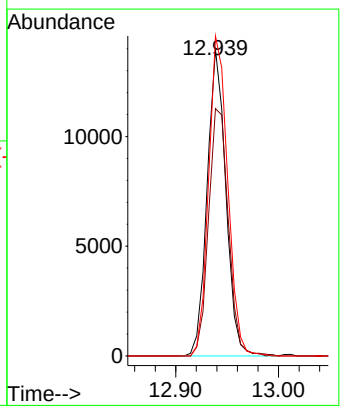
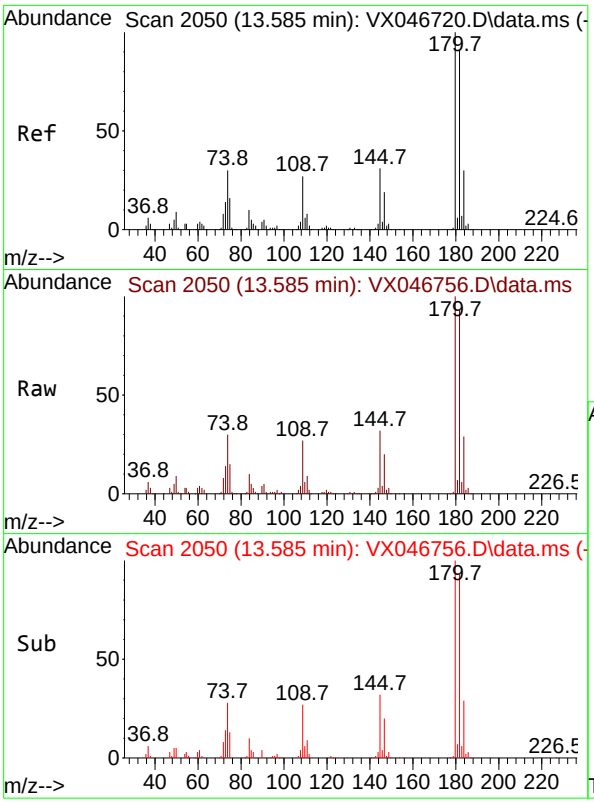


#92
1,2-Dibromo-3-Chloropropane
Concen: 39.972 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 75 Resp: 17688

Ion	Ratio	Lower	Upper
75	100		
155	85.2	41.9	125.7
157	106.6	51.4	154.3

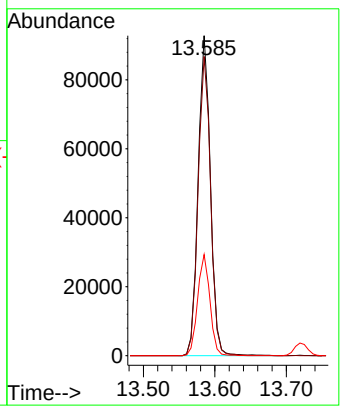




#93
1,2,4-Trichlorobenzene
Concen: 44.088 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:180 Resp: 11032

Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.7	140.1
145	31.6	15.8	47.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
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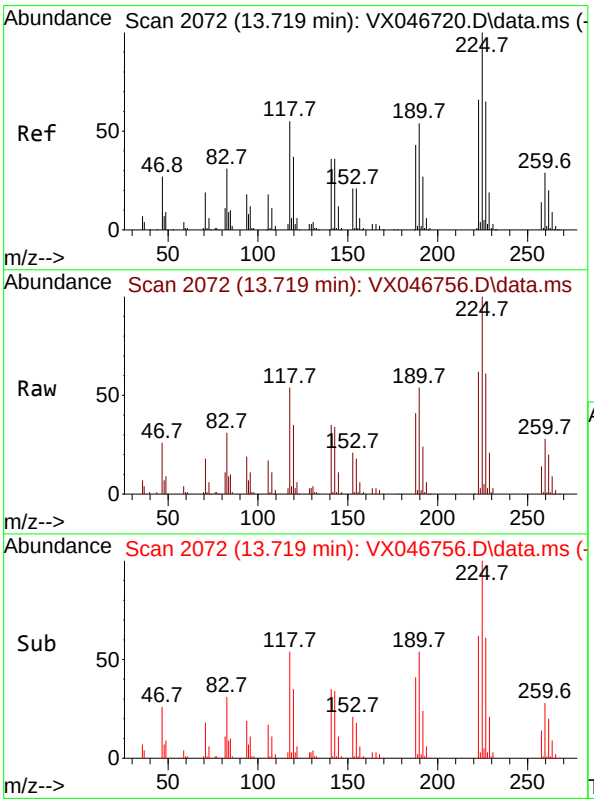
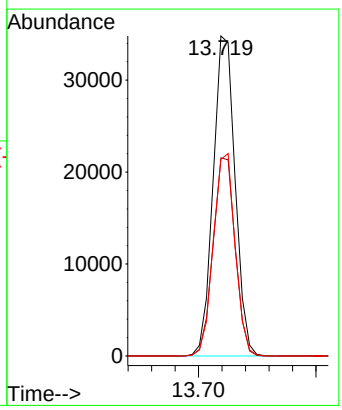
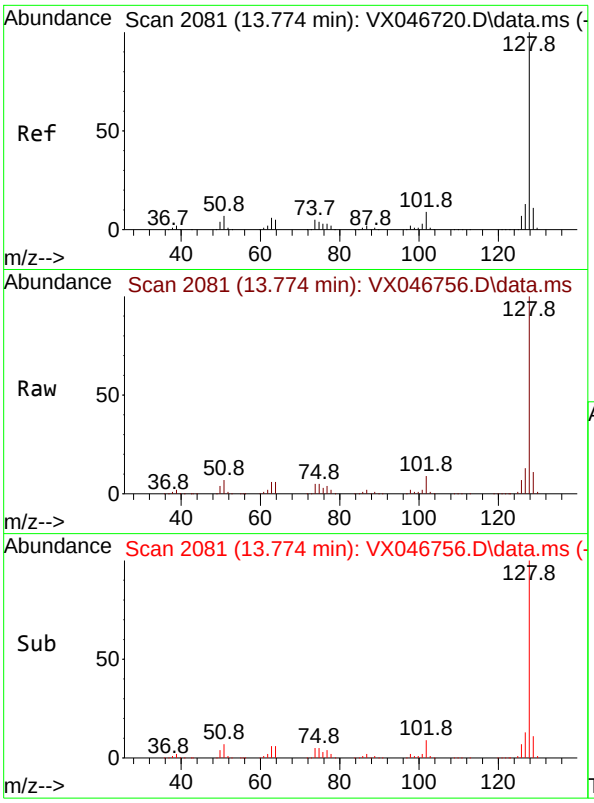


#94
Hexachlorobutadiene
Concen: 42.941 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:225 Resp: 45201

Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.5	97.5
227	62.7	32.2	96.6

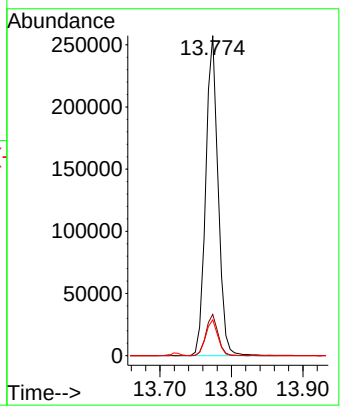




#95
Naphthalene
Concen: 43.429 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:128 Resp: 30961

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	11.1	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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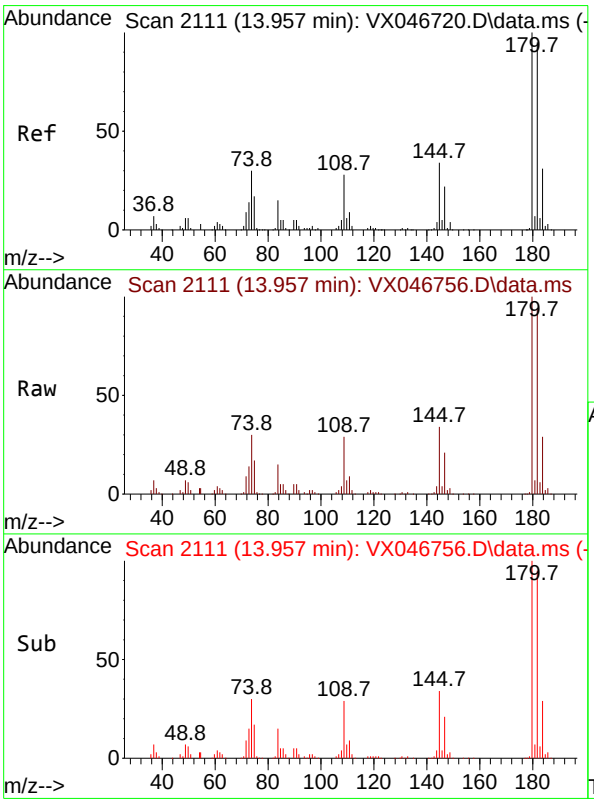
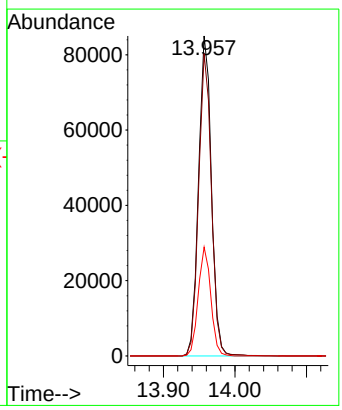


#96
1,2,3-Trichlorobenzene
Concen: 44.175 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:180 Resp: 105752

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.8	143.4
145	33.3	17.3	51.9



Sample Results: **VX046756.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	119	0.00
2	T	Dichlorodifluoromethane	0.534	0.495	7.3	101	0.00
3	P	Chloromethane	0.576	0.545	5.4	110	0.00
4	C	Vinyl Chloride	0.614	0.577	6.0#	108	0.00
5	T	Bromomethane	0.346	0.354	-2.3	114	0.00
6	T	Chloroethane	0.372	0.348	6.5	110	0.00
7	T	Trichlorofluoromethane	0.933	0.862	7.6	106	0.00
8	T	Diethyl Ether	0.320	0.303	5.3	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.572	0.515	10.0	107	0.00
10	T	Methyl Iodide	0.642	0.638	0.6	116	0.00
11	T	Tert butyl alcohol	0.062	0.042	32.3#	81	0.00
12	CM	1,1-Dichloroethene	0.552	0.517	6.3#	108	0.00
13	T	Acrolein	0.090	0.060	33.3#	82	0.00
14	T	Allyl chloride	1.001	0.898	10.3	107	0.00
15	T	Acrylonitrile	0.279	0.239	14.3	100	0.00
16	T	Acetone	0.231	0.176	23.8	96	0.00
17	T	Carbon Disulfide	1.668	1.433	14.1	107	0.00
18	T	Methyl Acetate	0.586	0.539	8.0	111	0.00
19	T	Methyl tert-butyl Ether	1.720	1.510	12.2	103	0.00
20	T	Methylene Chloride	0.641	0.573	10.6	112	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.539	8.8	109	0.00
22	T	Diisopropyl ether	1.923	1.820	5.4	110	0.00
23	T	Vinyl Acetate	1.529	1.393	8.9	104	0.00
24	P	1,1-Dichloroethane	1.092	1.005	8.0	110	0.00
25	T	2-Butanone	0.326	0.268	17.8	95	0.00
26	T	2,2-Dichloropropane	0.796	0.631	20.7	99	0.00
27	T	cis-1,2-Dichloroethene	0.694	0.632	8.9	110	0.00
28	T	Bromochloromethane	0.495	0.505	-2.0	124	0.00
29	T	Tetrahydrofuran	0.211	0.173	18.0	95	0.00
30	C	Chloroform	1.092	1.017	6.9#	109	0.00
31	T	Cyclohexane	1.036	0.922	11.0	109	0.00
32	T	1,1,1-Trichloroethane	0.958	0.867	9.5	108	0.00
33	S	1,2-Dichloroethane-d4	0.692	0.697	-0.7	128	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	120	0.00
35	S	Dibromofluoromethane	0.331	0.344	-3.9	129	0.00
36	T	1,1-Dichloropropene	0.478	0.427	10.7	107	0.00
37	T	Ethyl Acetate	0.441	0.344	22.0	96	0.00
38	T	Carbon Tetrachloride	0.518	0.455	12.2	106	0.00
39	T	Methylcyclohexane	0.628	0.546	13.1	104	0.00
40	TM	Benzene	1.413	1.295	8.4	110	0.00
41	T	Methacrylonitrile	0.235	0.216	8.1	109	0.00
42	TM	1,2-Dichloroethane	0.497	0.448	9.9	109	0.00
43	T	Isopropyl Acetate	0.690	0.592	14.2	99	0.00
44	TM	Trichloroethene	0.360	0.325	9.7	110	0.00
45	C	1,2-Dichloropropane	0.350	0.321	8.3#	111	0.00
46	T	Dibromomethane	0.252	0.223	11.5	107	0.00
47	T	Bromodichloromethane	0.514	0.475	7.6	109	0.00
48	T	Methyl methacrylate	0.346	0.311	10.1	101	0.00

Sample Results: **VX046756.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	87	0.00
50	S	Toluene-d8	1.189	1.233	-3.7	129	0.00
51	T	4-Methyl-2-Pentanone	0.411	0.348	15.3	98	0.00
52	CM	Toluene	0.876	0.801	8.6#	108	0.00
53	T	t-1,3-Dichloropropene	0.477	0.432	9.4	106	0.00
54	T	cis-1,3-Dichloropropene	0.541	0.489	9.6	107	0.00
55	T	1,1,2-Trichloroethane	0.327	0.294	10.1	108	0.00
56	T	Ethyl methacrylate	0.482	0.438	9.1	104	0.00
57	T	1,3-Dichloropropane	0.562	0.507	9.8	108	0.00
58	T	2-Chloroethyl Vinyl ether	0.250	0.246	1.6	105	0.00
59	T	2-Hexanone	0.284	0.237	16.5	96	0.00
60	T	Dibromochloromethane	0.385	0.345	10.4	107	0.00
61	T	1,2-Dibromoethane	0.332	0.302	9.0	108	0.00
62	S	4-Bromofluorobenzene	0.443	0.468	-5.6	132	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	122	0.00
64	T	Tetrachloroethene	0.346	0.299	13.6	108	0.00
65	PM	Chlorobenzene	1.104	0.976	11.6	109	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.332	10.5	109	0.00
67	C	Ethyl Benzene	1.929	1.726	10.5#	109	0.00
68	T	m/p-Xylenes	0.719	0.649	9.7	110	0.00
69	T	o-Xylene	0.673	0.627	6.8	111	0.00
70	T	Styrene	1.179	1.077	8.7	109	0.00
71	P	Bromoform	0.282	0.247	12.4	105	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	122	0.00
73	T	Isopropylbenzene	3.682	3.343	9.2	110	0.00
74	T	N-amyl acetate	1.395	1.198	14.1	100	0.00
75	P	1,1,2,2-Tetrachloroethane	1.028	0.894	13.0	105	0.00
76	T	1,2,3-Trichloropropane	0.916	0.824	10.0	102	0.00
77	T	Bromobenzene	0.886	0.796	10.2	109	0.00
78	T	n-propylbenzene	4.374	3.979	9.0	110	0.00
79	T	2-Chlorotoluene	2.611	2.300	11.9	109	0.00
80	T	1,3,5-Trimethylbenzene	3.026	2.742	9.4	109	0.00
81	T	trans-1,4-Dichloro-2-butene	0.324	0.259	20.1	102	0.00
82	T	4-Chlorotoluene	3.048	2.702	11.4	109	0.00
83	T	tert-Butylbenzene	3.128	2.765	11.6	108	0.00
84	T	1,2,4-Trimethylbenzene	3.040	2.749	9.6	110	0.00
85	T	sec-Butylbenzene	3.953	3.543	10.4	108	0.00
86	T	p-Isopropyltoluene	3.336	2.942	11.8	108	0.00
87	T	1,3-Dichlorobenzene	1.728	1.510	12.6	110	0.00
88	T	1,4-Dichlorobenzene	1.775	1.497	15.7	111	0.00
89	T	n-Butylbenzene	3.167	2.798	11.7	109	0.00
90	T	Hexachloroethane	0.584	0.507	13.2	106	0.00
91	T	1,2-Dichlorobenzene	1.615	1.425	11.8	110	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.203	0.162	20.2	94	0.00
93	T	1,2,4-Trichlorobenzene	1.148	1.012	11.8	110	0.00
94	T	Hexachlorobutadiene	0.483	0.415	14.1	106	0.00
95	T	Naphthalene	3.270	2.841	13.1	104	0.00

Sample Results: **VX046756.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	1.098	0.970	11.7	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Sample Results: **VX046756.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	119	0.00
2	T	Dichlorodifluoromethane	50.000	46.406	7.2	101	0.00
3	P	Chloromethane	50.000	47.322	5.4	110	0.00
4	C	Vinyl Chloride	50.000	46.917	6.2#	108	0.00
5	T	Bromomethane	50.000	51.222	-2.4	114	0.00
6	T	Chloroethane	50.000	46.730	6.5	110	0.00
7	T	Trichlorofluoromethane	50.000	46.190	7.6	106	0.00
8	T	Diethyl Ether	50.000	47.316	5.4	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.008	10.0	107	0.00
10	T	Methyl Iodide	50.000	45.013	10.0	116	0.00
11	T	Tert butyl alcohol	250.000	170.030	32.0#	81	0.00
12	CM	1,1-Dichloroethene	50.000	46.826	6.3#	108	0.00
13	T	Acrolein	250.000	166.547	33.4#	82	0.00
14	T	Allyl chloride	50.000	44.851	10.3	107	0.00
15	T	Acrylonitrile	250.000	214.185	14.3	100	0.00
16	T	Acetone	250.000	191.058	23.6	96	0.00
17	T	Carbon Disulfide	50.000	42.969	14.1	107	0.00
18	T	Methyl Acetate	50.000	45.999	8.0	111	0.00
19	T	Methyl tert-butyl Ether	50.000	43.909	12.2	103	0.00
20	T	Methylene Chloride	50.000	44.683	10.6	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.569	8.9	109	0.00
22	T	Diisopropyl ether	50.000	47.321	5.4	110	0.00
23	T	Vinyl Acetate	250.000	227.659	8.9	104	0.00
24	P	1,1-Dichloroethane	50.000	46.026	7.9	110	0.00
25	T	2-Butanone	250.000	205.290	17.9	95	0.00
26	T	2,2-Dichloropropane	50.000	39.588	20.8	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.529	8.9	110	0.00
28	T	Bromochloromethane	50.000	51.048	-2.1	124	0.00
29	T	Tetrahydrofuran	250.000	205.472	17.8	95	0.00
30	C	Chloroform	50.000	46.550	6.9#	109	0.00
31	T	Cyclohexane	50.000	44.511	11.0	109	0.00
32	T	1,1,1-Trichloroethane	50.000	45.264	9.5	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.393	-0.8	128	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	120	0.00
35	S	Dibromofluoromethane	50.000	52.036	-4.1	129	0.00
36	T	1,1-Dichloropropene	50.000	44.657	10.7	107	0.00
37	T	Ethyl Acetate	50.000	39.004	22.0	96	0.00
38	T	Carbon Tetrachloride	50.000	43.921	12.2	106	0.00
39	T	Methylcyclohexane	50.000	43.470	13.1	104	0.00
40	TM	Benzene	50.000	45.803	8.4	110	0.00
41	T	Methacrylonitrile	50.000	45.912	8.2	109	0.00
42	TM	1,2-Dichloroethane	50.000	45.085	9.8	109	0.00
43	T	Isopropyl Acetate	50.000	42.913	14.2	99	0.00
44	TM	Trichloroethene	50.000	45.127	9.7	110	0.00
45	C	1,2-Dichloropropane	50.000	45.784	8.4#	111	0.00
46	T	Dibromomethane	50.000	44.330	11.3	107	0.00
47	T	Bromodichloromethane	50.000	46.281	7.4	109	0.00
48	T	Methyl methacrylate	50.000	45.018	10.0	101	0.00

Sample Results: **VX046756.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	709.769	29.0#	87	0.00
50	S	Toluene-d8	50.000	51.878	-3.8	129	0.00
51	T	4-Methyl-2-Pentanone	250.000	211.334	15.5	98	0.00
52	CM	Toluene	50.000	45.706	8.6#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	45.294	9.4	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.205	9.6	107	0.00
55	T	1,1,2-Trichloroethane	50.000	44.953	10.1	108	0.00
56	T	Ethyl methacrylate	50.000	45.449	9.1	104	0.00
57	T	1,3-Dichloropropane	50.000	45.123	9.8	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	245.221	1.9	105	0.00
59	T	2-Hexanone	250.000	208.701	16.5	96	0.00
60	T	Dibromochloromethane	50.000	44.810	10.4	107	0.00
61	T	1,2-Dibromoethane	50.000	45.493	9.0	108	0.00
62	S	4-Bromofluorobenzene	50.000	52.773	-5.5	132	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	122	0.00
64	T	Tetrachloroethene	50.000	43.220	13.6	108	0.00
65	PM	Chlorobenzene	50.000	44.211	11.6	109	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.807	10.4	109	0.00
67	C	Ethyl Benzene	50.000	44.751	10.5#	109	0.00
68	T	m/p-Xylenes	100.000	90.331	9.7	110	0.00
69	T	o-Xylene	50.000	46.579	6.8	111	0.00
70	T	Styrene	50.000	45.677	8.6	109	0.00
71	P	Bromoform	50.000	43.738	12.5	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	122	0.00
73	T	Isopropylbenzene	50.000	45.390	9.2	110	0.00
74	T	N-amyl acetate	50.000	42.930	14.1	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	43.460	13.1	105	0.00
76	T	1,2,3-Trichloropropane	50.000	44.975	10.0	102	0.00
77	T	Bromobenzene	50.000	44.901	10.2	109	0.00
78	T	n-propylbenzene	50.000	45.483	9.0	110	0.00
79	T	2-Chlorotoluene	50.000	44.031	11.9	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.302	9.4	109	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	39.929	20.1	102	0.00
82	T	4-Chlorotoluene	50.000	44.330	11.3	109	0.00
83	T	tert-Butylbenzene	50.000	44.204	11.6	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.207	9.6	110	0.00
85	T	sec-Butylbenzene	50.000	44.812	10.4	108	0.00
86	T	p-Isopropyltoluene	50.000	44.100	11.8	108	0.00
87	T	1,3-Dichlorobenzene	50.000	43.697	12.6	110	0.00
88	T	1,4-Dichlorobenzene	50.000	42.172	15.7	111	0.00
89	T	n-Butylbenzene	50.000	44.167	11.7	109	0.00
90	T	Hexachloroethane	50.000	43.401	13.2	106	0.00
91	T	1,2-Dichlorobenzene	50.000	44.112	11.8	110	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	39.972	20.1	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.088	11.8	110	0.00
94	T	Hexachlorobutadiene	50.000	42.941	14.1	106	0.00
95	T	Naphthalene	50.000	43.429	13.1	104	0.00

Sample Results: **VX046756.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.175	11.7	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX046758.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: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG No.: Q2345

Instrument ID: MSVOA_X Calibration Date/Time: 06/19/2025 09:43

Lab File ID: VX046758.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.534	0.565		5.8	20
Chloromethane	0.576	0.595	0.1	3.3	20
Vinyl Chloride	0.614	0.641		4.4	20
Bromomethane	0.346	0.384		10.98	20
Chloroethane	0.372	0.387		4.03	20
Trichlorofluoromethane	0.933	0.957		2.57	20
1,1,2-Trichlorotrifluoroethane	0.572	0.592		3.5	20
1,1-Dichloroethene	0.552	0.572		3.62	20
Acetone	0.231	0.185		-19.91	20
Carbon Disulfide	1.668	1.595		-4.38	20
Methyl tert-butyl Ether	1.720	1.569		-8.78	20
Methyl Acetate	0.586	0.480		-18.09	20
Methylene Chloride	0.641	0.618		-3.59	20
trans-1,2-Dichloroethene	0.591	0.587		-0.68	20
1,1-Dichloroethane	1.092	1.081	0.1	-1.01	20
Cyclohexane	1.036	1.018		-1.74	20
2-Butanone	0.326	0.263		-19.33	20
Carbon Tetrachloride	0.518	0.515		-0.58	20
cis-1,2-Dichloroethene	0.694	0.686		-1.15	20
Bromochloromethane	0.495	0.476		-3.84	20
Chloroform	1.092	1.093		0.09	20
1,1,1-Trichloroethane	0.958	0.939		-1.98	20
Methylcyclohexane	0.628	0.627		-0.32	20
Benzene	1.413	1.415		0.14	20
1,2-Dichloroethane	0.497	0.481		-3.22	20
Trichloroethene	0.360	0.357		-0.83	20
1,2-Dichloropropane	0.350	0.353		0.86	20
Bromodichloromethane	0.514	0.521		1.36	20
4-Methyl-2-Pentanone	0.411	0.339		-17.52	20
Toluene	0.876	0.877		0.11	20
t-1,3-Dichloropropene	0.477	0.481		0.84	20
cis-1,3-Dichloropropene	0.541	0.545		0.74	20
1,1,2-Trichloroethane	0.327	0.311		-4.89	20
2-Hexanone	0.284	0.229		-19.37	20
Dibromochloromethane	0.385	0.377		-2.08	20
1,2-Dibromoethane	0.332	0.317		-4.52	20
Tetrachloroethene	0.346	0.344		-0.58	20
Chlorobenzene	1.104	1.089	0.3	-1.36	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG No.: Q2345

Instrument ID: MSVOA_X Calibration Date/Time: 06/19/2025 09:43

Lab File ID: VX046758.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.929	1.918		-0.57	20
m/p-Xylenes	0.719	0.724		0.69	20
o-Xylene	0.673	0.687		2.08	20
Styrene	1.179	1.192		1.1	20
Bromoform	0.282	0.263	0.1	-6.74	20
Isopropylbenzene	3.682	3.747		1.76	20
1,1,2,2-Tetrachloroethane	1.028	0.933	0.3	-9.24	20
1,3-Dichlorobenzene	1.728	1.670		-3.36	20
1,4-Dichlorobenzene	1.775	1.693		-4.62	20
1,2-Dichlorobenzene	1.615	1.598		-1.05	20
1,2-Dibromo-3-Chloropropane	0.203	0.164		-19.21	20
1,2,4-Trichlorobenzene	1.148	1.111		-3.22	20
1,2,3-Trichlorobenzene	1.098	1.064		-3.1	20
1,2-Dichloroethane-d4	0.692	0.639		-7.66	20
Dibromofluoromethane	0.331	0.327		-1.21	20
Toluene-d8	1.189	1.166		-1.93	20
4-Bromofluorobenzene	0.443	0.433		-2.26	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\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	137182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	197740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87638	46.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.380%			
35) Dibromofluoromethane	5.391	113	73413	49.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	8.647	98	261576	49.067	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.140%			
62) 4-Bromofluorobenzene	11.079	95	97021	48.823	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	77571	52.964	ug/l	99
3) Chloromethane	1.307	50	81669	51.662	ug/l	96
4) Vinyl Chloride	1.386	62	87898	52.141	ug/l	96
5) Bromomethane	1.624	94	52745	55.612	ug/l	94
6) Chloroethane	1.703	64	53086	51.957	ug/l	98
7) Trichlorofluoromethane	1.904	101	131261	51.280	ug/l	99
8) Diethyl Ether	2.142	74	44511	50.670	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	81171	51.691	ug/l	98
10) Methyl Iodide	2.465	142	94903	48.429	ug/l	99
11) Tert butyl alcohol	2.947	59	26783	157.262	ug/l	100
12) 1,1-Dichloroethene	2.337	96	78427	51.759	ug/l	97
13) Acrolein	2.245	56	50116	202.026	ug/l	98
14) Allyl chloride	2.678	41	136507	49.722	ug/l	99
15) Acrylonitrile	3.068	53	162714	212.474	ug/l	99
16) Acetone	2.380	43	127043	200.776	ug/l	99
17) Carbon Disulfide	2.526	76	218810	47.820	ug/l	99
18) Methyl Acetate	2.709	43	65851	40.975	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	215275	45.628	ug/l	100
20) Methylene Chloride	2.800	84	84742	48.158	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	80577	49.698	ug/l	96
22) Diisopropyl ether	3.763	45	269978	51.162	ug/l	97
23) Vinyl Acetate	3.727	43	1003345	239.105	ug/l	100
24) 1,1-Dichloroethane	3.623	63	148260	49.484	ug/l	100
25) 2-Butanone	4.556	43	180589m	201.795	ug/l	
26) 2,2-Dichloropropane	4.483	77	112913	51.672	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	94126	49.415	ug/l	99
28) Bromochloromethane	4.904	49	65263	48.047	ug/l	100
29) Tetrahydrofuran	5.007	42	116160	200.958	ug/l	99
30) Chloroform	5.099	83	149922	50.036	ug/l	95
31) Cyclohexane	5.477	56	139626	49.142	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	128769	49.003	ug/l	100
36) 1,1-Dichloropropene	5.702	75	106011	49.493	ug/l	99
37) Ethyl Acetate	4.715	43	79324	40.121	ug/l	99
38) Carbon Tetrachloride	5.684	117	115565	49.715	ug/l	98
39) Methylcyclohexane	7.379	83	140502	49.848	ug/l	96
40) Benzene	6.044	78	317423	50.074	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	47871	45.417	ug/l		95
42) 1,2-Dichloroethane	6.086	62	107931	48.452	ug/l		99
43) Isopropyl Acetate	6.336	43	132833	42.935	ug/l		99
44) Trichloroethene	7.129	130	80127	49.599	ug/l		96
45) 1,2-Dichloropropane	7.427	63	79156	50.385	ug/l		95
46) Dibromomethane	7.580	93	53399	47.295	ug/l		99
47) Bromodichloromethane	7.818	83	116822	50.703	ug/l		100
48) Methyl methacrylate	7.690	41	70314	45.316	ug/l		99
49) 1,4-Dioxane	7.659	88	15950	714.909	ug/l		96
51) 4-Methyl-2-Pentanone	8.568	43	379704	205.777	ug/l		100
52) Toluene	8.714	92	196587	50.025	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	107788	50.420	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	122151	50.333	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	69729	47.614	ug/l		98
56) Ethyl methacrylate	9.116	69	99225	45.899	ug/l		100
57) 1,3-Dichloropropane	9.305	76	122083	48.408	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	279394	248.797	ug/l		100
59) 2-Hexanone	9.427	43	257015	201.475	ug/l		100
60) Dibromochloromethane	9.519	129	84603	49.021	ug/l		99
61) 1,2-Dibromoethane	9.610	107	70987	47.653	ug/l		100
64) Tetrachloroethene	9.275	164	67934	49.587	ug/l		98
65) Chlorobenzene	10.073	112	215423	49.352	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	73797	50.304	ug/l		100
67) Ethyl Benzene	10.189	91	379202	49.719	ug/l		100
68) m/p-Xylenes	10.299	106	286180	100.703	ug/l		99
69) o-Xylene	10.640	106	135837	51.004	ug/l		99
70) Styrene	10.652	104	235709	50.573	ug/l		100
71) Bromoform	10.799	173	51917	46.470	ug/l	#	100
73) Isopropylbenzene	10.957	105	362998	50.881	ug/l		100
74) N-amyl acetate	10.841	43	120822	44.699	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90340	45.350	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	74859m	42.194	ug/l		
77) Bromobenzene	11.195	156	86326	50.284	ug/l		98
78) n-propylbenzene	11.299	91	434668	51.296	ug/l		100
79) 2-Chlorotoluene	11.360	91	250583	49.529	ug/l		99
80) 1,3,5-Trimethylbenzene	11.445	105	294565	50.244	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	27012	43.036	ug/l		98
82) 4-Chlorotoluene	11.451	91	294491	49.875	ug/l		100
83) tert-Butylbenzene	11.713	119	302344	49.891	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	298590	50.692	ug/l		100
85) sec-Butylbenzene	11.890	105	389381	50.841	ug/l		99
86) p-Isopropyltoluene	12.006	119	324490	50.214	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	161807	48.338	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	164023	47.705	ug/l		98
89) n-Butylbenzene	12.329	91	310154	50.550	ug/l		100
90) Hexachloroethane	12.536	117	55264	48.837	ug/l		96
91) 1,2-Dichlorobenzene	12.329	146	154832	49.496	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15868	40.348	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	107660	48.410	ug/l		98
94) Hexachlorobutadiene	13.719	225	46034	49.207	ug/l		99
95) Naphthalene	13.774	128	286491	45.216	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	103088	48.453	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

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

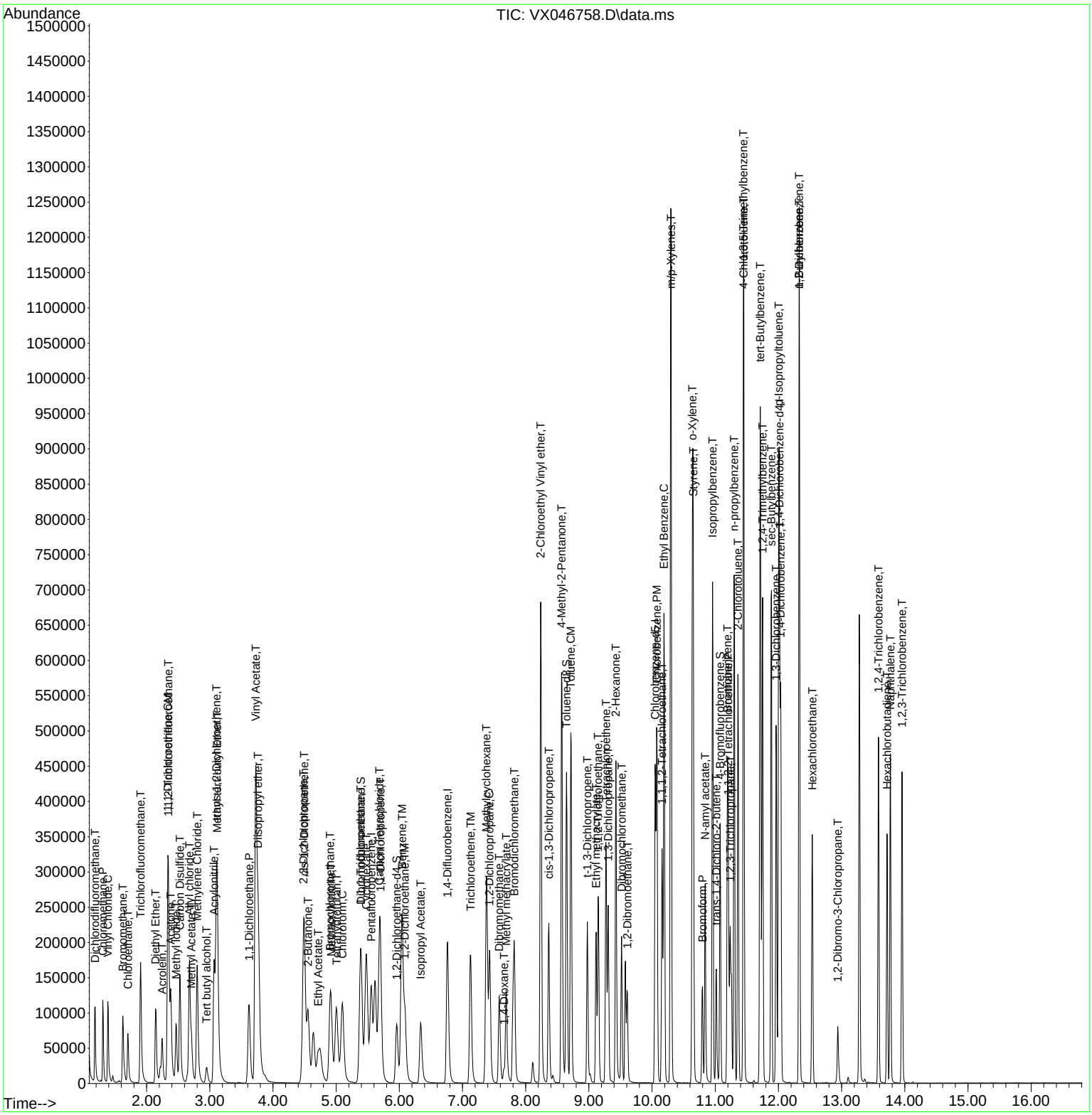
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

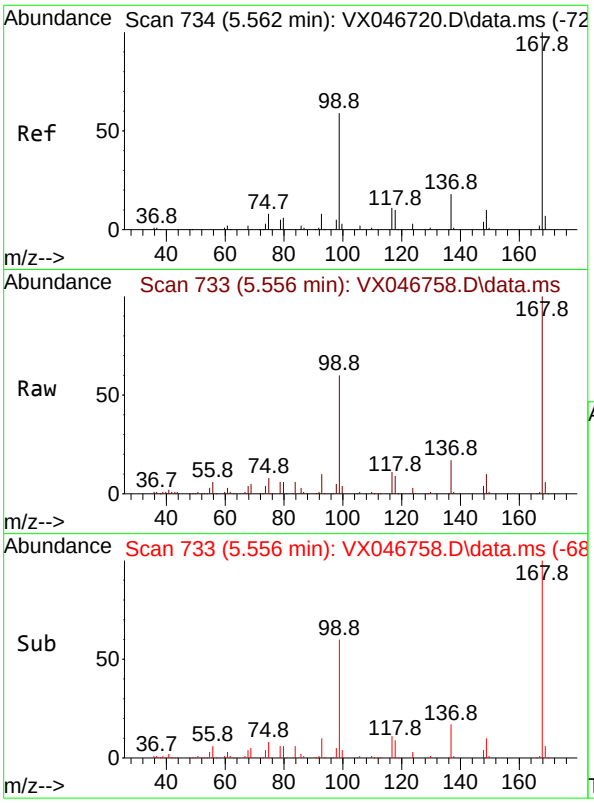
Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

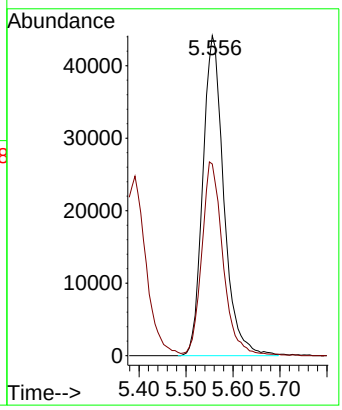




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:168 Resp: 13718

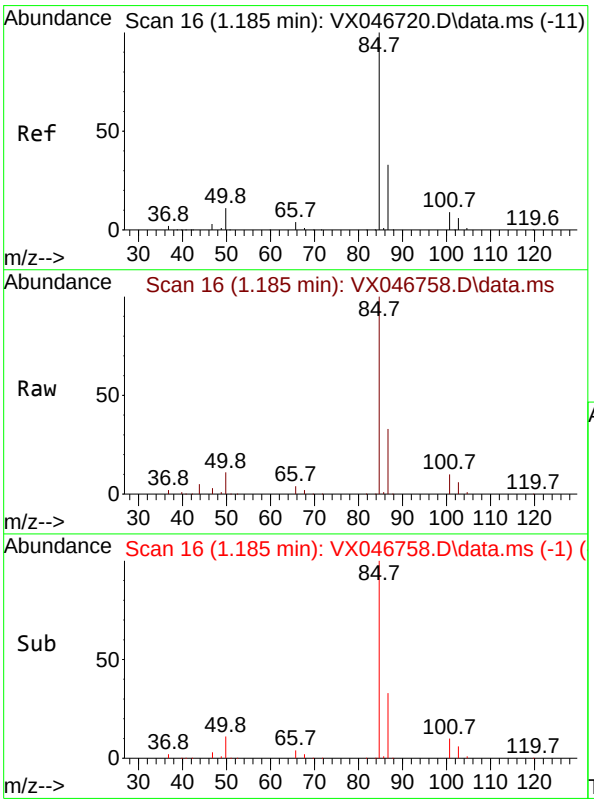
Ion	Ratio	Lower	Upper
168	100		
99	59.5	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

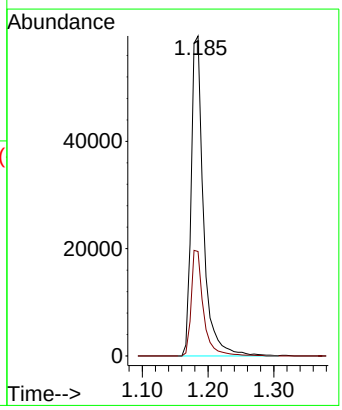
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

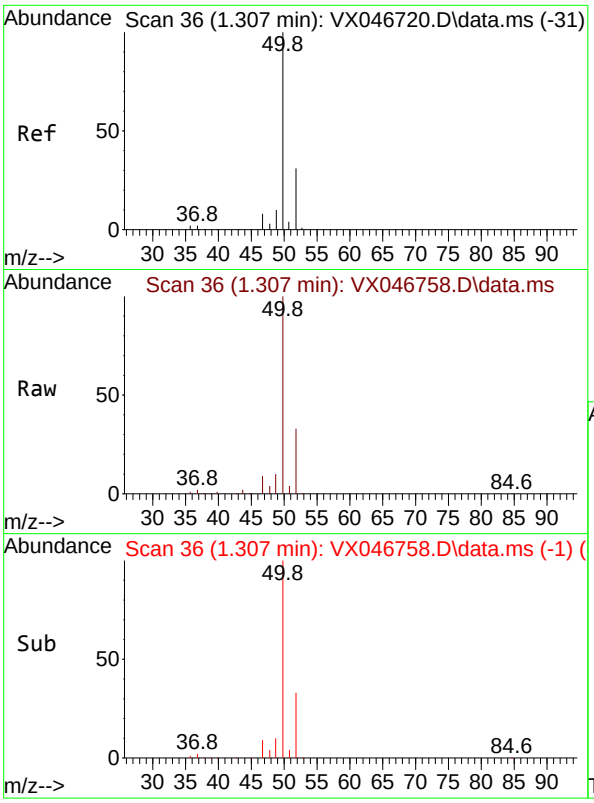


#2
Dichlorodifluoromethane
Concen: 52.964 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 85 Resp: 77571

Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.6	49.8

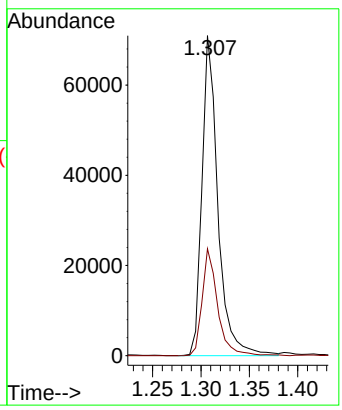




#3
Chloromethane
Concen: 51.662 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 50 Resp: 8166

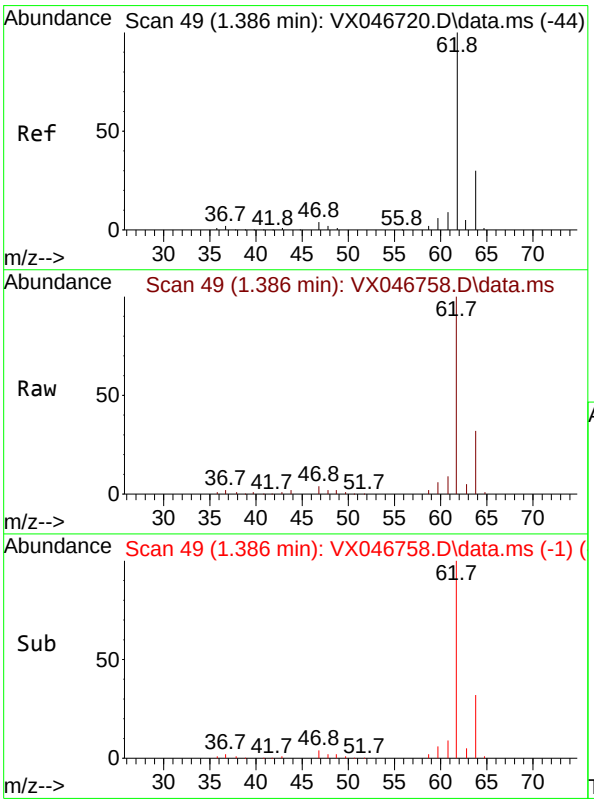
Ion	Ratio	Lower	Upper
50	100		
52	33.4	24.9	37.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

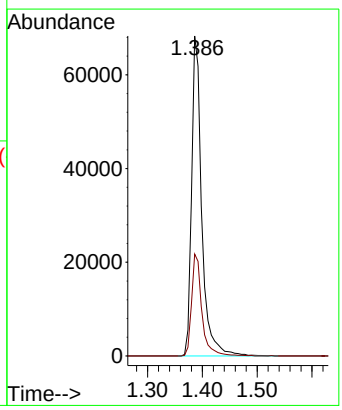
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

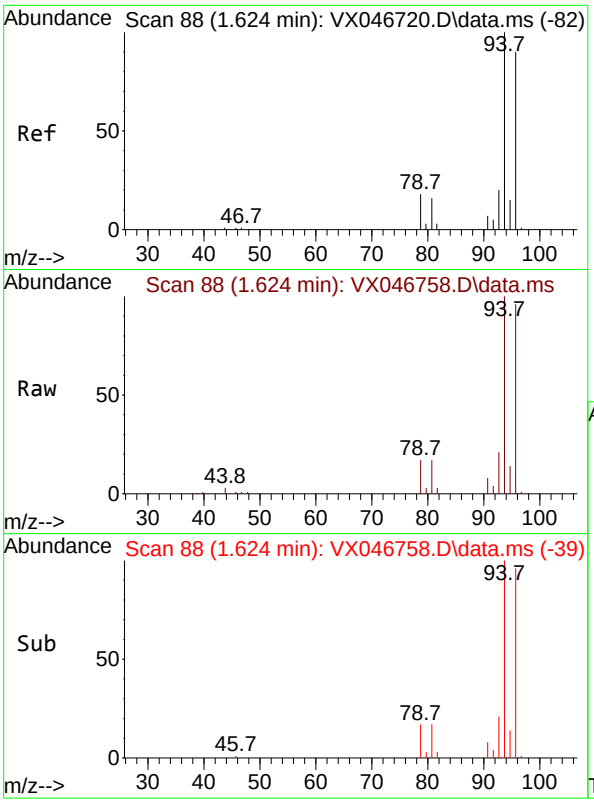


#4
Vinyl Chloride
Concen: 52.141 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 62 Resp: 87898

Ion	Ratio	Lower	Upper
62	100		
64	31.8	23.9	35.9





#5
Bromomethane
Concen: 55.612 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

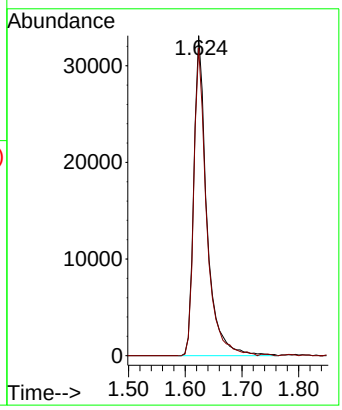
Tgt Ion: 94 Resp: 5274

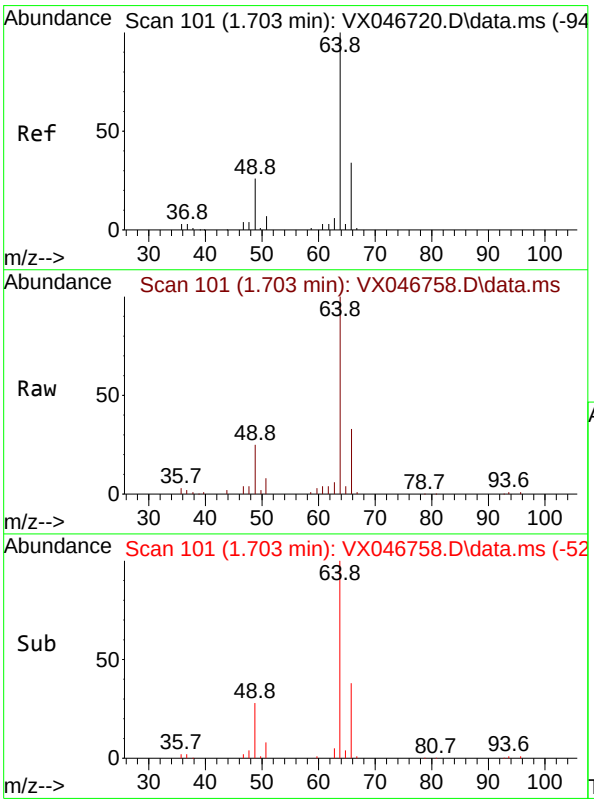
Ion	Ratio	Lower	Upper
94	100		
96	96.1	72.3	108.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

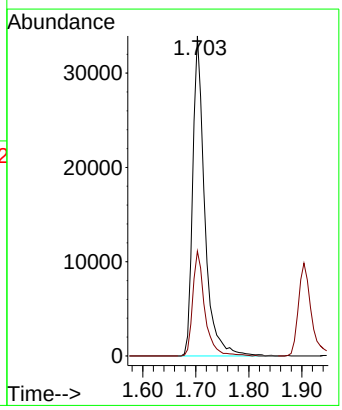


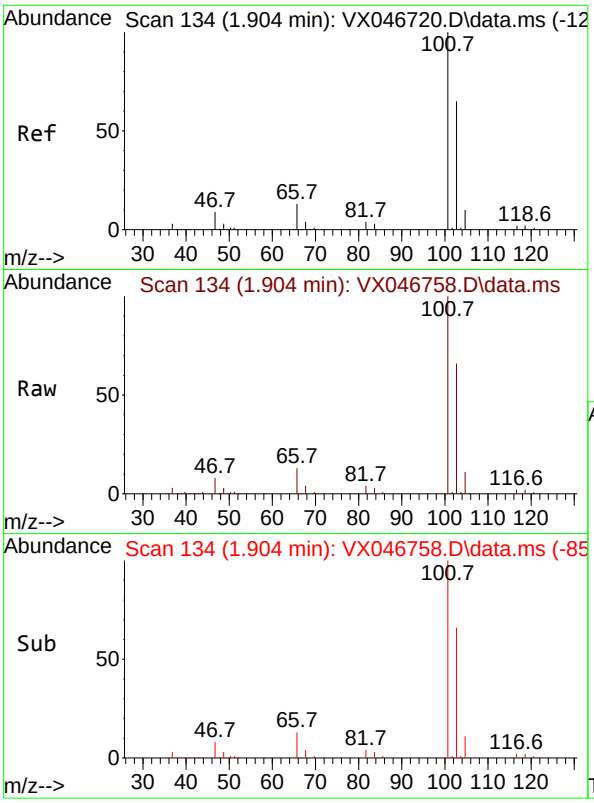


#6
Chloroethane
Concen: 51.957 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 64 Resp: 53086

Ion	Ratio	Lower	Upper
64	100		
66	32.8	27.1	40.7





#7
Trichlorofluoromethane
Concen: 51.280 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:101 Resp: 13126

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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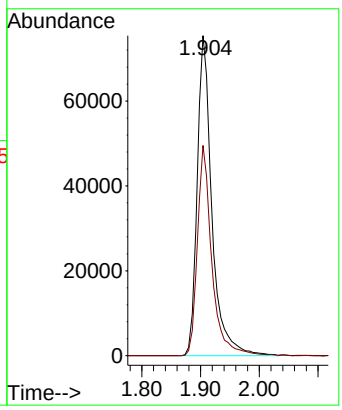
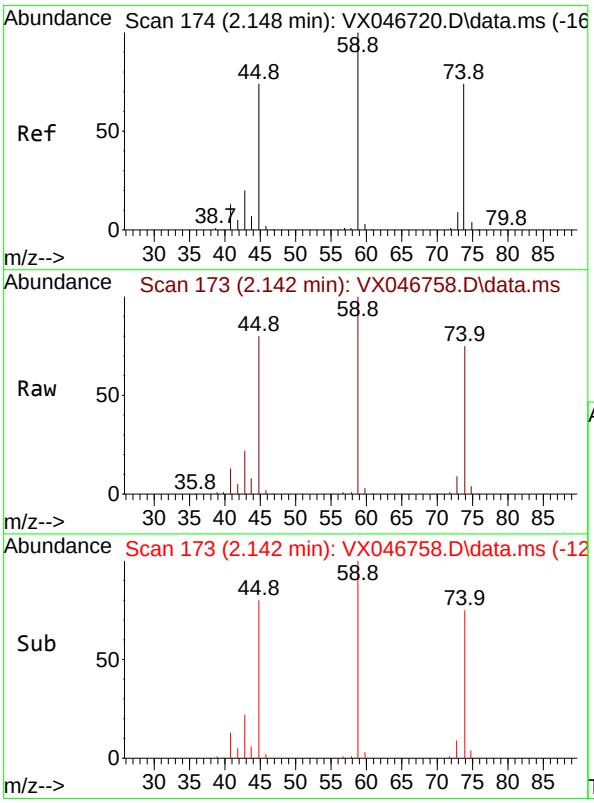
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

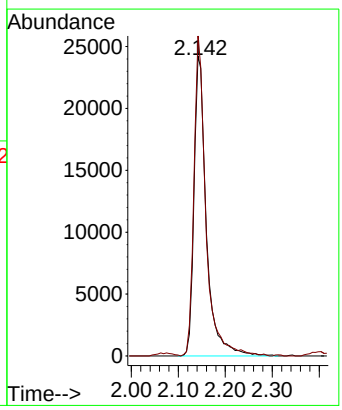


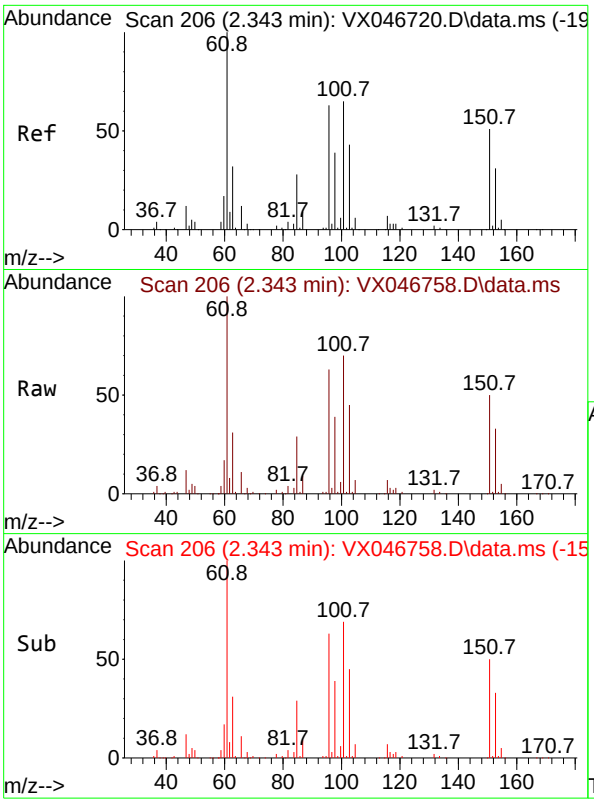


#8
Diethyl Ether
Concen: 50.670 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 74 Resp: 44511

Ion	Ratio	Lower	Upper
74	100		
45	103.6	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.691 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:101 Resp: 8117

Ion	Ratio	Lower	Upper
101	100		
85	42.5	35.4	53.0
151	74.7	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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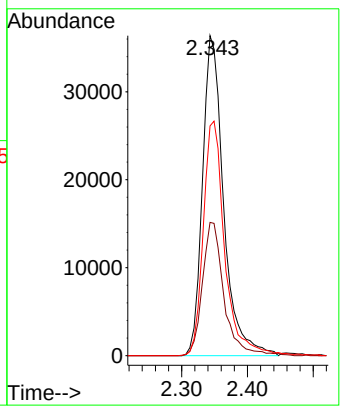
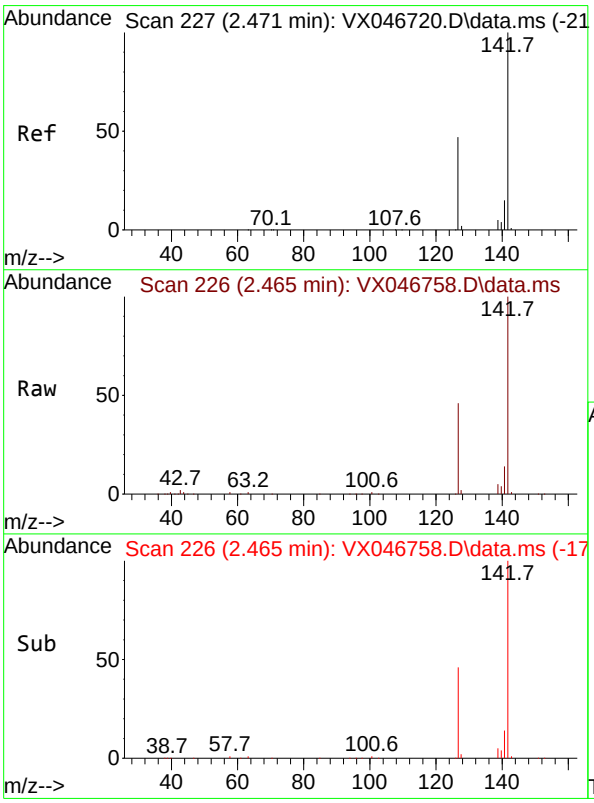
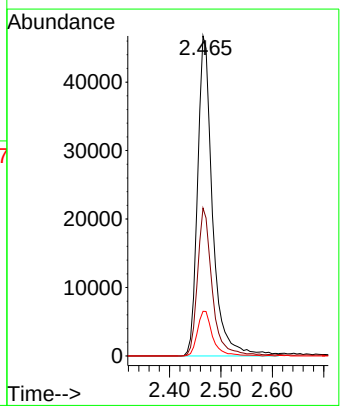


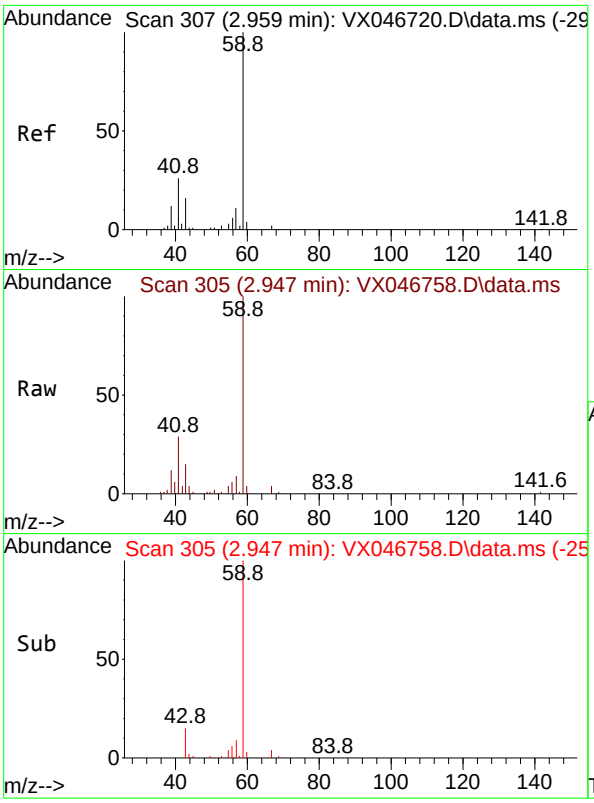


#10
Methyl Iodide
Concen: 48.429 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:142 Resp: 94903

Ion	Ratio	Lower	Upper
142	100		
127	45.2	37.0	55.6
141	14.2	11.5	17.3





#11
Tert butyl alcohol
Concen: 157.262 ug/l
RT: 2.947 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 59 Resp: 2678

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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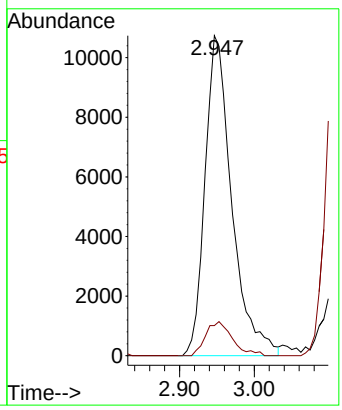
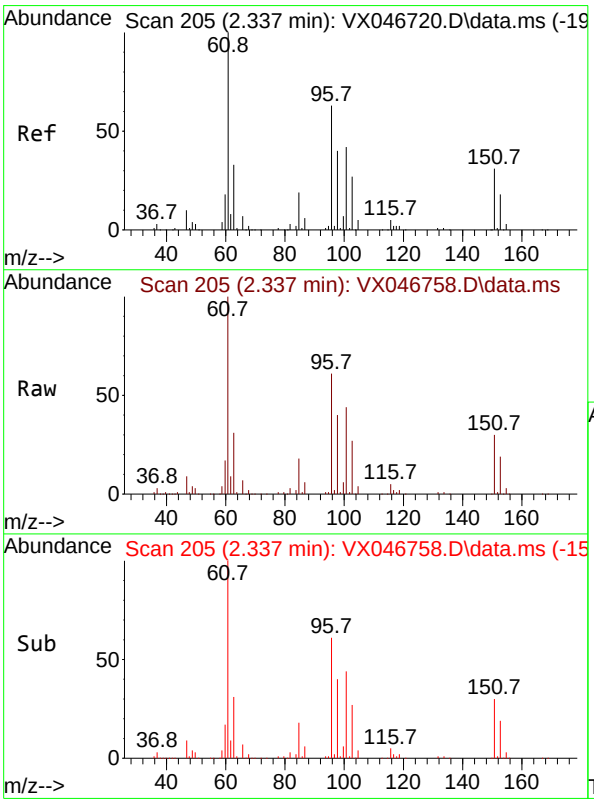
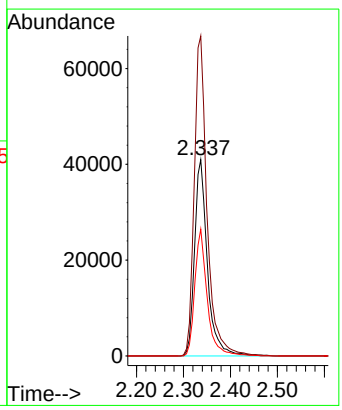


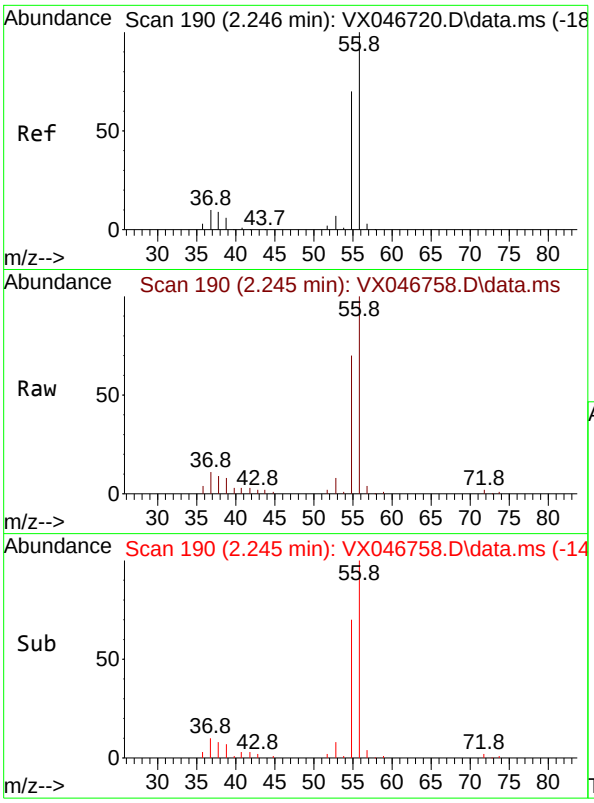


#12
1,1-Dichloroethene
Concen: 51.759 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 96 Resp: 78427

Ion	Ratio	Lower	Upper
96	100		
61	163.0	126.6	189.8
98	64.7	50.7	76.1

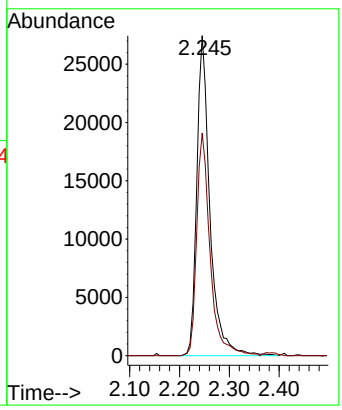




#13
Acrolein
Concen: 202.026 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 56 Resp: 5011

Ion	Ratio	Lower	Upper
56	100		
55	71.0	55.2	82.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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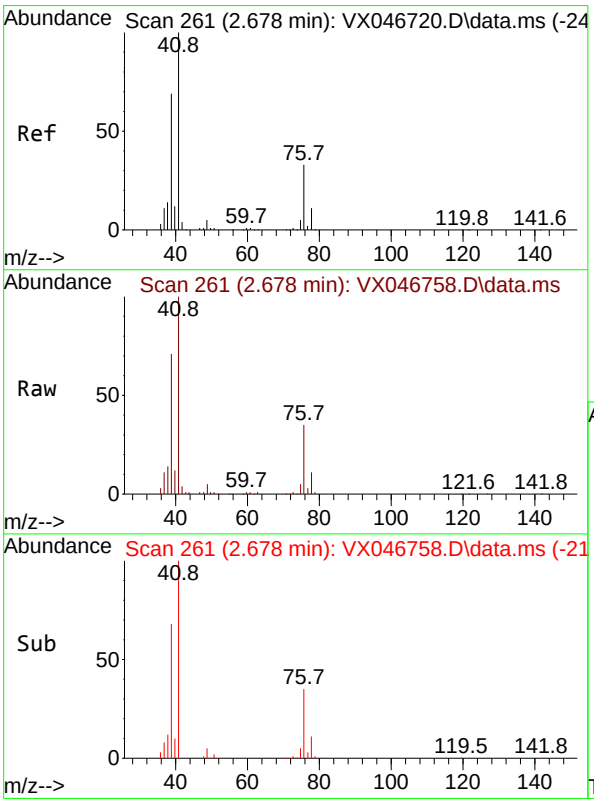
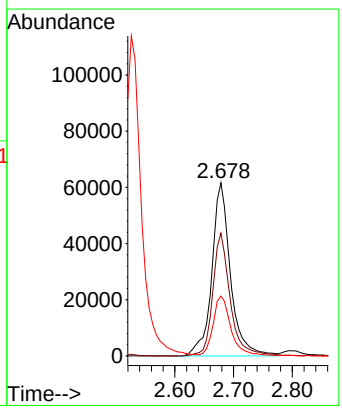
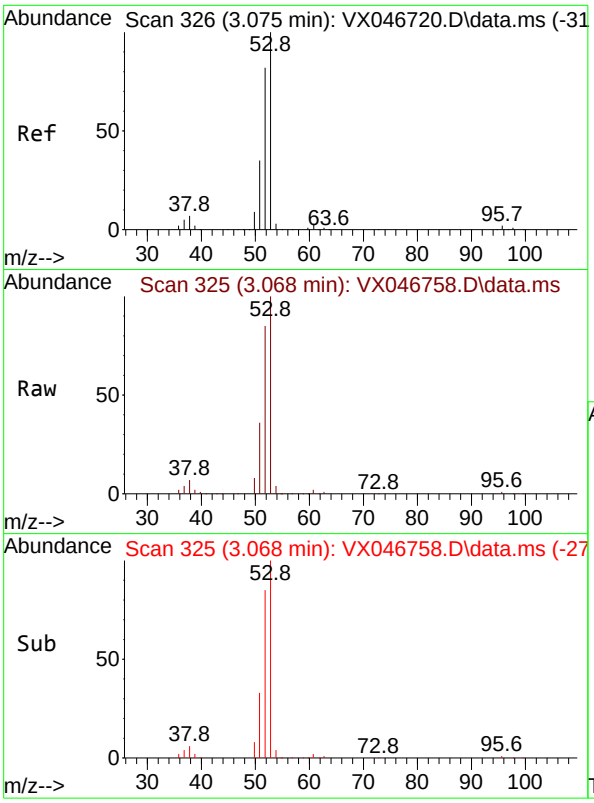


#14
Allyl chloride
Concen: 49.722 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 41 Resp: 136507

Ion	Ratio	Lower	Upper
41	100		
39	66.2	53.6	80.4
76	33.3	26.8	40.2

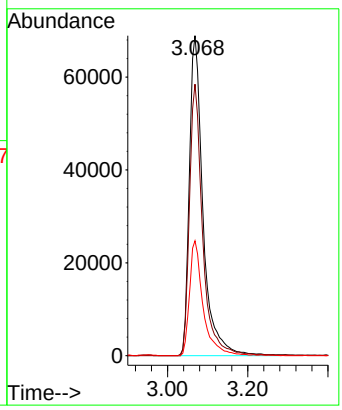




#15
Acrylonitrile
Concen: 212.474 ug/l
RT: 3.068 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 53 Resp: 16271

Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.1	97.7
51	35.9	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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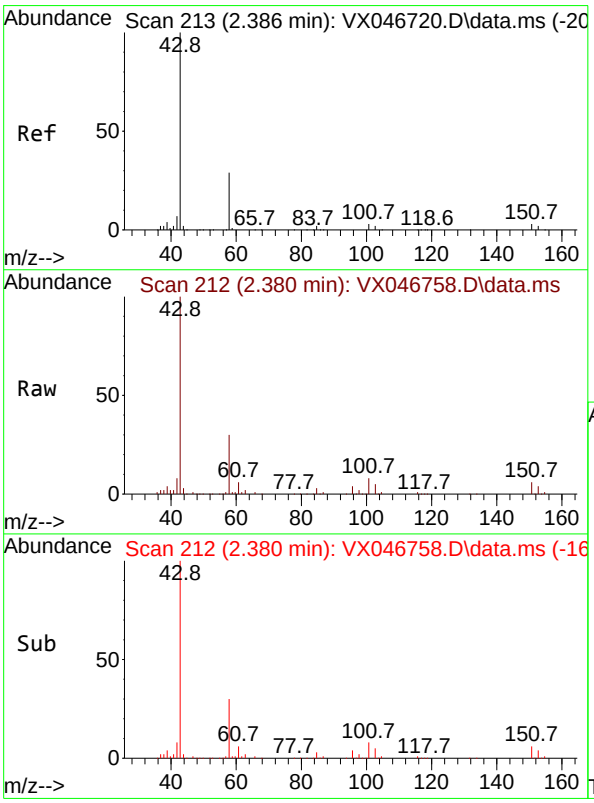
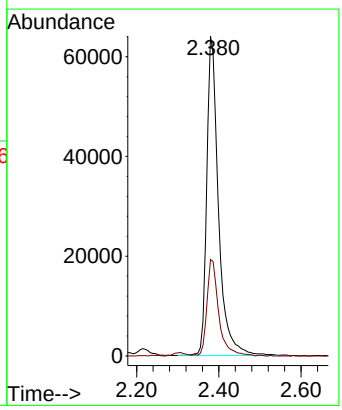
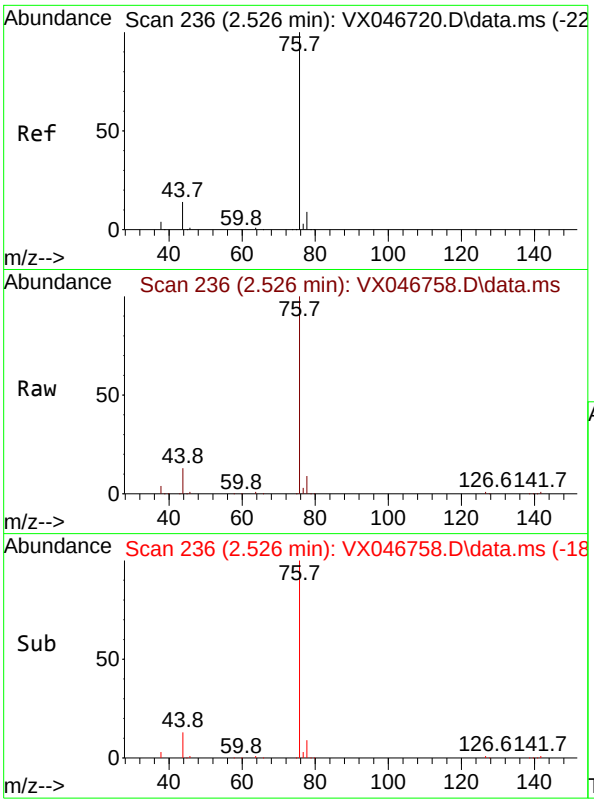


#16
Acetone
Concen: 200.776 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 127043

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.5	36.7





#17
Carbon Disulfide
Concen: 47.820 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 76 Resp: 21881

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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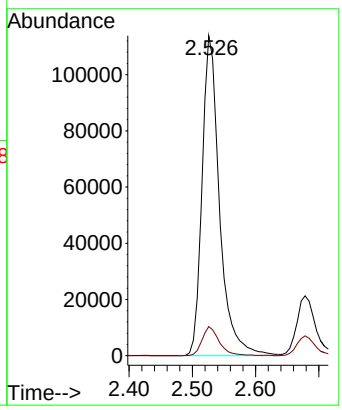
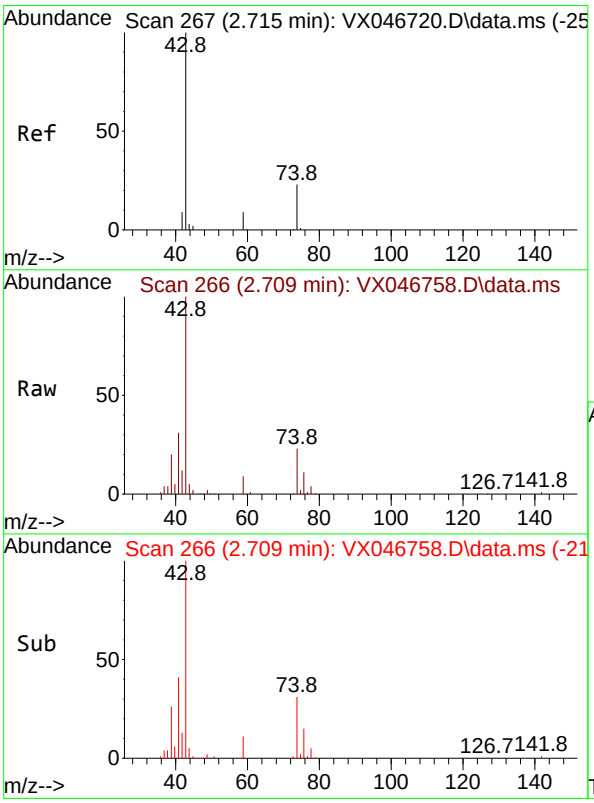
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

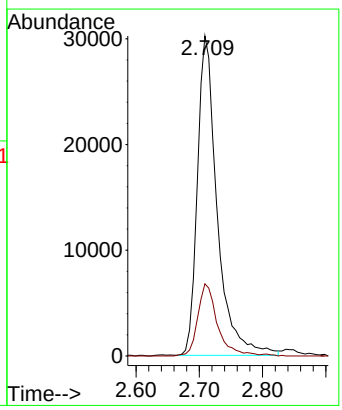


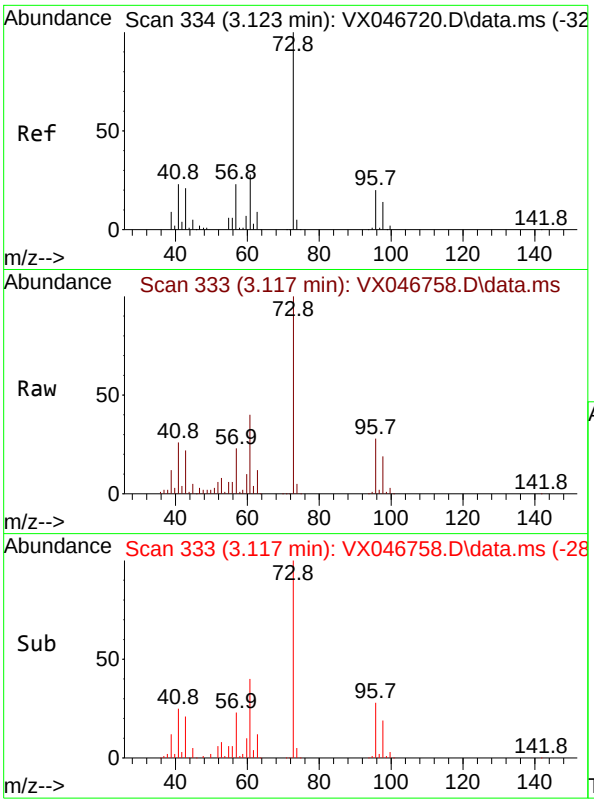


#18
Methyl Acetate
Concen: 40.975 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 65851

Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.4	27.6

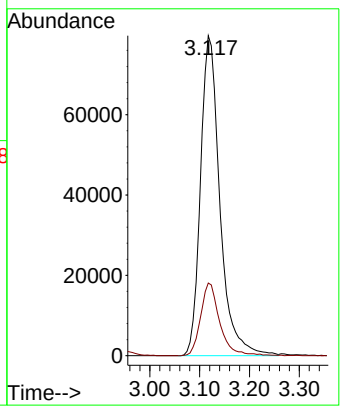




#19
Methyl tert-butyl Ether
Concen: 45.628 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 73 Resp: 21527

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.2	27.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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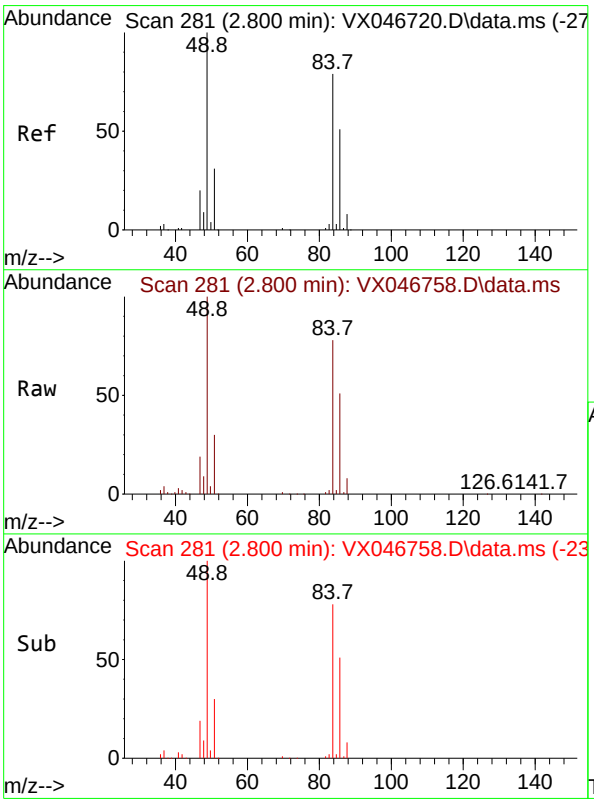
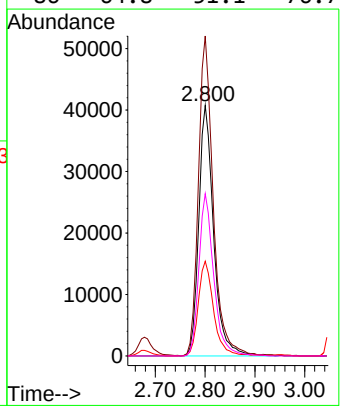
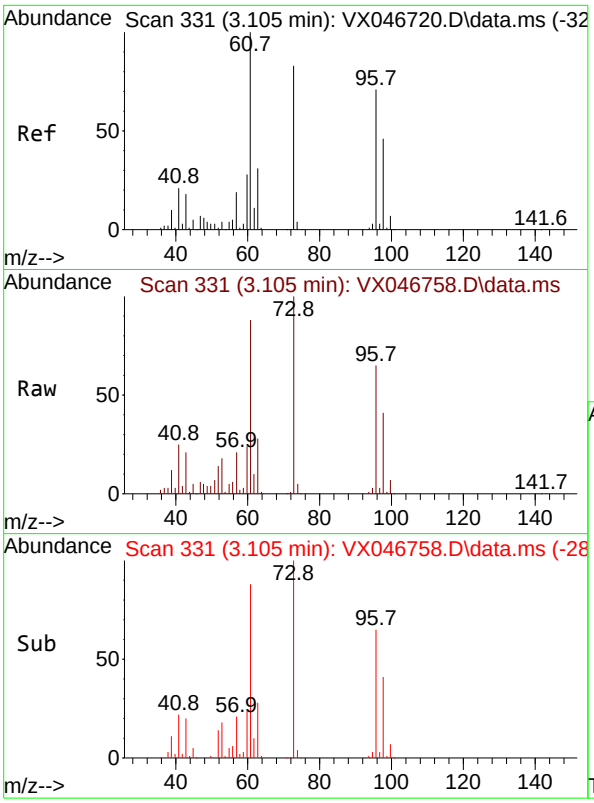


#20
Methylene Chloride
Concen: 48.158 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 84 Resp: 84742

Ion	Ratio	Lower	Upper
84	100		
49	127.5	101.3	151.9
51	37.8	31.0	46.6
86	64.8	51.1	76.7

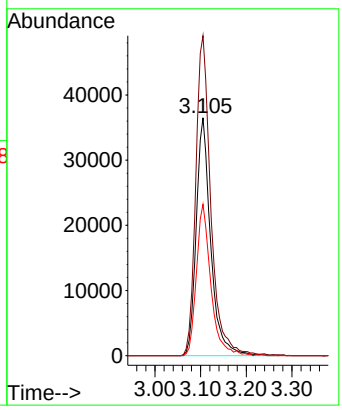




#21
trans-1,2-Dichloroethene
Concen: 49.698 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 96 Resp: 8057

Ion	Ratio	Lower	Upper
96	100		
61	134.5	112.5	168.7
98	63.6	51.9	77.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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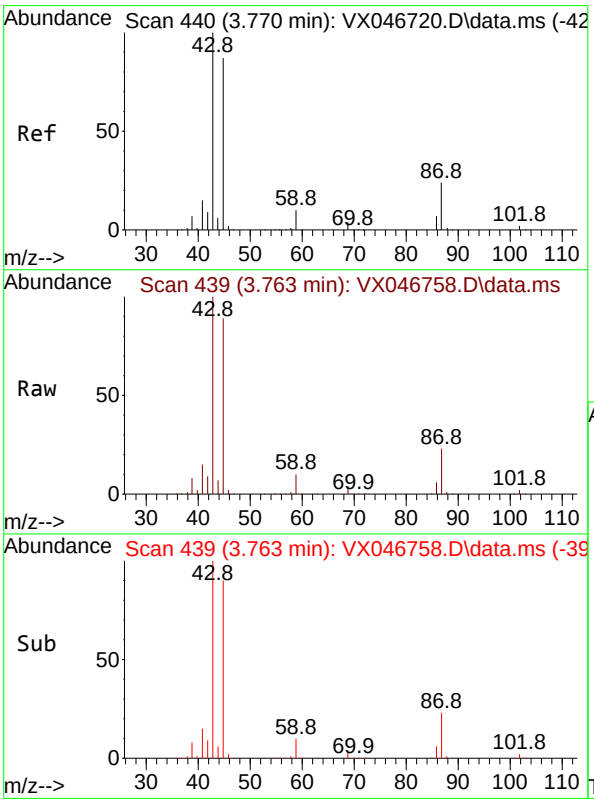
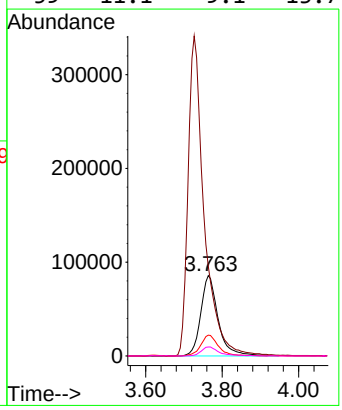
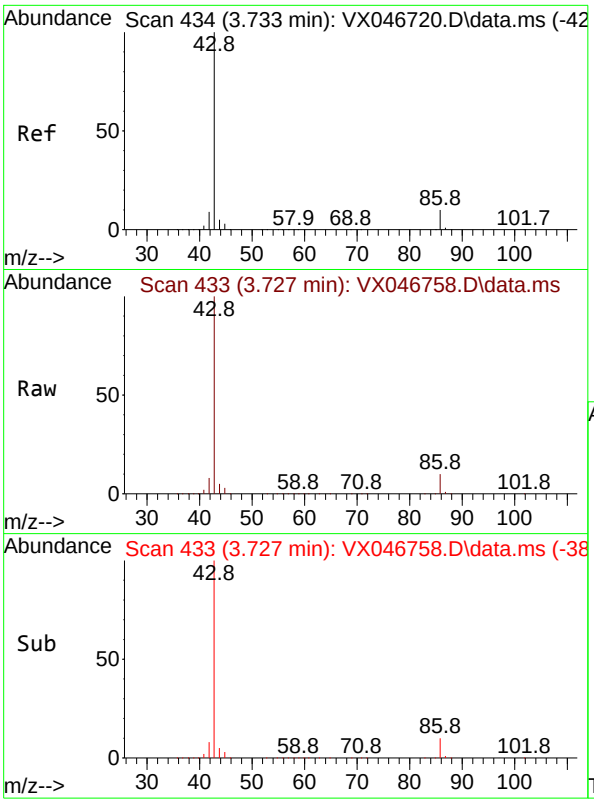


#22
Diisopropyl ether
Concen: 51.162 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 45 Resp: 269978

Ion	Ratio	Lower	Upper
45	100		
43	110.7	91.9	137.9
87	25.9	22.0	33.0
59	11.1	9.1	13.7





#23
Vinyl Acetate
Concen: 239.105 ug/l
RT: 3.727 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 100334

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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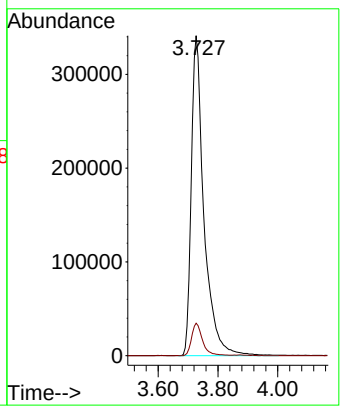
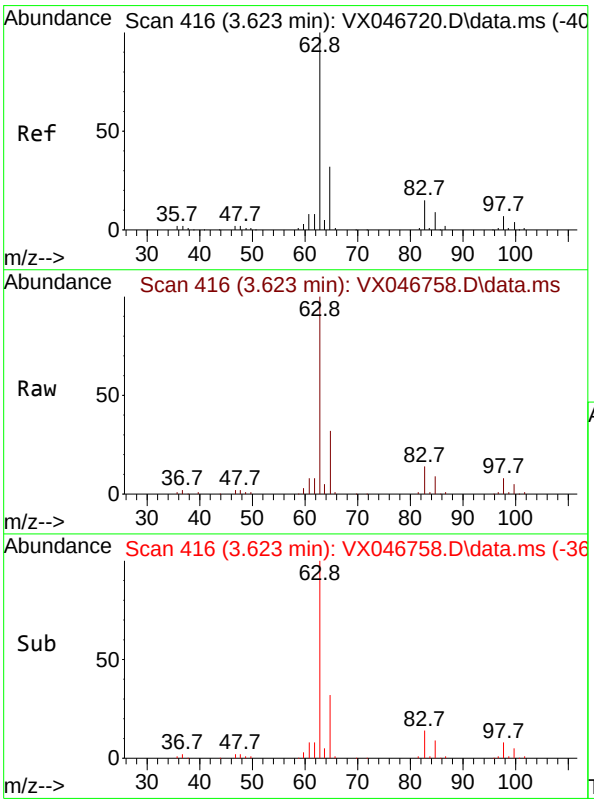
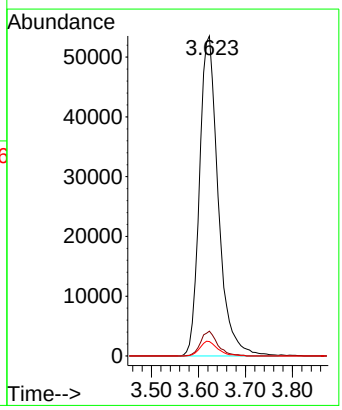


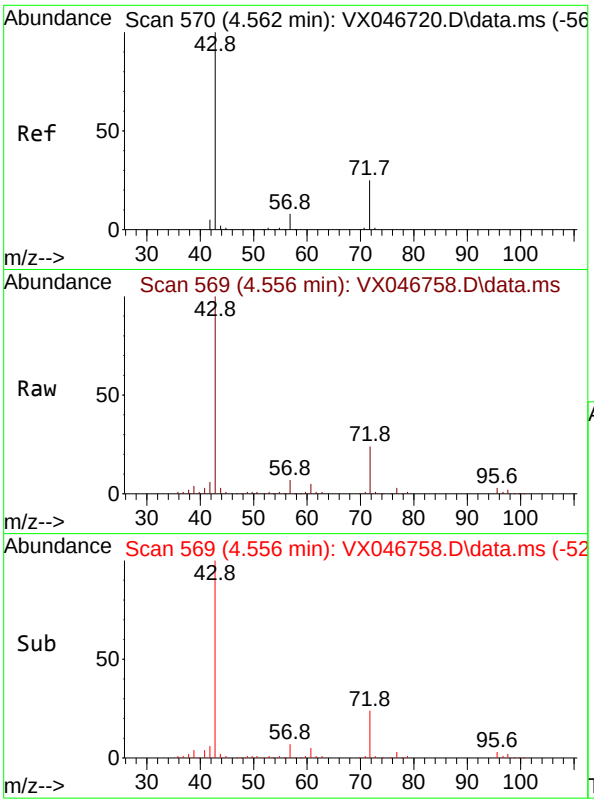


#24
1,1-Dichloroethane
Concen: 49.484 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 63 Resp: 148260

Ion	Ratio	Lower	Upper
63	100		
98	7.8	4.0	11.9
100	4.6	2.2	6.6





#25
2-Butanone
Concen: 201.795 ug/l m
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 18058

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.2	30.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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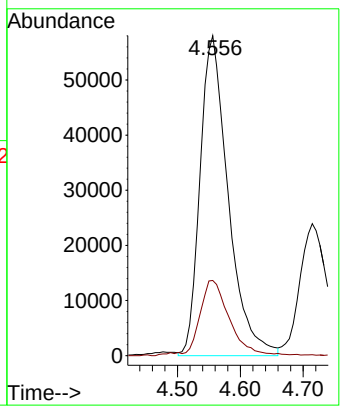
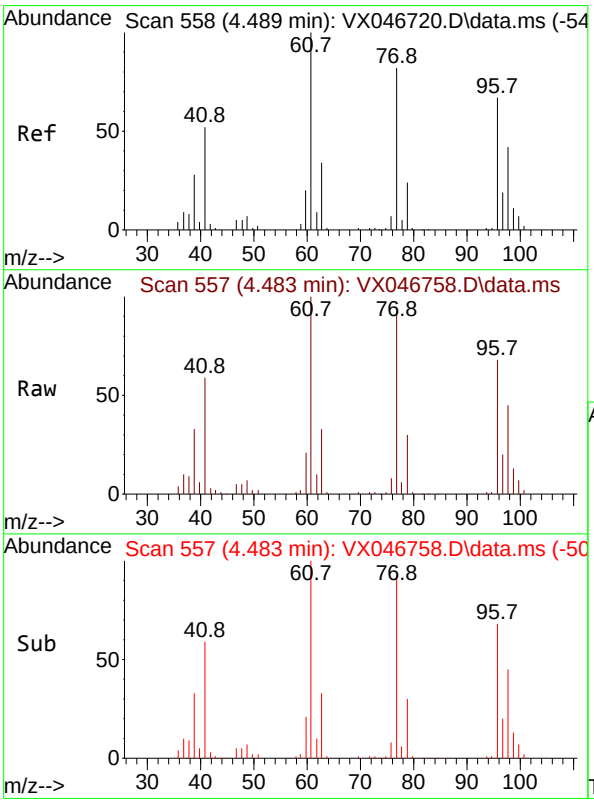
Supervised By :Mahesh Dadoda 06/21/2025

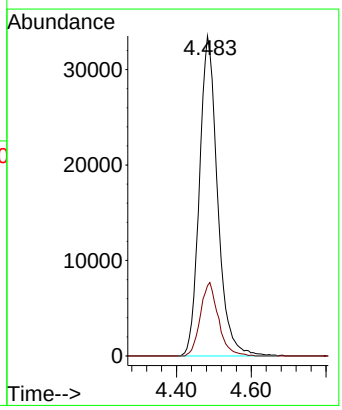


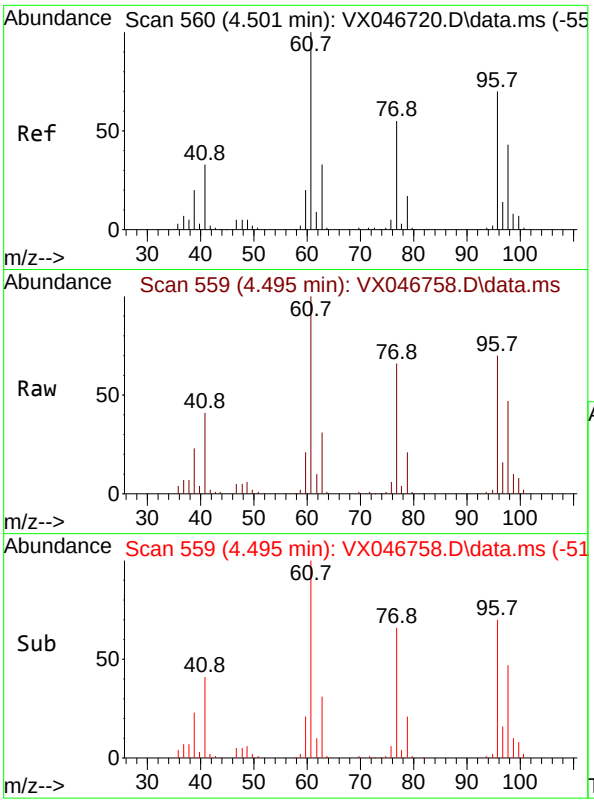


#26
2,2-Dichloropropane
Concen: 51.672 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 77 Resp: 112913

Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.8	35.3

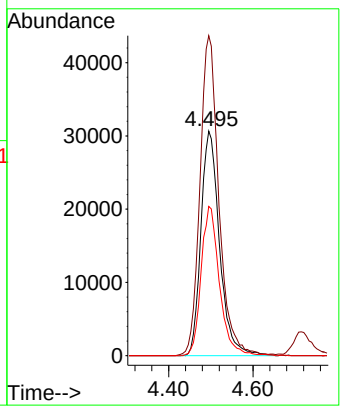




#27
cis-1,2-Dichloroethene
Concen: 49.415 ug/l
RT: 4.495 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 96 Resp: 9412

Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	291.0
98	65.4	0.0	126.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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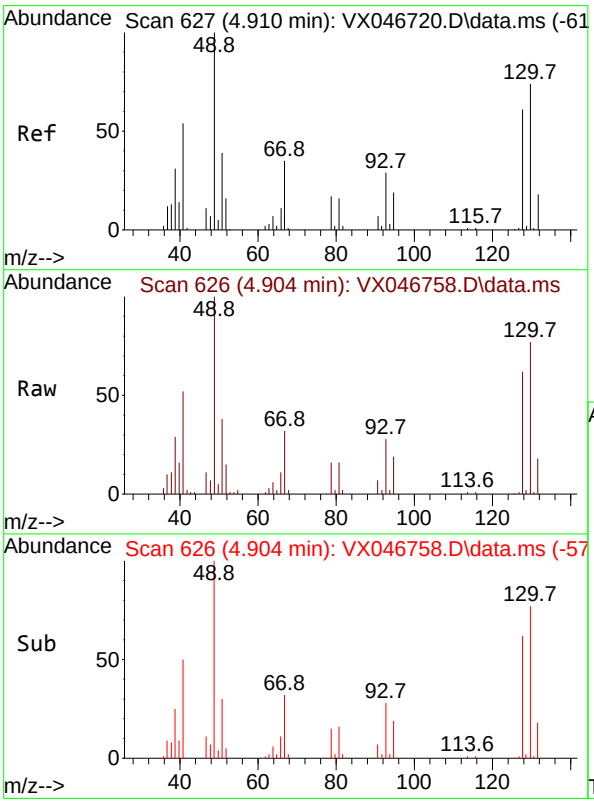
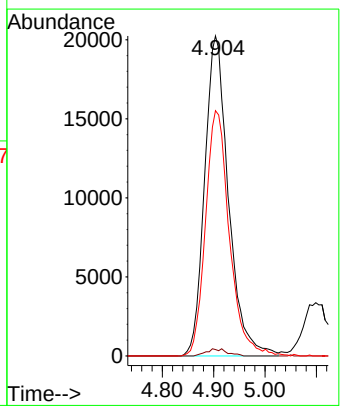
Supervised By :Mahesh Dadoda 06/21/2025

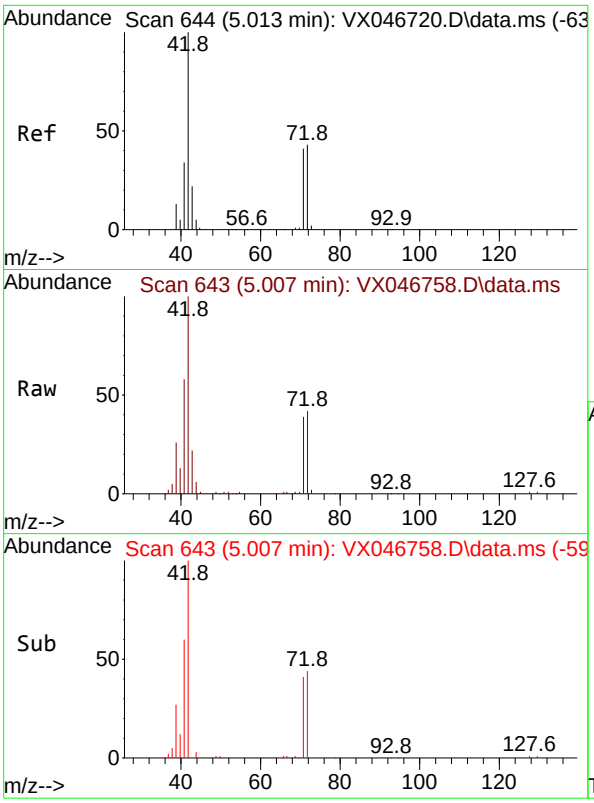


#28
Bromochloromethane
Concen: 48.047 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 49 Resp: 65263

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	76.8	61.4	92.0





#29
Tetrahydrofuran
Concen: 200.958 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 42 Resp: 11616

Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.9	52.3
71	39.1	32.2	48.2

Instrument :
MSVOA_X
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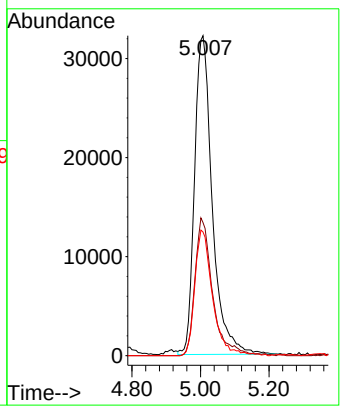
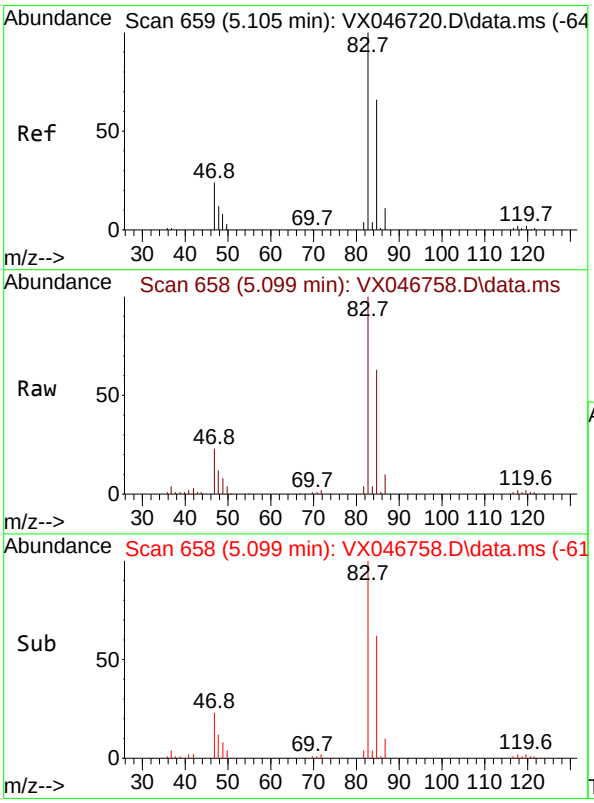
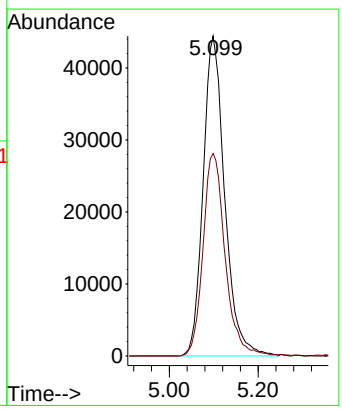


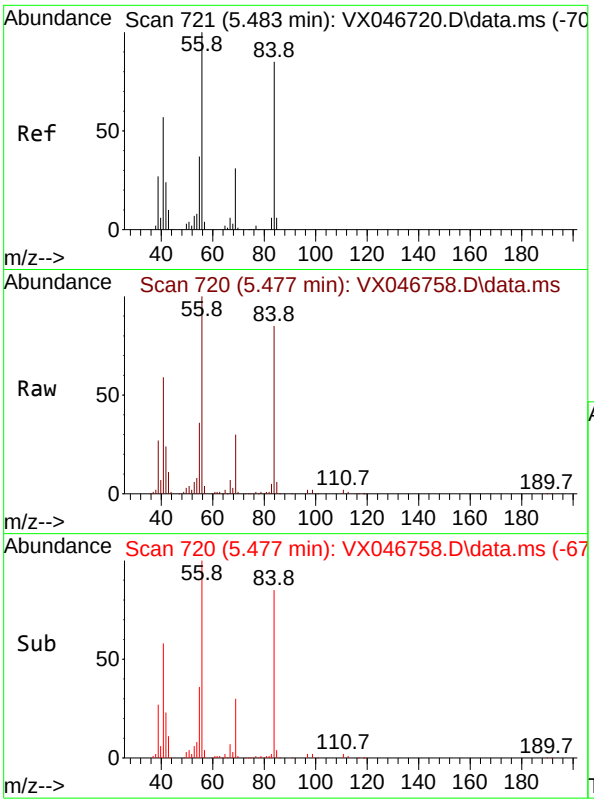


#30
Chloroform
Concen: 50.036 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 83 Resp: 149922

Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.7	80.5





#31
Cyclohexane
Concen: 49.142 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 56 Resp: 13962

Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.8	37.2
84	82.9	68.2	102.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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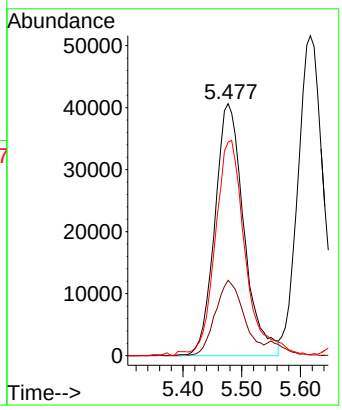
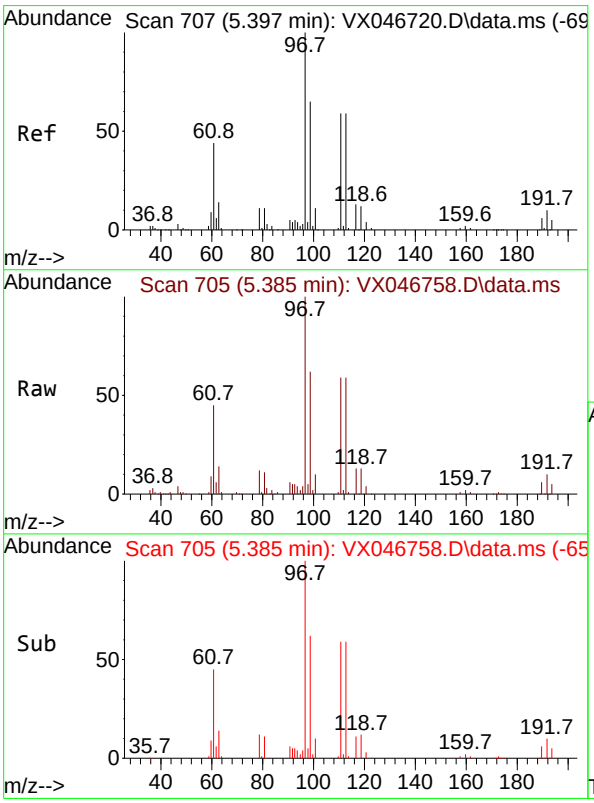
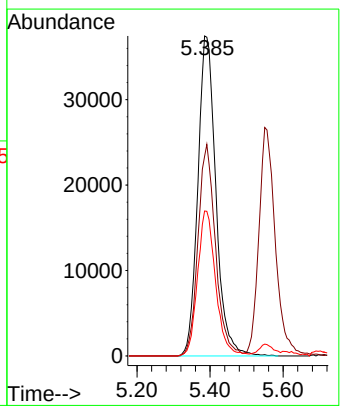


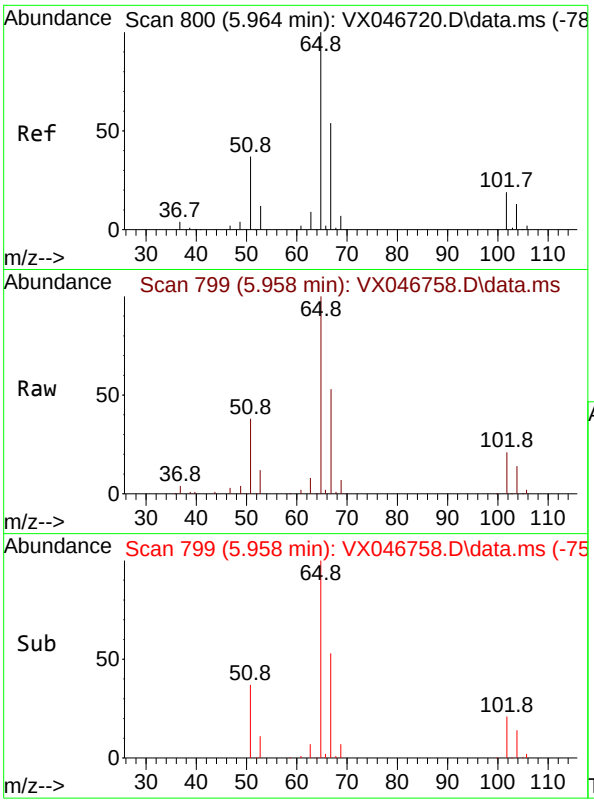


#32
1,1,1-Trichloroethane
Concen: 49.003 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 97 Resp: 128769

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	45.4	36.4	54.6





#33
1,2-Dichloroethane-d4
Concen: 46.187 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 65 Resp: 8763

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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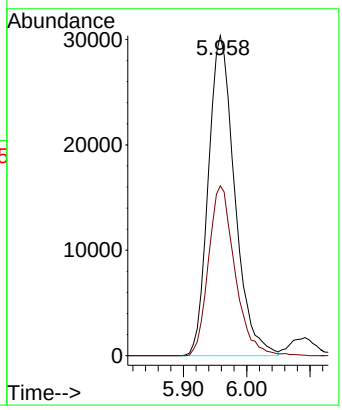
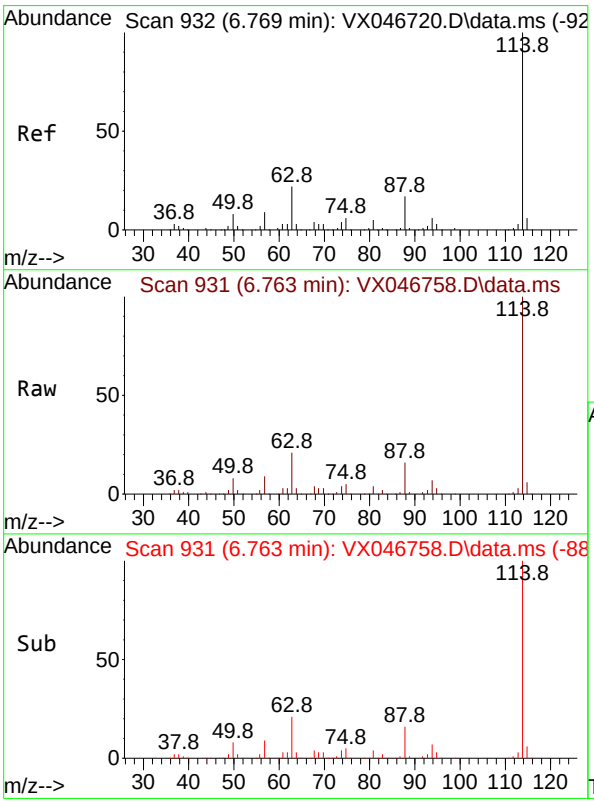
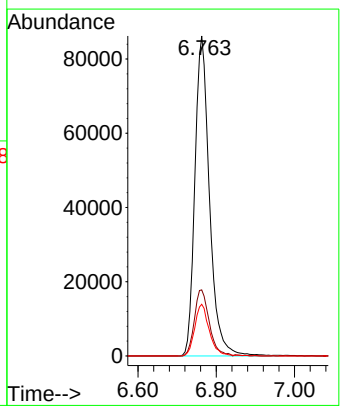


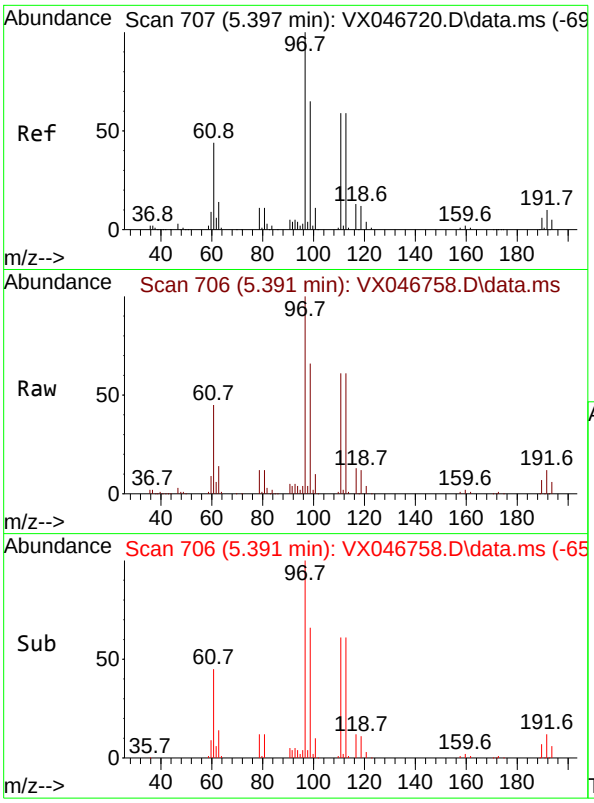


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:114 Resp: 224265

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.2
88	16.2	0.0	33.2

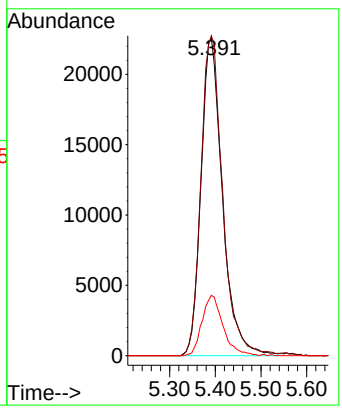




#35
Dibromofluoromethane
Concen: 49.476 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:113 Resp: 7341

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	18.6	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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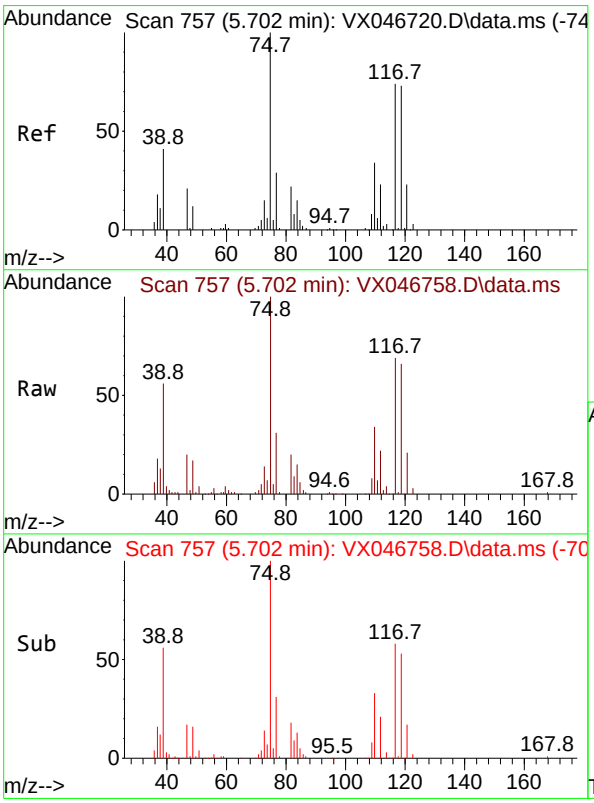
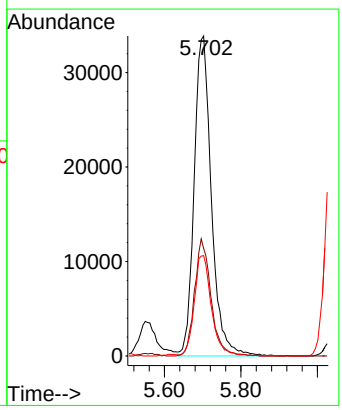
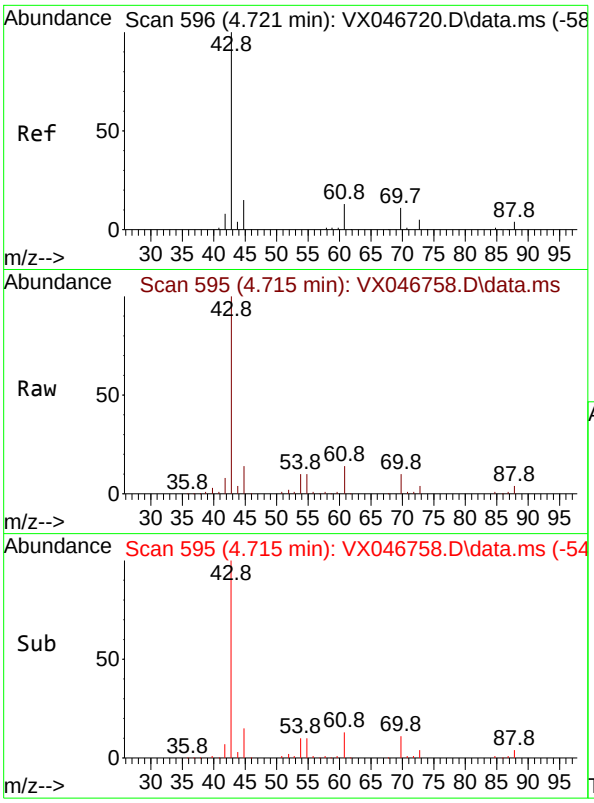


#36
1,1-Dichloropropene
Concen: 49.493 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 75 Resp: 106011

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.2	51.5
77	31.2	24.2	36.4





#37
Ethyl Acetate
Concen: 40.121 ug/l
RT: 4.715 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 7932

Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.7	14.5
70	10.2	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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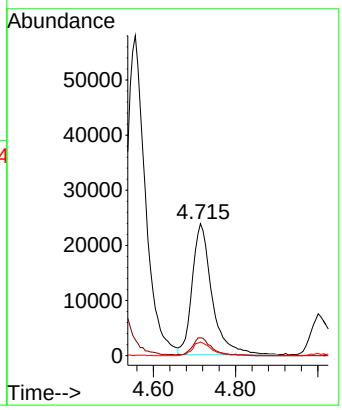
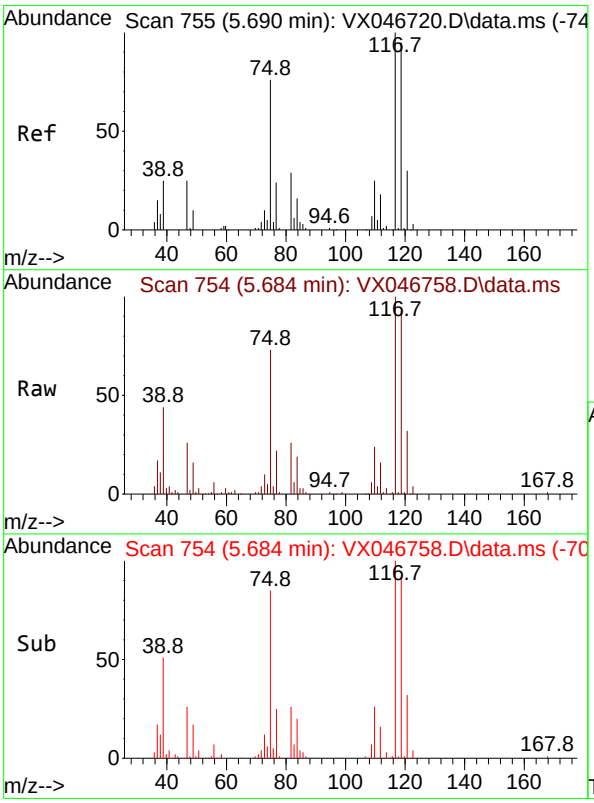
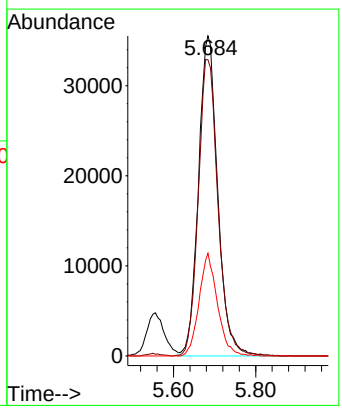


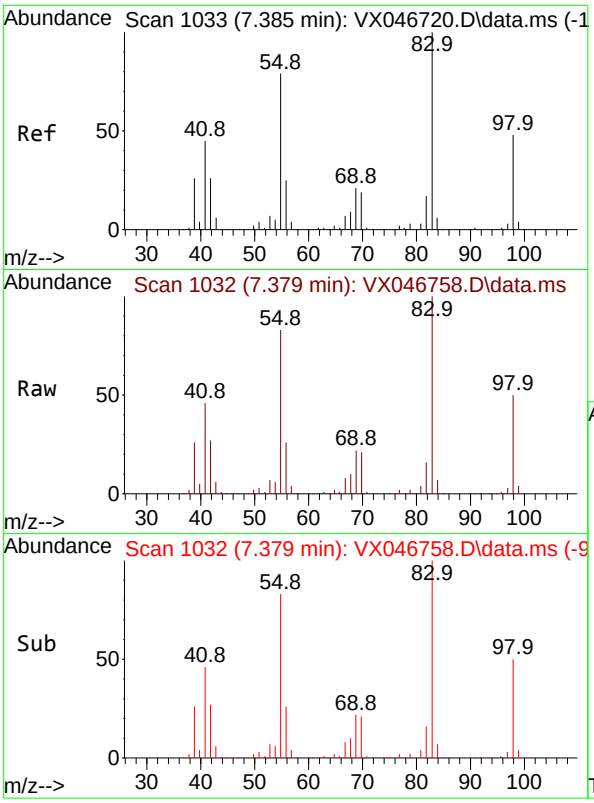


#38
Carbon Tetrachloride
Concen: 49.715 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:117 Resp: 115565

Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.2	112.8
121	32.1	24.1	36.1





#39
Methylcyclohexane
Concen: 49.848 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 83 Resp: 14050

Ion	Ratio	Lower	Upper
83	100		
55	82.7	63.0	94.4
98	50.0	38.8	58.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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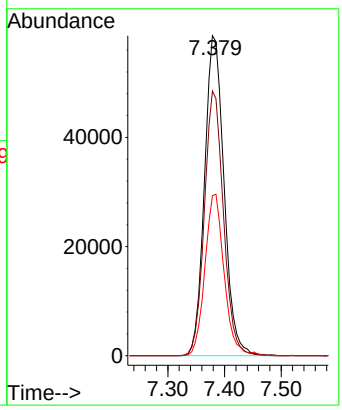
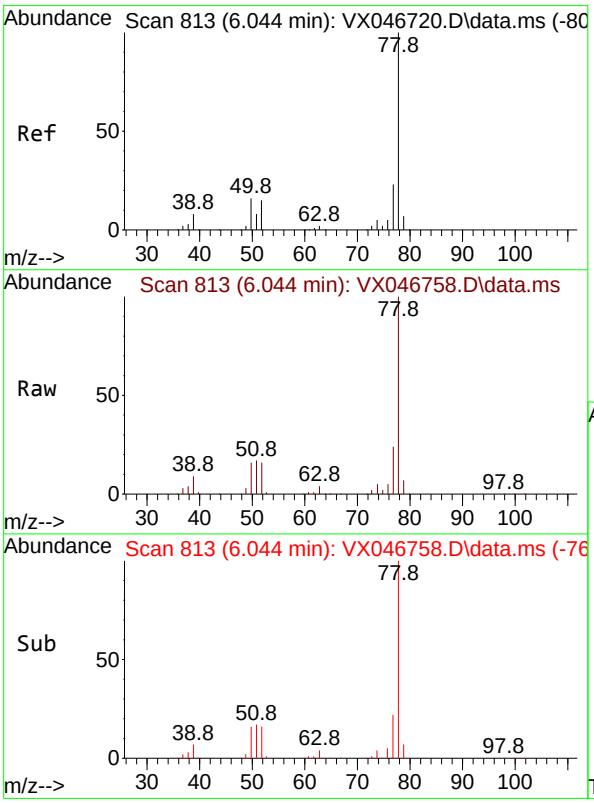
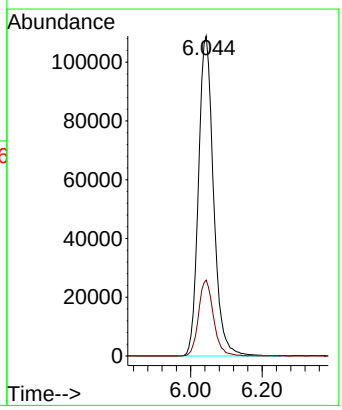


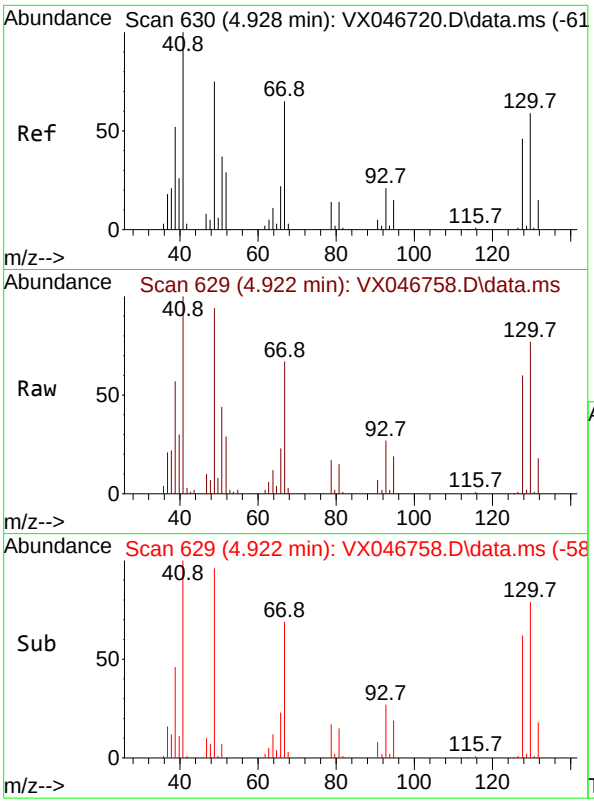


#40
Benzene
Concen: 50.074 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 78 Resp: 317423

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2

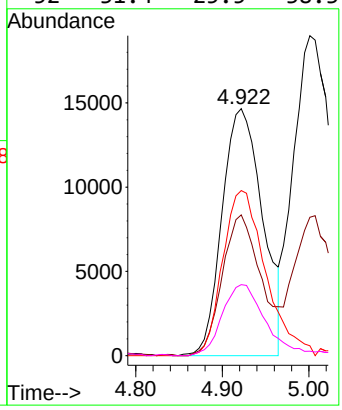




#41
Methacrylonitrile
Concen: 45.417 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 41 Resp: 4787

Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.9	68.9
67	70.2	61.2	91.8
52	31.4	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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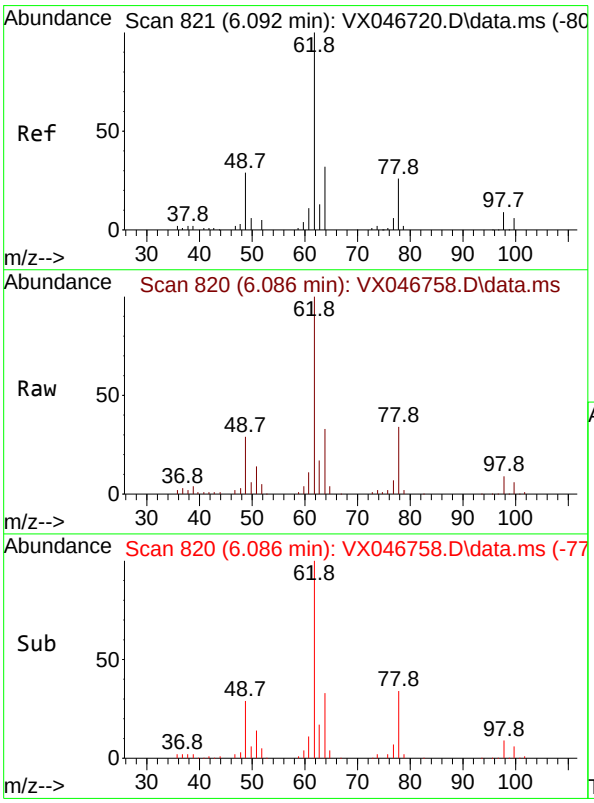
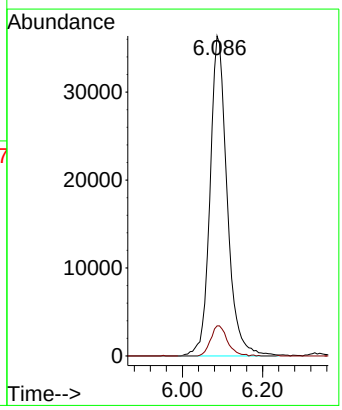
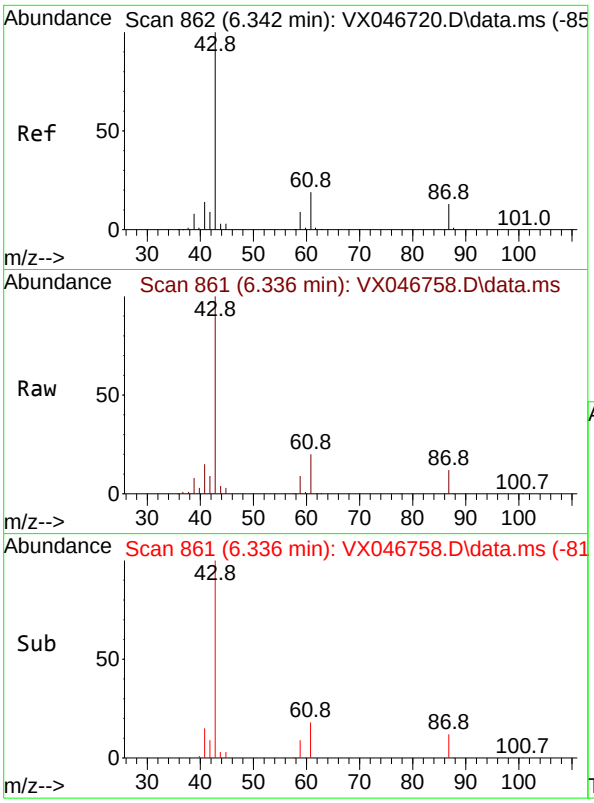


#42
1,2-Dichloroethane
Concen: 48.452 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 62 Resp: 107931

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8





#43
Isopropyl Acetate
Concen: 42.935 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 13283

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.3	22.9
87	12.3	10.0	15.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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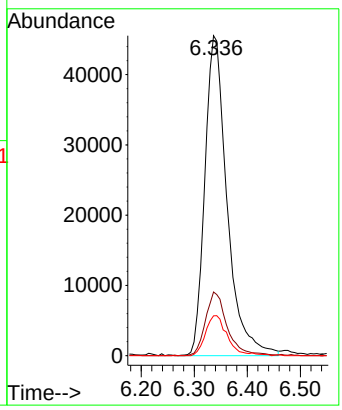
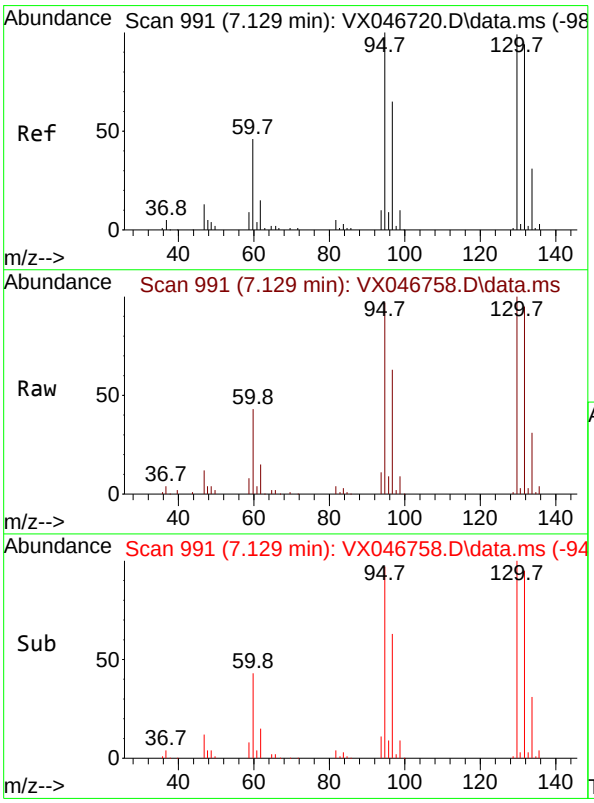
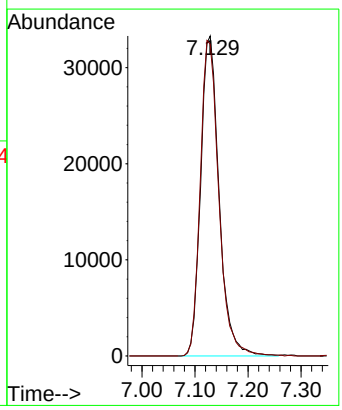


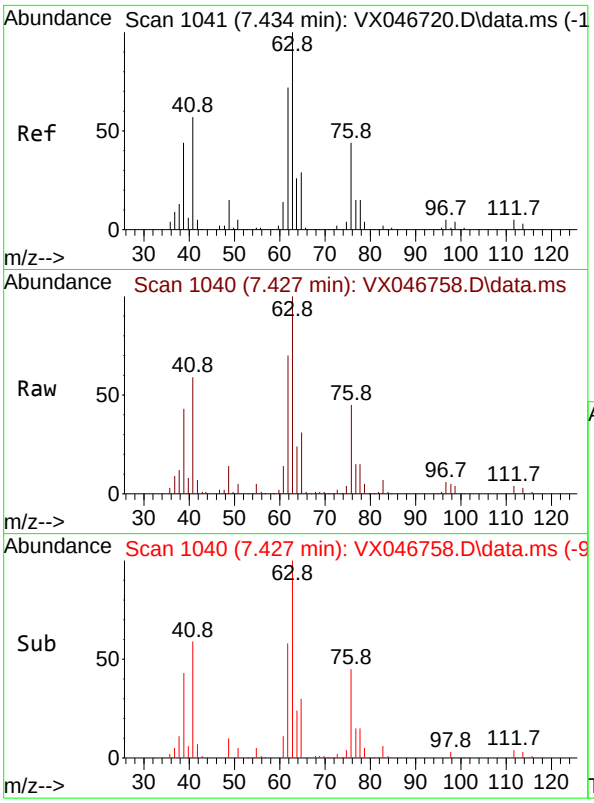


#44
Trichloroethene
Concen: 49.599 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:130 Resp: 80127

Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	202.6





#45
1,2-Dichloropropane
Concen: 50.385 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 63 Resp: 7915

Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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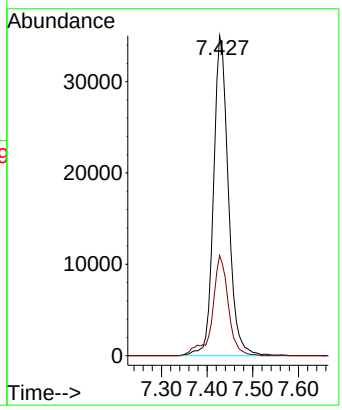
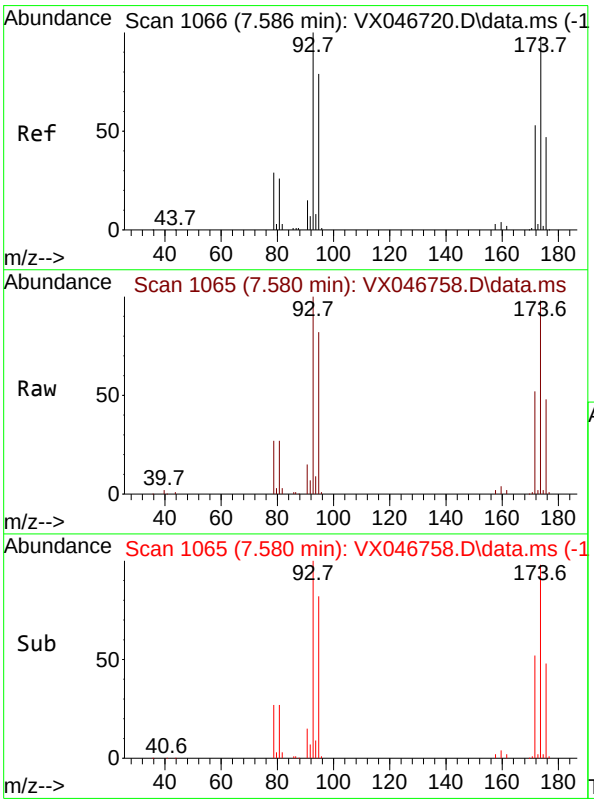
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

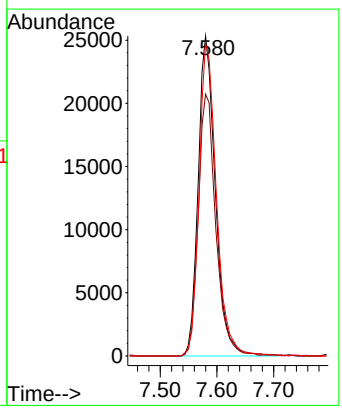


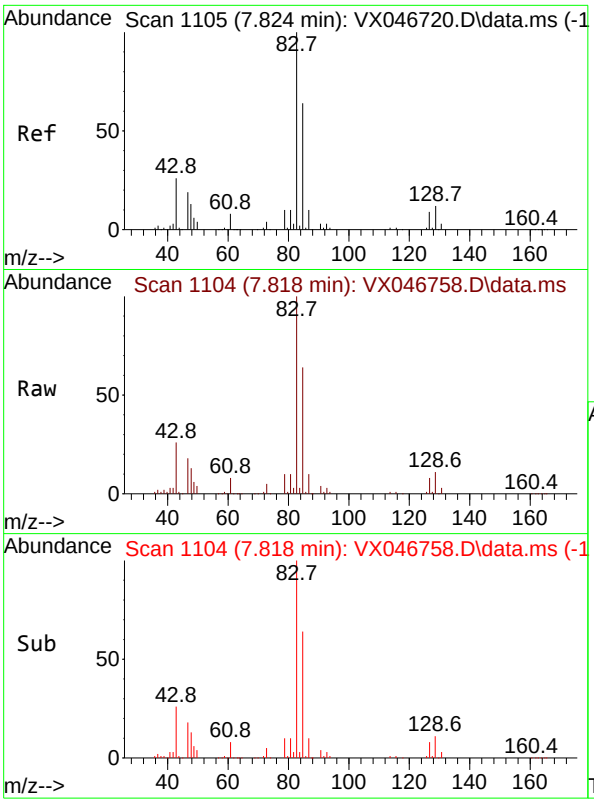


#46
Dibromomethane
Concen: 47.295 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 93 Resp: 53399

Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.2	99.4
174	98.2	77.0	115.6

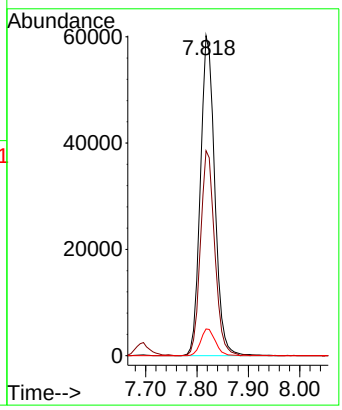




#47
Bromodichloromethane
Concen: 50.703 ug/l
RT: 7.818 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 83 Resp: 11682

Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.4	77.2
127	8.3	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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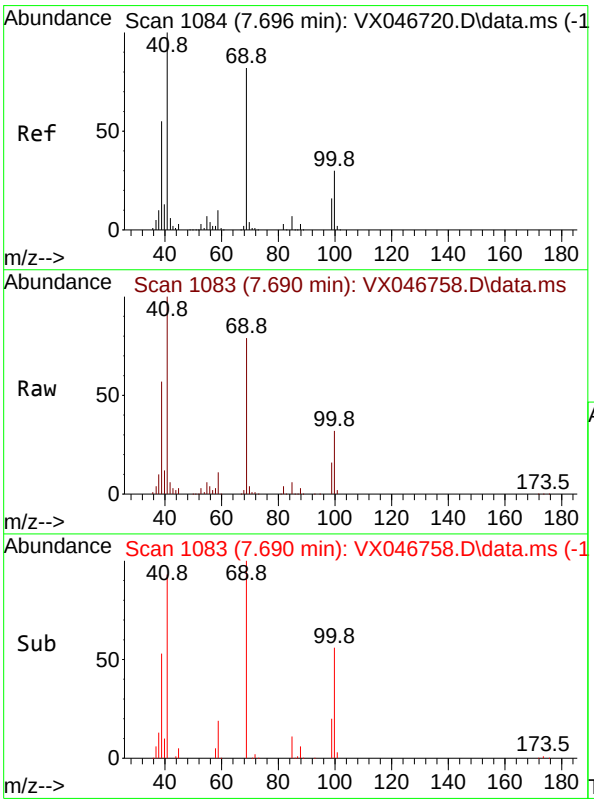
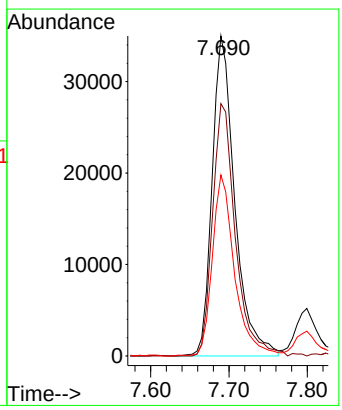
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

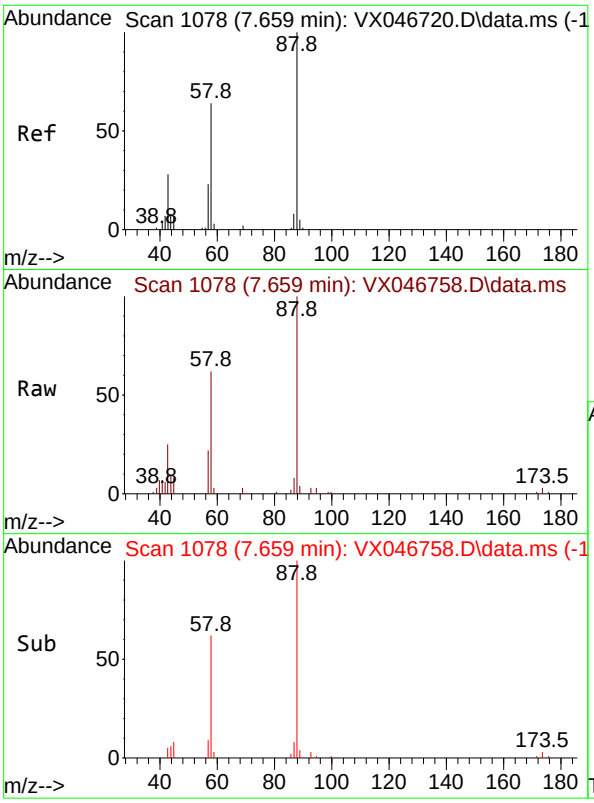


#48
Methyl methacrylate
Concen: 45.316 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 41 Resp: 70314

Ion	Ratio	Lower	Upper
41	100		
69	79.5	63.4	95.2
39	55.5	45.4	68.0





#49
1,4-Dioxane
Concen: 714.909 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 88 Resp: 1595

Ion	Ratio	Lower	Upper
88	100		
43	37.3	31.2	46.8
58	72.4	54.7	82.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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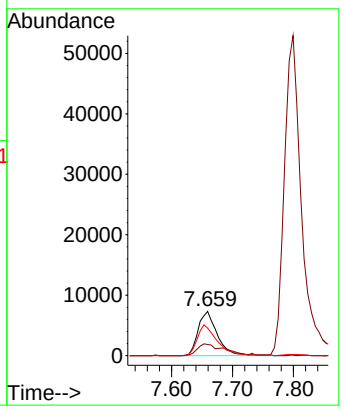
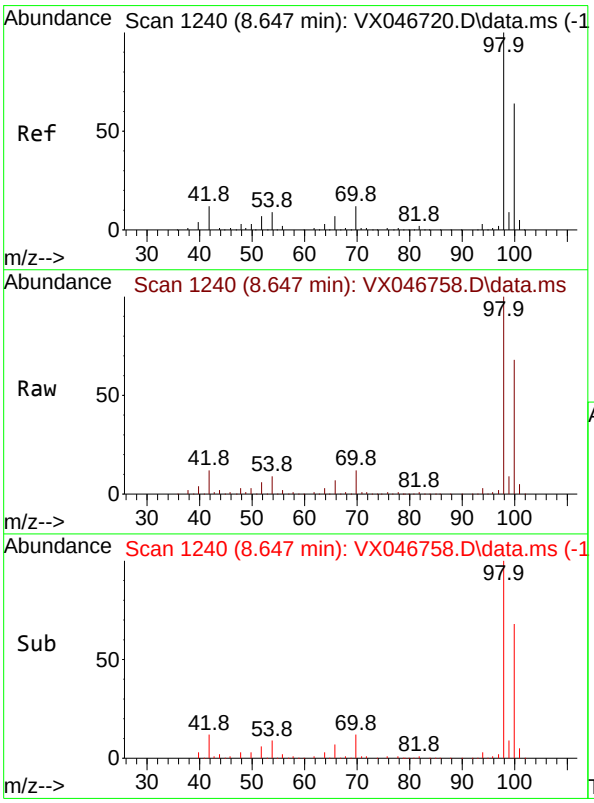
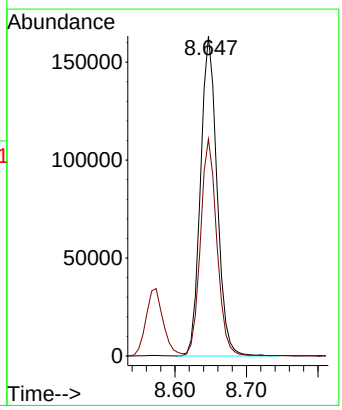


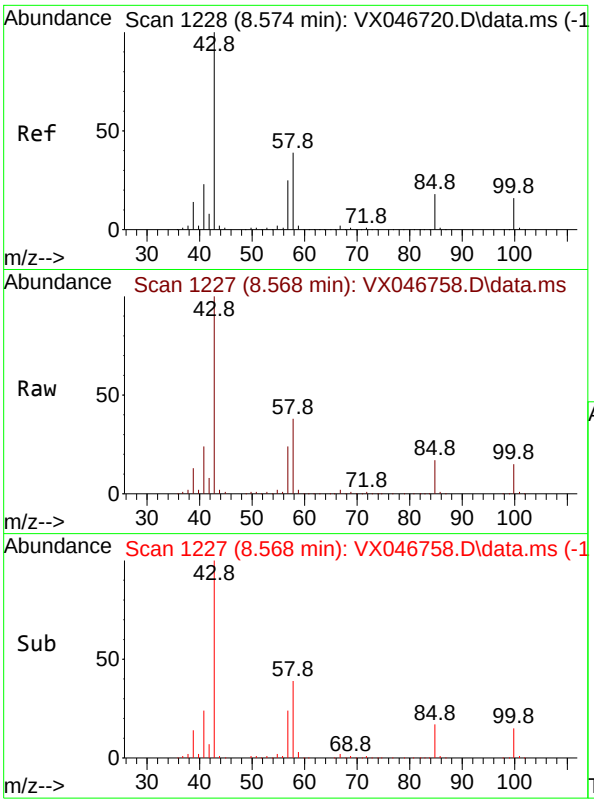


#50
Toluene-d8
Concen: 49.067 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 98 Resp: 261576

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 205.777 ug/l
RT: 8.568 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 37970

Ion	Ratio	Lower	Upper
43	100		
58	38.4	30.8	46.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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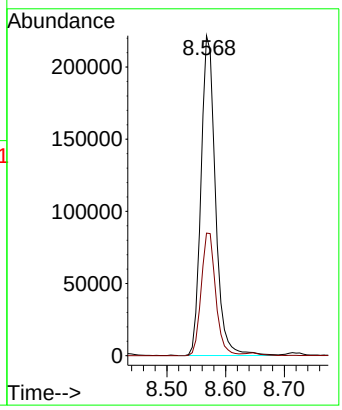
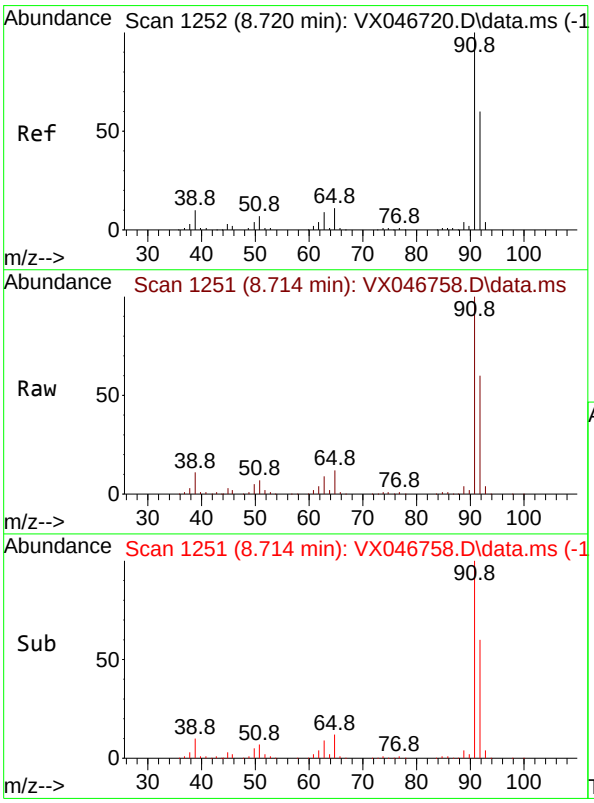
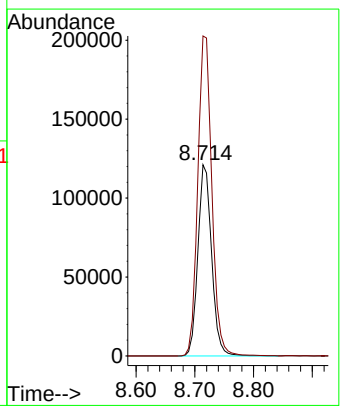


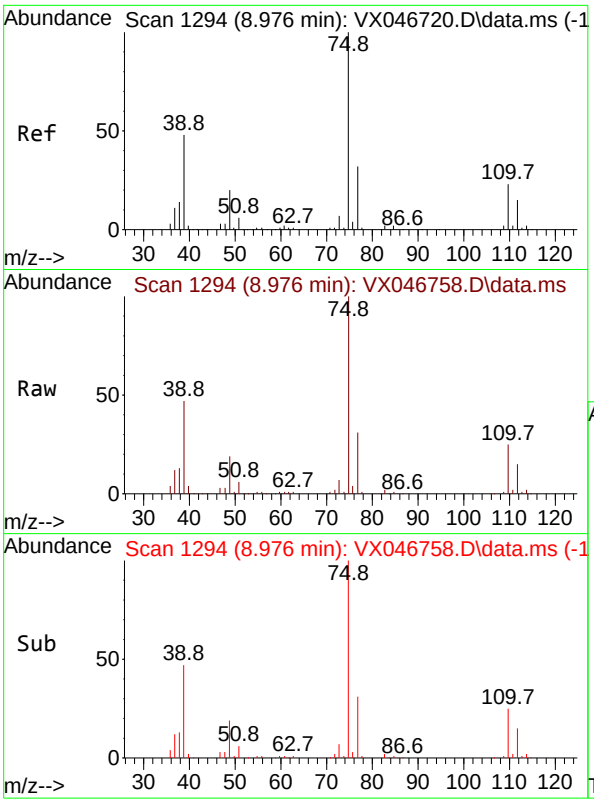


#52
Toluene
Concen: 50.025 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 92 Resp: 196587

Ion	Ratio	Lower	Upper
92	100		
91	171.9	134.8	202.2

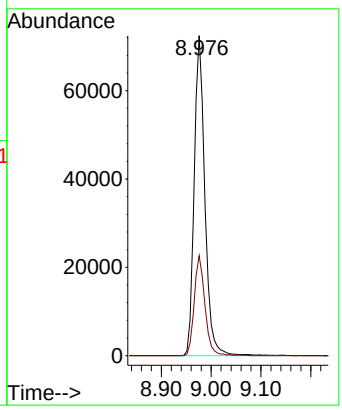




#53
t-1,3-Dichloropropene
Concen: 50.420 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 75 Resp: 10778

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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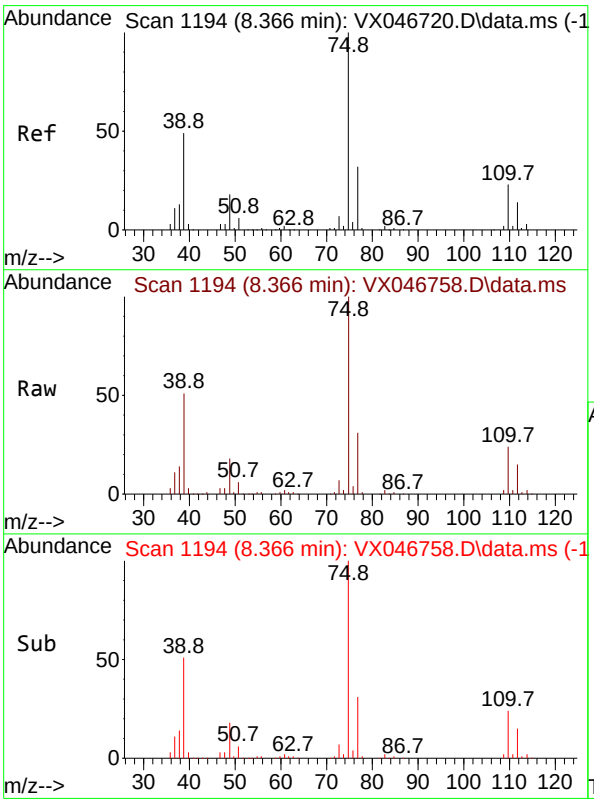
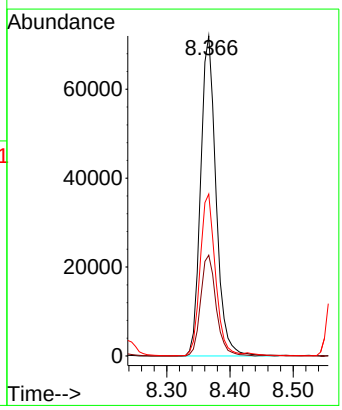
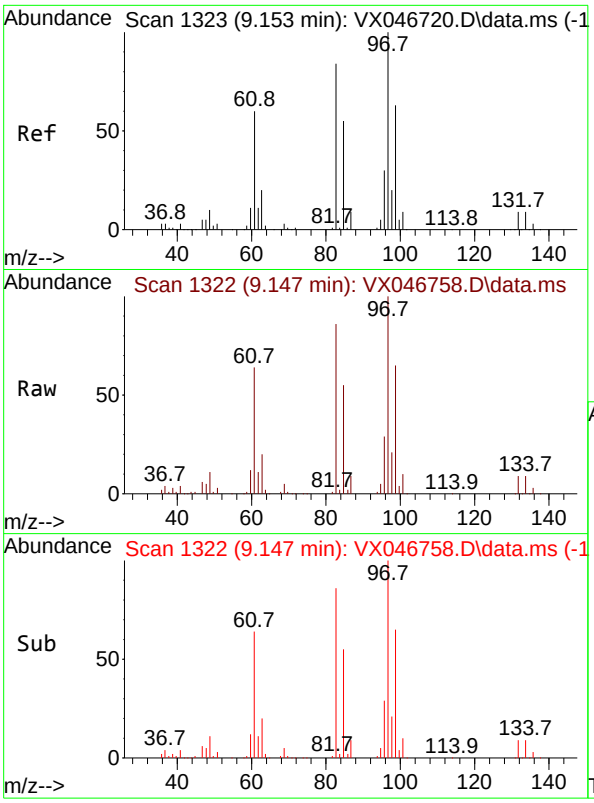


#54
cis-1,3-Dichloropropene
Concen: 50.333 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 75 Resp: 122151

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	50.5	39.2	58.8

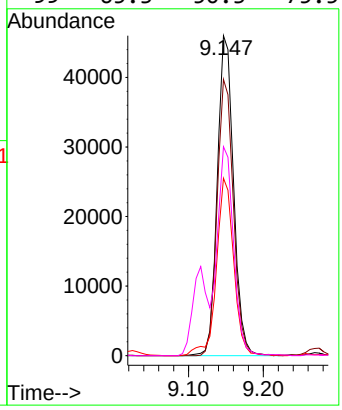




#55
1,1,2-Trichloroethane
Concen: 47.614 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 97 Resp: 6972

Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.2	100.8
85	55.4	44.1	66.1
99	65.3	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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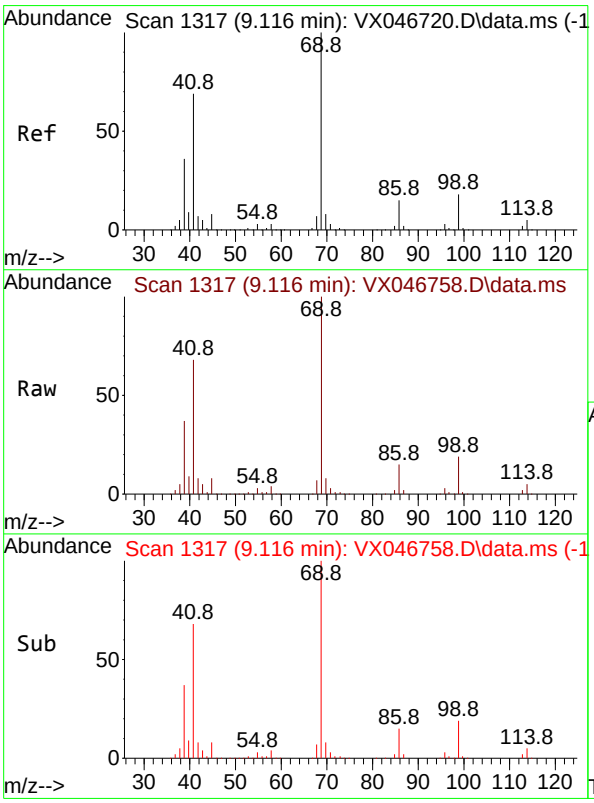
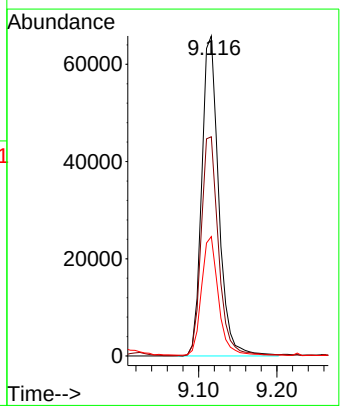
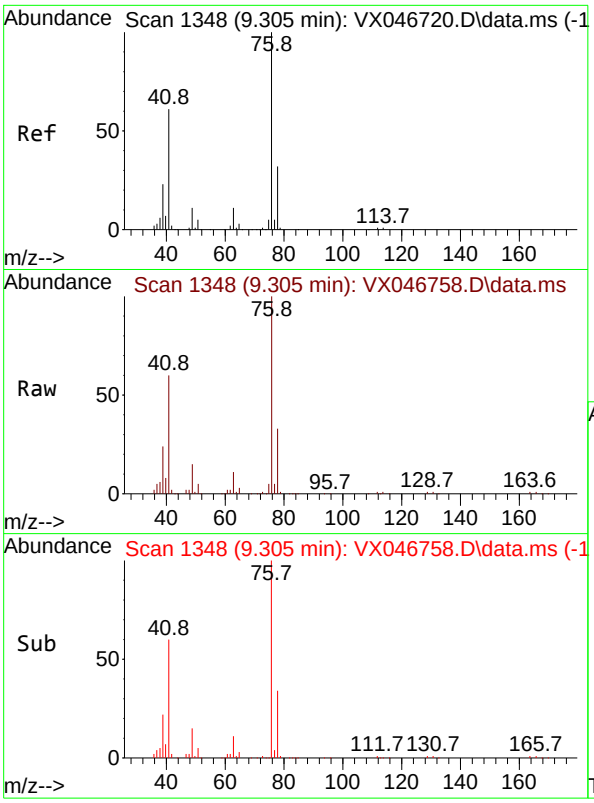


#56
Ethyl methacrylate
Concen: 45.899 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 69 Resp: 99225

Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.4	83.2
39	37.1	29.7	44.5





#57
1,3-Dichloropropane
Concen: 48.408 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 76 Resp: 12208

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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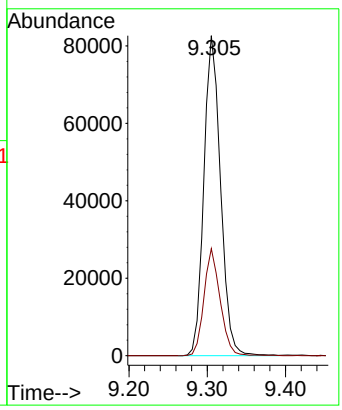
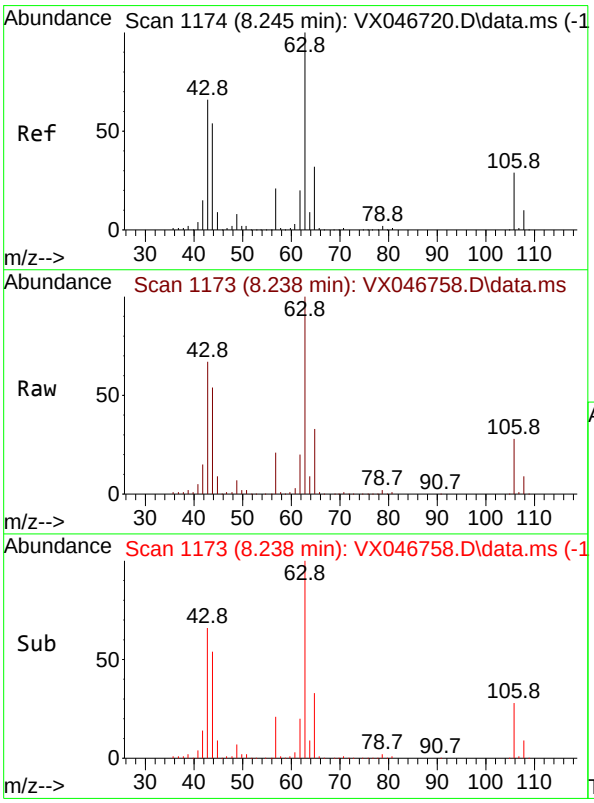
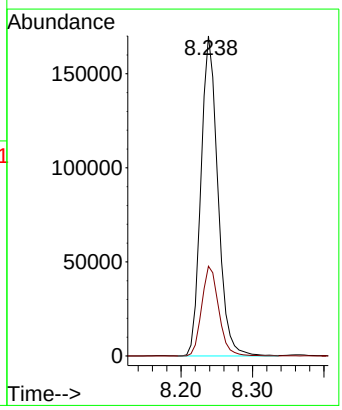


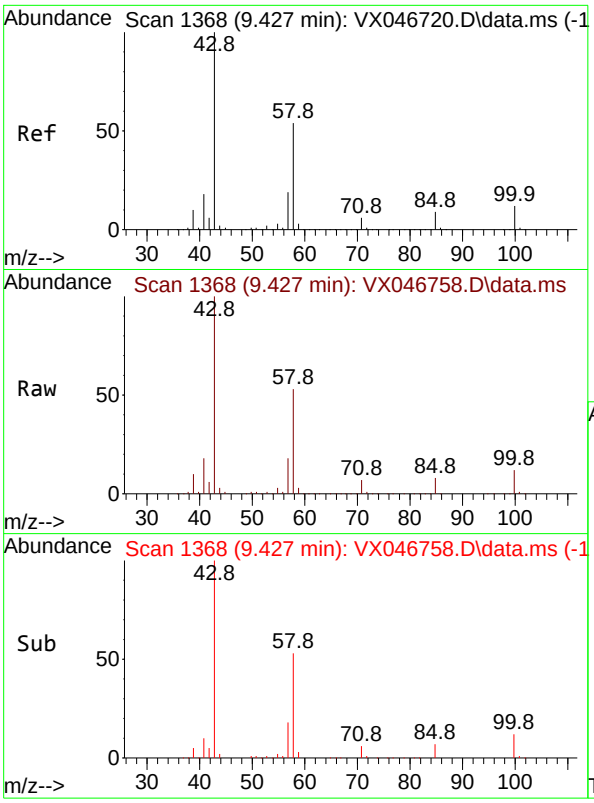


#58
2-Chloroethyl Vinyl ether
Concen: 248.797 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 63 Resp: 279394

Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.6	34.0





#59
2-Hexanone
Concen: 201.475 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 25701

Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.8	80.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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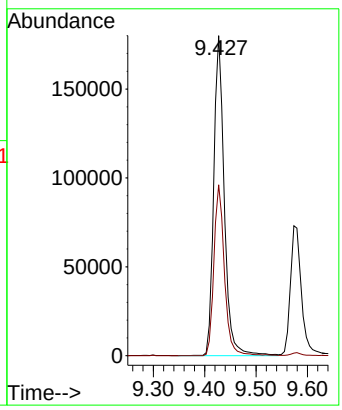
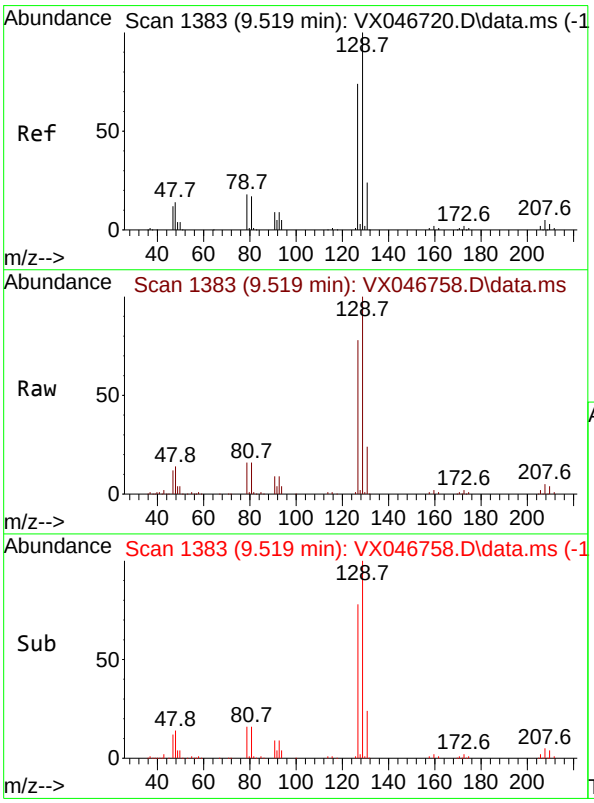
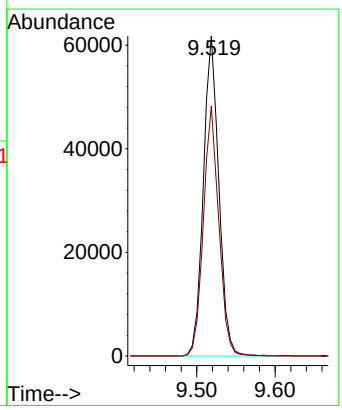


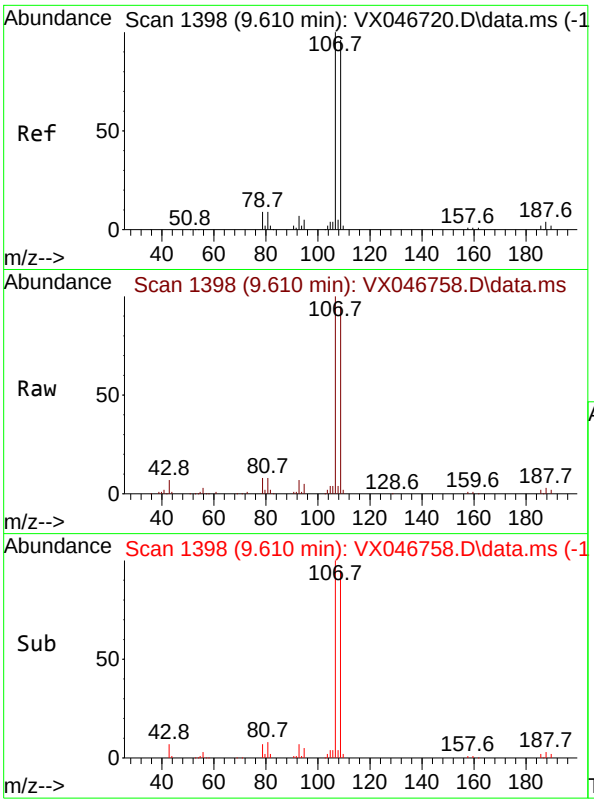


#60
Dibromochloromethane
Concen: 49.021 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:129 Resp: 84603

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.4	115.2





#61
1,2-Dibromoethane
Concen: 47.653 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:107 Resp: 7098

Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.8	113.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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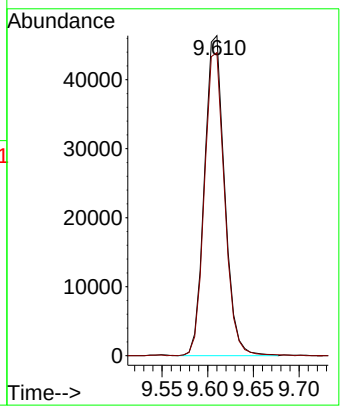
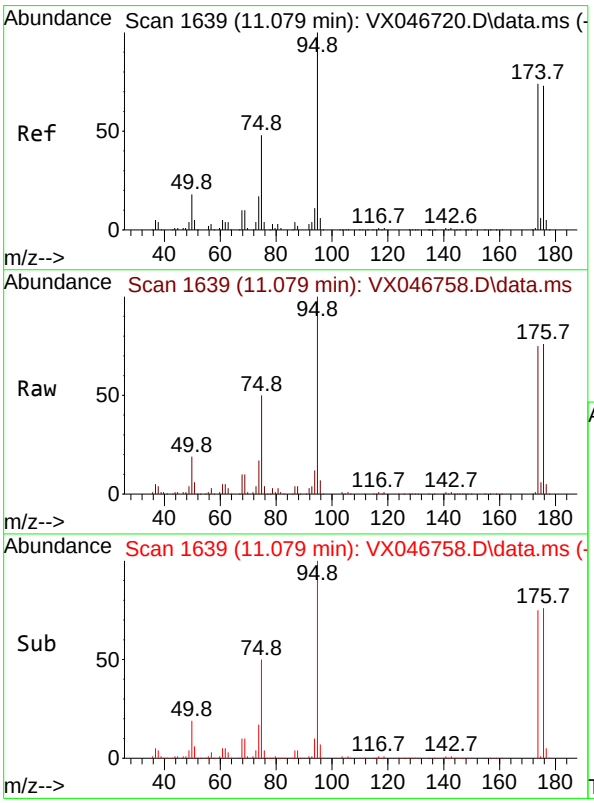
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

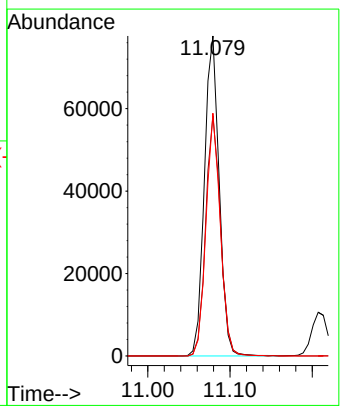


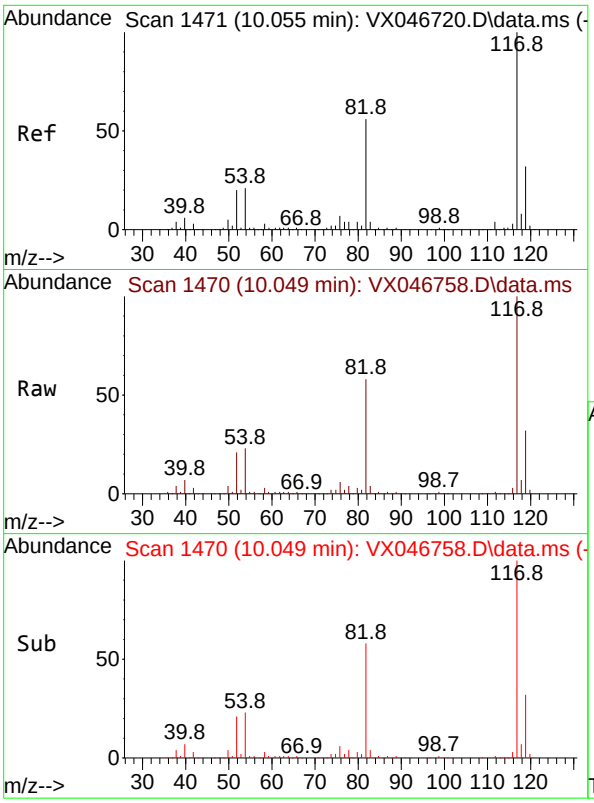


#62
4-Bromofluorobenzene
Concen: 48.823 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 95 Resp: 97021

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	150.4
176	73.0	0.0	145.0

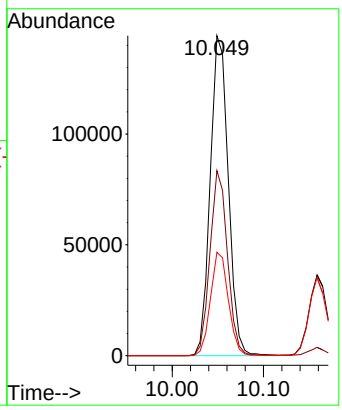




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:117 Resp: 19774

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.6	66.8
119	32.3	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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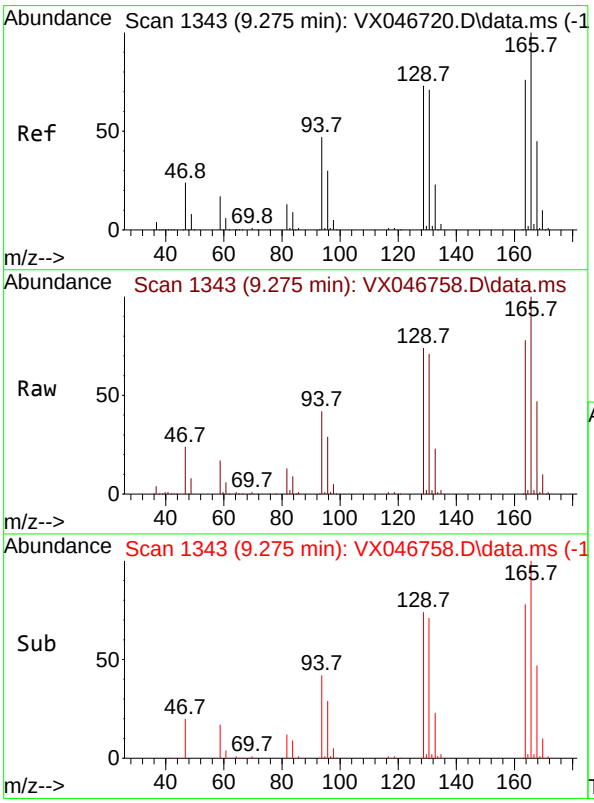
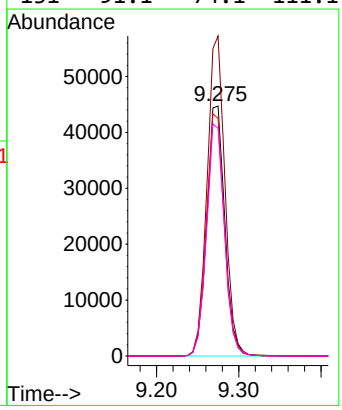
Supervised By :Mahesh Dadoda 06/21/2025

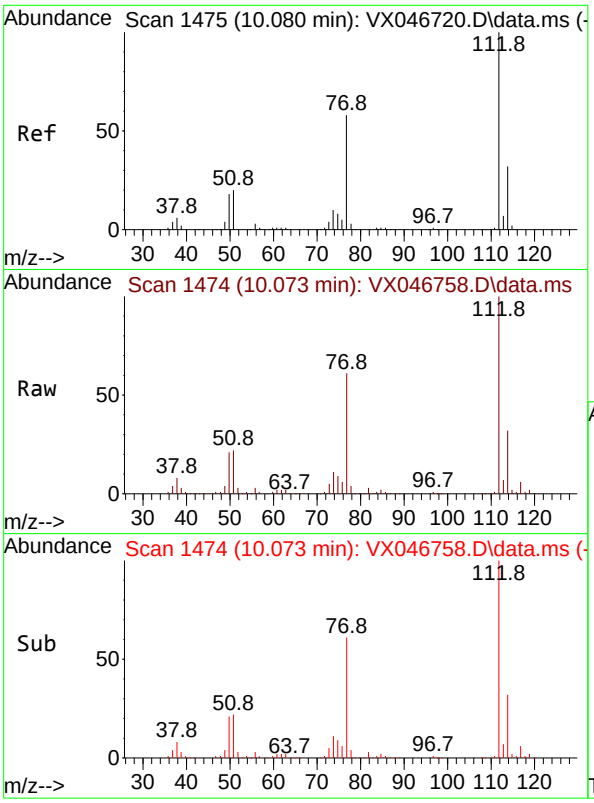


#64
Tetrachloroethene
Concen: 49.587 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:164 Resp: 67934

Ion	Ratio	Lower	Upper
164	100		
166	128.0	104.6	157.0
129	95.0	76.3	114.5
131	91.1	74.1	111.1

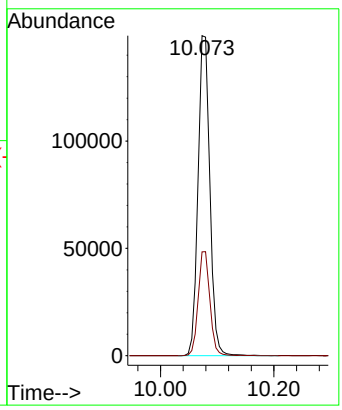




#65
Chlorobenzene
Concen: 49.352 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:112 Resp: 21542

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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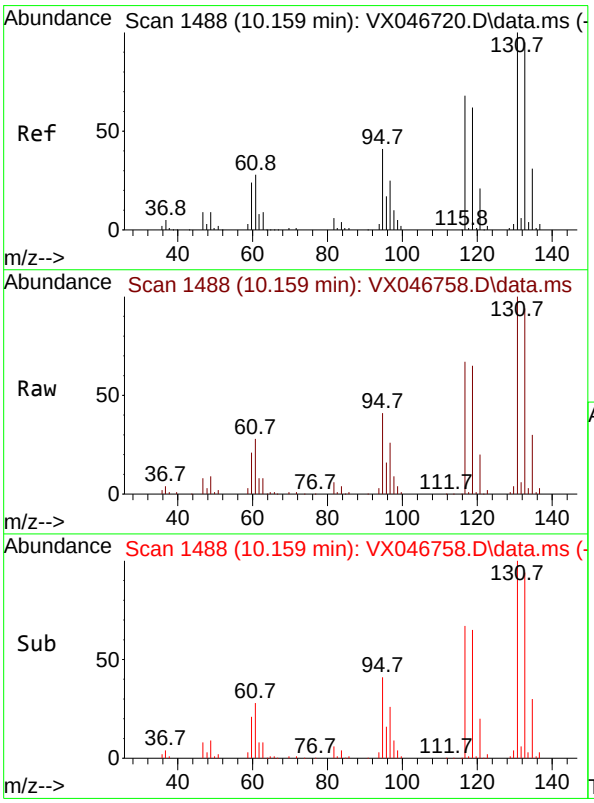
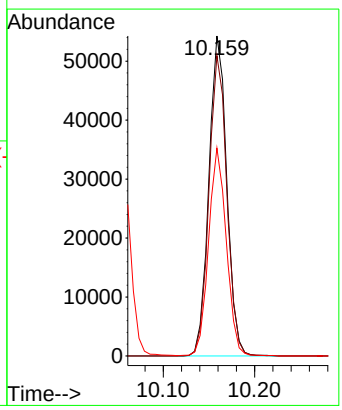
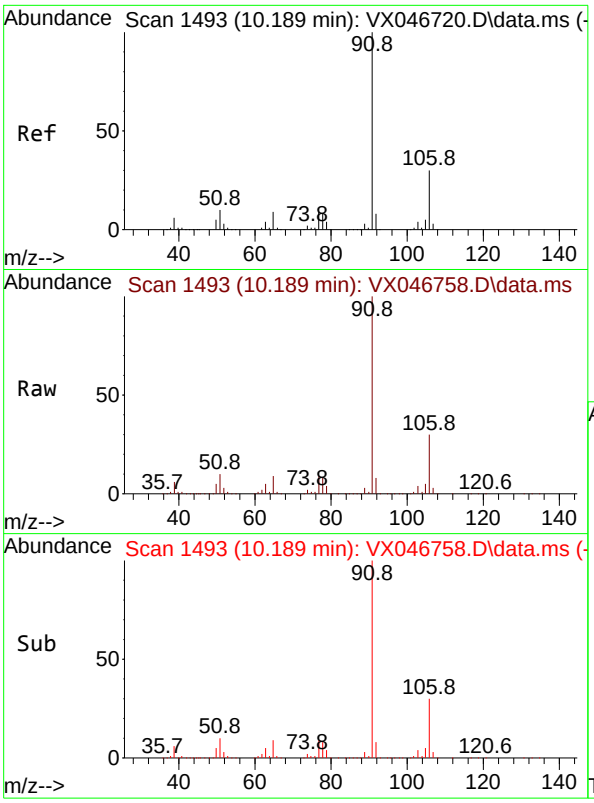


#66
1,1,1,2-Tetrachloroethane
Concen: 50.304 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:131 Resp: 73797

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.3	141.8
119	64.5	32.1	96.3





#67
Ethyl Benzene
Concen: 49.719 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 91 Resp: 37920

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.2	36.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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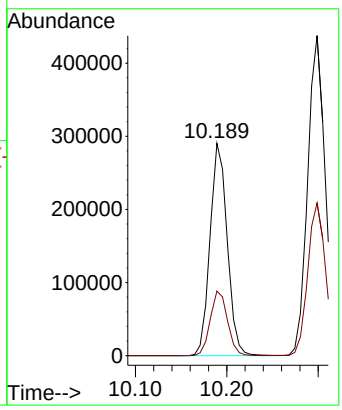
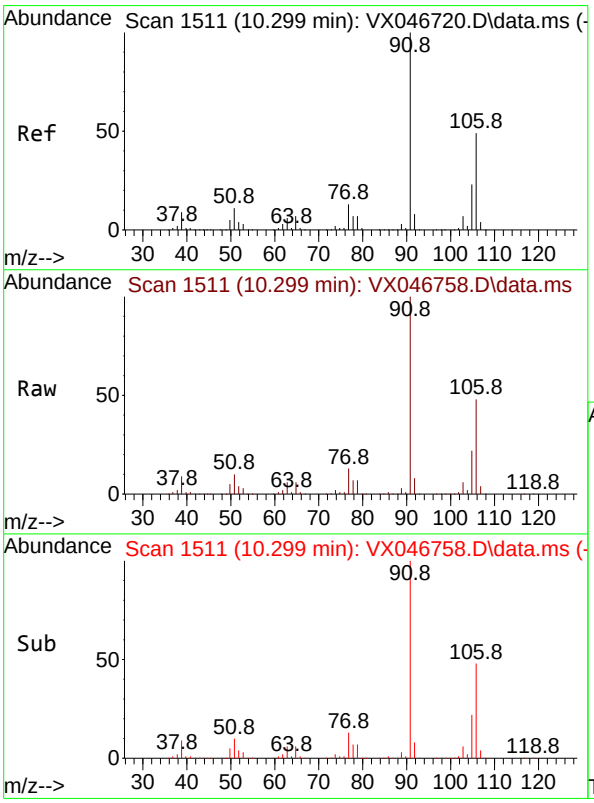
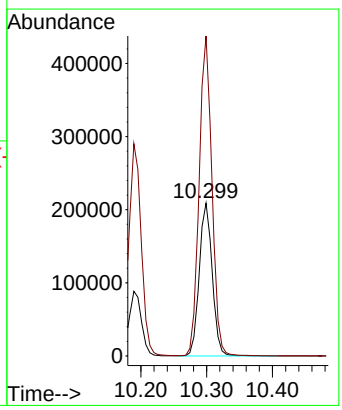


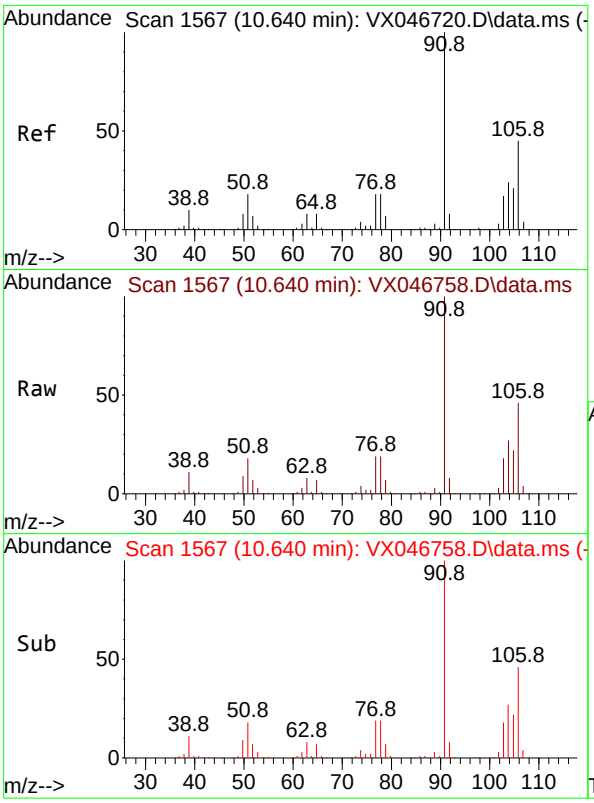


#68
m/p-Xylenes
Concen: 100.703 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:106 Resp: 286180

Ion	Ratio	Lower	Upper
106	100		
91	206.9	164.8	247.2





#69
o-Xylene
Concen: 51.004 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:106 Resp: 13583

Ion	Ratio	Lower	Upper
106	100		
91	220.3	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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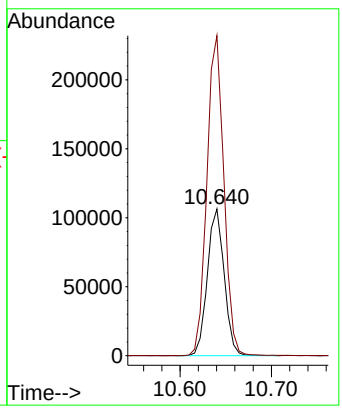
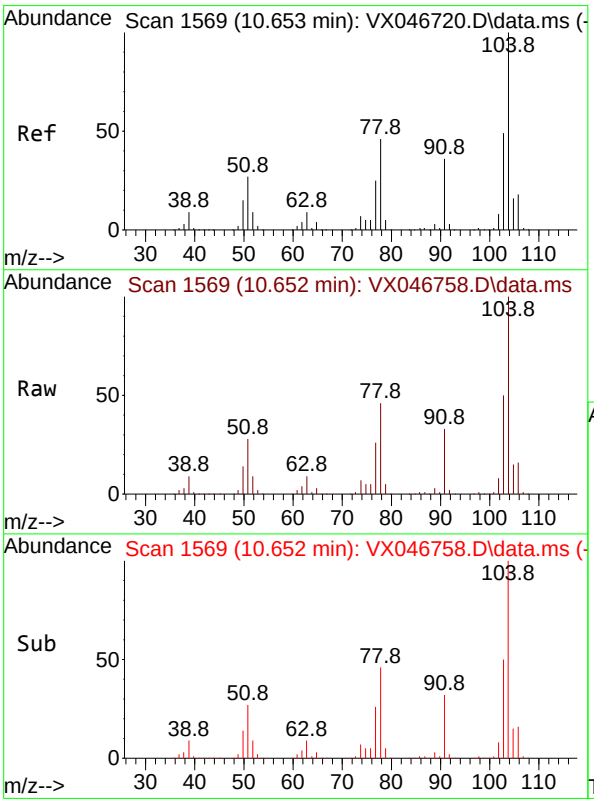
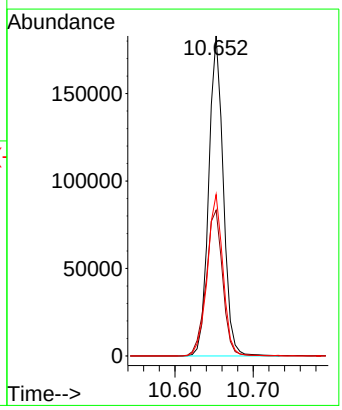


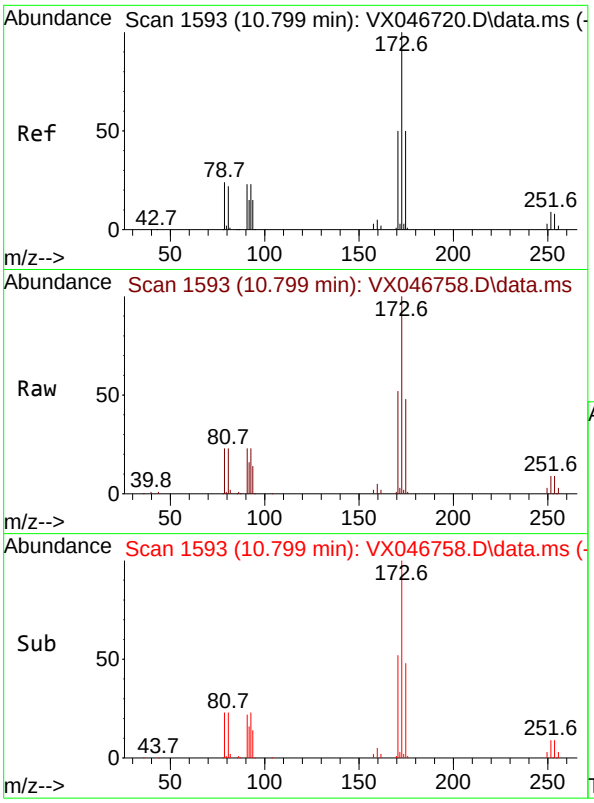


#70
Styrene
Concen: 50.573 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:104 Resp: 235709

Ion	Ratio	Lower	Upper
104	100		
78	51.9	41.4	62.2
103	54.3	43.1	64.7

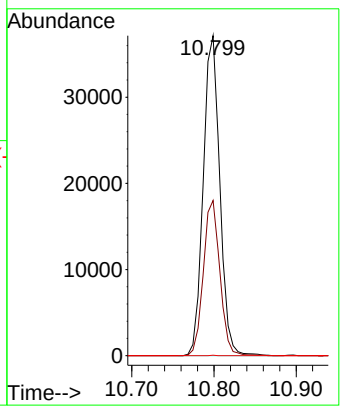




#71
Bromoform
Concen: 46.470 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:173 Resp: 5191

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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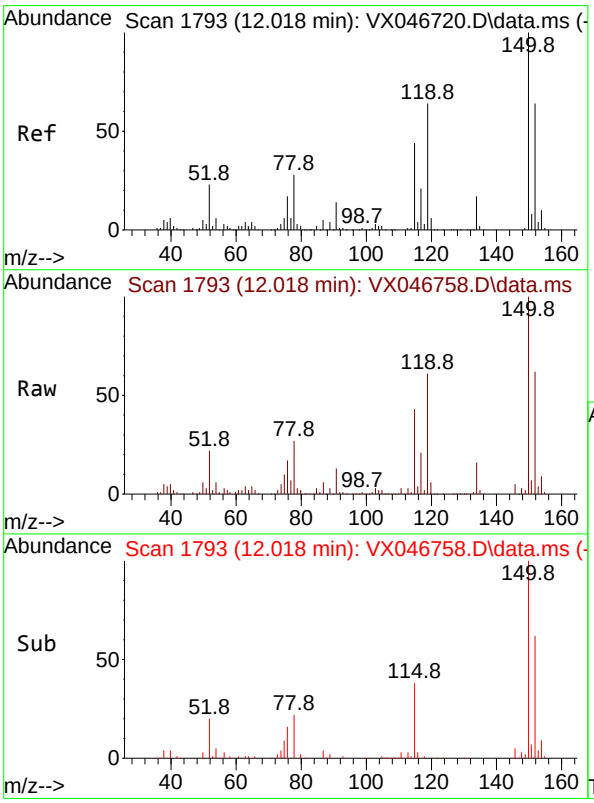
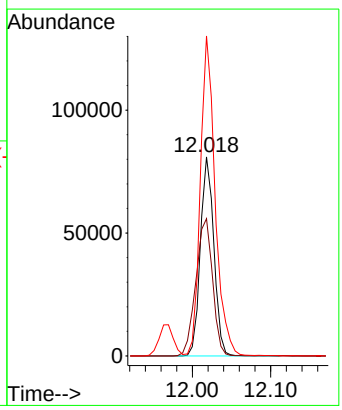
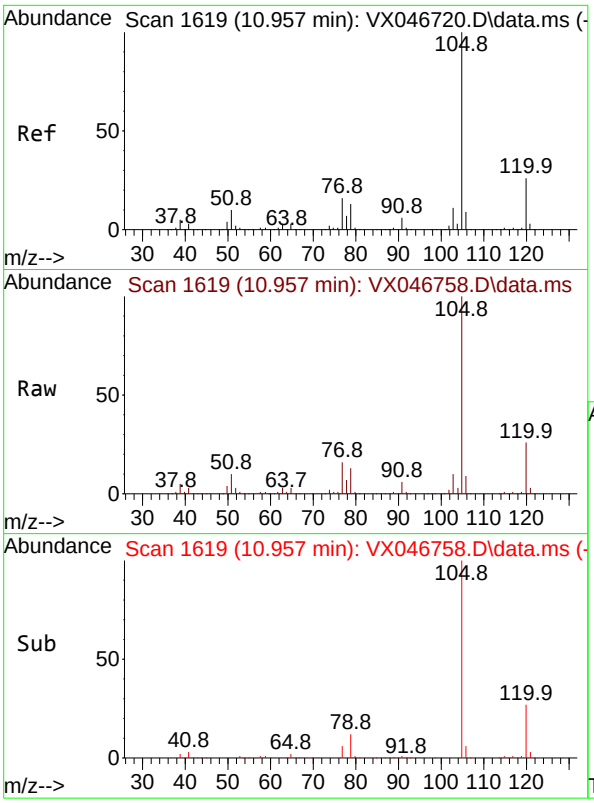


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:152 Resp: 96867

Ion	Ratio	Lower	Upper
152	100		
115	85.5	43.2	129.6
150	175.8	0.0	346.8





#73
Isopropylbenzene
Concen: 50.881 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:105 Resp: 36299

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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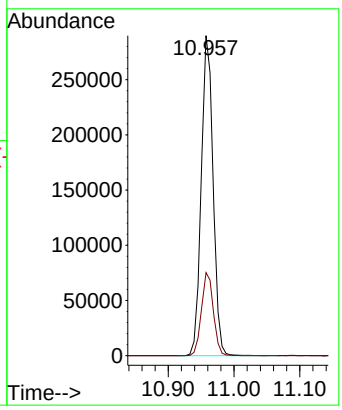
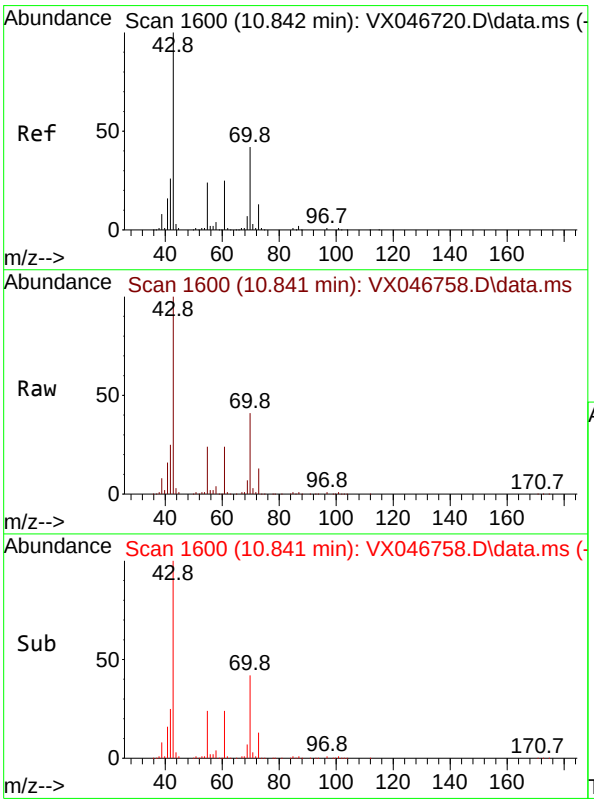
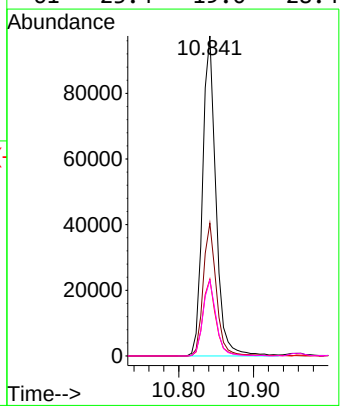


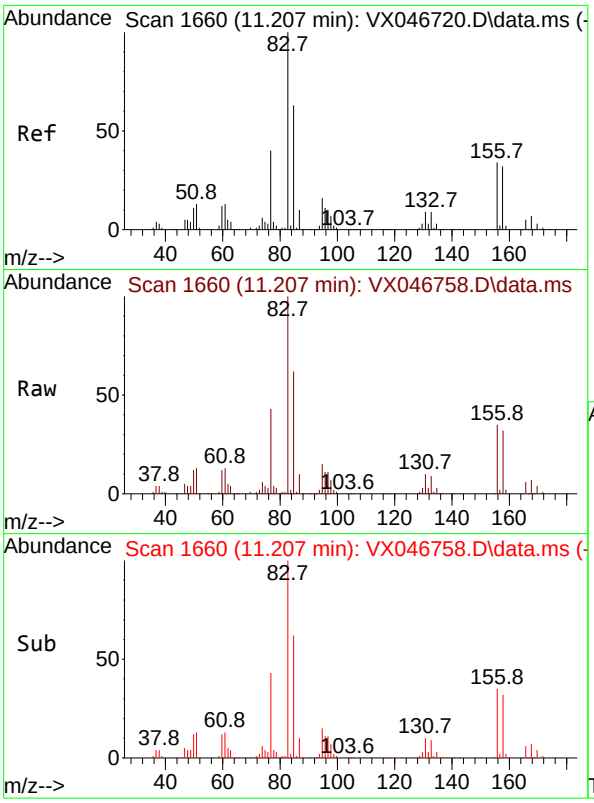


#74
N-amyl acetate
Concen: 44.699 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 120822

Ion	Ratio	Lower	Upper
43	100		
70	41.0	33.4	50.0
55	23.7	19.1	28.7
61	23.4	19.0	28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 45.350 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 83 Resp: 9034

Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.9	14.6
85	63.3	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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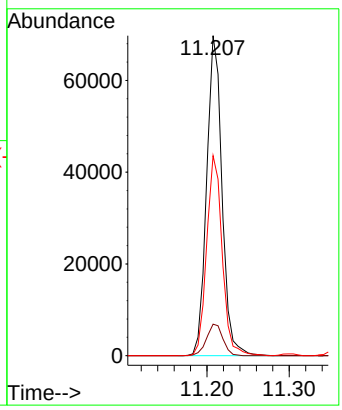
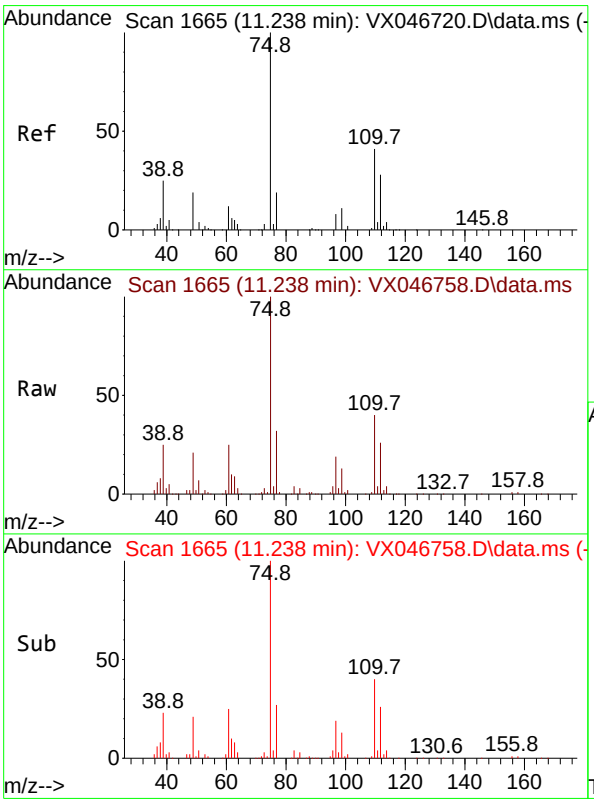
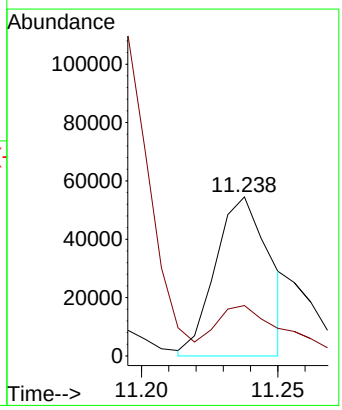


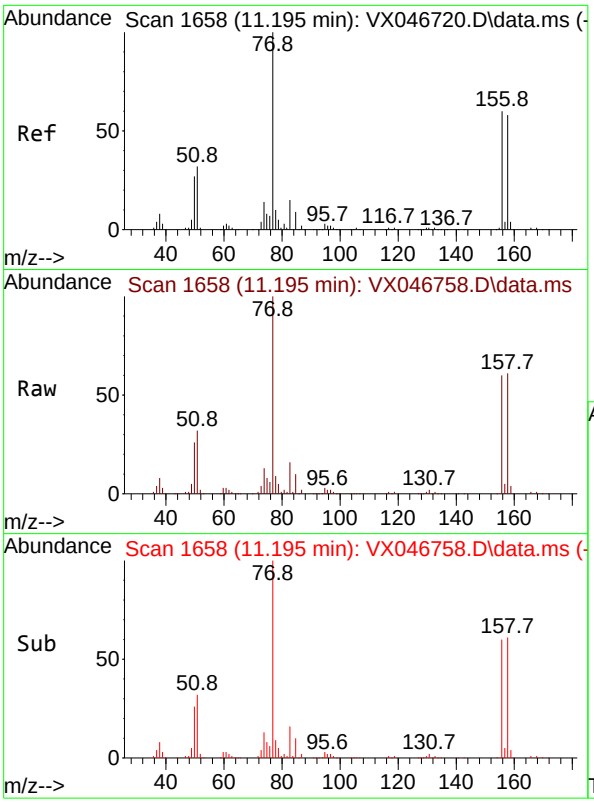


#76
1,2,3-Trichloropropane
Concen: 42.194 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 75 Resp: 74859

Ion	Ratio	Lower	Upper
75	100		
77	40.2	18.5	55.5

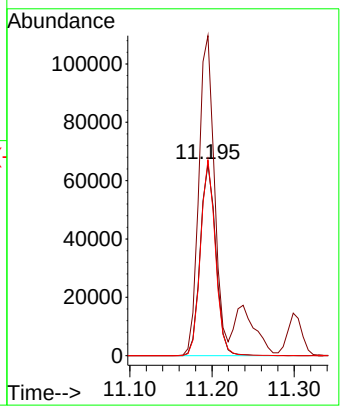




#77
Bromobenzene
Concen: 50.284 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:156 Resp: 8632

Ion	Ratio	Lower	Upper
156	100		
77	167.7	82.8	248.6
158	98.3	47.6	142.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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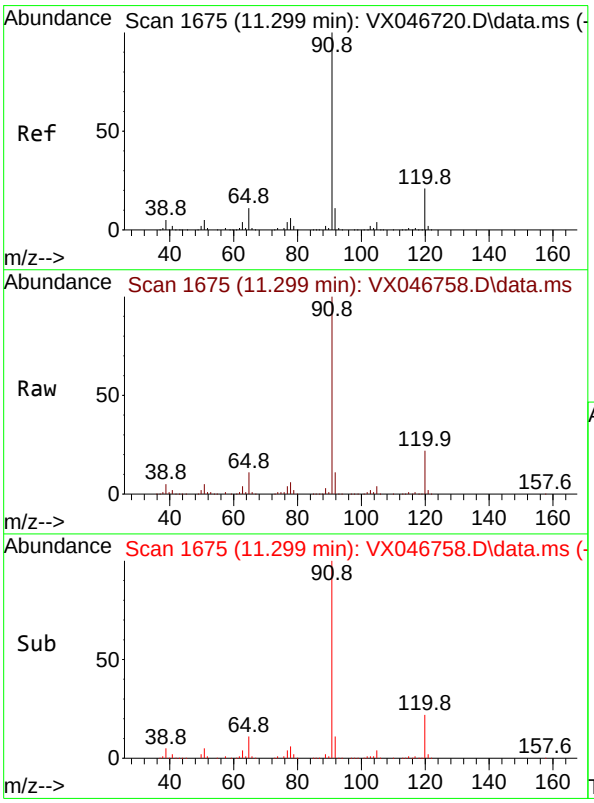
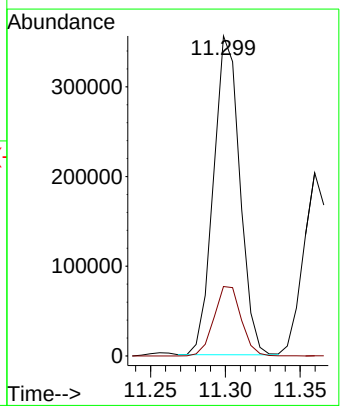
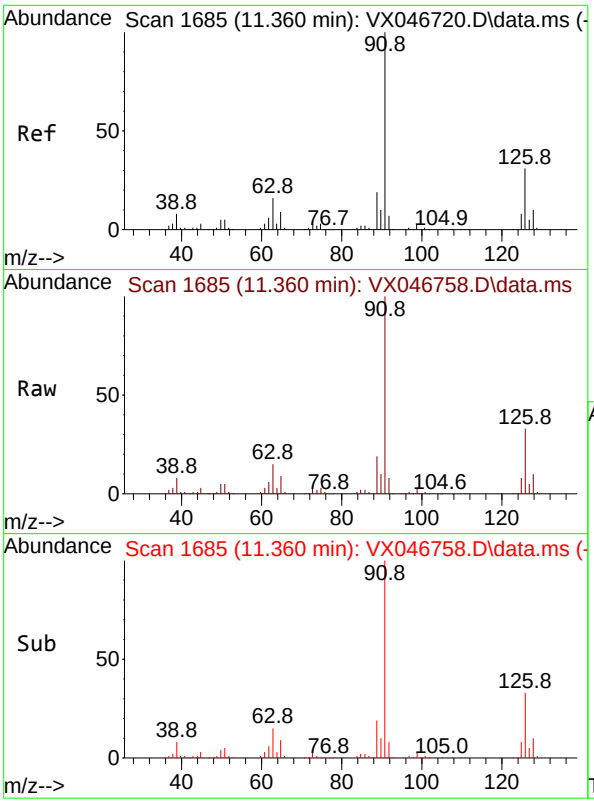


#78
n-propylbenzene
Concen: 51.296 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 91 Resp: 434668

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.1





#79
2-Chlorotoluene
Concen: 49.529 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 91 Resp: 25058

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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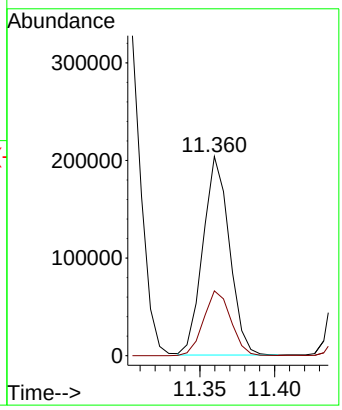
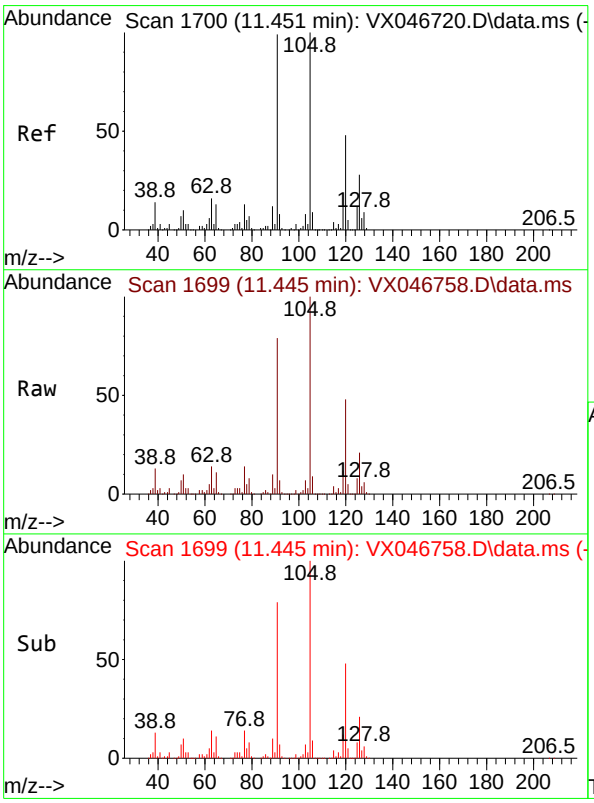
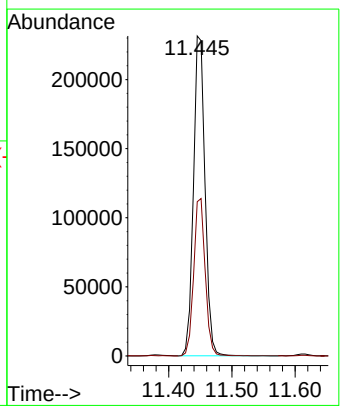


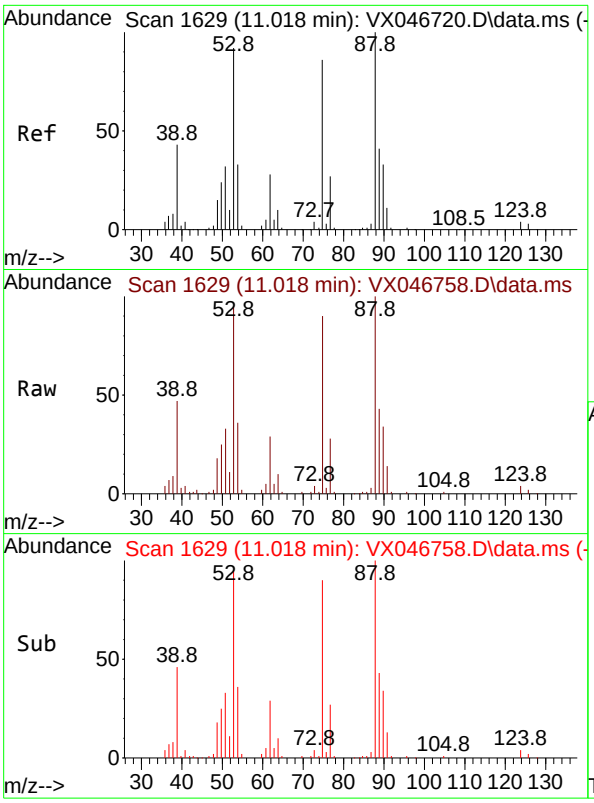


#80
1,3,5-Trimethylbenzene
Concen: 50.244 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:105 Resp: 294565

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 43.036 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 75 Resp: 2701

Ion	Ratio	Lower	Upper
75	100		
53	109.1	86.8	130.2
89	50.3	36.9	55.3

Instrument :
MSVOA_X
ClientSampleId :
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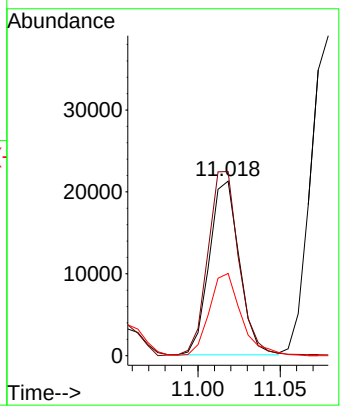
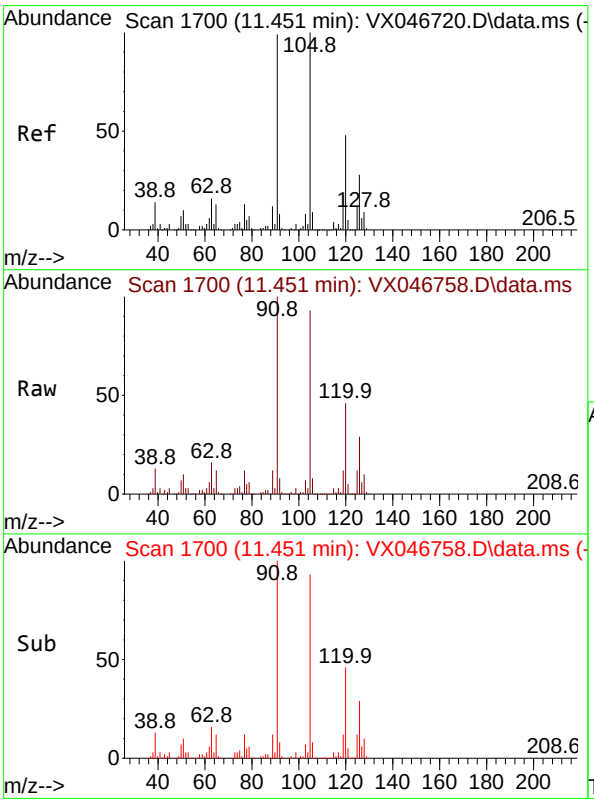
Supervised By :Mahesh Dadoda 06/21/2025

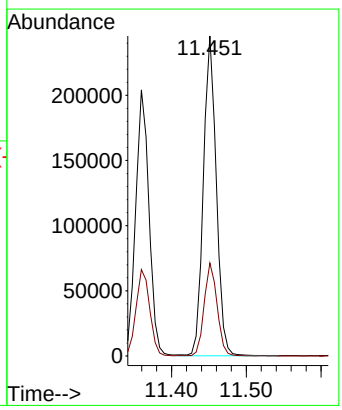


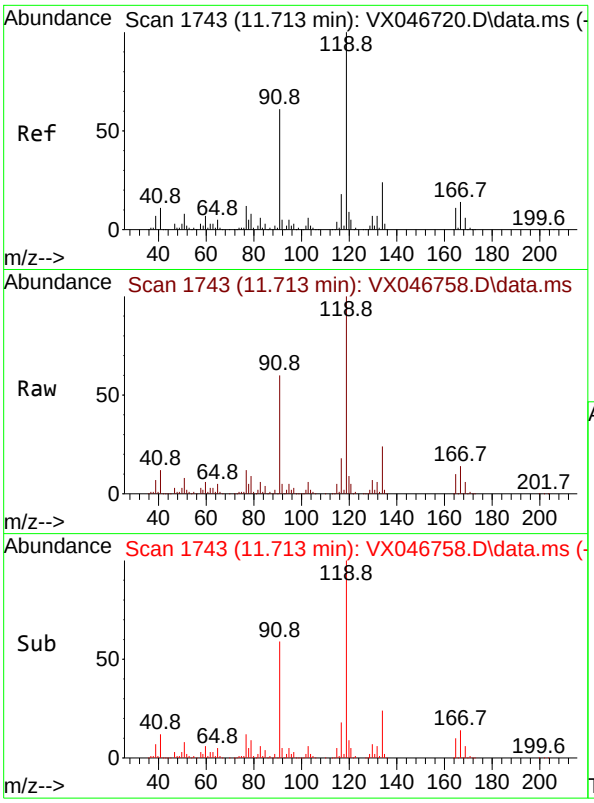


#82
4-Chlorotoluene
Concen: 49.875 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 91 Resp: 294491

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.4	43.2

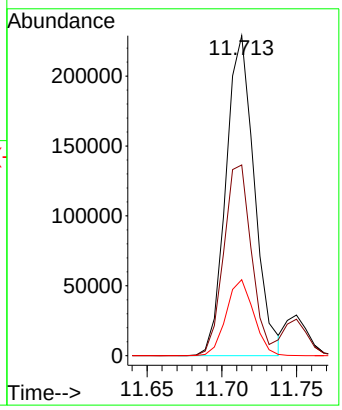




#83
tert-Butylbenzene
Concen: 49.891 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:119 Resp: 30234

Ion	Ratio	Lower	Upper
119	100		
91	58.1	29.5	88.6
134	23.0	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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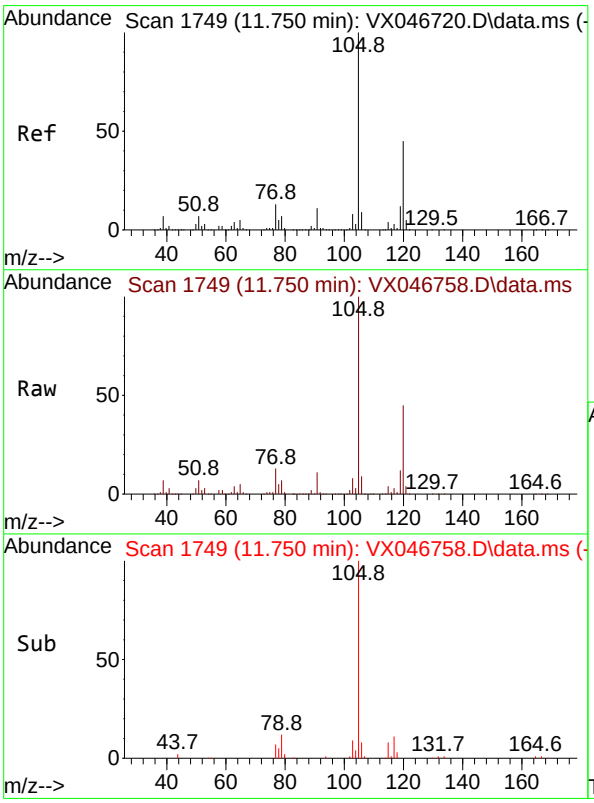
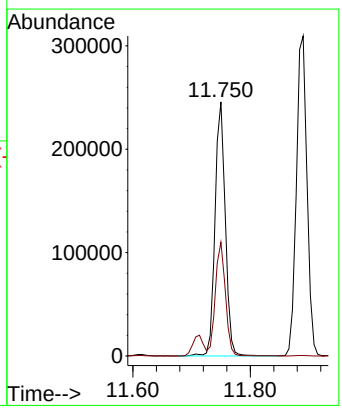
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

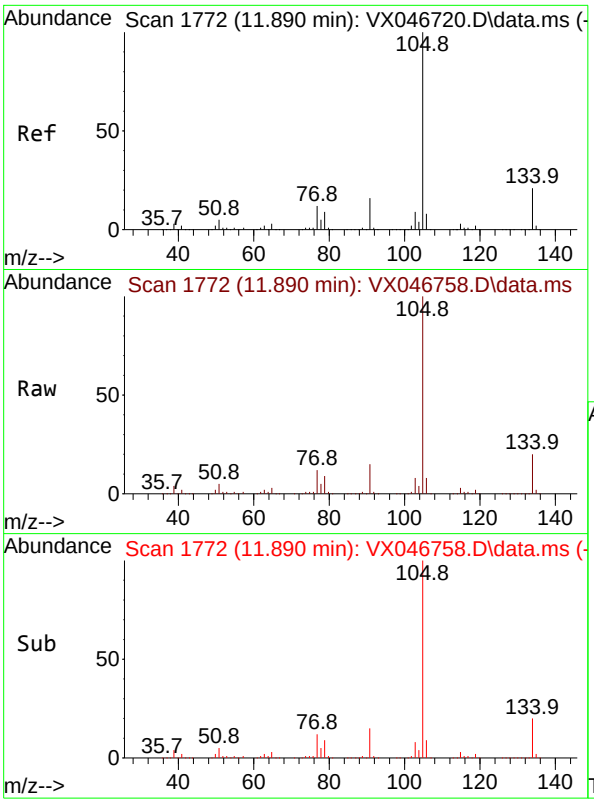


#84
1,2,4-Trimethylbenzene
Concen: 50.692 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:105 Resp: 298590

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.3





#85
sec-Butylbenzene
Concen: 50.841 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:105 Resp: 38938

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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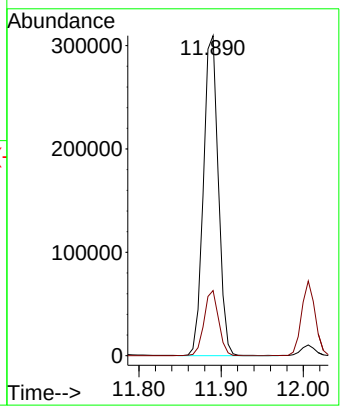
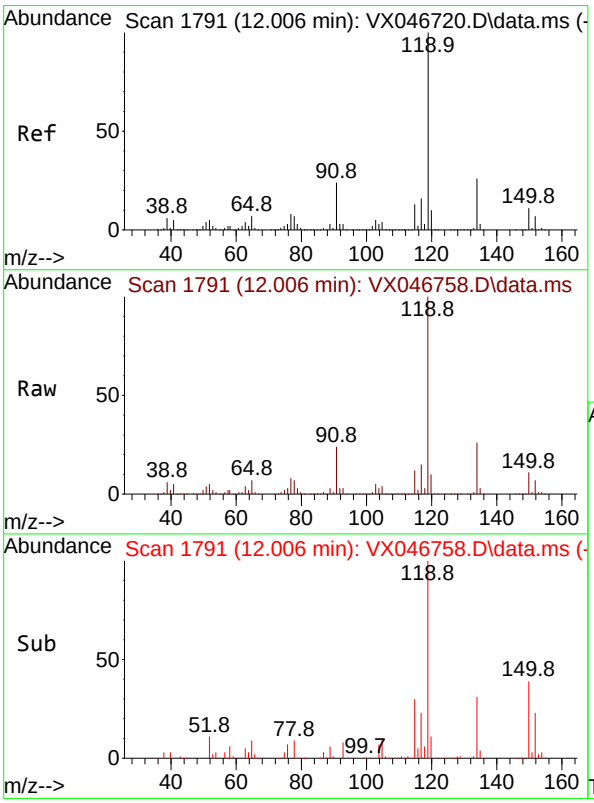
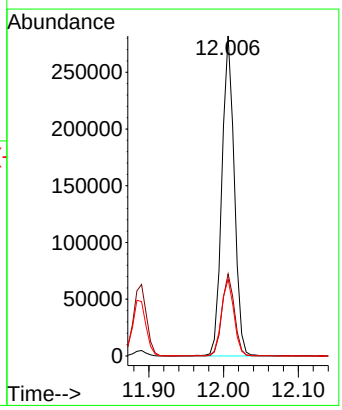


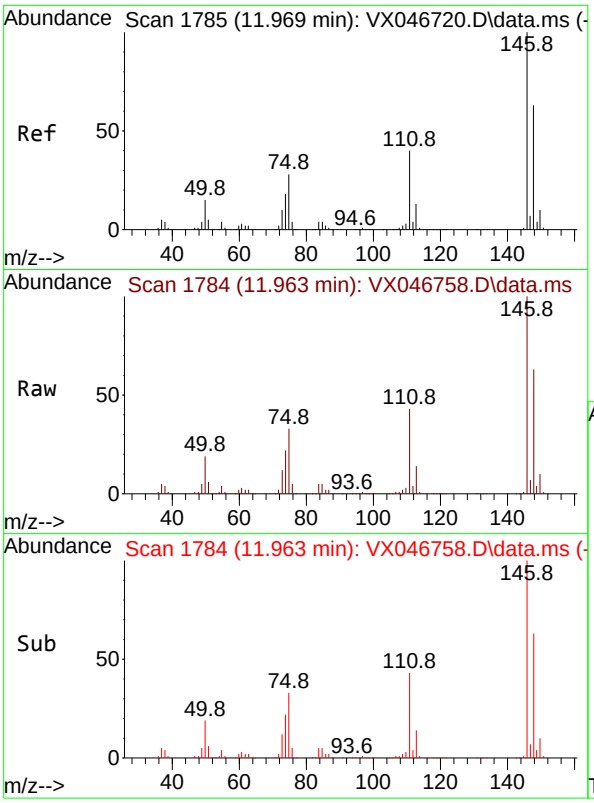


#86
p-Isopropyltoluene
Concen: 50.214 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:119 Resp: 324490

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	24.3	12.3	36.9

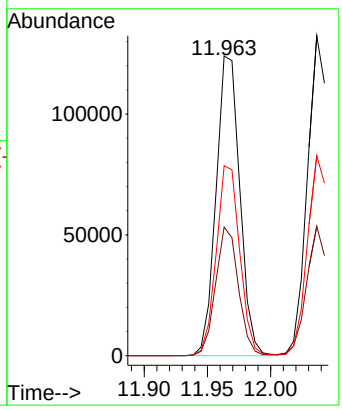




#87
1,3-Dichlorobenzene
Concen: 48.338 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:146 Resp: 16180

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	62.8	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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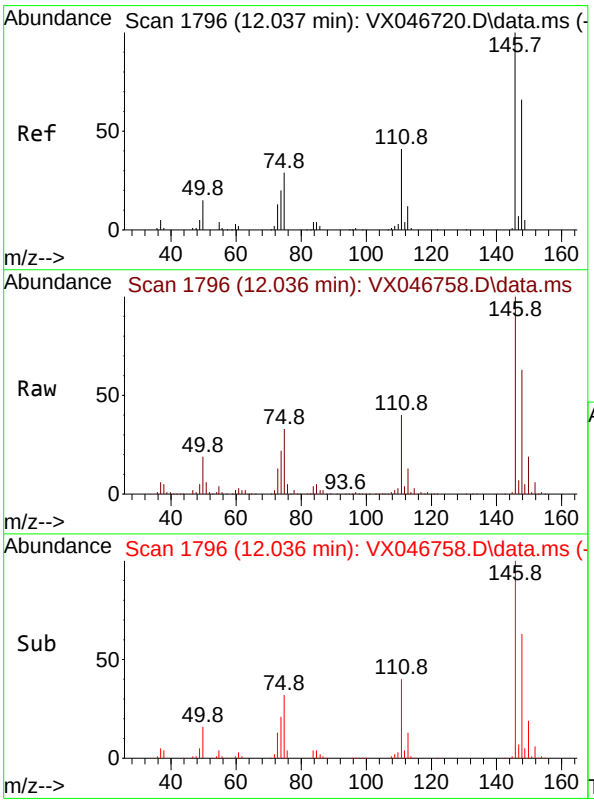
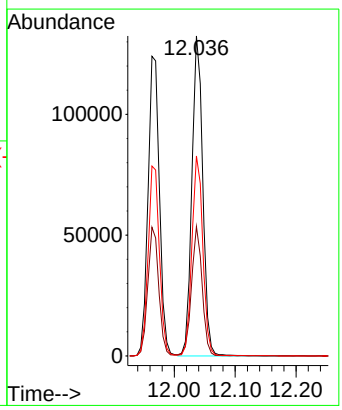
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

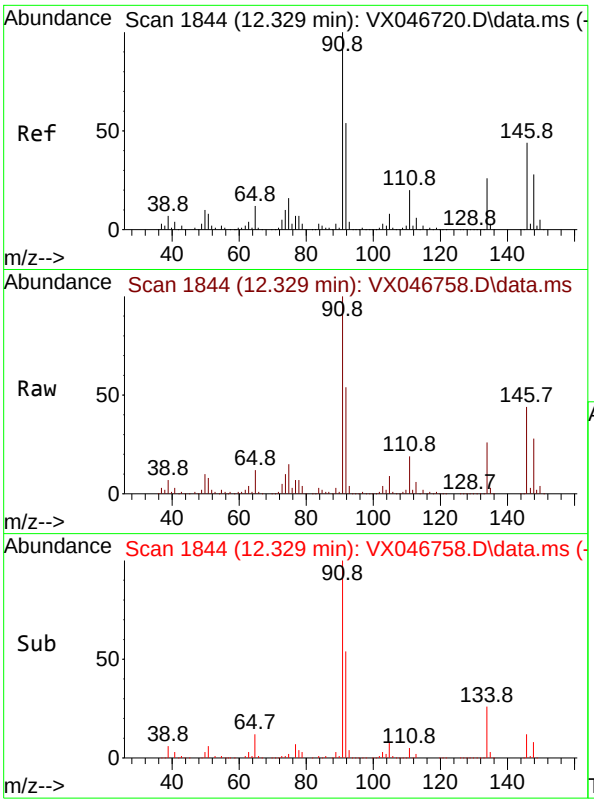


#88
1,4-Dichlorobenzene
Concen: 47.705 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:146 Resp: 164023

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	61.0
148	62.4	32.1	96.5





#89
n-Butylbenzene
Concen: 50.550 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 91 Resp: 31015

Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.1	81.3
134	25.9	12.9	38.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 06/20/2025
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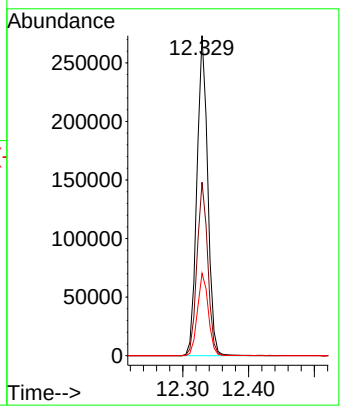
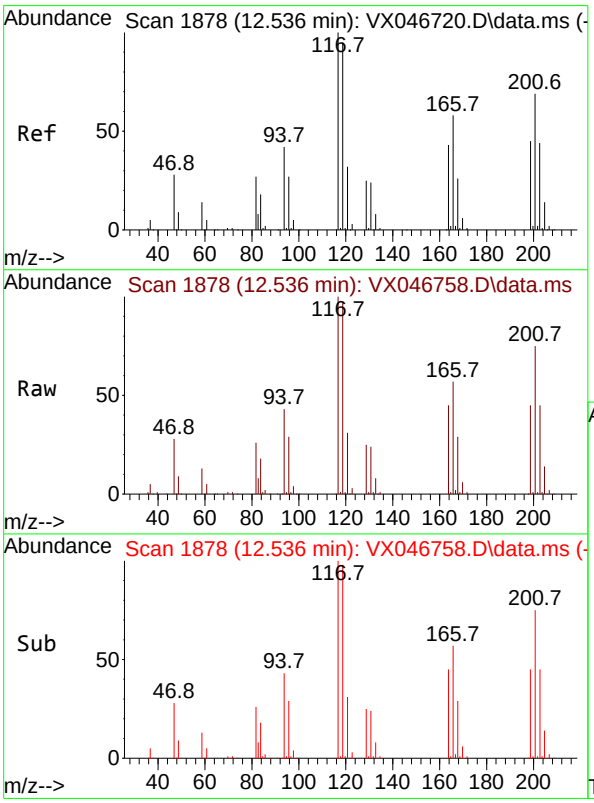
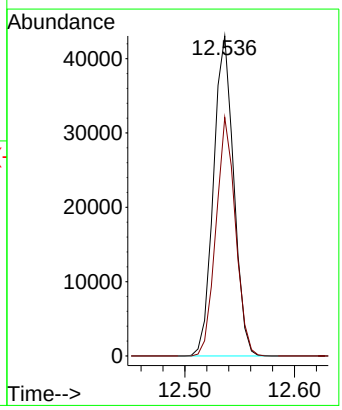


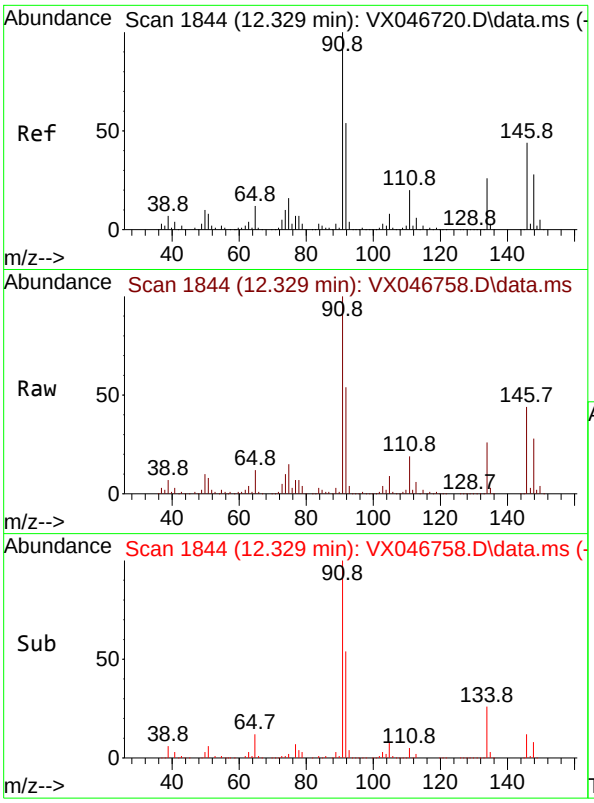


#90
Hexachloroethane
Concen: 48.837 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:117 Resp: 55264

Ion	Ratio	Lower	Upper
117	100		
201	71.8	34.4	103.3

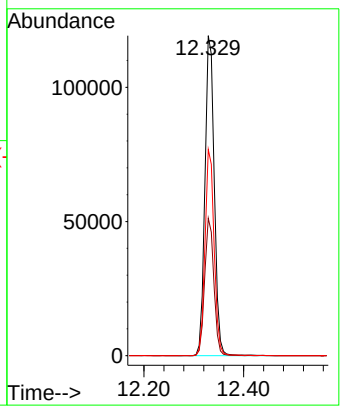




#91
1,2-Dichlorobenzene
Concen: 49.496 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:146 Resp: 15483

Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.7	65.1
148	63.1	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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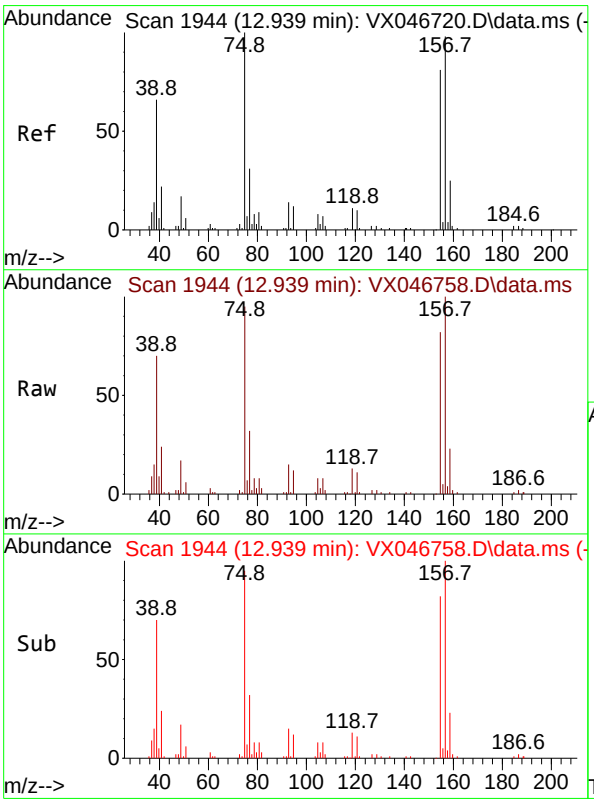
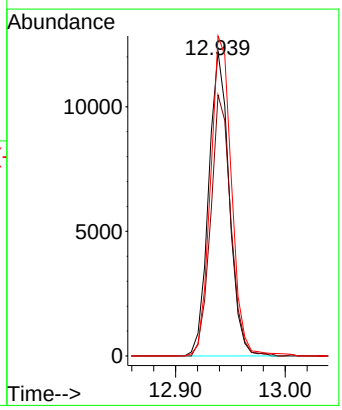
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

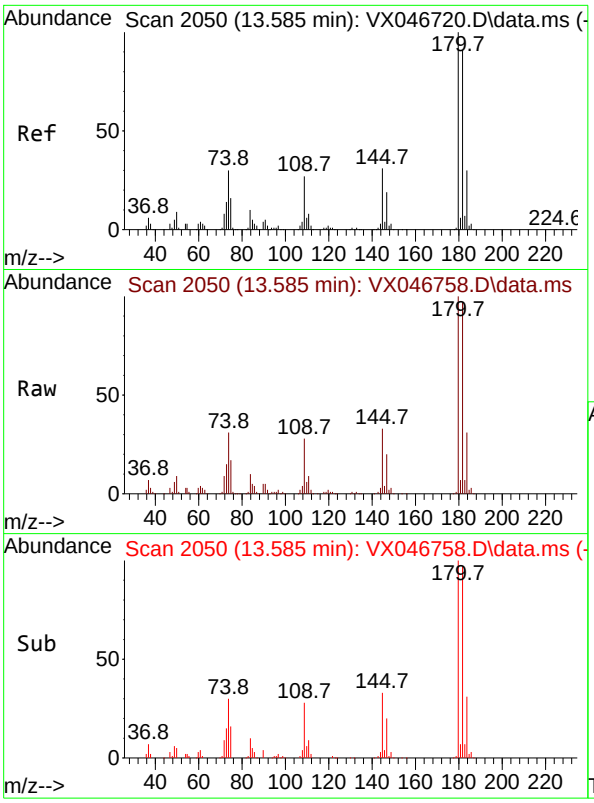


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.348 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 75 Resp: 15868

Ion	Ratio	Lower	Upper
75	100		
155	84.4	41.9	125.7
157	107.9	51.4	154.3

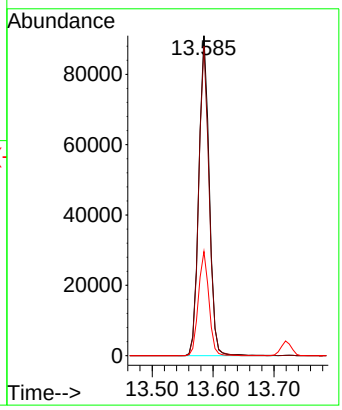




#93
1,2,4-Trichlorobenzene
Concen: 48.410 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:180 Resp: 10766

Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.7	140.1
145	32.7	15.8	47.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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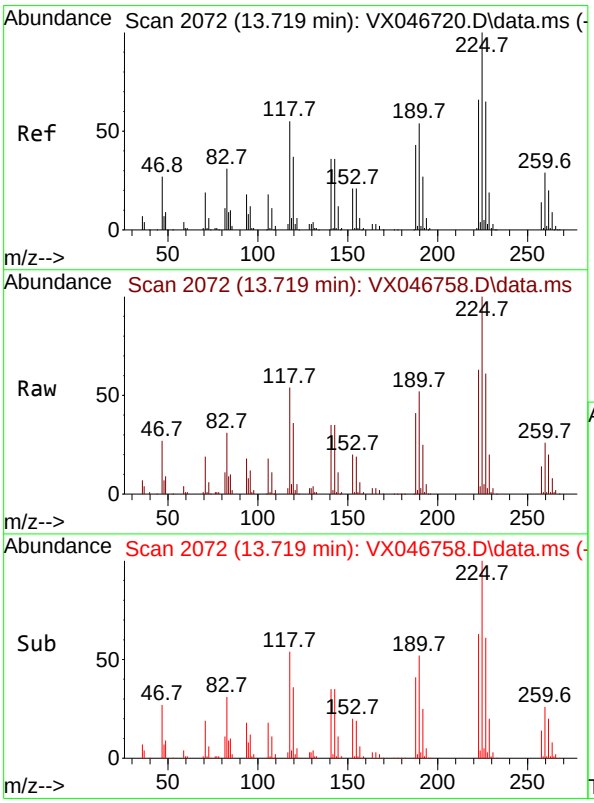
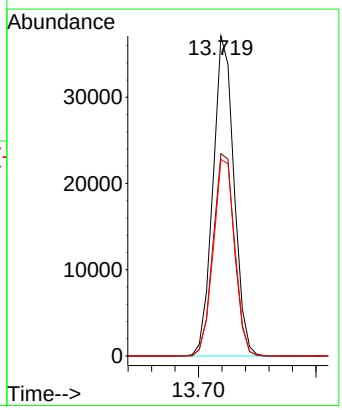
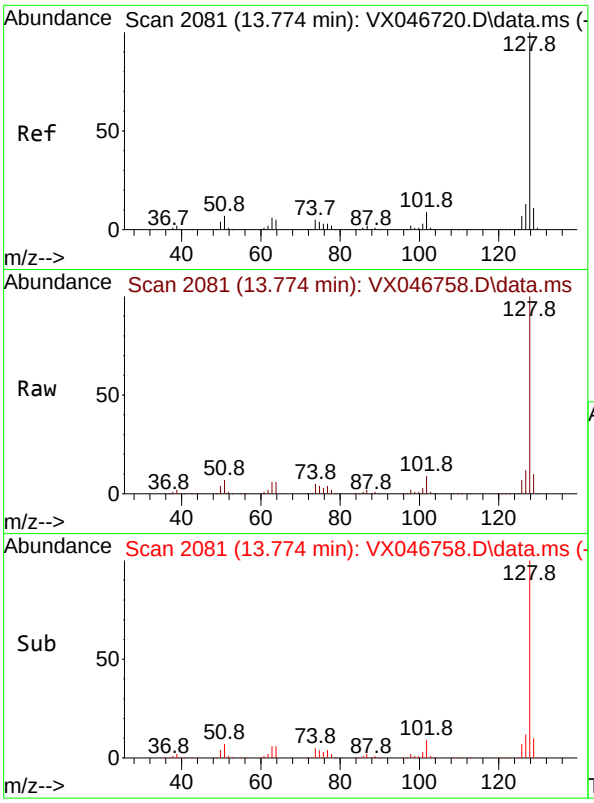


#94
Hexachlorobutadiene
Concen: 49.207 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:225 Resp: 46034

Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.5	97.5
227	63.2	32.2	96.6

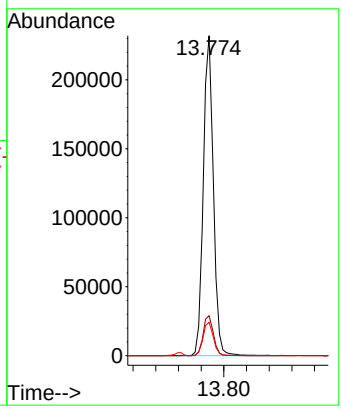




#95
Naphthalene
Concen: 45.216 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:128 Resp: 28649

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.7	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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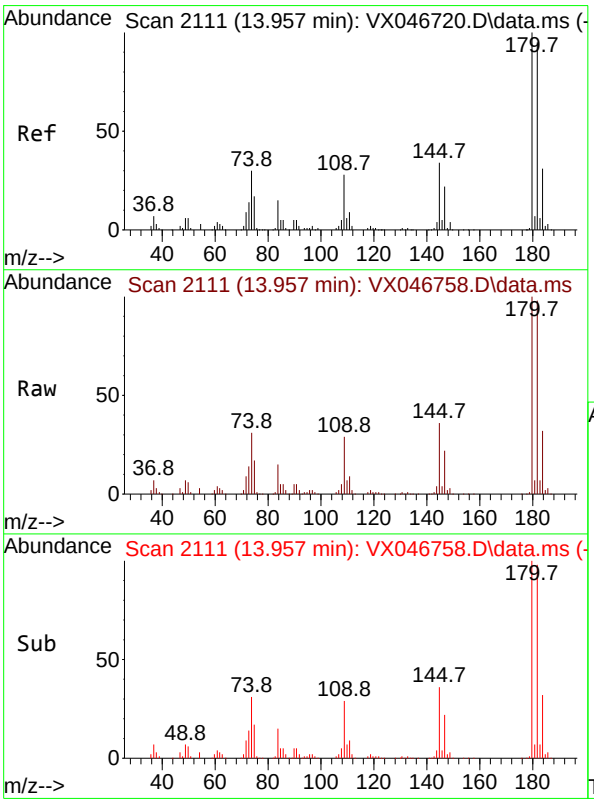
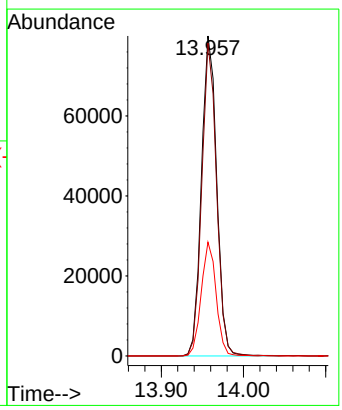


#96
1,2,3-Trichlorobenzene
Concen: 48.453 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:180 Resp: 103088

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.4
145	34.7	17.3	51.9



Sample Results: **VX046758.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	111	0.00
2	T	Dichlorodifluoromethane	0.534	0.565	-5.8	108	0.00
3	P	Chloromethane	0.576	0.595	-3.3	112	0.00
4	C	Vinyl Chloride	0.614	0.641	-4.4#	112	0.00
5	T	Bromomethane	0.346	0.384	-11.0	116	0.00
6	T	Chloroethane	0.372	0.387	-4.0	114	0.00
7	T	Trichlorofluoromethane	0.933	0.957	-2.6	110	0.00
8	T	Diethyl Ether	0.320	0.324	-1.3	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.572	0.592	-3.5	114	0.00
10	T	Methyl Iodide	0.642	0.692	-7.8	118	0.00
11	T	Tert butyl alcohol	0.062	0.039	37.1#	70	-0.01
12	CM	1,1-Dichloroethene	0.552	0.572	-3.6#	112	0.00
13	T	Acrolein	0.090	0.073	18.9	93	0.00
14	T	Allyl chloride	1.001	0.995	0.6	111	0.00
15	T	Acrylonitrile	0.279	0.237	15.1	93	0.00
16	T	Acetone	0.231	0.185	19.9	94	0.00
17	T	Carbon Disulfide	1.668	1.595	4.4	111	0.00
18	T	Methyl Acetate	0.586	0.480	18.1	92	0.00
19	T	Methyl tert-butyl Ether	1.720	1.569	8.8	100	0.00
20	T	Methylene Chloride	0.641	0.618	3.6	113	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.587	0.7	111	0.00
22	T	Diisopropyl ether	1.923	1.968	-2.3	111	0.00
23	T	Vinyl Acetate	1.529	1.463	4.3	102	0.00
24	P	1,1-Dichloroethane	1.092	1.081	1.0	110	0.00
25	T	2-Butanone	0.326	0.263	19.3	87	0.00
26	T	2,2-Dichloropropane	0.796	0.823	-3.4	120	0.00
27	T	cis-1,2-Dichloroethene	0.694	0.686	1.2	111	0.00
28	T	Bromochloromethane	0.495	0.476	3.8	109	0.00
29	T	Tetrahydrofuran	0.211	0.169	19.9	87	0.00
30	C	Chloroform	1.092	1.093	-0.1#	109	0.00
31	T	Cyclohexane	1.036	1.018	1.7	112	0.00
32	T	1,1,1-Trichloroethane	0.958	0.939	2.0	109	-0.01
33	S	1,2-Dichloroethane-d4	0.692	0.639	7.7	109	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35	S	Dibromofluoromethane	0.331	0.327	1.2	112	0.00
36	T	1,1-Dichloropropene	0.478	0.473	1.0	109	0.00
37	T	Ethyl Acetate	0.441	0.354	19.7	90	0.00
38	T	Carbon Tetrachloride	0.518	0.515	0.6	110	0.00
39	T	Methylcyclohexane	0.628	0.626	0.3	109	0.00
40	TM	Benzene	1.413	1.415	-0.1	110	0.00
41	T	Methacrylonitrile	0.235	0.213	9.4	98	0.00
42	TM	1,2-Dichloroethane	0.497	0.481	3.2	107	0.00
43	T	Isopropyl Acetate	0.690	0.592	14.2	91	0.00
44	TM	Trichloroethene	0.360	0.357	0.8	110	0.00
45	C	1,2-Dichloropropane	0.350	0.353	-0.9#	112	0.00
46	T	Dibromomethane	0.252	0.238	5.6	104	0.00
47	T	Bromodichloromethane	0.514	0.521	-1.4	110	0.00
48	T	Methyl methacrylate	0.346	0.314	9.2	93	0.00

Sample Results: **VX046758.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	81	0.00
50	S	Toluene-d8	1.189	1.166	1.9	112	0.00
51	T	4-Methyl-2-Pentanone	0.411	0.339	17.5	87	0.00
52	CM	Toluene	0.876	0.877	-0.1#	108	0.00
53	T	t-1,3-Dichloropropene	0.477	0.481	-0.8	108	0.00
54	T	cis-1,3-Dichloropropene	0.541	0.545	-0.7	109	0.00
55	T	1,1,2-Trichloroethane	0.327	0.311	4.9	105	0.00
56	T	Ethyl methacrylate	0.482	0.442	8.3	96	0.00
57	T	1,3-Dichloropropane	0.562	0.544	3.2	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.250	0.249	0.4	97	0.00
59	T	2-Hexanone	0.284	0.229	19.4	85	0.00
60	T	Dibromochloromethane	0.385	0.377	2.1	107	0.00
61	T	1,2-Dibromoethane	0.332	0.317	4.5	104	0.00
62	S	4-Bromofluorobenzene	0.443	0.433	2.3	111	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
64	T	Tetrachloroethene	0.346	0.344	0.6	111	0.00
65	PM	Chlorobenzene	1.104	1.089	1.4	110	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.373	-0.5	110	0.00
67	C	Ethyl Benzene	1.929	1.918	0.6#	109	0.00
68	T	m/p-Xylenes	0.719	0.724	-0.7	110	0.00
69	T	o-Xylene	0.673	0.687	-2.1	109	0.00
70	T	Styrene	1.179	1.192	-1.1	109	0.00
71	P	Bromoform	0.282	0.263	6.7	101	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73	T	Isopropylbenzene	3.682	3.747	-1.8	110	0.00
74	T	N-amyl acetate	1.395	1.247	10.6	93	0.00
75	P	1,1,2,2-Tetrachloroethane	1.028	0.933	9.2	97	0.00
76	T	1,2,3-Trichloropropane	0.916	0.773	15.6	85	0.00
77	T	Bromobenzene	0.886	0.891	-0.6	109	0.00
78	T	n-propylbenzene	4.374	4.487	-2.6	110	0.00
79	T	2-Chlorotoluene	2.611	2.587	0.9	109	0.00
80	T	1,3,5-Trimethylbenzene	3.026	3.041	-0.5	108	0.00
81	T	trans-1,4-Dichloro-2-butene	0.324	0.279	13.9	98	0.00
82	T	4-Chlorotoluene	3.048	3.040	0.3	109	0.00
83	T	tert-Butylbenzene	3.128	3.121	0.2	109	0.00
84	T	1,2,4-Trimethylbenzene	3.040	3.082	-1.4	110	0.00
85	T	sec-Butylbenzene	3.953	4.020	-1.7	109	0.00
86	T	p-Isopropyltoluene	3.336	3.350	-0.4	109	0.00
87	T	1,3-Dichlorobenzene	1.728	1.670	3.4	108	0.00
88	T	1,4-Dichlorobenzene	1.775	1.693	4.6	111	0.00
89	T	n-Butylbenzene	3.167	3.202	-1.1	110	0.00
90	T	Hexachloroethane	0.584	0.571	2.2	106	0.00
91	T	1,2-Dichlorobenzene	1.615	1.598	1.1	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.203	0.164	19.2	85	0.00
93	T	1,2,4-Trichlorobenzene	1.148	1.111	3.2	107	0.00
94	T	Hexachlorobutadiene	0.483	0.475	1.7	108	0.00
95	T	Naphthalene	3.270	2.958	9.5	96	0.00

Sample Results: **VX046758.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	1.098	1.064	3.1	107	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX046758.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	111	0.00
2	T	Dichlorodifluoromethane	50.000	52.964	-5.9	108	0.00
3	P	Chloromethane	50.000	51.662	-3.3	112	0.00
4	C	Vinyl Chloride	50.000	52.141	-4.3#	112	0.00
5	T	Bromomethane	50.000	55.612	-11.2	116	0.00
6	T	Chloroethane	50.000	51.957	-3.9	114	0.00
7	T	Trichlorofluoromethane	50.000	51.280	-2.6	110	0.00
8	T	Diethyl Ether	50.000	50.670	-1.3	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.691	-3.4	114	0.00
10	T	Methyl Iodide	50.000	48.429	3.1	118	0.00
11	T	Tert butyl alcohol	250.000	157.262	37.1#	70	-0.01
12	CM	1,1-Dichloroethene	50.000	51.759	-3.5#	112	0.00
13	T	Acrolein	250.000	202.026	19.2	93	0.00
14	T	Allyl chloride	50.000	49.722	0.6	111	0.00
15	T	Acrylonitrile	250.000	212.474	15.0	93	0.00
16	T	Acetone	250.000	200.776	19.7	94	0.00
17	T	Carbon Disulfide	50.000	47.820	4.4	111	0.00
18	T	Methyl Acetate	50.000	40.975	18.0	92	0.00
19	T	Methyl tert-butyl Ether	50.000	45.628	8.7	100	0.00
20	T	Methylene Chloride	50.000	48.158	3.7	113	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.698	0.6	111	0.00
22	T	Diisopropyl ether	50.000	51.162	-2.3	111	0.00
23	T	Vinyl Acetate	250.000	239.105	4.4	102	0.00
24	P	1,1-Dichloroethane	50.000	49.484	1.0	110	0.00
25	T	2-Butanone	250.000	201.795	19.3	87	0.00
26	T	2,2-Dichloropropane	50.000	51.672	-3.3	120	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.415	1.2	111	0.00
28	T	Bromochloromethane	50.000	48.047	3.9	109	0.00
29	T	Tetrahydrofuran	250.000	200.958	19.6	87	0.00
30	C	Chloroform	50.000	50.036	-0.1#	109	0.00
31	T	Cyclohexane	50.000	49.142	1.7	112	0.00
32	T	1,1,1-Trichloroethane	50.000	49.003	2.0	109	-0.01
33	S	1,2-Dichloroethane-d4	50.000	46.187	7.6	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35	S	Dibromofluoromethane	50.000	49.476	1.0	112	0.00
36	T	1,1-Dichloropropene	50.000	49.493	1.0	109	0.00
37	T	Ethyl Acetate	50.000	40.121	19.8	90	0.00
38	T	Carbon Tetrachloride	50.000	49.715	0.6	110	0.00
39	T	Methylcyclohexane	50.000	49.848	0.3	109	0.00
40	TM	Benzene	50.000	50.074	-0.1	110	0.00
41	T	Methacrylonitrile	50.000	45.417	9.2	98	0.00
42	TM	1,2-Dichloroethane	50.000	48.452	3.1	107	0.00
43	T	Isopropyl Acetate	50.000	42.935	14.1	91	0.00
44	TM	Trichloroethene	50.000	49.599	0.8	110	0.00
45	C	1,2-Dichloropropane	50.000	50.385	-0.8#	112	0.00
46	T	Dibromomethane	50.000	47.295	5.4	104	0.00
47	T	Bromodichloromethane	50.000	50.703	-1.4	110	0.00
48	T	Methyl methacrylate	50.000	45.316	9.4	93	0.00

Sample Results: **VX046758.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	714.909	28.5#	81	0.00
50	S	Toluene-d8	50.000	49.067	1.9	112	0.00
51	T	4-Methyl-2-Pentanone	250.000	205.777	17.7	87	0.00
52	CM	Toluene	50.000	50.025	-0.0#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	50.420	-0.8	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.333	-0.7	109	0.00
55	T	1,1,2-Trichloroethane	50.000	47.614	4.8	105	0.00
56	T	Ethyl methacrylate	50.000	45.899	8.2	96	0.00
57	T	1,3-Dichloropropane	50.000	48.408	3.2	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	248.797	0.5	97	0.00
59	T	2-Hexanone	250.000	201.475	19.4	85	0.00
60	T	Dibromochloromethane	50.000	49.021	2.0	107	0.00
61	T	1,2-Dibromoethane	50.000	47.653	4.7	104	0.00
62	S	4-Bromofluorobenzene	50.000	48.823	2.4	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64	T	Tetrachloroethene	50.000	49.587	0.8	111	0.00
65	PM	Chlorobenzene	50.000	49.352	1.3	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.304	-0.6	110	0.00
67	C	Ethyl Benzene	50.000	49.719	0.6#	109	0.00
68	T	m/p-Xylenes	100.000	100.703	-0.7	110	0.00
69	T	o-Xylene	50.000	51.004	-2.0	109	0.00
70	T	Styrene	50.000	50.573	-1.1	109	0.00
71	P	Bromoform	50.000	46.470	7.1	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	50.881	-1.8	110	0.00
74	T	N-amyl acetate	50.000	44.699	10.6	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.350	9.3	97	0.00
76	T	1,2,3-Trichloropropane	50.000	42.194	15.6	85	0.00
77	T	Bromobenzene	50.000	50.284	-0.6	109	0.00
78	T	n-propylbenzene	50.000	51.296	-2.6	110	0.00
79	T	2-Chlorotoluene	50.000	49.529	0.9	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.244	-0.5	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.036	13.9	98	0.00
82	T	4-Chlorotoluene	50.000	49.875	0.3	109	0.00
83	T	tert-Butylbenzene	50.000	49.891	0.2	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.692	-1.4	110	0.00
85	T	sec-Butylbenzene	50.000	50.841	-1.7	109	0.00
86	T	p-Isopropyltoluene	50.000	50.214	-0.4	109	0.00
87	T	1,3-Dichlorobenzene	50.000	48.338	3.3	108	0.00
88	T	1,4-Dichlorobenzene	50.000	47.705	4.6	111	0.00
89	T	n-Butylbenzene	50.000	50.550	-1.1	110	0.00
90	T	Hexachloroethane	50.000	48.837	2.3	106	0.00
91	T	1,2-Dichlorobenzene	50.000	49.496	1.0	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	40.348	19.3	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.410	3.2	107	0.00
94	T	Hexachlorobutadiene	50.000	49.207	1.6	108	0.00
95	T	Naphthalene	50.000	45.216	9.6	96	0.00

Sample Results: **VX046758.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.453	3.1	107	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX046775.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: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG No.: Q2345

Instrument ID: MSVOA_X Calibration Date/Time: 06/19/2025 17:10

Lab File ID: VX046775.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.534	0.573		7.3	50
Chloromethane	0.576	0.601	0.1	4.34	50
Vinyl Chloride	0.614	0.661		7.66	50
Bromomethane	0.346	0.382		10.4	50
Chloroethane	0.372	0.413		11.02	50
Trichlorofluoromethane	0.933	0.983		5.36	50
1,1,2-Trichlorotrifluoroethane	0.572	0.614		7.34	50
1,1-Dichloroethene	0.552	0.592		7.25	50
Acetone	0.231	0.223		-3.46	50
Carbon Disulfide	1.668	1.588		-4.8	50
Methyl tert-butyl Ether	1.720	1.740		1.16	50
Methyl Acetate	0.586	0.608		3.75	50
Methylene Chloride	0.641	0.645		0.62	50
trans-1,2-Dichloroethene	0.591	0.612		3.55	50
1,1-Dichloroethane	1.092	1.144	0.1	4.76	50
Cyclohexane	1.036	1.061		2.41	50
2-Butanone	0.326	0.334		2.45	50
Carbon Tetrachloride	0.518	0.513		-0.96	50
cis-1,2-Dichloroethene	0.694	0.729		5.04	50
Bromochloromethane	0.495	0.513		3.64	50
Chloroform	1.092	1.155		5.77	50
1,1,1-Trichloroethane	0.958	0.973		1.57	50
Methylcyclohexane	0.628	0.645		2.71	50
Benzene	1.413	1.472		4.18	50
1,2-Dichloroethane	0.497	0.505		1.61	50
Trichloroethene	0.360	0.369		2.5	50
1,2-Dichloropropane	0.350	0.363		3.71	50
Bromodichloromethane	0.514	0.529		2.92	50
4-Methyl-2-Pentanone	0.411	0.419		1.95	50
Toluene	0.876	0.902		2.97	50
t-1,3-Dichloropropene	0.477	0.490		2.72	50
cis-1,3-Dichloropropene	0.541	0.565		4.44	50
1,1,2-Trichloroethane	0.327	0.339		3.67	50
2-Hexanone	0.284	0.287		1.06	50
Dibromochloromethane	0.385	0.396		2.86	50
1,2-Dibromoethane	0.332	0.339		2.11	50
Tetrachloroethene	0.346	0.348		0.58	50
Chlorobenzene	1.104	1.134	0.3	2.72	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: **VX046775.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: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2345 SAS No.: Q2345 SDG No.: Q2345

Instrument ID: MSVOA_X Calibration Date/Time: 06/19/2025 17:10

Lab File ID: VX046775.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.929	1.995		3.42	50
m/p-Xylenes	0.719	0.745		3.62	50
o-Xylene	0.673	0.716		6.39	50
Styrene	1.179	1.253		6.28	50
Bromoform	0.282	0.283	0.1	0.35	50
Isopropylbenzene	3.682	3.814		3.59	50
1,1,2,2-Tetrachloroethane	1.028	1.047	0.3	1.85	50
1,3-Dichlorobenzene	1.728	1.702		-1.5	50
1,4-Dichlorobenzene	1.775	1.686		-5.01	50
1,2-Dichlorobenzene	1.615	1.619		0.25	50
1,2-Dibromo-3-Chloropropane	0.203	0.194		-4.43	50
1,2,4-Trichlorobenzene	1.148	1.143		-0.44	50
1,2,3-Trichlorobenzene	1.098	1.103		0.46	50
1,2-Dichloroethane-d4	0.692	0.648		-6.36	50
Dibromofluoromethane	0.331	0.320		-3.32	50
Toluene-d8	1.189	1.138		-4.29	50
4-Bromofluorobenzene	0.443	0.431		-2.71	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\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	129409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83815	46.825	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.660%			
35) Dibromofluoromethane	5.397	113	69249	48.316	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.640%			
50) Toluene-d8	8.647	98	246552	47.880	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.760%			
62) 4-Bromofluorobenzene	11.079	95	93266	48.588	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	74095	53.629	ug/l	99
3) Chloromethane	1.307	50	77768	52.149	ug/l	96
4) Vinyl Chloride	1.386	62	85590	53.822	ug/l	98
5) Bromomethane	1.618	94	49377	55.188	ug/l	95
6) Chloroethane	1.703	64	53474	55.480	ug/l	94
7) Trichlorofluoromethane	1.904	101	127152	52.659	ug/l	99
8) Diethyl Ether	2.148	74	44616	53.840	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	79479	53.654	ug/l	98
10) Methyl Iodide	2.465	142	85230	46.314	ug/l	100
11) Tert butyl alcohol	2.959	59	35007	217.898	ug/l	100
12) 1,1-Dichloroethene	2.337	96	76619	53.603	ug/l	98
13) Acrolein	2.245	56	69969	298.999	ug/l	98
14) Allyl chloride	2.678	41	137304	53.017	ug/l	98
15) Acrylonitrile	3.075	53	185932	257.376	ug/l	99
16) Acetone	2.386	43	144349	241.828	ug/l	97
17) Carbon Disulfide	2.526	76	205491	47.607	ug/l	99
18) Methyl Acetate	2.715	43	78667	51.889	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	225140	50.585	ug/l	100
20) Methylene Chloride	2.800	84	83440	50.266	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	79204	51.786	ug/l	99
22) Diisopropyl ether	3.770	45	270205	54.281	ug/l	98
23) Vinyl Acetate	3.733	43	1055978	266.763	ug/l	99
24) 1,1-Dichloroethane	3.623	63	148012	52.369	ug/l	99
25) 2-Butanone	4.562	43	216354	256.282	ug/l	97
26) 2,2-Dichloropropane	4.489	77	106712	51.768	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	94359	52.513	ug/l	99
28) Bromochloromethane	4.910	49	66329	51.765	ug/l	99
29) Tetrahydrofuran	5.007	42	139493	255.819	ug/l	99
30) Chloroform	5.105	83	149506	52.894	ug/l	95
31) Cyclohexane	5.477	56	137290	51.222	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	125889	50.784	ug/l	99
36) 1,1-Dichloropropene	5.702	75	105895	51.182	ug/l	100
37) Ethyl Acetate	4.721	43	92088	48.219	ug/l	98
38) Carbon Tetrachloride	5.690	117	111211	49.529	ug/l	99
39) Methylcyclohexane	7.385	83	139618	51.281	ug/l	99
40) Benzene	6.050	78	318931	52.086	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	55058	54.078	ug/l		95
42) 1,2-Dichloroethane	6.092	62	109435	50.860	ug/l		98
43) Isopropyl Acetate	6.342	43	151380	50.655	ug/l		100
44) Trichloroethene	7.135	130	79977	51.252	ug/l		97
45) 1,2-Dichloropropane	7.434	63	78602	51.797	ug/l		94
46) Dibromomethane	7.586	93	54750	50.201	ug/l		99
47) Bromodichloromethane	7.824	83	114561	51.475	ug/l		99
48) Methyl methacrylate	7.696	41	80176	53.494	ug/l		99
49) 1,4-Dioxane	7.665	88	19434	894.415	ug/l		94
51) 4-Methyl-2-Pentanone	8.574	43	453562	254.472	ug/l		99
52) Toluene	8.720	92	195403	51.477	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	106195	51.427	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	122494	52.254	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	73528	51.978	ug/l		95
56) Ethyl methacrylate	9.116	69	109987	52.671	ug/l		99
57) 1,3-Dichloropropane	9.305	76	125247	51.414	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	321699	296.571	ug/l		100
59) 2-Hexanone	9.427	43	310545	252.021	ug/l		100
60) Dibromochloromethane	9.519	129	85854	51.500	ug/l		99
61) 1,2-Dibromoethane	9.610	107	73504	51.083	ug/l		99
64) Tetrachloroethene	9.275	164	66307	50.181	ug/l		97
65) Chlorobenzene	10.079	112	216318	51.382	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	72835	51.476	ug/l		99
67) Ethyl Benzene	10.195	91	380469	51.722	ug/l		99
68) m/p-Xylenes	10.299	106	284342	103.739	ug/l		99
69) o-Xylene	10.640	106	136531	53.151	ug/l		98
70) Styrene	10.653	104	238877	53.139	ug/l		99
71) Bromoform	10.799	173	54055	50.164	ug/l	#	100
73) Isopropylbenzene	10.963	105	364838	51.780	ug/l		100
74) N-amyl acetate	10.841	43	134737	50.472	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	100156	50.908	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	81274m	46.384	ug/l		
77) Bromobenzene	11.195	156	87850	51.813	ug/l		100
78) n-propylbenzene	11.305	91	432963	51.735	ug/l		99
79) 2-Chlorotoluene	11.360	91	249407	49.914	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	298594	51.570	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	29148	47.021	ug/l		100
82) 4-Chlorotoluene	11.451	91	293281	50.293	ug/l		100
83) tert-Butylbenzene	11.713	119	304194	50.825	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	302076	51.927	ug/l		98
85) sec-Butylbenzene	11.890	105	387895	51.281	ug/l		99
86) p-Isopropyltoluene	12.006	119	325914	51.067	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	162851	49.259	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	161313	47.505	ug/l		100
89) n-Butylbenzene	12.329	91	308844	50.967	ug/l		100
90) Hexachloroethane	12.536	117	54659	48.908	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	154918	50.145	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18542	47.738	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	109313	49.769	ug/l		98
94) Hexachlorobutadiene	13.725	225	45830	49.603	ug/l		99
95) Naphthalene	13.774	128	313462	50.093	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	105543	50.228	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

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

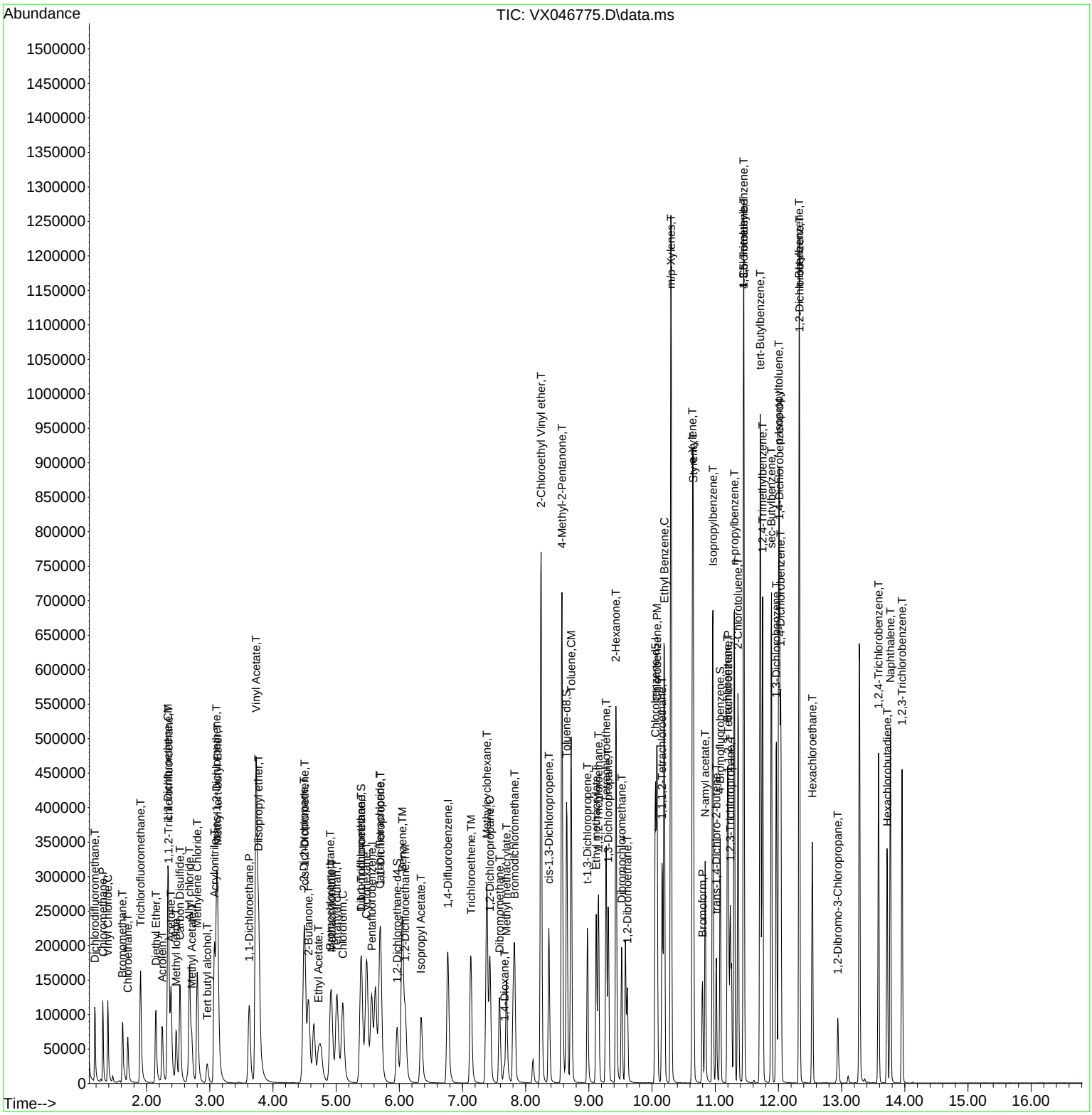
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

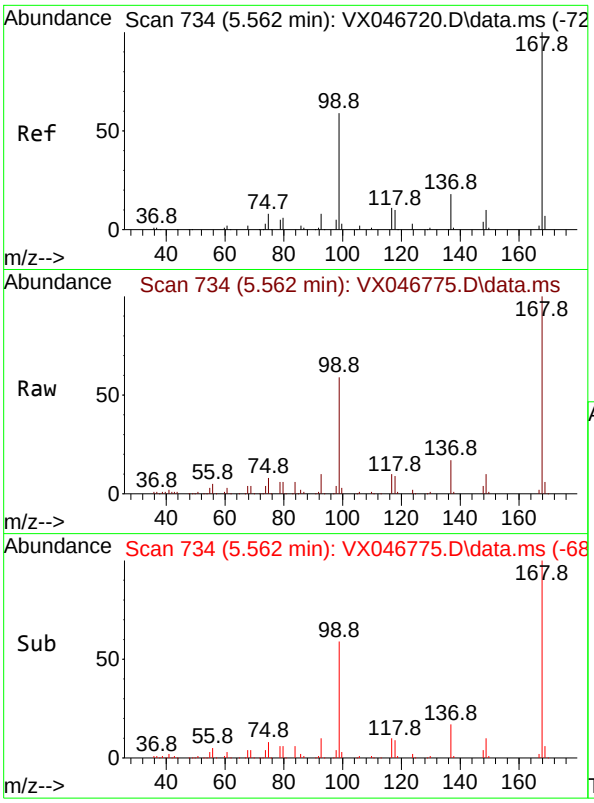
Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

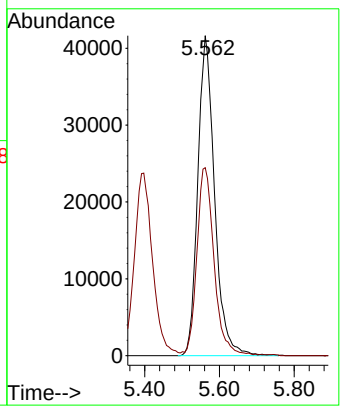




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:168 Resp: 12940

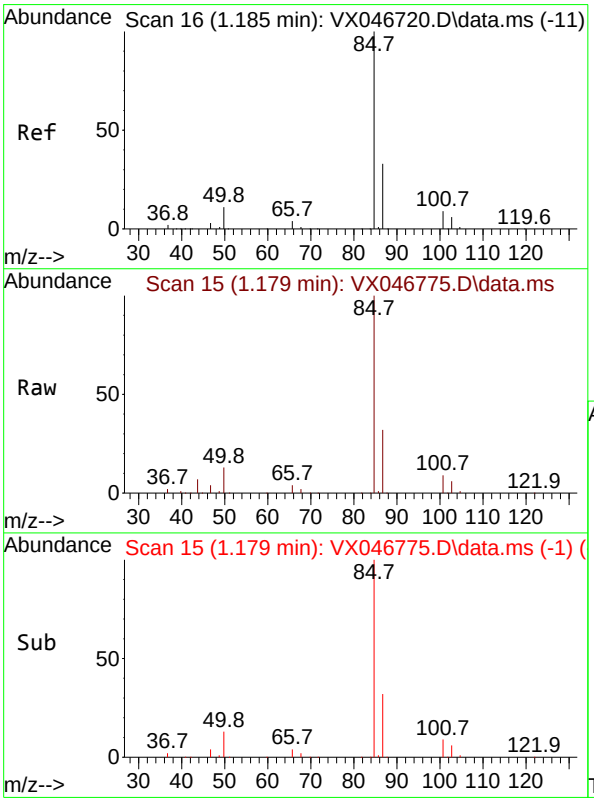
Ion	Ratio	Lower	Upper
168	100		
99	58.5	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

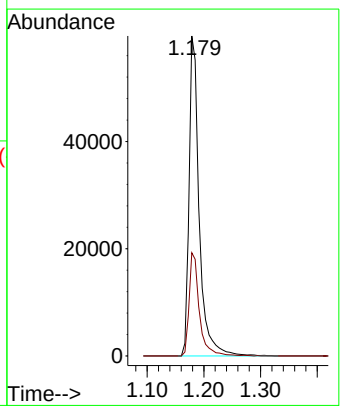
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

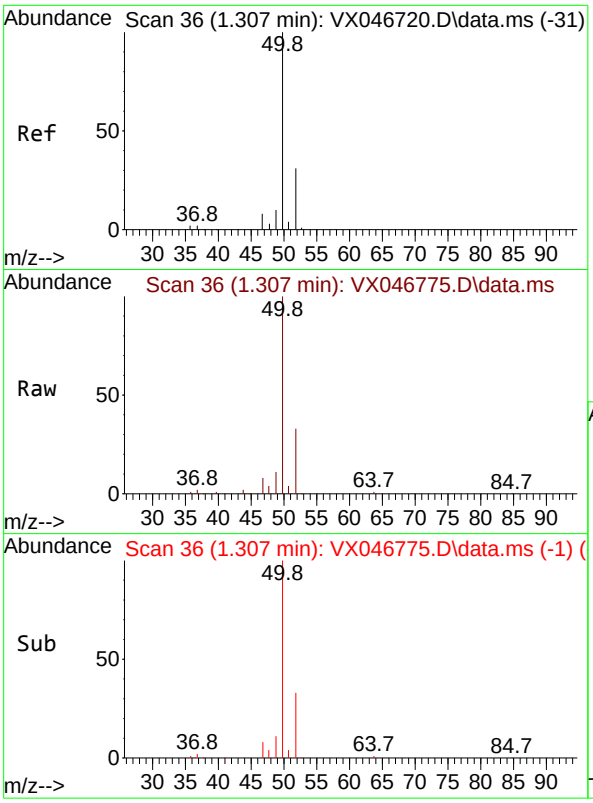


#2
Dichlorodifluoromethane
Concen: 53.629 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 85 Resp: 74095

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.6	49.8





#3
Chloromethane
Concen: 52.149 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

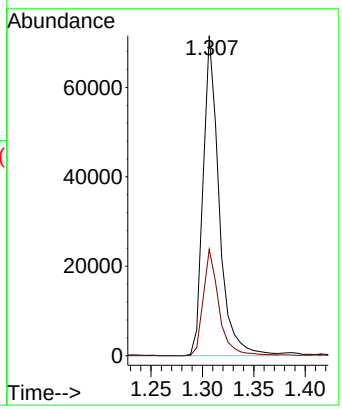
Tgt Ion: 50 Resp: 7776

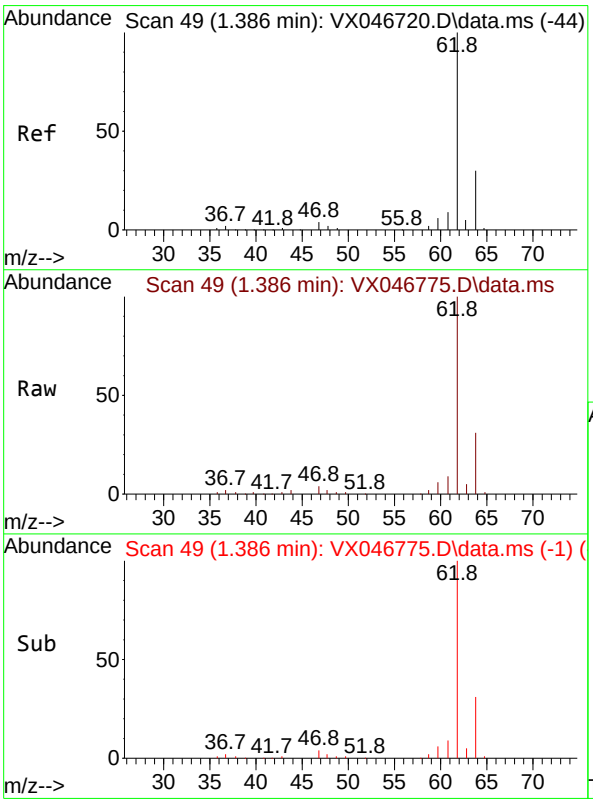
Ion	Ratio	Lower	Upper
50	100		
52	33.2	24.9	37.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

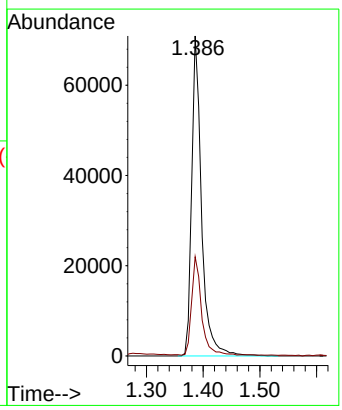


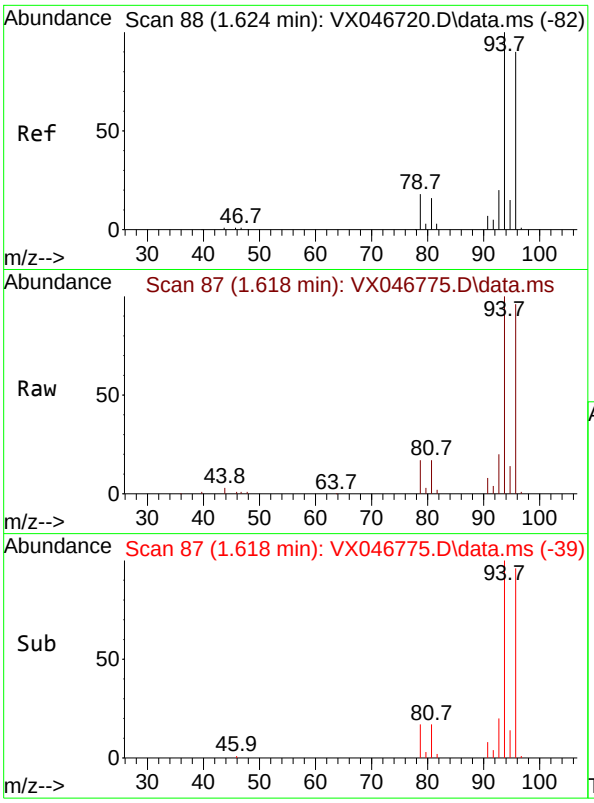


#4
Vinyl Chloride
Concen: 53.822 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 62 Resp: 85590

Ion	Ratio	Lower	Upper
62	100		
64	30.8	23.9	35.9





#5
Bromomethane
Concen: 55.188 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

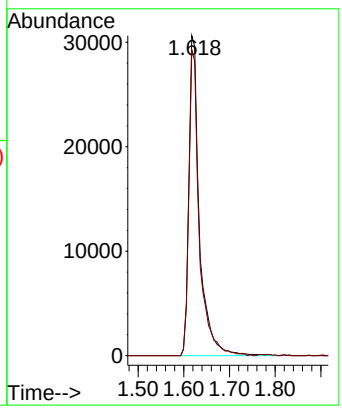
Tgt Ion: 94 Resp: 4937

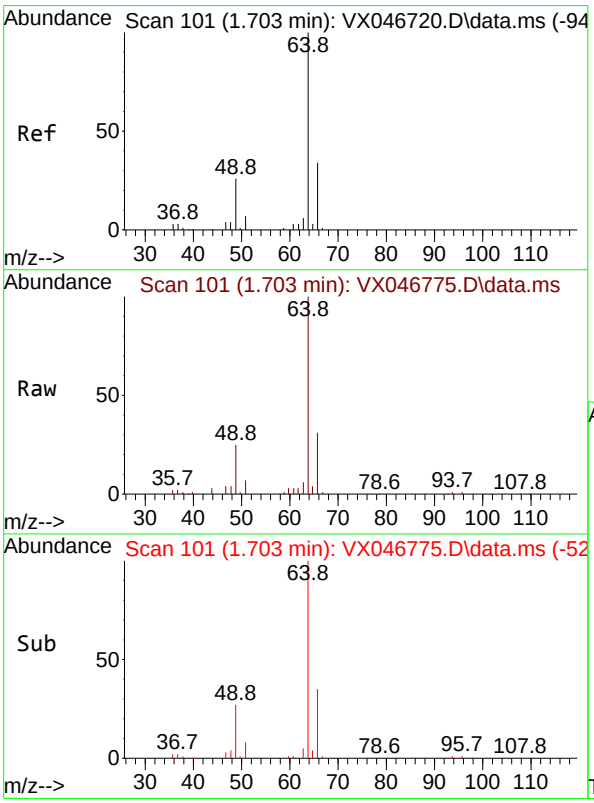
Ion	Ratio	Lower	Upper
94	100		
96	95.6	72.3	108.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

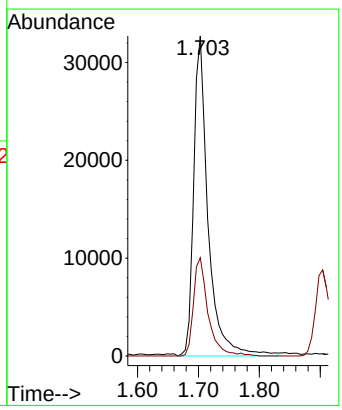


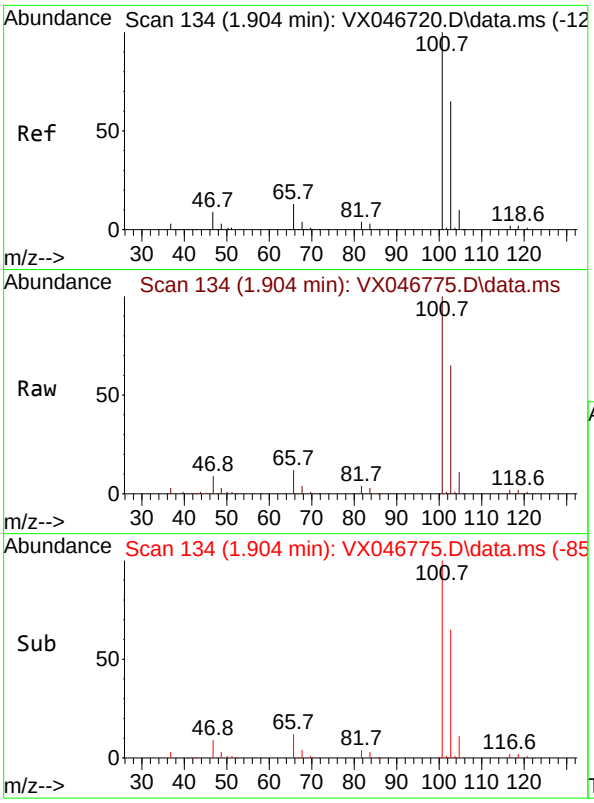


#6
Chloroethane
Concen: 55.480 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 64 Resp: 53474

Ion	Ratio	Lower	Upper
64	100		
66	30.7	27.1	40.7





#7
Trichlorofluoromethane
Concen: 52.659 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

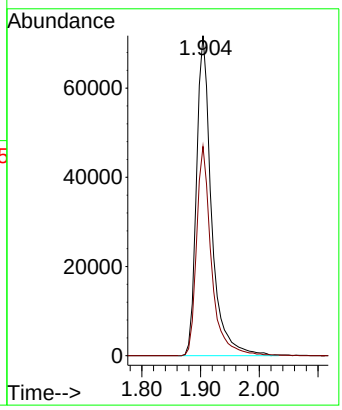
Tgt Ion:101 Resp: 12715

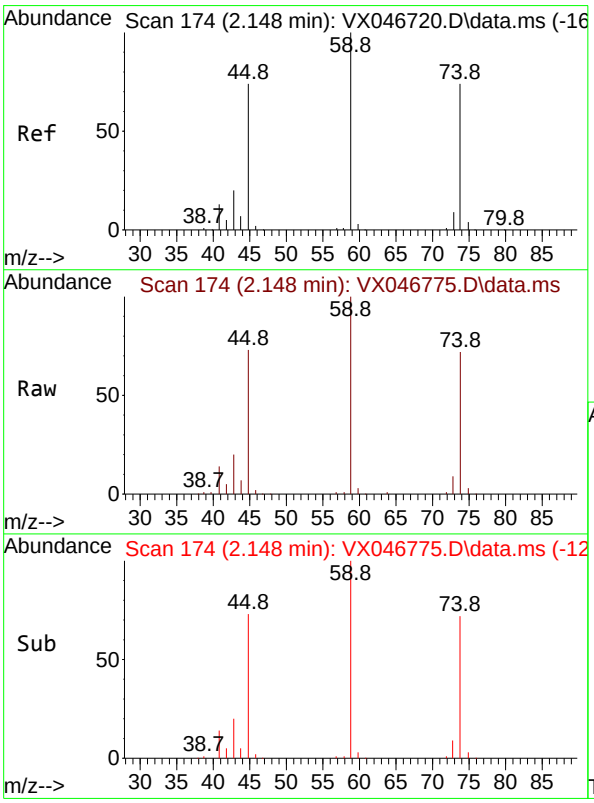
Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

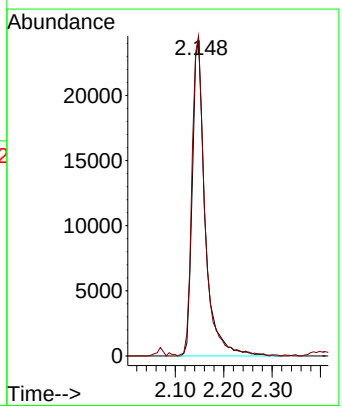


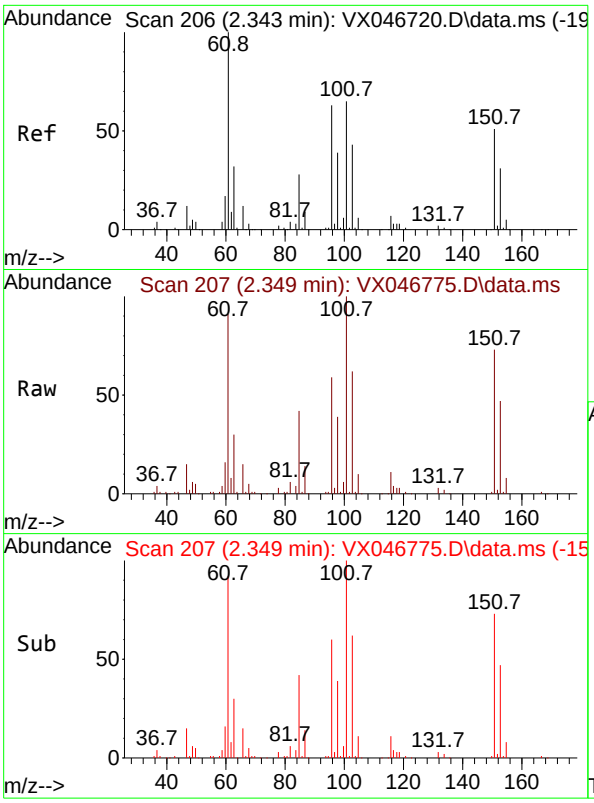


#8
Diethyl Ether
Concen: 53.840 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 74 Resp: 44616

Ion	Ratio	Lower	Upper
74	100		
45	102.7	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.654 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:101 Resp: 7947

Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.4	53.0
151	74.1	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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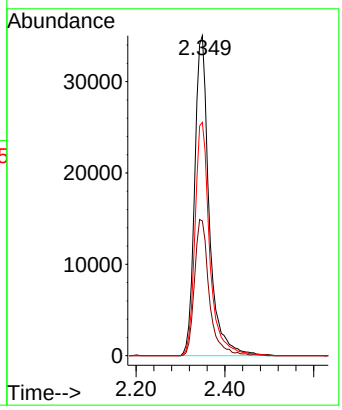
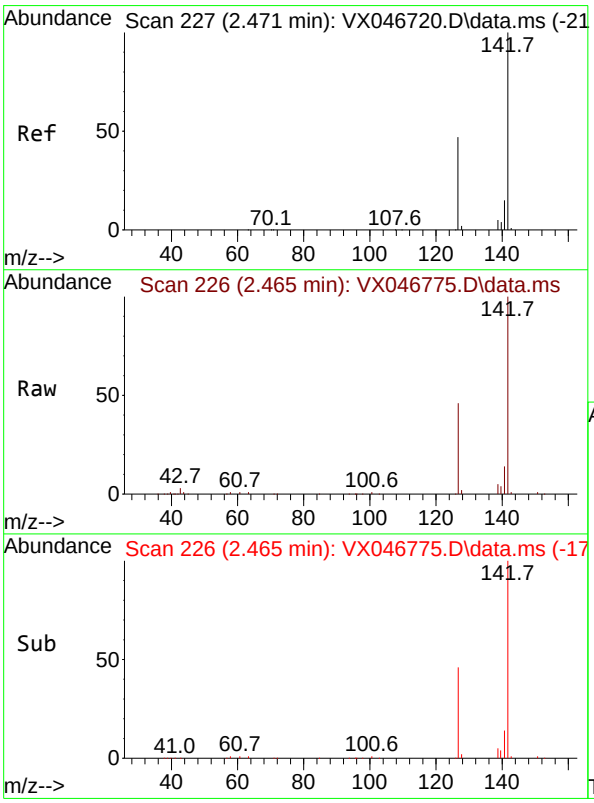
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

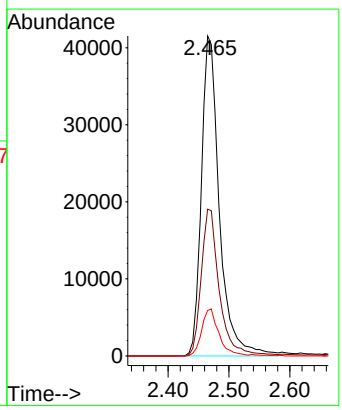


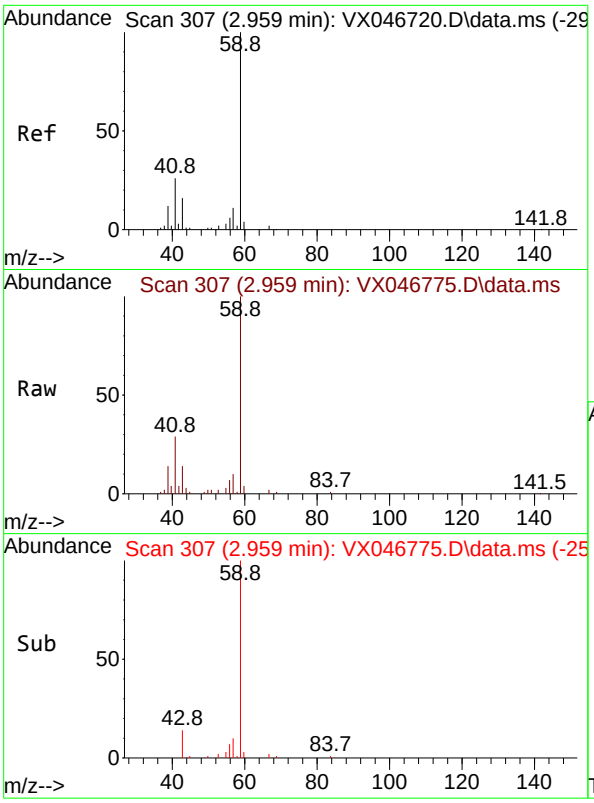


#10
Methyl Iodide
Concen: 46.314 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:142 Resp: 85230

Ion	Ratio	Lower	Upper
142	100		
127	46.1	37.0	55.6
141	14.0	11.5	17.3

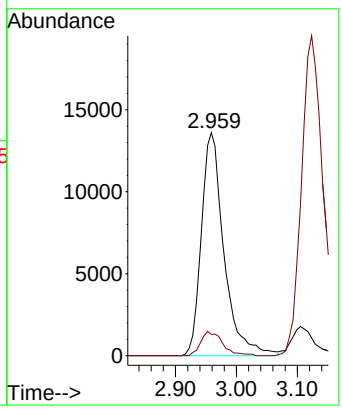




#11
Tert butyl alcohol
Concen: 217.898 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 59 Resp: 3500

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5



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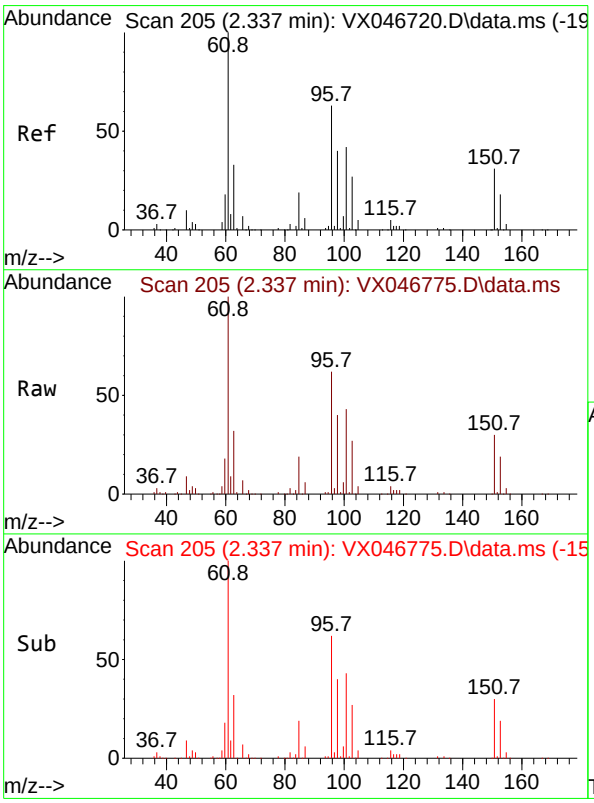
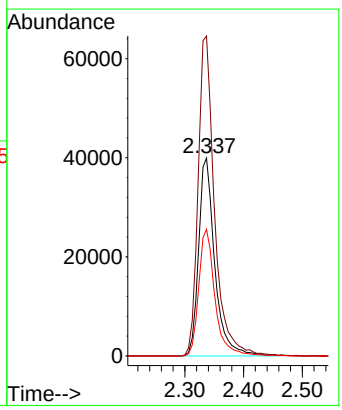
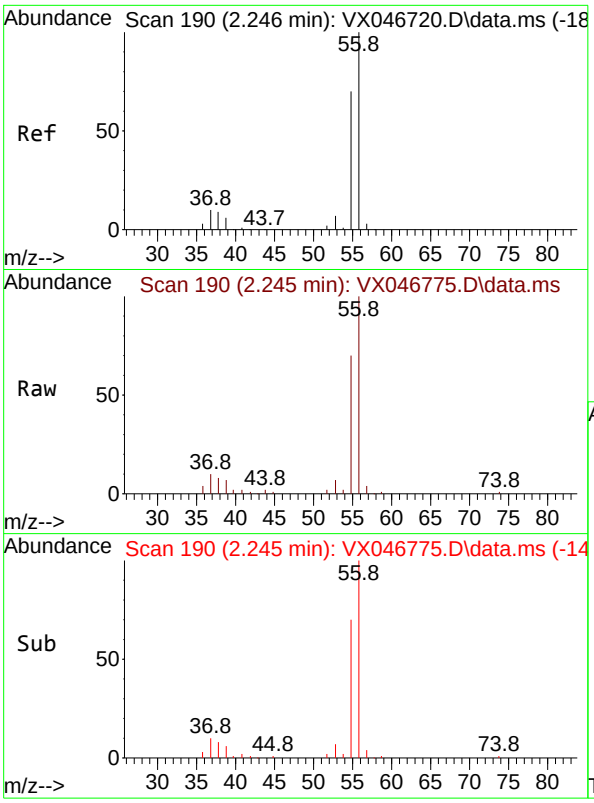


#12
1,1-Dichloroethene
Concen: 53.603 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 96 Resp: 76619

Ion	Ratio	Lower	Upper
96	100		
61	161.7	126.6	189.8
98	64.0	50.7	76.1

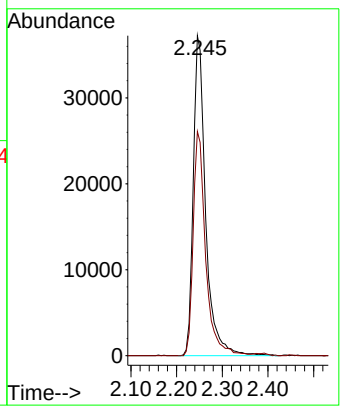




#13
Acrolein
Concen: 298.999 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 56 Resp: 6996

Ion	Ratio	Lower	Upper
56	100		
55	70.7	55.2	82.8



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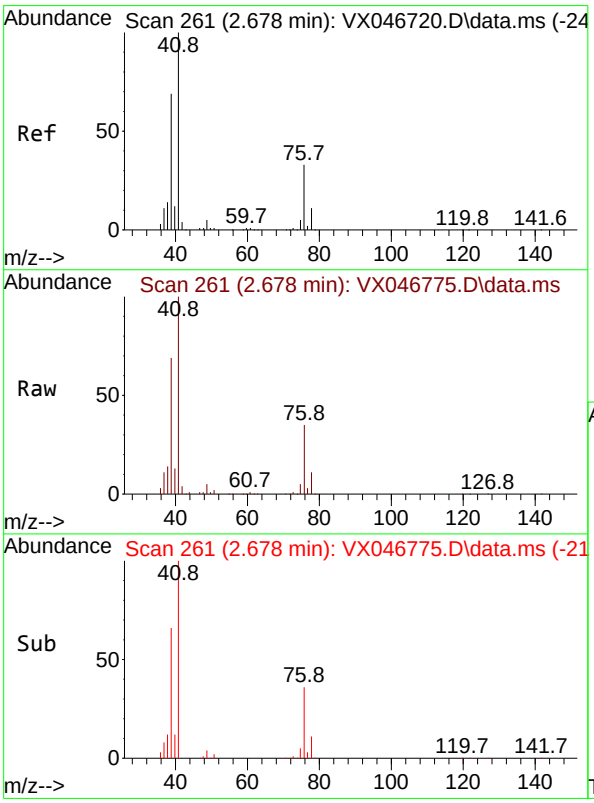
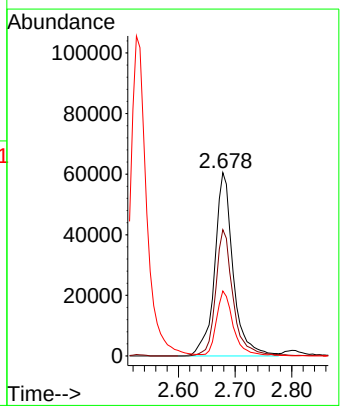
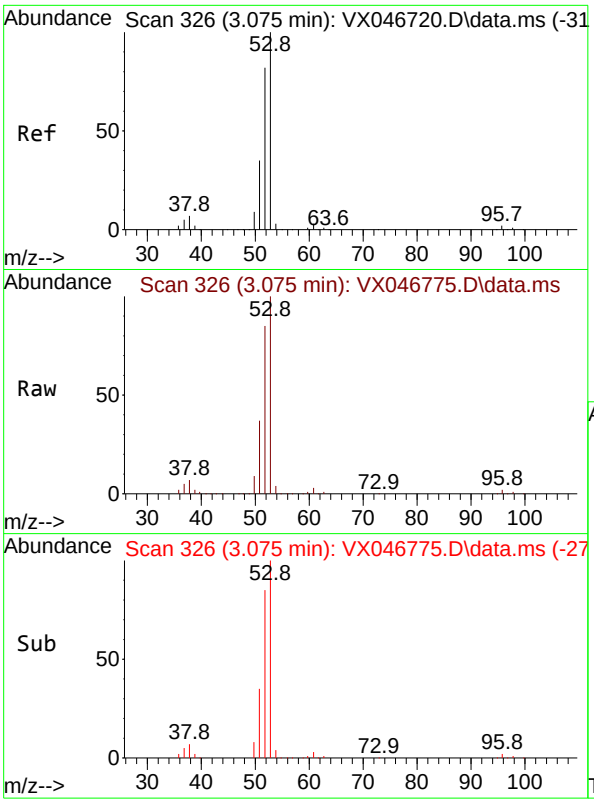


#14
Allyl chloride
Concen: 53.017 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 41 Resp: 137304

Ion	Ratio	Lower	Upper
41	100		
39	65.0	53.6	80.4
76	32.3	26.8	40.2





#15
Acrylonitrile
Concen: 257.376 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 53 Resp: 18593

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.1	97.7
51	36.4	28.9	43.3

Instrument :
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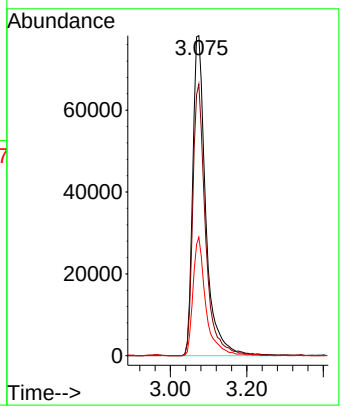
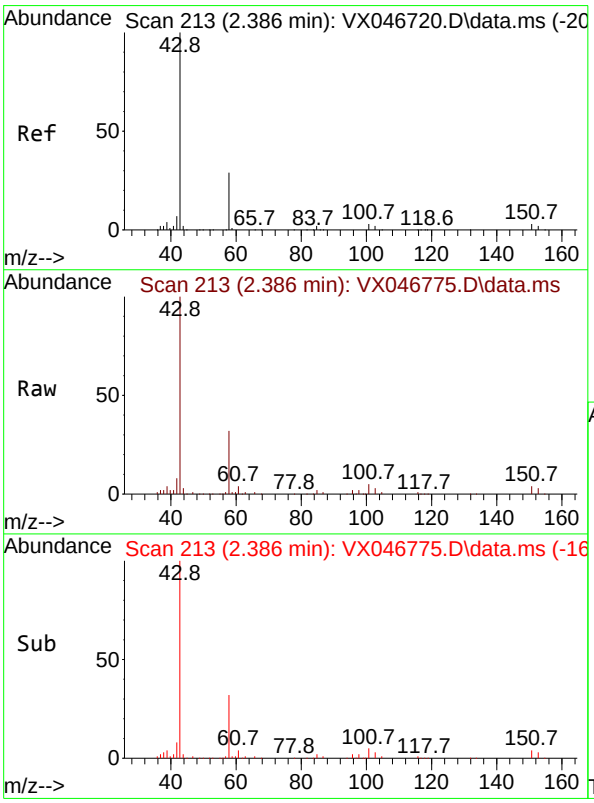
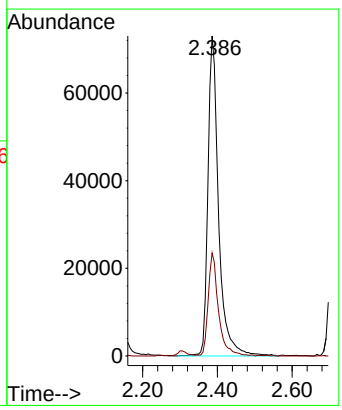


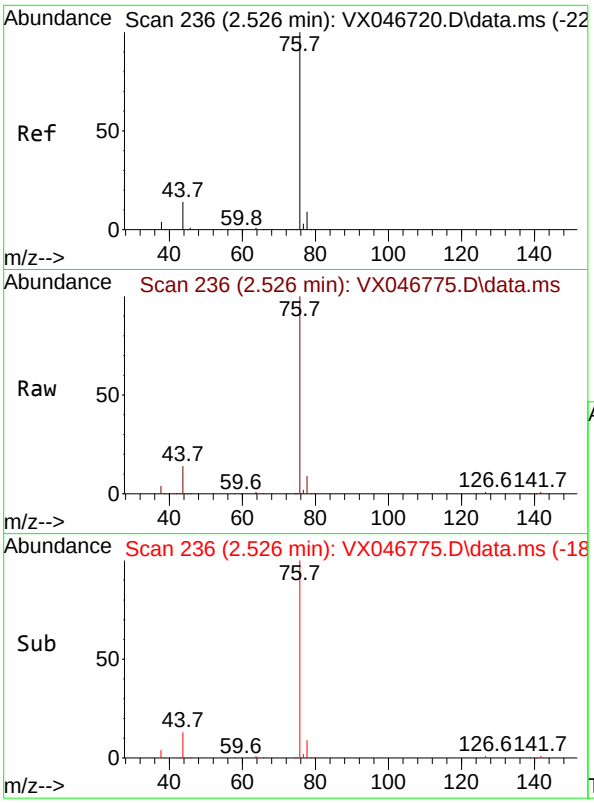


#16
Acetone
Concen: 241.828 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 144349

Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.5	36.7





#17
Carbon Disulfide
Concen: 47.607 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 76 Resp: 20549

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

Instrument :
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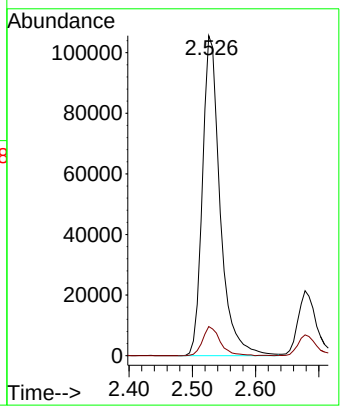
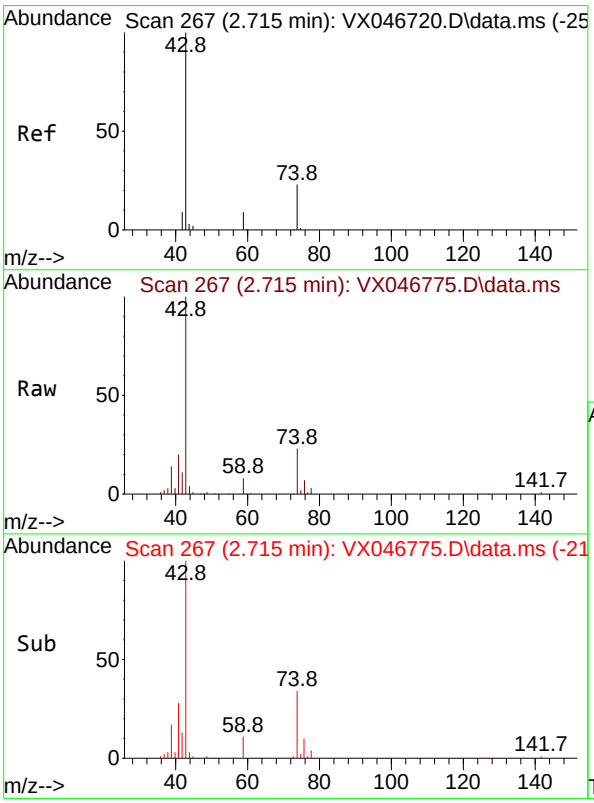
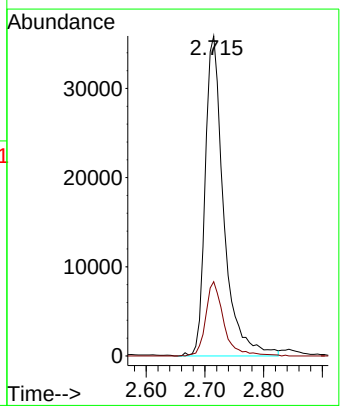


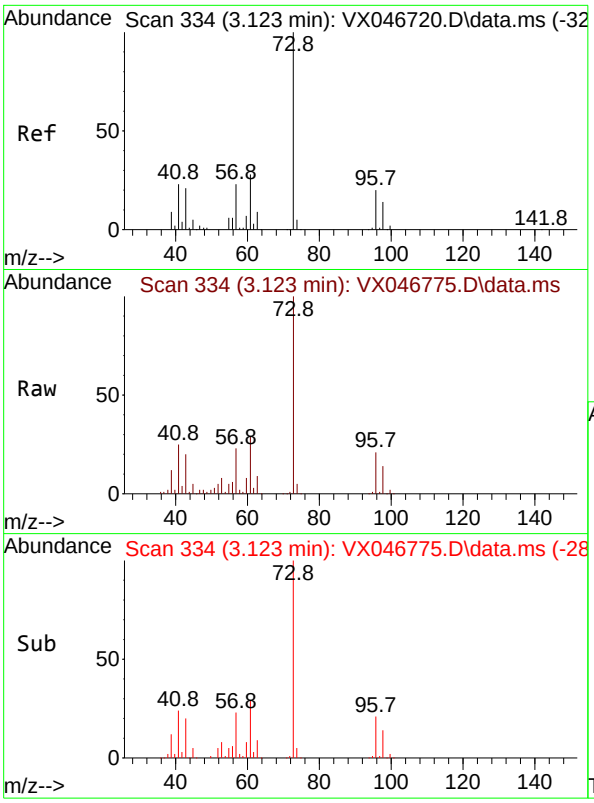


#18
Methyl Acetate
Concen: 51.889 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 78667

Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.4	27.6





#19
Methyl tert-butyl Ether
Concen: 50.585 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 73 Resp: 22514

Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.2	27.2

Instrument :
MSVOA_X
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VSTDCCC050EC

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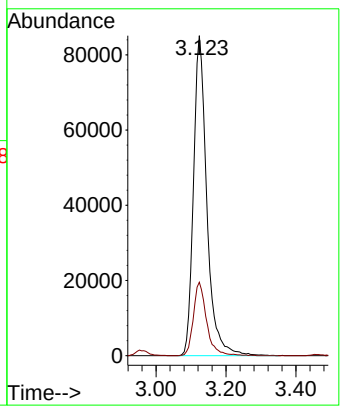
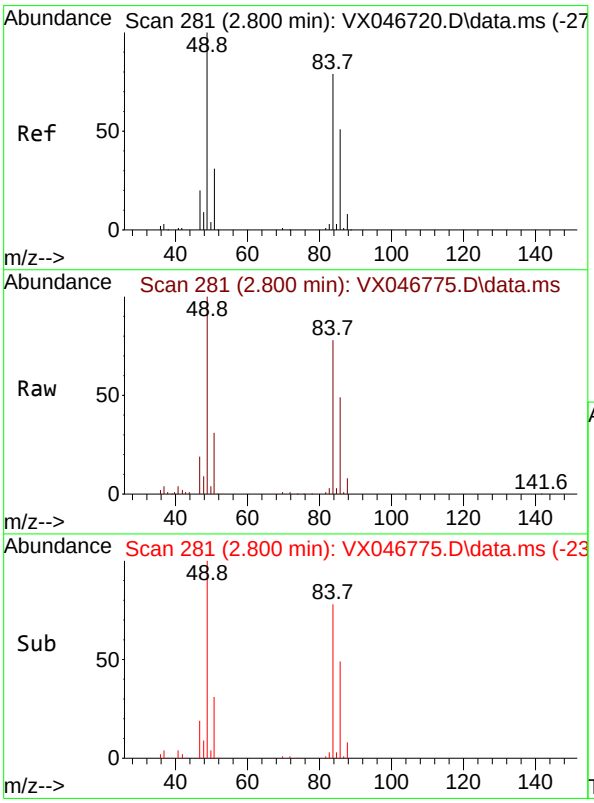
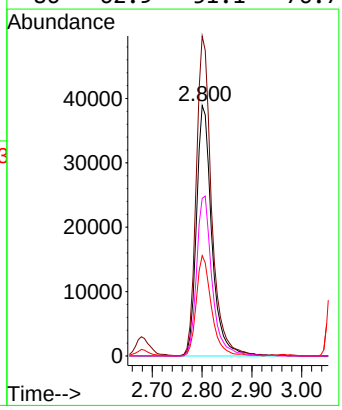


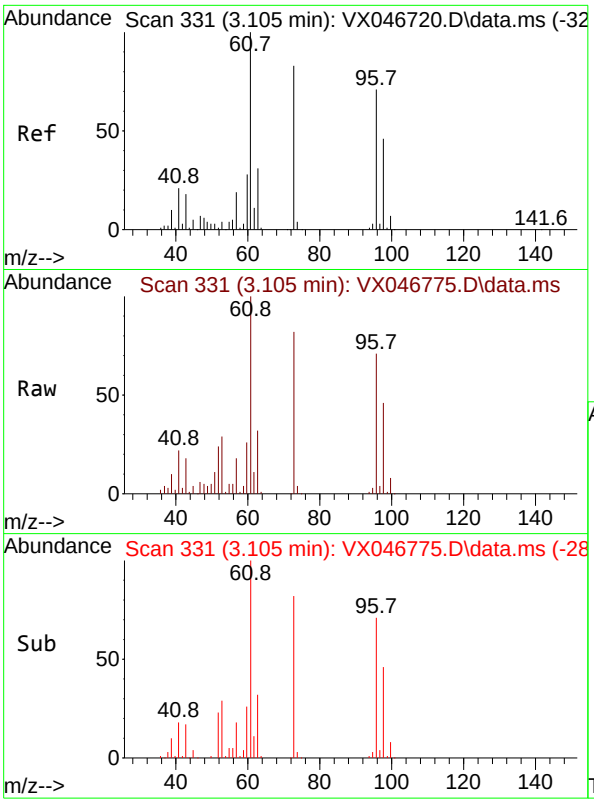


#20
Methylene Chloride
Concen: 50.266 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 84 Resp: 83440

Ion	Ratio	Lower	Upper
84	100		
49	127.7	101.3	151.9
51	40.1	31.0	46.6
86	62.9	51.1	76.7

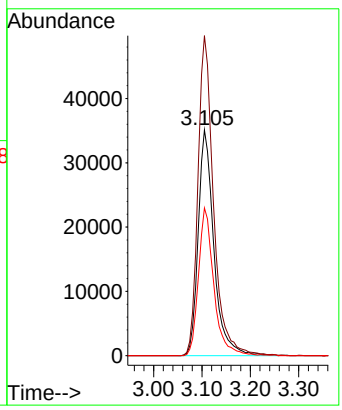




#21
trans-1,2-Dichloroethene
Concen: 51.786 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 96 Resp: 7920

Ion	Ratio	Lower	Upper
96	100		
61	141.7	112.5	168.7
98	65.4	51.9	77.9



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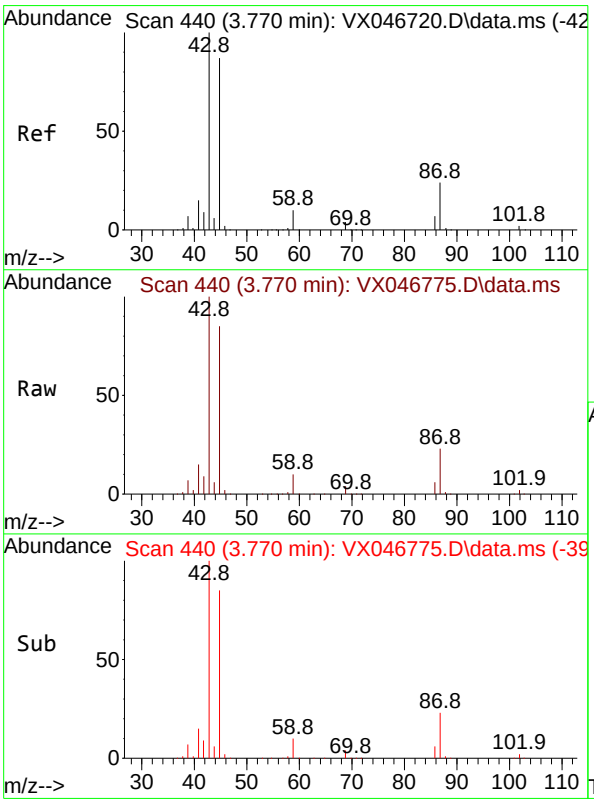
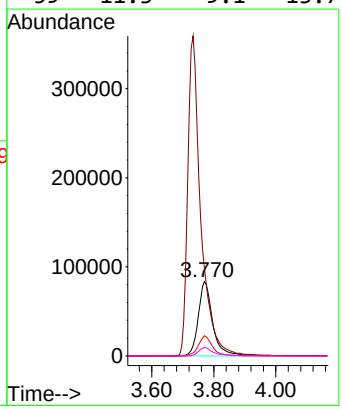
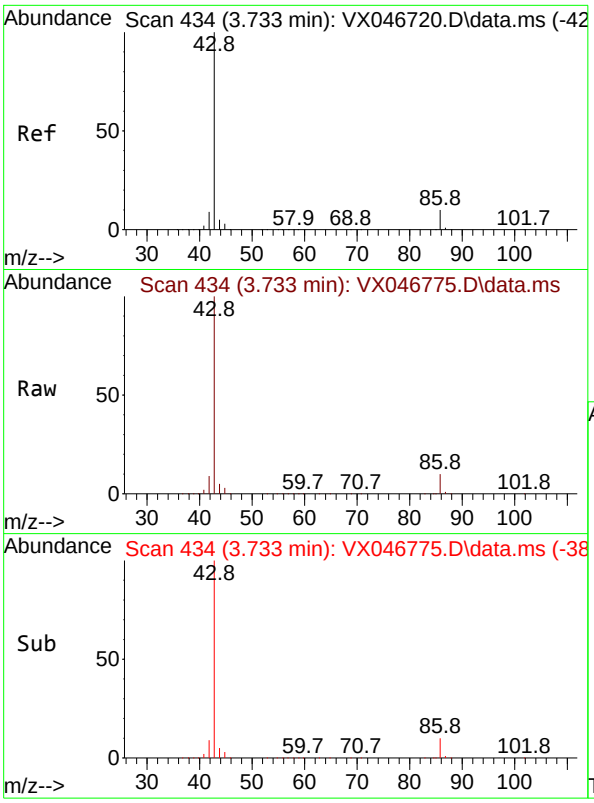


#22
Diisopropyl ether
Concen: 54.281 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 45 Resp: 270205

Ion	Ratio	Lower	Upper
45	100		
43	117.8	91.9	137.9
87	27.3	22.0	33.0
59	11.3	9.1	13.7





#23
Vinyl Acetate
Concen: 266.763 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 105597

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.2	12.2

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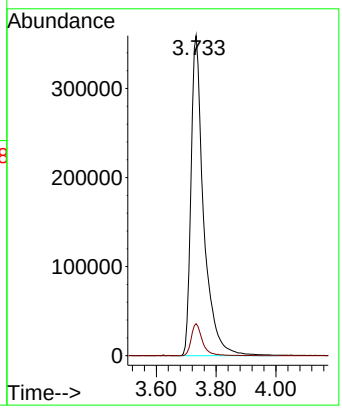
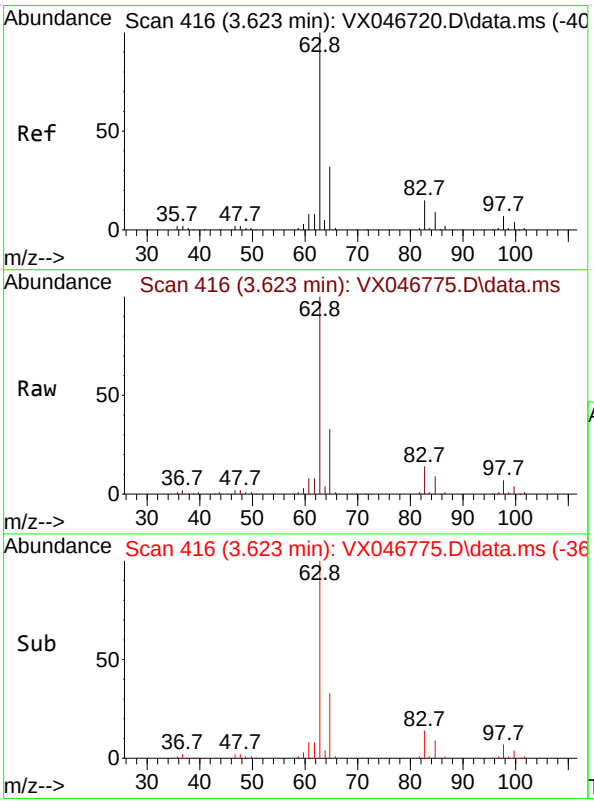
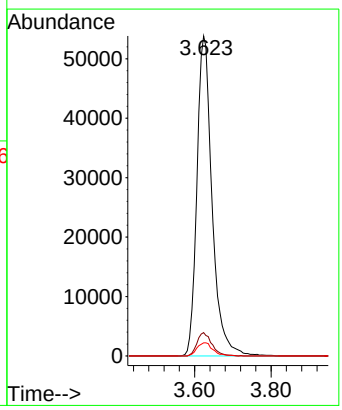


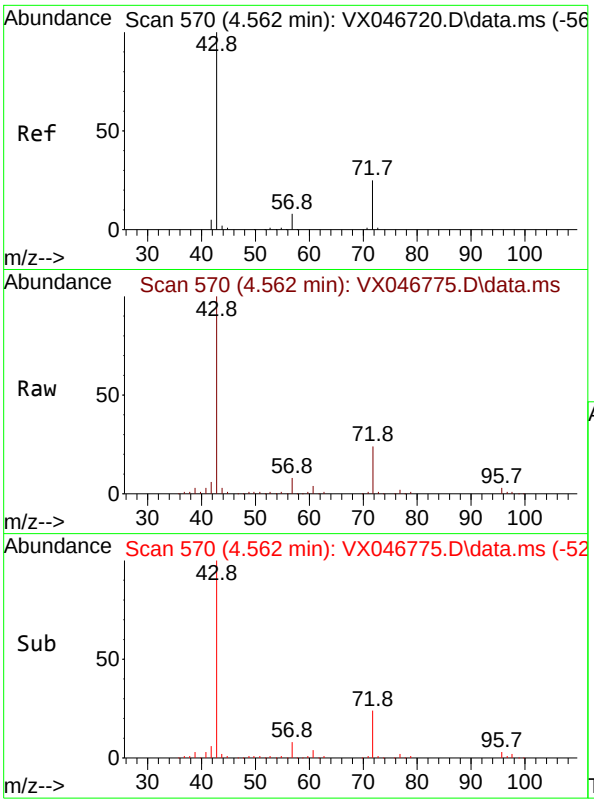


#24
1,1-Dichloroethane
Concen: 52.369 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 63 Resp: 148012

Ion	Ratio	Lower	Upper
63	100		
98	7.3	4.0	11.9
100	4.1	2.2	6.6





#25
2-Butanone
Concen: 256.282 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 21635

Ion	Ratio	Lower	Upper
43	100		
72	23.7	20.2	30.4

Instrument :
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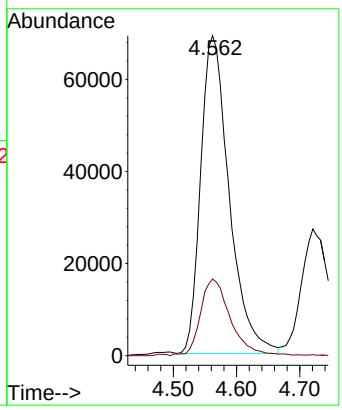
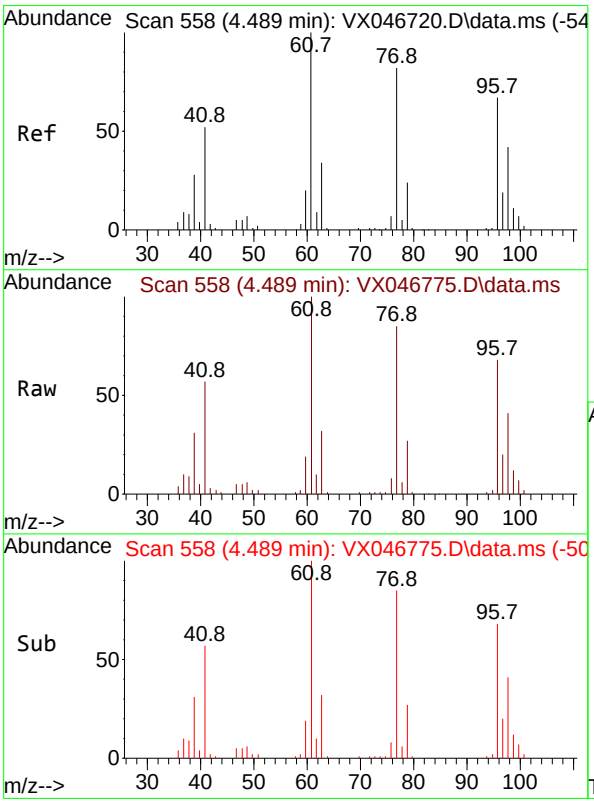
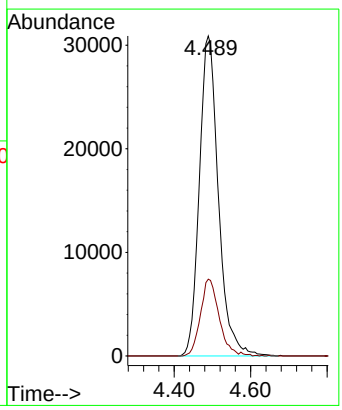


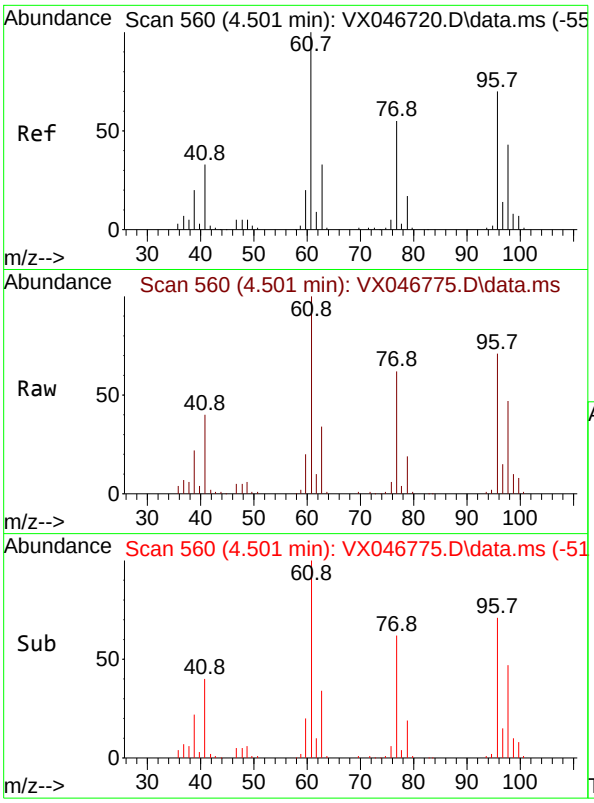


#26
2,2-Dichloropropane
Concen: 51.768 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 77 Resp: 106712

Ion	Ratio	Lower	Upper
77	100		
97	23.6	11.8	35.3

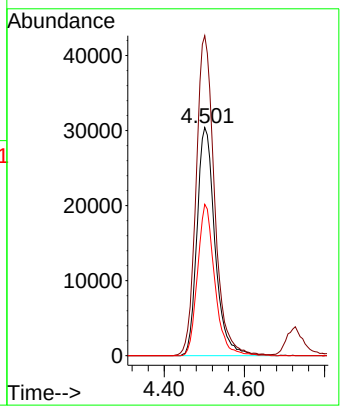




#27
cis-1,2-Dichloroethene
Concen: 52.513 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 96 Resp: 9435

Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	291.0
98	63.9	0.0	126.8



Instrument :
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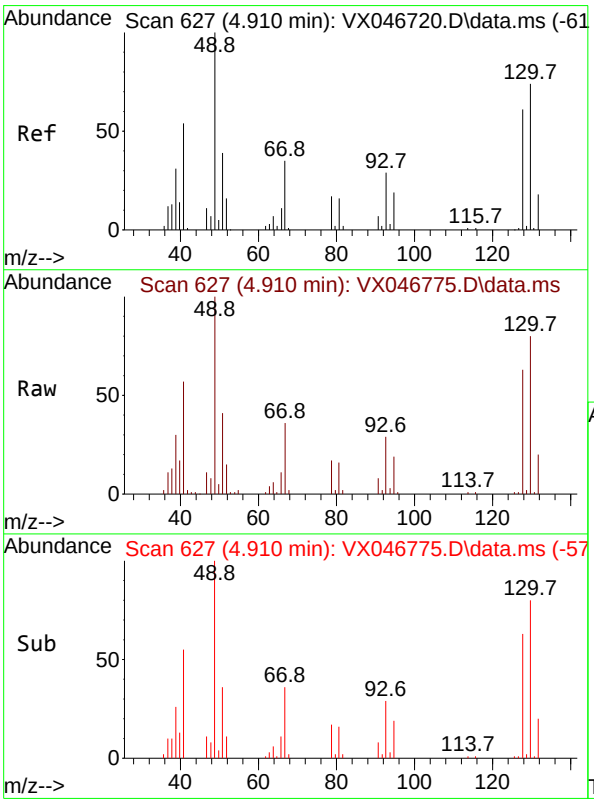
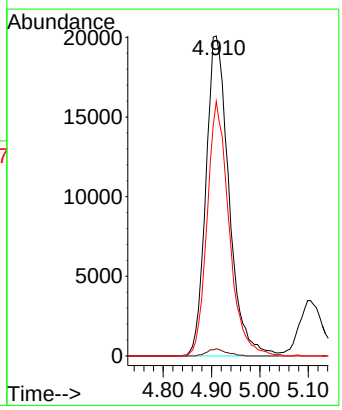
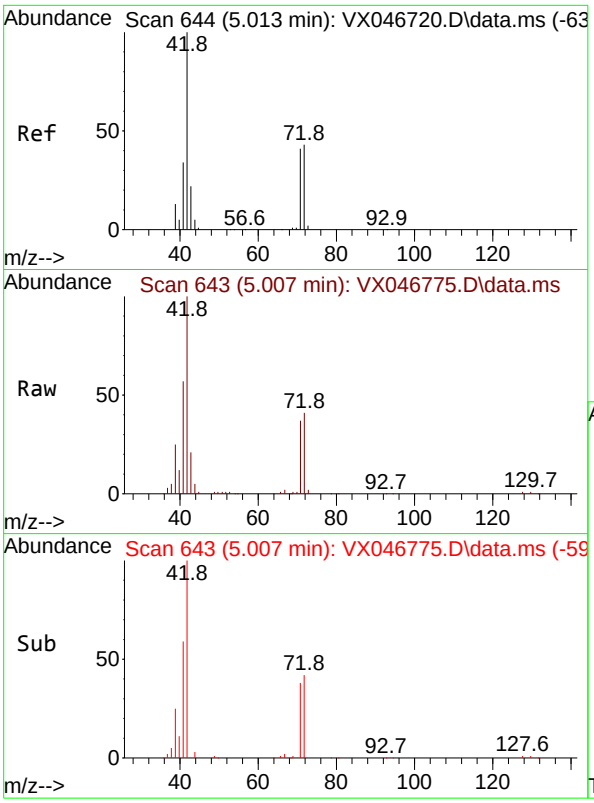


#28
Bromochloromethane
Concen: 51.765 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 49 Resp: 66329

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	75.8	61.4	92.0





#29
Tetrahydrofuran
Concen: 255.819 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 42 Resp: 13949

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.9	52.3
71	39.6	32.2	48.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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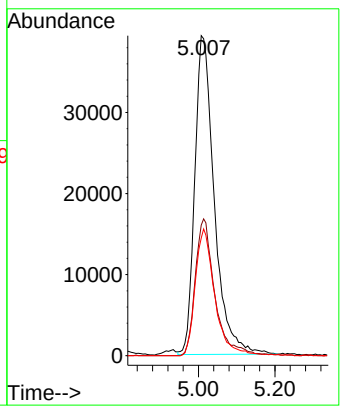
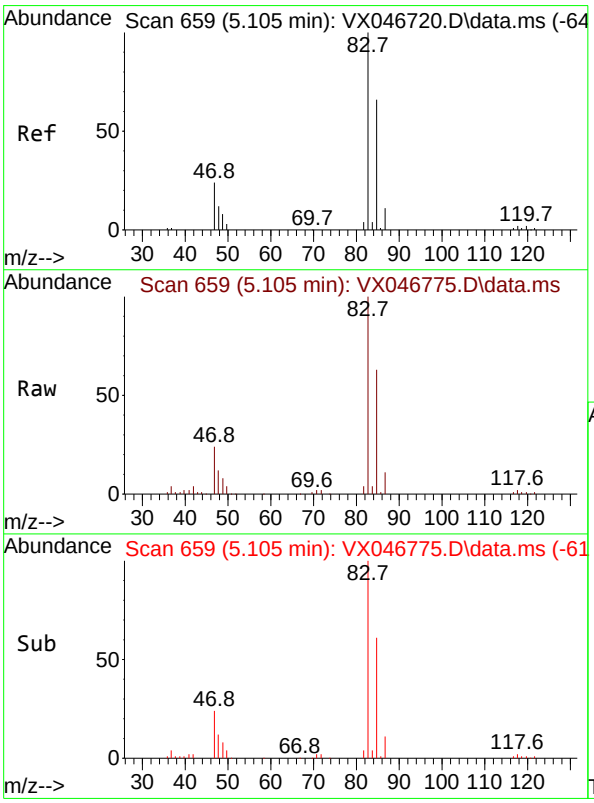
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

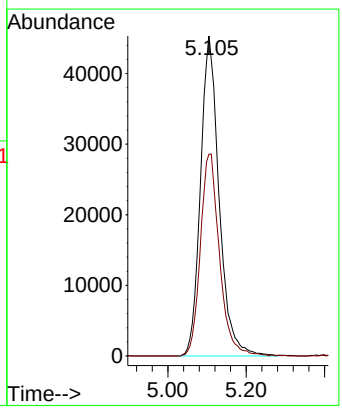


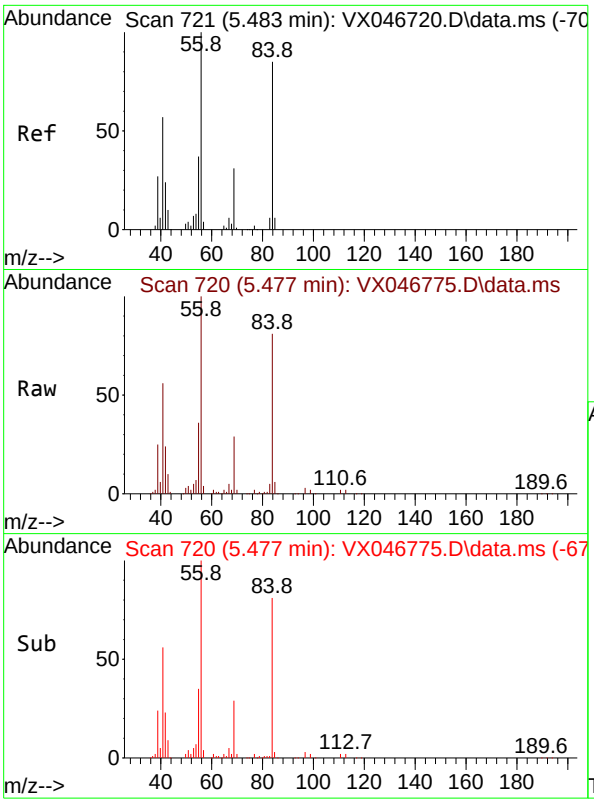


#30
Chloroform
Concen: 52.894 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 83 Resp: 149506

Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.7	80.5

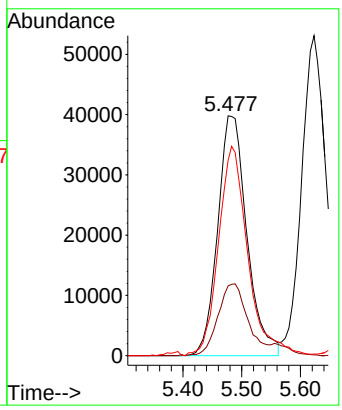




#31
Cyclohexane
Concen: 51.222 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 56 Resp: 13729

Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.8	37.2
84	79.7	68.2	102.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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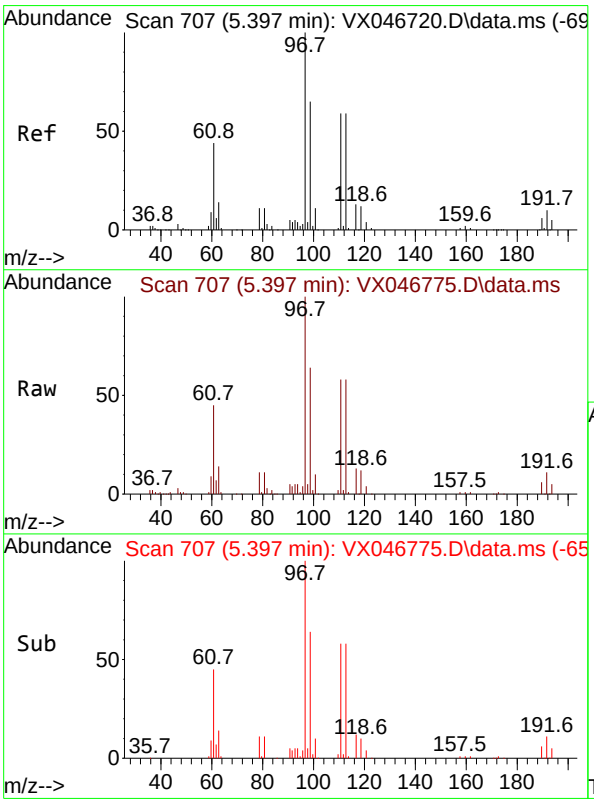
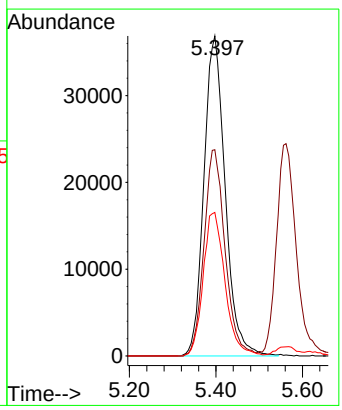
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

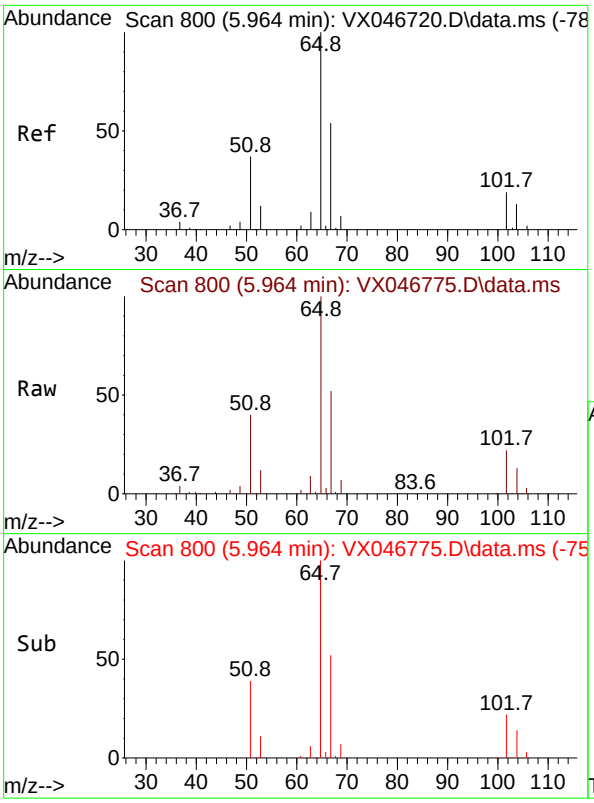


#32
1,1,1-Trichloroethane
Concen: 50.784 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 97 Resp: 125889

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	46.1	36.4	54.6

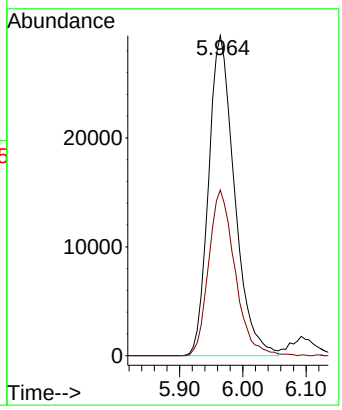




#33
1,2-Dichloroethane-d4
Concen: 46.825 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 65 Resp: 8381

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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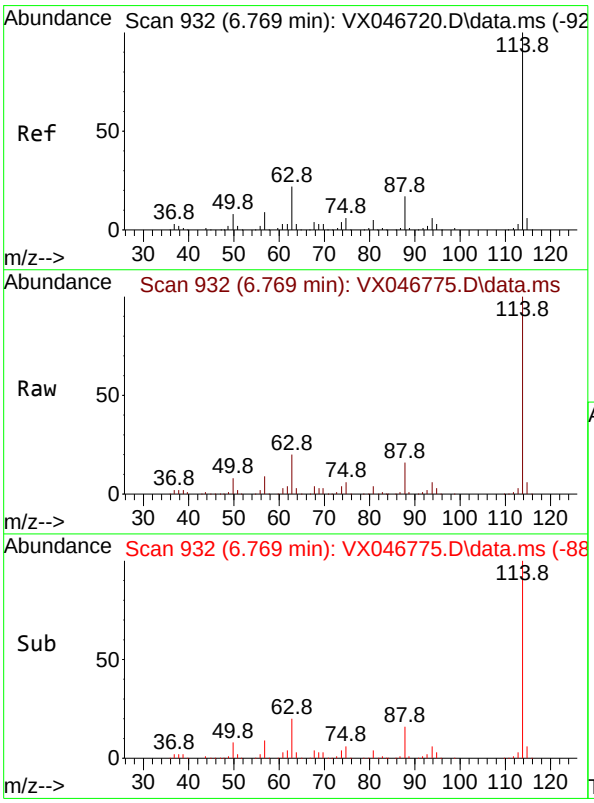
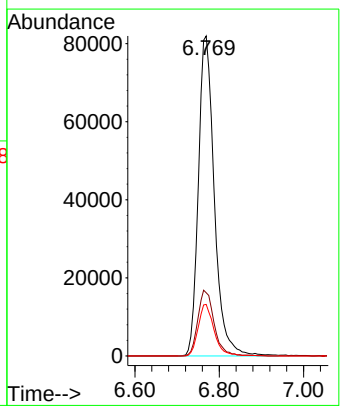
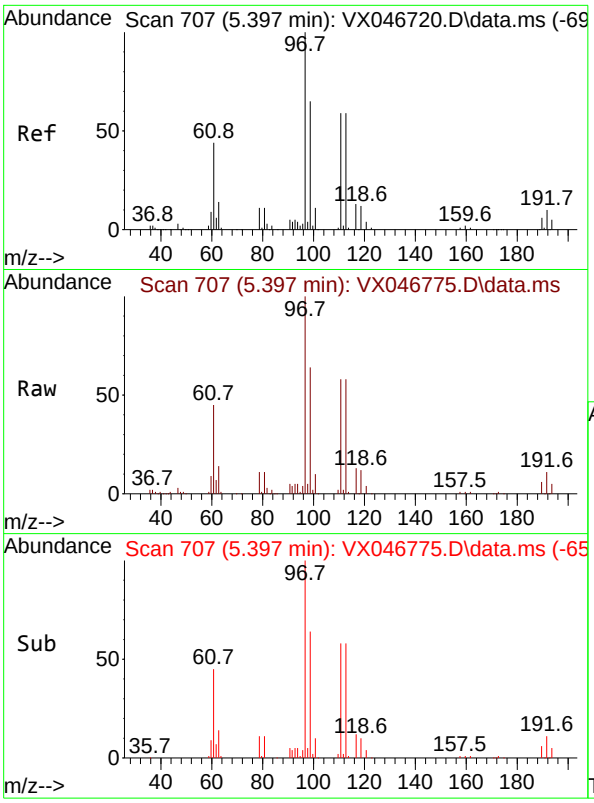


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:114 Resp: 216626

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	44.2
88	16.1	0.0	33.2

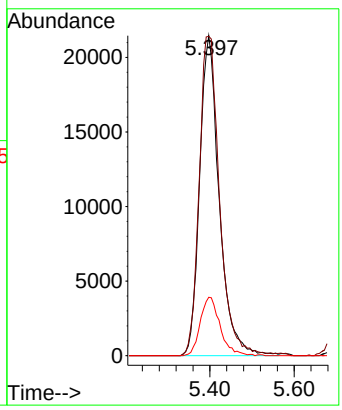




#35
Dibromofluoromethane
Concen: 48.316 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:113 Resp: 6924

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.0	123.0
192	18.5	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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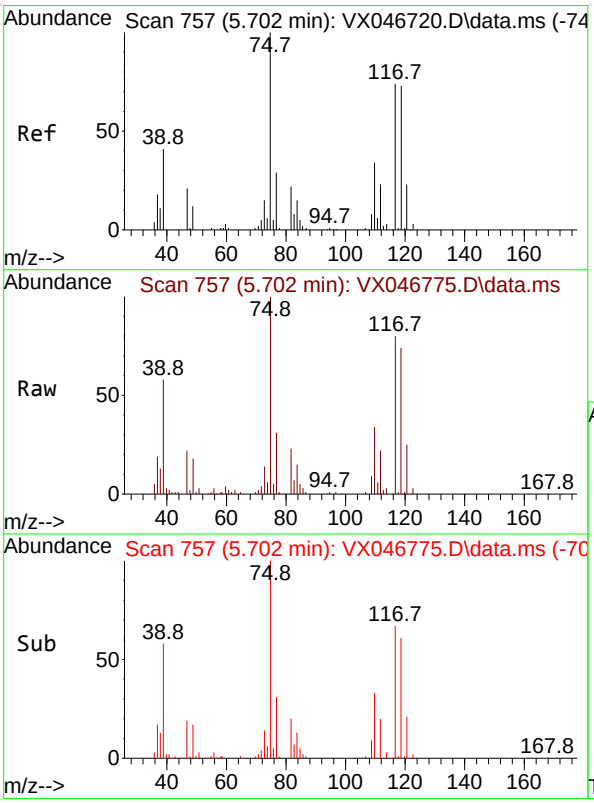
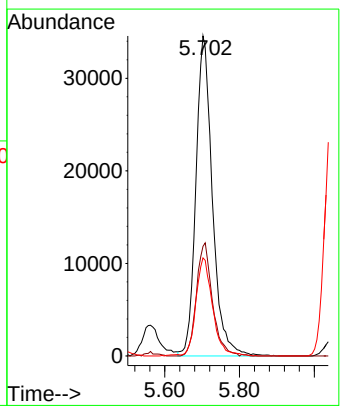
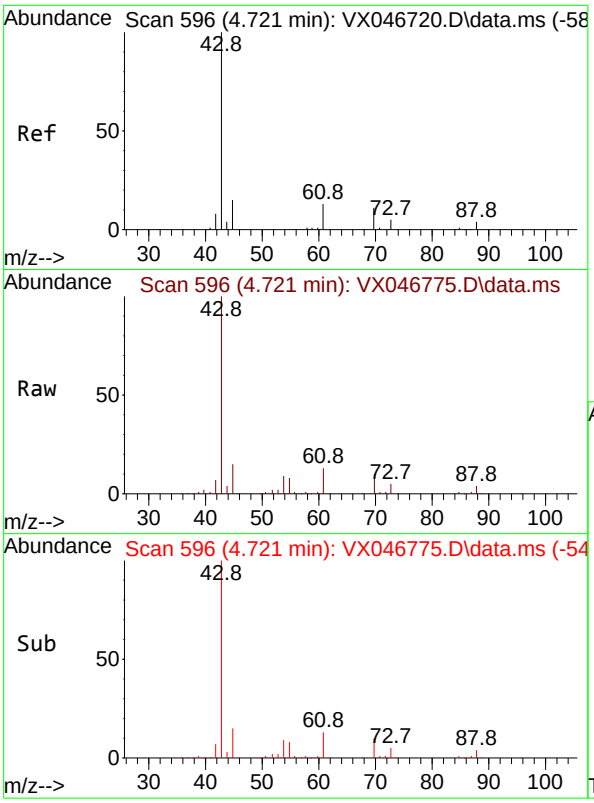


#36
1,1-Dichloropropene
Concen: 51.182 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 75 Resp: 105895

Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.2	51.5
77	30.8	24.2	36.4

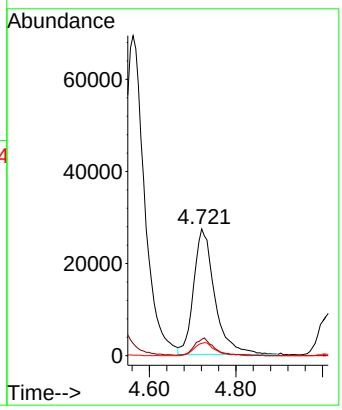




#37
Ethyl Acetate
Concen: 48.219 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 9208

Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.7	14.5
70	10.2	8.1	12.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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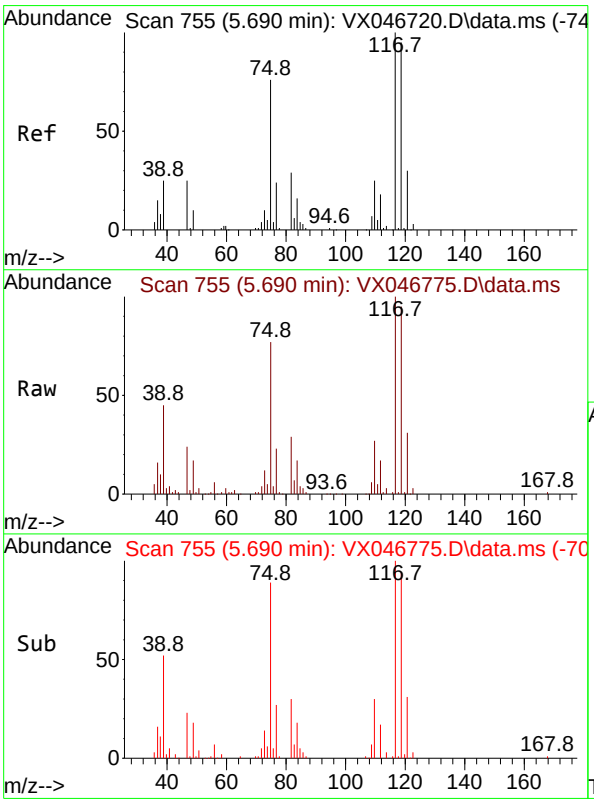
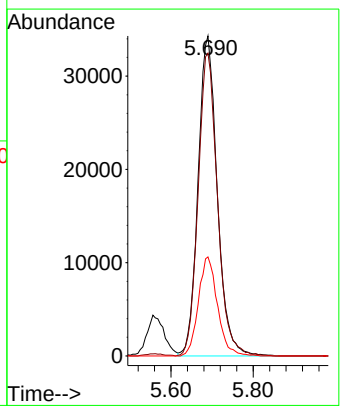
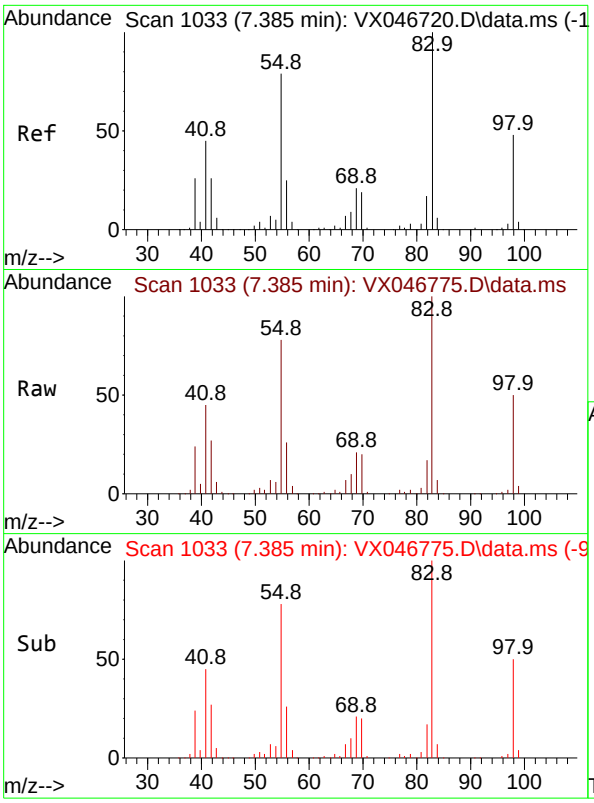


#38
Carbon Tetrachloride
Concen: 49.529 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:117 Resp: 111211

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.2	112.8
121	30.9	24.1	36.1

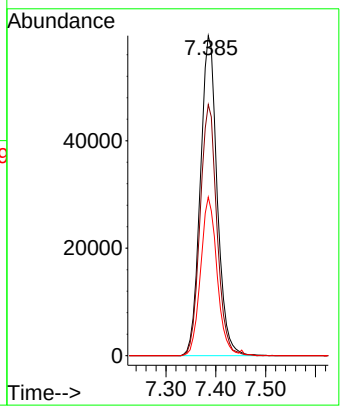




#39
Methylcyclohexane
Concen: 51.281 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 83 Resp: 13961

Ion	Ratio	Lower	Upper
83	100		
55	78.5	63.0	94.4
98	49.6	38.8	58.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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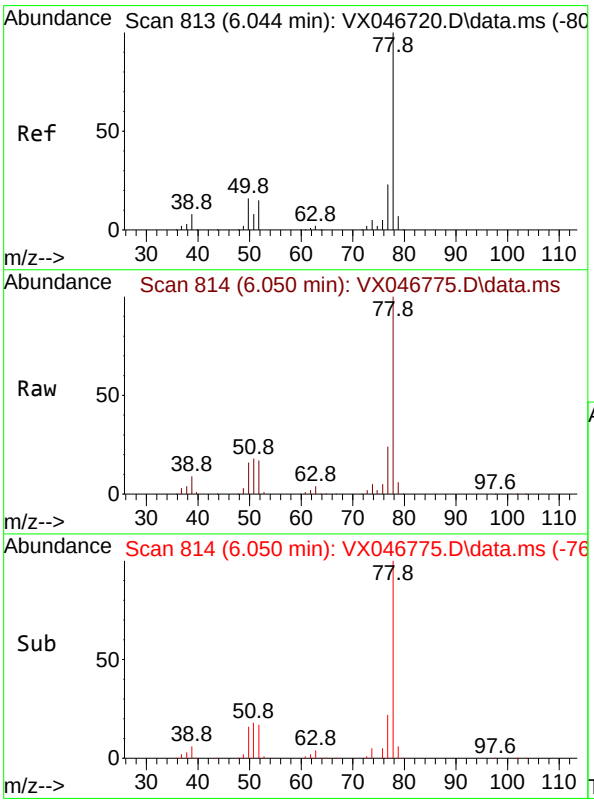
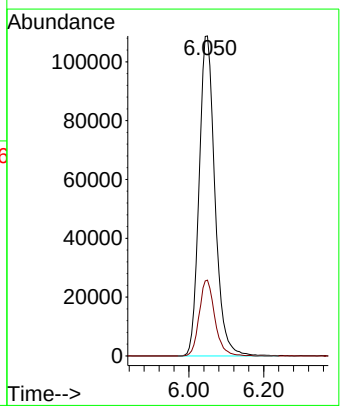
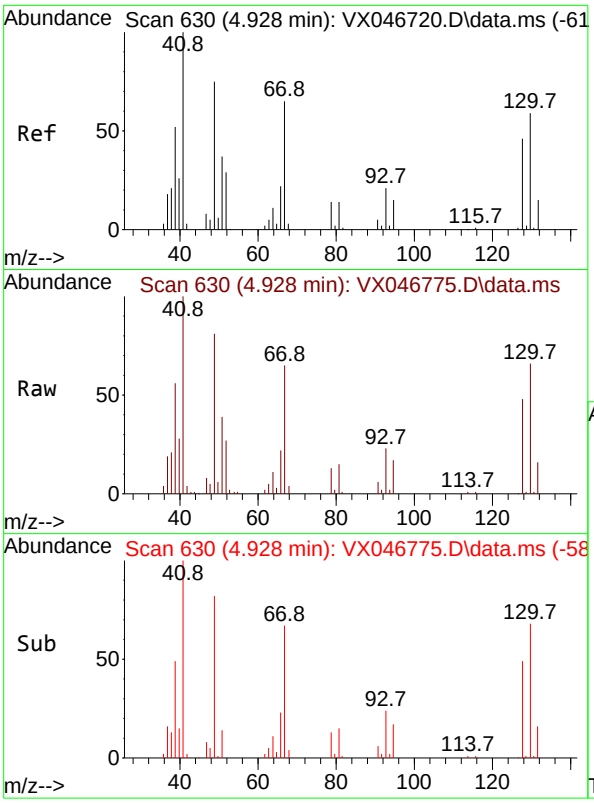


#40
Benzene
Concen: 52.086 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 78 Resp: 318931

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2

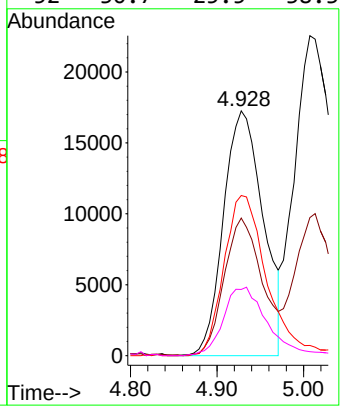




#41
Methacrylonitrile
Concen: 54.078 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 41 Resp: 5505

Ion	Ratio	Lower	Upper
41	100		
39	53.7	45.9	68.9
67	71.4	61.2	91.8
52	30.7	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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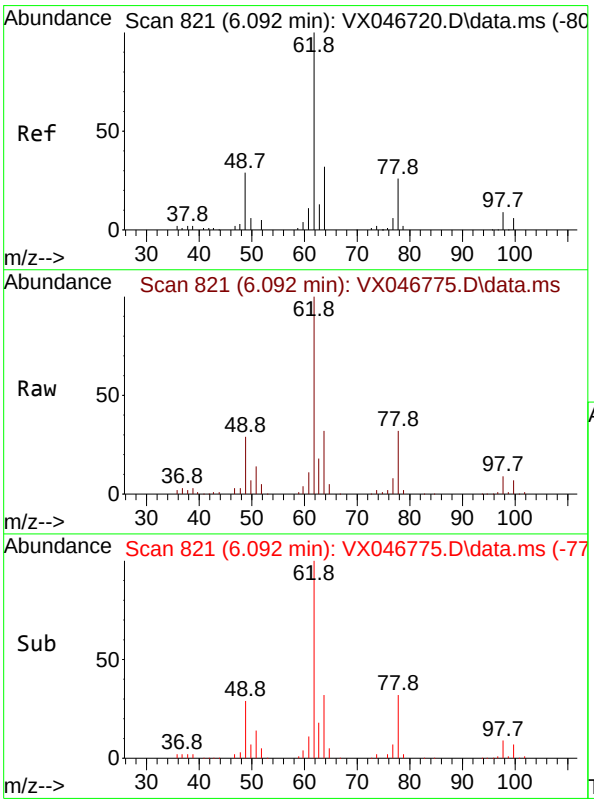
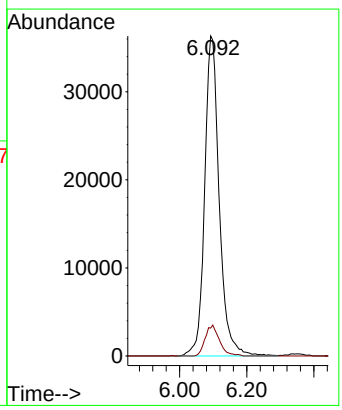
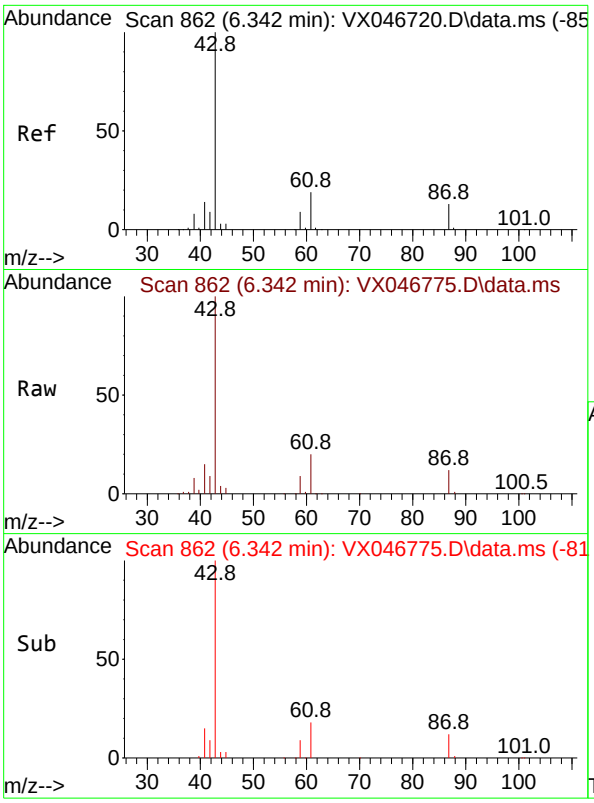


#42
1,2-Dichloroethane
Concen: 50.860 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 62 Resp: 109435

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8





#43
Isopropyl Acetate
Concen: 50.655 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 15138

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.3	22.9
87	12.5	10.0	15.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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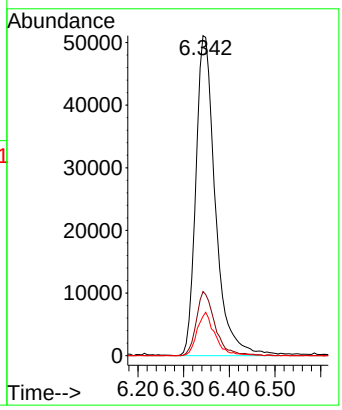
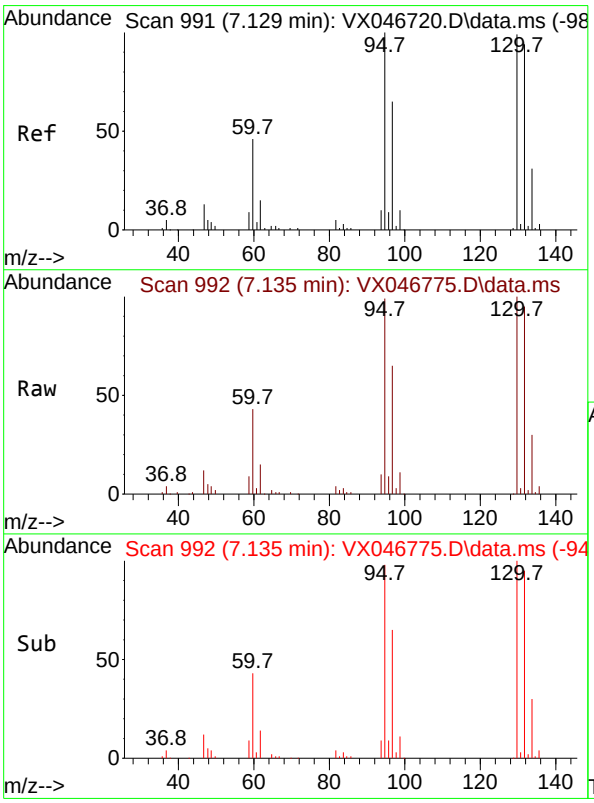
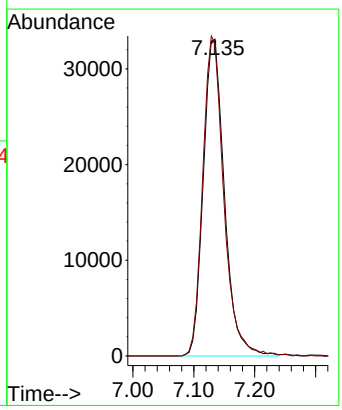


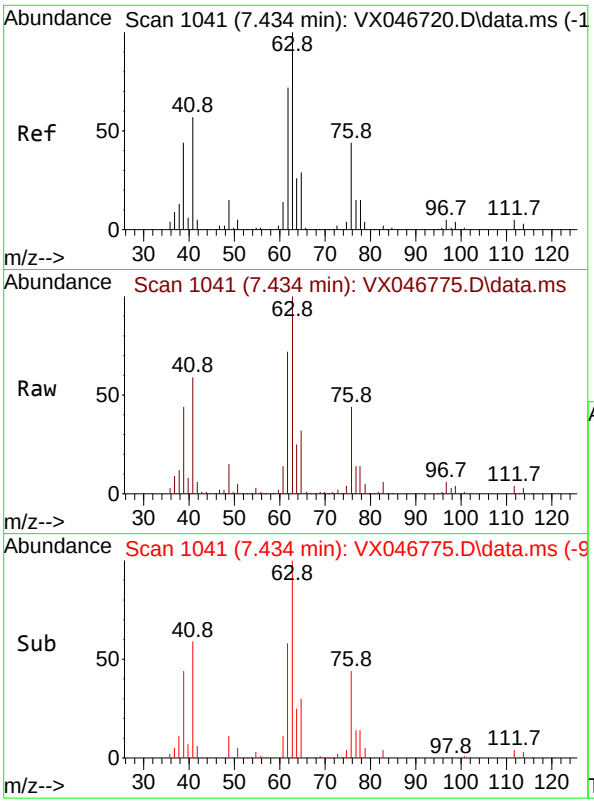


#44
Trichloroethene
Concen: 51.252 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:130 Resp: 79977

Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	202.6





#45
1,2-Dichloropropane
Concen: 51.797 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 63 Resp: 7860

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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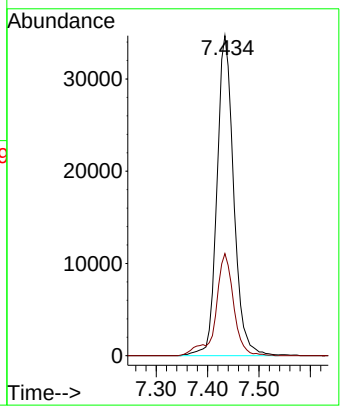
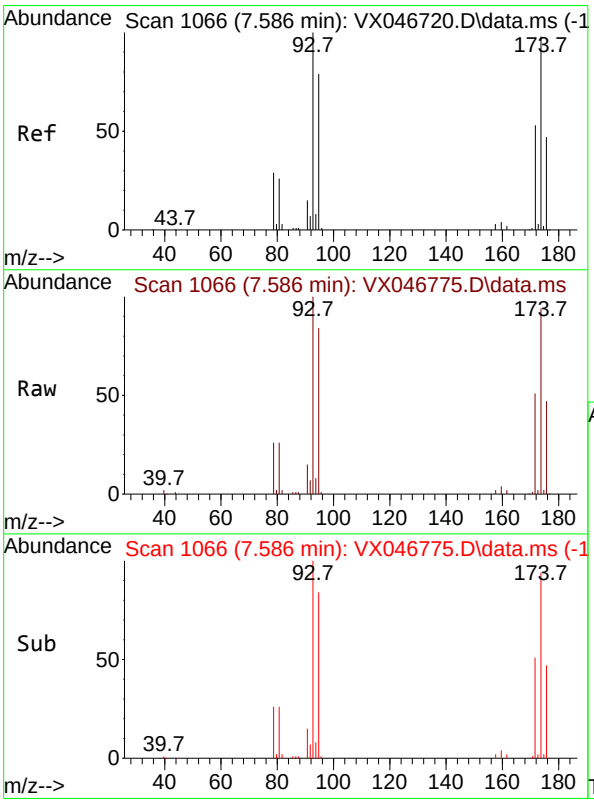
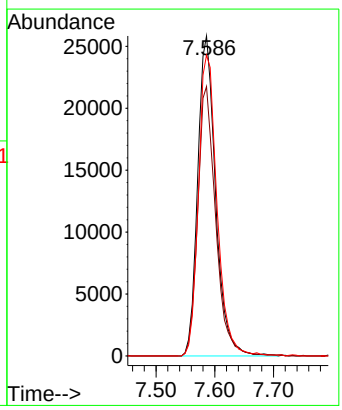


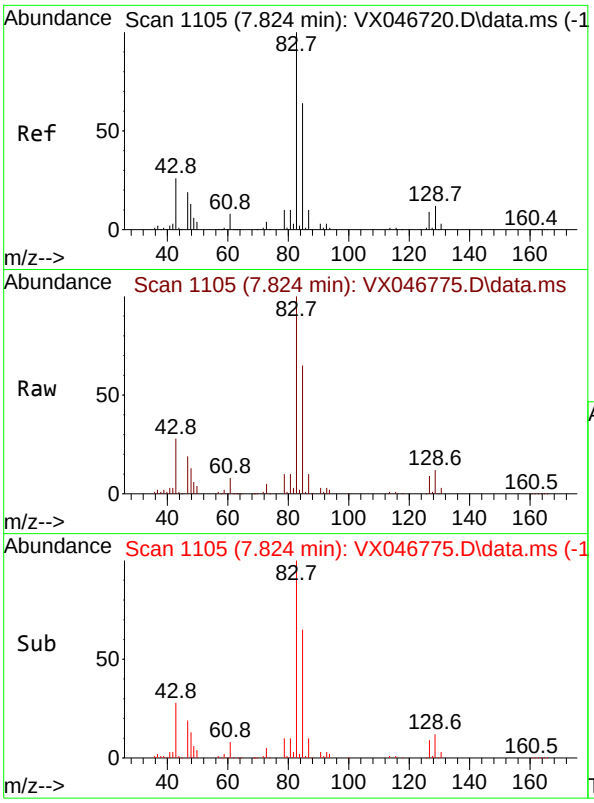


#46
Dibromomethane
Concen: 50.201 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 93 Resp: 54750

Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.2	99.4
174	97.6	77.0	115.6

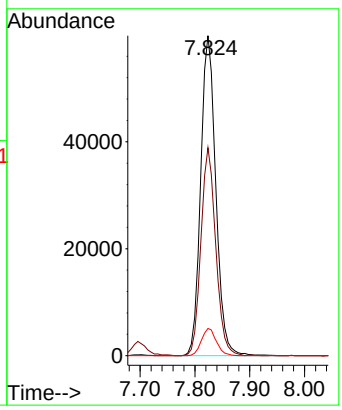




#47
Bromodichloromethane
Concen: 51.475 ug/l
RT: 7.824 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 83 Resp: 11456

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.2
127	8.5	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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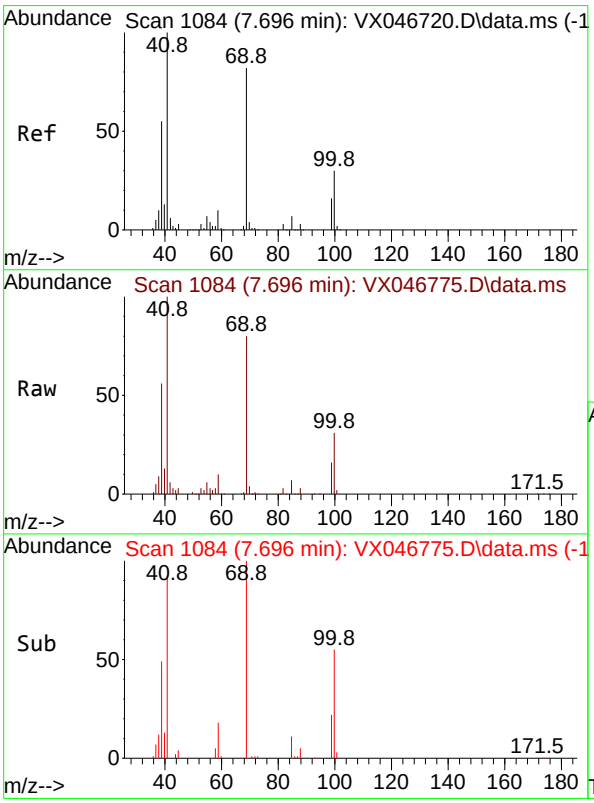
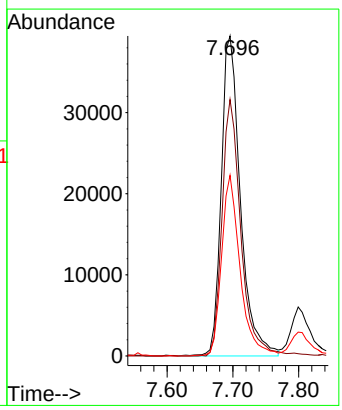
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

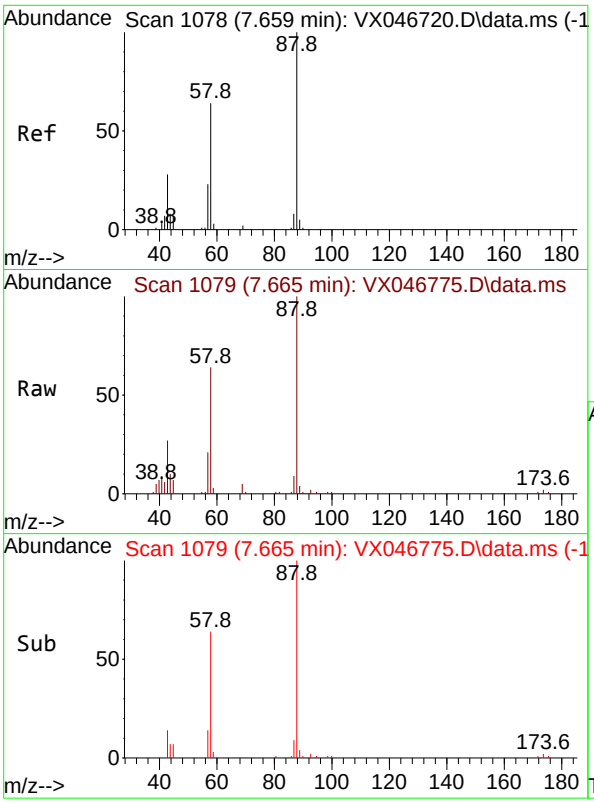


#48
Methyl methacrylate
Concen: 53.494 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 41 Resp: 80176

Ion	Ratio	Lower	Upper
41	100		
69	79.0	63.4	95.2
39	54.7	45.4	68.0





#49
1,4-Dioxane
Concen: 894.415 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 88 Resp: 1943

Ion	Ratio	Lower	Upper
88	100		
43	36.0	31.2	46.8
58	73.2	54.7	82.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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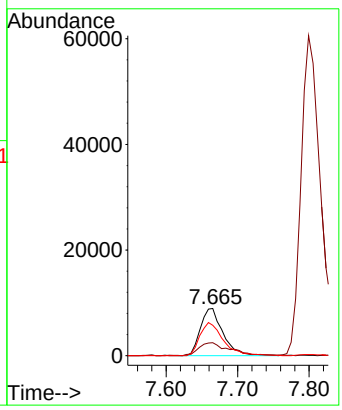
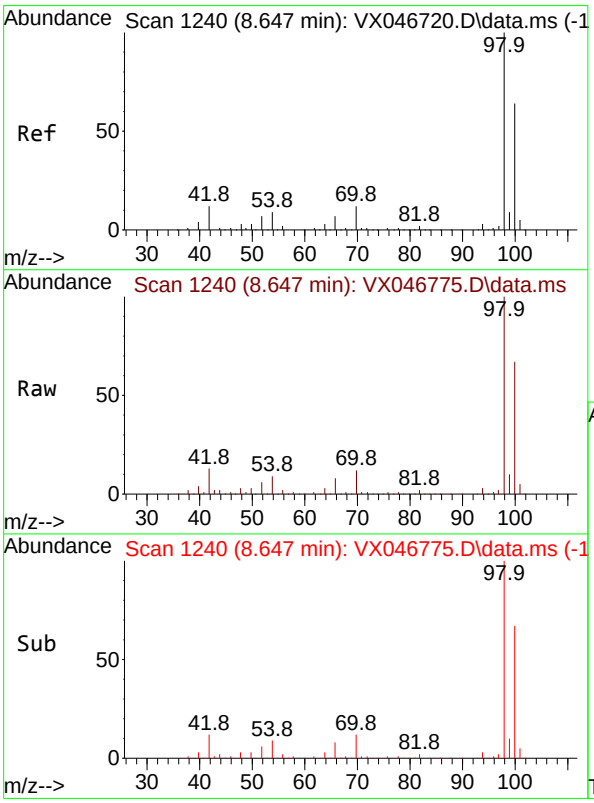
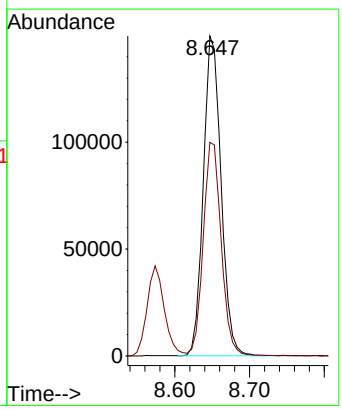


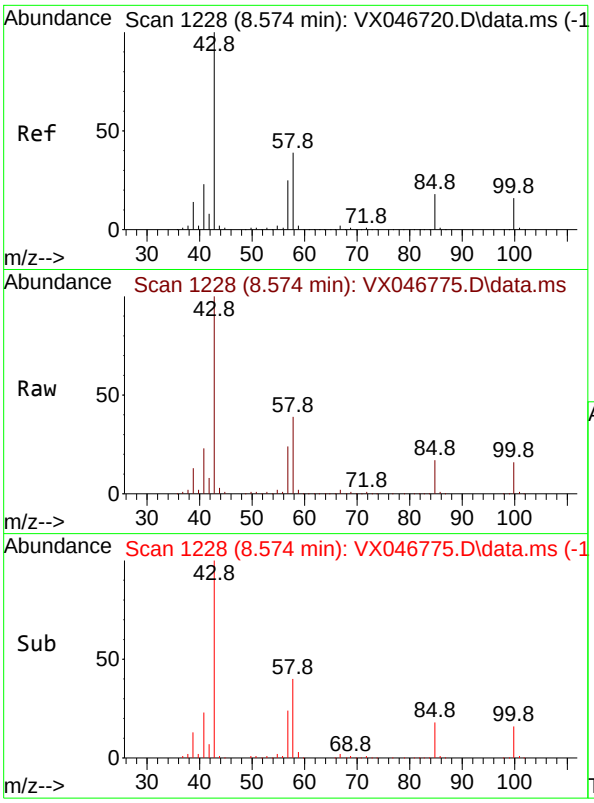


#50
Toluene-d8
Concen: 47.880 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 98 Resp: 246552

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 254.472 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 45356

Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.8	46.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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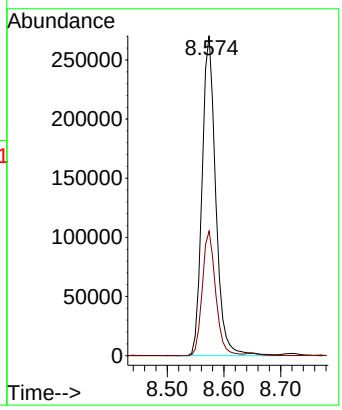
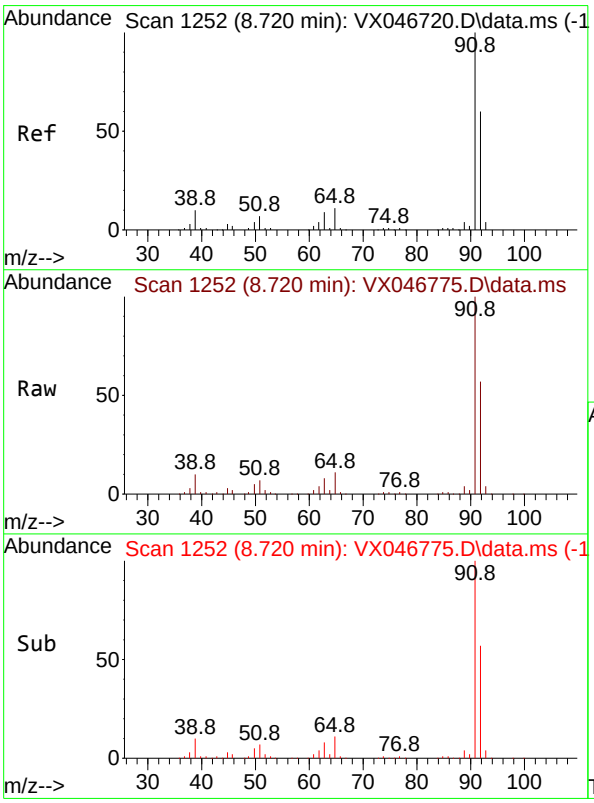
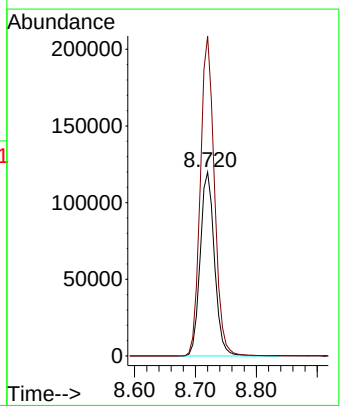


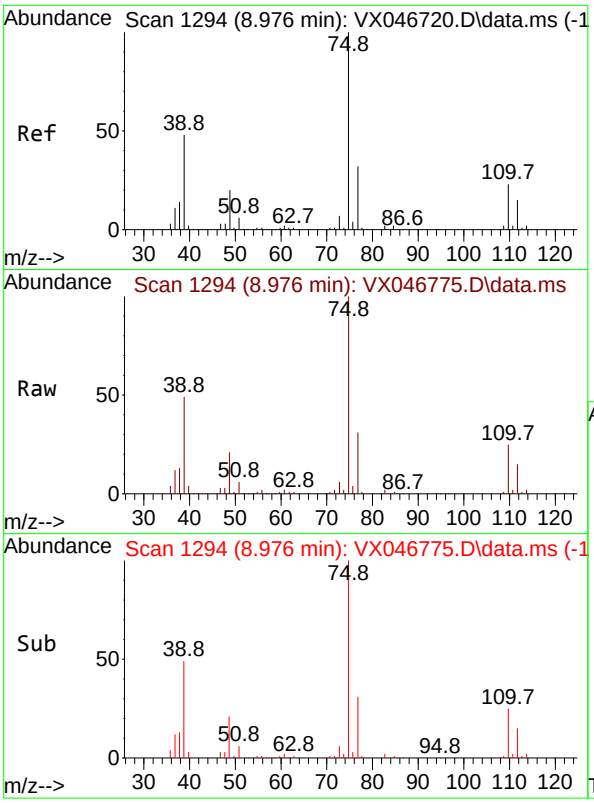


#52
Toluene
Concen: 51.477 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 92 Resp: 195403

Ion	Ratio	Lower	Upper
92	100		
91	172.1	134.8	202.2

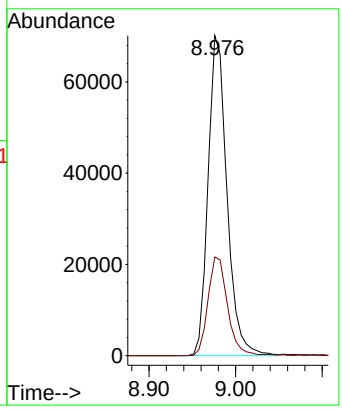




#53
t-1,3-Dichloropropene
Concen: 51.427 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 75 Resp: 10619

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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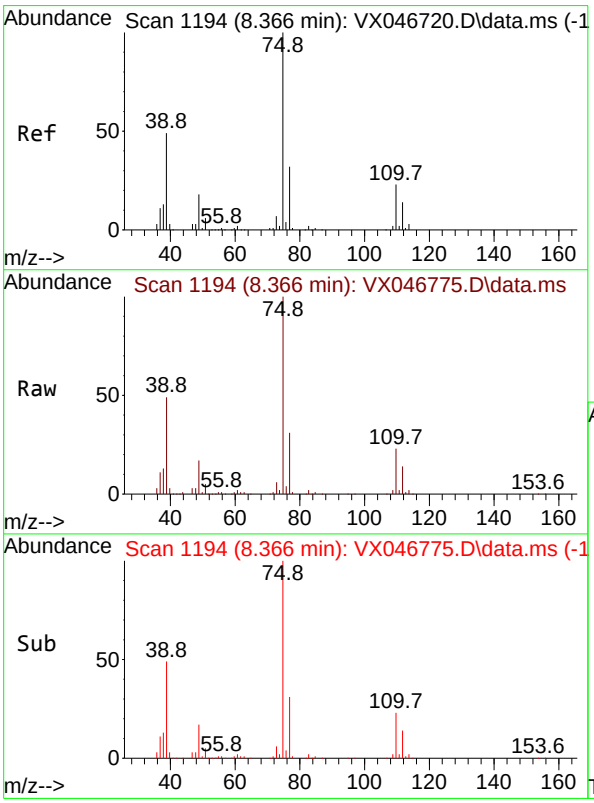
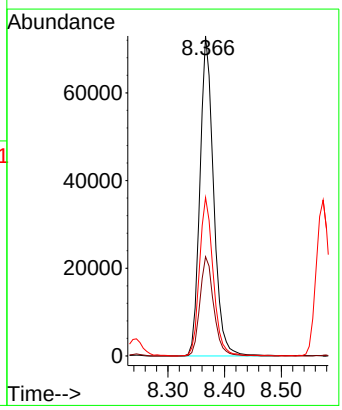
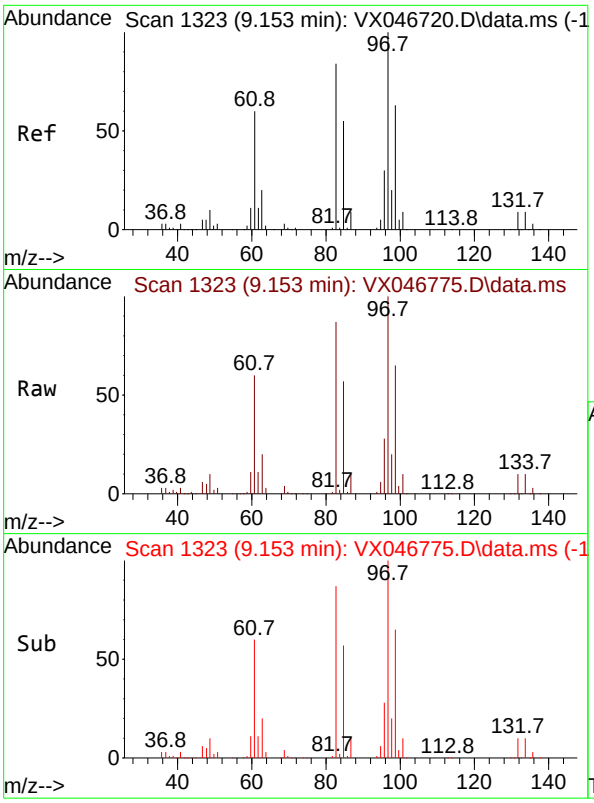


#54
cis-1,3-Dichloropropene
Concen: 52.254 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 75 Resp: 122494

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9
39	48.8	39.2	58.8

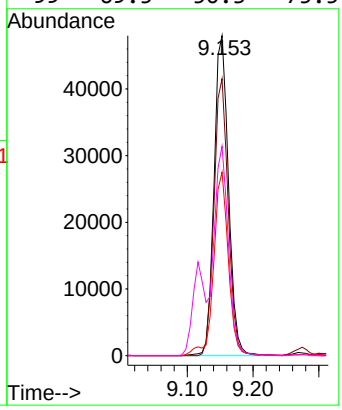




#55
1,1,2-Trichloroethane
Concen: 51.978 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 97 Resp: 7352

Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.2	100.8
85	57.4	44.1	66.1
99	69.5	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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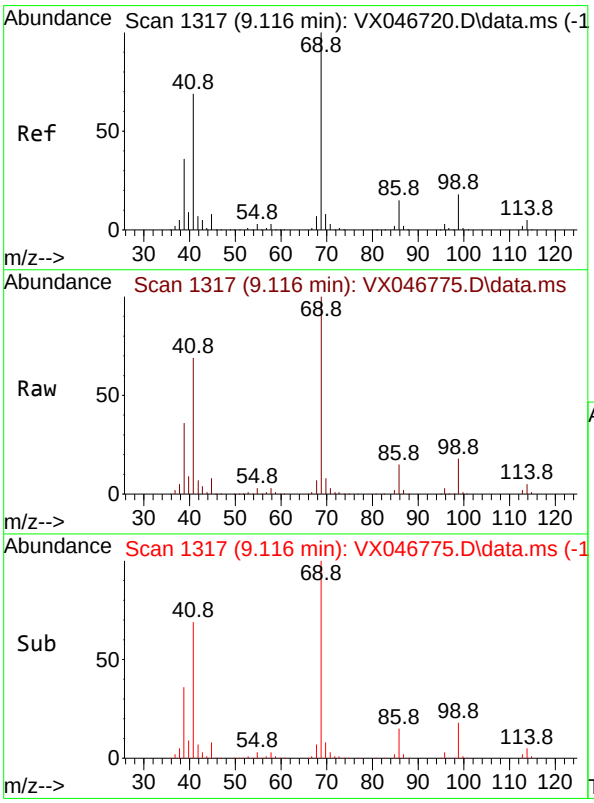
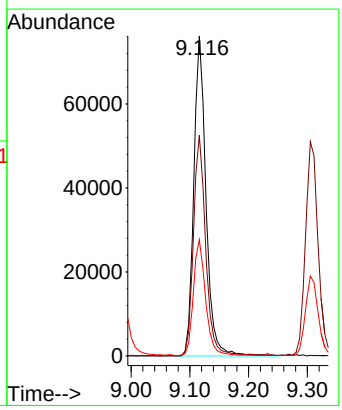
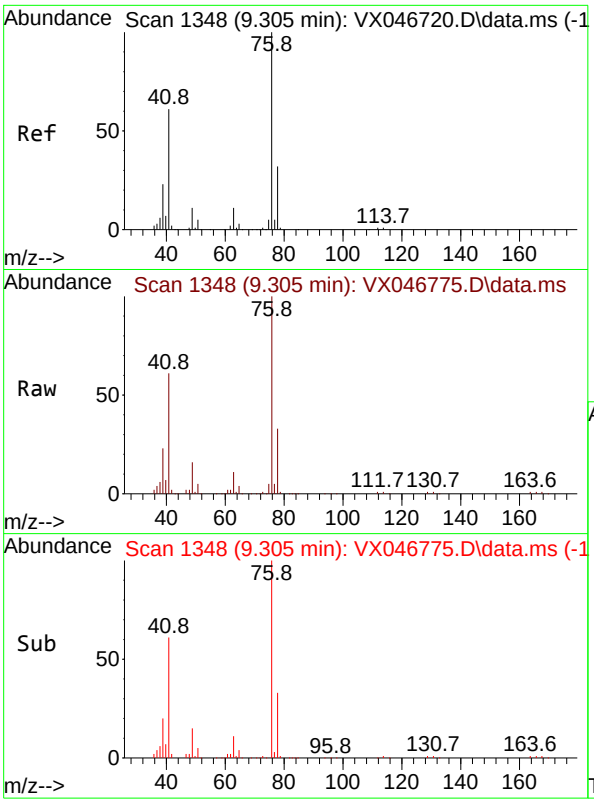


#56
Ethyl methacrylate
Concen: 52.671 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 69 Resp: 109987

Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.4	83.2
39	36.3	29.7	44.5





#57
1,3-Dichloropropane
Concen: 51.414 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 76 Resp: 12524

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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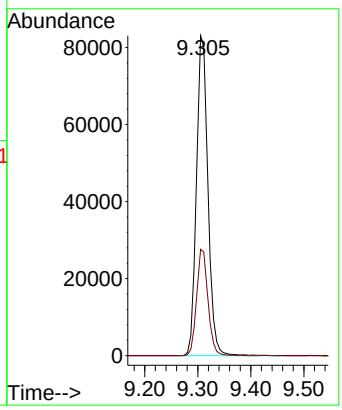
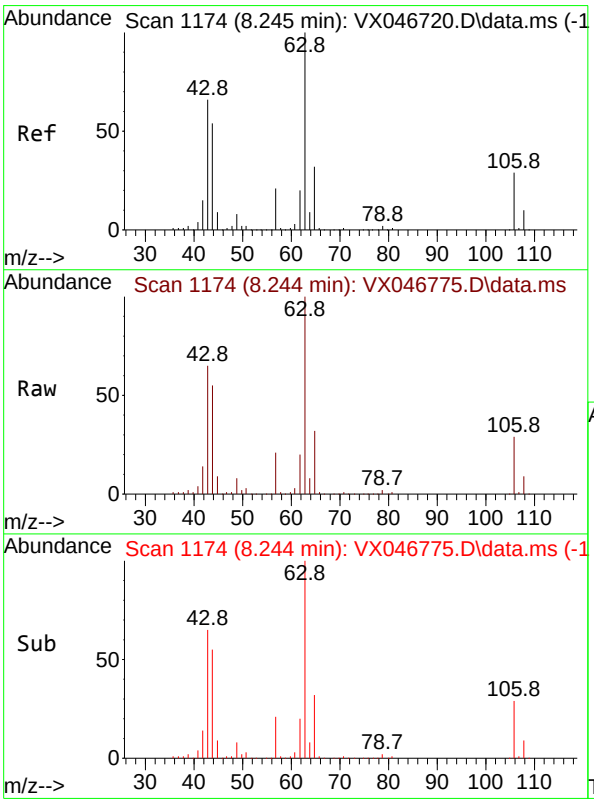
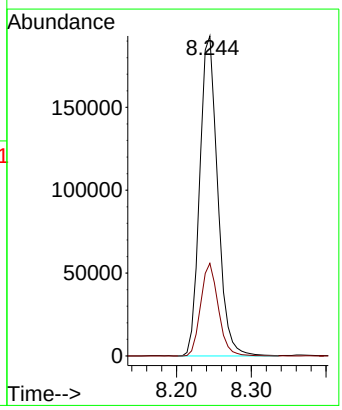


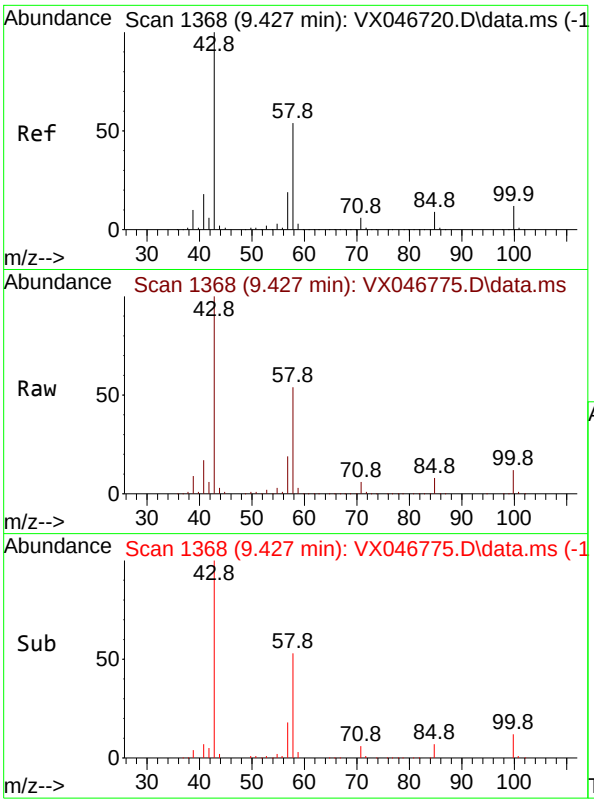


#58
2-Chloroethyl Vinyl ether
Concen: 296.571 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 63 Resp: 321699

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.6	34.0





#59
2-Hexanone
Concen: 252.021 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 31054

Ion	Ratio	Lower	Upper
43	100		
58	53.5	26.8	80.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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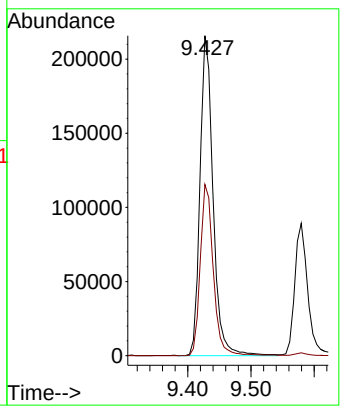
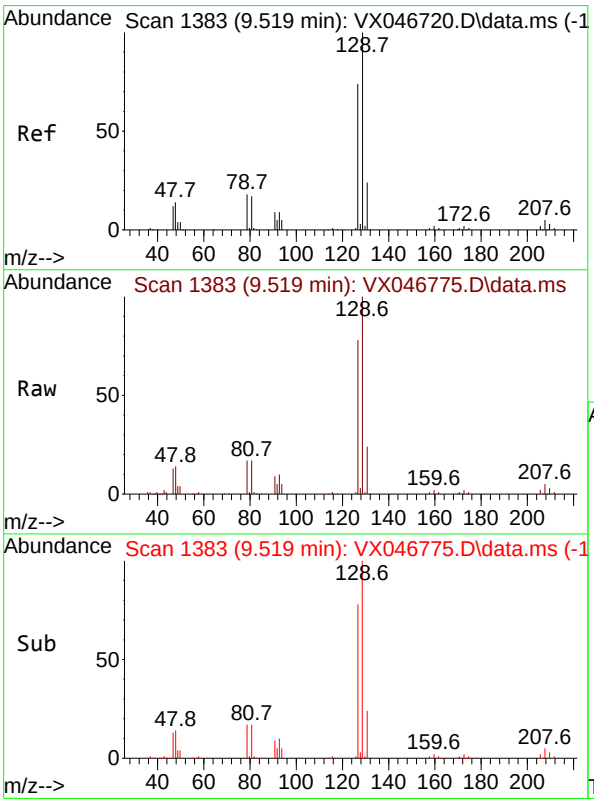
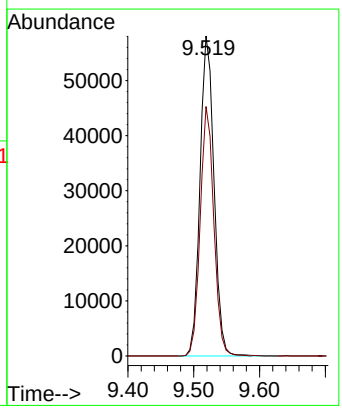


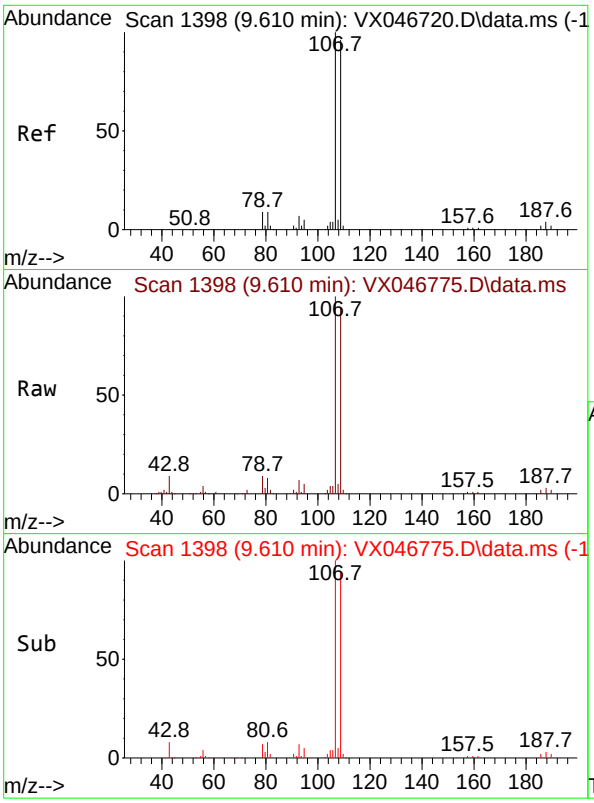


#60
Dibromochloromethane
Concen: 51.500 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:129 Resp: 85854

Ion	Ratio	Lower	Upper
129	100		
127	75.9	38.4	115.2





#61
1,2-Dibromoethane
Concen: 51.083 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:107 Resp: 7350

Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.8	113.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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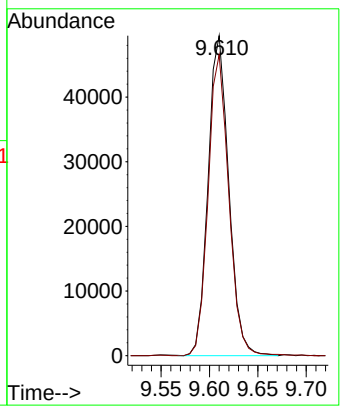
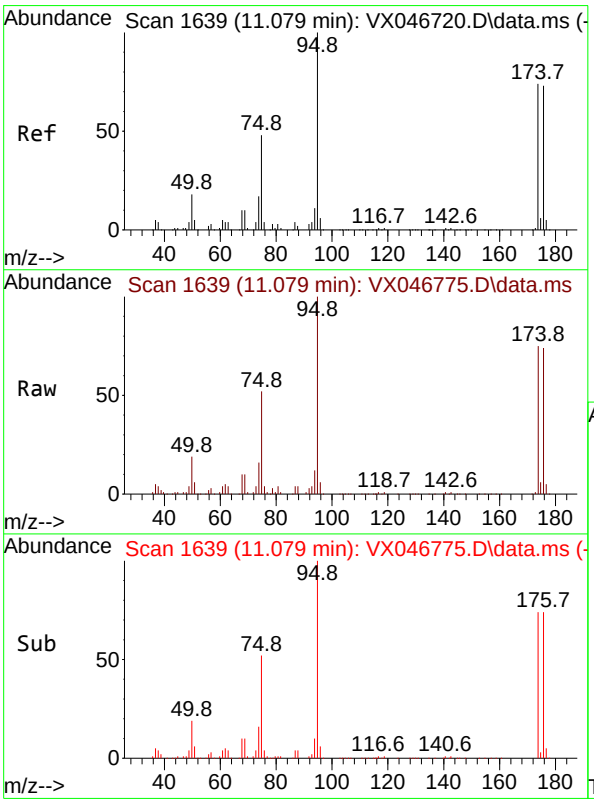
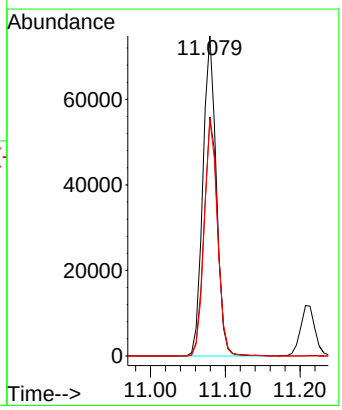


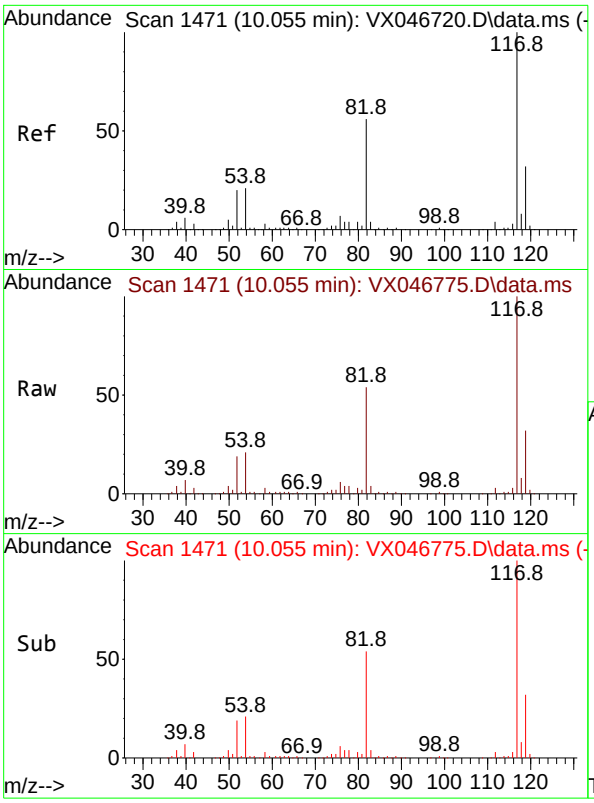


#62
4-Bromofluorobenzene
Concen: 48.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 95 Resp: 93266

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	150.4
176	73.4	0.0	145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:117 Resp: 19072

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	66.8
119	32.1	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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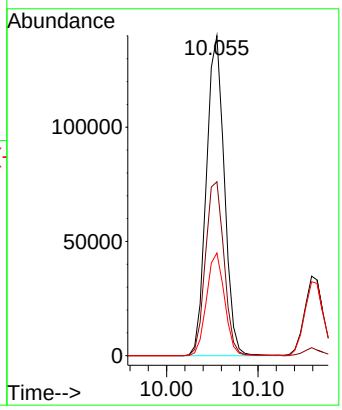
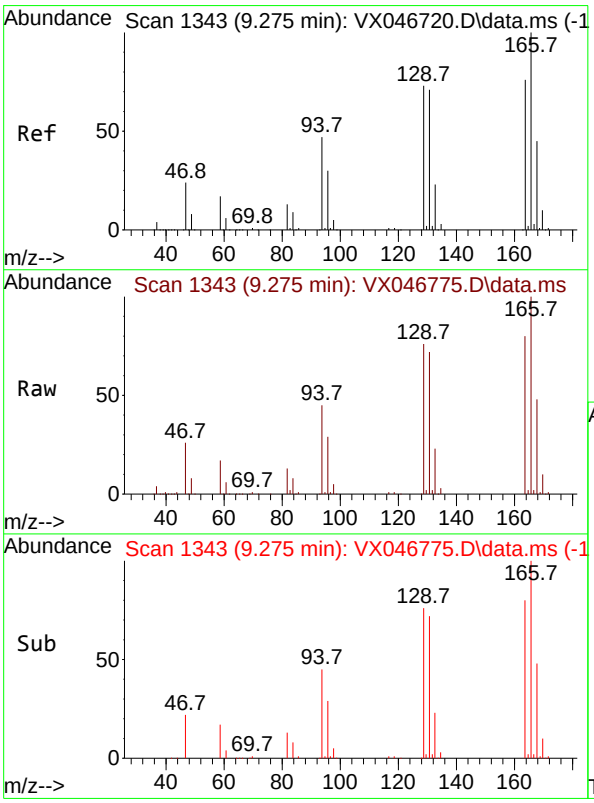
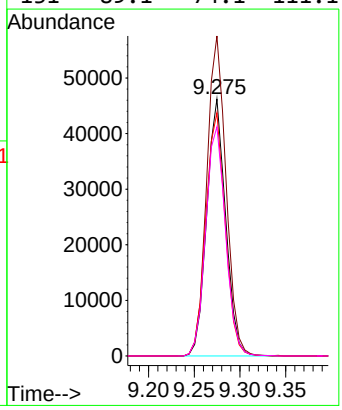


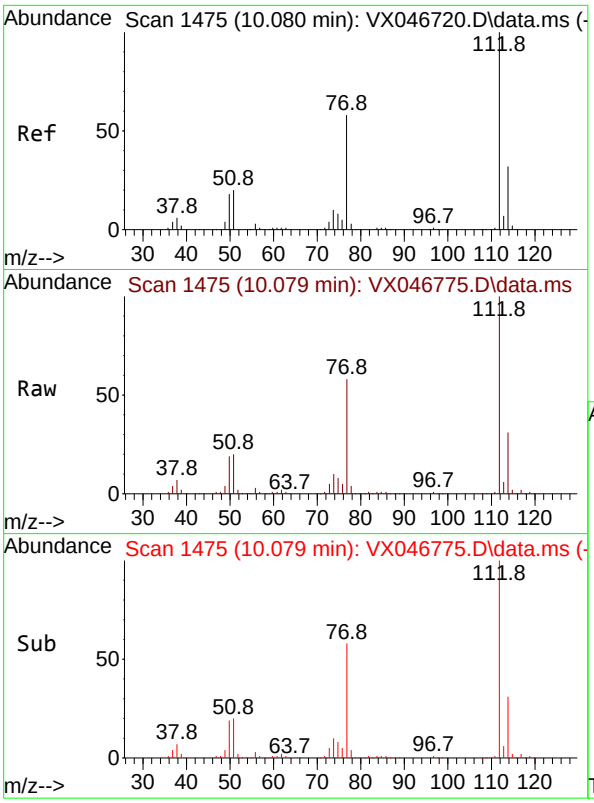


#64
Tetrachloroethene
Concen: 50.181 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:164 Resp: 66307

Ion	Ratio	Lower	Upper
164	100		
166	124.5	104.6	157.0
129	94.6	76.3	114.5
131	89.1	74.1	111.1





#65
Chlorobenzene
Concen: 51.382 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:112 Resp: 216318

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.5	38.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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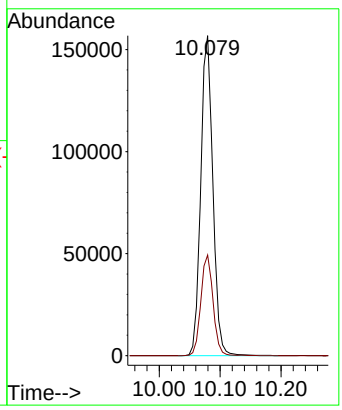
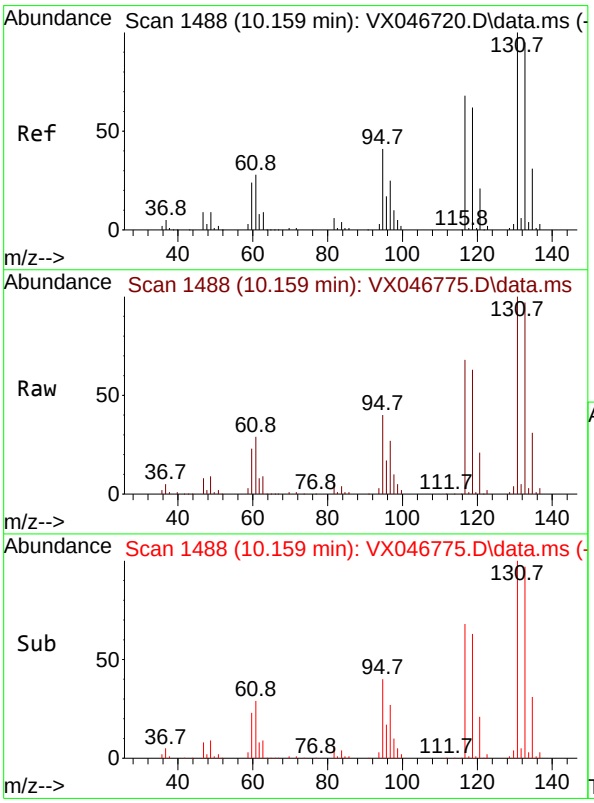
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

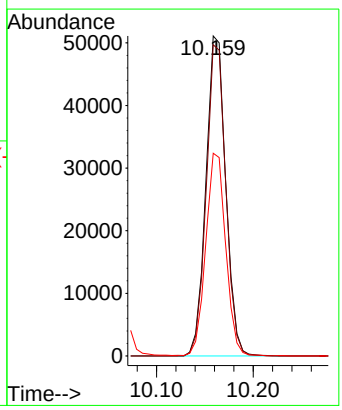


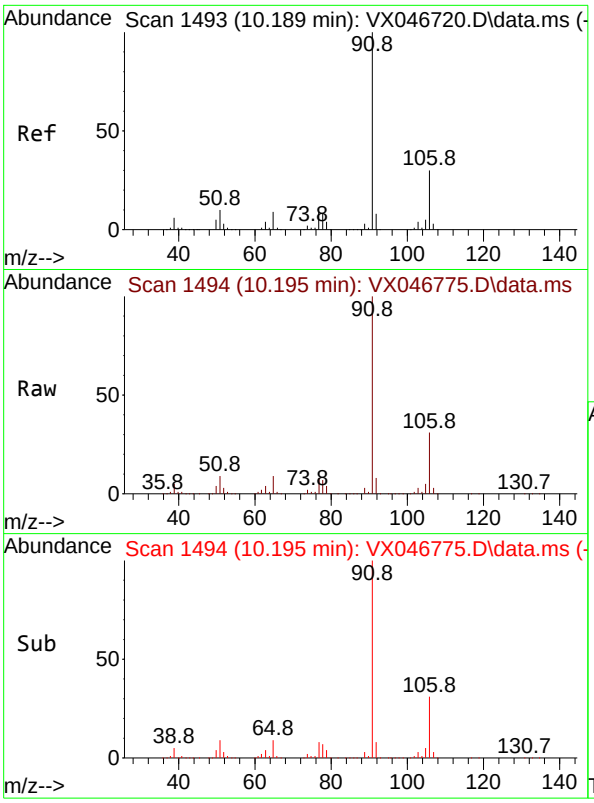


#66
1,1,1,2-Tetrachloroethane
Concen: 51.476 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:131 Resp: 72835

Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.3	141.8
119	63.9	32.1	96.3





#67
Ethyl Benzene
Concen: 51.722 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 91 Resp: 380469

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.2	36.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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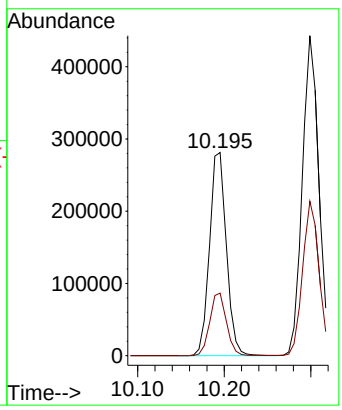
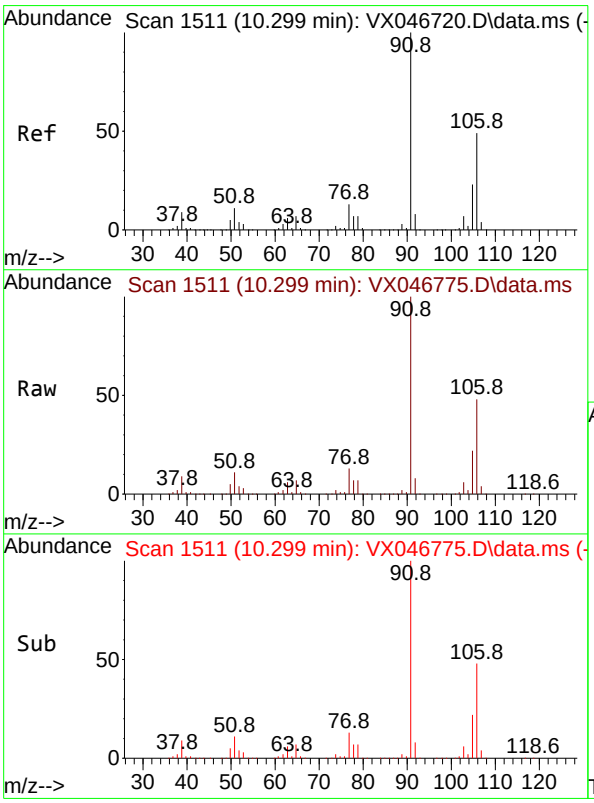
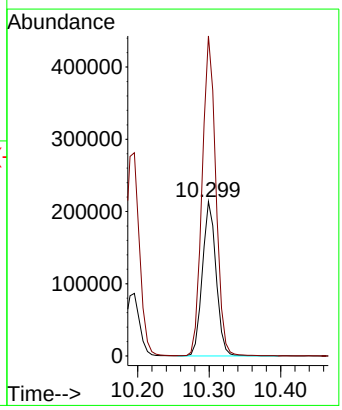


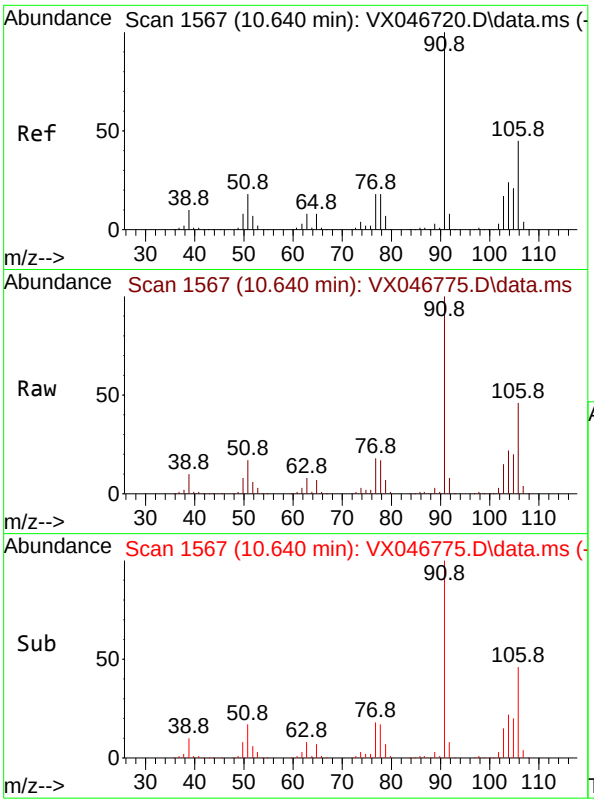


#68
m/p-Xylenes
Concen: 103.739 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:106 Resp: 284342

Ion	Ratio	Lower	Upper
106	100		
91	207.8	164.8	247.2





#69
o-Xylene
Concen: 53.151 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:106 Resp: 13653

Ion	Ratio	Lower	Upper
106	100		
91	219.1	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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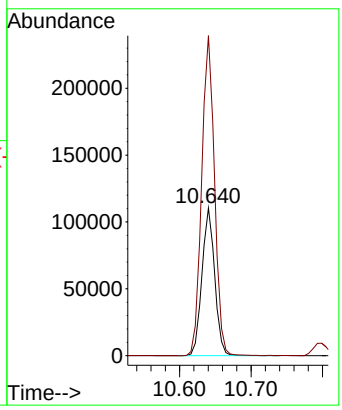
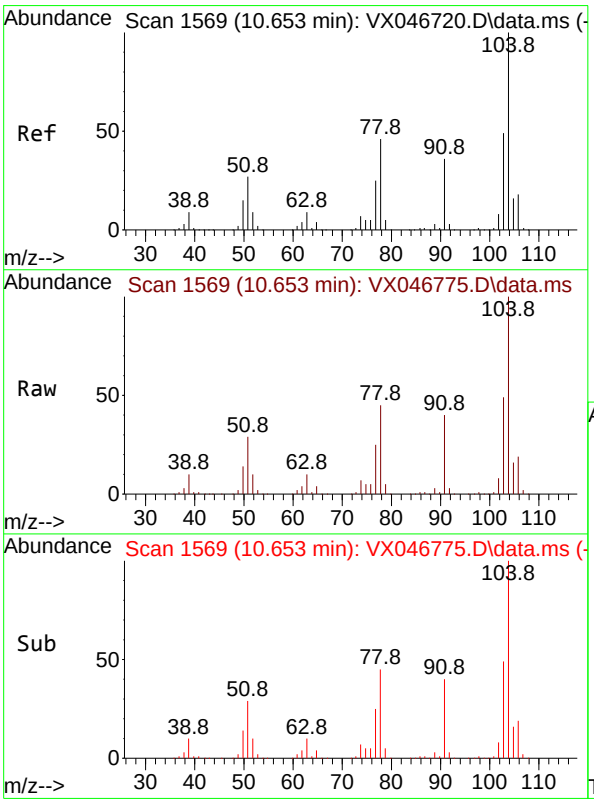
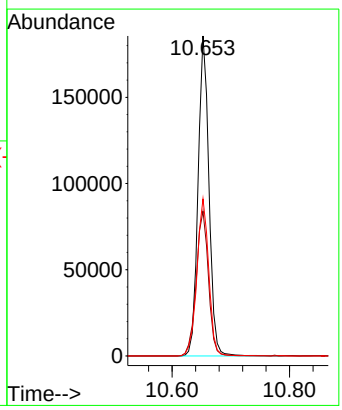


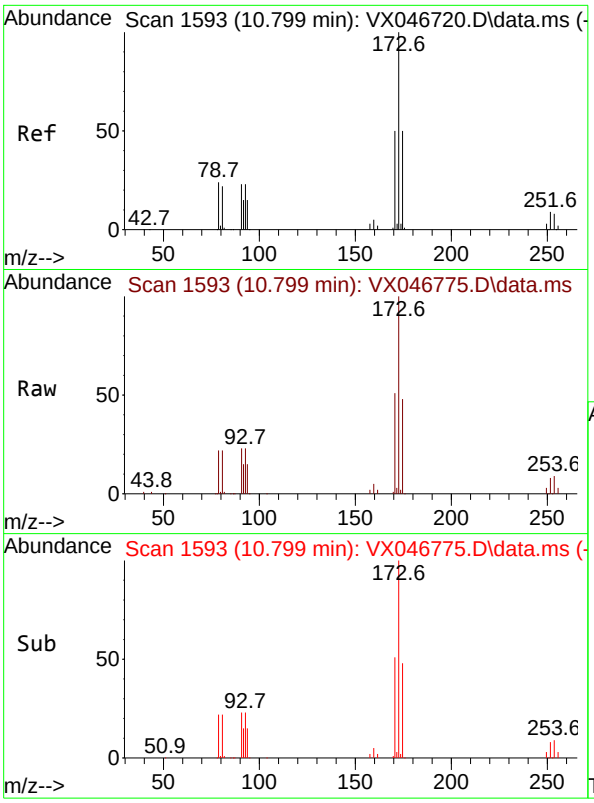


#70
Styrene
Concen: 53.139 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:104 Resp: 238877

Ion	Ratio	Lower	Upper
104	100		
78	51.0	41.4	62.2
103	53.6	43.1	64.7

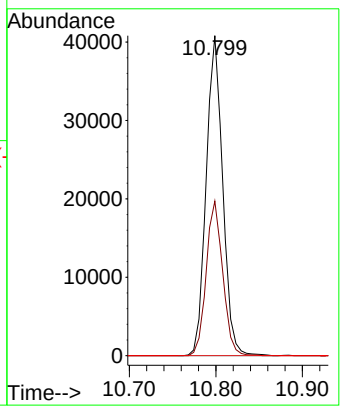




#71
Bromoform
Concen: 50.164 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:173 Resp: 5405

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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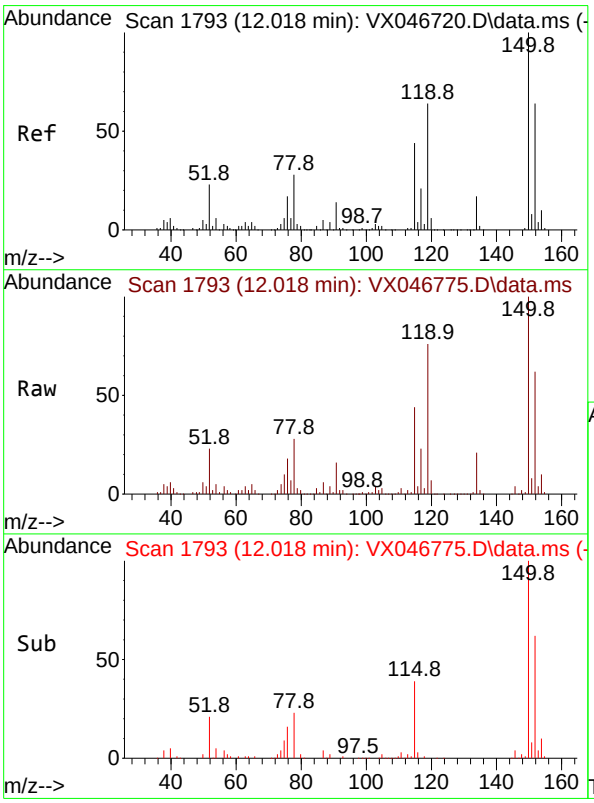
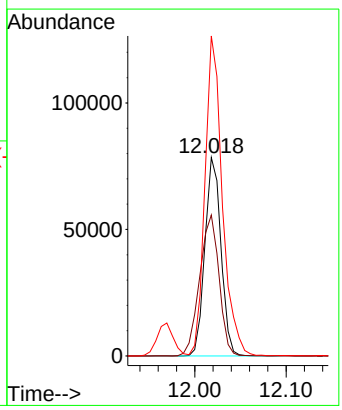
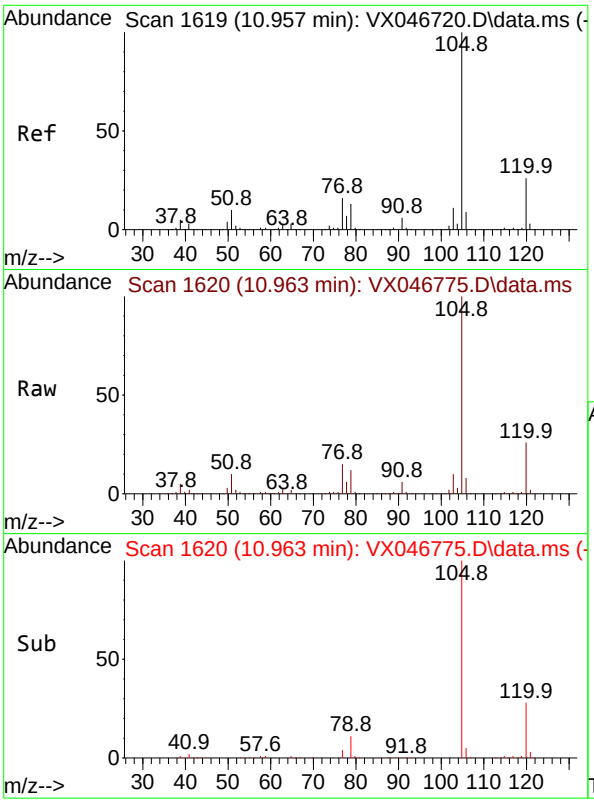


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:152 Resp: 95668

Ion	Ratio	Lower	Upper
152	100		
115	85.8	43.2	129.6
150	173.3	0.0	346.8





#73
Isopropylbenzene
Concen: 51.780 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:105 Resp: 36483

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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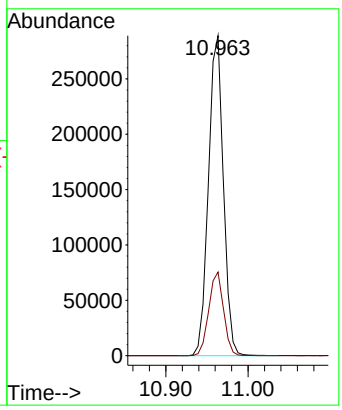
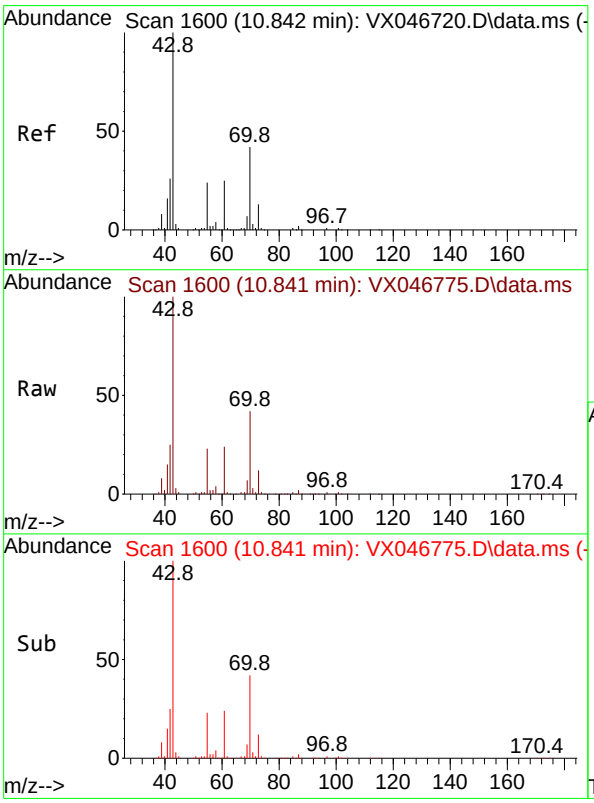
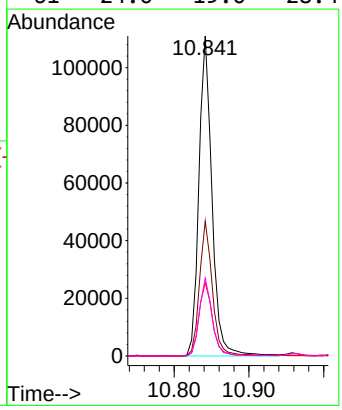


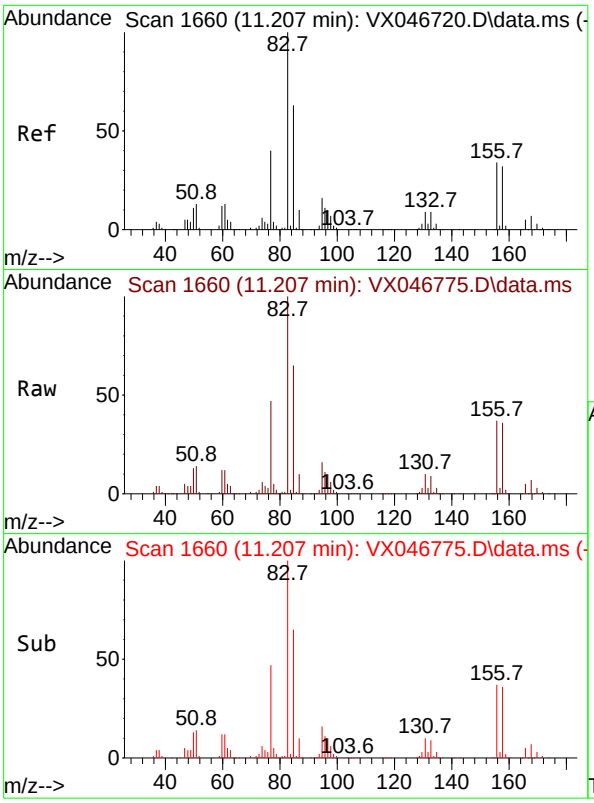


#74
N-amyl acetate
Concen: 50.472 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 134737

Ion	Ratio	Lower	Upper
43	100		
70	42.0	33.4	50.0
55	24.0	19.1	28.7
61	24.0	19.0	28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 50.908 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 83 Resp: 10015

Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.9	14.6
85	64.3	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 06/20/2025
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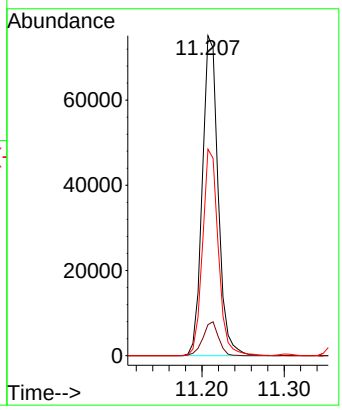
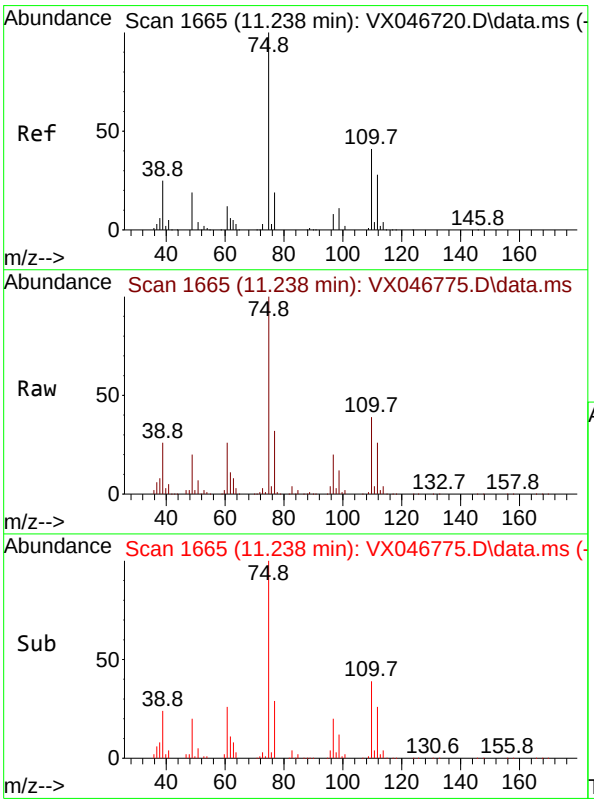
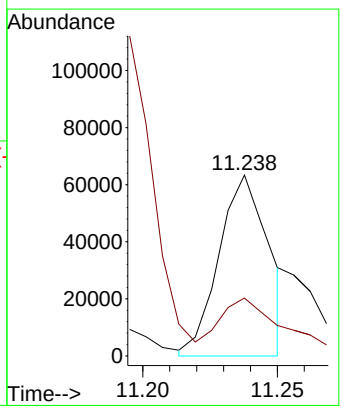


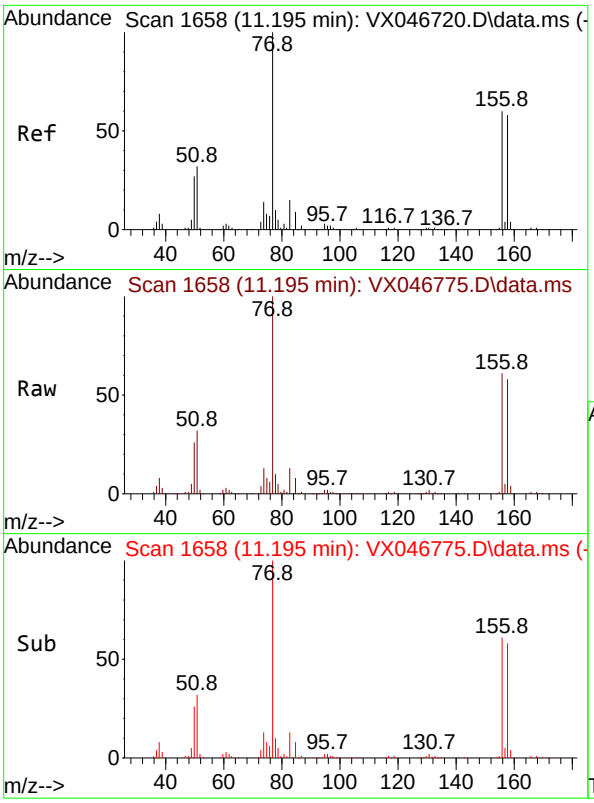


#76
1,2,3-Trichloropropane
Concen: 46.384 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 75 Resp: 81274

Ion	Ratio	Lower	Upper
75	100		
77	42.5	18.5	55.5

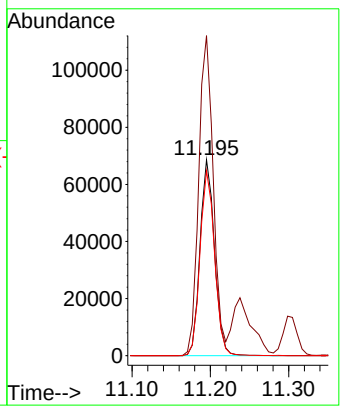




#77
Bromobenzene
Concen: 51.813 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:156 Resp: 8785

Ion	Ratio	Lower	Upper
156	100		
77	164.9	82.8	248.6
158	95.3	47.6	142.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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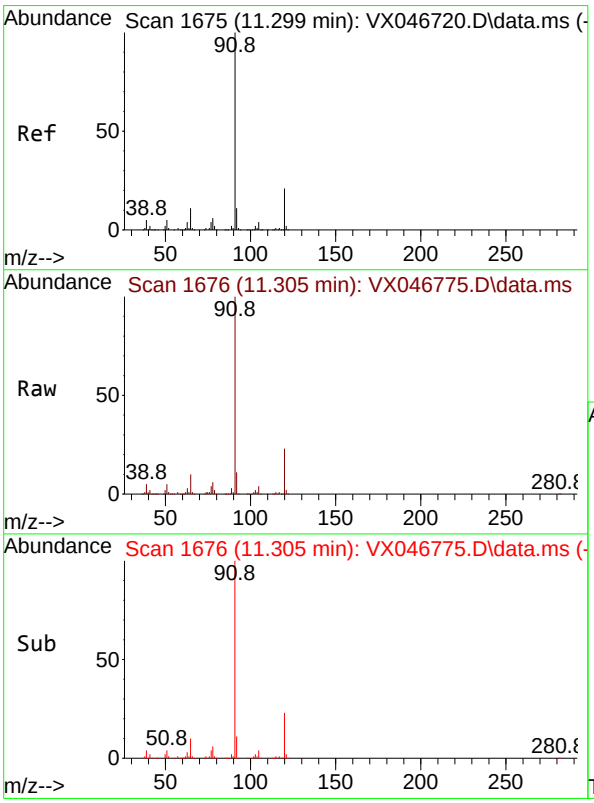
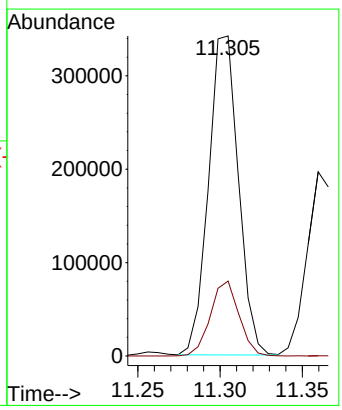
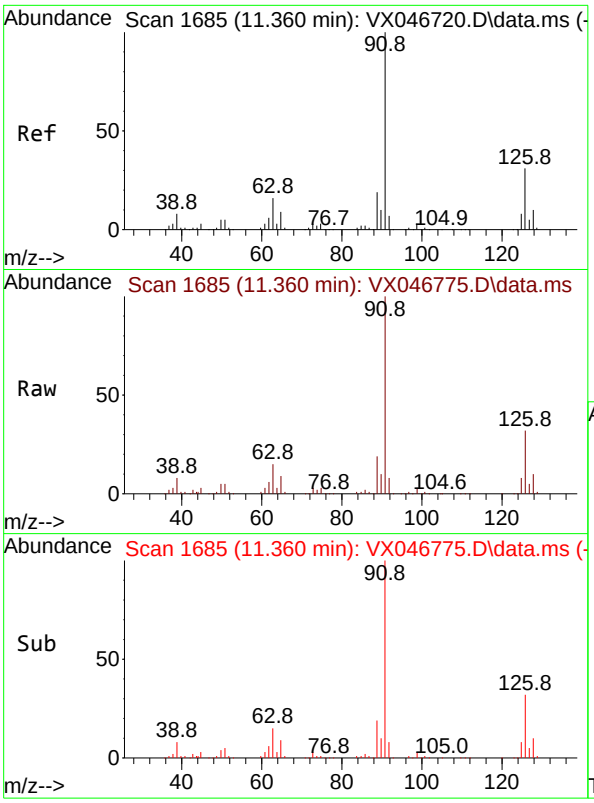


#78
n-propylbenzene
Concen: 51.735 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 91 Resp: 432963

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.1





#79
2-Chlorotoluene
Concen: 49.914 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 91 Resp: 24940

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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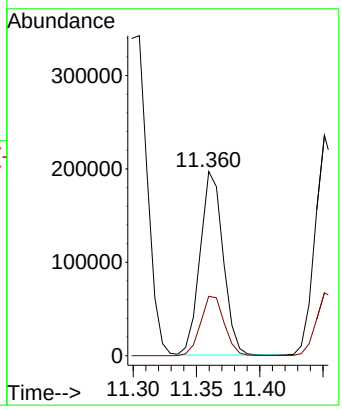
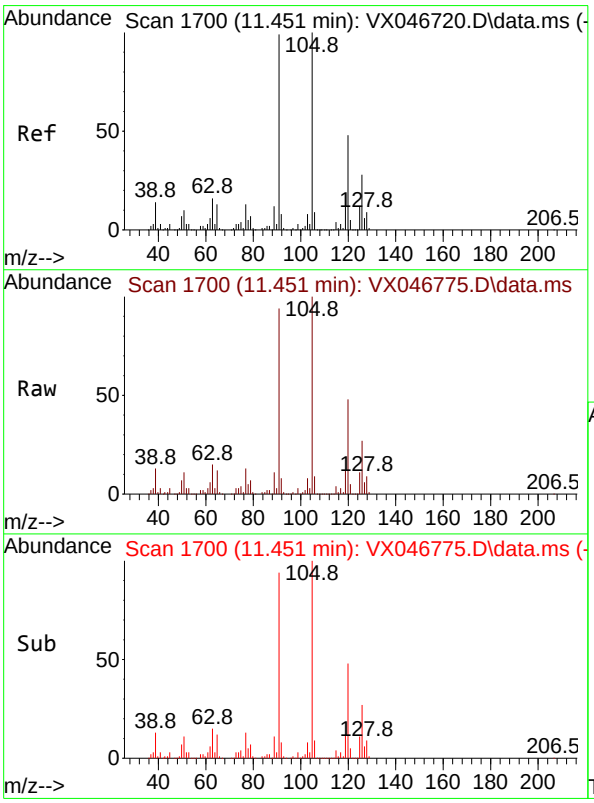
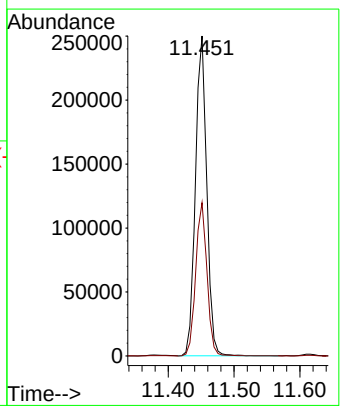


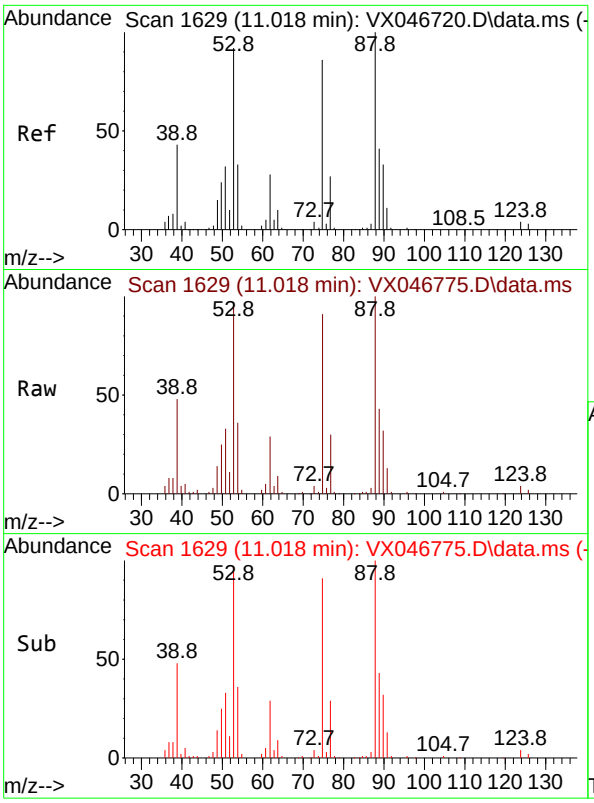


#80
1,3,5-Trimethylbenzene
Concen: 51.570 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:105 Resp: 298594

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 47.021 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 75 Resp: 2914

Ion	Ratio	Lower	Upper
75	100		
53	108.3	86.8	130.2
89	45.6	36.9	55.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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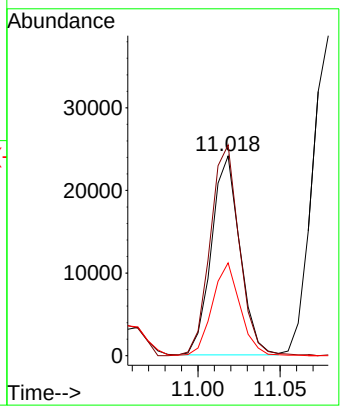
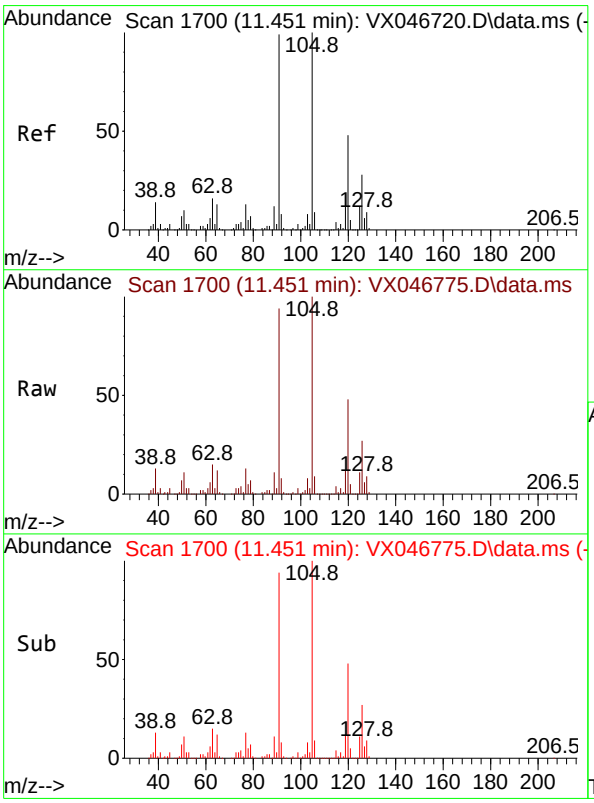
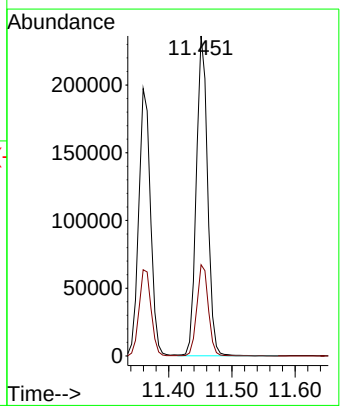


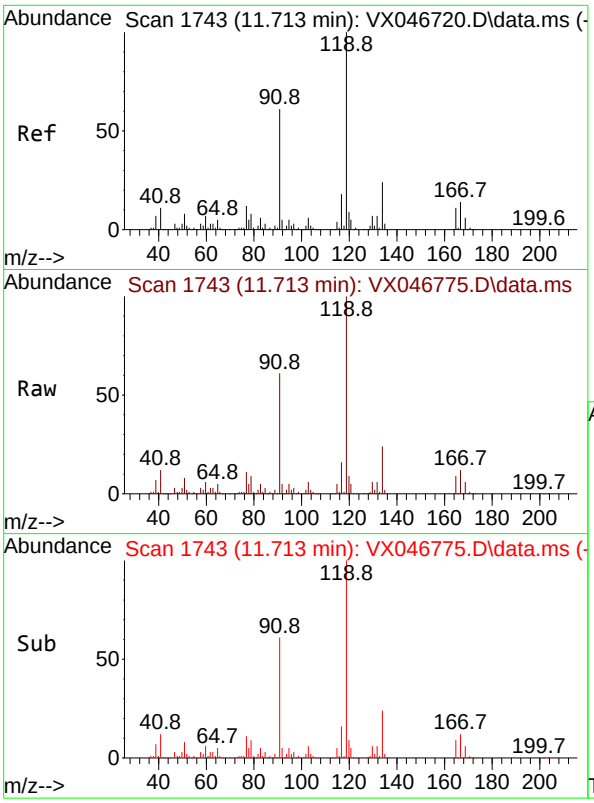


#82
4-Chlorotoluene
Concen: 50.293 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 91 Resp: 293281

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.4	43.2





#83
tert-Butylbenzene
Concen: 50.825 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:119 Resp: 30419

Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.5	88.6
134	23.4	11.7	35.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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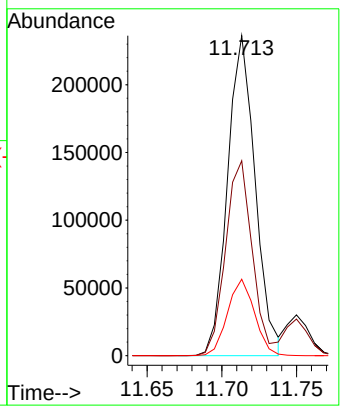
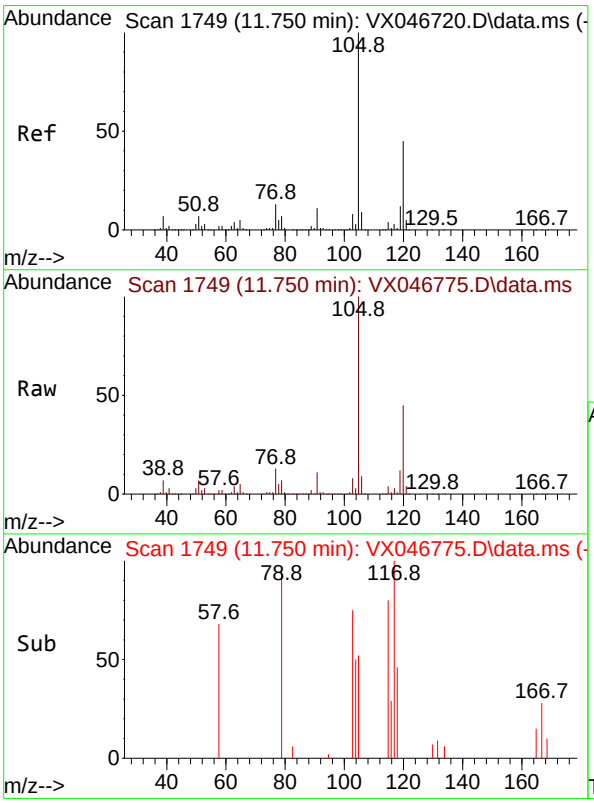
Supervised By :Mahesh Dadoda 06/21/2025

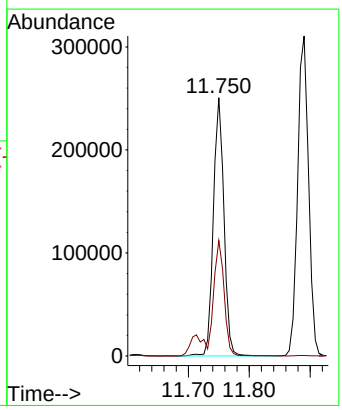


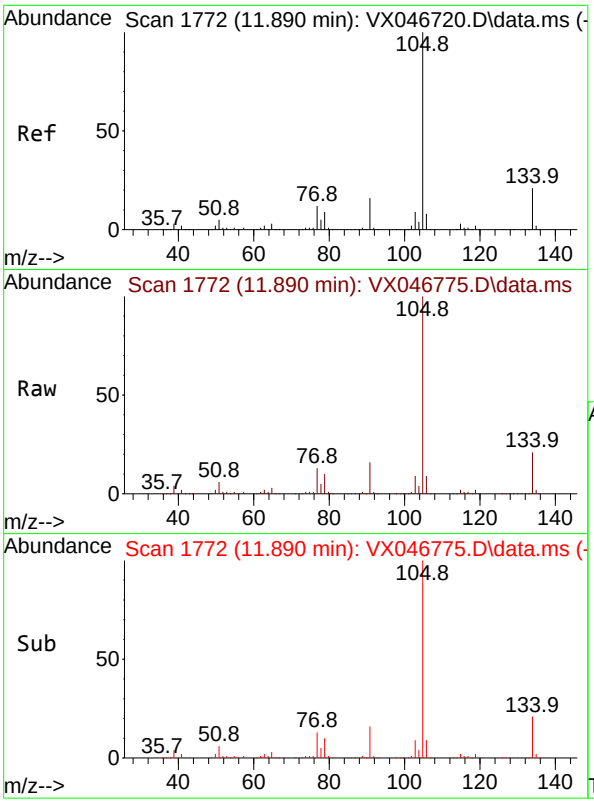


#84
1,2,4-Trimethylbenzene
Concen: 51.927 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:105 Resp: 302076

Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.1	66.3





#85
sec-Butylbenzene
Concen: 51.281 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

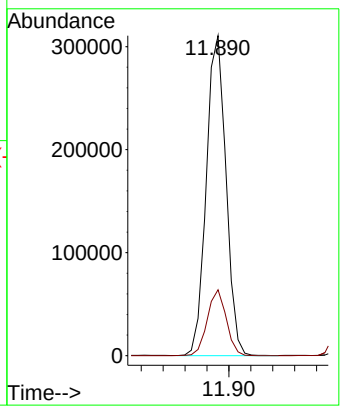
Tgt Ion:105 Resp: 38789

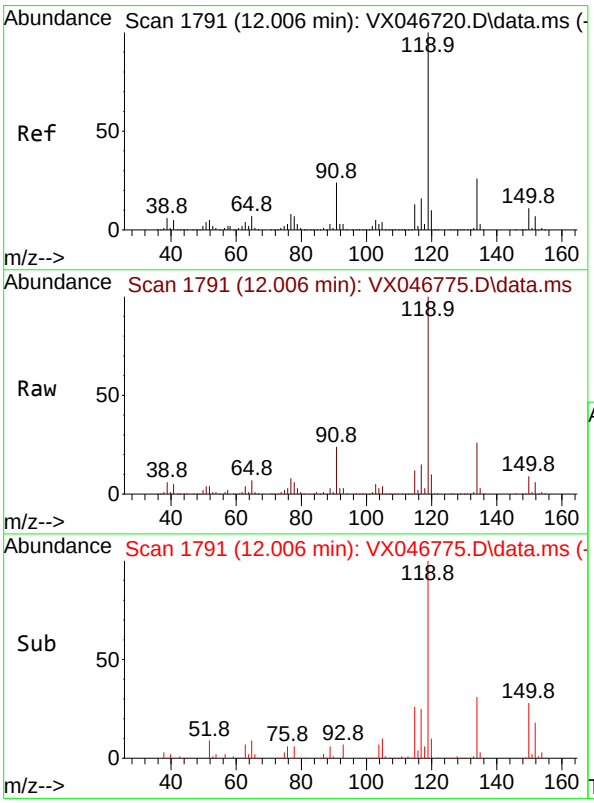
Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

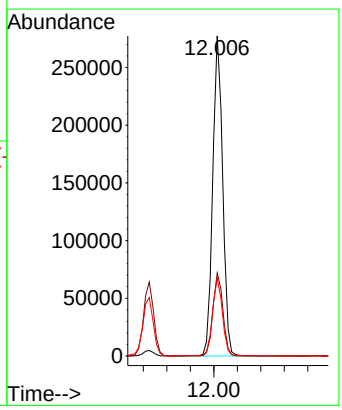


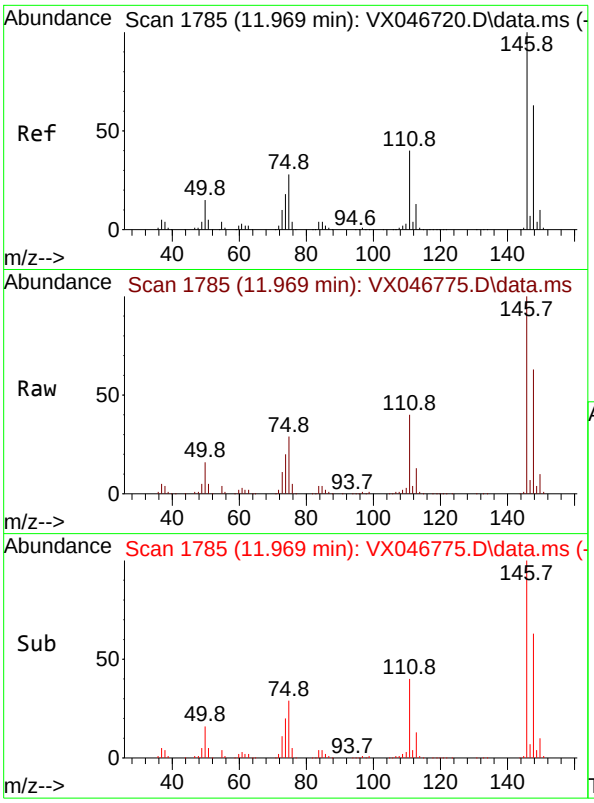


#86
p-Isopropyltoluene
Concen: 51.067 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:119 Resp: 325914

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	24.2	12.3	36.9

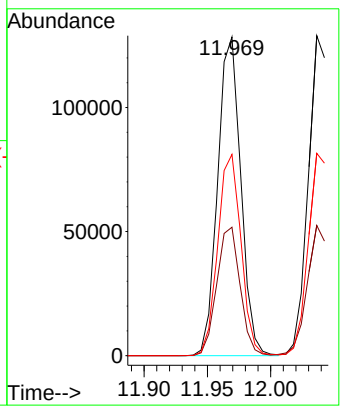




#87
1,3-Dichlorobenzene
Concen: 49.259 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:146 Resp: 16285

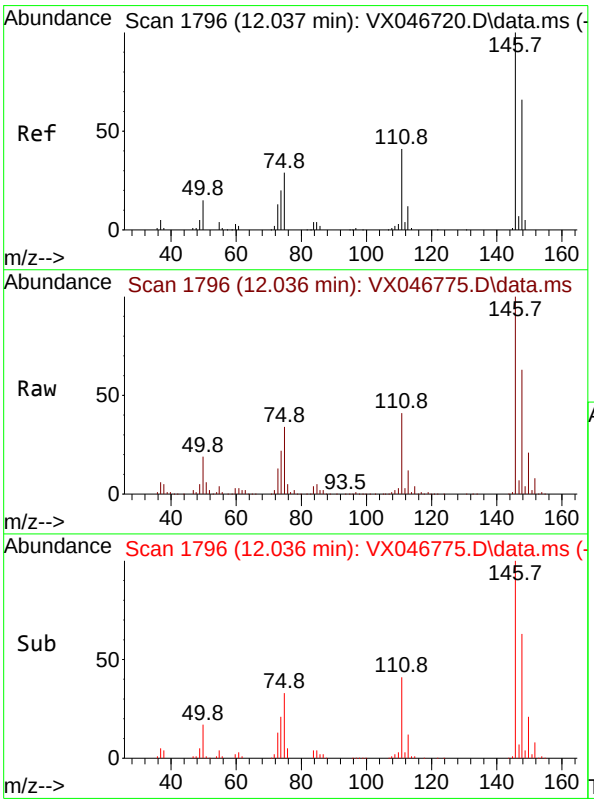
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	63.7	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

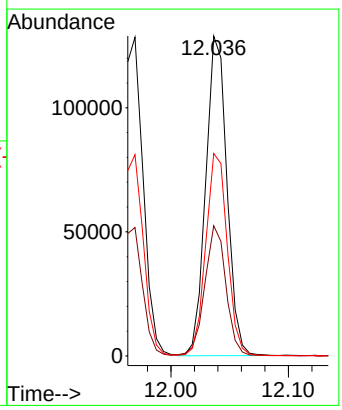
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

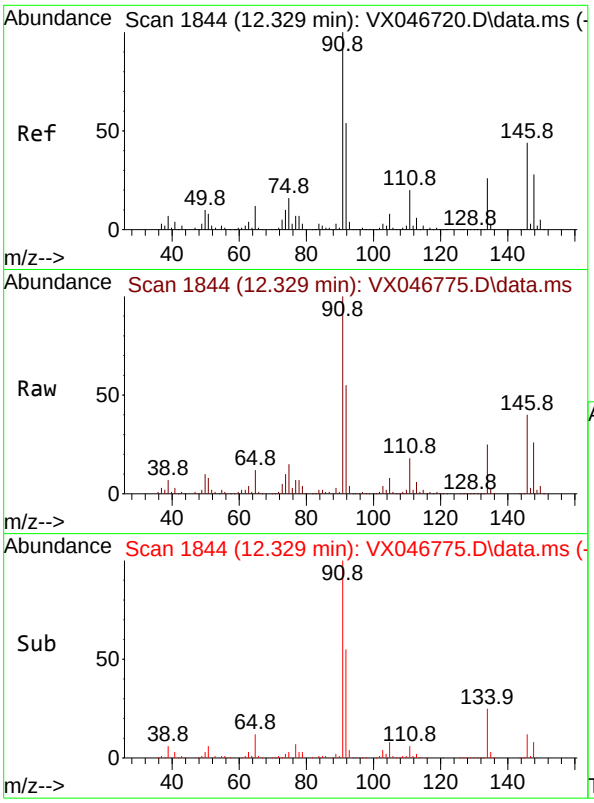


#88
1,4-Dichlorobenzene
Concen: 47.505 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:146 Resp: 161313

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	64.9	32.1	96.5





#89
n-Butylbenzene
Concen: 50.967 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

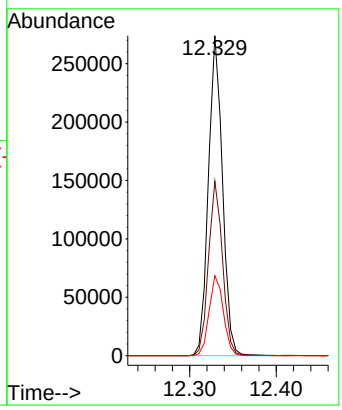
Tgt Ion: 91 Resp: 30884

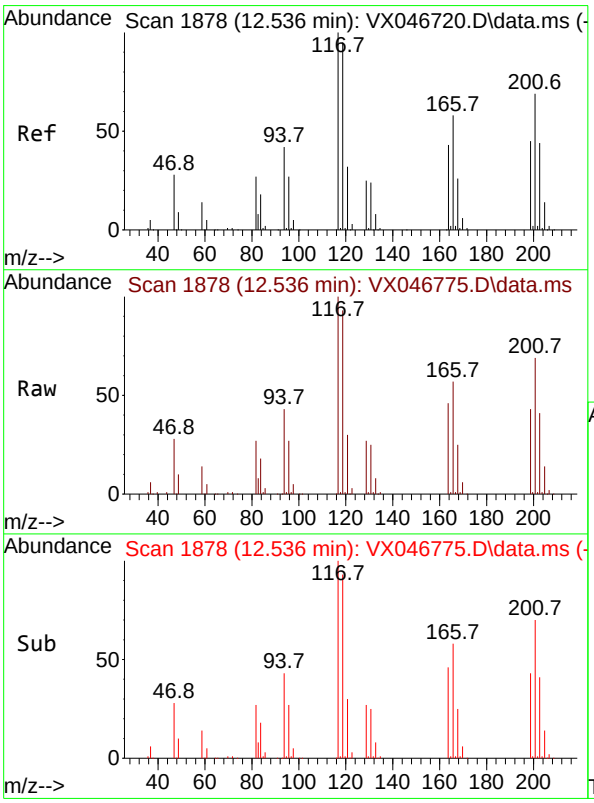
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.3
134	25.4	12.9	38.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

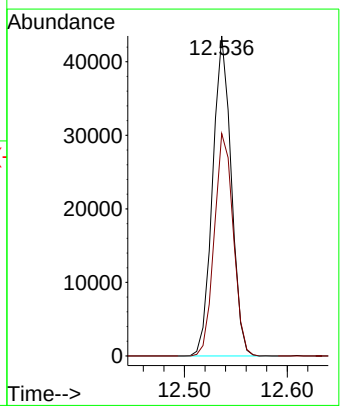


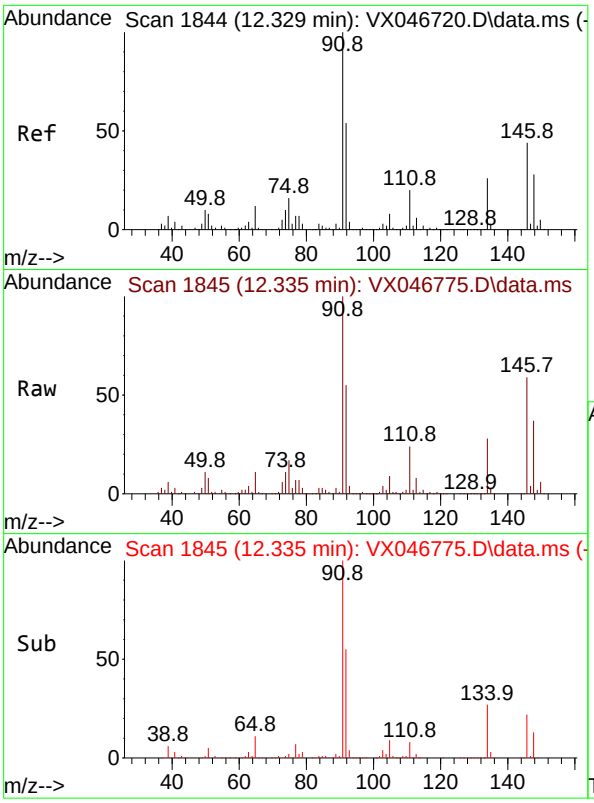


#90
Hexachloroethane
Concen: 48.908 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:117 Resp: 54659

Ion	Ratio	Lower	Upper
117	100		
201	70.7	34.4	103.3

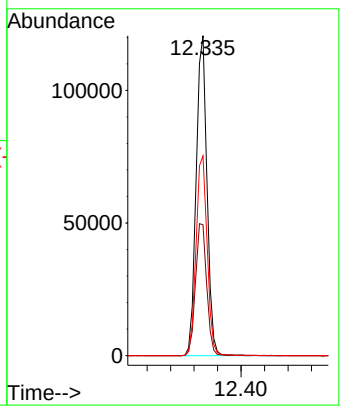




#91
1,2-Dichlorobenzene
Concen: 50.145 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:146 Resp: 15491

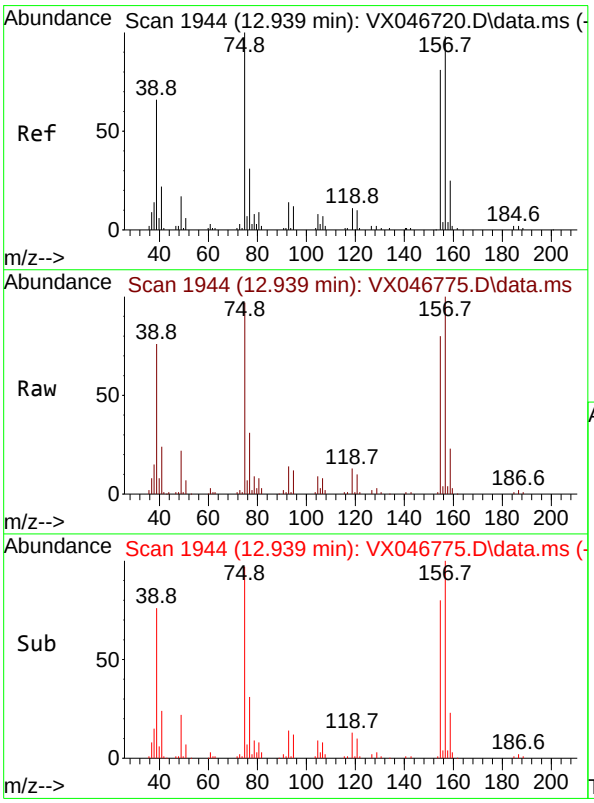
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.7	65.1
148	64.1	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

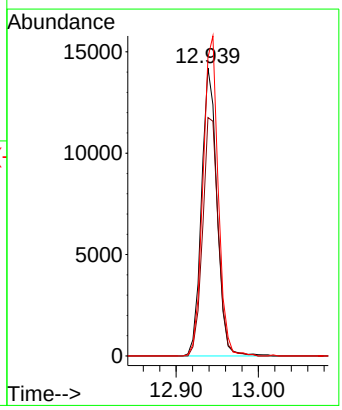
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

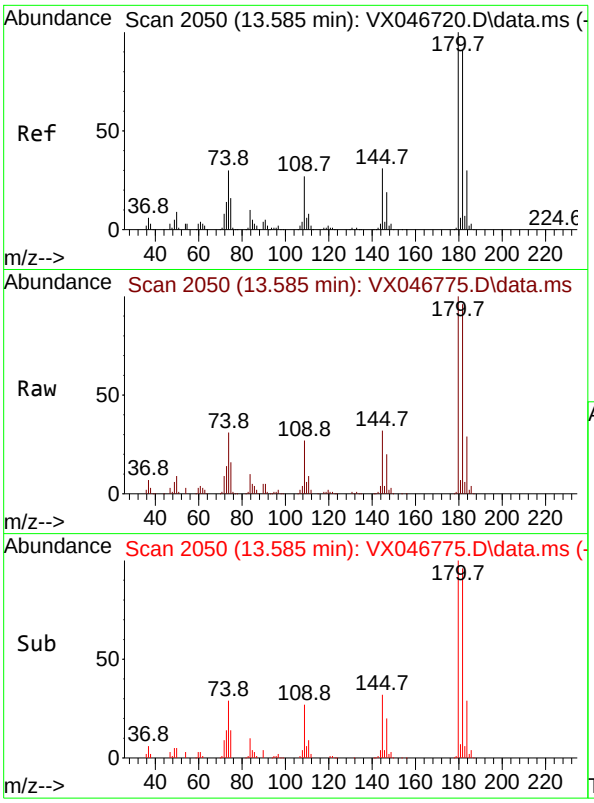


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.738 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 75 Resp: 18542

Ion	Ratio	Lower	Upper
75	100		
155	84.1	41.9	125.7
157	109.5	51.4	154.3

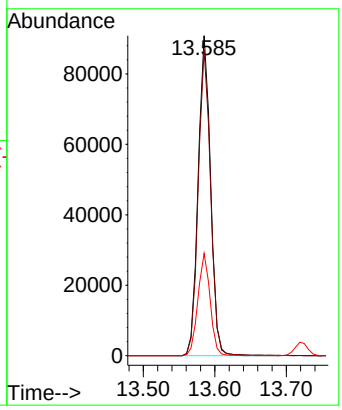




#93
1,2,4-Trichlorobenzene
Concen: 49.769 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:180 Resp: 10931

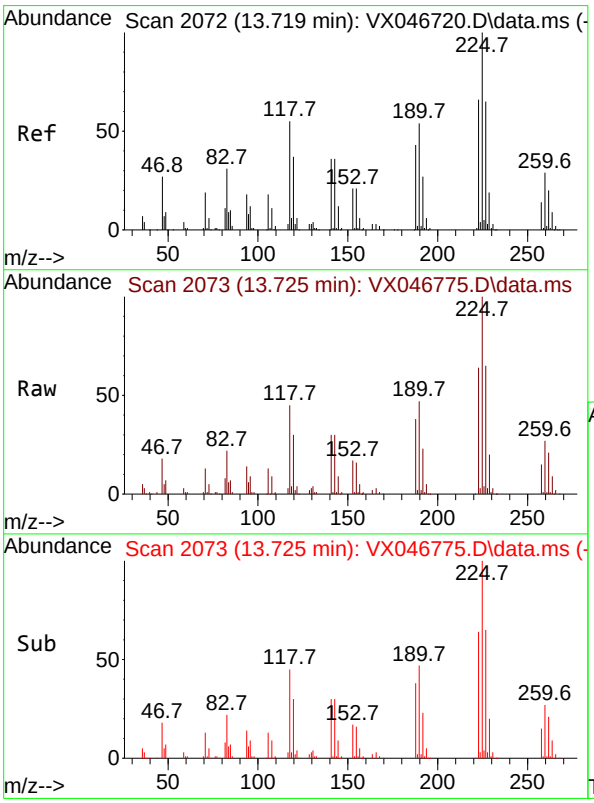
Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.7	140.1
145	31.5	15.8	47.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

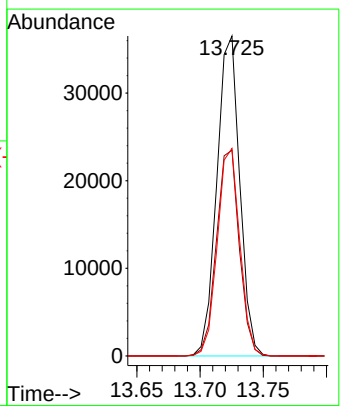
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

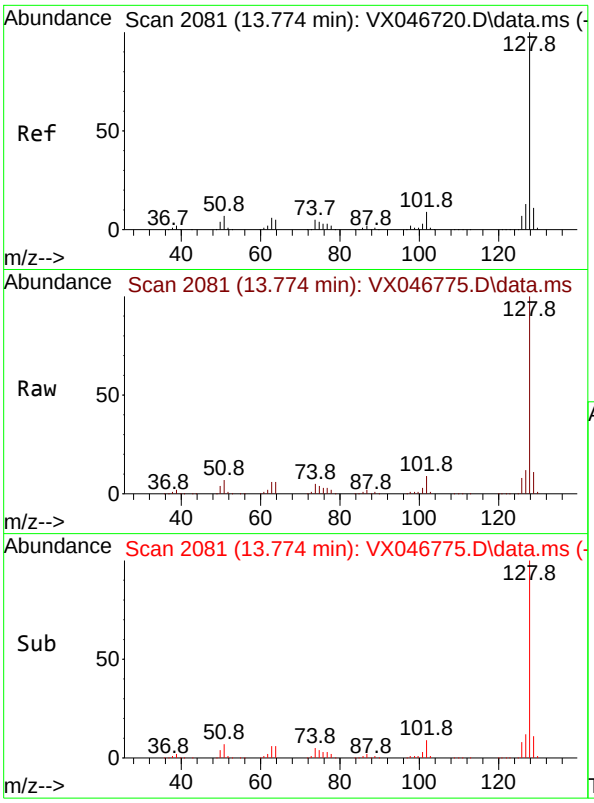


#94
Hexachlorobutadiene
Concen: 49.603 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:225 Resp: 45830

Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.5	97.5
227	63.7	32.2	96.6

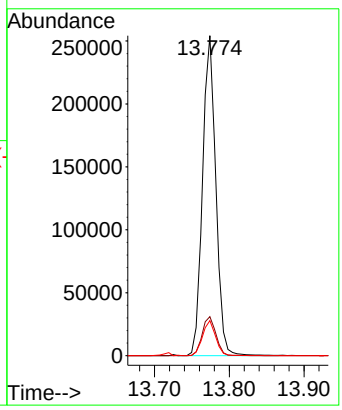




#95
Naphthalene
Concen: 50.093 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:128 Resp: 31346

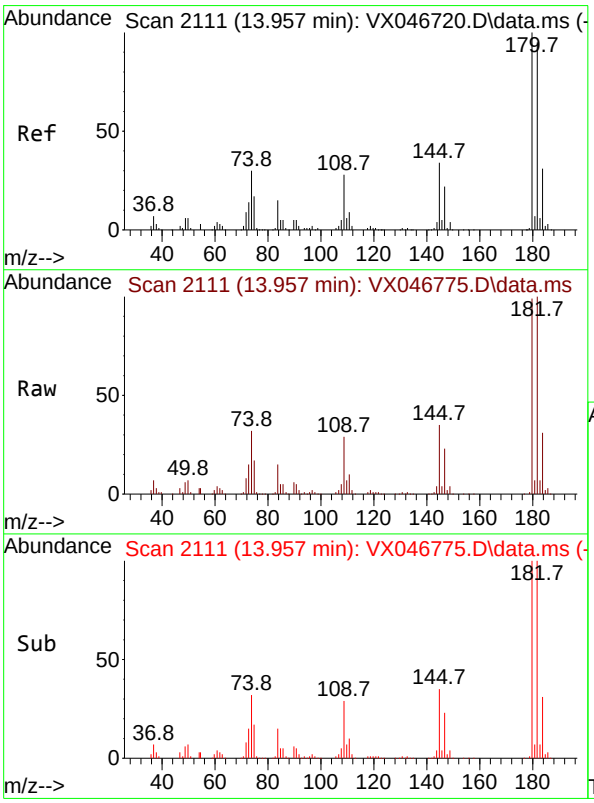
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.9	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

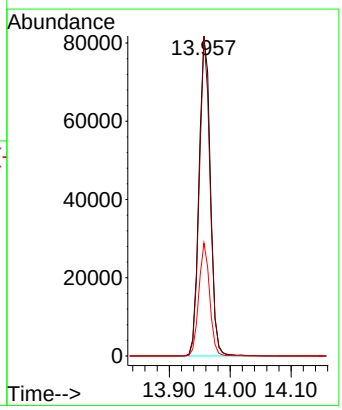
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.228 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:180 Resp: 105543

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.4
145	33.7	17.3	51.9



Sample Results: **VX046775.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	0.534	0.573	-7.3	103	0.00
3	P	Chloromethane	0.576	0.601	-4.3	106	0.00
4	C	Vinyl Chloride	0.614	0.661	-7.7#	109	0.00
5	T	Bromomethane	0.346	0.382	-10.4	108	0.00
6	T	Chloroethane	0.372	0.413	-11.0	115	0.00
7	T	Trichlorofluoromethane	0.933	0.983	-5.4	107	0.00
8	T	Diethyl Ether	0.320	0.345	-7.8	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.572	0.614	-7.3	112	0.00
10	T	Methyl Iodide	0.642	0.659	-2.6	106	0.00
11	T	Tert butyl alcohol	0.062	0.054	12.9	92	0.00
12	CM	1,1-Dichloroethene	0.552	0.592	-7.2#	109	0.00
13	T	Acrolein	0.090	0.108	-20.0	130	0.00
14	T	Allyl chloride	1.001	1.061	-6.0	111	0.00
15	T	Acrylonitrile	0.279	0.287	-2.9	106	0.00
16	T	Acetone	0.231	0.223	3.5	106	0.00
17	T	Carbon Disulfide	1.668	1.588	4.8	104	0.00
18	T	Methyl Acetate	0.586	0.608	-3.8	110	0.00
19	T	Methyl tert-butyl Ether	1.720	1.740	-1.2	104	0.00
20	T	Methylene Chloride	0.641	0.645	-0.6	111	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.612	-3.6	109	0.00
22	T	Diisopropyl ether	1.923	2.088	-8.6	111	0.00
23	T	Vinyl Acetate	1.529	1.632	-6.7	107	0.00
24	P	1,1-Dichloroethane	1.092	1.144	-4.8	110	0.00
25	T	2-Butanone	0.326	0.334	-2.5	104	0.00
26	T	2,2-Dichloropropane	0.796	0.825	-3.6	114	0.00
27	T	cis-1,2-Dichloroethene	0.694	0.729	-5.0	111	0.00
28	T	Bromochloromethane	0.495	0.513	-3.6	111	0.00
29	T	Tetrahydrofuran	0.211	0.216	-2.4	104	0.00
30	C	Chloroform	1.092	1.155	-5.8#	109	0.00
31	T	Cyclohexane	1.036	1.061	-2.4	110	0.00
32	T	1,1,1-Trichloroethane	0.958	0.973	-1.6	107	0.00
33	S	1,2-Dichloroethane-d4	0.692	0.648	6.4	105	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35	S	Dibromofluoromethane	0.331	0.320	3.3	106	0.00
36	T	1,1-Dichloropropene	0.478	0.489	-2.3	109	0.00
37	T	Ethyl Acetate	0.441	0.425	3.6	105	0.00
38	T	Carbon Tetrachloride	0.518	0.513	1.0	106	0.00
39	T	Methylcyclohexane	0.628	0.645	-2.7	109	0.00
40	TM	Benzene	1.413	1.472	-4.2	110	0.00
41	T	Methacrylonitrile	0.235	0.254	-8.1	113	0.00
42	TM	1,2-Dichloroethane	0.497	0.505	-1.6	108	0.00
43	T	Isopropyl Acetate	0.690	0.699	-1.3	103	0.00
44	TM	Trichloroethene	0.360	0.369	-2.5	110	0.00
45	C	1,2-Dichloropropane	0.350	0.363	-3.7#	111	0.00
46	T	Dibromomethane	0.252	0.253	-0.4	107	0.00
47	T	Bromodichloromethane	0.514	0.529	-2.9	107	0.00
48	T	Methyl methacrylate	0.346	0.370	-6.9	106	0.00

Sample Results: **VX046775.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	98	0.00
50	S	Toluene-d8	1.189	1.138	4.3	105	0.00
51	T	4-Methyl-2-Pentanone	0.411	0.419	-1.9	104	0.00
52	CM	Toluene	0.876	0.902	-3.0#	108	0.00
53	T	t-1,3-Dichloropropene	0.477	0.490	-2.7	106	0.00
54	T	cis-1,3-Dichloropropene	0.541	0.565	-4.4	109	0.00
55	T	1,1,2-Trichloroethane	0.327	0.339	-3.7	110	0.00
56	T	Ethyl methacrylate	0.482	0.508	-5.4	106	0.00
57	T	1,3-Dichloropropane	0.562	0.578	-2.8	109	0.00
58	T	2-Chloroethyl Vinyl ether	0.250	0.297	-18.8	112	0.00
59	T	2-Hexanone	0.284	0.287	-1.1	102	0.00
60	T	Dibromochloromethane	0.385	0.396	-2.9	108	0.00
61	T	1,2-Dibromoethane	0.332	0.339	-2.1	107	0.00
62	S	4-Bromofluorobenzene	0.443	0.431	2.7	107	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64	T	Tetrachloroethene	0.346	0.348	-0.6	109	0.00
65	PM	Chlorobenzene	1.104	1.134	-2.7	111	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.382	-3.0	109	0.00
67	C	Ethyl Benzene	1.929	1.995	-3.4#	110	0.00
68	T	m/p-Xylenes	0.719	0.745	-3.6	109	0.00
69	T	o-Xylene	0.673	0.716	-6.4	110	0.00
70	T	Styrene	1.179	1.253	-6.3	110	0.00
71	P	Bromoform	0.282	0.283	-0.4	105	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73	T	Isopropylbenzene	3.682	3.814	-3.6	110	0.00
74	T	N-amyl acetate	1.395	1.408	-0.9	103	0.00
75	P	1,1,2,2-Tetrachloroethane	1.028	1.047	-1.8	108	0.00
76	T	1,2,3-Trichloropropane	0.916	0.850	7.2	92	0.00
77	T	Bromobenzene	0.886	0.918	-3.6	111	0.00
78	T	n-propylbenzene	4.374	4.526	-3.5	110	0.00
79	T	2-Chlorotoluene	2.611	2.607	0.2	108	0.00
80	T	1,3,5-Trimethylbenzene	3.026	3.121	-3.1	109	0.00
81	T	trans-1,4-Dichloro-2-butene	0.324	0.305	5.9	105	0.00
82	T	4-Chlorotoluene	3.048	3.066	-0.6	109	0.00
83	T	tert-Butylbenzene	3.128	3.180	-1.7	109	0.00
84	T	1,2,4-Trimethylbenzene	3.040	3.158	-3.9	111	0.00
85	T	sec-Butylbenzene	3.953	4.055	-2.6	109	0.00
86	T	p-Isopropyltoluene	3.336	3.407	-2.1	110	0.00
87	T	1,3-Dichlorobenzene	1.728	1.702	1.5	109	0.00
88	T	1,4-Dichlorobenzene	1.775	1.686	5.0	110	0.00
89	T	n-Butylbenzene	3.167	3.228	-1.9	110	0.00
90	T	Hexachloroethane	0.584	0.571	2.2	105	0.00
91	T	1,2-Dichlorobenzene	1.615	1.619	-0.2	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.203	0.194	4.4	99	0.00
93	T	1,2,4-Trichlorobenzene	1.148	1.143	0.4	109	0.00
94	T	Hexachlorobutadiene	0.483	0.479	0.8	107	0.00
95	T	Naphthalene	3.270	3.277	-0.2	106	0.00

Sample Results: **VX046775.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	1.098	1.103	-0.5	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX046775.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	50.000	53.629	-7.3	103	0.00
3	P	Chloromethane	50.000	52.149	-4.3	106	0.00
4	C	Vinyl Chloride	50.000	53.822	-7.6#	109	0.00
5	T	Bromomethane	50.000	55.188	-10.4	108	0.00
6	T	Chloroethane	50.000	55.480	-11.0	115	0.00
7	T	Trichlorofluoromethane	50.000	52.659	-5.3	107	0.00
8	T	Diethyl Ether	50.000	53.840	-7.7	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.654	-7.3	112	0.00
10	T	Methyl Iodide	50.000	46.314	7.4	106	0.00
11	T	Tert butyl alcohol	250.000	217.898	12.8	92	0.00
12	CM	1,1-Dichloroethene	50.000	53.603	-7.2#	109	0.00
13	T	Acrolein	250.000	298.999	-19.6	130	0.00
14	T	Allyl chloride	50.000	53.017	-6.0	111	0.00
15	T	Acrylonitrile	250.000	257.376	-3.0	106	0.00
16	T	Acetone	250.000	241.828	3.3	106	0.00
17	T	Carbon Disulfide	50.000	47.607	4.8	104	0.00
18	T	Methyl Acetate	50.000	51.889	-3.8	110	0.00
19	T	Methyl tert-butyl Ether	50.000	50.585	-1.2	104	0.00
20	T	Methylene Chloride	50.000	50.266	-0.5	111	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.786	-3.6	109	0.00
22	T	Diisopropyl ether	50.000	54.281	-8.6	111	0.00
23	T	Vinyl Acetate	250.000	266.763	-6.7	107	0.00
24	P	1,1-Dichloroethane	50.000	52.369	-4.7	110	0.00
25	T	2-Butanone	250.000	256.282	-2.5	104	0.00
26	T	2,2-Dichloropropane	50.000	51.768	-3.5	114	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.513	-5.0	111	0.00
28	T	Bromochloromethane	50.000	51.765	-3.5	111	0.00
29	T	Tetrahydrofuran	250.000	255.819	-2.3	104	0.00
30	C	Chloroform	50.000	52.894	-5.8#	109	0.00
31	T	Cyclohexane	50.000	51.222	-2.4	110	0.00
32	T	1,1,1-Trichloroethane	50.000	50.784	-1.6	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.825	6.3	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	48.316	3.4	106	0.00
36	T	1,1-Dichloropropene	50.000	51.182	-2.4	109	0.00
37	T	Ethyl Acetate	50.000	48.219	3.6	105	0.00
38	T	Carbon Tetrachloride	50.000	49.529	0.9	106	0.00
39	T	Methylcyclohexane	50.000	51.281	-2.6	109	0.00
40	TM	Benzene	50.000	52.086	-4.2	110	0.00
41	T	Methacrylonitrile	50.000	54.078	-8.2	113	0.00
42	TM	1,2-Dichloroethane	50.000	50.860	-1.7	108	0.00
43	T	Isopropyl Acetate	50.000	50.655	-1.3	103	0.00
44	TM	Trichloroethene	50.000	51.252	-2.5	110	0.00
45	C	1,2-Dichloropropane	50.000	51.797	-3.6#	111	0.00
46	T	Dibromomethane	50.000	50.201	-0.4	107	0.00
47	T	Bromodichloromethane	50.000	51.475	-3.0	107	0.00
48	T	Methyl methacrylate	50.000	53.494	-7.0	106	0.00

Sample Results: **VX046775.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	894.415	10.6	98	0.00
50	S	Toluene-d8	50.000	47.880	4.2	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.472	-1.8	104	0.00
52	CM	Toluene	50.000	51.477	-3.0#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	51.427	-2.9	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.254	-4.5	109	0.00
55	T	1,1,2-Trichloroethane	50.000	51.978	-4.0	110	0.00
56	T	Ethyl methacrylate	50.000	52.671	-5.3	106	0.00
57	T	1,3-Dichloropropane	50.000	51.414	-2.8	109	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	296.571	-18.6	112	0.00
59	T	2-Hexanone	250.000	252.021	-0.8	102	0.00
60	T	Dibromochloromethane	50.000	51.500	-3.0	108	0.00
61	T	1,2-Dibromoethane	50.000	51.083	-2.2	107	0.00
62	S	4-Bromofluorobenzene	50.000	48.588	2.8	107	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64	T	Tetrachloroethene	50.000	50.181	-0.4	109	0.00
65	PM	Chlorobenzene	50.000	51.382	-2.8	111	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.476	-3.0	109	0.00
67	C	Ethyl Benzene	50.000	51.722	-3.4#	110	0.00
68	T	m/p-Xylenes	100.000	103.739	-3.7	109	0.00
69	T	o-Xylene	50.000	53.151	-6.3	110	0.00
70	T	Styrene	50.000	53.139	-6.3	110	0.00
71	P	Bromoform	50.000	50.164	-0.3	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	51.780	-3.6	110	0.00
74	T	N-amyl acetate	50.000	50.472	-0.9	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.908	-1.8	108	0.00
76	T	1,2,3-Trichloropropane	50.000	46.384	7.2	92	0.00
77	T	Bromobenzene	50.000	51.813	-3.6	111	0.00
78	T	n-propylbenzene	50.000	51.735	-3.5	110	0.00
79	T	2-Chlorotoluene	50.000	49.914	0.2	108	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.570	-3.1	109	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.021	6.0	105	0.00
82	T	4-Chlorotoluene	50.000	50.293	-0.6	109	0.00
83	T	tert-Butylbenzene	50.000	50.825	-1.7	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.927	-3.9	111	0.00
85	T	sec-Butylbenzene	50.000	51.281	-2.6	109	0.00
86	T	p-Isopropyltoluene	50.000	51.067	-2.1	110	0.00
87	T	1,3-Dichlorobenzene	50.000	49.259	1.5	109	0.00
88	T	1,4-Dichlorobenzene	50.000	47.505	5.0	110	0.00
89	T	n-Butylbenzene	50.000	50.967	-1.9	110	0.00
90	T	Hexachloroethane	50.000	48.908	2.2	105	0.00
91	T	1,2-Dichlorobenzene	50.000	50.145	-0.3	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.738	4.5	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.769	0.5	109	0.00
94	T	Hexachlorobutadiene	50.000	49.603	0.8	107	0.00
95	T	Naphthalene	50.000	50.093	-0.2	106	0.00

Sample Results: **VX046775.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	50.228	-0.5	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

QC SAMPLE DATA

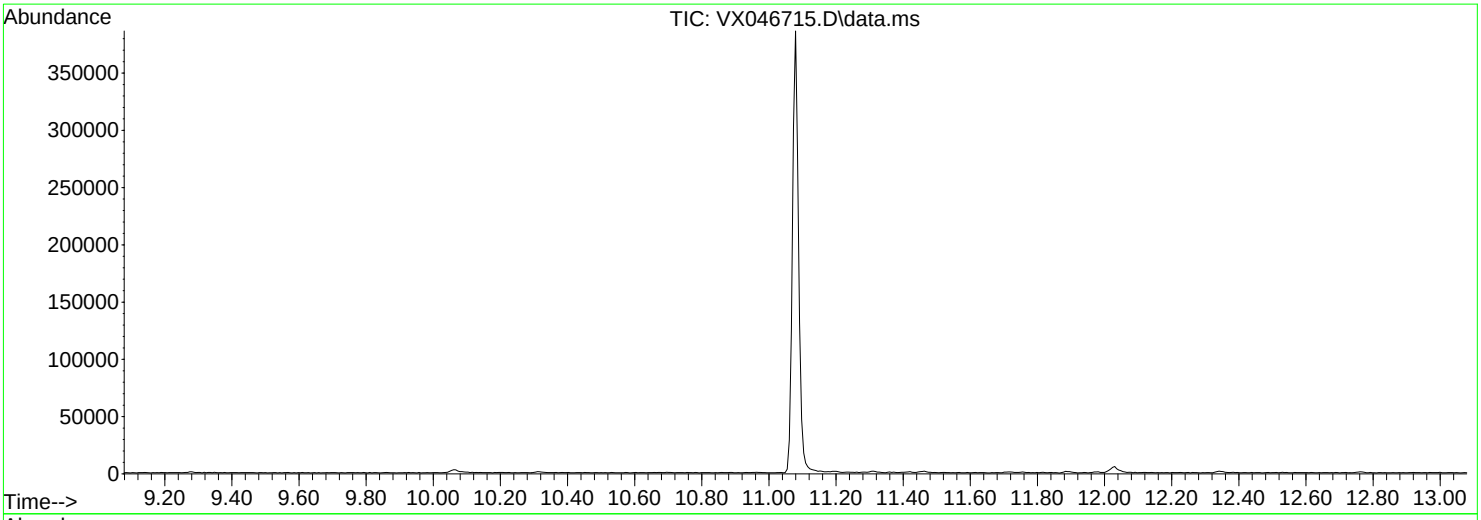
Sample Results: **VX046715.D**

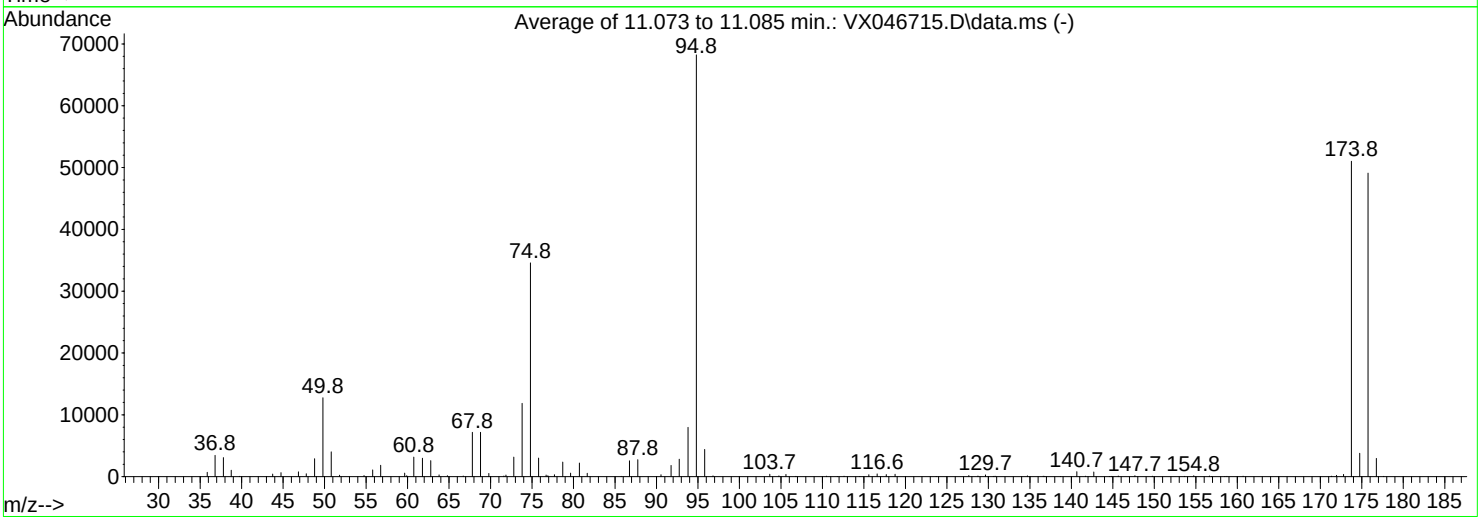
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046715.D
Acq On : 17 Jun 2025 08:46
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Title : SW846 8260
Last Update : Wed Jun 18 03:09:16 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.7	12764	PASS
75	95	30	60	50.7	34573	PASS
95	95	100	100	100.0	68235	PASS
96	95	5	9	6.5	4402	PASS
173	174	0.00	2	0.7	374	PASS
174	95	50	100	74.8	51016	PASS
175	174	5	9	7.4	3785	PASS
176	174	95	101	96.2	49101	PASS
177	176	5	9	6.0	2956	PASS

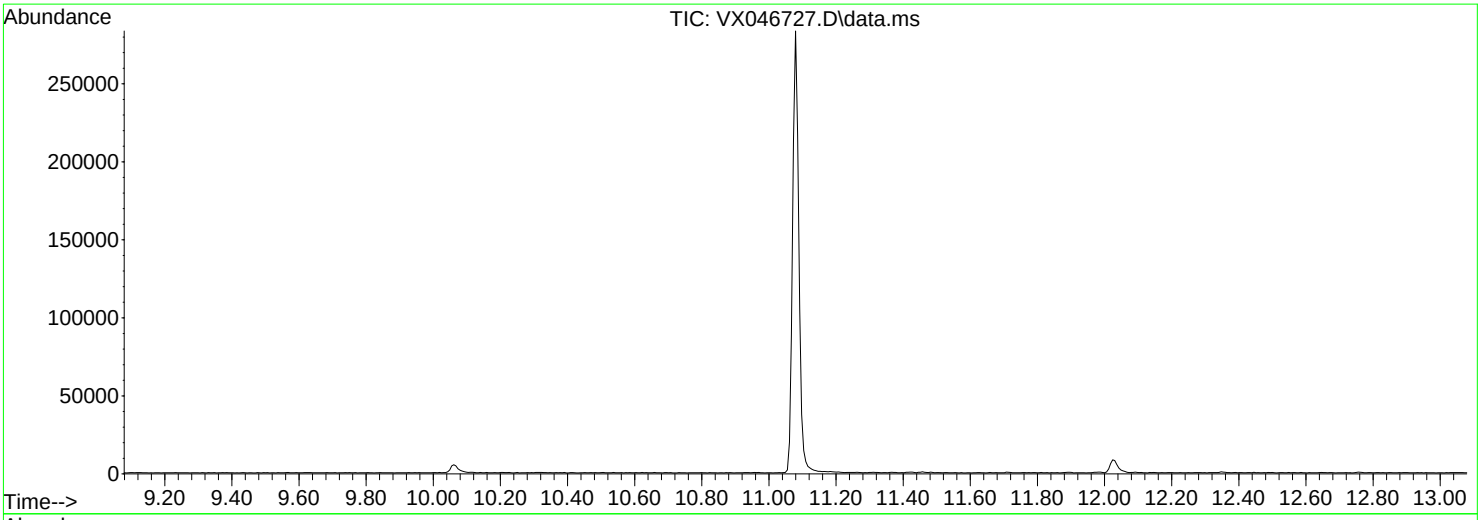
Sample Results: **VX046727.D**

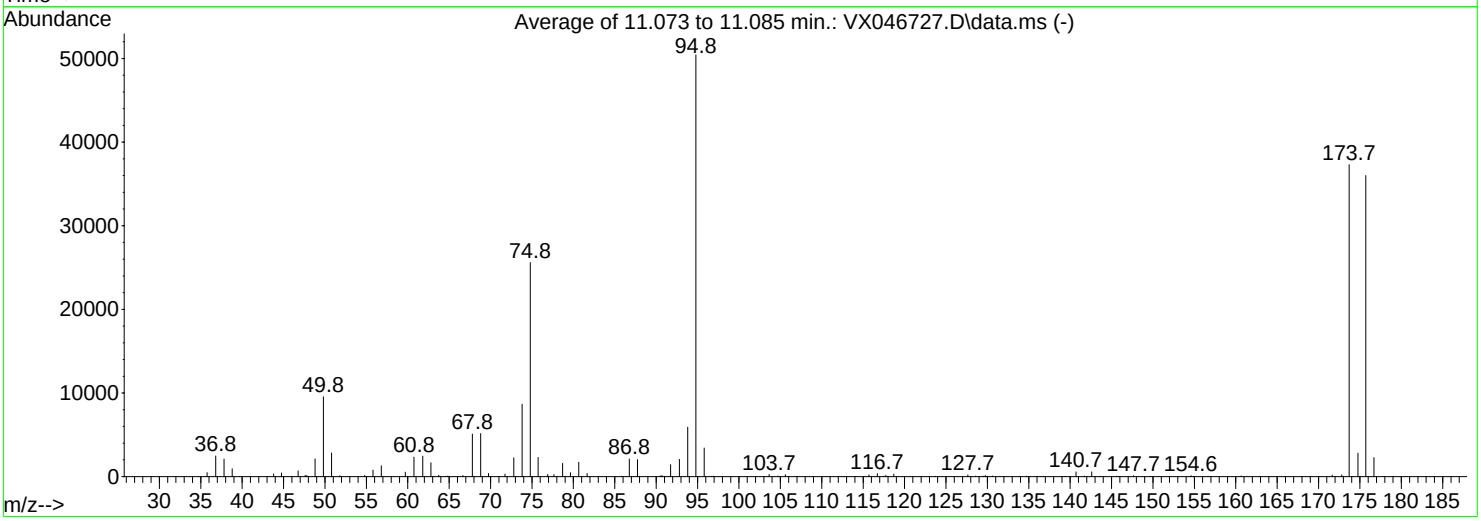
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046727.D
Acq On : 18 Jun 2025 08:59
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Title : SW846 8260
Last Update : Wed Jun 18 03:09:16 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	9538	PASS
75	95	30	60	50.8	25608	PASS
95	95	100	100	100.0	50435	PASS
96	95	5	9	6.8	3435	PASS
173	174	0.00	2	0.6	216	PASS
174	95	50	100	74.0	37317	PASS
175	174	5	9	7.5	2809	PASS
176	174	95	101	96.5	36000	PASS
177	176	5	9	6.3	2277	PASS

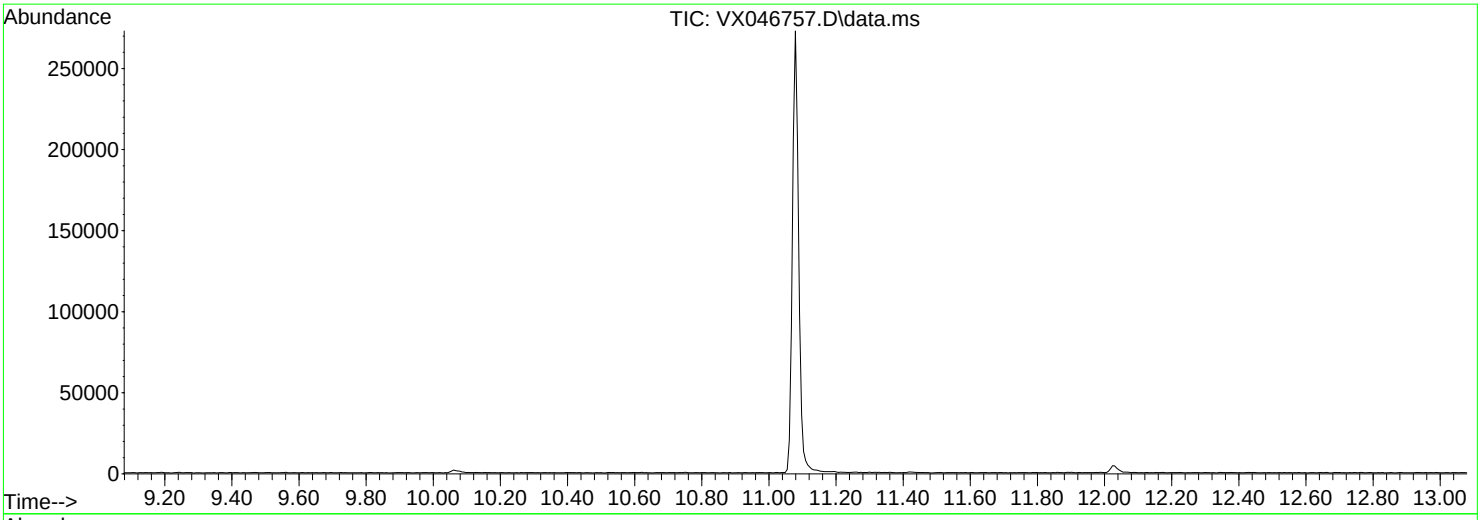
Sample Results: **VX046757.D**

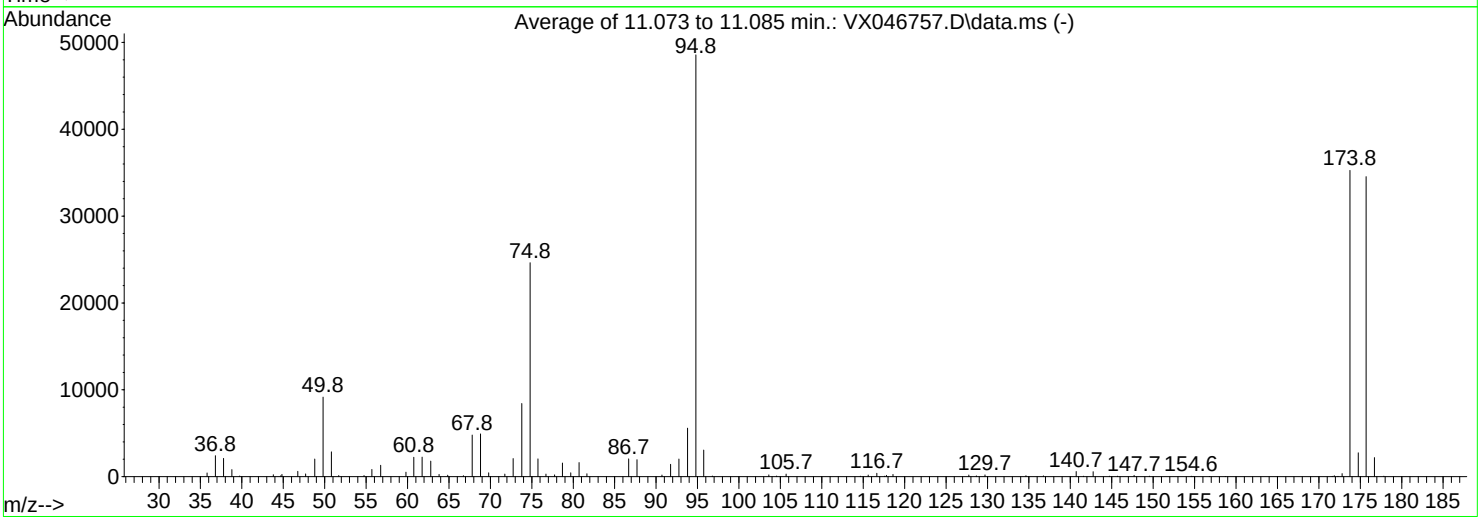
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046757.D
Acq On : 19 Jun 2025 08:42
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Title : SW846 8260
Last Update : Wed Jun 18 03:09:16 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.8	9154	PASS
75	95	30	60	50.7	24627	PASS
95	95	100	100	100.0	48571	PASS
96	95	5	9	6.3	3061	PASS
173	174	0.00	2	1.0	352	PASS
174	95	50	100	72.6	35267	PASS
175	174	5	9	7.8	2745	PASS
176	174	95	101	97.9	34539	PASS
177	176	5	9	6.3	2186	PASS

Raw Data: **VX046730.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:	VX0618WBL01	SDG No.:	Q2345
Lab Sample ID:	VX0618WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046730.D	1		06/18/25 10:45	VX061825

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: **VX046730.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:	VX0618WBL01	SDG No.:	Q2345
Lab Sample ID:	VX0618WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046730.D	1		06/18/25 10:45	VX061825

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	45.5		81 - 118		91%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.4		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		85 - 114		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	167000	5.562				
540-36-3	1,4-Difluorobenzene	271000	6.763				
3114-55-4	Chlorobenzene-d5	242000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	121000	12.018				

Raw Data: **VX046730.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:	VX0618WBL01	SDG No.:	Q2345
Lab Sample ID:	VX0618WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046730.D	1		06/18/25 10:45	VX061825

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\VX061825\
Data File : VX046730.D
Acq On : 18 Jun 2025 10:45
Operator : JC/MD
Sample : VX0618WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

Quant Time: Jun 19 01:19:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

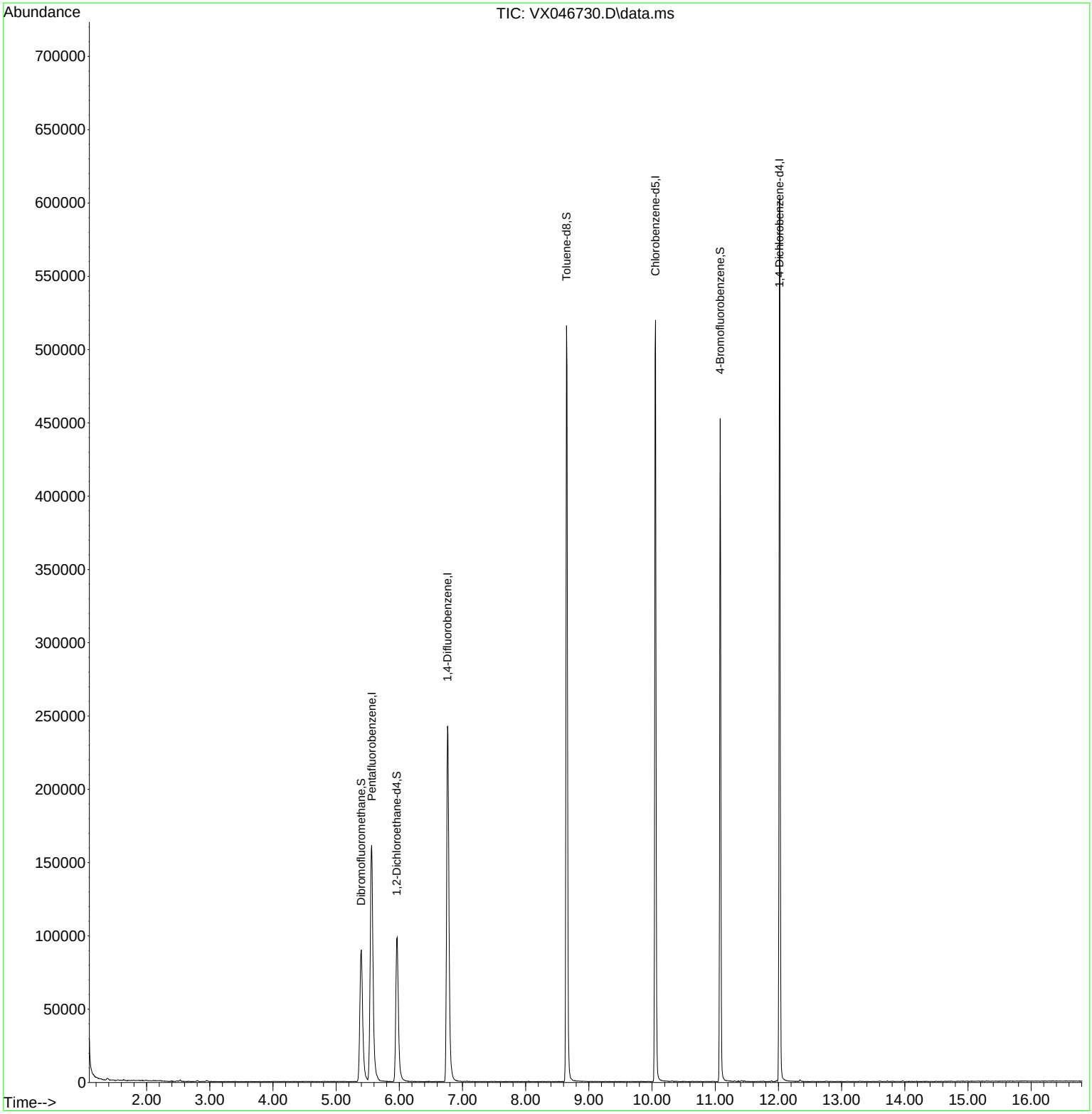
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	167417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	270618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105292	45.469	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.940%			
35) Dibromofluoromethane	5.397	113	87372	48.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.600%			
50) Toluene-d8	8.647	98	317817	49.405	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.820%			
62) 4-Bromofluorobenzene	11.079	95	121434	50.641	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.280%			
Target Compounds						Qvalue

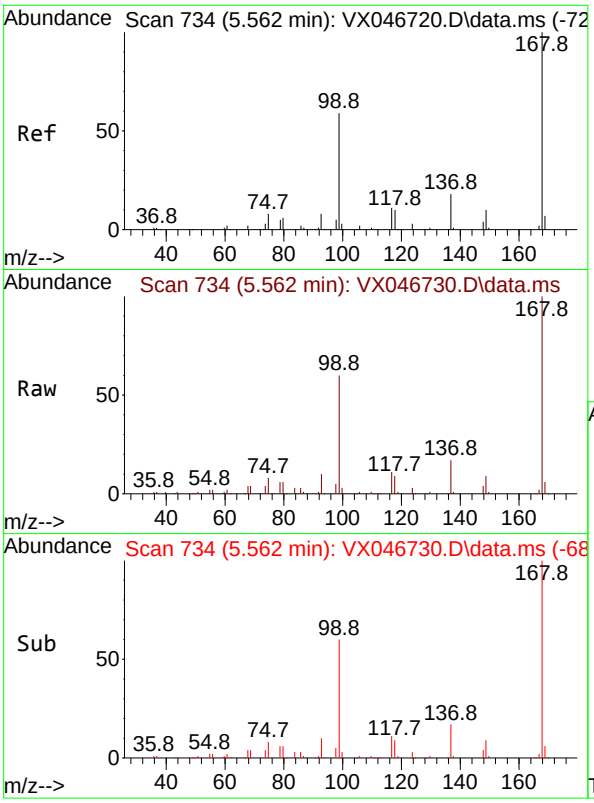
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046730.D
Acq On : 18 Jun 2025 10:45
Operator : JC/MD
Sample : VX0618WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

Quant Time: Jun 19 01:19:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



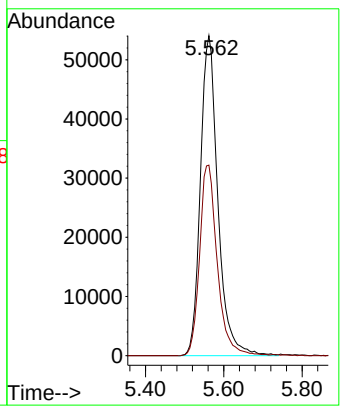


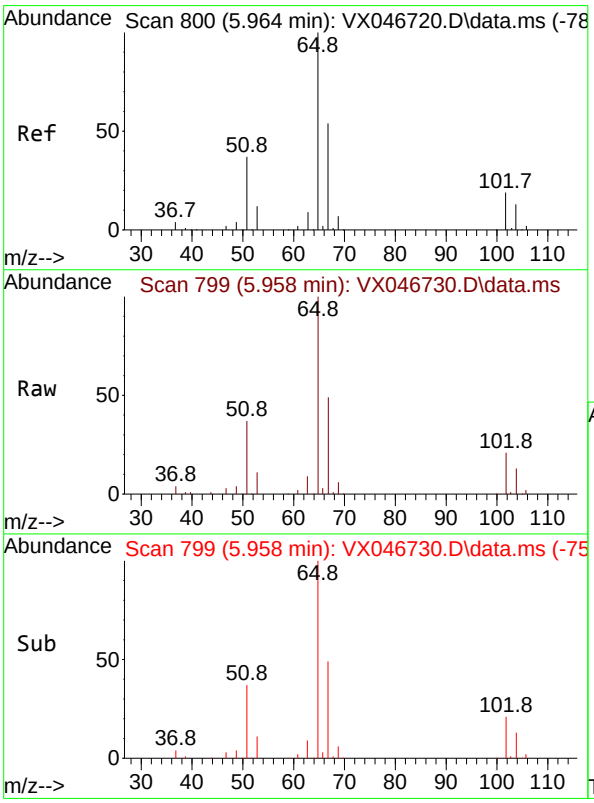
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

Tgt Ion:168 Resp: 167417

Ion	Ratio	Lower	Upper
168	100		
99	59.6	48.5	72.7

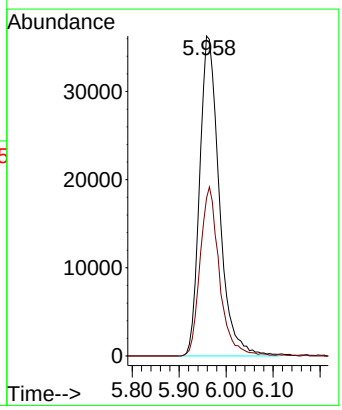


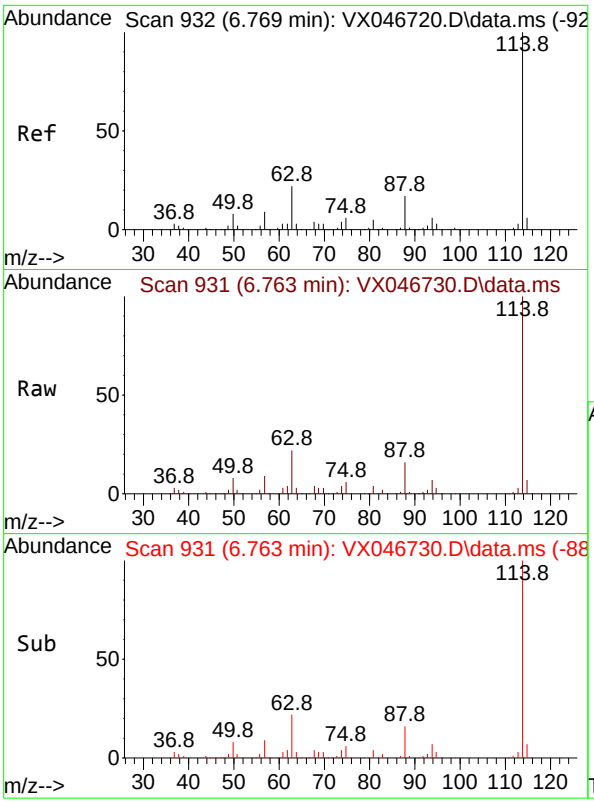


#33
1,2-Dichloroethane-d4
Concen: 45.469 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

Tgt Ion: 65 Resp: 105292

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.4



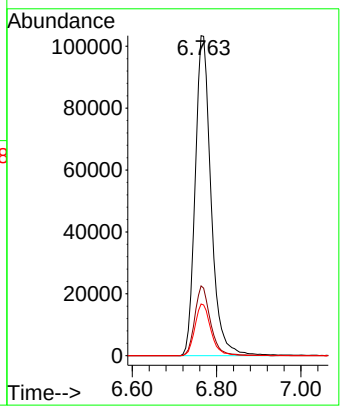


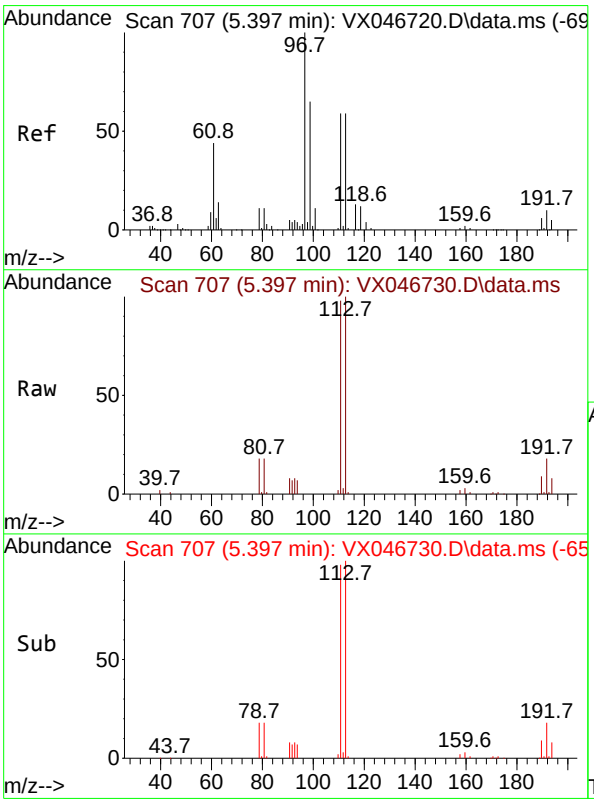
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

Tgt Ion:114 Resp: 270618

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.2
88	16.1	0.0	33.2

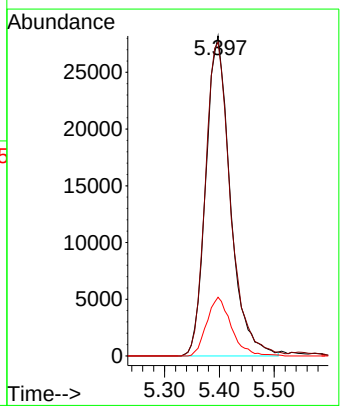


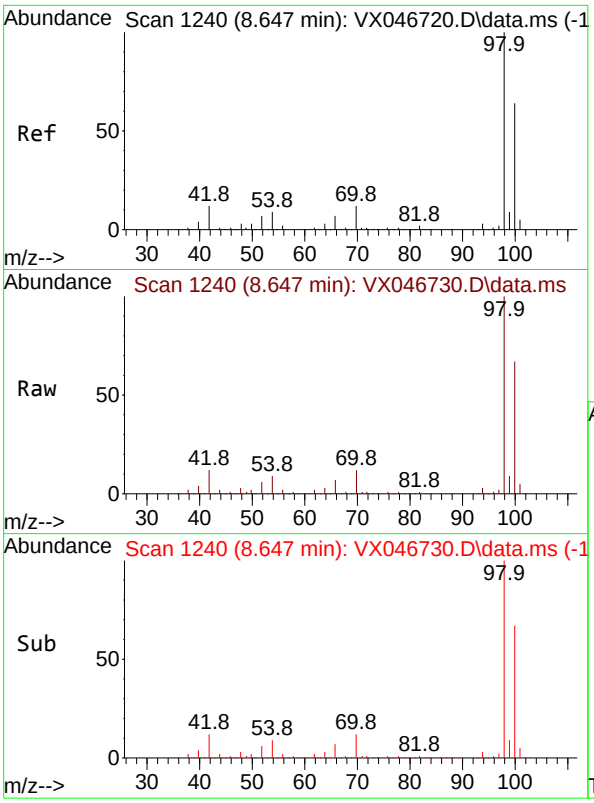


#35
Dibromofluoromethane
Concen: 48.798 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

Tgt Ion:113 Resp: 87372

Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.0	123.0
192	18.4	15.3	22.9



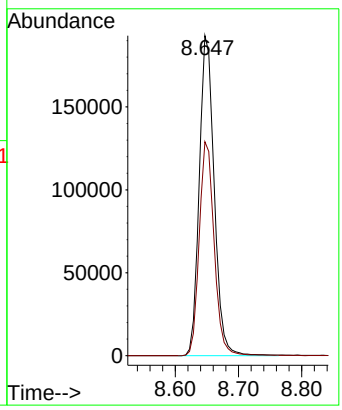


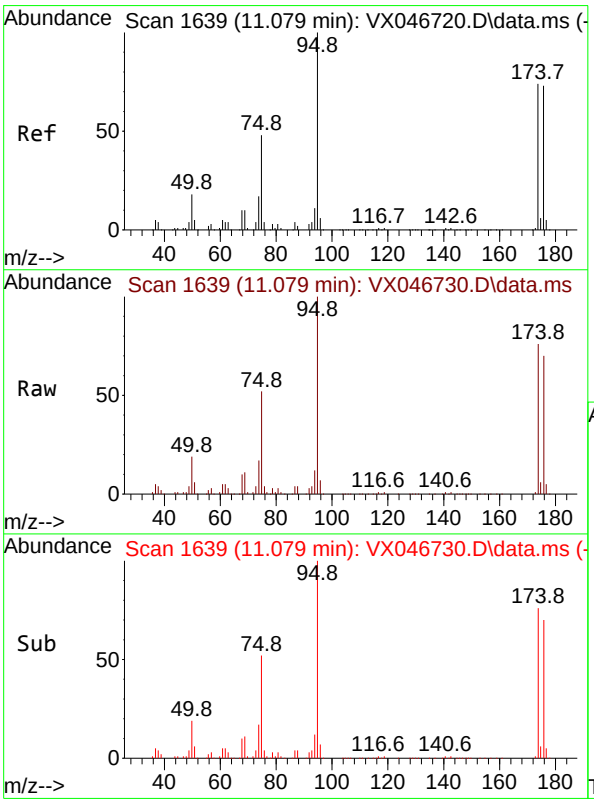
#50
Toluene-d8
Concen: 49.405 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

Tgt Ion: 98 Resp: 317817

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4

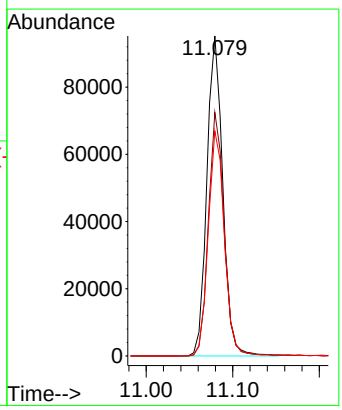


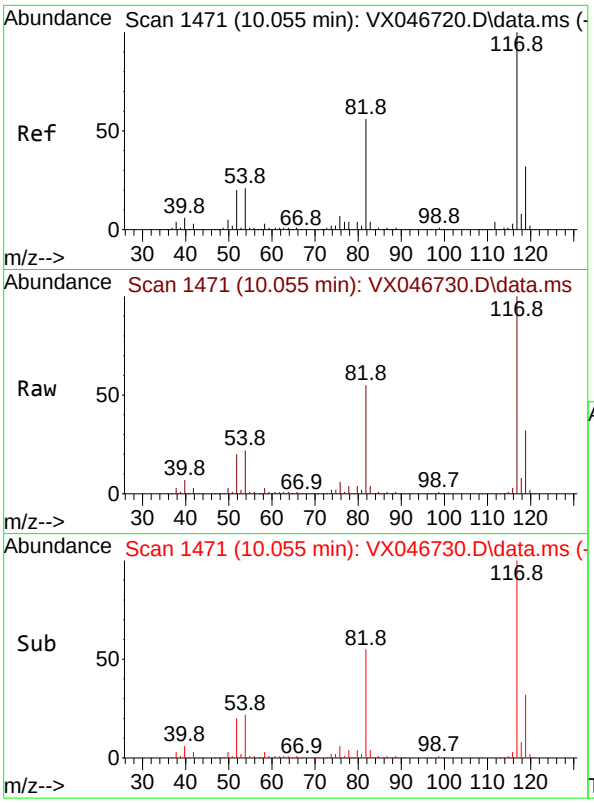


#62
4-Bromofluorobenzene
Concen: 50.641 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

Tgt Ion: 95 Resp: 121434

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	150.4
176	71.8	0.0	145.0



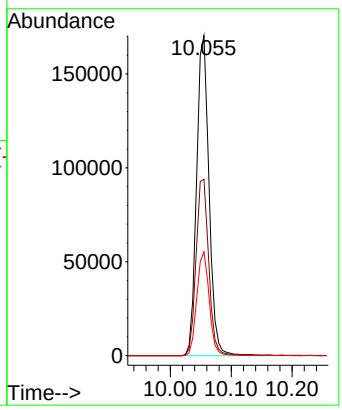


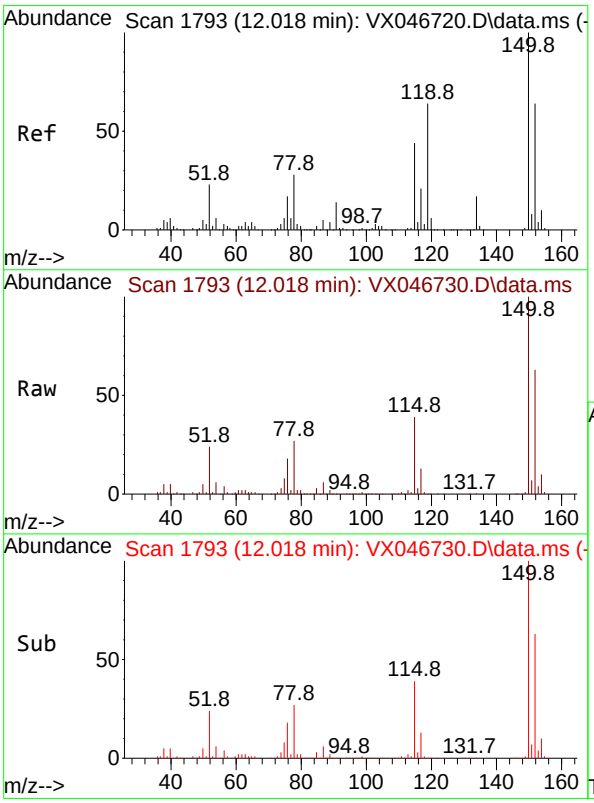
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

Tgt Ion:117 Resp: 242123

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	66.8
119	32.5	25.8	38.8

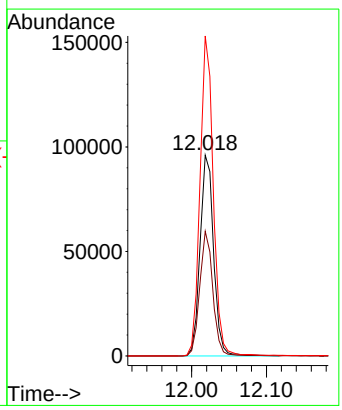




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

Tgt Ion:152 Resp: 121135

Ion	Ratio	Lower	Upper
152	100		
115	60.3	43.2	129.6
150	155.5	0.0	346.8



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:	VX0619WBL01	SDG No.:	Q2345
Lab Sample ID:	VX0619WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046760.D	1		06/19/25 10:33	VX061925

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: **VX046760.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:	VX0619WBL01	SDG No.:	Q2345
Lab Sample ID:	VX0619WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046760.D	1		06/19/25 10:33	VX061925

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	48.3		81 - 118		97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	50.0		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	125000	5.562				
540-36-3	1,4-Difluorobenzene	212000	6.769				
3114-55-4	Chlorobenzene-d5	192000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	93000	12.018				

Raw Data: **VX046760.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:	VX0619WBL01	SDG No.:	Q2345
Lab Sample ID:	VX0619WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046760.D	1		06/19/25 10:33	VX061925

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\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Time: Jun 20 05:15:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

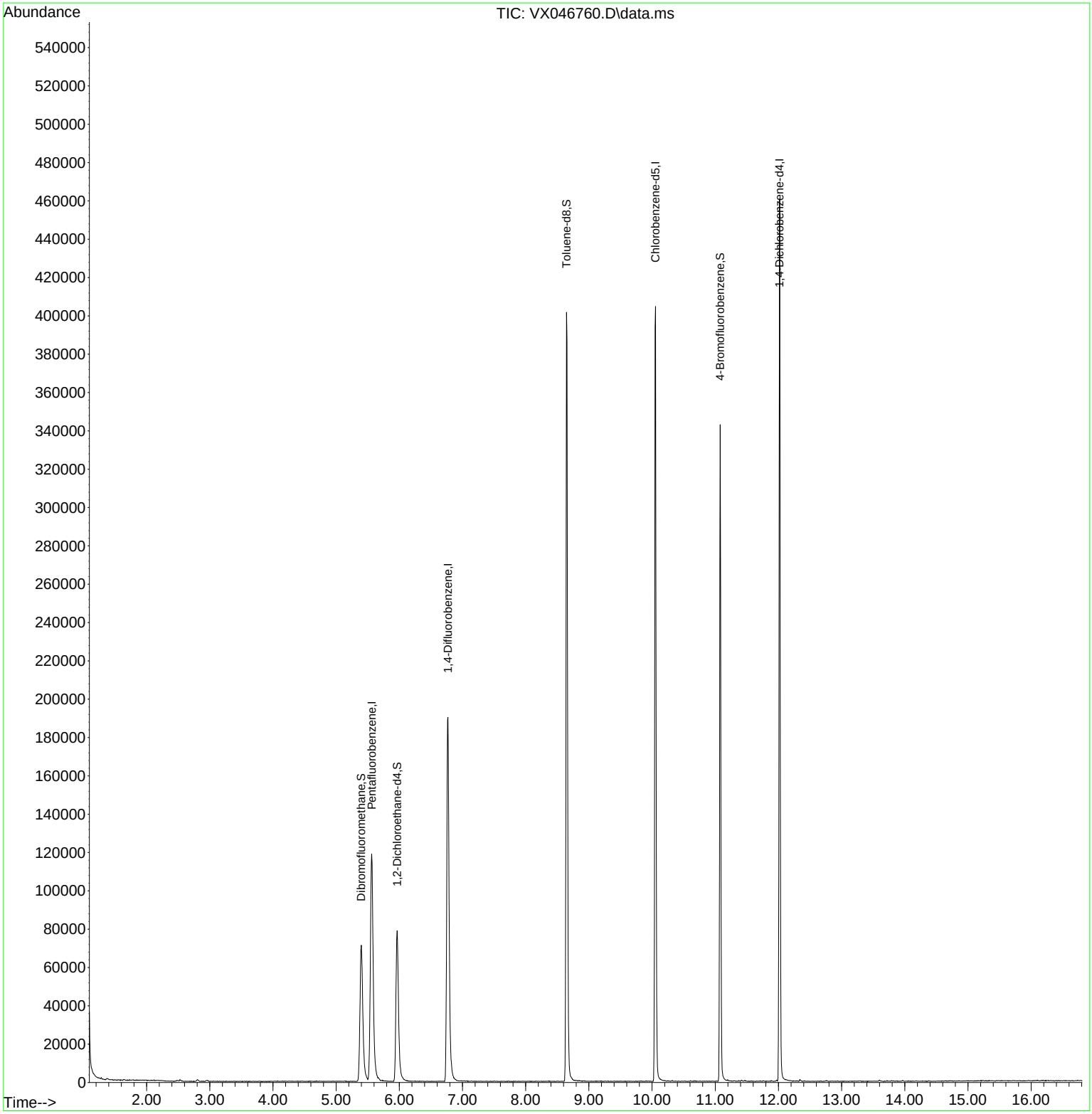
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	124937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	212303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83430	48.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.560%		
35) Dibromofluoromethane	5.397	113	68758	48.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	8.647	98	252224	49.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.079	95	92918	49.393	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.780%		
Target Compounds						Qvalue

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

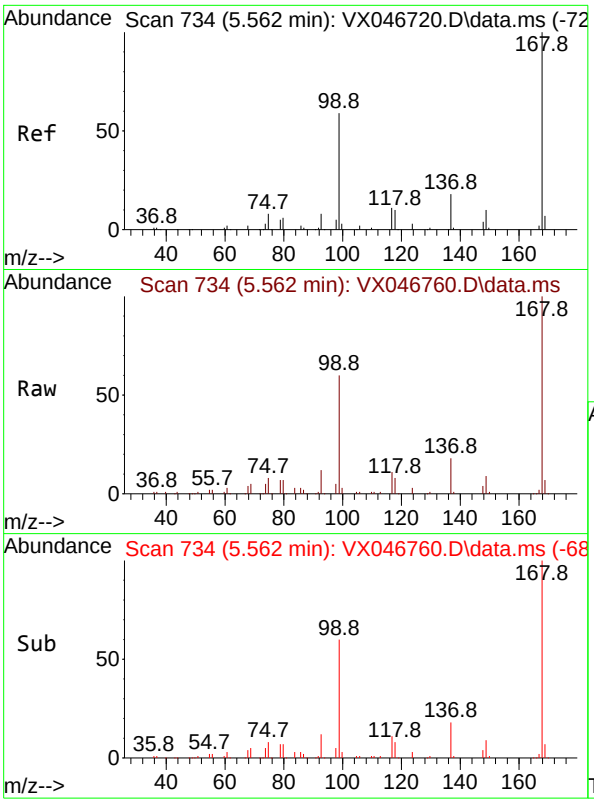
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Time: Jun 20 05:15:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



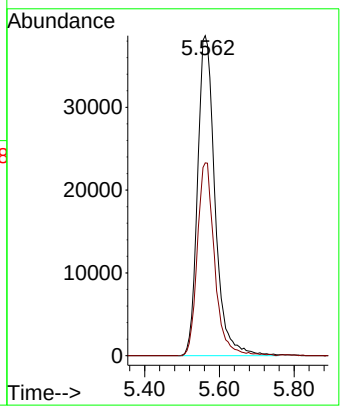
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

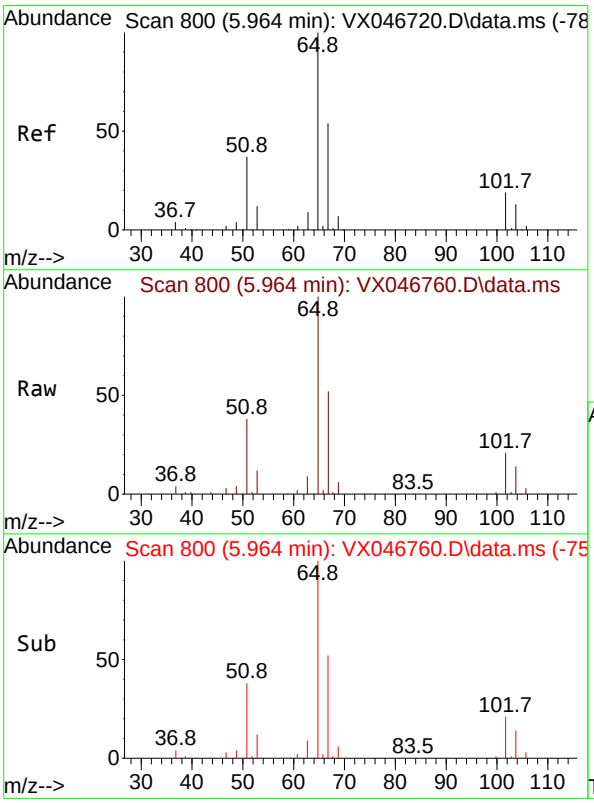


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion:168 Resp: 124937

Ion	Ratio	Lower	Upper
168	100		
99	60.2	48.5	72.7

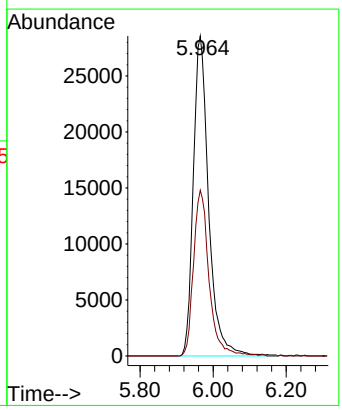


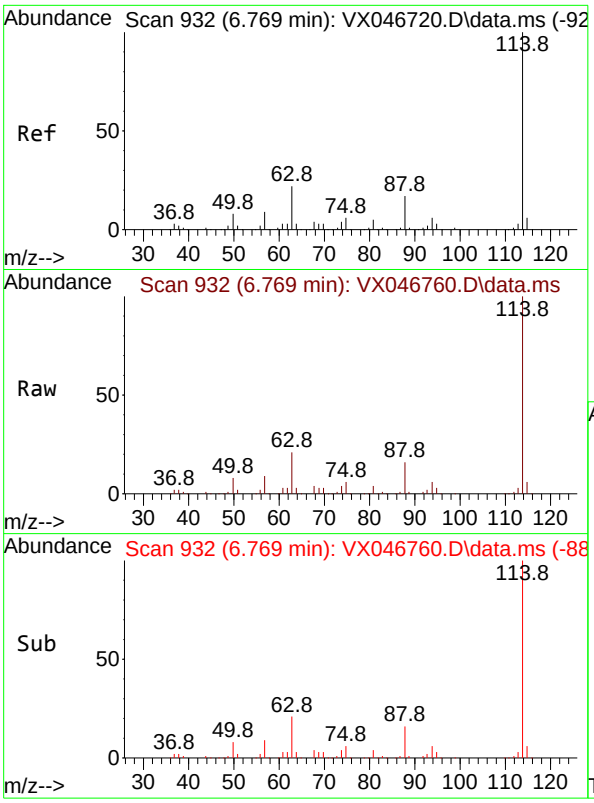


#33
1,2-Dichloroethane-d4
Concen: 48.278 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 65 Resp: 83430

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.4



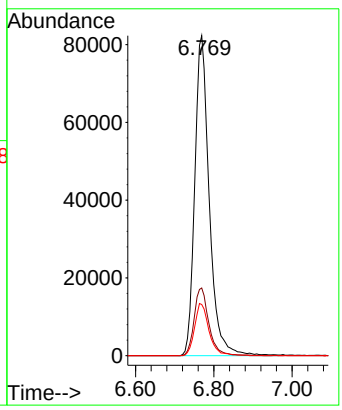


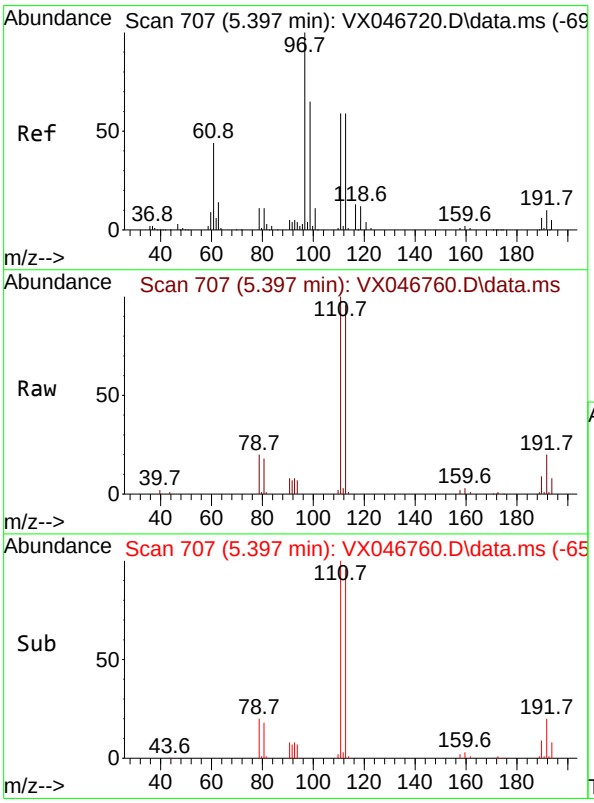
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion:114 Resp: 212303

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.2
88	16.0	0.0	33.2

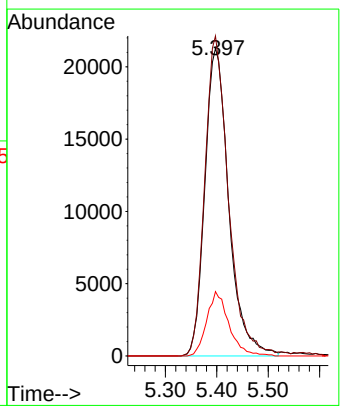


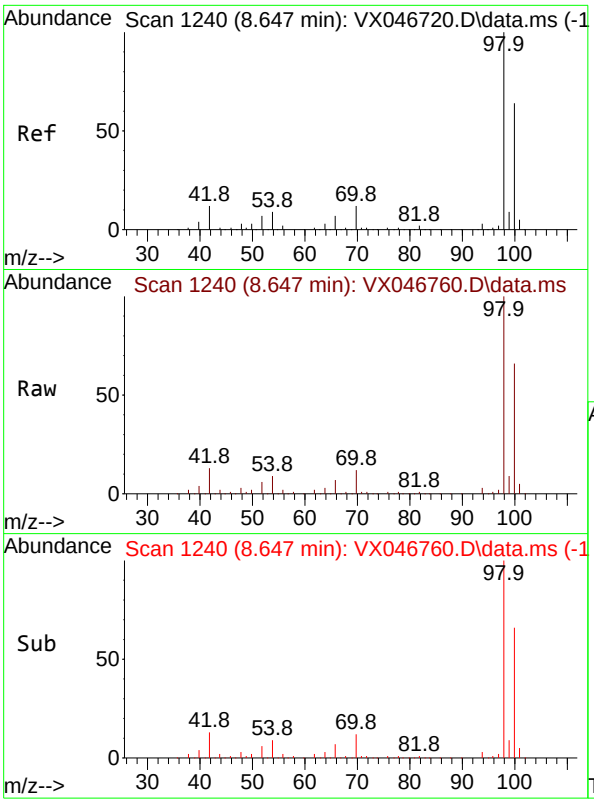


#35
Dibromofluoromethane
Concen: 48.950 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion:113 Resp: 68758

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	19.4	15.3	22.9



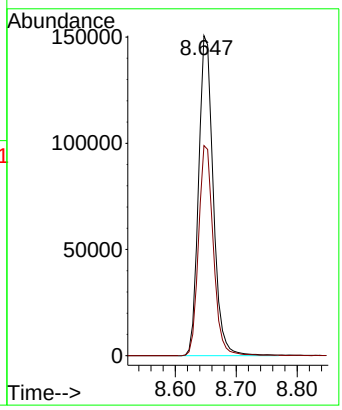


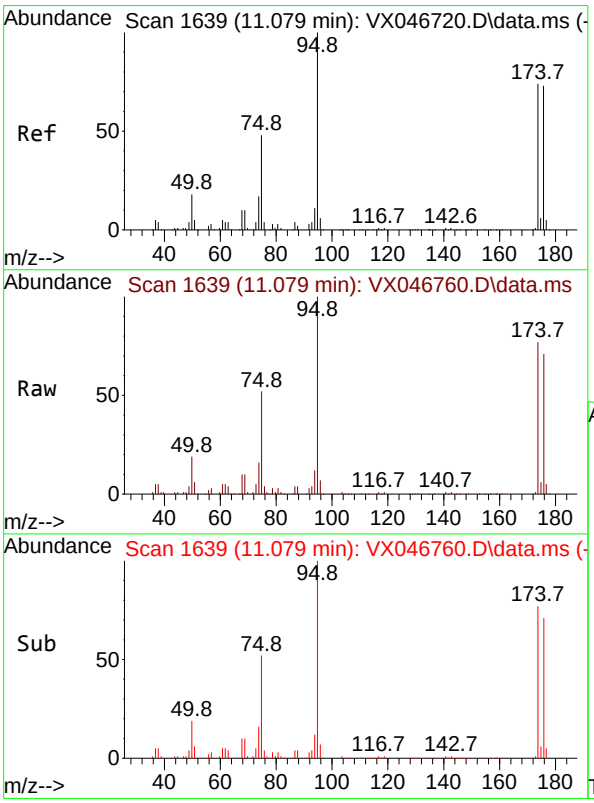
#50
Toluene-d8
Concen: 49.979 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion: 98 Resp: 252224

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

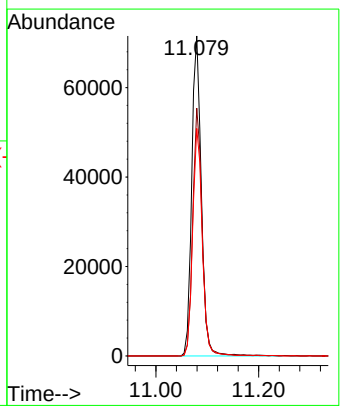


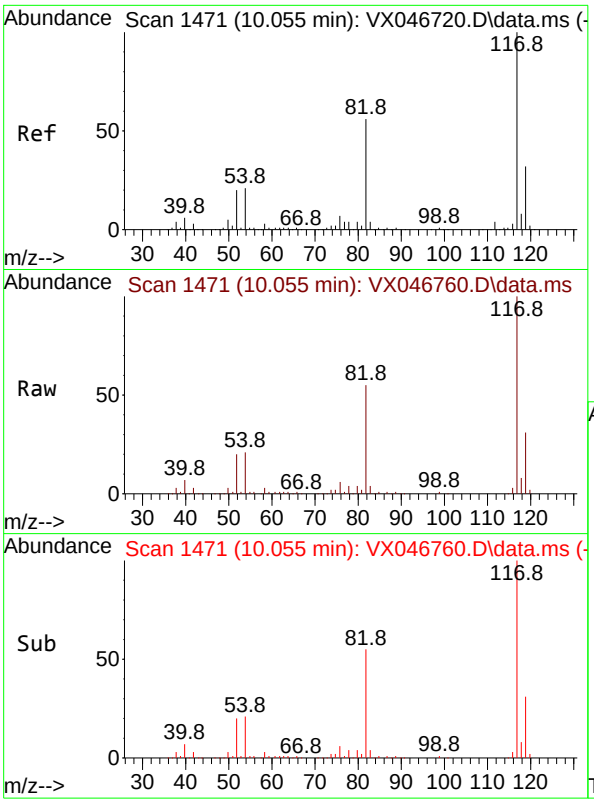


#62
4-Bromofluorobenzene
Concen: 49.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 95 Resp: 92918

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	150.4
176	71.2	0.0	145.0



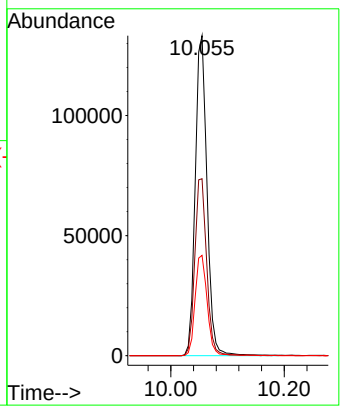


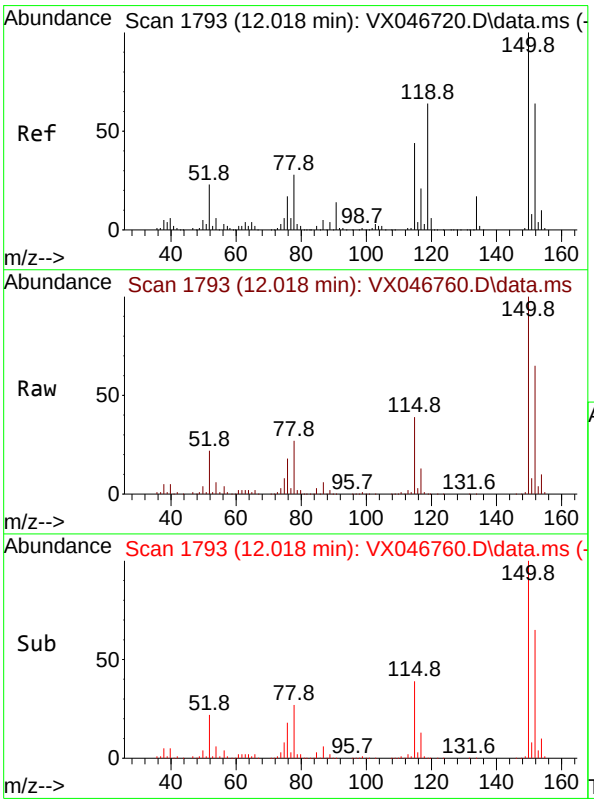
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion:117 Resp: 191555

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.6	66.8
119	31.4	25.8	38.8

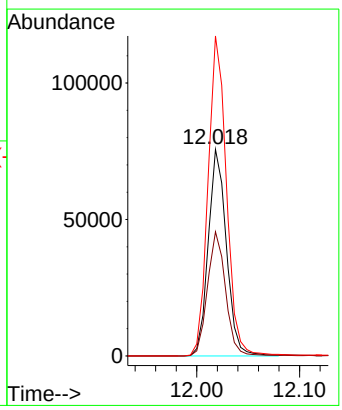




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion:152 Resp: 93040

Ion	Ratio	Lower	Upper
152	100		
115	60.1	43.2	129.6
150	157.7	0.0	346.8



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:	VX0618WBS01	SDG No.:	Q2345
Lab Sample ID:	VX0618WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046731.D	1		06/18/25 11:07	VX061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	19.7		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	19.2		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	19.2		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	21.9		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	19.2		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.2		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.1		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	0.75	1.00	ug/L
67-64-1	Acetone	89.9		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	17.4		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.0		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	17.9		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	18.2		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.4		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.7		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	18.8		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	89.9		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.4		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.8		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	22.0		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	18.9		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	18.6		0.16	0.50	1.00	ug/L
71-43-2	Benzene	18.8		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.8		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	18.3		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.5		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	18.7		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	91.3		0.68	2.50	5.00	ug/L
108-88-3	Toluene	19.1		0.14	0.50	1.00	ug/L

Raw Data: **VX046731.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:	VX0618WBS01	SDG No.:	Q2345
Lab Sample ID:	VX0618WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046731.D	1		06/18/25 11:07	VX061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.3		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.4		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.7		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	92.2		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	18.8		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.1		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	18.1		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	18.3		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	18.3		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	37.2		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	19.1		0.12	0.50	1.00	ug/L
100-42-5	Styrene	18.8		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	17.9		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	17.9		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.6		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.2		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.1		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	16.3		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.4		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.4		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.7		81 - 118		99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	51.3		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.9		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	156000	5.562				
540-36-3	1,4-Difluorobenzene	258000	6.769				
3114-55-4	Chlorobenzene-d5	234000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	122000	12.018				

Raw Data: **VX046731.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:	VX0618WBS01	SDG No.:	Q2345
Lab Sample ID:	VX0618WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046731.D	1		06/18/25 11:07	VX061825

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\VX061825\
Data File : VX046731.D
Acq On : 18 Jun 2025 11:07
Operator : JC/MD
Sample : VX0618WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 19 01:20:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	156160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107357	49.703	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.400%			
35) Dibromofluoromethane	5.397	113	86297	50.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	8.653	98	315181	51.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	11.079	95	123307	53.877	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	32855	19.707	ug/l	97
3) Chloromethane	1.307	50	34478	19.159	ug/l	100
4) Vinyl Chloride	1.386	62	36804	19.179	ug/l	96
5) Bromomethane	1.624	94	23617	21.875	ug/l	95
6) Chloroethane	1.703	64	22373	19.236	ug/l	99
7) Trichlorofluoromethane	1.904	101	55899	19.184	ug/l	98
8) Diethyl Ether	2.142	74	18908	18.908	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	34125	19.090	ug/l	98
10) Methyl Iodide	2.465	142	34275	18.324	ug/l	97
11) Tert butyl alcohol	2.953	59	15315	78.997	ug/l	98
12) 1,1-Dichloroethene	2.337	96	32329	18.743	ug/l	94
13) Acrolein	2.245	56	23404	82.880	ug/l	98
14) Allyl chloride	2.678	41	56826	18.183	ug/l	99
15) Acrylonitrile	3.075	53	77636	89.058	ug/l	98
16) Acetone	2.386	43	64756	89.902	ug/l	97
17) Carbon Disulfide	2.526	76	90862	17.444	ug/l	98
18) Methyl Acetate	2.715	43	32677	17.862	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	96927	18.047	ug/l	99
20) Methylene Chloride	2.800	84	36406	18.175	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	34031	18.439	ug/l	99
22) Diisopropyl ether	3.770	45	115948	19.302	ug/l	99
23) Vinyl Acetate	3.733	43	442736	92.685	ug/l	99
24) 1,1-Dichloroethane	3.623	63	63885	18.731	ug/l	100
25) 2-Butanone	4.562	43	91591	89.908	ug/l	96
26) 2,2-Dichloropropane	4.489	77	47652	19.157	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	40662	18.753	ug/l	99
28) Bromochloromethane	4.910	49	33976	21.974	ug/l	98
29) Tetrahydrofuran	5.013	42	59051	89.743	ug/l	99
30) Chloroform	5.105	83	64462	18.899	ug/l	98
31) Cyclohexane	5.477	56	60903	18.830	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	56117	18.760	ug/l	99
36) 1,1-Dichloropropene	5.702	75	45886	18.601	ug/l	99
37) Ethyl Acetate	4.727	43	36646	16.094	ug/l #	95
38) Carbon Tetrachloride	5.684	117	49192	18.375	ug/l	98
39) Methylcyclohexane	7.385	83	60470	18.628	ug/l	98
40) Benzene	6.050	78	137579	18.845	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046731.D
Acq On : 18 Jun 2025 11:07
Operator : JC/MD
Sample : VX0618WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 19 01:20:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	22309	18.378	ug/l		99
42) 1,2-Dichloroethane	6.092	62	48245	18.805	ug/l		99
43) Isopropyl Acetate	6.348	43	64595	18.129	ug/l		99
44) Trichloroethene	7.135	130	34115	18.336	ug/l		99
45) 1,2-Dichloropropane	7.434	63	33537	18.535	ug/l		98
46) Dibromomethane	7.586	93	24500	18.841	ug/l		99
47) Bromodichloromethane	7.824	83	49606	18.694	ug/l		97
48) Methyl methacrylate	7.696	41	32385	18.122	ug/l		98
49) 1,4-Dioxane	7.665	88	8212	335.186	ug/l		92
51) 4-Methyl-2-Pentanone	8.574	43	194118	91.344	ug/l		99
52) Toluene	8.720	92	86400	19.090	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	44965	18.263	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	51349	18.372	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	31497	18.674	ug/l		96
56) Ethyl methacrylate	9.116	69	46060	18.500	ug/l		99
57) 1,3-Dichloropropane	9.311	76	54758	18.853	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	130389	100.816	ug/l		99
59) 2-Hexanone	9.427	43	135469	92.207	ug/l		100
60) Dibromochloromethane	9.519	129	37303	18.767	ug/l		100
61) 1,2-Dibromoethane	9.610	107	32821	19.131	ug/l		98
64) Tetrachloroethene	9.275	164	29423	18.146	ug/l		97
65) Chlorobenzene	10.079	112	94744	18.339	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	32350	18.632	ug/l		100
67) Ethyl Benzene	10.195	91	165227	18.304	ug/l		99
68) m/p-Xylenes	10.299	106	125249	37.239	ug/l		98
69) o-Xylene	10.640	106	60319	19.136	ug/l		97
70) Styrene	10.652	104	103726	18.804	ug/l		100
71) Bromoform	10.799	173	23678	17.907	ug/l	#	100
73) Isopropylbenzene	10.963	105	161068	17.941	ug/l		99
74) N-amyl acetate	10.841	43	58929	17.325	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	44152	17.613	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	40073m	17.949	ug/l		
77) Bromobenzene	11.195	156	38841	17.979	ug/l		99
78) n-propylbenzene	11.305	91	192217	18.026	ug/l		100
79) 2-Chlorotoluene	11.360	91	113441	17.818	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	133755	18.130	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	12597	15.949	ug/l		99
82) 4-Chlorotoluene	11.451	91	131603	17.712	ug/l		98
83) tert-Butylbenzene	11.713	119	135643	17.787	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	134740	18.178	ug/l		100
85) sec-Butylbenzene	11.890	105	173686	18.021	ug/l		100
86) p-Isopropyltoluene	12.006	119	146235	17.983	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	72321	17.169	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	73790	17.054	ug/l		99
89) n-Butylbenzene	12.329	91	137335	17.787	ug/l		100
90) Hexachloroethane	12.536	117	24540	17.233	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	70063	17.798	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8079	16.324	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	48663	17.388	ug/l		98
94) Hexachlorobutadiene	13.719	225	21242	18.044	ug/l		98
95) Naphthalene	13.774	128	136183	17.080	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	46661	17.428	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046731.D
Acq On : 18 Jun 2025 11:07
Operator : JC/MD
Sample : VX0618WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

Quant Time: Jun 19 01:20:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046731.D
Acq On : 18 Jun 2025 11:07
Operator : JC/MD
Sample : VX0618WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 19 01:20:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
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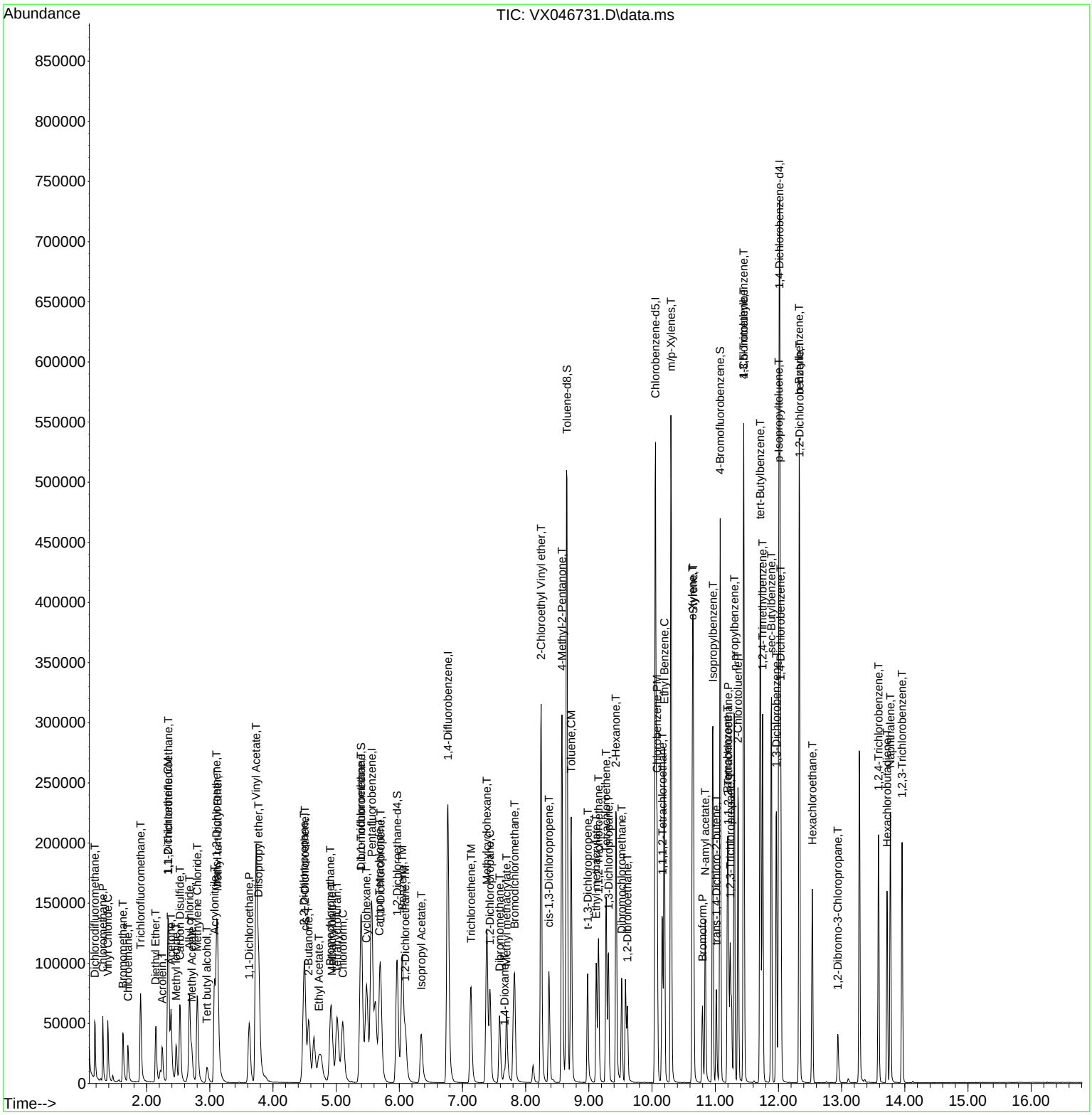
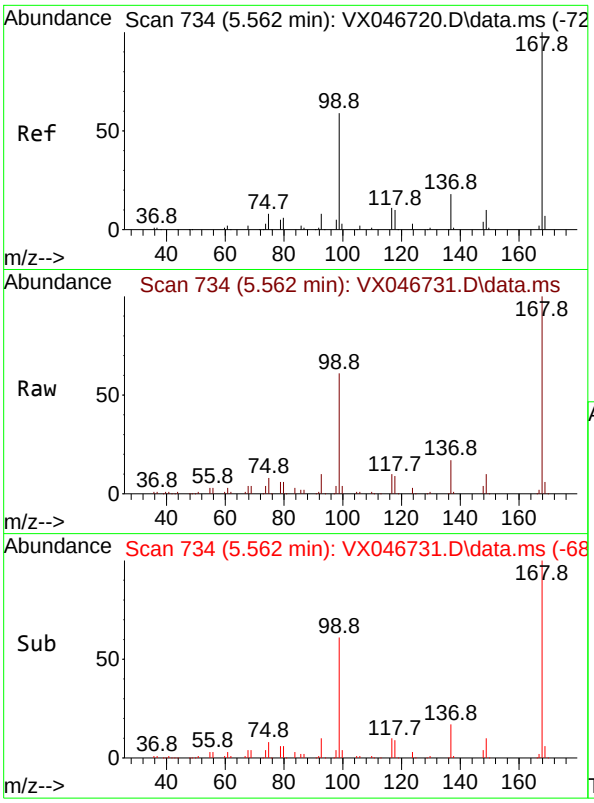
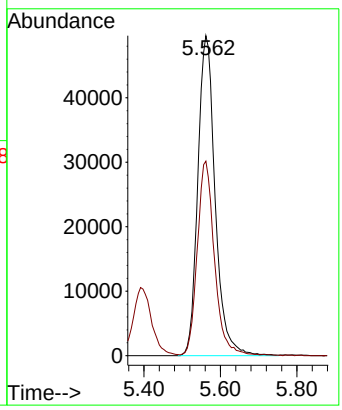




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:168 Resp: 15616

Ion	Ratio	Lower	Upper
168	100		
99	60.6	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
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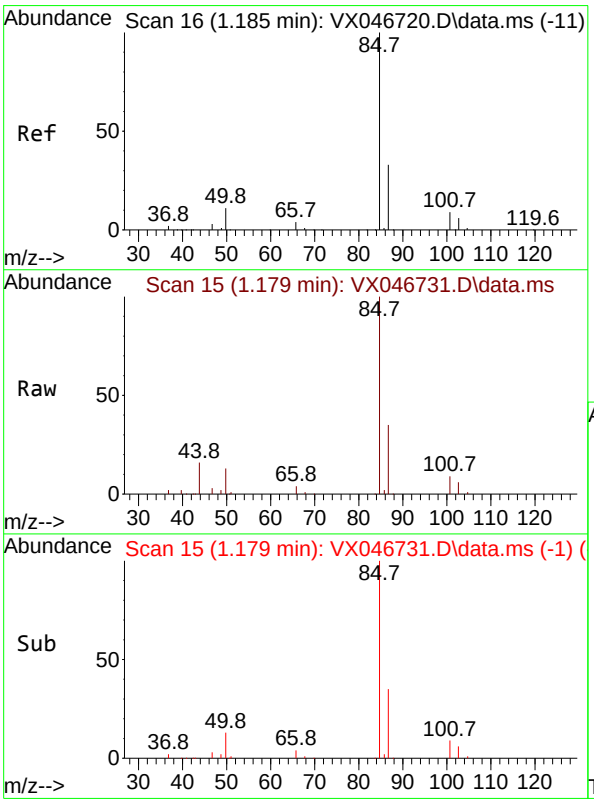
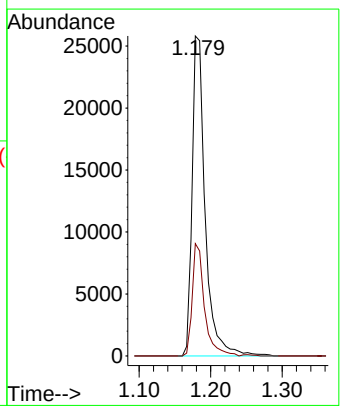
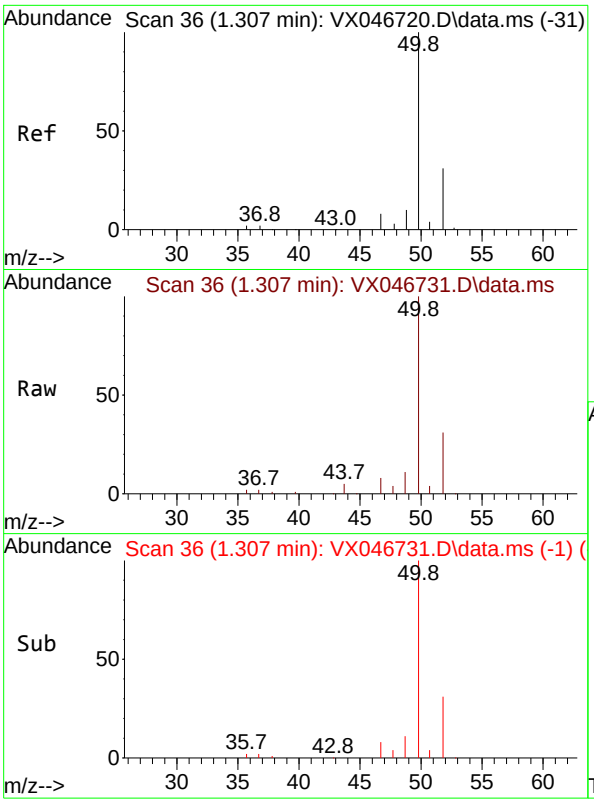


#2
Dichlorodifluoromethane
Concen: 19.707 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 85 Resp: 32855

Ion	Ratio	Lower	Upper
85	100		
87	35.1	16.6	49.8

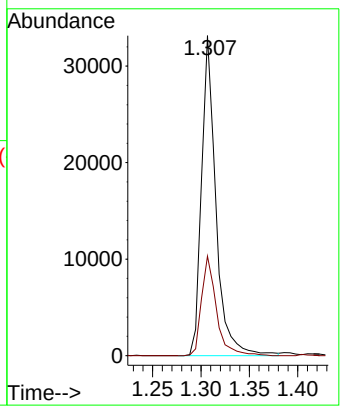




#3
Chloromethane
Concen: 19.159 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 50 Resp: 3447

Ion	Ratio	Lower	Upper
50	100		
52	31.1	24.9	37.3



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
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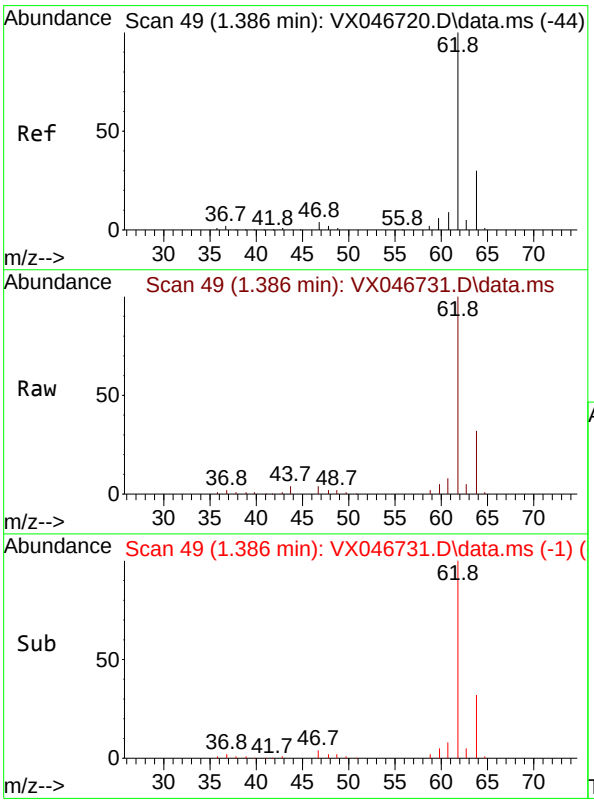
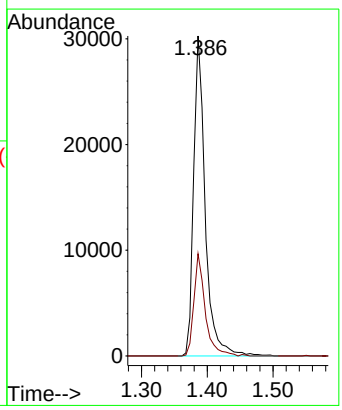
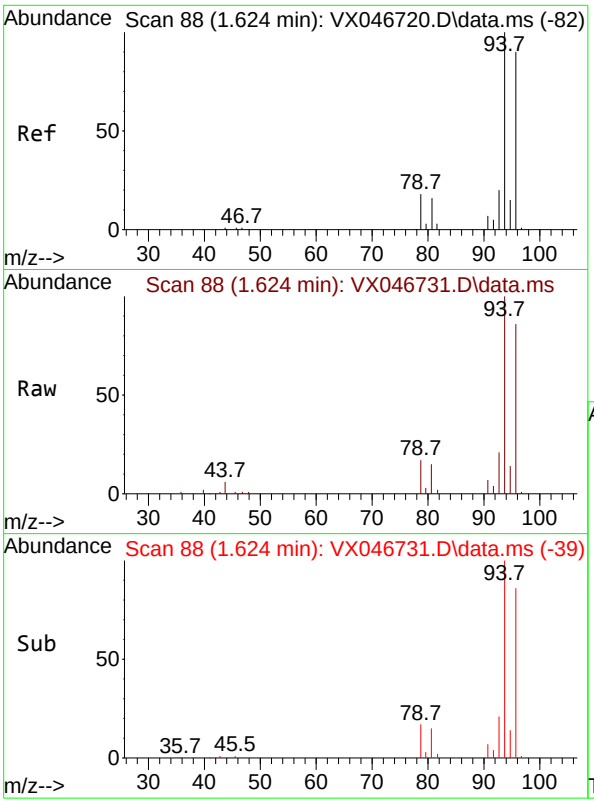


#4
Vinyl Chloride
Concen: 19.179 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 62 Resp: 36804

Ion	Ratio	Lower	Upper
62	100		
64	31.9	23.9	35.9

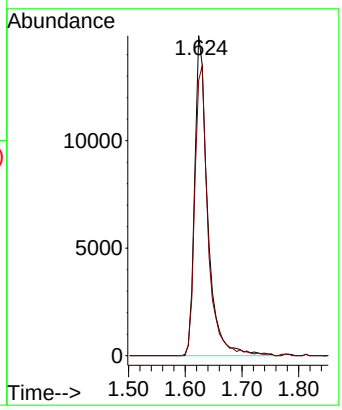




#5
Bromomethane
Concen: 21.875 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 94 Resp: 2361

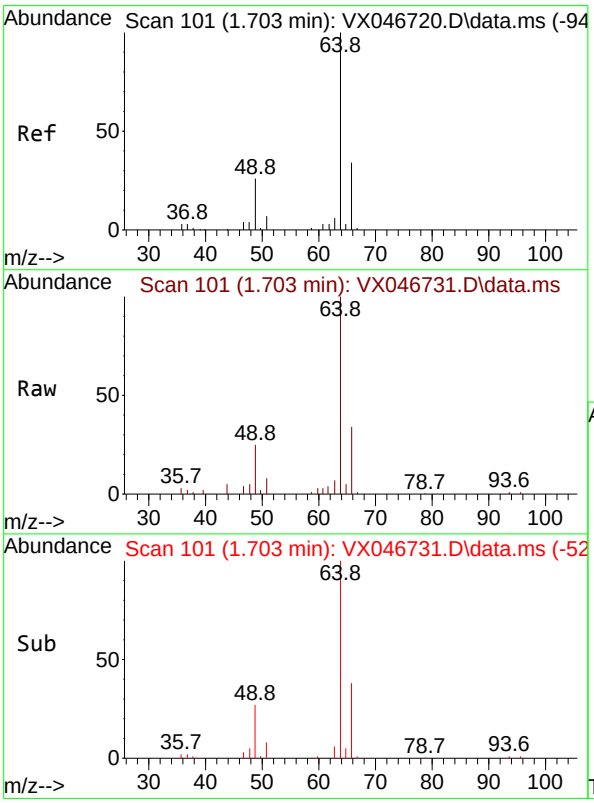
Ion	Ratio	Lower	Upper
94	100		
96	86.1	72.3	108.5



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
APPROVED

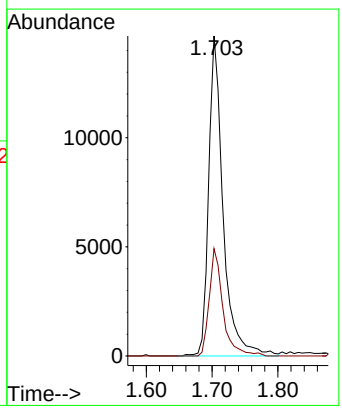
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

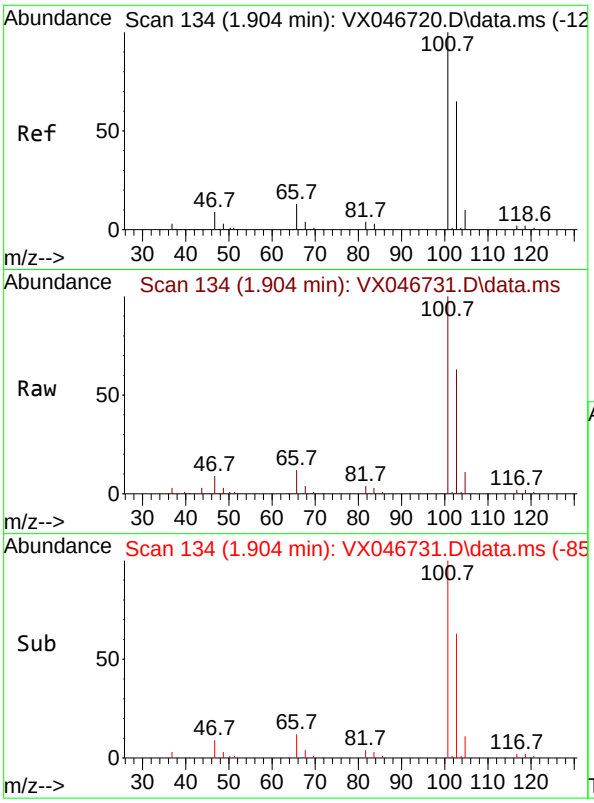


#6
Chloroethane
Concen: 19.236 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 64 Resp: 22373

Ion	Ratio	Lower	Upper
64	100		
66	33.6	27.1	40.7

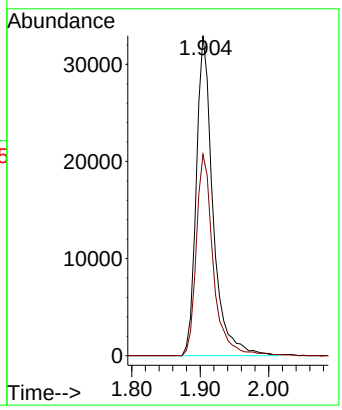




#7
Trichlorofluoromethane
Concen: 19.184 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:101 Resp: 5589

Ion	Ratio	Lower	Upper
101	100		
103	62.9	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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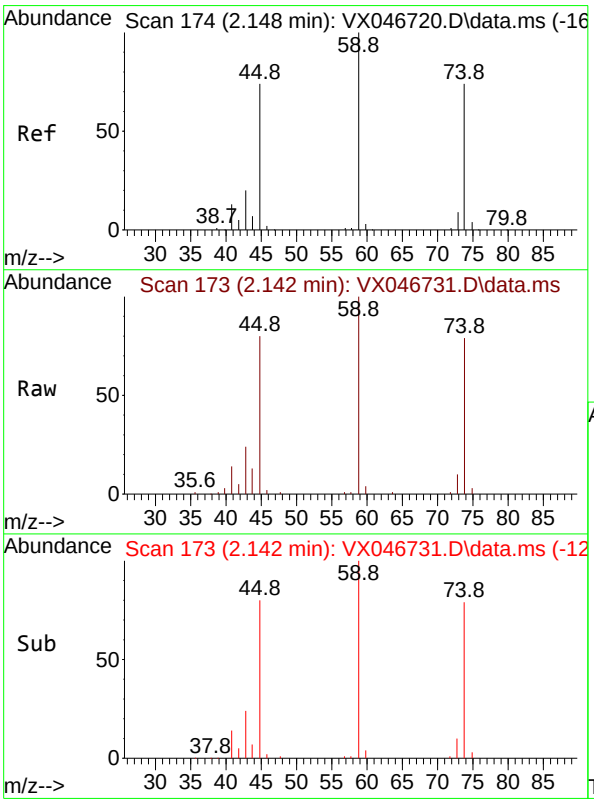
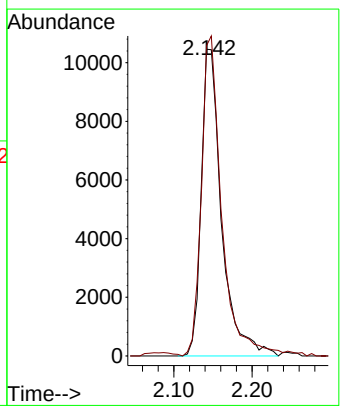
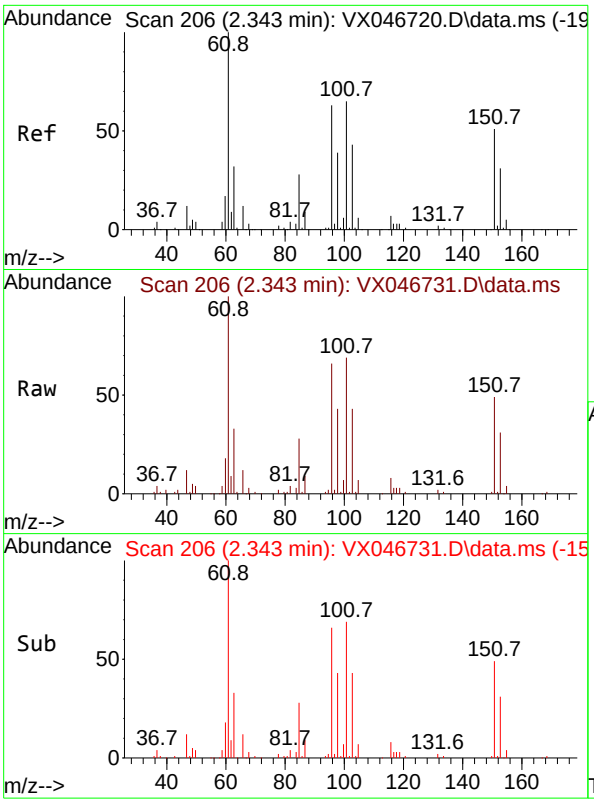


#8
Diethyl Ether
Concen: 18.908 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 74 Resp: 18908

Ion	Ratio	Lower	Upper
74	100		
45	104.6	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.090 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:101 Resp: 3412

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.4	53.0
151	74.7	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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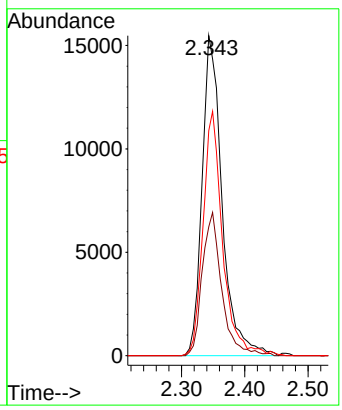
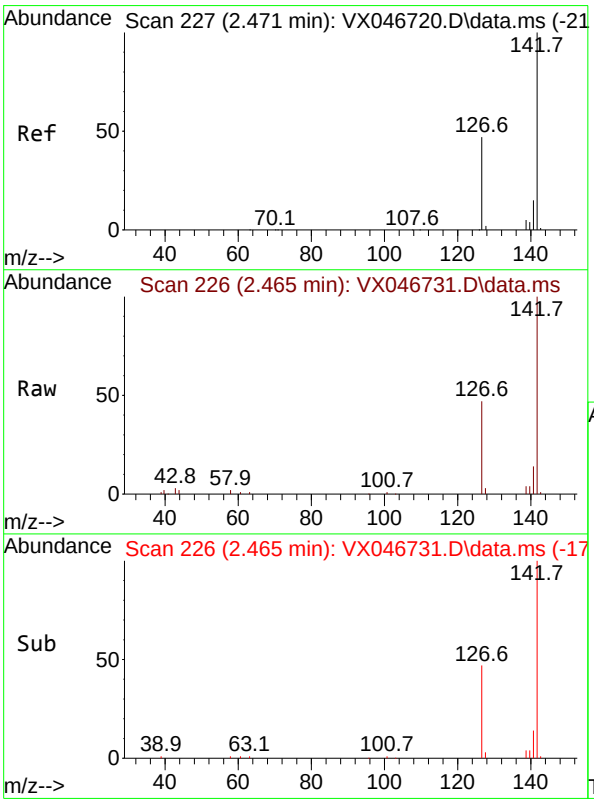
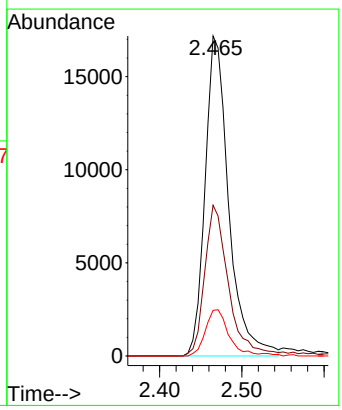


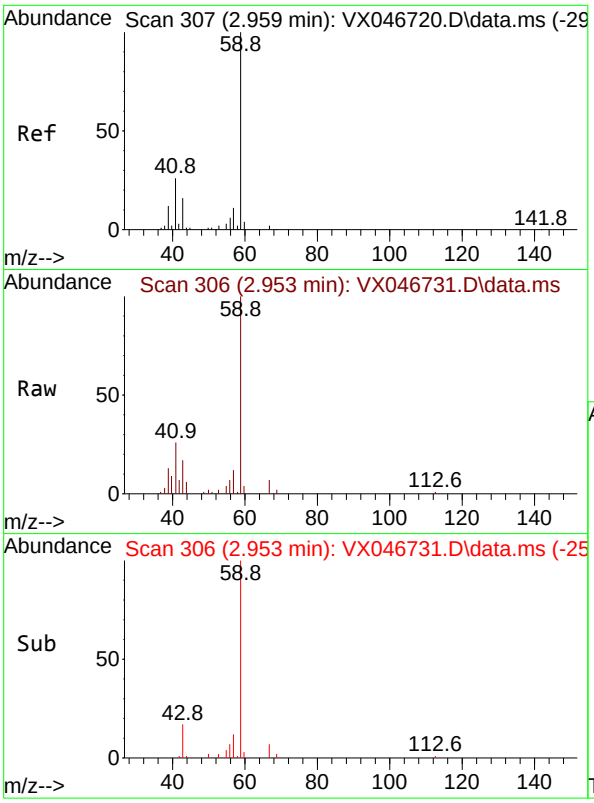


#10
Methyl Iodide
Concen: 18.324 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:142 Resp: 34275

Ion	Ratio	Lower	Upper
142	100		
127	48.5	37.0	55.6
141	14.1	11.5	17.3

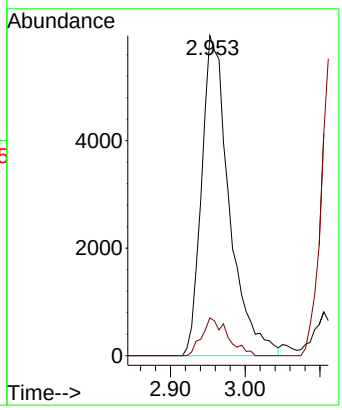




#11
Tert butyl alcohol
Concen: 78.997 ug/l
RT: 2.953 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 59 Resp: 1531

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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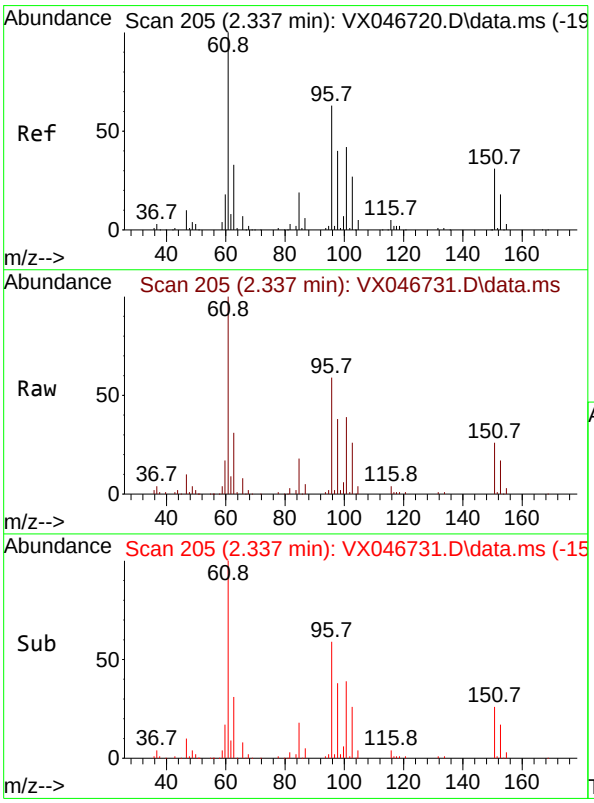
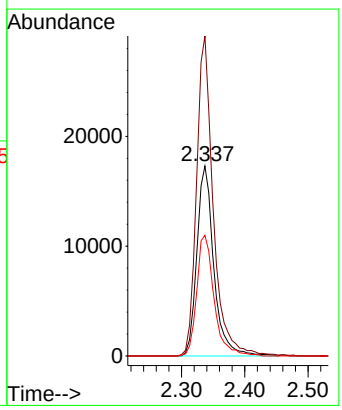
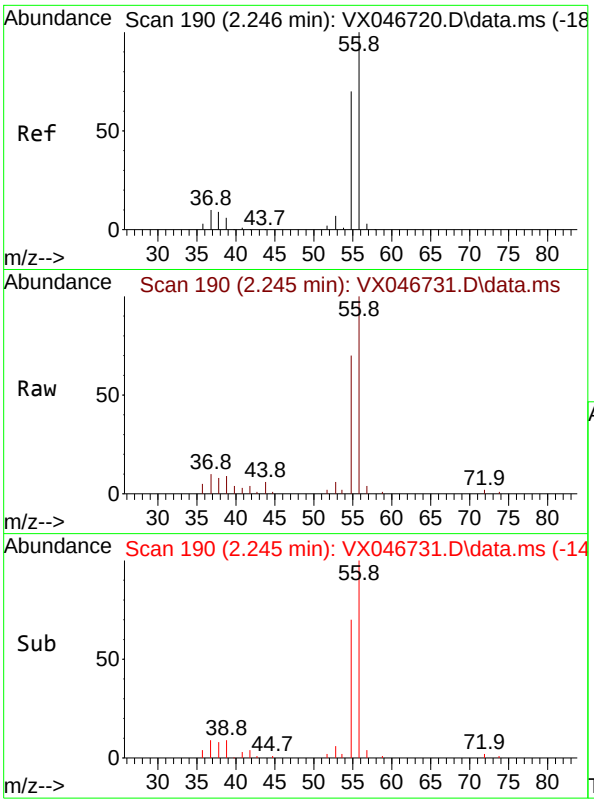


#12
1,1-Dichloroethene
Concen: 18.743 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 96 Resp: 32329

Ion	Ratio	Lower	Upper
96	100		
61	168.4	126.6	189.8
98	63.5	50.7	76.1





#13
Acrolein
Concen: 82.880 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 56 Resp: 2340

Ion	Ratio	Lower	Upper
56	100		
55	70.6	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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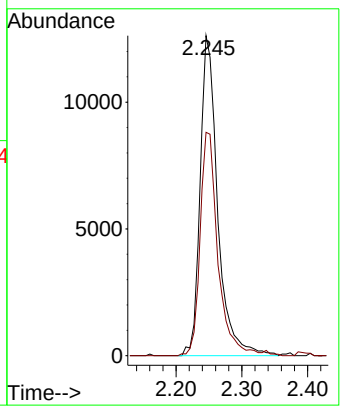
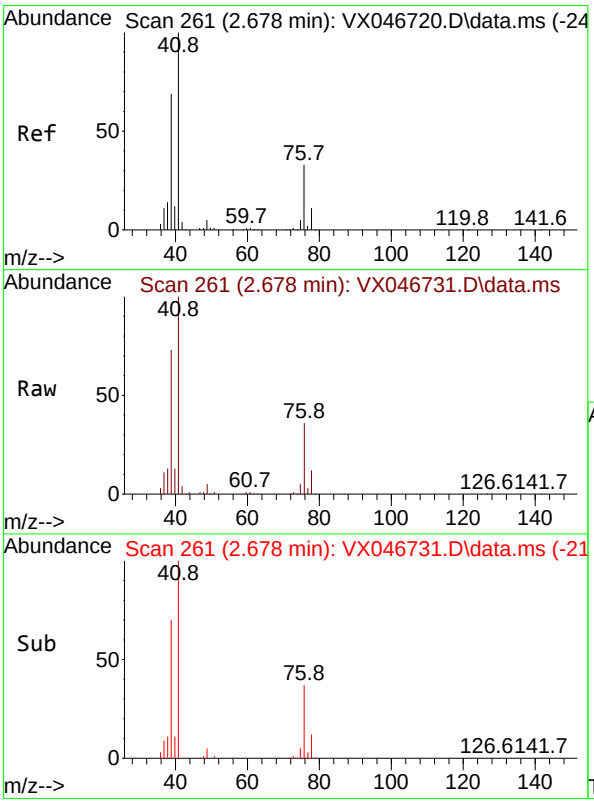
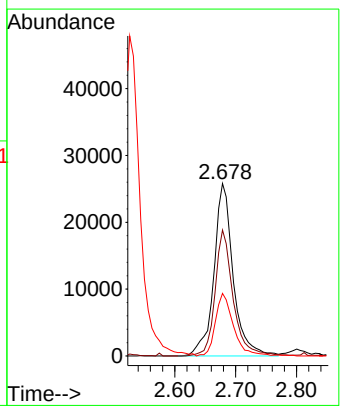


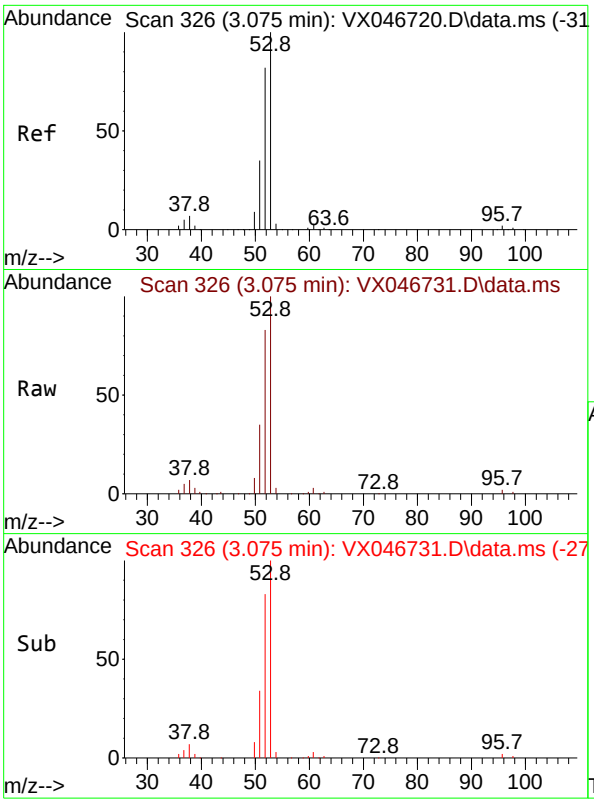


#14
Allyl chloride
Concen: 18.183 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 41 Resp: 56826

Ion	Ratio	Lower	Upper
41	100		
39	68.3	53.6	80.4
76	33.7	26.8	40.2

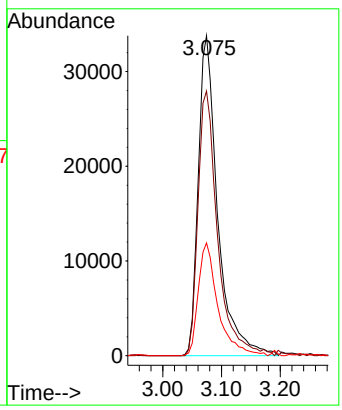




#15
Acrylonitrile
Concen: 89.058 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 53 Resp: 7763

Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.1	97.7
51	35.8	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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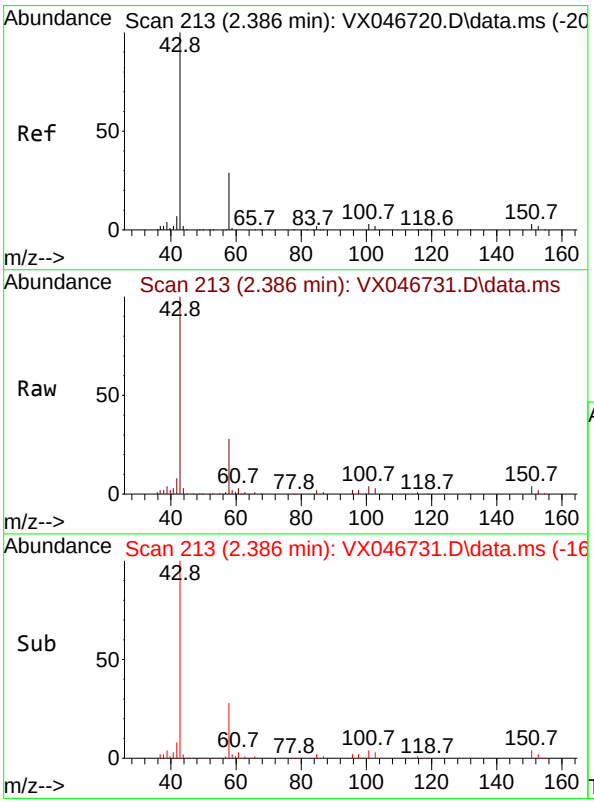
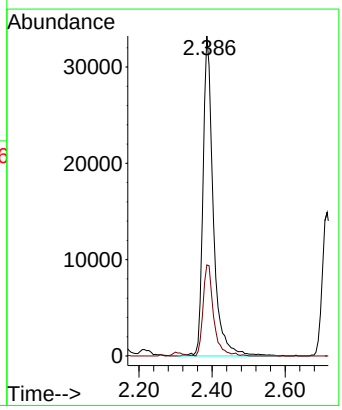
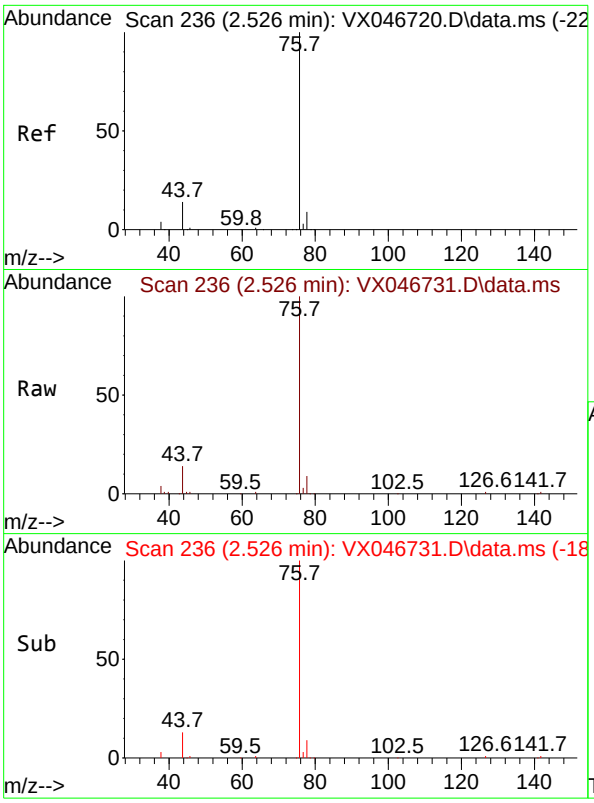


#16
Acetone
Concen: 89.902 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 43 Resp: 64756

Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.5	36.7





#17
Carbon Disulfide
Concen: 17.444 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 76 Resp: 9086

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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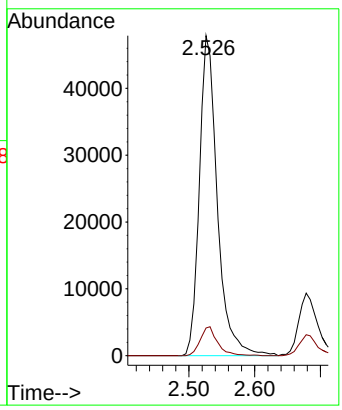
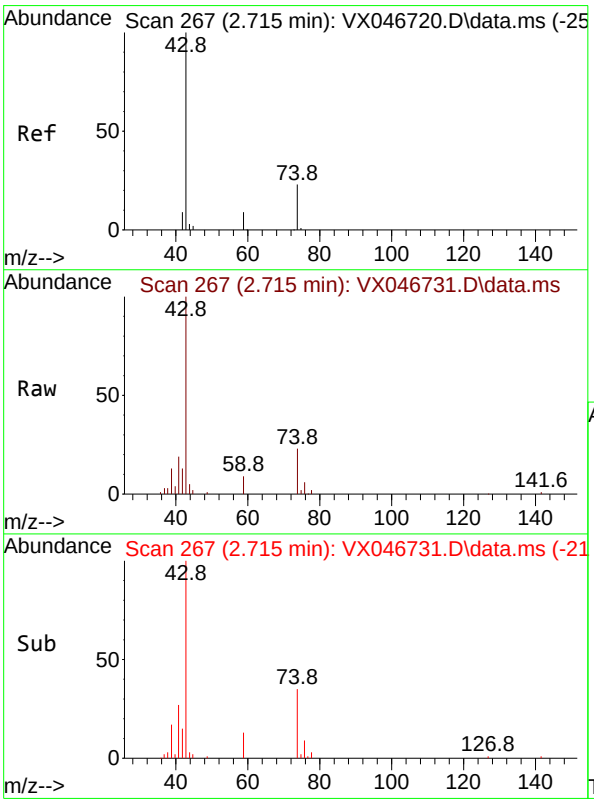
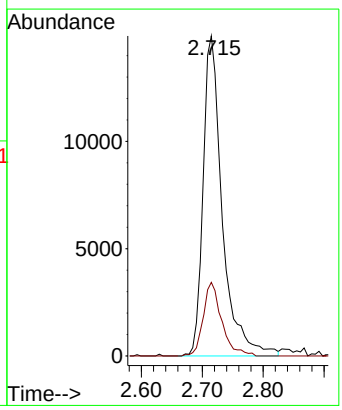


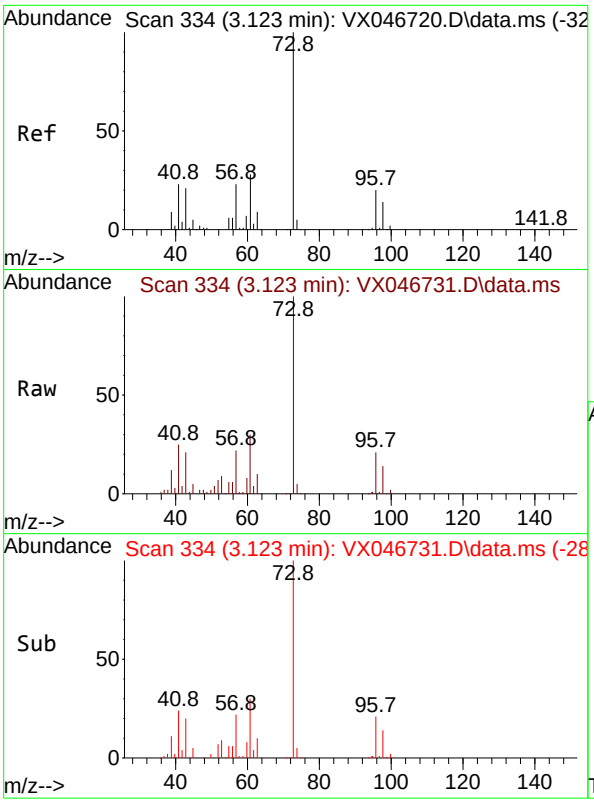


#18
Methyl Acetate
Concen: 17.862 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 43 Resp: 32677

Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.4	27.6





#19
Methyl tert-butyl Ether
Concen: 18.047 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 73 Resp: 9692

Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.2	27.2

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
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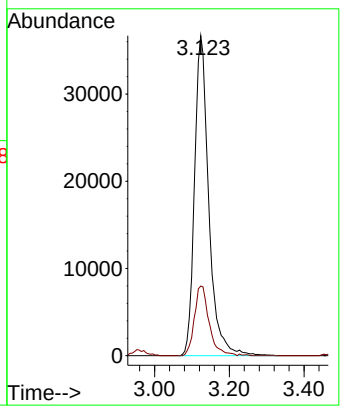
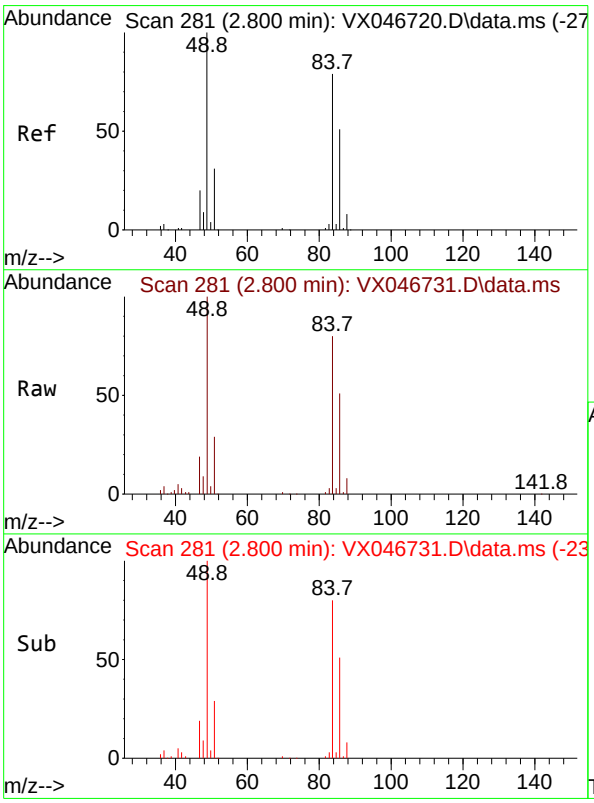
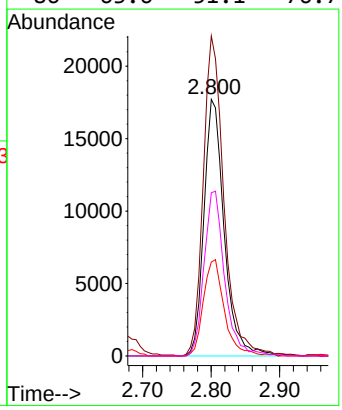


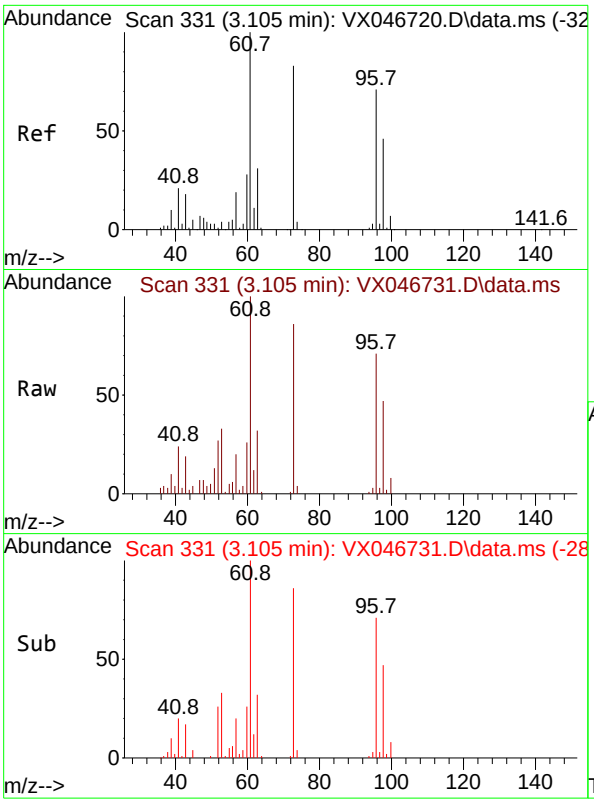


#20
Methylene Chloride
Concen: 18.175 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 84 Resp: 36406

Ion	Ratio	Lower	Upper
84	100		
49	124.7	101.3	151.9
51	36.6	31.0	46.6
86	63.6	51.1	76.7

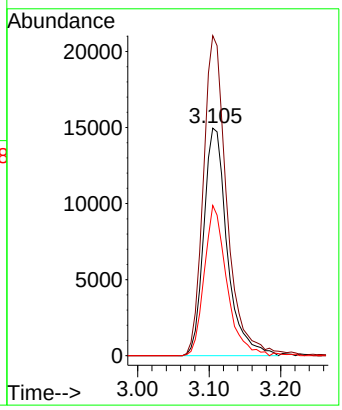




#21
trans-1,2-Dichloroethene
Concen: 18.439 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 96 Resp: 3403

Ion	Ratio	Lower	Upper
96	100		
61	140.7	112.5	168.7
98	68.4	51.9	77.9



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
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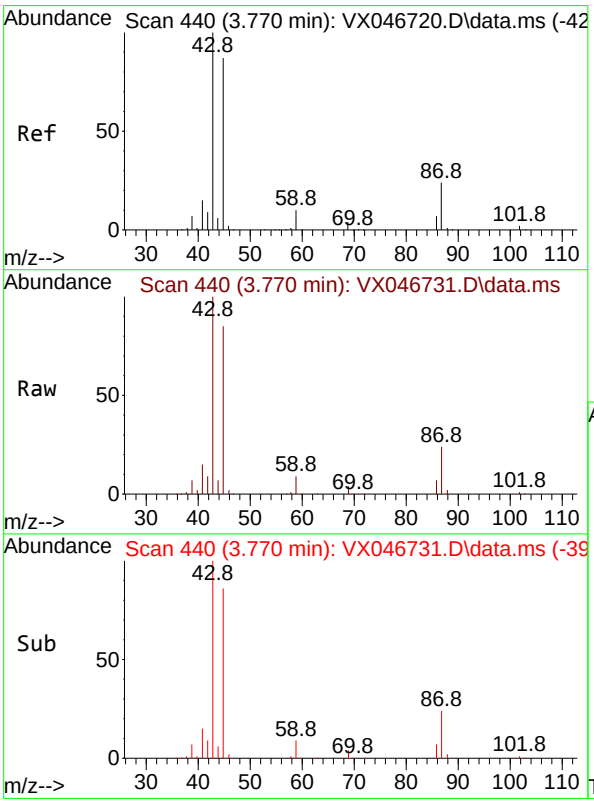
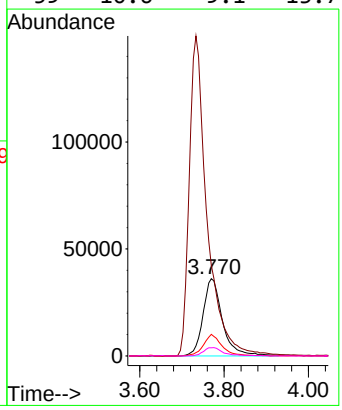
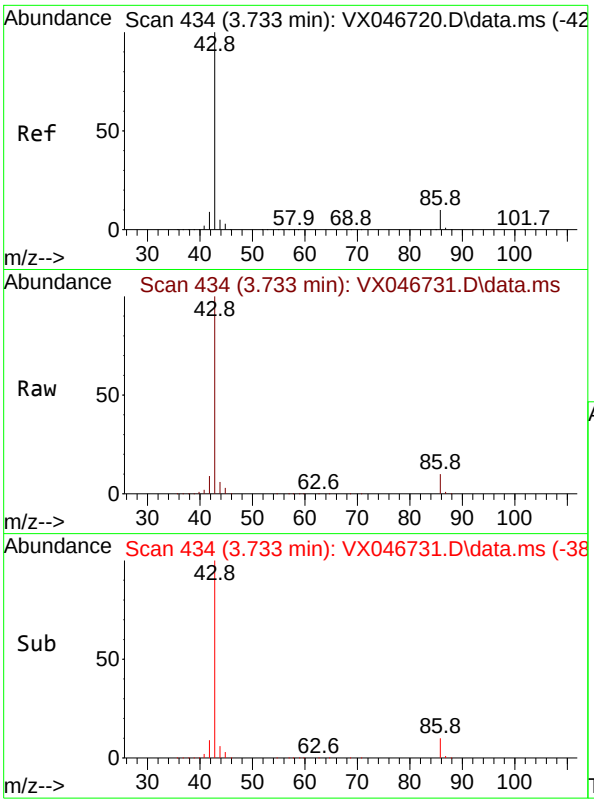


#22
Diisopropyl ether
Concen: 19.302 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 45 Resp: 115948

Ion	Ratio	Lower	Upper
45	100		
43	116.4	91.9	137.9
87	28.0	22.0	33.0
59	10.6	9.1	13.7





#23
Vinyl Acetate
Concen: 92.685 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 43 Resp: 44273

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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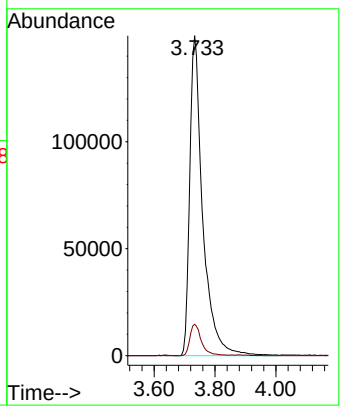
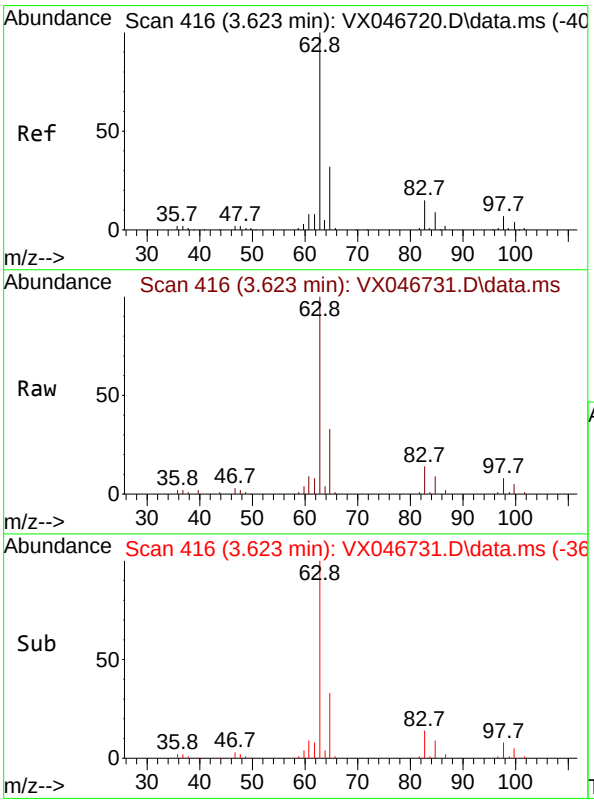
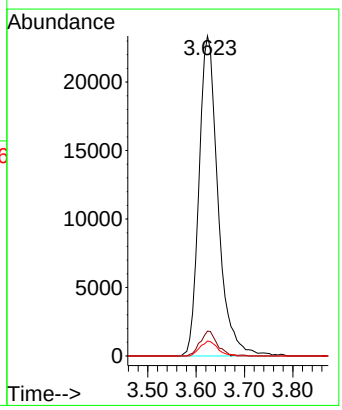


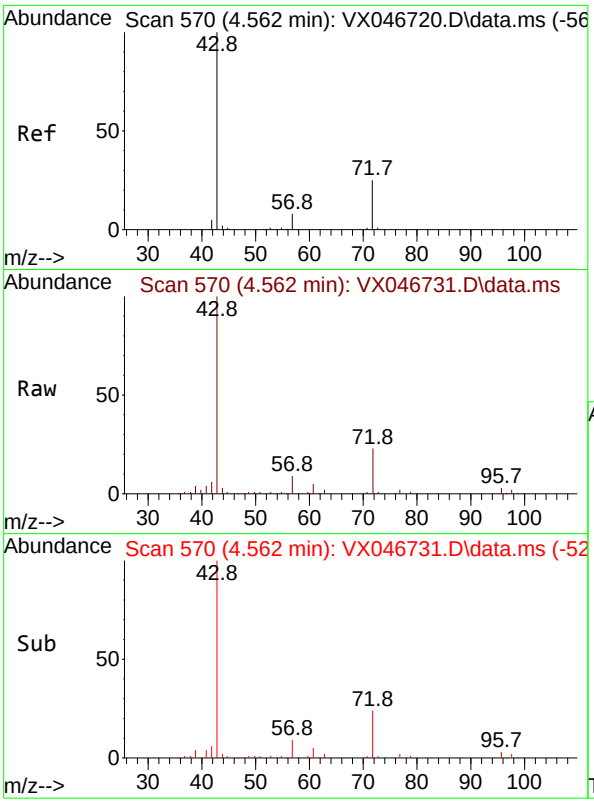


#24
1,1-Dichloroethane
Concen: 18.731 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 63 Resp: 63885

Ion	Ratio	Lower	Upper
63	100		
98	7.8	4.0	11.9
100	4.6	2.2	6.6





#25
2-Butanone
Concen: 89.908 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 43 Resp: 9159

Ion	Ratio	Lower	Upper
43	100		
72	23.0	20.2	30.4

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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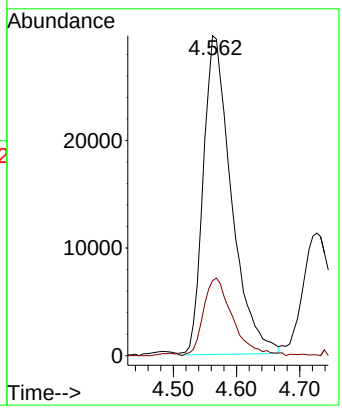
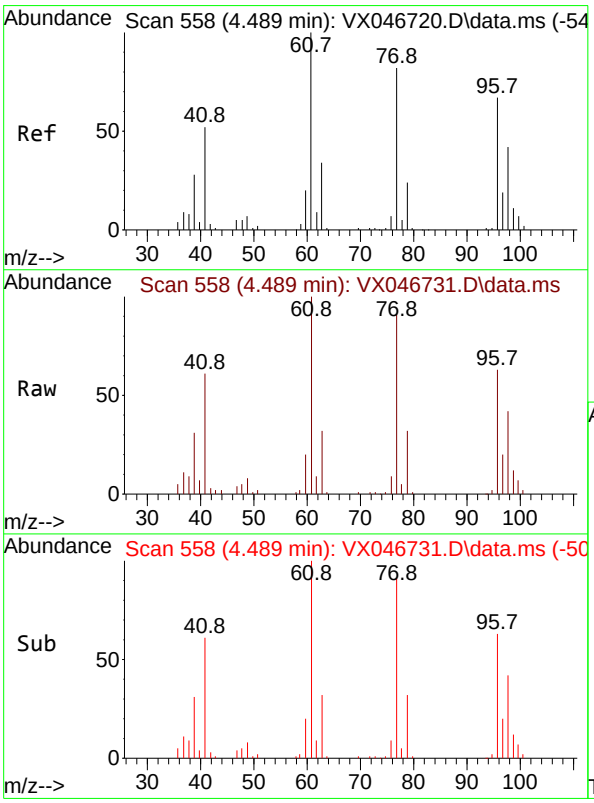
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

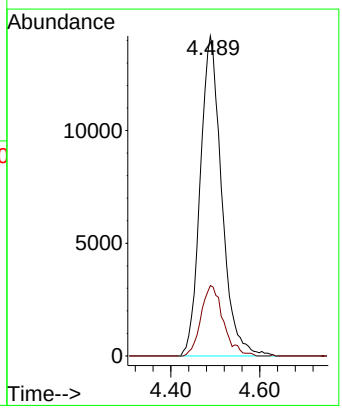


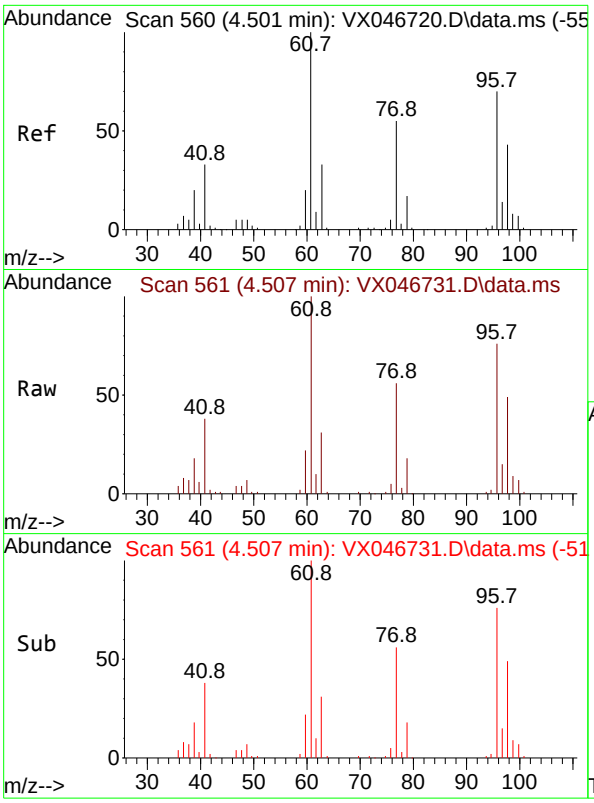


#26
2,2-Dichloropropane
Concen: 19.157 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 77 Resp: 47652

Ion	Ratio	Lower	Upper
77	100		
97	22.9	11.8	35.3





#27
cis-1,2-Dichloroethene
Concen: 18.753 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 96 Resp: 4066

Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	291.0
98	65.1	0.0	126.8

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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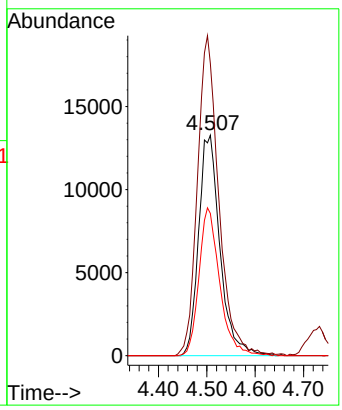
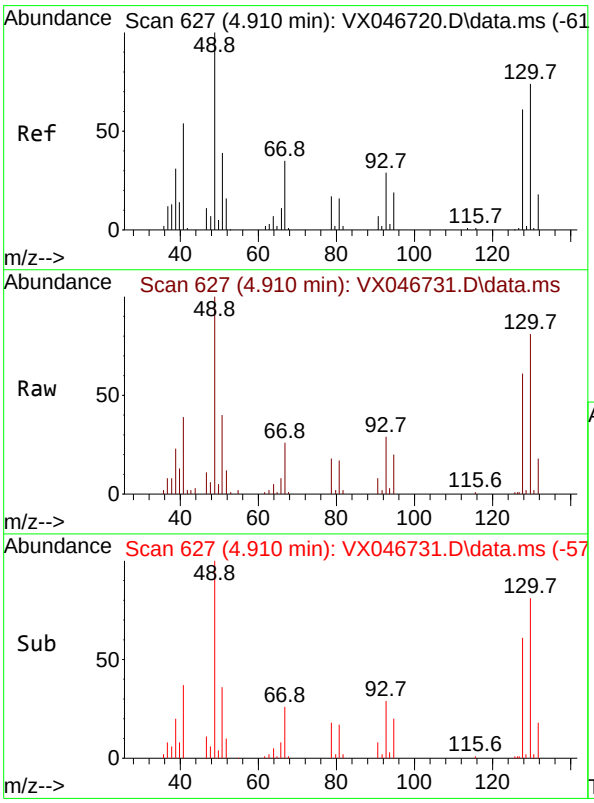
Supervised By :Mahesh Dadoda 06/21/2025

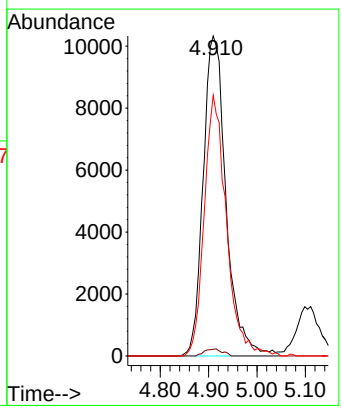


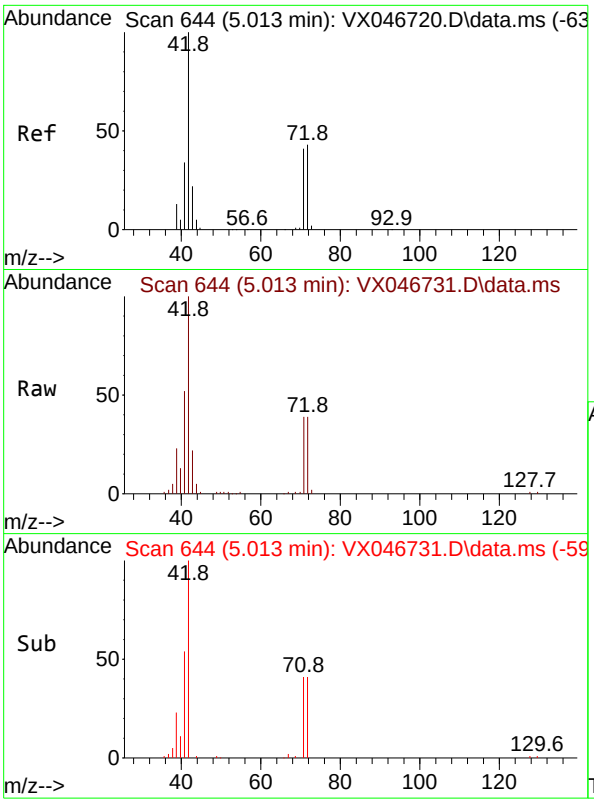


#28
Bromochloromethane
Concen: 21.974 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 49 Resp: 33976

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	78.7	61.4	92.0





#29
Tetrahydrofuran
Concen: 89.743 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 42 Resp: 5905

Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.9	52.3
71	39.7	32.2	48.2

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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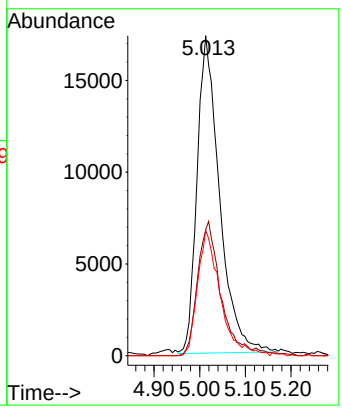
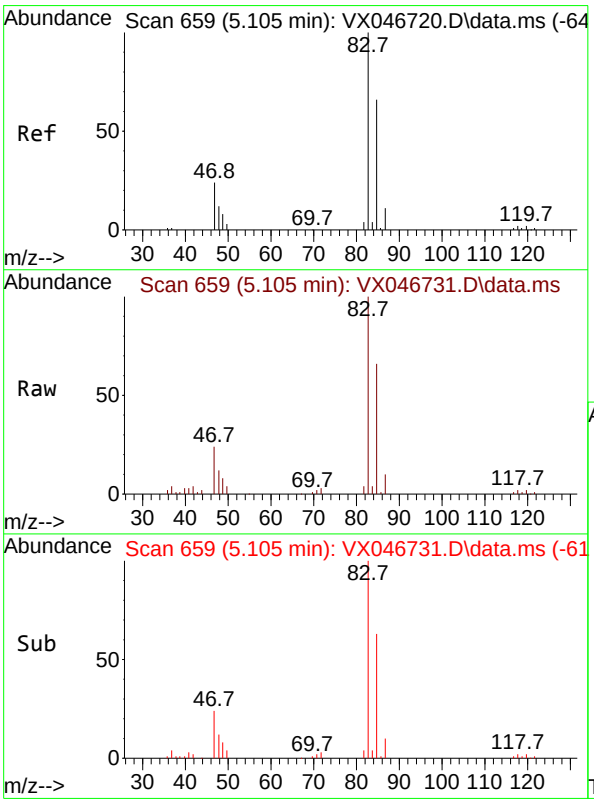
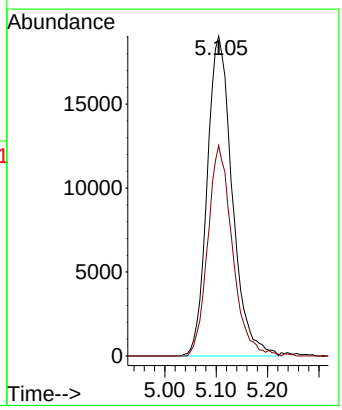


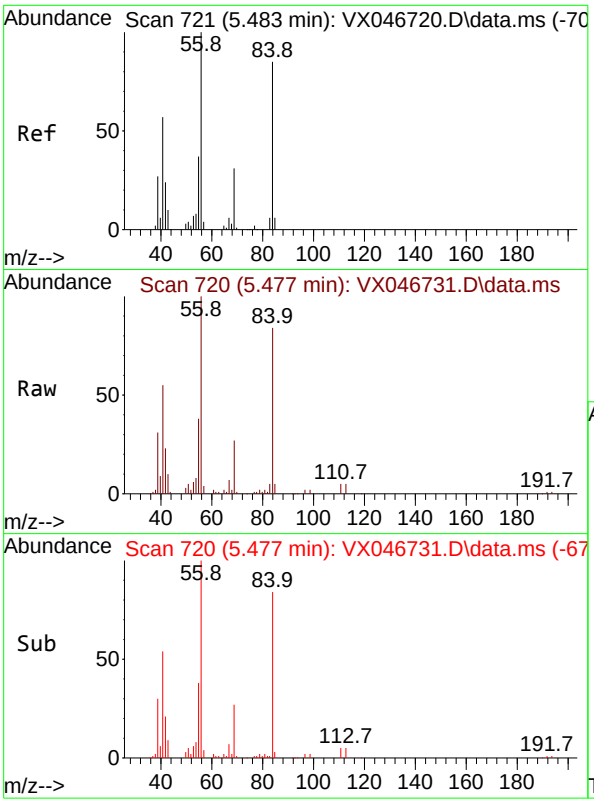


#30
Chloroform
Concen: 18.899 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 83 Resp: 64462

Ion	Ratio	Lower	Upper
83	100		
85	65.8	53.7	80.5





#31
Cyclohexane
Concen: 18.830 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 56 Resp: 6090

Ion	Ratio	Lower	Upper
56	100		
69	26.9	24.8	37.2
84	81.6	68.2	102.2

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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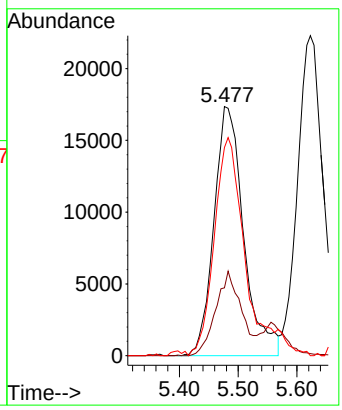
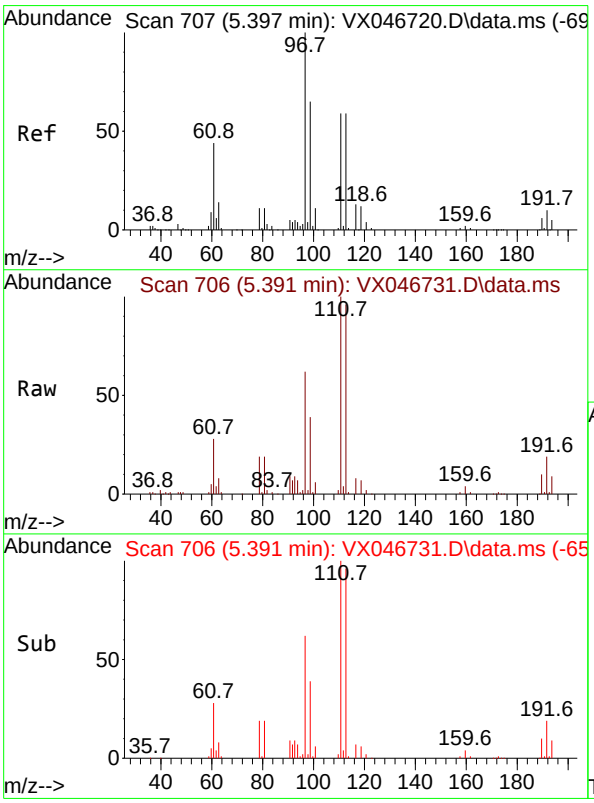
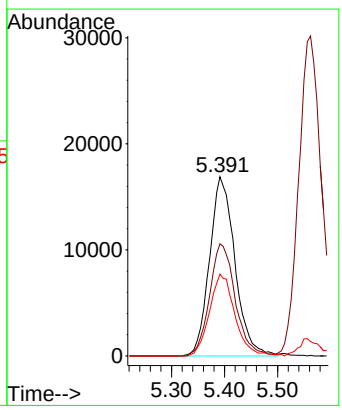


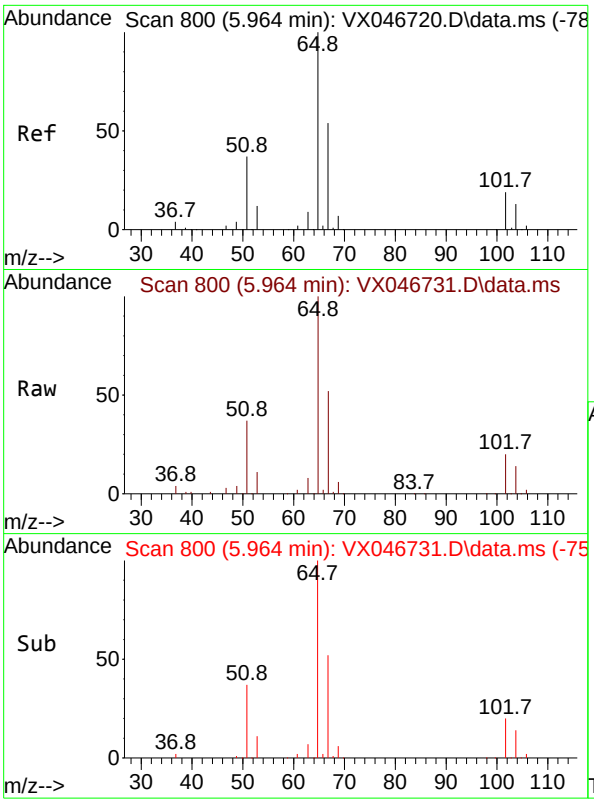


#32
1,1,1-Trichloroethane
Concen: 18.760 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 97 Resp: 56117

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.3	76.9
61	45.7	36.4	54.6

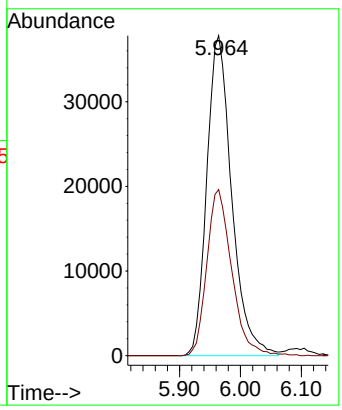




#33
1,2-Dichloroethane-d4
Concen: 49.703 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 65 Resp: 10735

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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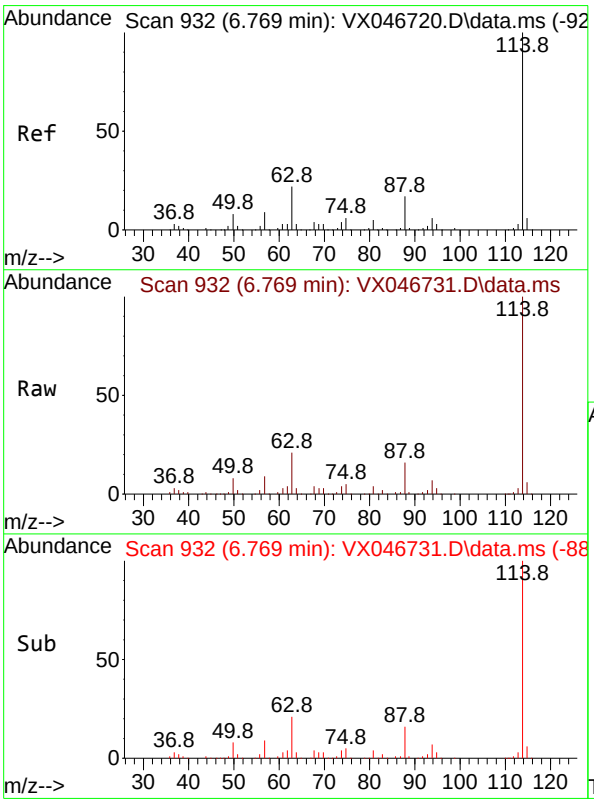
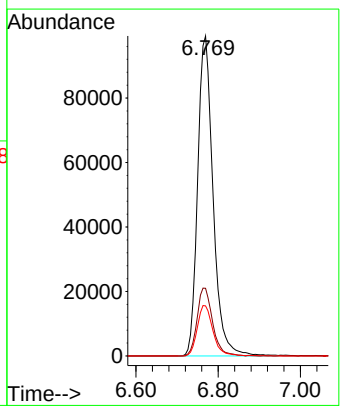
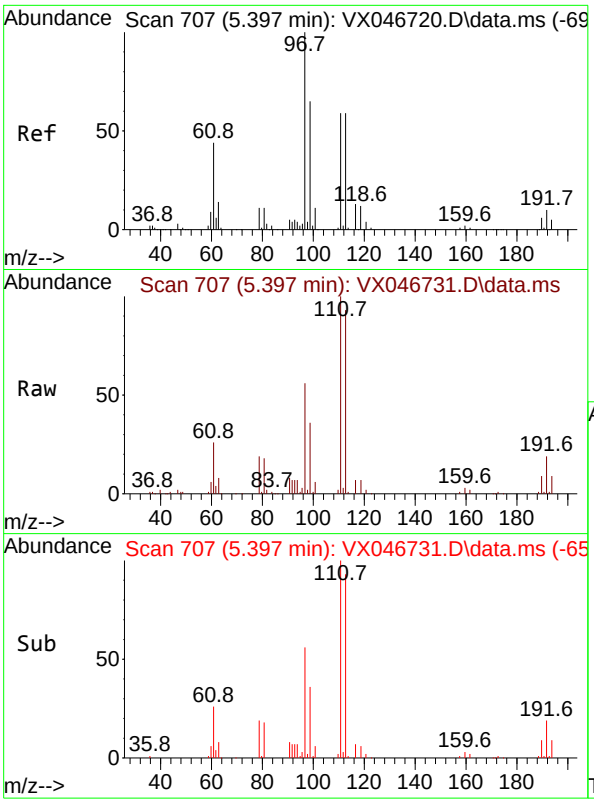


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:114 Resp: 258286

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.2
88	15.6	0.0	33.2

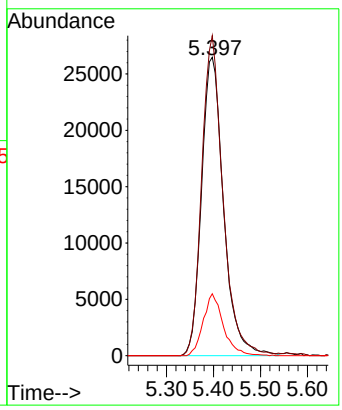




#35
Dibromofluoromethane
Concen: 50.499 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:113 Resp: 8629

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	19.1	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
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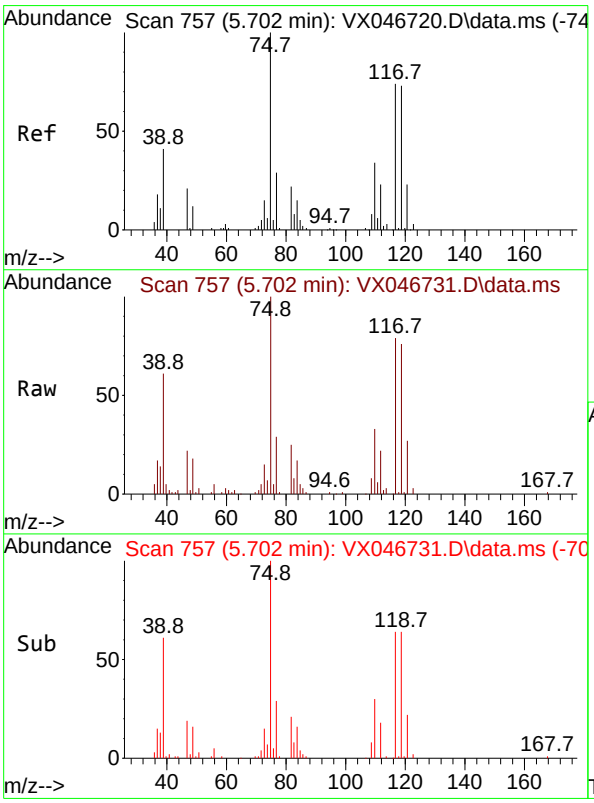
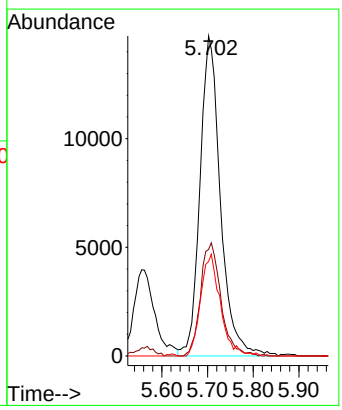
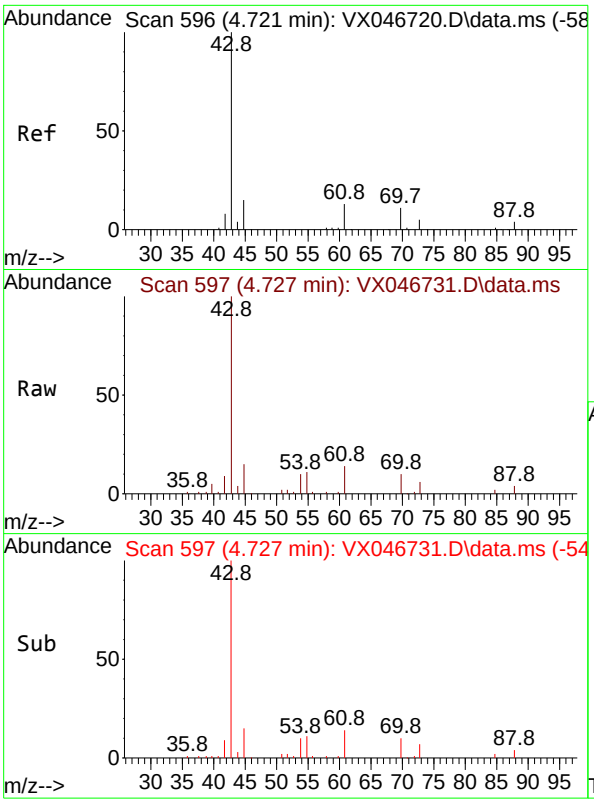


#36
1,1-Dichloropropene
Concen: 18.601 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 75 Resp: 45886

Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.2	51.5
77	30.6	24.2	36.4





#37
Ethyl Acetate
Concen: 16.094 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 43 Resp: 3664

Ion	Ratio	Lower	Upper
43	100		
61	14.9	9.7	14.5
70	10.8	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
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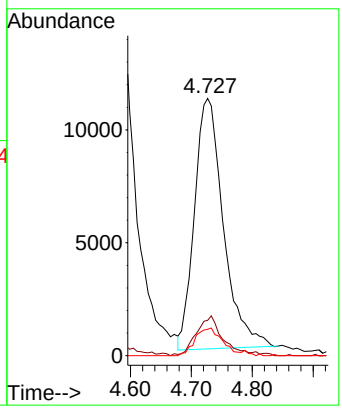
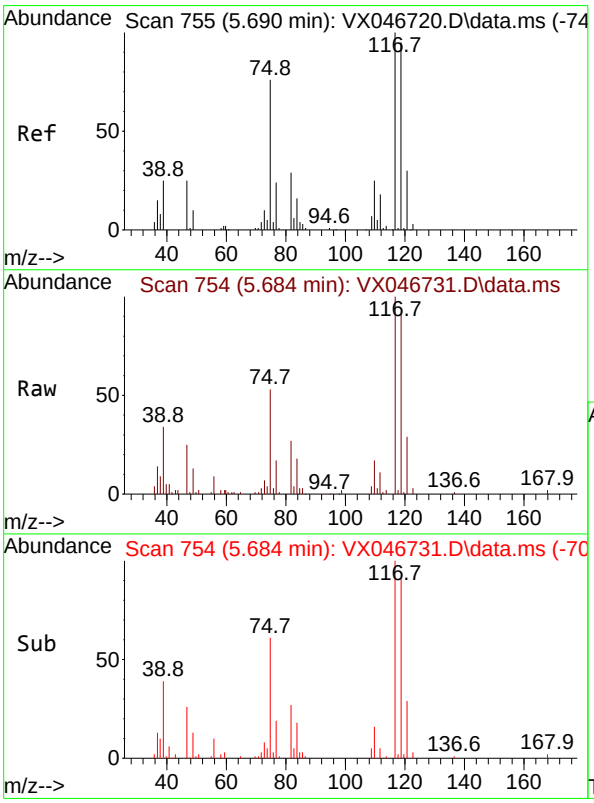
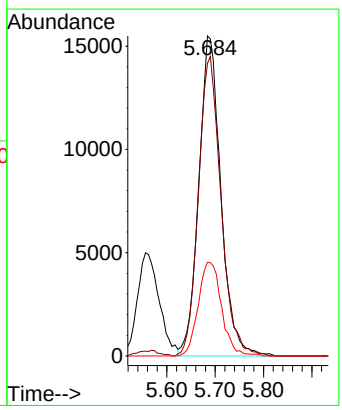


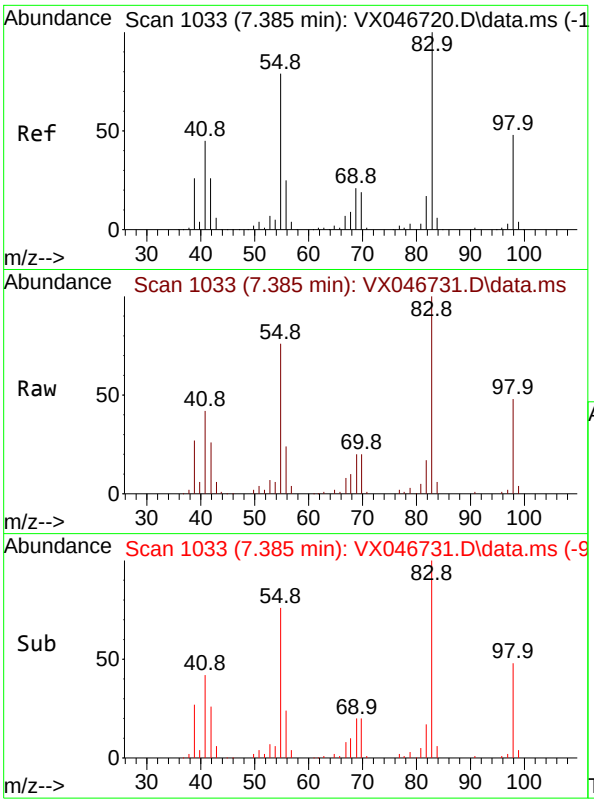


#38
Carbon Tetrachloride
Concen: 18.375 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:117 Resp: 49192

Ion	Ratio	Lower	Upper
117	100		
119	91.4	75.2	112.8
121	29.3	24.1	36.1

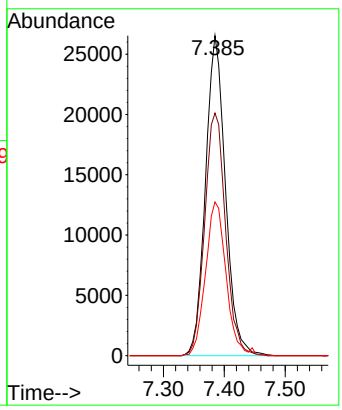




#39
Methylcyclohexane
Concen: 18.628 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 83 Resp: 6047

Ion	Ratio	Lower	Upper
83	100		
55	75.8	63.0	94.4
98	48.1	38.8	58.2



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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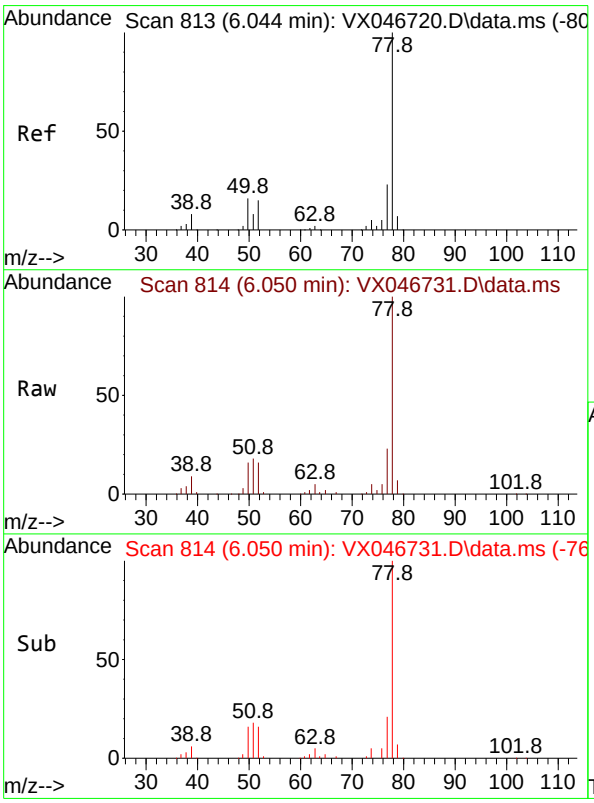
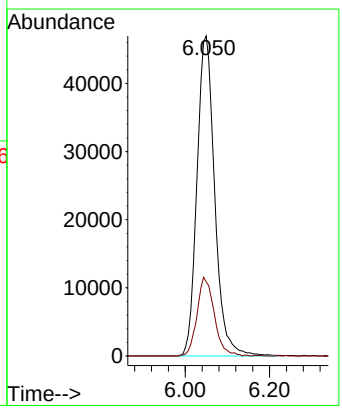
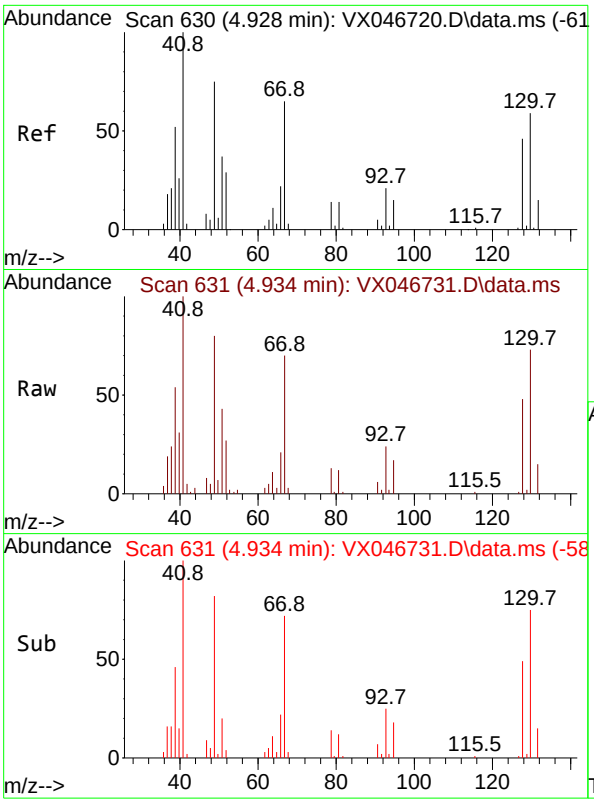


#40
Benzene
Concen: 18.845 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 78 Resp: 137579

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2

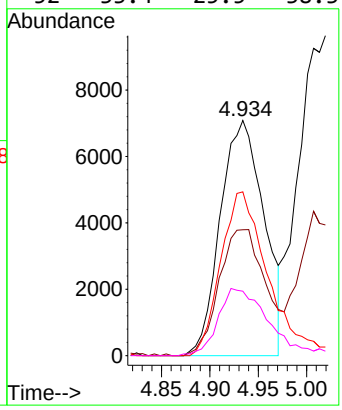




#41
Methacrylonitrile
Concen: 18.378 ug/l
RT: 4.934 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 41 Resp: 2230

Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.9	68.9
67	75.9	61.2	91.8
52	33.4	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
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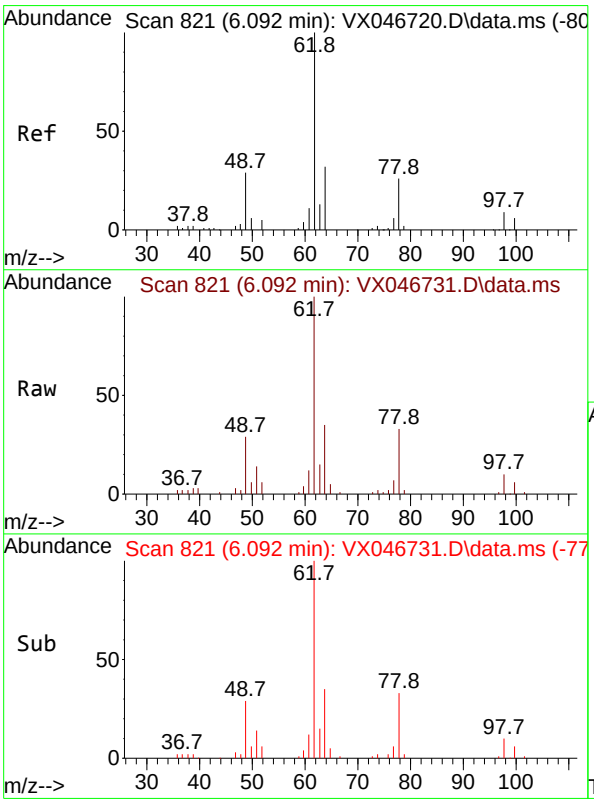
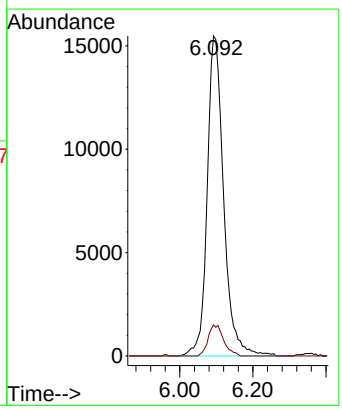
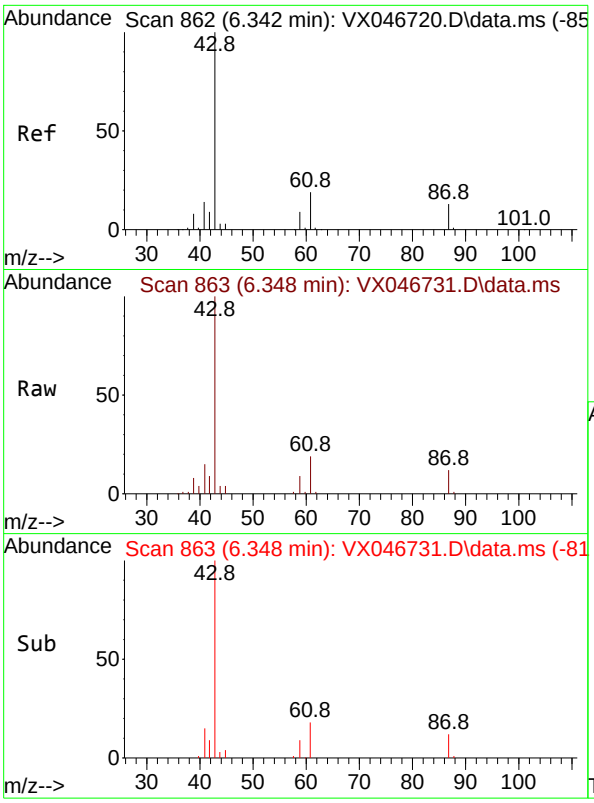


#42
1,2-Dichloroethane
Concen: 18.805 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 62 Resp: 48245

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8

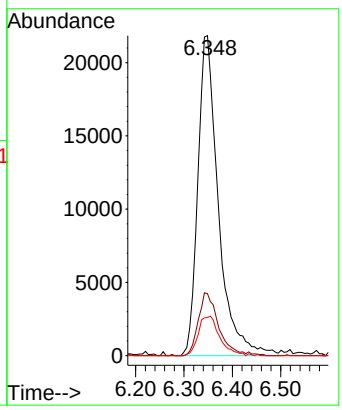




#43
Isopropyl Acetate
Concen: 18.129 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 43 Resp: 6459

Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.3	22.9
87	12.8	10.0	15.0



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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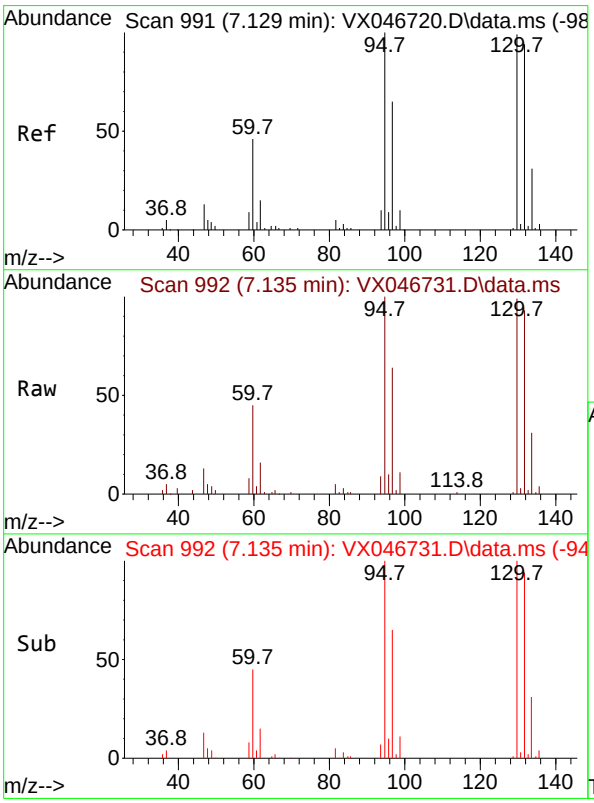
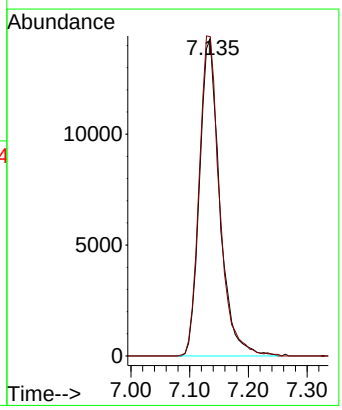
Supervised By :Mahesh Dadoda 06/21/2025

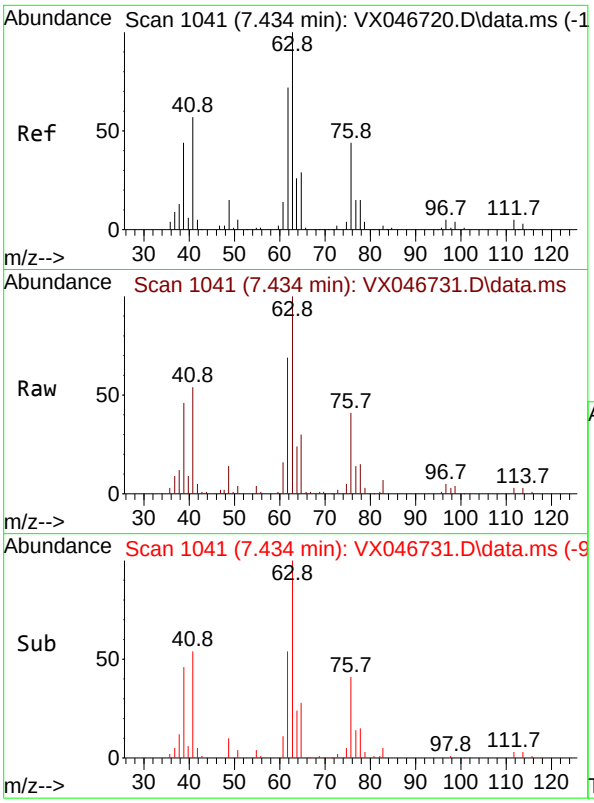


#44
Trichloroethene
Concen: 18.336 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:130 Resp: 34115

Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	202.6





#45
1,2-Dichloropropane
Concen: 18.535 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 63 Resp: 3353

Ion	Ratio	Lower	Upper
63	100		
65	29.5	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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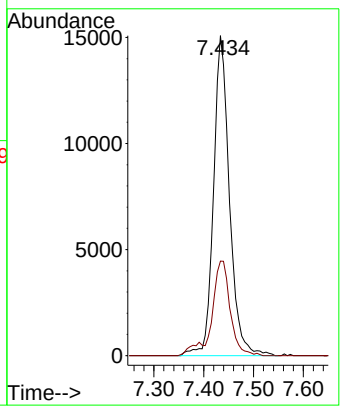
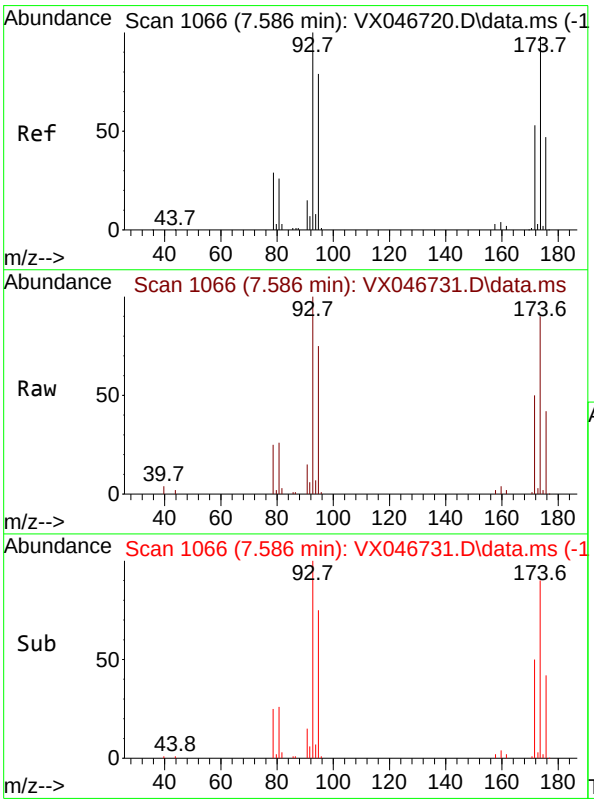
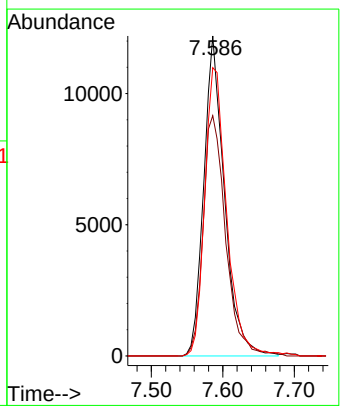


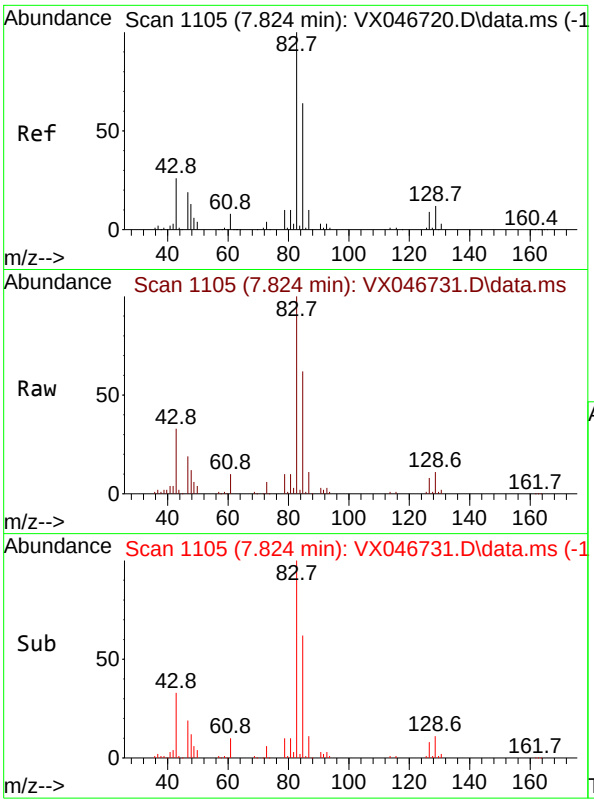


#46
Dibromomethane
Concen: 18.841 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 93 Resp: 24500

Ion	Ratio	Lower	Upper
93	100		
95	81.5	66.2	99.4
174	96.0	77.0	115.6

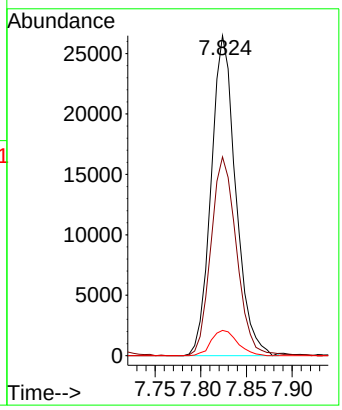




#47
Bromodichloromethane
Concen: 18.694 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 83 Resp: 4960

Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.4	77.2
127	7.9	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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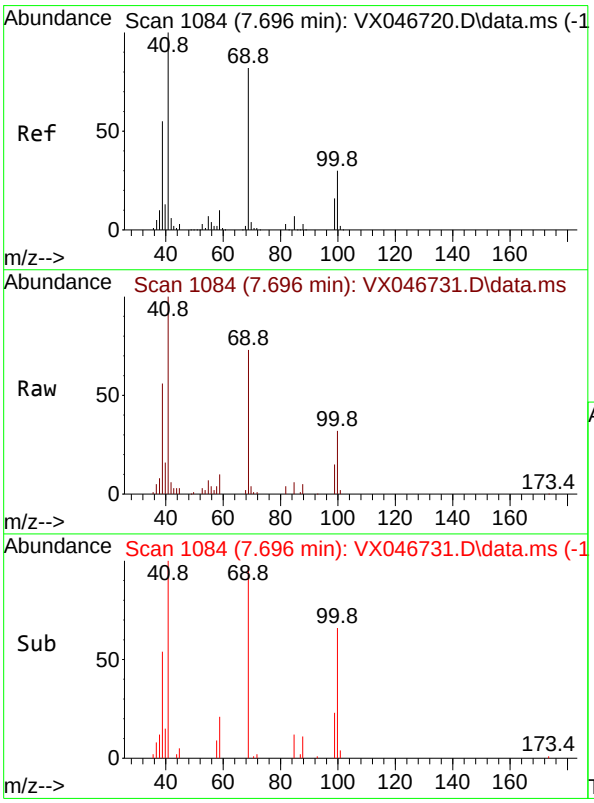
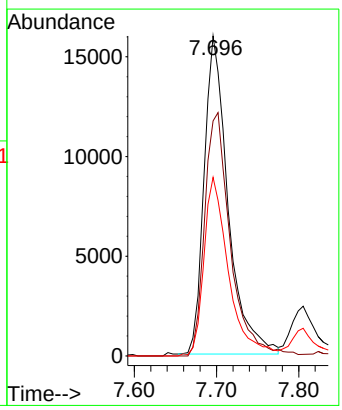
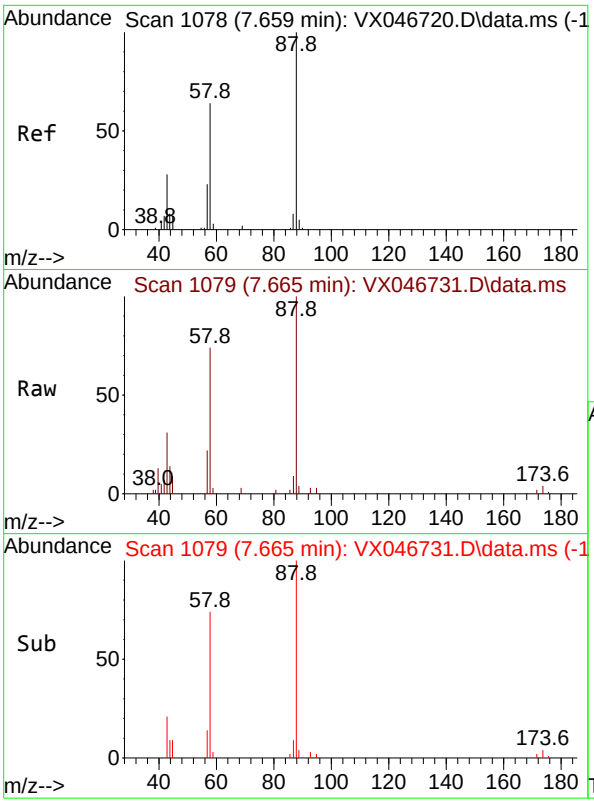


#48
Methyl methacrylate
Concen: 18.122 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 41 Resp: 32385

Ion	Ratio	Lower	Upper
41	100		
69	81.8	63.4	95.2
39	57.5	45.4	68.0





#49
1,4-Dioxane
Concen: 335.186 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 88 Resp: 821

Ion	Ratio	Lower	Upper
88	100		
43	41.6	31.2	46.8
58	76.6	54.7	82.1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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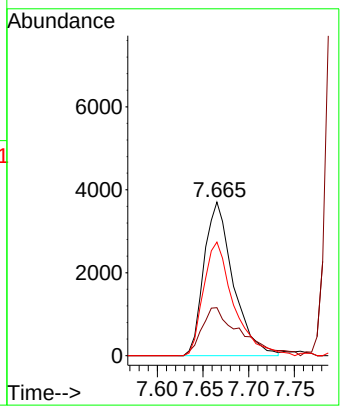
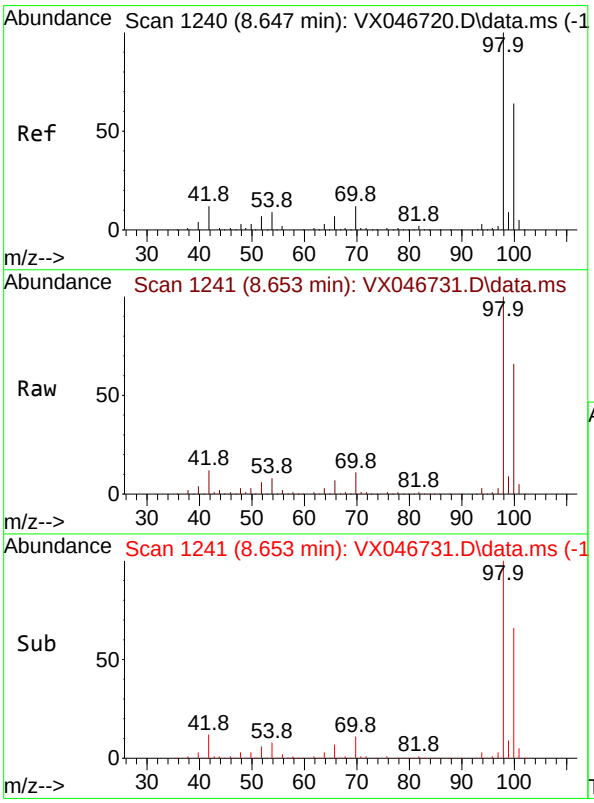
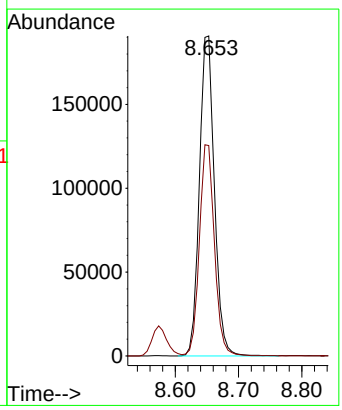


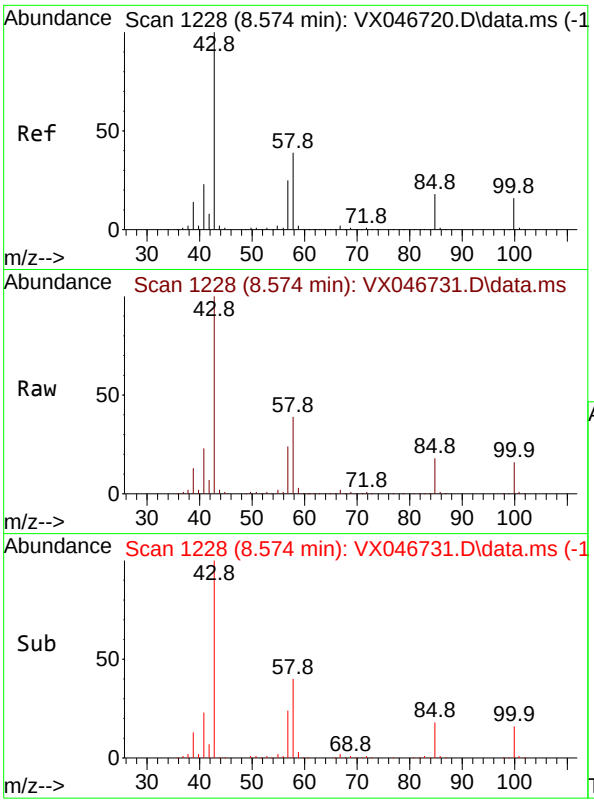


#50
Toluene-d8
Concen: 51.335 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 98 Resp: 315181

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

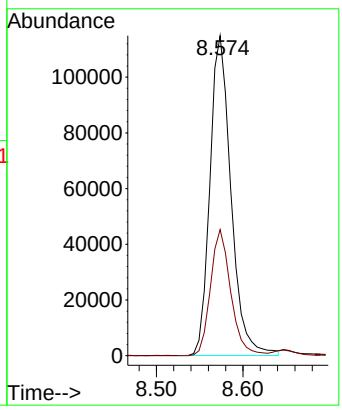




#51
4-Methyl-2-Pentanone
Concen: 91.344 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 43 Resp: 19411

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.8	46.2



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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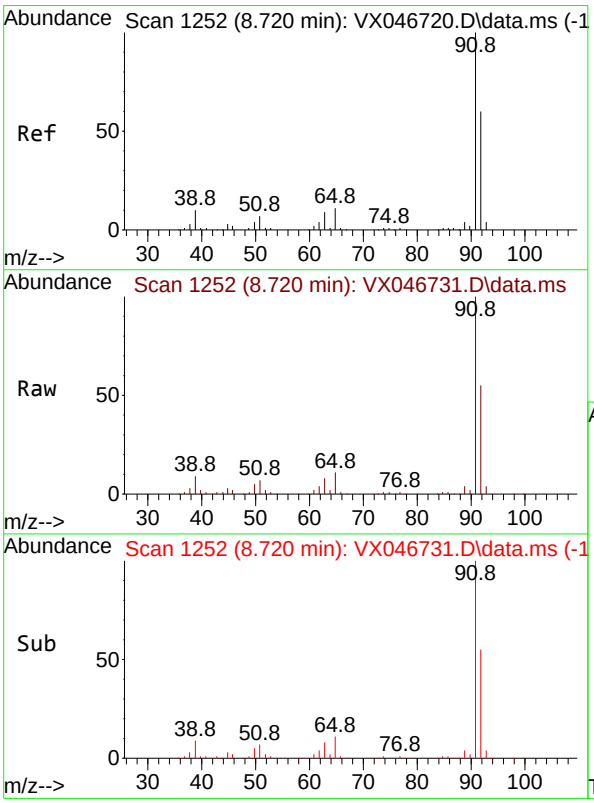
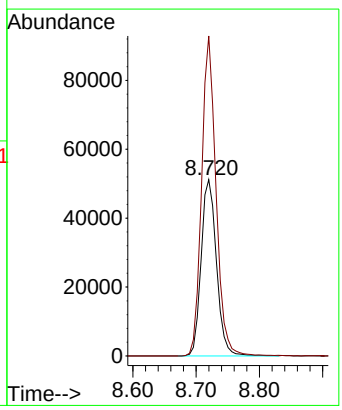
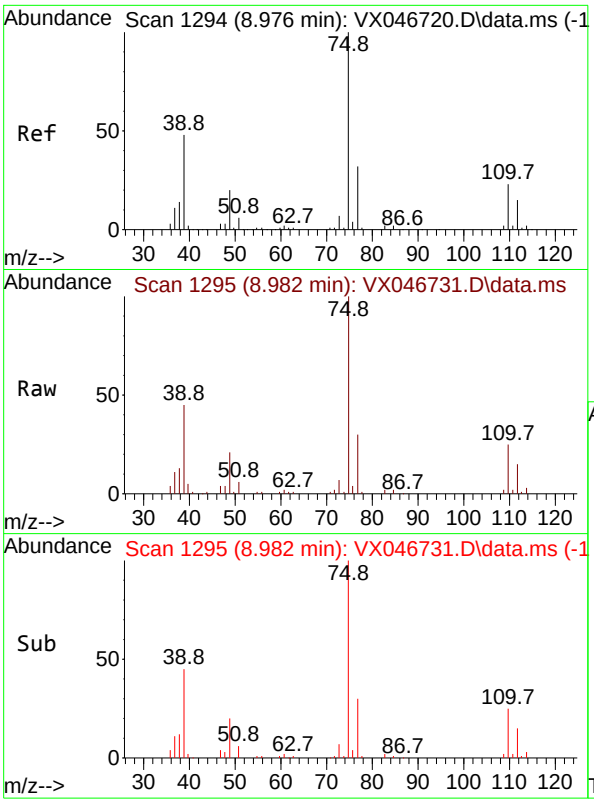


#52
Toluene
Concen: 19.090 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 92 Resp: 86400

Ion	Ratio	Lower	Upper
92	100		
91	171.2	134.8	202.2

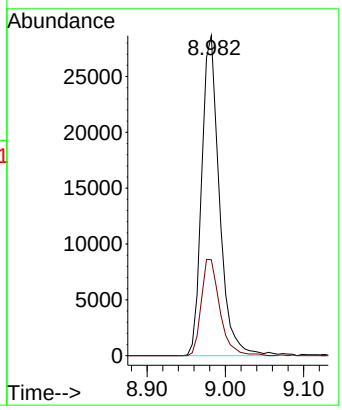




#53
t-1,3-Dichloropropene
Concen: 18.263 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 75 Resp: 4496

Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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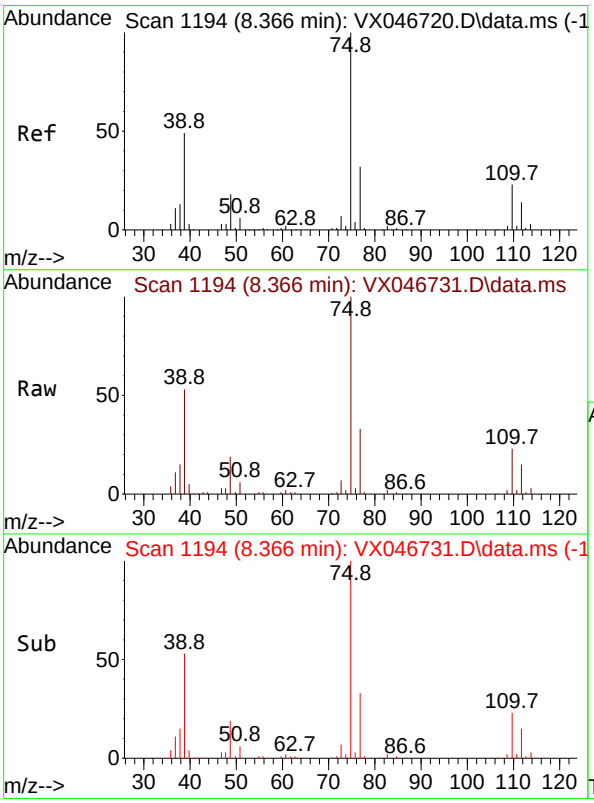
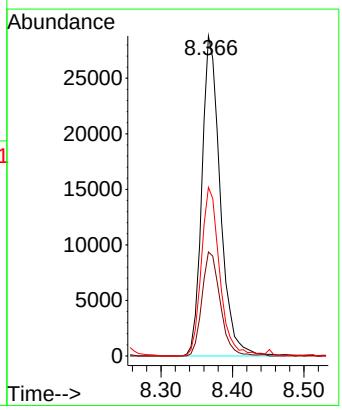
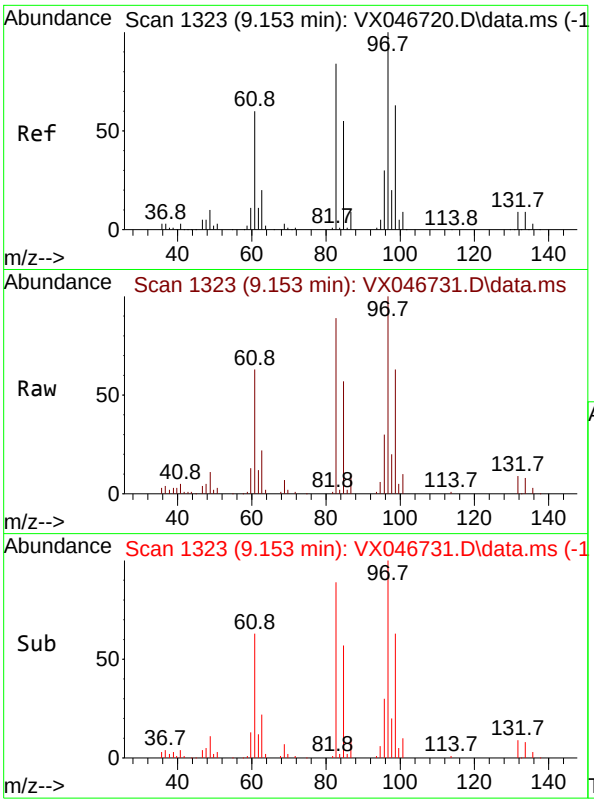


#54
cis-1,3-Dichloropropene
Concen: 18.372 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 75 Resp: 51349

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.3	37.9
39	52.7	39.2	58.8

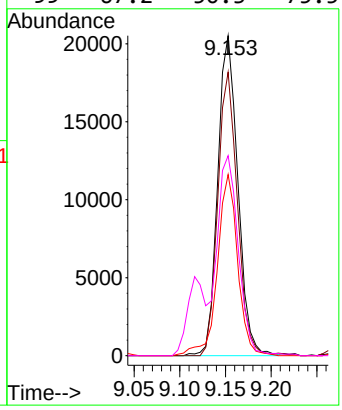




#55
1,1,2-Trichloroethane
Concen: 18.674 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 97 Resp: 3149

Ion	Ratio	Lower	Upper
97	100		
83	88.6	67.2	100.8
85	56.6	44.1	66.1
99	67.2	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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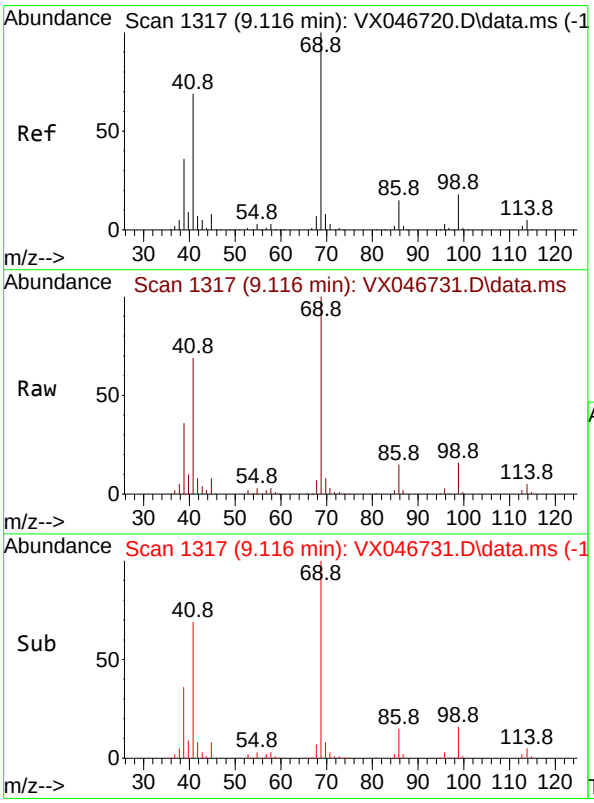
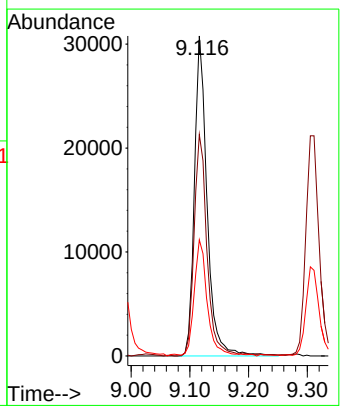
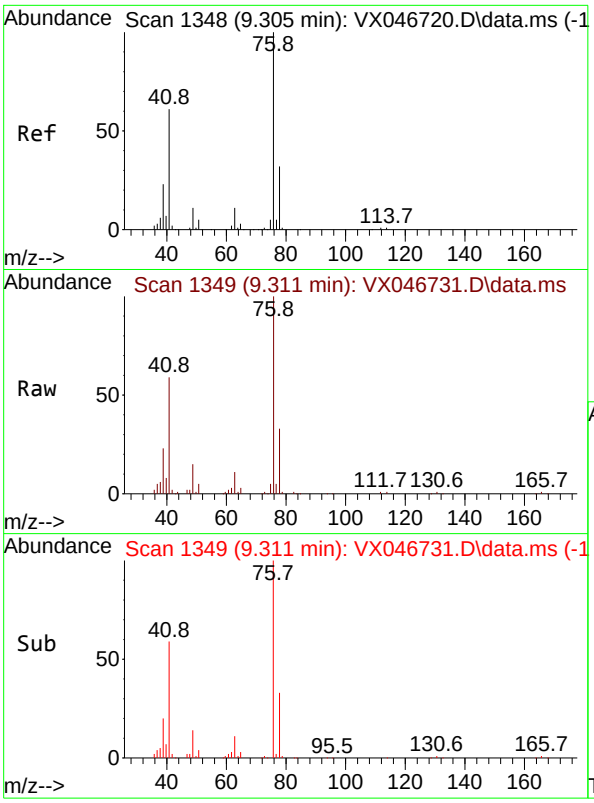


#56
Ethyl methacrylate
Concen: 18.500 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 69 Resp: 46060

Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.4	83.2
39	37.7	29.7	44.5





#57
1,3-Dichloropropane
Concen: 18.853 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 76 Resp: 5475

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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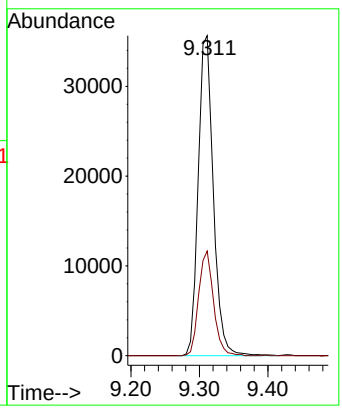
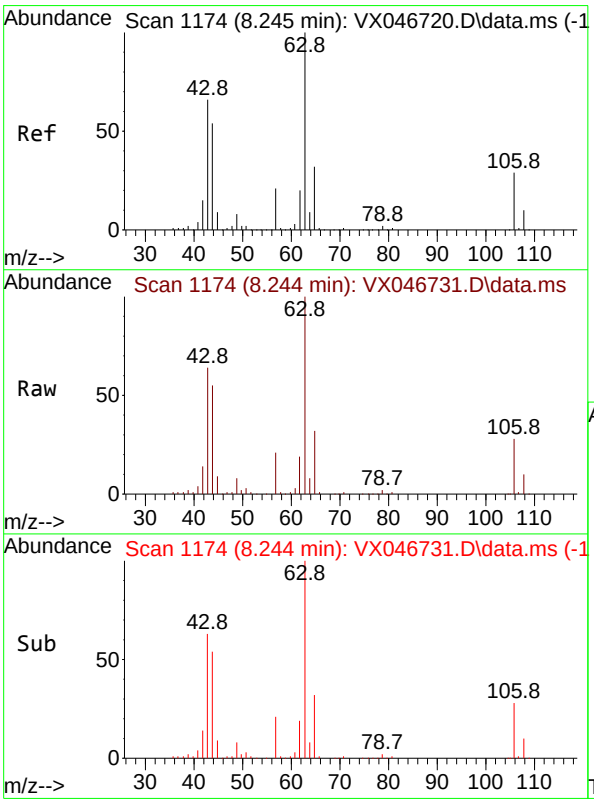
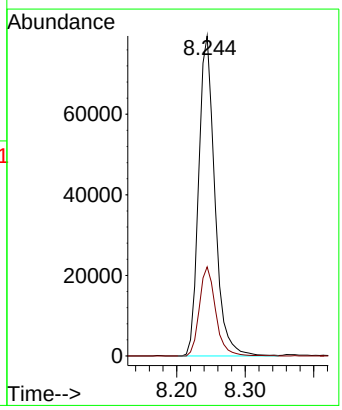


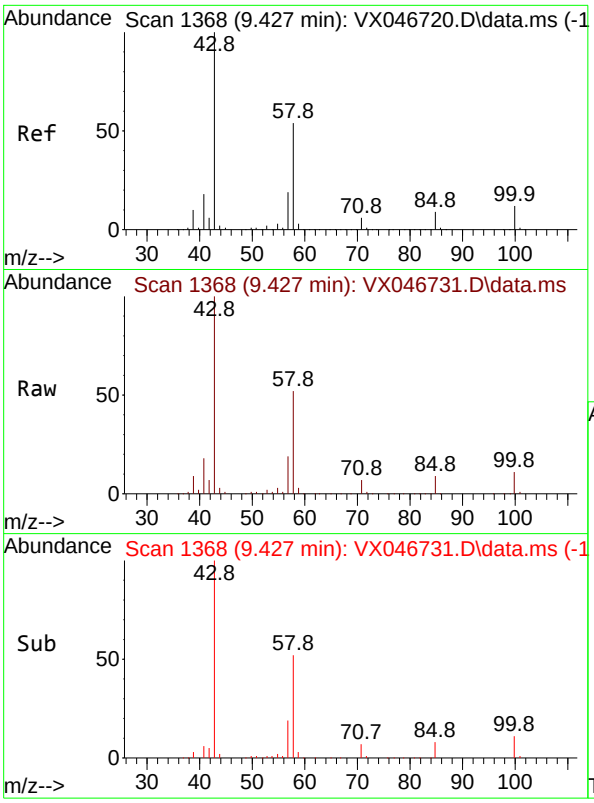


#58
2-Chloroethyl Vinyl ether
Concen: 100.816 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 63 Resp: 130389

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.6	34.0





#59
2-Hexanone
Concen: 92.207 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 43 Resp: 13546

Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.8	80.4

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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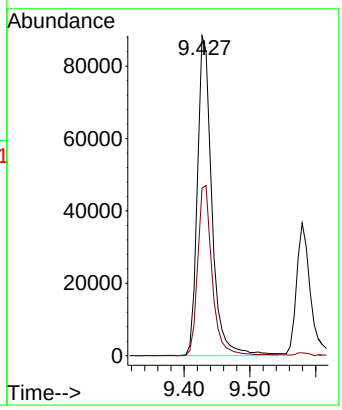
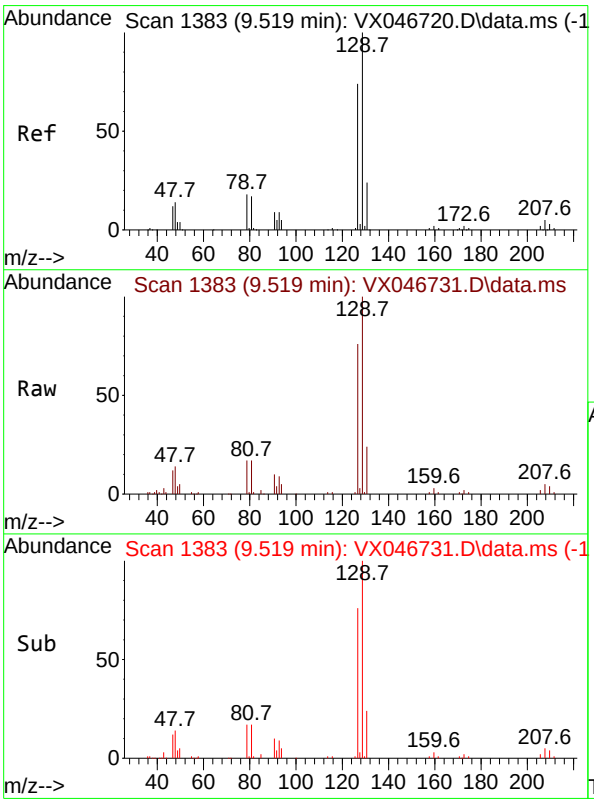
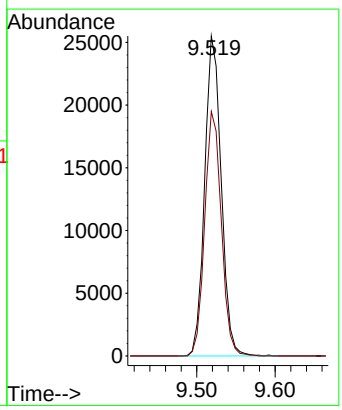


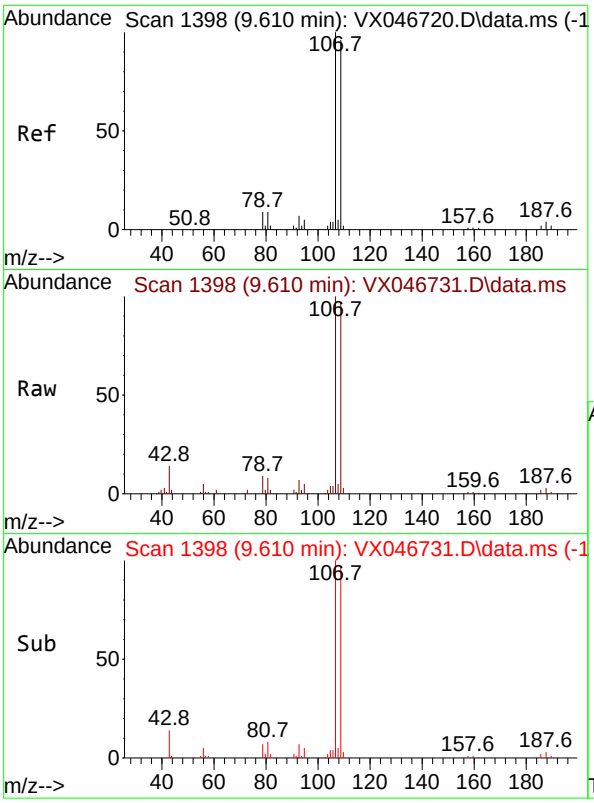


#60
Dibromochloromethane
Concen: 18.767 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:129 Resp: 37303

Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.4	115.2





#61
1,2-Dibromoethane
Concen: 19.131 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:107 Resp: 3282

Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.8	113.6

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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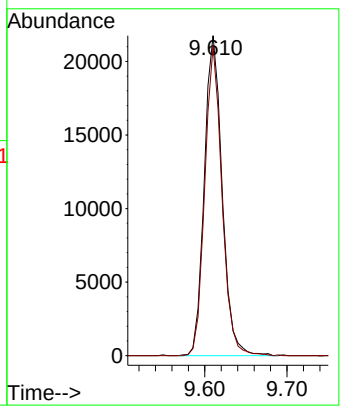
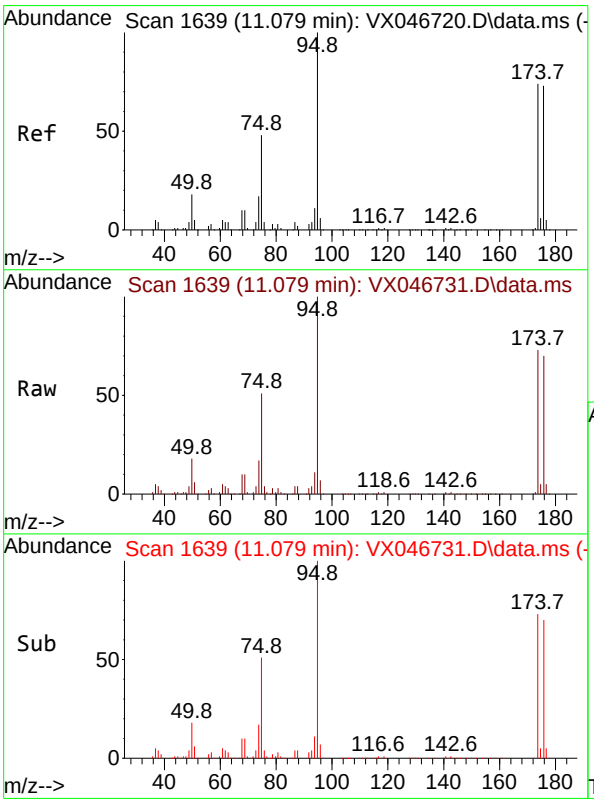
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

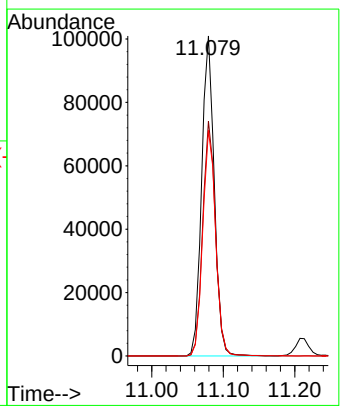


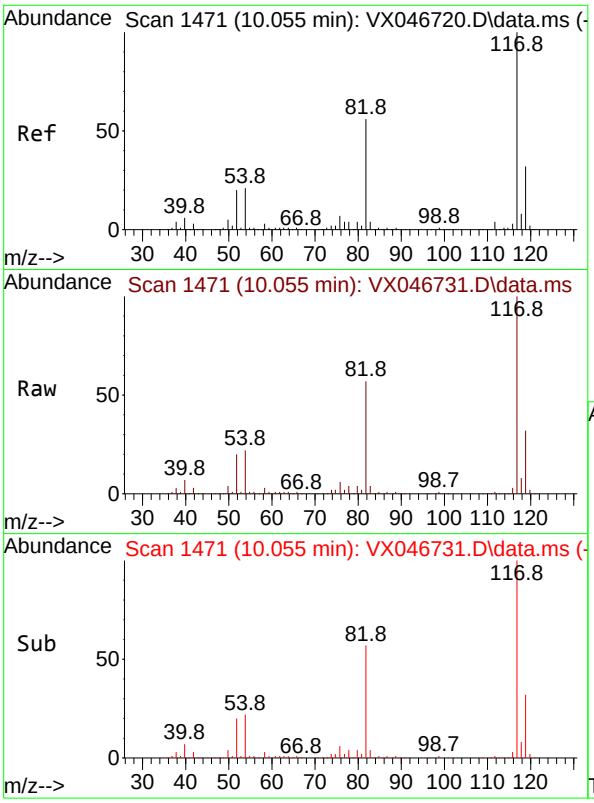


#62
4-Bromofluorobenzene
Concen: 53.877 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 95 Resp: 123307

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	150.4
176	72.3	0.0	145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:117 Resp: 23403

Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.6	66.8
119	32.0	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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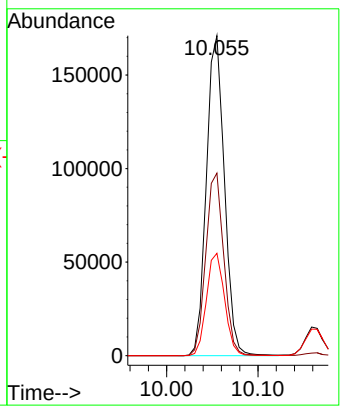
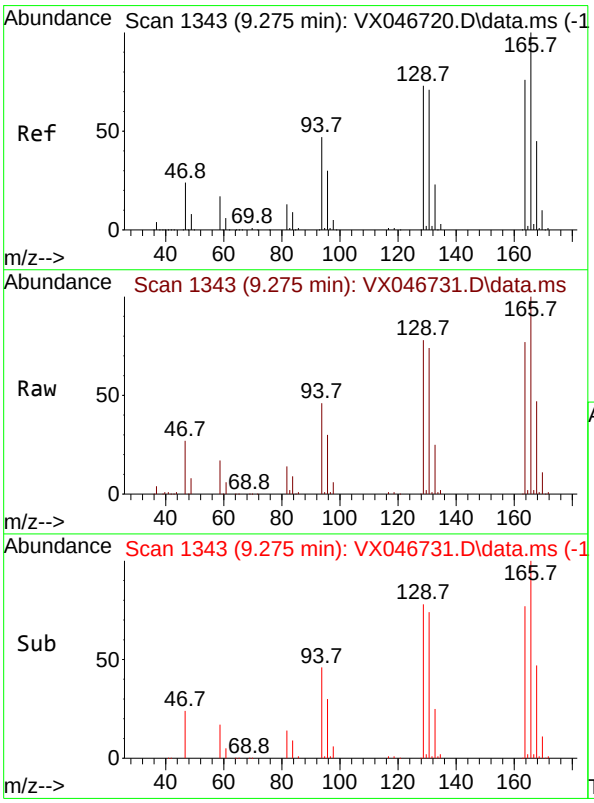
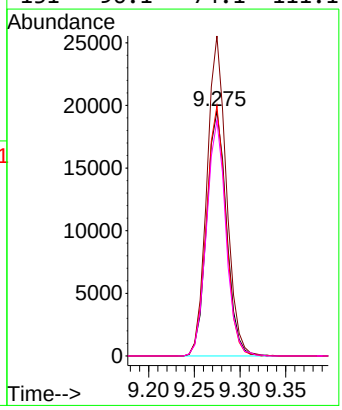


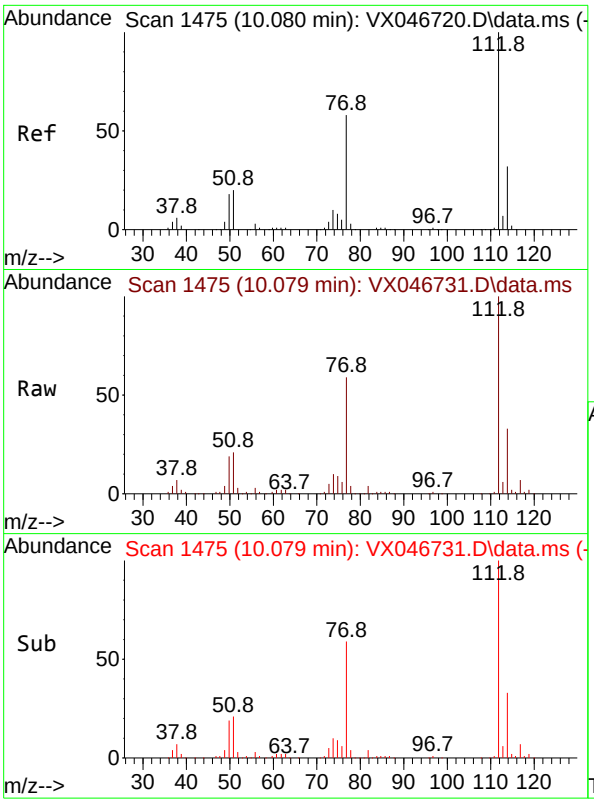


#64
Tetrachloroethene
Concen: 18.146 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:164 Resp: 29423

Ion	Ratio	Lower	Upper
164	100		
166	130.7	104.6	157.0
129	102.0	76.3	114.5
131	96.1	74.1	111.1





#65
Chlorobenzene
Concen: 18.339 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:112 Resp: 9474

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.5	38.3

Instrument :
MSVOA_X
ClientSampleId :
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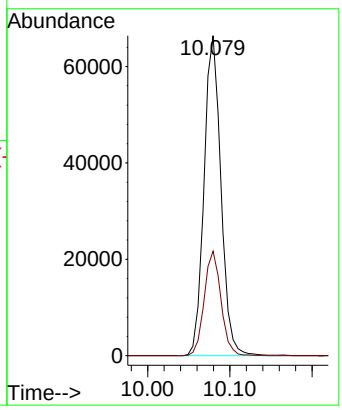
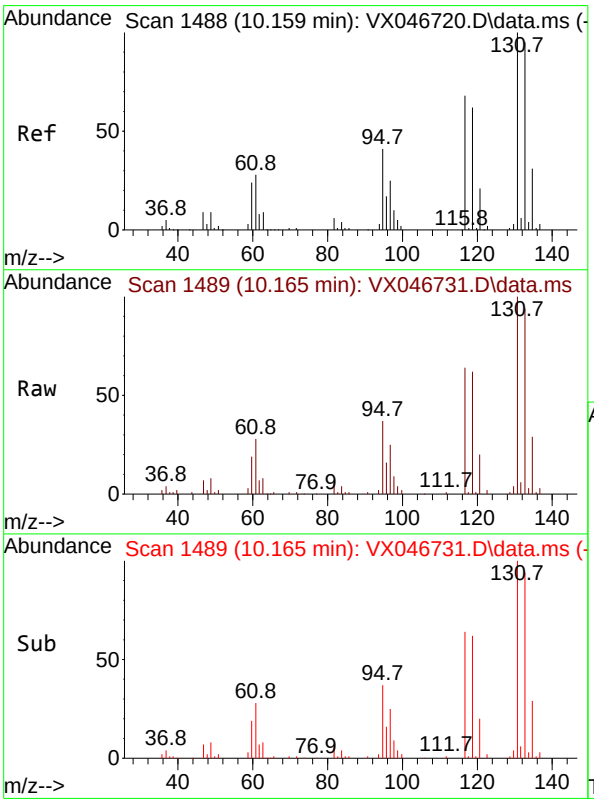
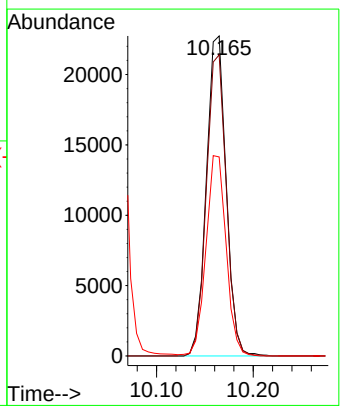


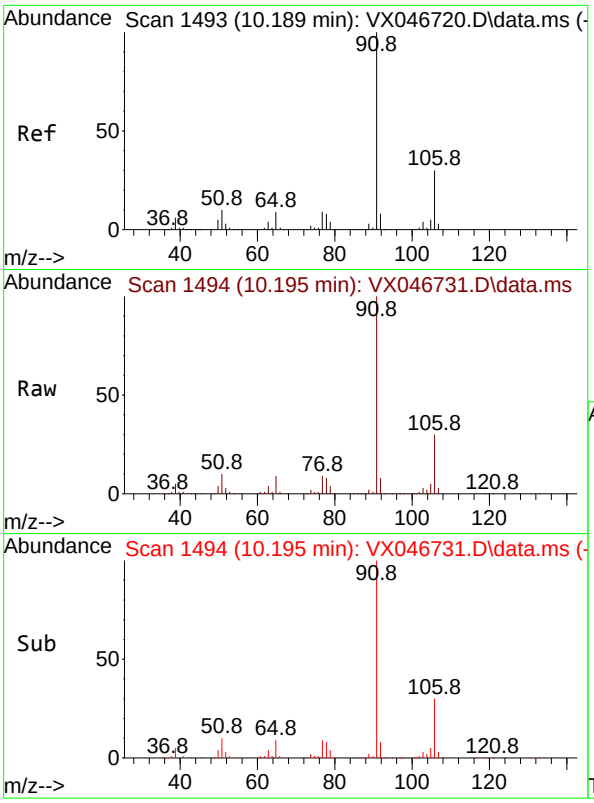


#66
1,1,1,2-Tetrachloroethane
Concen: 18.632 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:131 Resp: 32350

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.3	141.8
119	64.0	32.1	96.3





#67
Ethyl Benzene
Concen: 18.304 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 91 Resp: 16522

Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.2	36.2

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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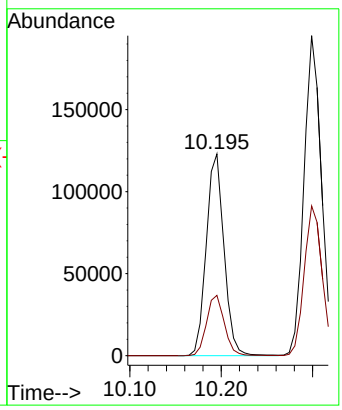
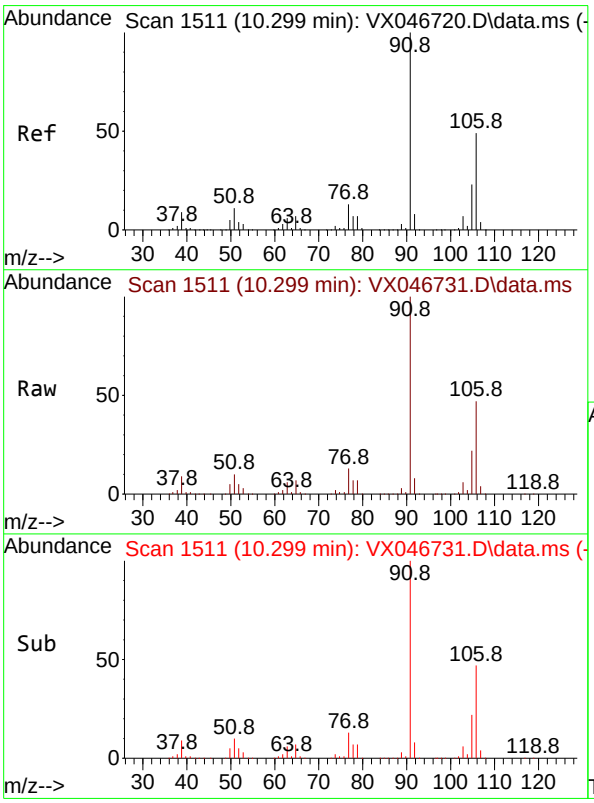
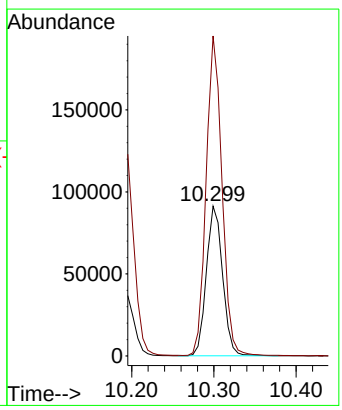


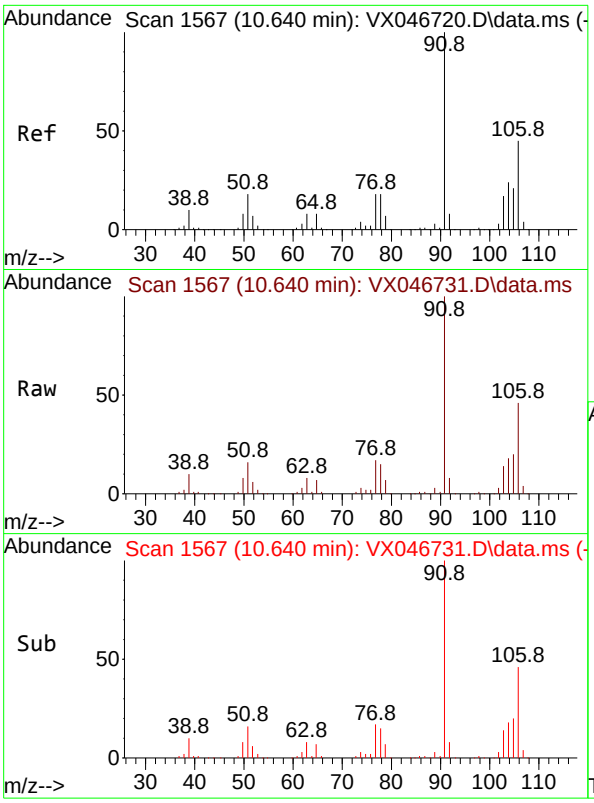


#68
m/p-Xylenes
Concen: 37.239 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:106 Resp: 125249

Ion	Ratio	Lower	Upper
106	100		
91	208.8	164.8	247.2

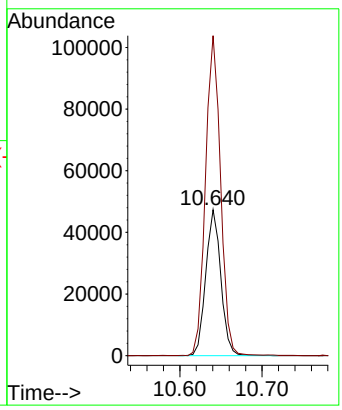




#69
o-Xylene
Concen: 19.136 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:106 Resp: 6031

Ion	Ratio	Lower	Upper
106	100		
91	218.5	111.3	333.9



Instrument :
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ClientSampleId :
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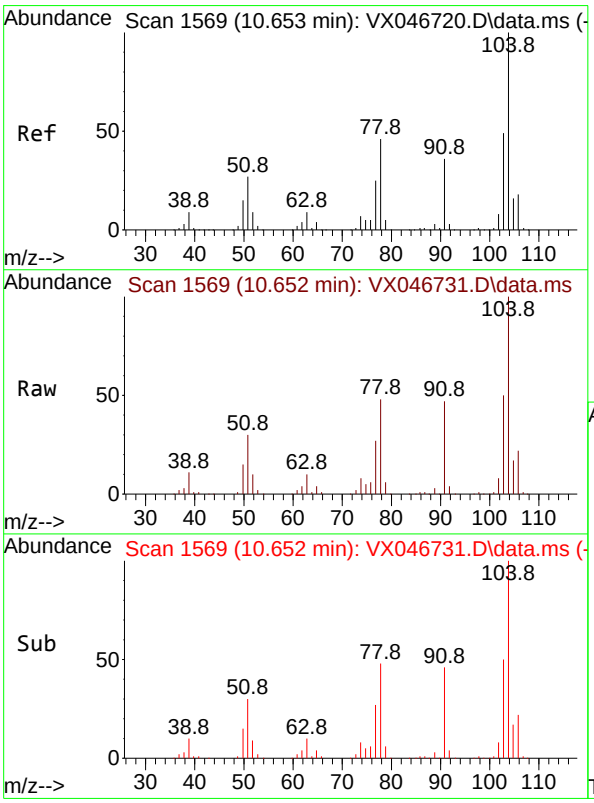
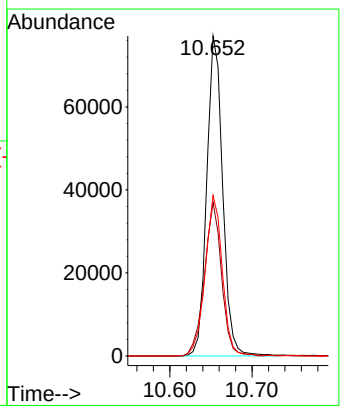
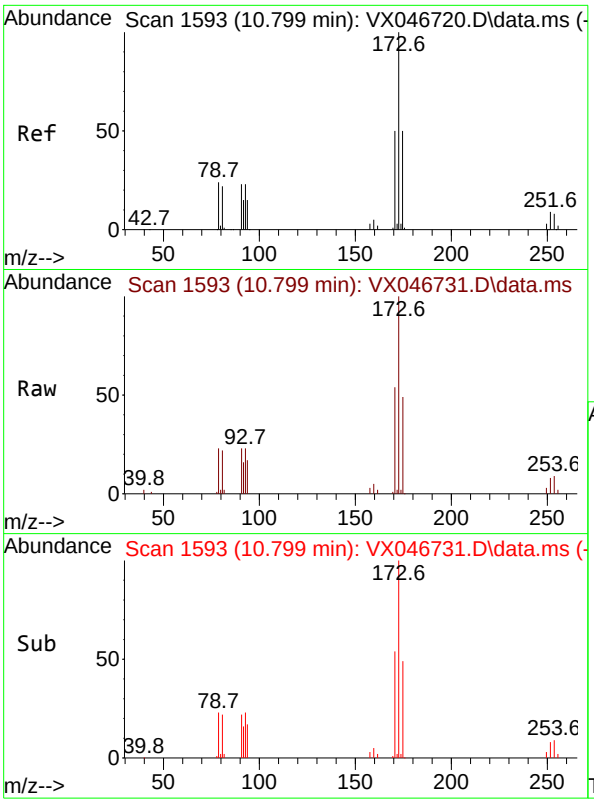


#70
Styrene
Concen: 18.804 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:104 Resp: 103726

Ion	Ratio	Lower	Upper
104	100		
78	51.7	41.4	62.2
103	54.0	43.1	64.7

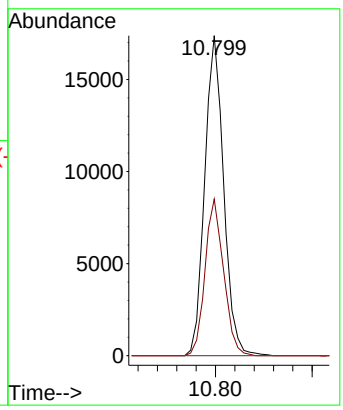




#71
Bromoform
Concen: 17.907 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:173 Resp: 2367

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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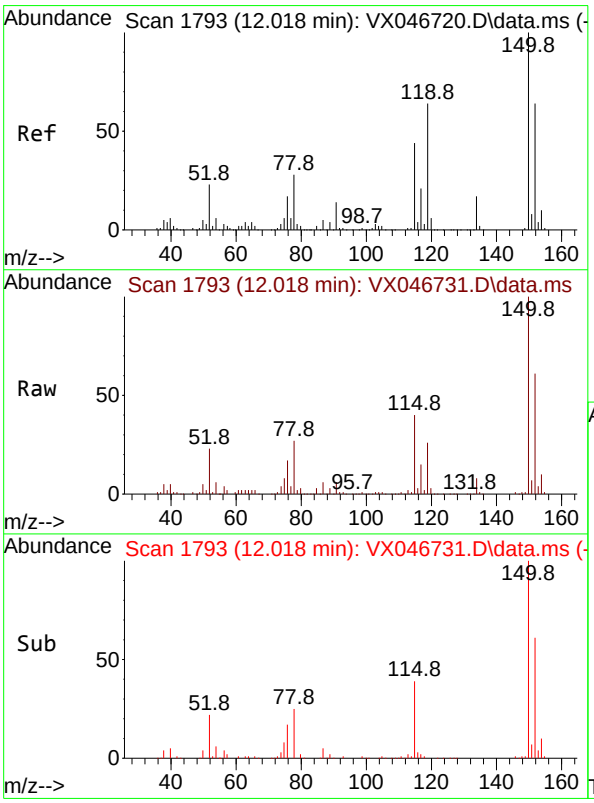
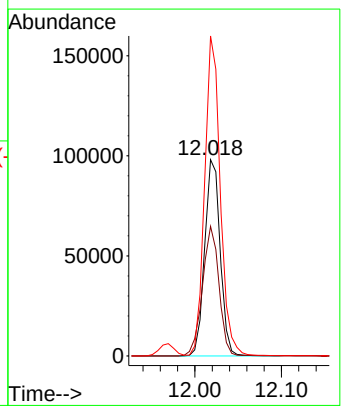
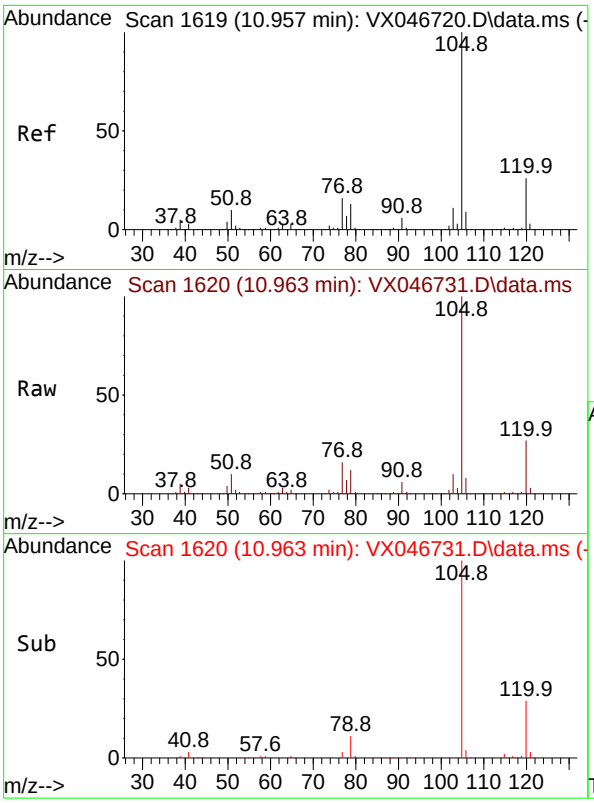


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:152 Resp: 121898

Ion	Ratio	Lower	Upper
152	100		
115	70.4	43.2	129.6
150	164.9	0.0	346.8





#73
Isopropylbenzene
Concen: 17.941 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:105 Resp: 16106

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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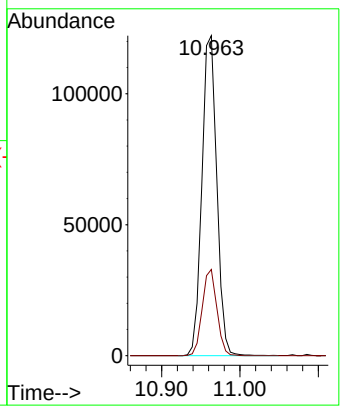
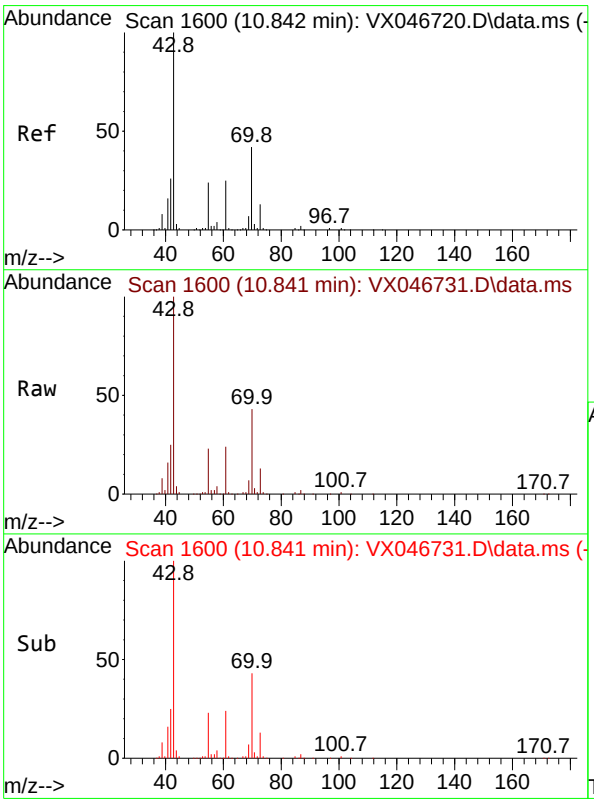
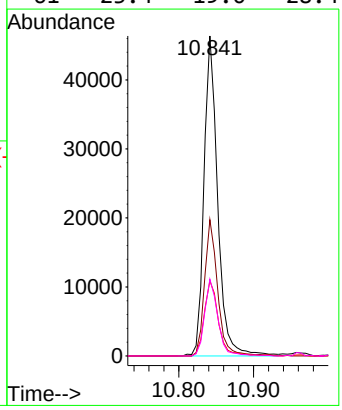


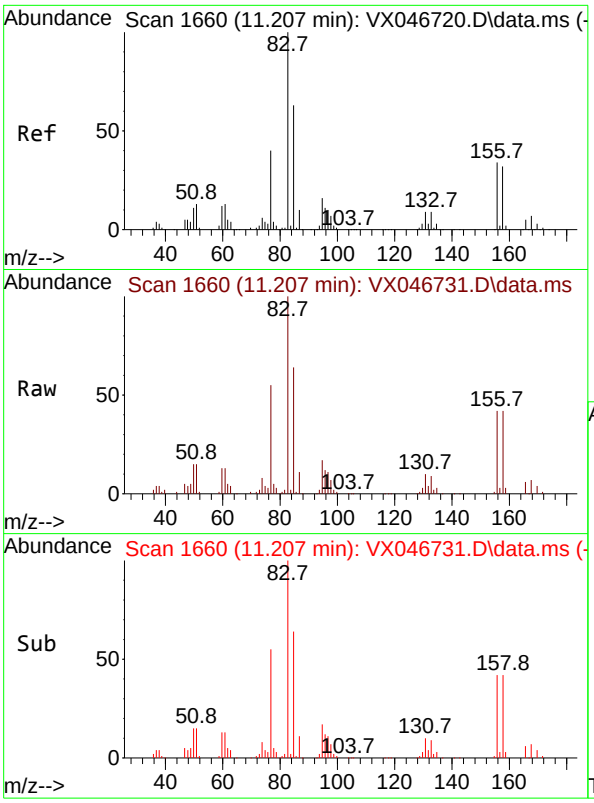


#74
N-amyl acetate
Concen: 17.325 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 43 Resp: 58929

Ion	Ratio	Lower	Upper
43	100		
70	41.1	33.4	50.0
55	24.3	19.1	28.7
61	23.4	19.0	28.4

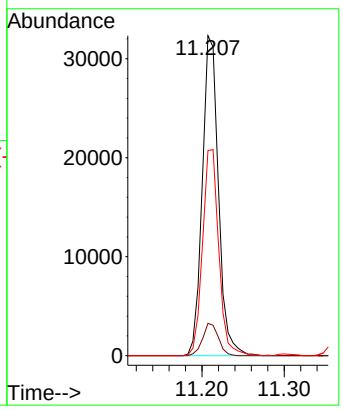




#75
1,1,2,2-Tetrachloroethane
Concen: 17.613 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 83 Resp: 4415

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.6
85	64.6	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
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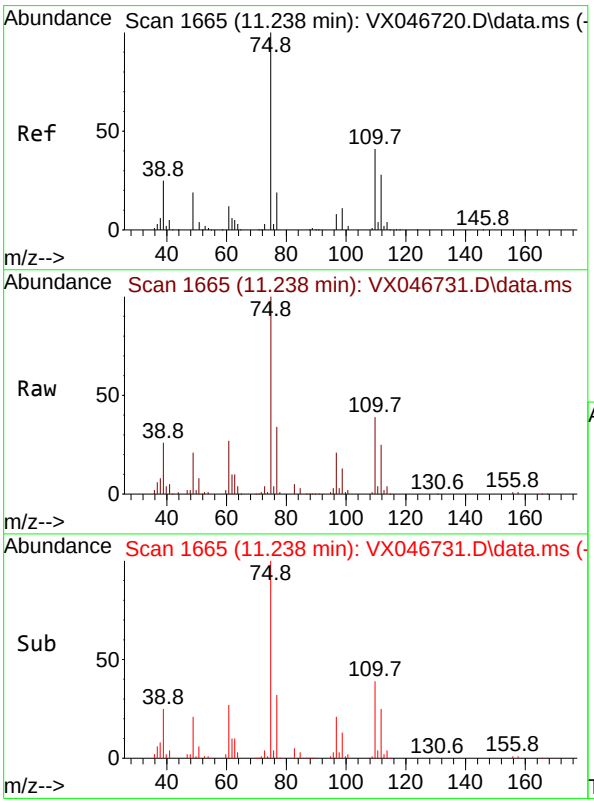
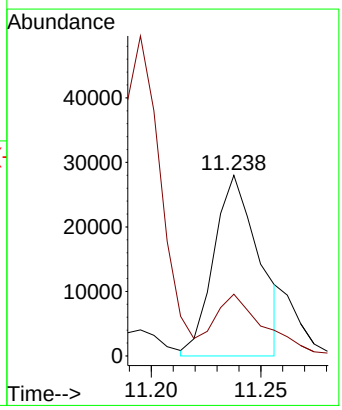
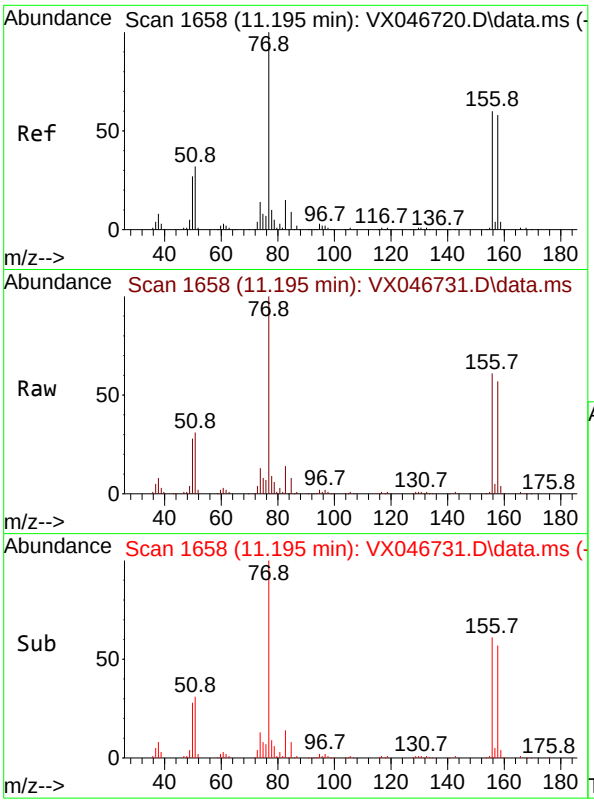


#76
1,2,3-Trichloropropane
Concen: 17.949 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 75 Resp: 40073

Ion	Ratio	Lower	Upper
75	100		
77	38.4	18.5	55.5

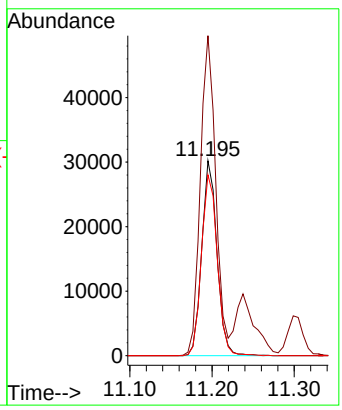




#77
Bromobenzene
Concen: 17.979 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:156 Resp: 3884

Ion	Ratio	Lower	Upper
156	100		
77	165.3	82.8	248.6
158	96.5	47.6	142.9



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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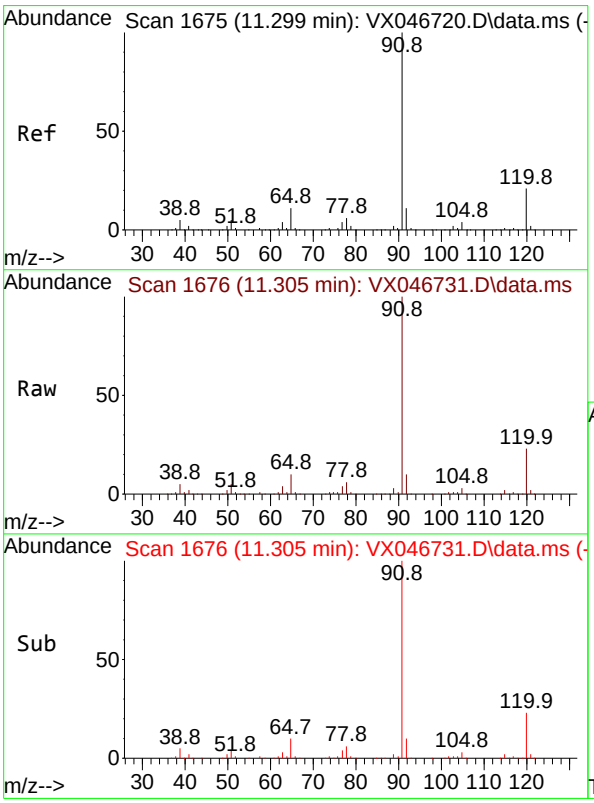
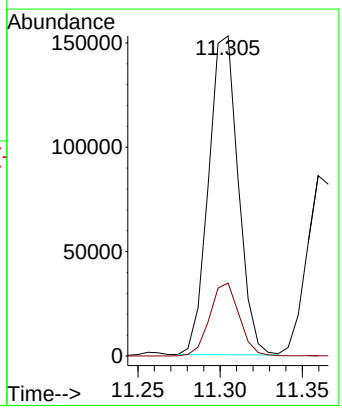
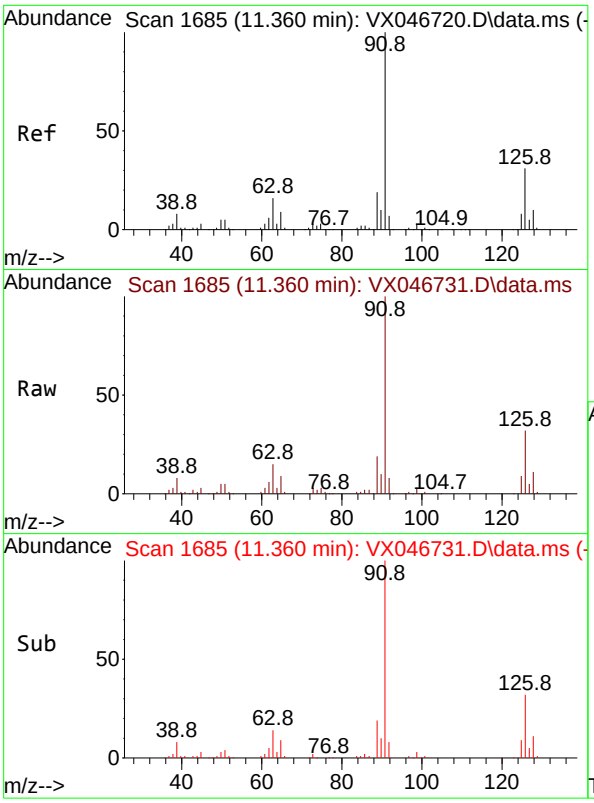


#78
n-propylbenzene
Concen: 18.026 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 91 Resp: 192217

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.1

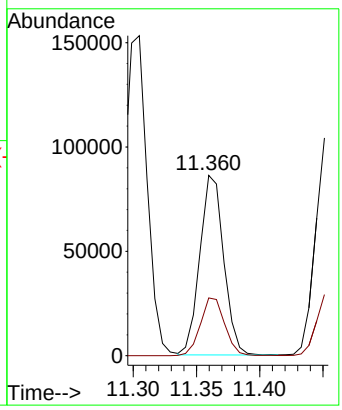




#79
2-Chlorotoluene
Concen: 17.818 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 91 Resp: 11344

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.6	49.7



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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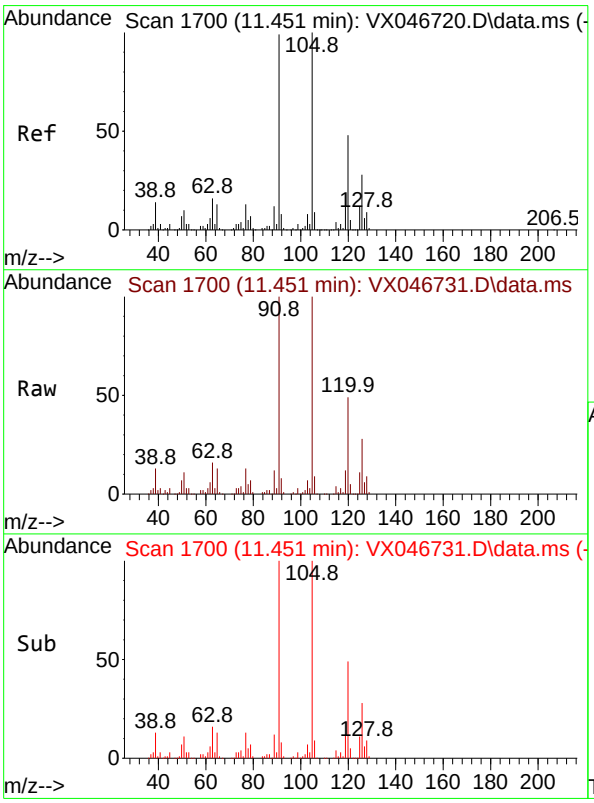
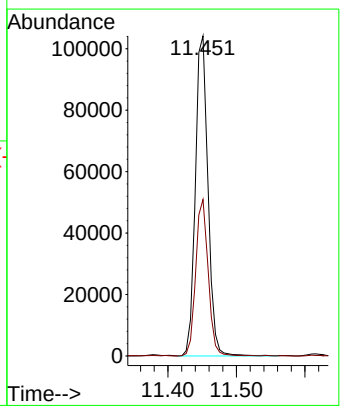
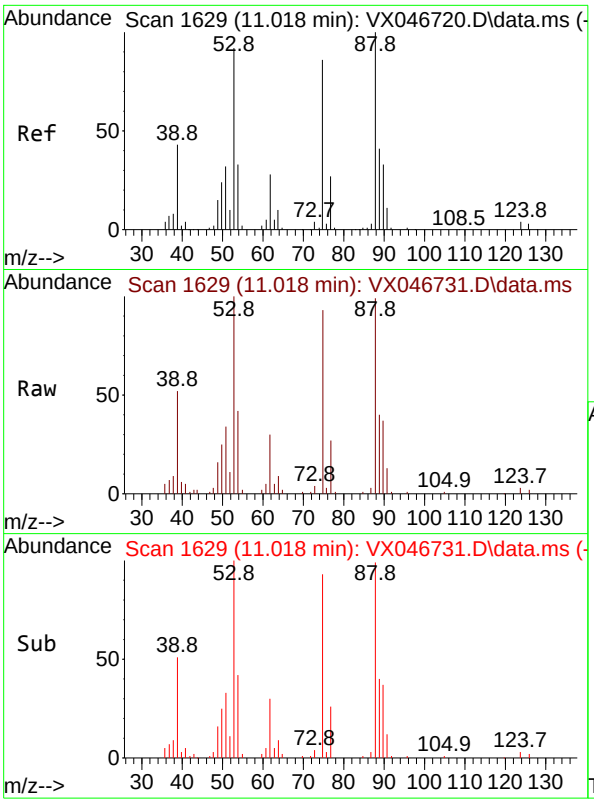


#80
1,3,5-Trimethylbenzene
Concen: 18.130 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:105 Resp: 133755

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 15.949 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

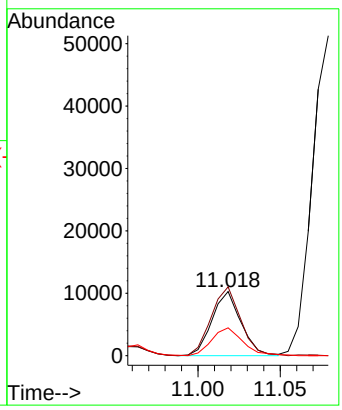
Tgt Ion: 75 Resp: 1259

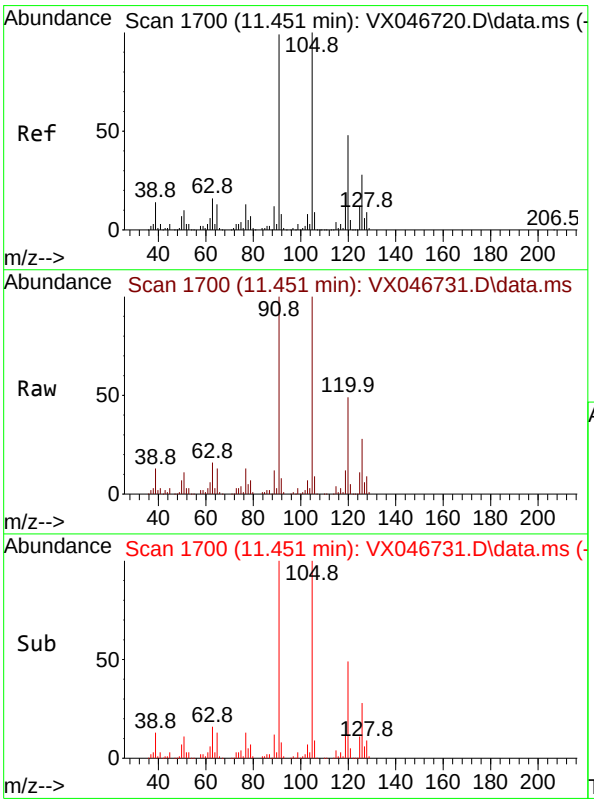
Ion	Ratio	Lower	Upper
75	100		
53	108.9	86.8	130.2
89	46.7	36.9	55.3

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

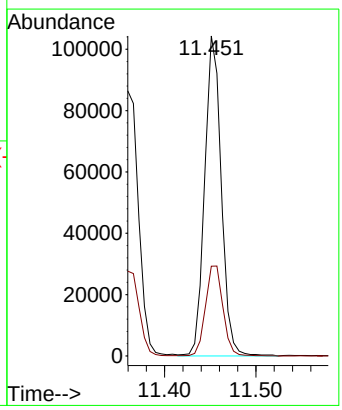


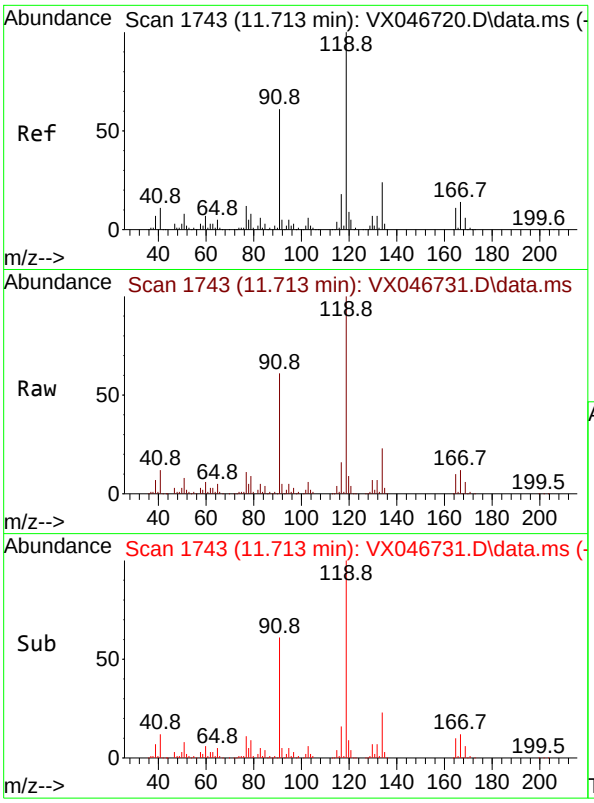


#82
4-Chlorotoluene
Concen: 17.712 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 91 Resp: 131603

Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.4	43.2

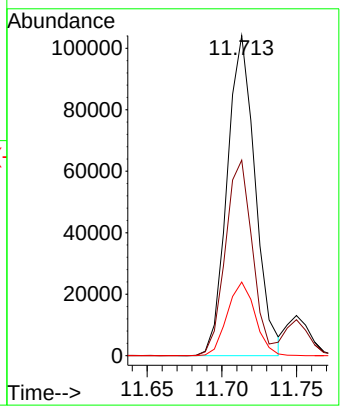




#83
tert-Butylbenzene
Concen: 17.787 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:119 Resp: 13564

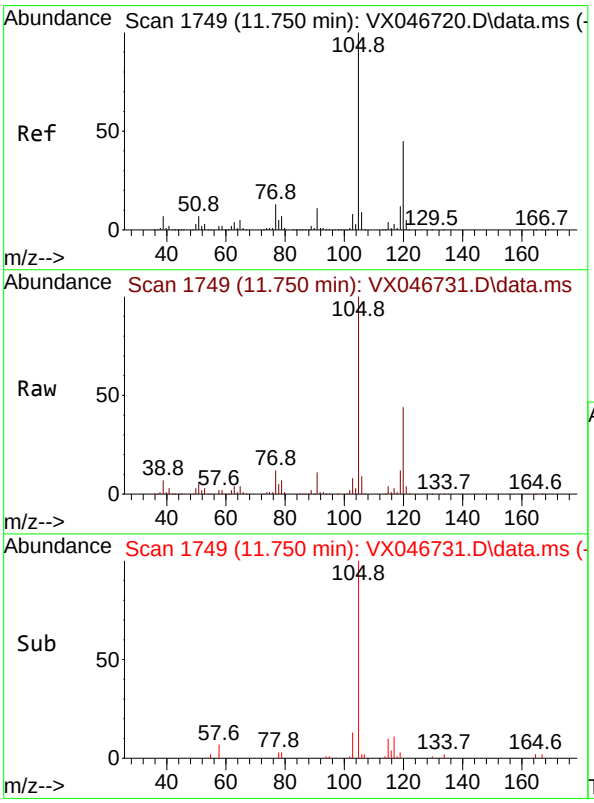
Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.5	88.6
134	22.9	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
APPROVED

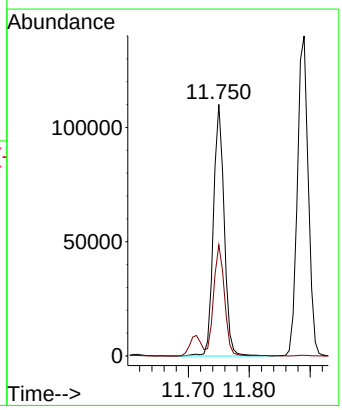
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

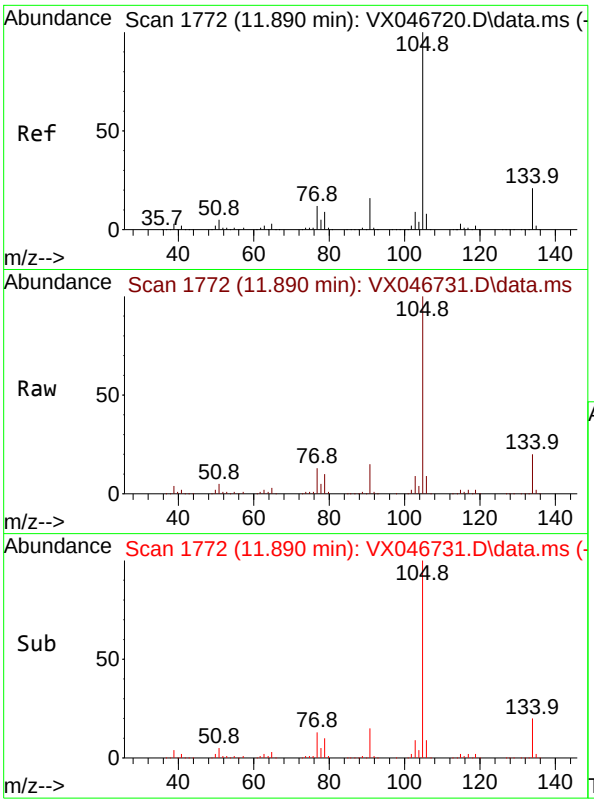


#84
1,2,4-Trimethylbenzene
Concen: 18.178 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:105 Resp: 134740

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.3

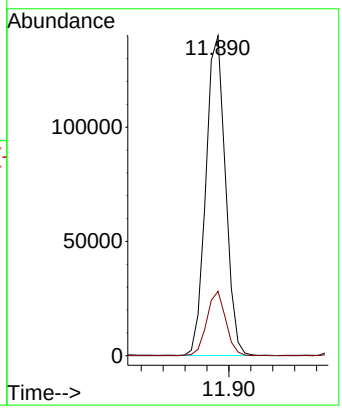




#85
sec-Butylbenzene
Concen: 18.021 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:105 Resp: 17368

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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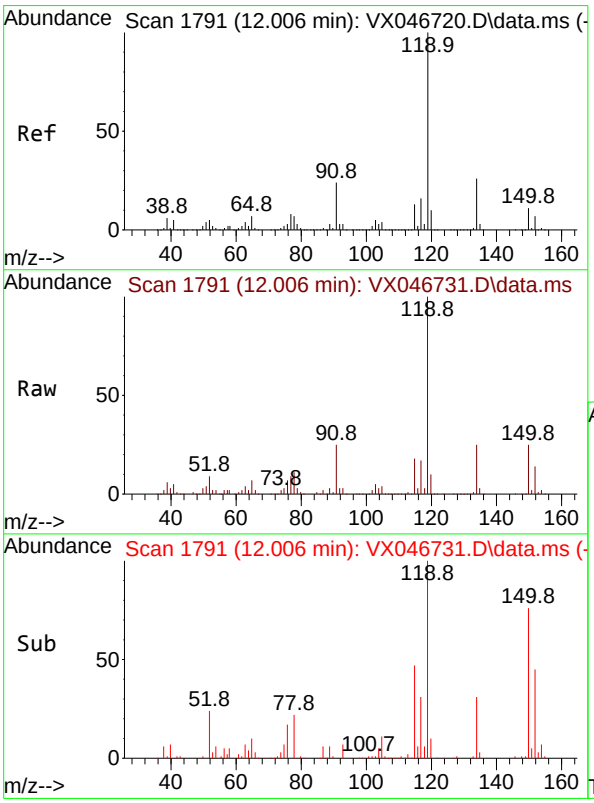
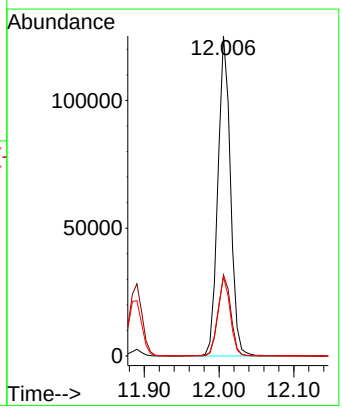
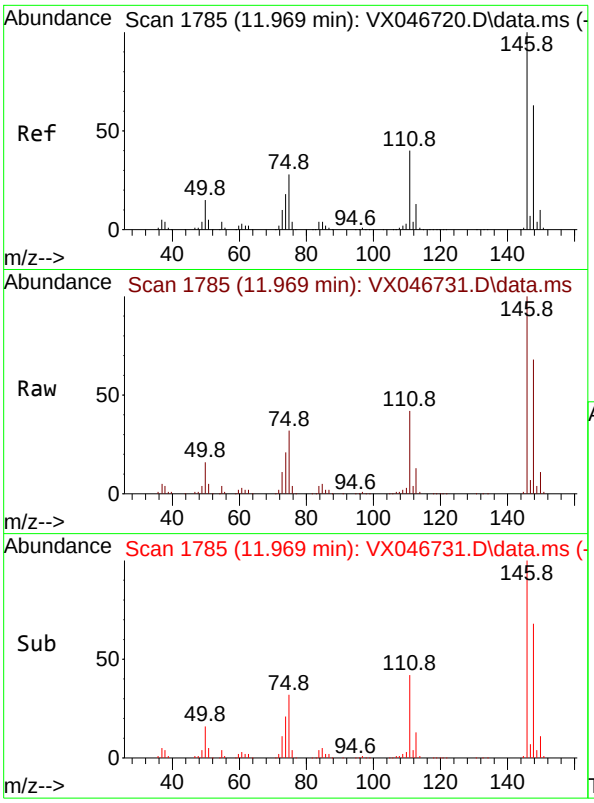


#86
p-Isopropyltoluene
Concen: 17.983 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:119 Resp: 146235

Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.7
91	24.5	12.3	36.9

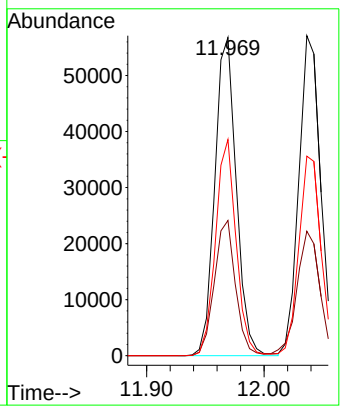




#87
1,3-Dichlorobenzene
Concen: 17.169 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:146 Resp: 7232

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.6	61.8
148	65.1	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
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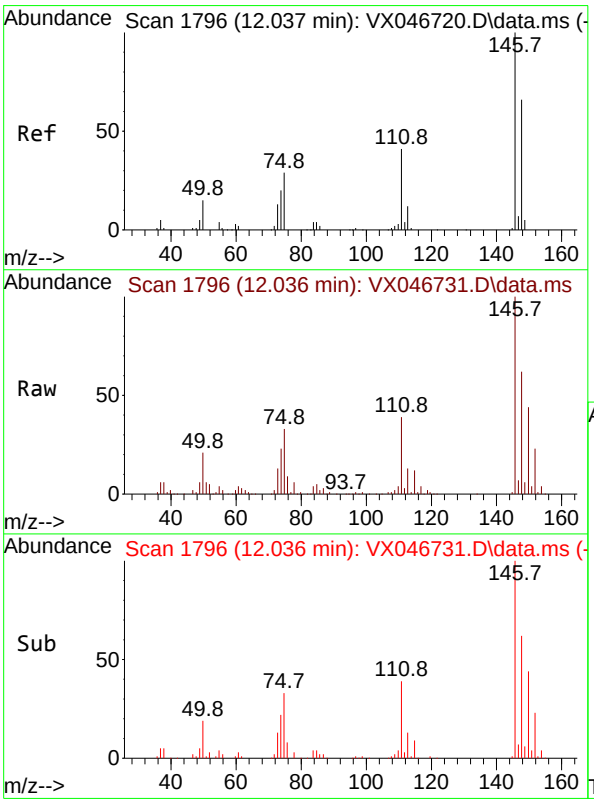
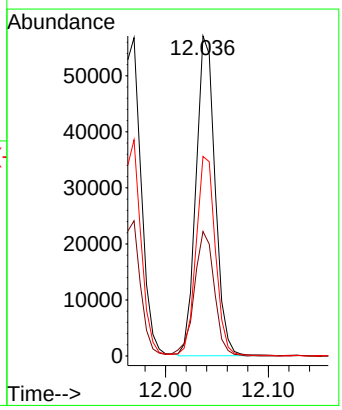
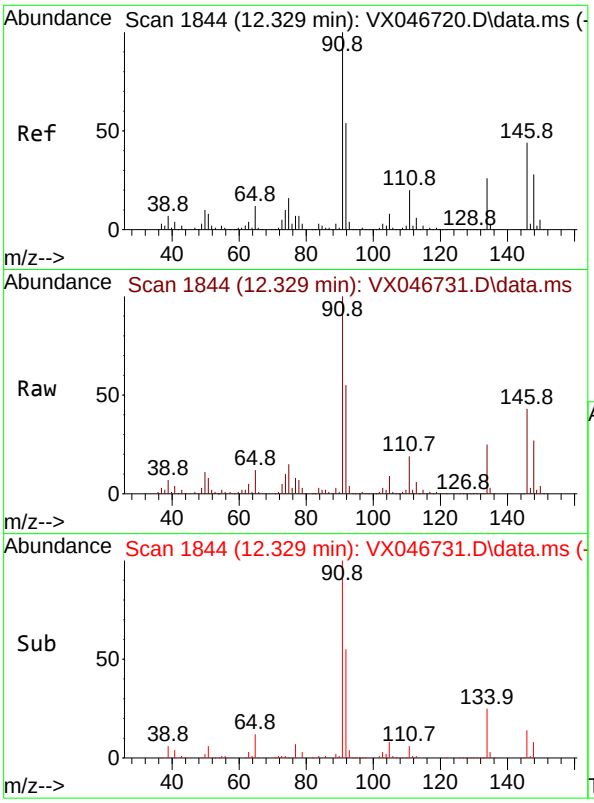


#88
1,4-Dichlorobenzene
Concen: 17.054 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:146 Resp: 73790

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	63.6	32.1	96.5





#89
n-Butylbenzene
Concen: 17.787 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 91 Resp: 13733

Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.1	81.3
134	25.6	12.9	38.6

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
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Reviewed By :John Carlone 06/19/2025
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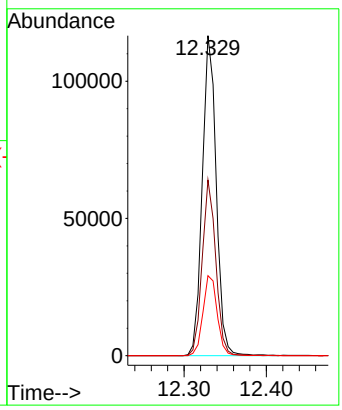
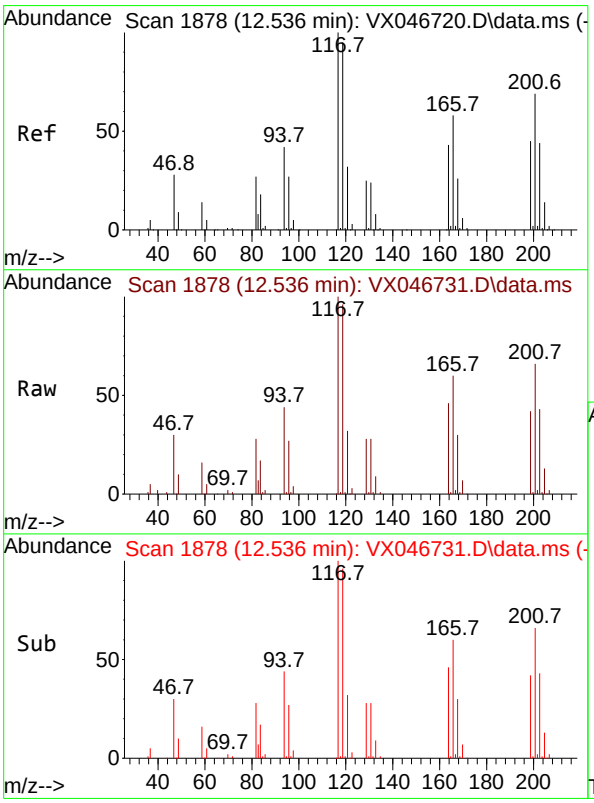
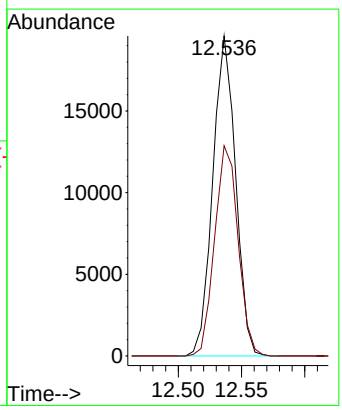


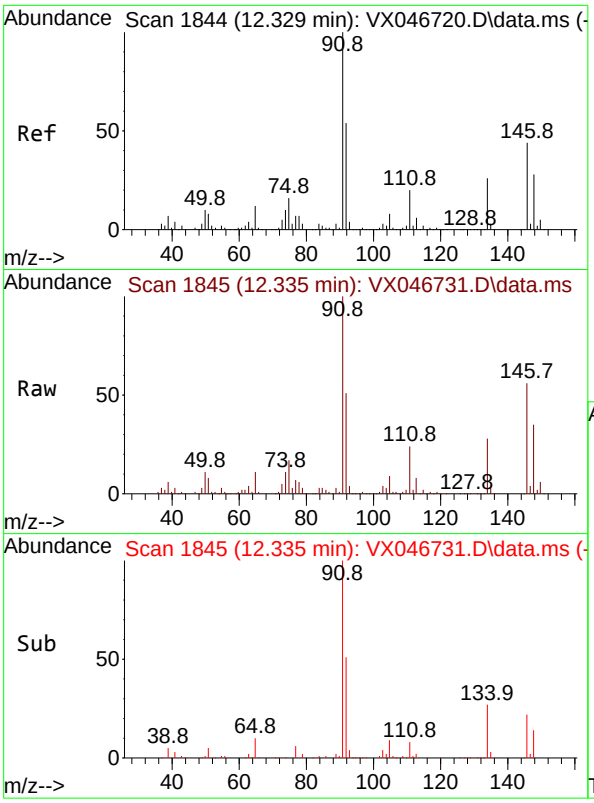


#90
Hexachloroethane
Concen: 17.233 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:117 Resp: 24540

Ion	Ratio	Lower	Upper
117	100		
201	67.5	34.4	103.3

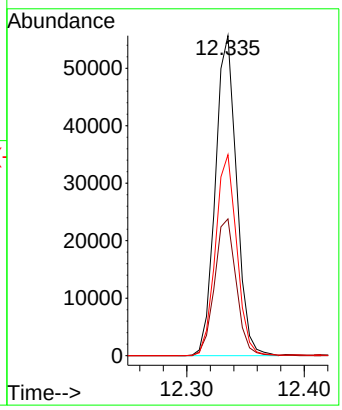




#91
1,2-Dichlorobenzene
Concen: 17.798 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:146 Resp: 7006

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.7	65.1
148	63.0	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
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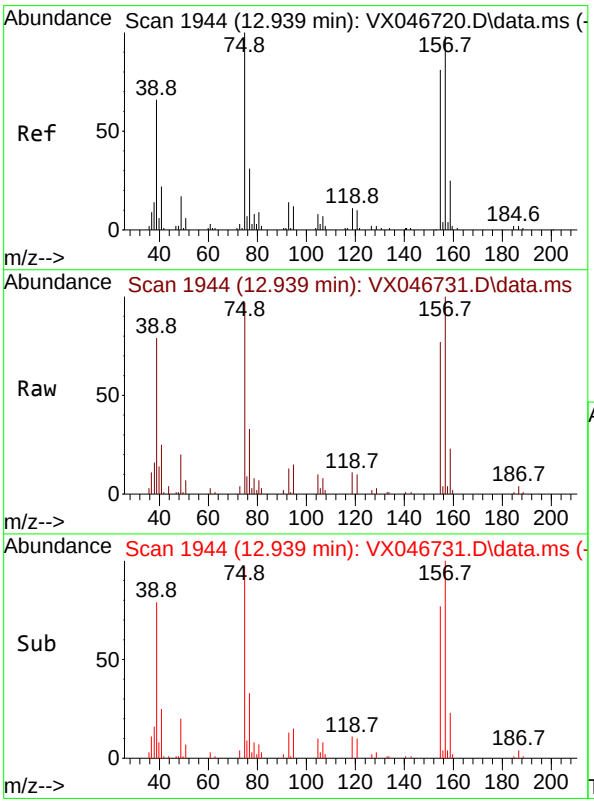
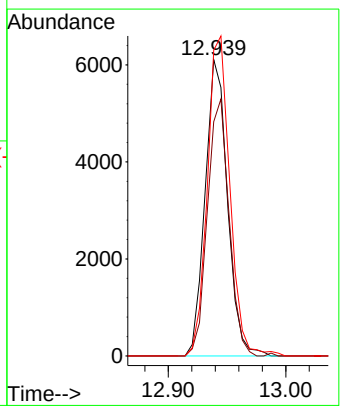
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

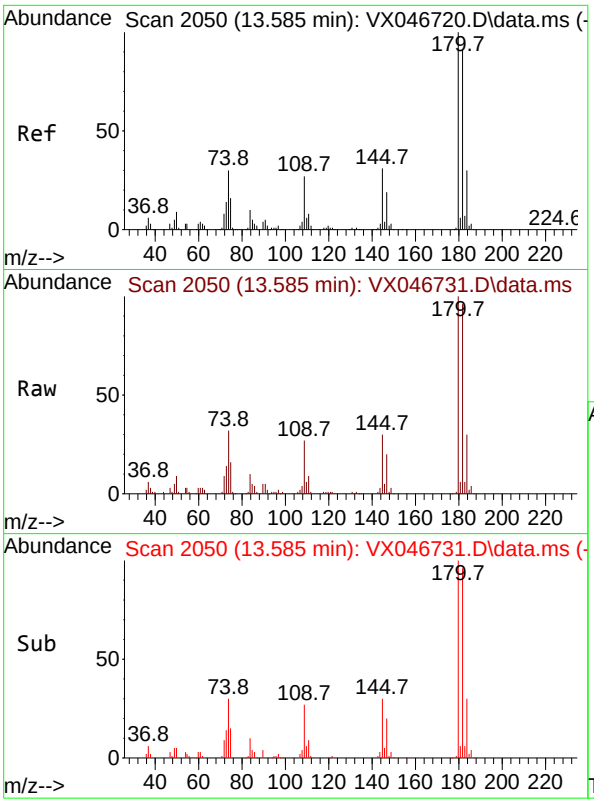


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.324 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 75 Resp: 8079

Ion	Ratio	Lower	Upper
75	100		
155	84.0	41.9	125.7
157	108.8	51.4	154.3

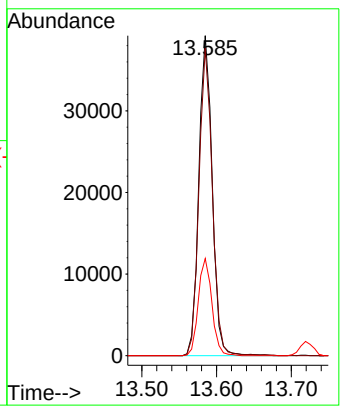




#93
1,2,4-Trichlorobenzene
Concen: 17.388 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:180 Resp: 4866

Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.7	140.1
145	30.8	15.8	47.4



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
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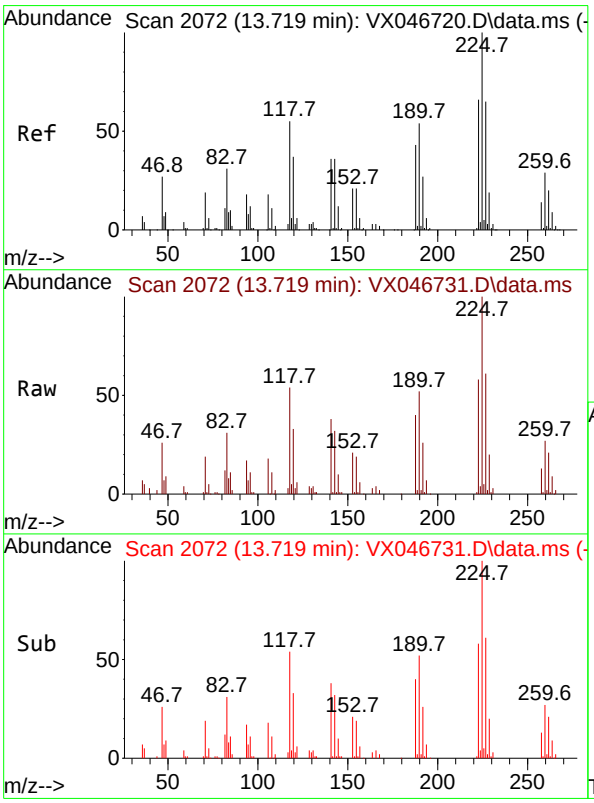
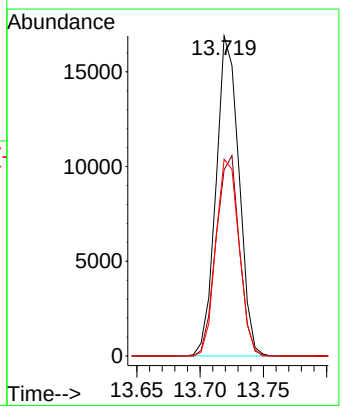
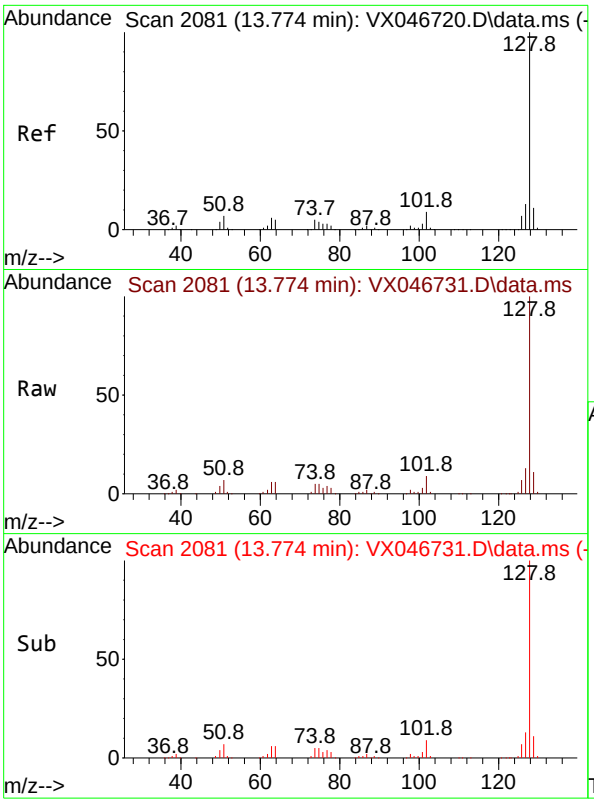


#94
Hexachlorobutadiene
Concen: 18.044 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:225 Resp: 21242

Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.5	97.5
227	62.3	32.2	96.6

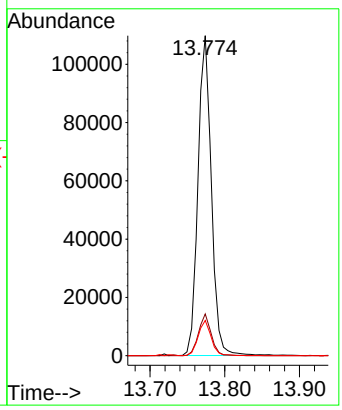




#95
Naphthalene
Concen: 17.080 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:128 Resp: 13618

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.7	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

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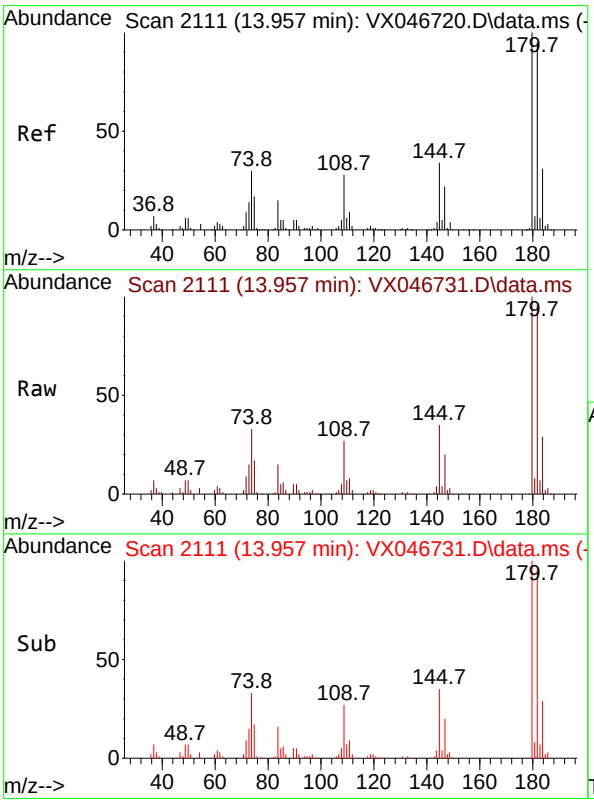
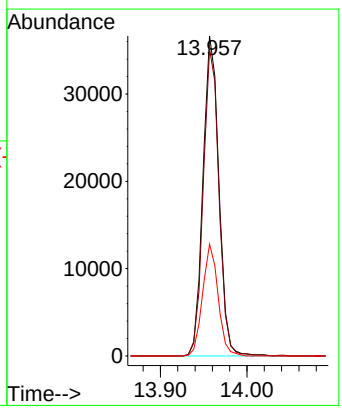


#96
1,2,3-Trichlorobenzene
Concen: 17.428 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:180 Resp: 46661

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.4
145	34.2	17.3	51.9



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:	VX0619WBS01	SDG No.:	Q2345
Lab Sample ID:	VX0619WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046762.D	1		06/19/25 11:24	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	19.1		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	18.7		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	21.2		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	19.9		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.4		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.6		0.23	0.75	1.00	ug/L
67-64-1	Acetone	74.1		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	17.0		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.0		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	16.0		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	18.1		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.5		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	18.8		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	78.9		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	20.8		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	19.0		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.7		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	18.5		0.16	0.50	1.00	ug/L
71-43-2	Benzene	18.9		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.5		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	18.4		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.4		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	18.9		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	81.6		0.68	2.50	5.00	ug/L
108-88-3	Toluene	19.0		0.14	0.50	1.00	ug/L

Raw Data: **VX046762.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:	VX0619WBS01	SDG No.:	Q2345
Lab Sample ID:	VX0619WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046762.D	1		06/19/25 11:24	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.0		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.2		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.5		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	78.9		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	18.4		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.0		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	17.7		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	18.0		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	18.0		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	37.2		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	18.6		0.12	0.50	1.00	ug/L
100-42-5	Styrene	18.3		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	16.7		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	18.1		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.3		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.8		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.5		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.1		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	15.1		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.1		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.6		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.8		81 - 118		100%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	52.3		89 - 112		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	138000	5.562				
540-36-3	1,4-Difluorobenzene	227000	6.769				
3114-55-4	Chlorobenzene-d5	207000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	105000	12.018				

Raw Data: **VX046762.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:	VX0619WBS01	SDG No.:	Q2345
Lab Sample ID:	VX0619WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046762.D	1		06/19/25 11:24	VX061925

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\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	137936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94946	49.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.520%			
35) Dibromofluoromethane	5.397	113	78196	52.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.647	98	282602	52.340	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.680%			
62) 4-Bromofluorobenzene	11.079	95	108869	54.092	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	28069	19.060	ug/l	97
3) Chloromethane	1.307	50	29736	18.707	ug/l	99
4) Vinyl Chloride	1.386	62	32033	18.898	ug/l	93
5) Bromomethane	1.630	94	20191	21.172	ug/l	93
6) Chloroethane	1.709	64	20468	19.923	ug/l	98
7) Trichlorofluoromethane	1.910	101	47476	18.446	ug/l	99
8) Diethyl Ether	2.148	74	16252	18.400	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	29254	18.528	ug/l	99
10) Methyl Iodide	2.471	142	29614	18.018	ug/l	99
11) Tert butyl alcohol	2.959	59	10810	63.126	ug/l	97
12) 1,1-Dichloroethene	2.337	96	28292	18.570	ug/l	97
13) Acrolein	2.251	56	18186	72.910	ug/l	98
14) Allyl chloride	2.684	41	49324	17.868	ug/l	99
15) Acrylonitrile	3.075	53	62463	81.119	ug/l	98
16) Acetone	2.386	43	47143	74.096	ug/l	96
17) Carbon Disulfide	2.532	76	78405	17.041	ug/l	98
18) Methyl Acetate	2.715	43	25862	16.004	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	80635	16.997	ug/l	98
20) Methylene Chloride	2.806	84	32048	18.113	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	29757	18.253	ug/l	99
22) Diisopropyl ether	3.769	45	100392	18.921	ug/l	94
23) Vinyl Acetate	3.733	43	365712	86.676	ug/l	100
24) 1,1-Dichloroethane	3.623	63	55663	18.477	ug/l	99
25) 2-Butanone	4.568	43	70964m	78.864	ug/l	
26) 2,2-Dichloropropane	4.489	77	39442	17.951	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	35547	18.560	ug/l	98
28) Bromochloromethane	4.910	49	28430	20.816	ug/l	99
29) Tetrahydrofuran	5.013	42	44591	76.721	ug/l	99
30) Chloroform	5.105	83	57187	18.982	ug/l	93
31) Cyclohexane	5.483	56	53811	18.836	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	46675	17.665	ug/l	98
36) 1,1-Dichloropropene	5.702	75	40684	18.754	ug/l	99
37) Ethyl Acetate	4.727	43	31829	15.895	ug/l	98
38) Carbon Tetrachloride	5.690	117	42451	18.031	ug/l	99
39) Methylcyclohexane	7.385	83	52931	18.541	ug/l	99
40) Benzene	6.050	78	121111	18.864	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	17227	16.137	ug/l		99
42) 1,2-Dichloroethane	6.092	62	41780	18.518	ug/l		100
43) Isopropyl Acetate	6.348	43	51032	16.286	ug/l		99
44) Trichloroethene	7.135	130	30093	18.392	ug/l		99
45) 1,2-Dichloropropane	7.433	63	29323	18.429	ug/l		95
46) Dibromomethane	7.592	93	20791	18.181	ug/l		99
47) Bromodichloromethane	7.824	83	44034	18.870	ug/l		99
48) Methyl methacrylate	7.696	41	25618	16.301	ug/l		98
49) 1,4-Dioxane	7.659	88	6374	299.149	ug/l		94
51) 4-Methyl-2-Pentanone	8.573	43	152568	81.636	ug/l		98
52) Toluene	8.720	92	75814	19.048	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	38942	17.985	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	44663	18.171	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	27505	18.544	ug/l		99
56) Ethyl methacrylate	9.116	69	37095	16.942	ug/l		98
57) 1,3-Dichloropropane	9.311	76	47213	18.484	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	101869	89.565	ug/l		99
59) 2-Hexanone	9.427	43	101986	78.935	ug/l		100
60) Dibromochloromethane	9.518	129	32154	18.395	ug/l		100
61) 1,2-Dibromoethane	9.610	107	27221	18.042	ug/l		100
64) Tetrachloroethene	9.275	164	25376	17.655	ug/l		95
65) Chlorobenzene	10.079	112	82392	17.991	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	27463	17.843	ug/l		98
67) Ethyl Benzene	10.195	91	144047	18.002	ug/l		97
68) m/p-Xylenes	10.299	106	111044	37.244	ug/l		100
69) o-Xylene	10.640	106	51894	18.572	ug/l		98
70) Styrene	10.652	104	89289	18.260	ug/l		99
71) Bromoform	10.799	173	19576	16.701	ug/l	#	98
73) Isopropylbenzene	10.957	105	139510	18.100	ug/l		99
74) N-amyl acetate	10.841	43	46412	15.893	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37312	17.337	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	29393m	15.335	ug/l		
77) Bromobenzene	11.195	156	33896	18.275	ug/l		99
78) n-propylbenzene	11.299	91	168589	18.415	ug/l		99
79) 2-Chlorotoluene	11.360	91	99687	18.238	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	115409	18.221	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	10102	14.897	ug/l		96
82) 4-Chlorotoluene	11.451	91	116713	18.296	ug/l		99
83) tert-Butylbenzene	11.713	119	118027	18.027	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	116817	18.357	ug/l		99
85) sec-Butylbenzene	11.890	105	153043	18.496	ug/l		100
86) p-Isopropyltoluene	12.006	119	127841	18.312	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	64330	17.788	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	64856	17.460	ug/l		99
89) n-Butylbenzene	12.329	91	118756	17.915	ug/l		100
90) Hexachloroethane	12.536	117	20652	16.893	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	61156	18.096	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6425	15.122	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	41109	17.110	ug/l		98
94) Hexachlorobutadiene	13.719	225	17833	17.644	ug/l		96
95) Naphthalene	13.774	128	110507	16.144	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	40546	17.639	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

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

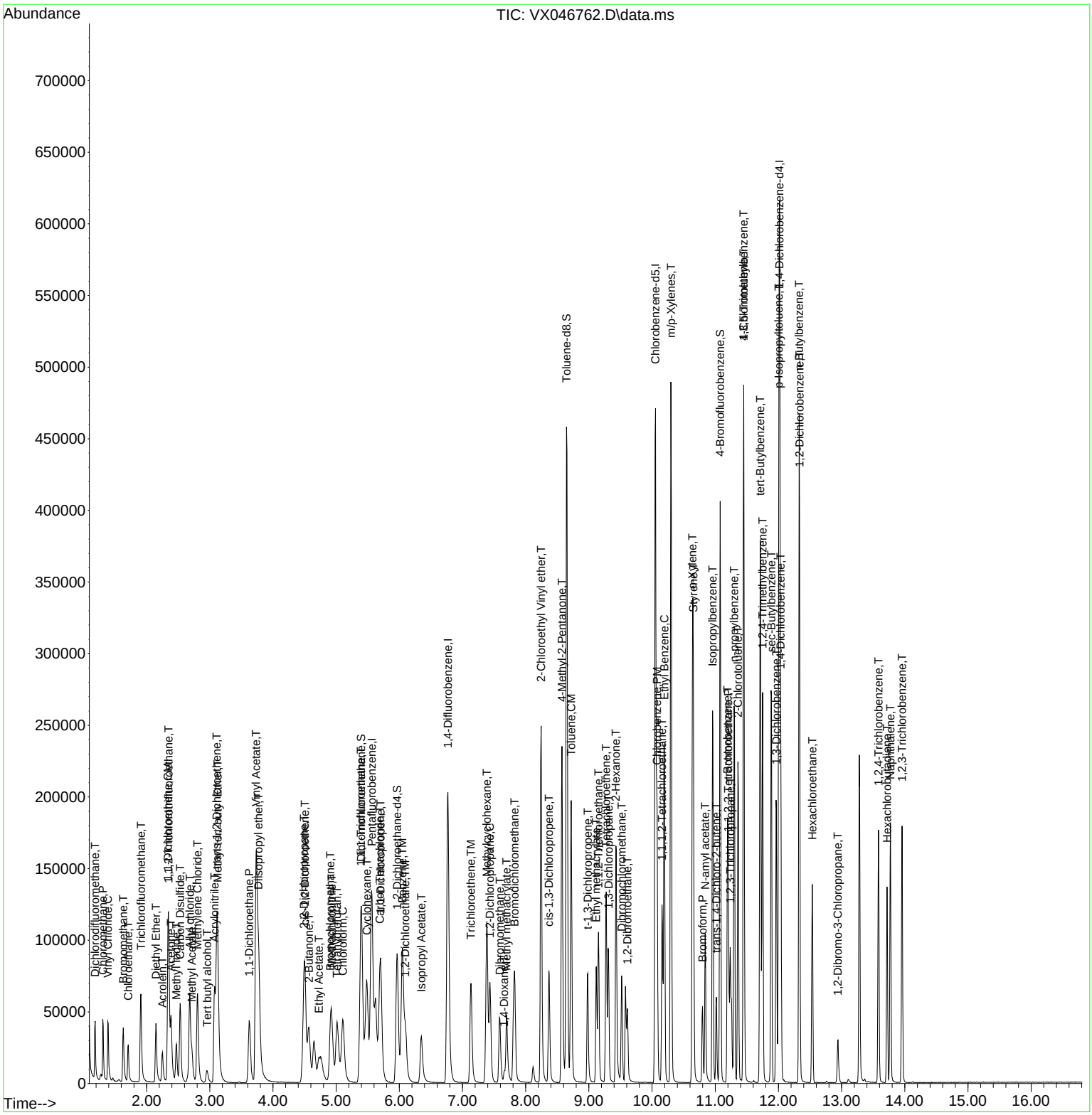
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

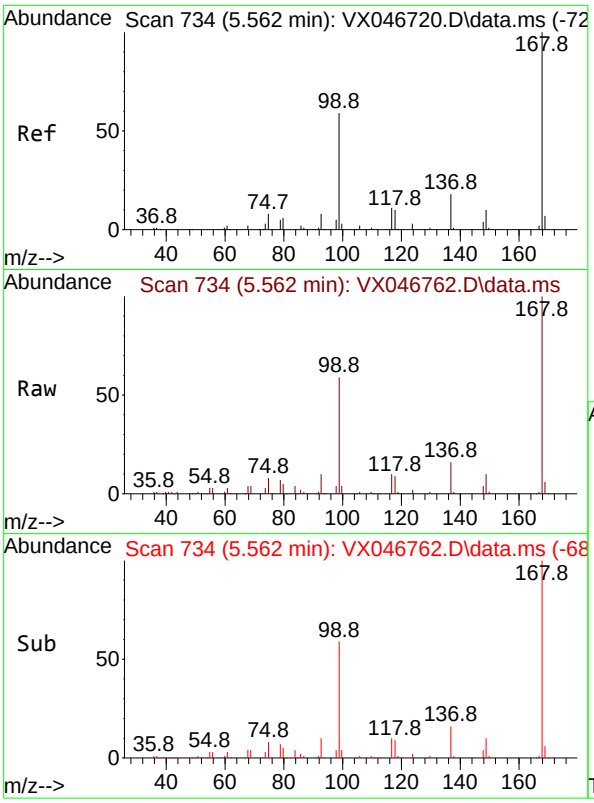
Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

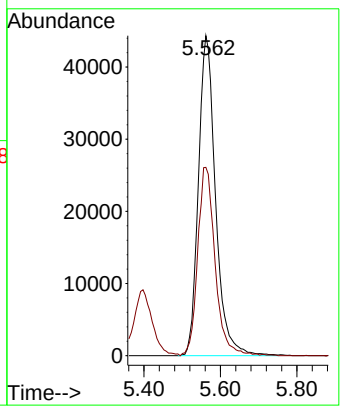




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:168 Resp: 13793

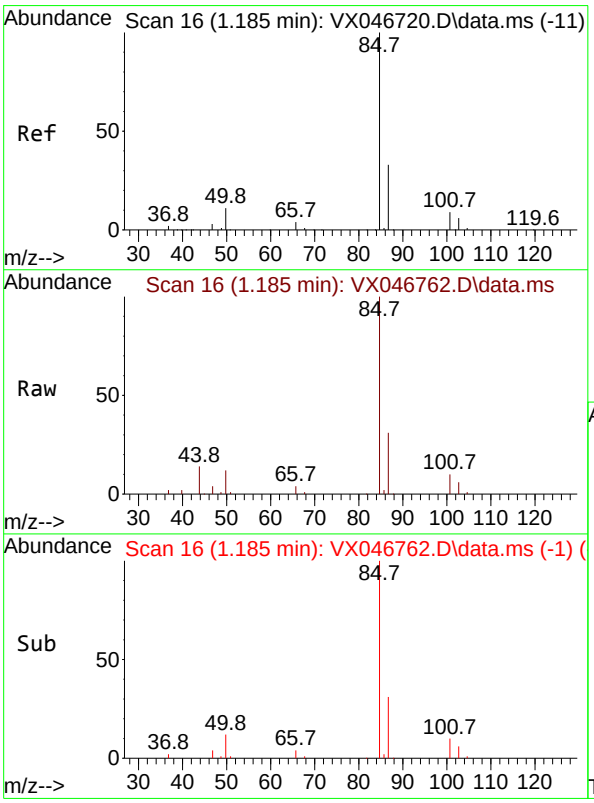
Ion	Ratio	Lower	Upper
168	100		
99	58.9	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
APPROVED

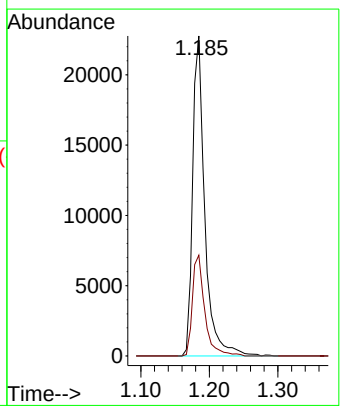
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

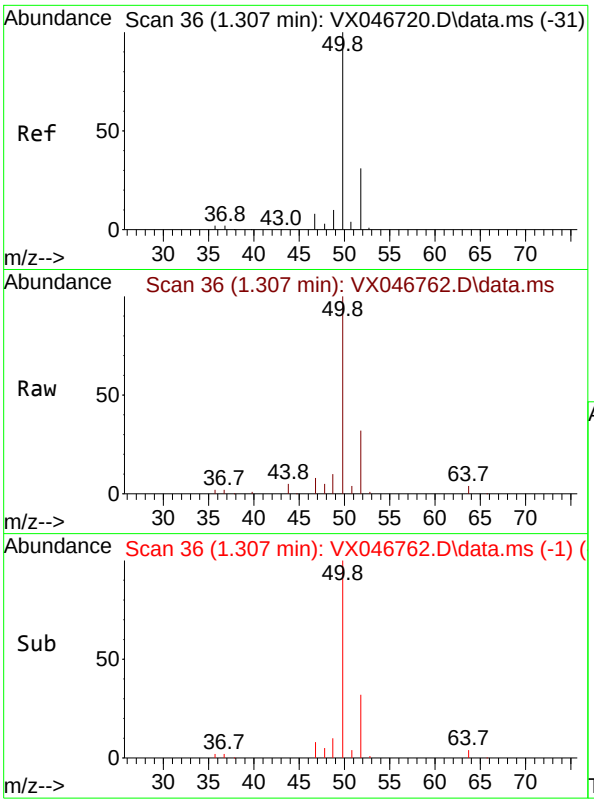


#2
Dichlorodifluoromethane
Concen: 19.060 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 85 Resp: 28069

Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.6	49.8





#3
Chloromethane
Concen: 18.707 ug/l
RT: 1.307 min Scan# 3(
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

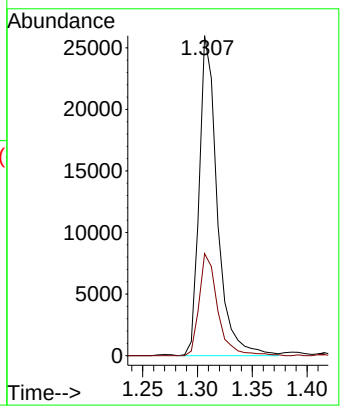
Tgt Ion: 50 Resp: 2973(

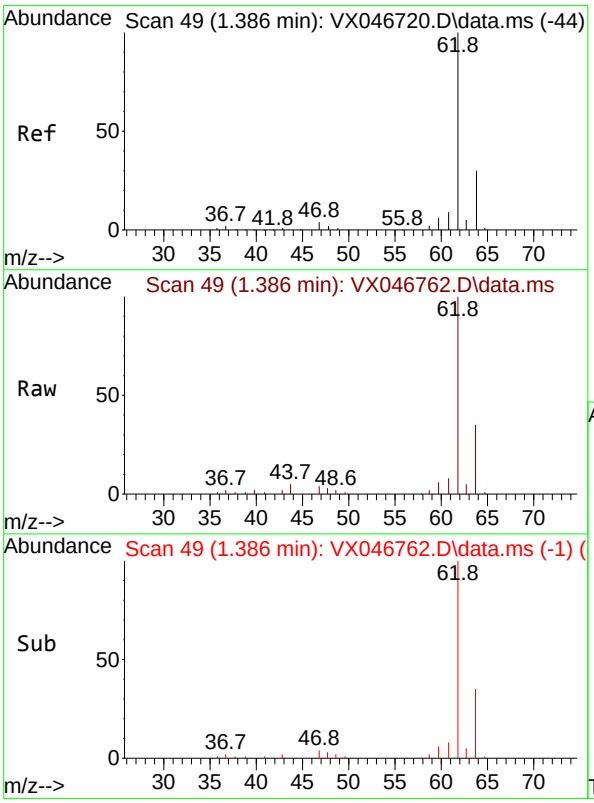
Ion	Ratio	Lower	Upper
50	100		
52	31.9	24.9	37.3

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

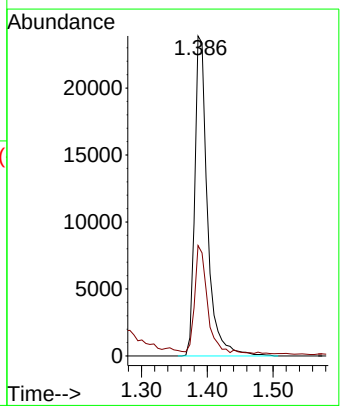


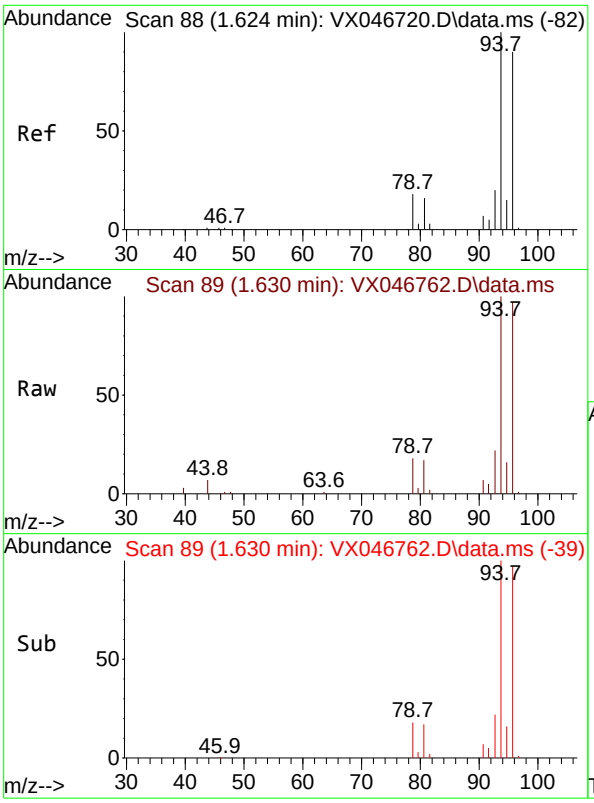


#4
Vinyl Chloride
Concen: 18.898 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 62 Resp: 32033

Ion	Ratio	Lower	Upper
62	100		
64	33.8	23.9	35.9





#5
Bromomethane
Concen: 21.172 ug/l
RT: 1.630 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 94 Resp: 2019

Ion	Ratio	Lower	Upper
94	100		
96	97.2	72.3	108.5

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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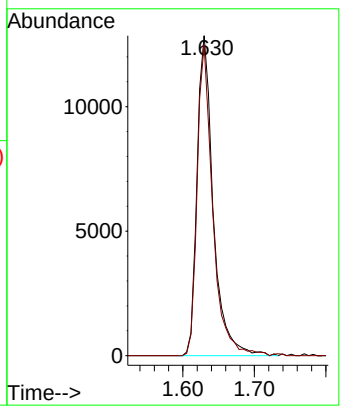
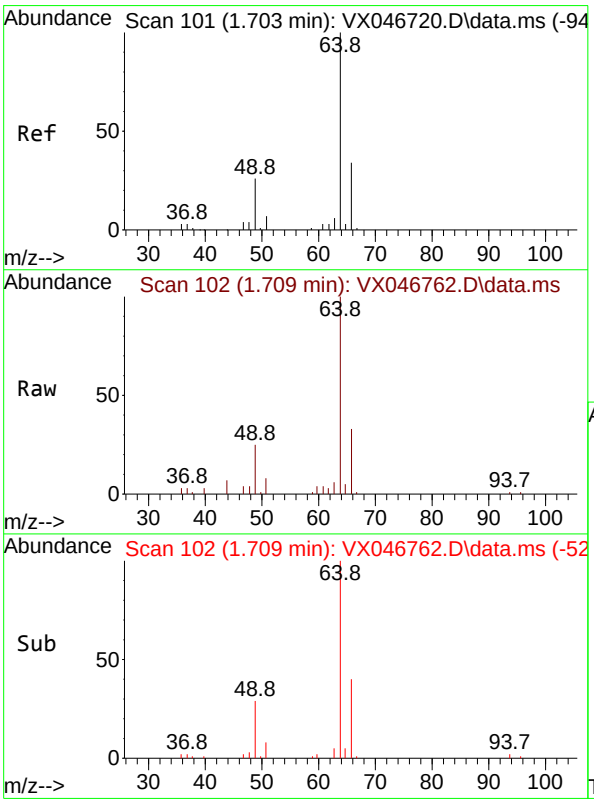
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

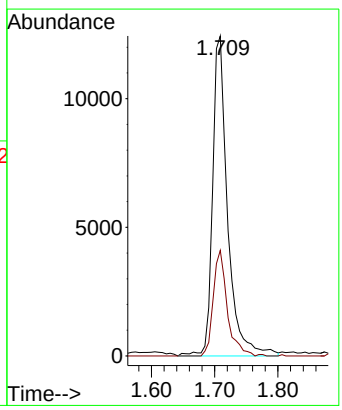


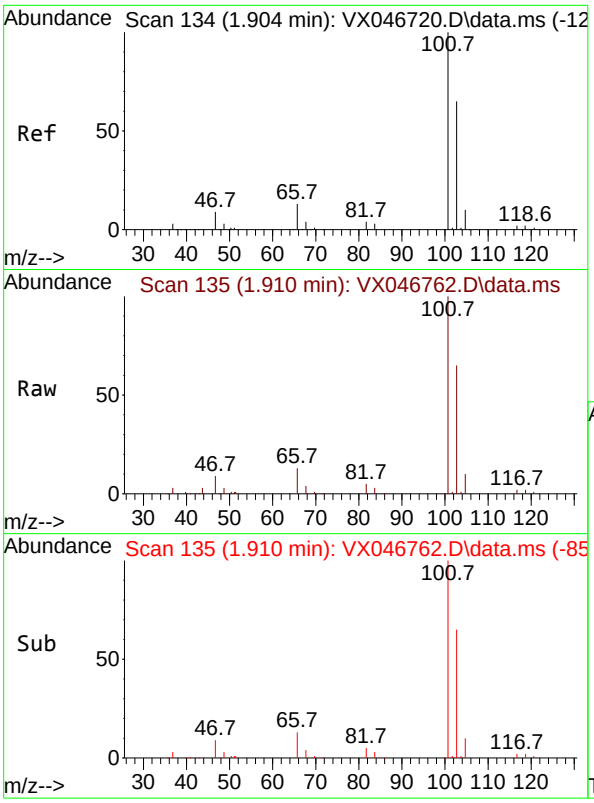


#6
Chloroethane
Concen: 19.923 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 64 Resp: 20468

Ion	Ratio	Lower	Upper
64	100		
66	33.0	27.1	40.7

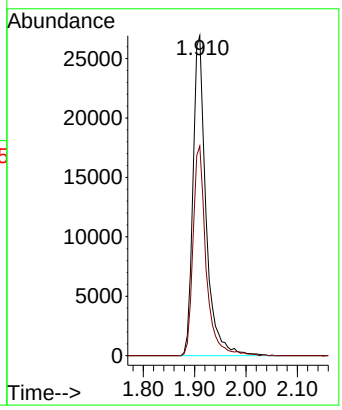




#7
Trichlorofluoromethane
Concen: 18.446 ug/l
RT: 1.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:101 Resp: 4747

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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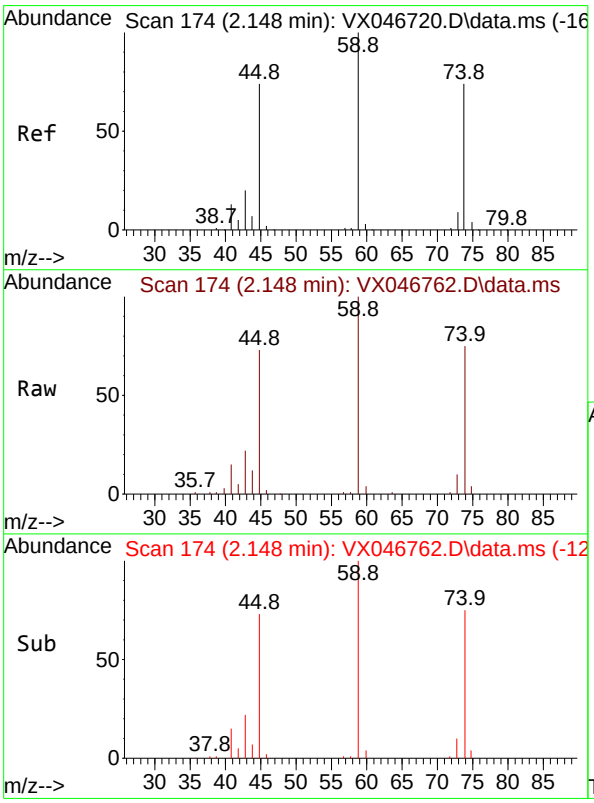
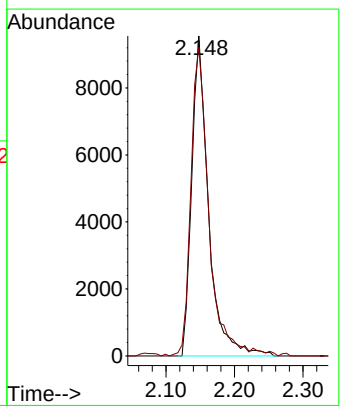
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

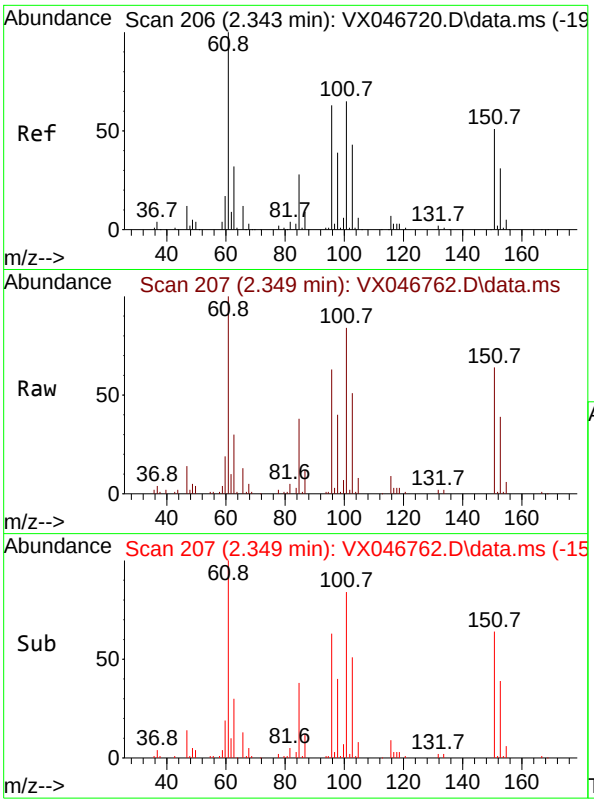


#8
Diethyl Ether
Concen: 18.400 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 74 Resp: 16252

Ion	Ratio	Lower	Upper
74	100		
45	104.0	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.528 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:101 Resp: 2925

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.4	53.0
151	76.9	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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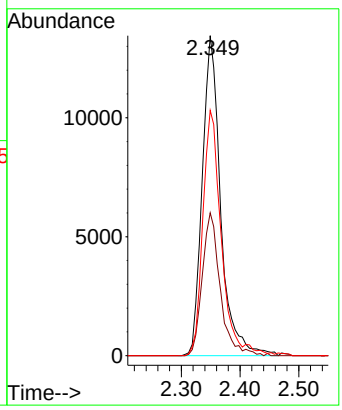
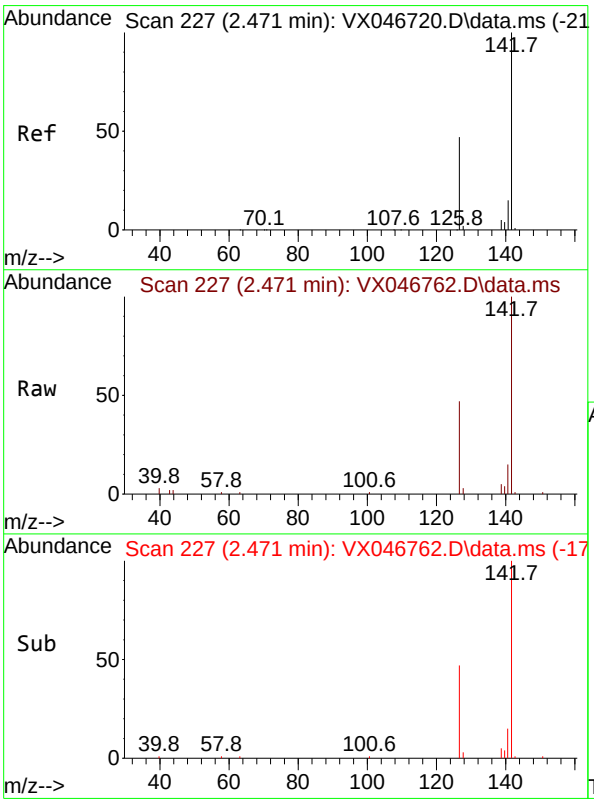
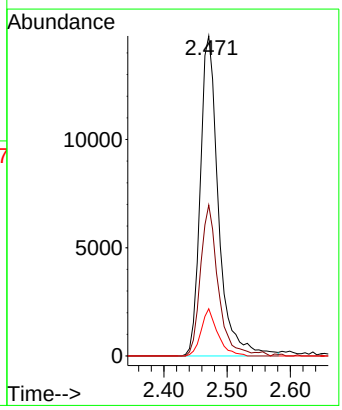


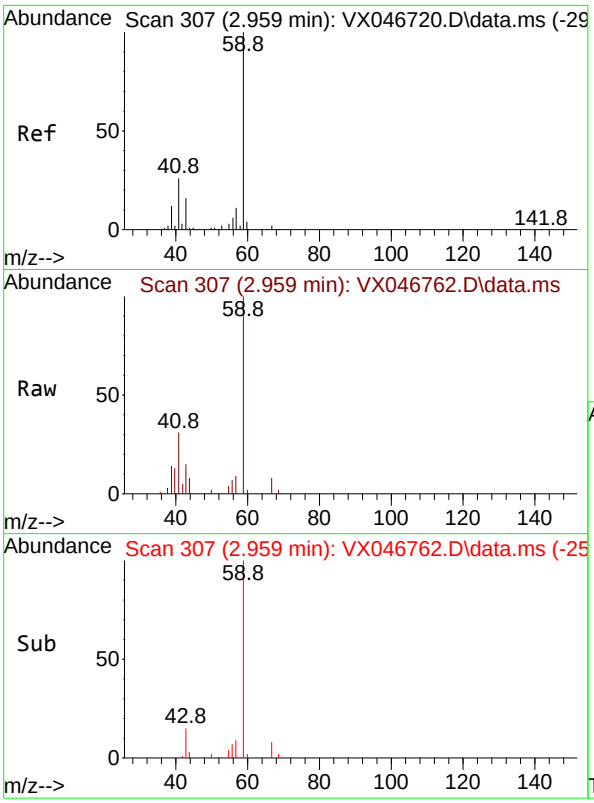


#10
Methyl Iodide
Concen: 18.018 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:142 Resp: 29614

Ion	Ratio	Lower	Upper
142	100		
127	45.8	37.0	55.6
141	13.4	11.5	17.3





#11
Tert butyl alcohol
Concen: 63.126 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 59 Resp: 1081

Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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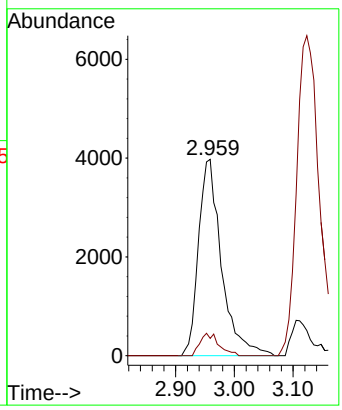
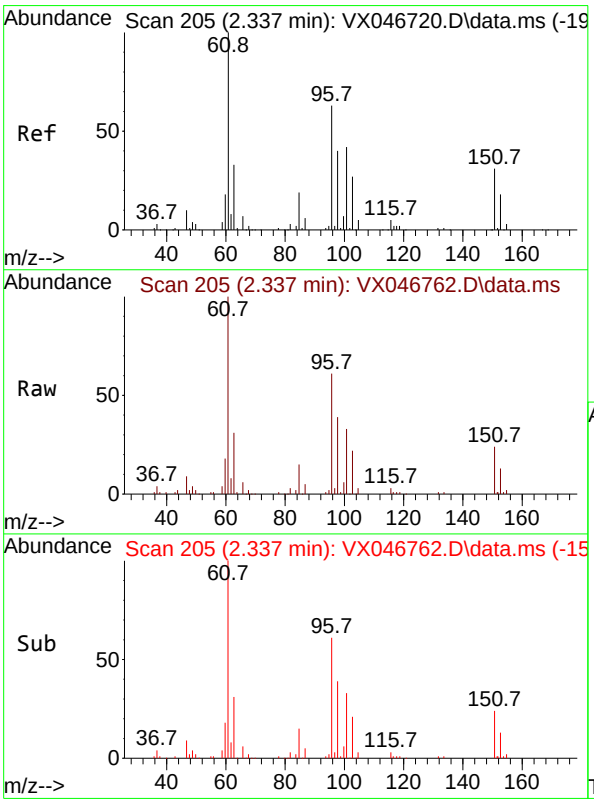
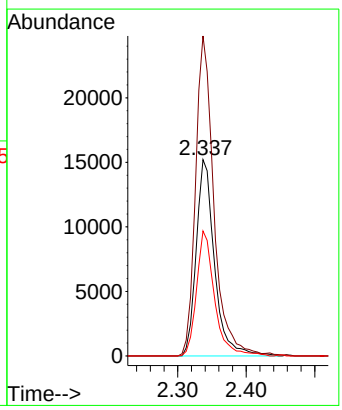


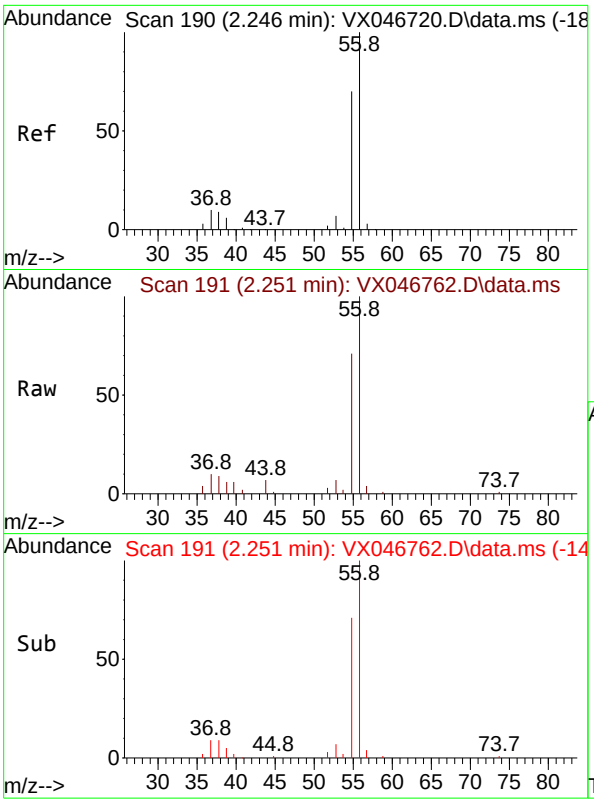


#12
1,1-Dichloroethene
Concen: 18.570 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 96 Resp: 28292

Ion	Ratio	Lower	Upper
96	100		
61	163.0	126.6	189.8
98	63.7	50.7	76.1





#13
Acrolein
Concen: 72.910 ug/l
RT: 2.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 56 Resp: 1818

Ion	Ratio	Lower	Upper
56	100		
55	70.9	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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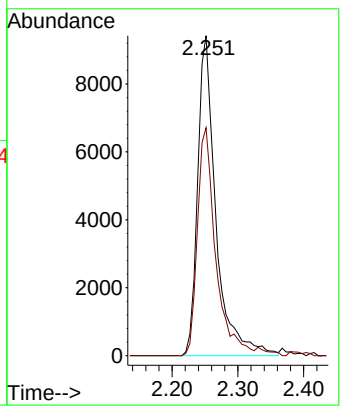
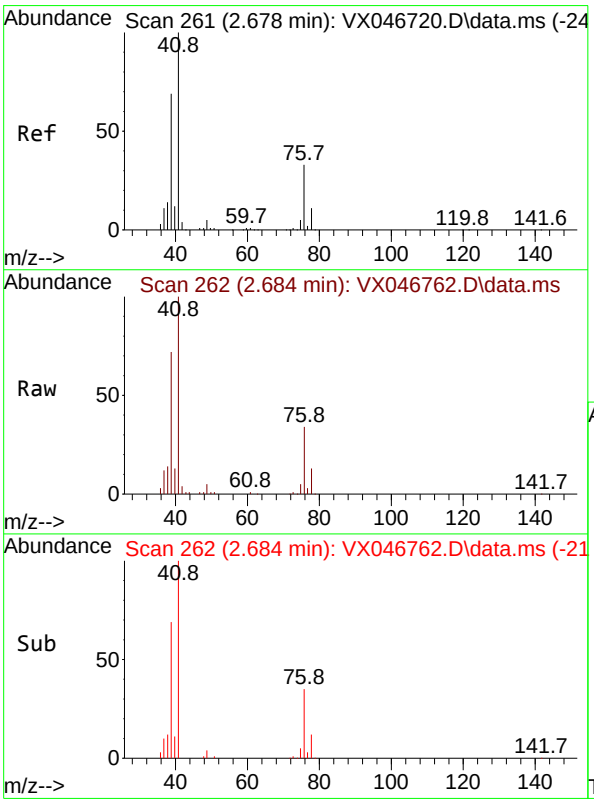
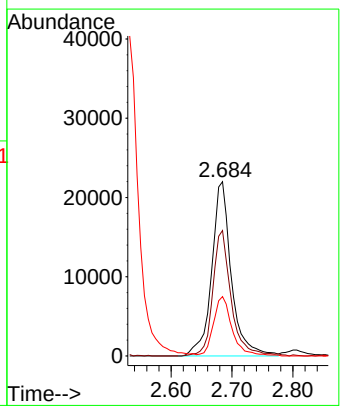


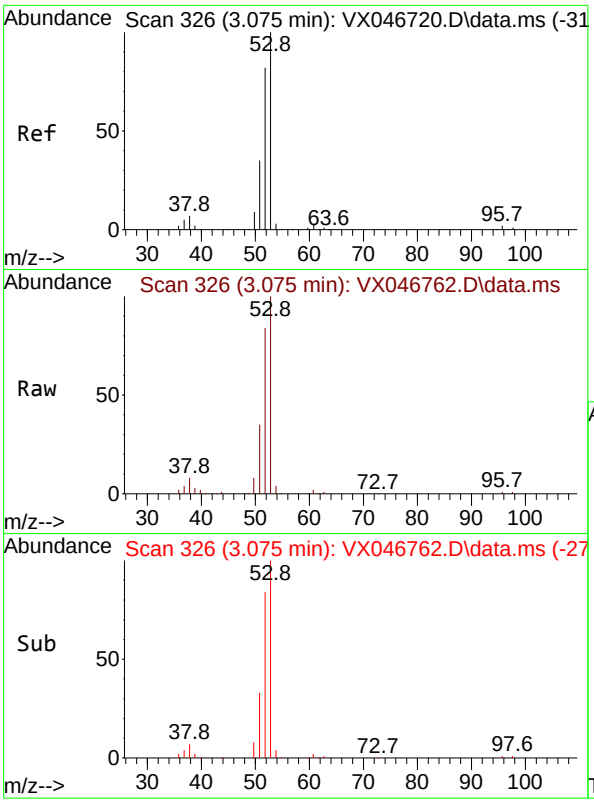


#14
Allyl chloride
Concen: 17.868 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 41 Resp: 49324

Ion	Ratio	Lower	Upper
41	100		
39	67.0	53.6	80.4
76	32.3	26.8	40.2

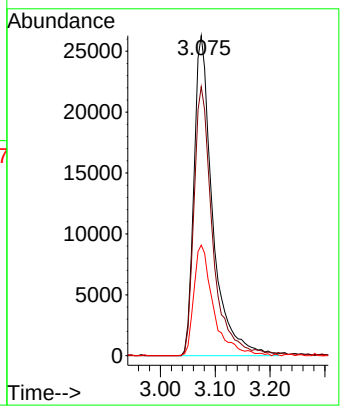




#15
Acrylonitrile
Concen: 81.119 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 53 Resp: 6246

Ion	Ratio	Lower	Upper
53	100		
52	83.7	65.1	97.7
51	36.4	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
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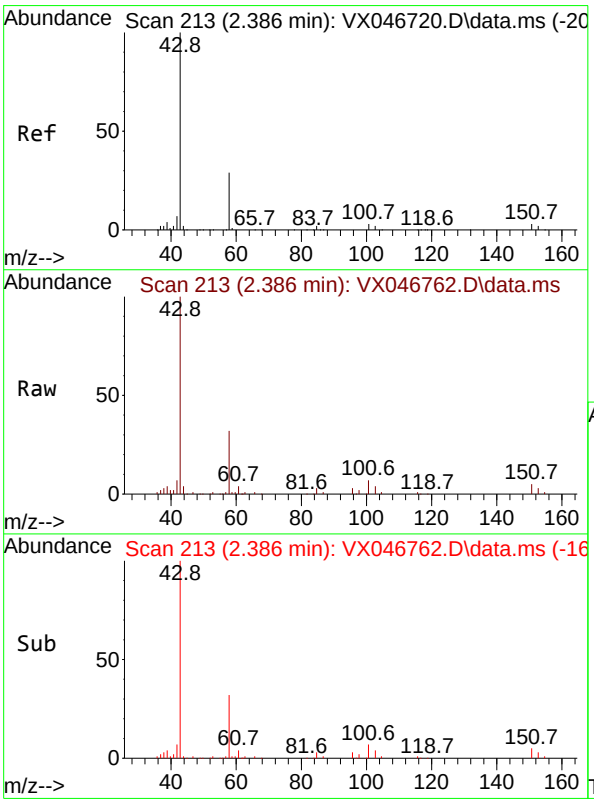
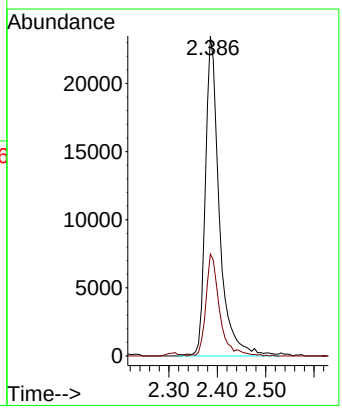
Supervised By :Mahesh Dadoda 06/21/2025

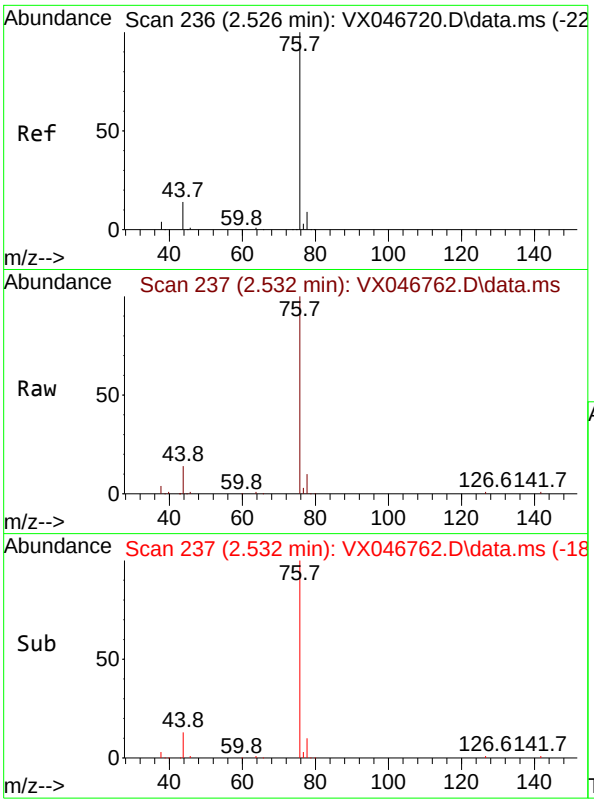


#16
Acetone
Concen: 74.096 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 47143

Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.5	36.7

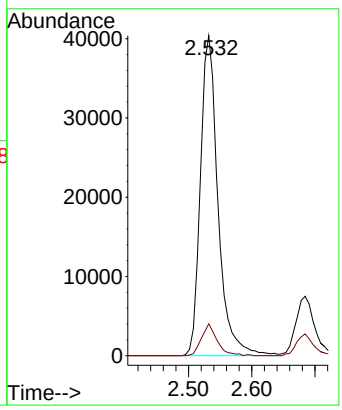




#17
Carbon Disulfide
Concen: 17.041 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 76 Resp: 7840

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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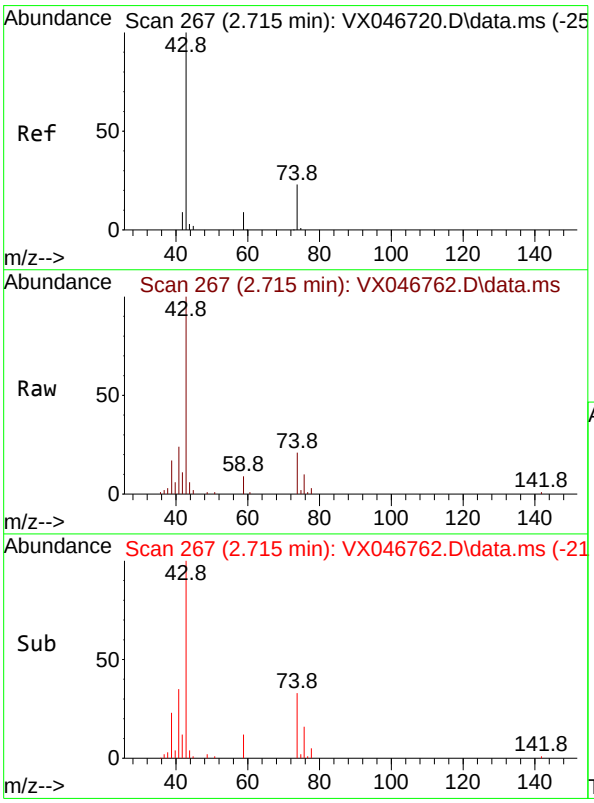
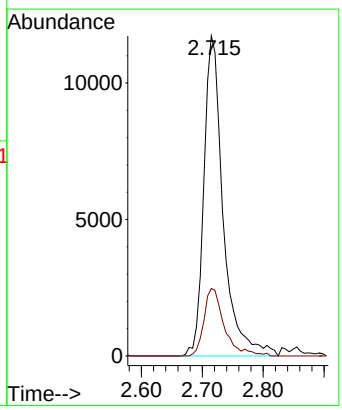
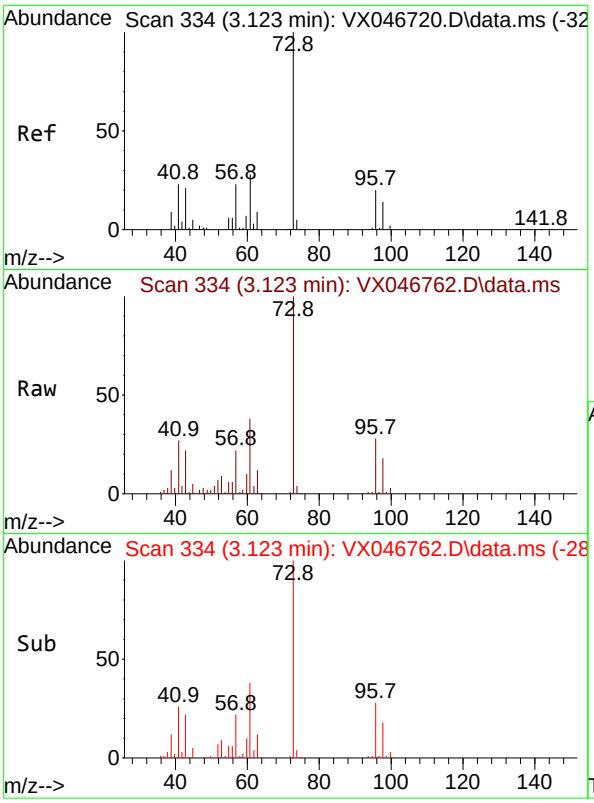


#18
Methyl Acetate
Concen: 16.004 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 25862

Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.4	27.6





#19
Methyl tert-butyl Ether
Concen: 16.997 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 73 Resp: 8063

Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.2	27.2

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
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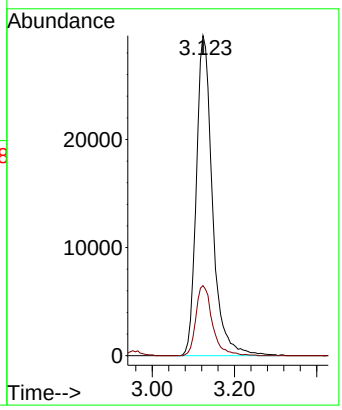
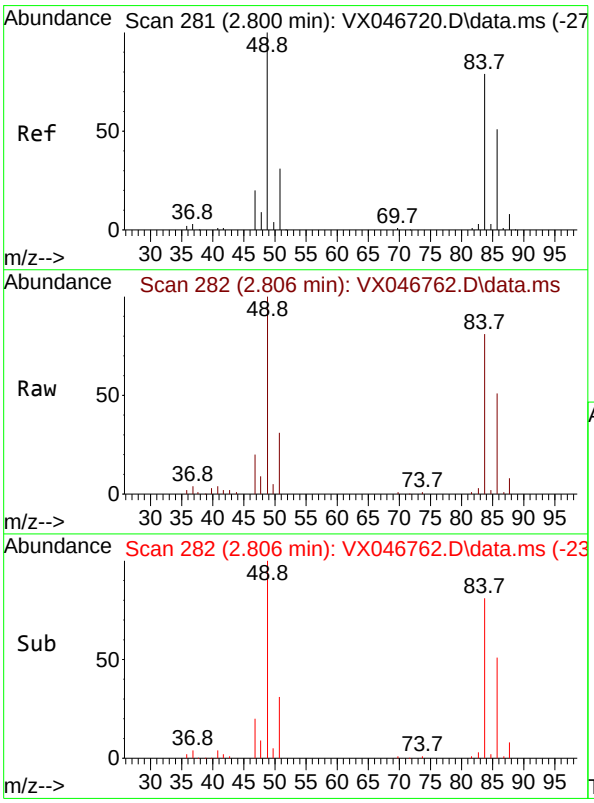
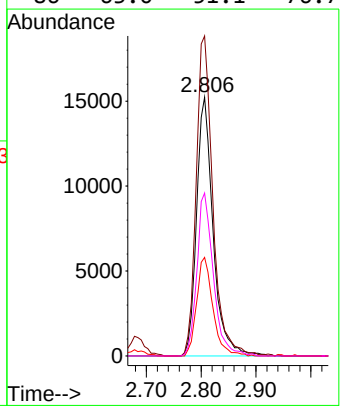


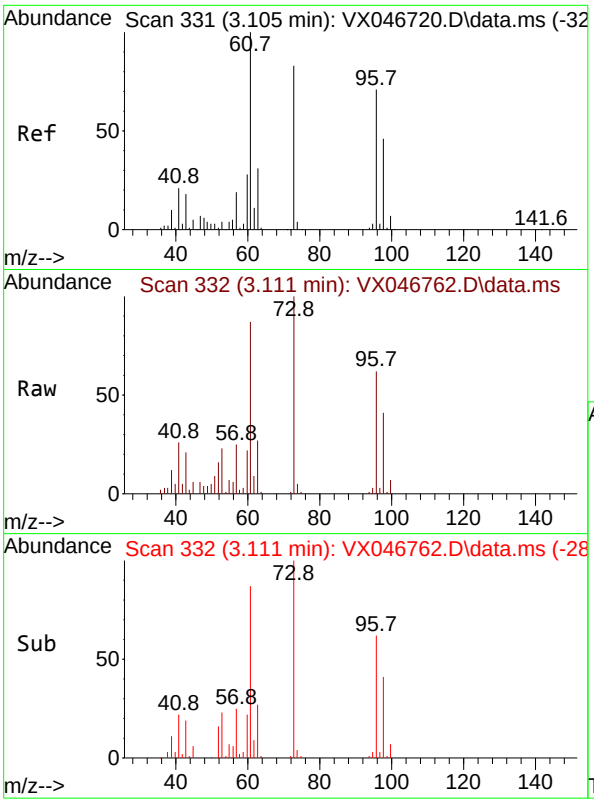


#20
Methylene Chloride
Concen: 18.113 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 84 Resp: 32048

Ion	Ratio	Lower	Upper
84	100		
49	123.7	101.3	151.9
51	38.1	31.0	46.6
86	63.0	51.1	76.7





#21
trans-1,2-Dichloroethene
Concen: 18.253 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 96 Resp: 2975

Ion	Ratio	Lower	Upper
96	100		
61	139.5	112.5	168.7
98	65.5	51.9	77.9

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
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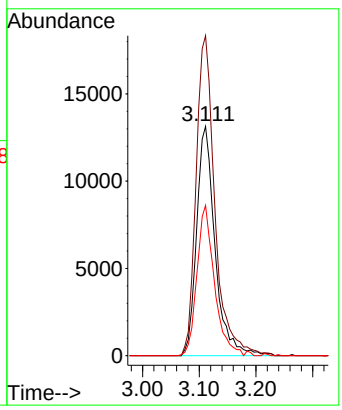
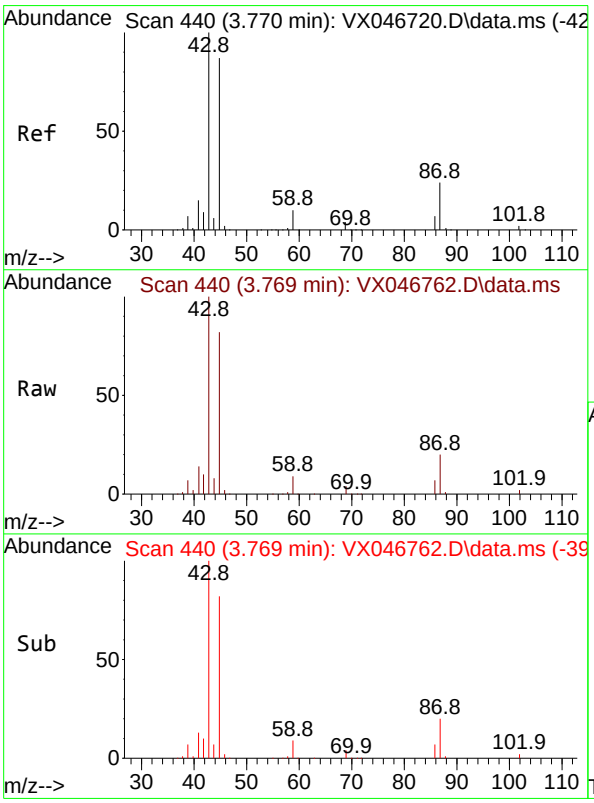
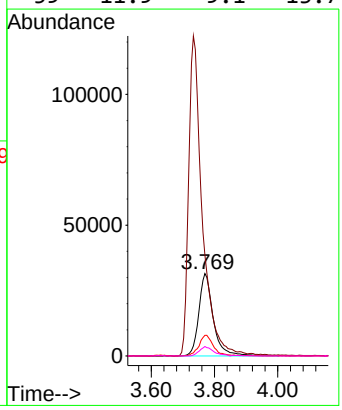


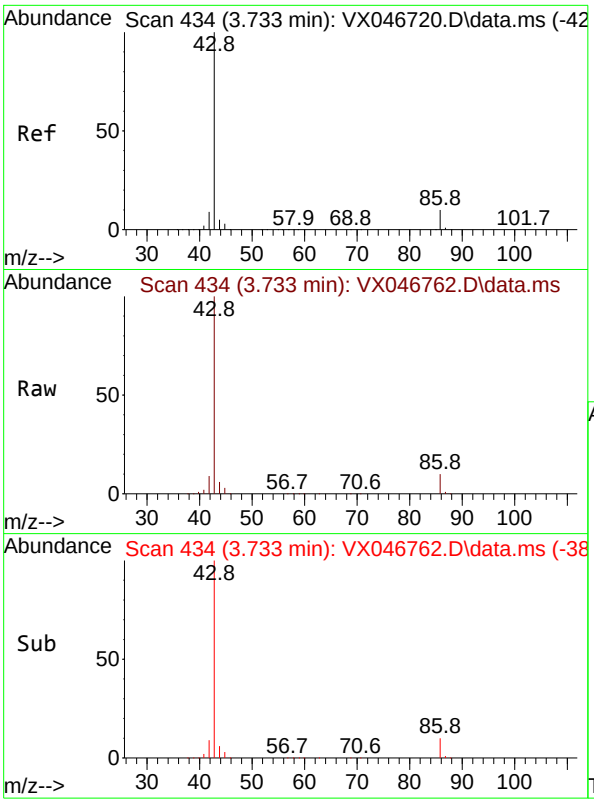


#22
Diisopropyl ether
Concen: 18.921 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 45 Resp: 100392

Ion	Ratio	Lower	Upper
45	100		
43	121.9	91.9	137.9
87	25.0	22.0	33.0
59	11.9	9.1	13.7





#23
Vinyl Acetate
Concen: 86.676 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 36571

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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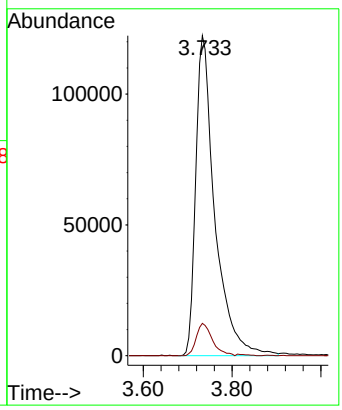
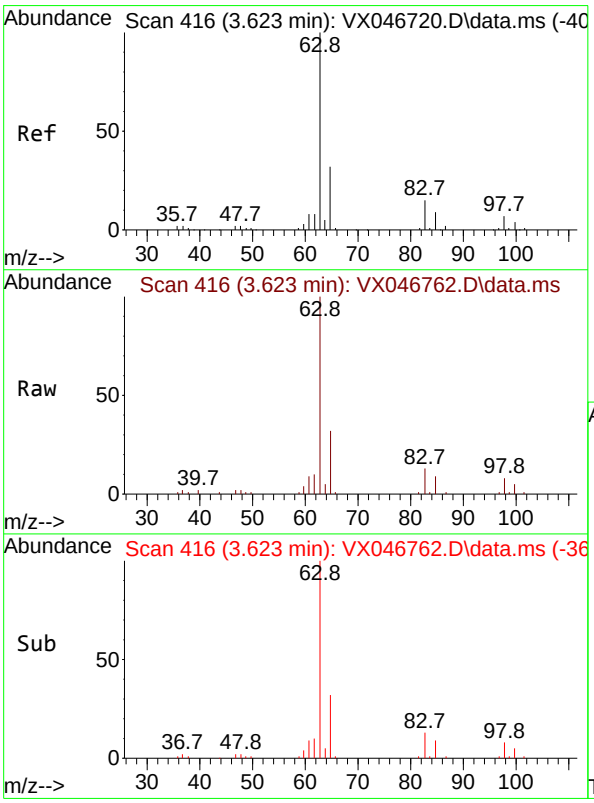
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

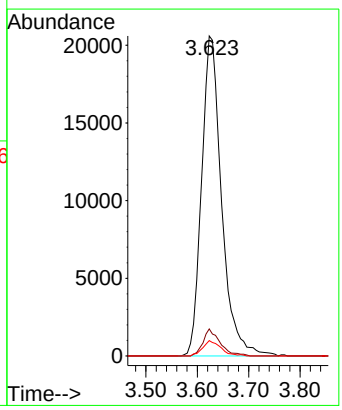


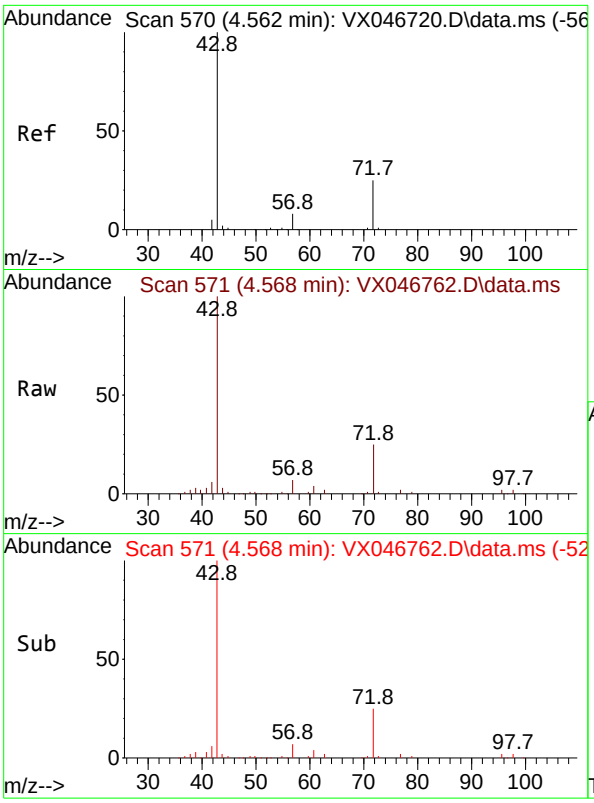


#24
1,1-Dichloroethane
Concen: 18.477 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 63 Resp: 55663

Ion	Ratio	Lower	Upper
63	100		
98	8.5	4.0	11.9
100	4.8	2.2	6.6

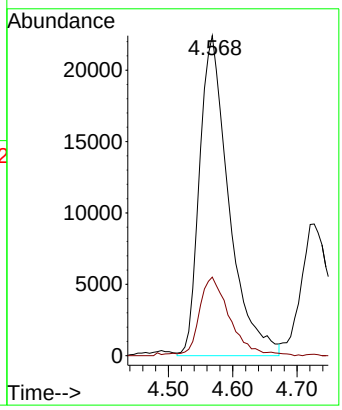




#25
2-Butanone
Concen: 78.864 ug/l m
RT: 4.568 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 7096

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.2	30.4



Instrument :
MSVOA_X
ClientSampleId :
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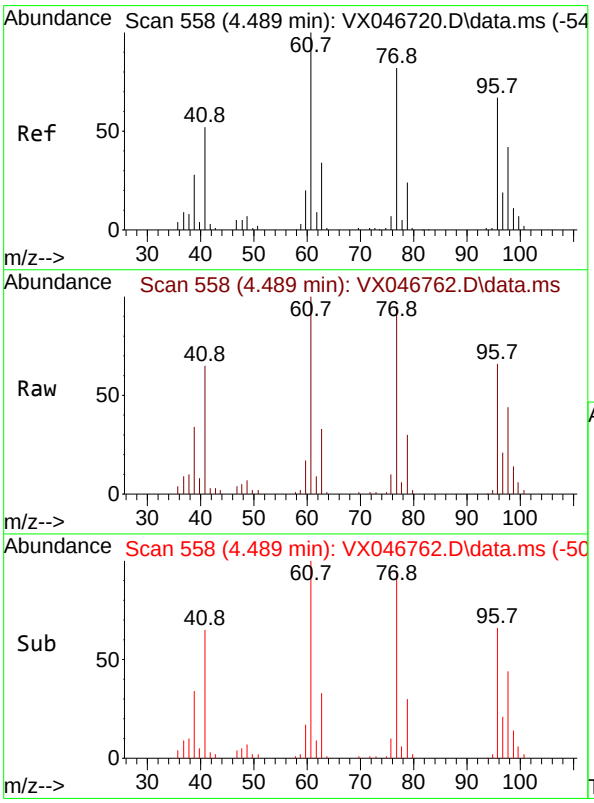
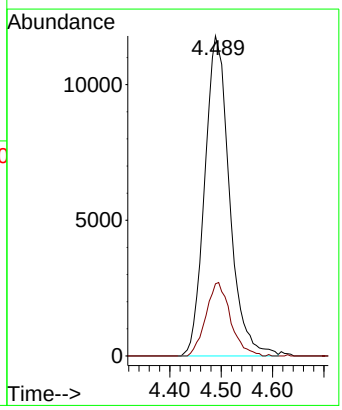
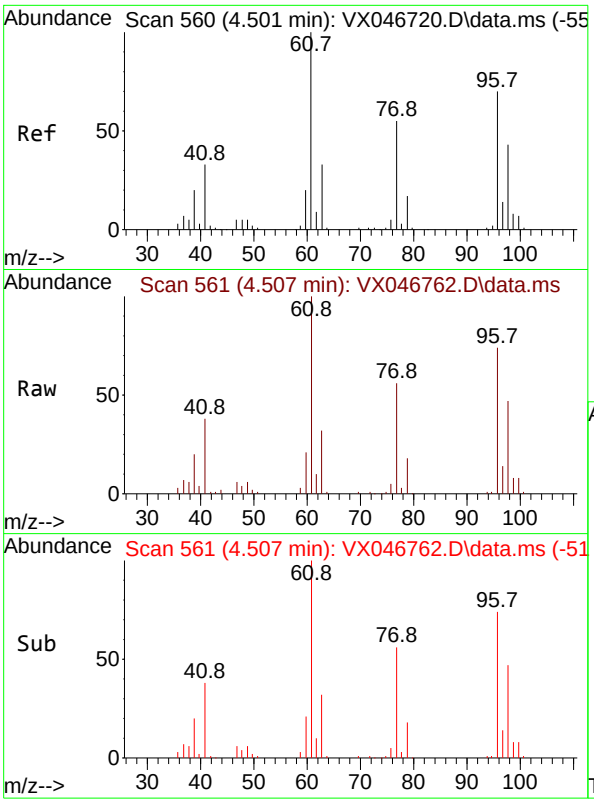


#26
2,2-Dichloropropane
Concen: 17.951 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 77 Resp: 39442

Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.8	35.3





#27
cis-1,2-Dichloroethene
Concen: 18.560 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 96 Resp: 3554

Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	291.0
98	64.5	0.0	126.8

Instrument :
MSVOA_X
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VX0619WBS01

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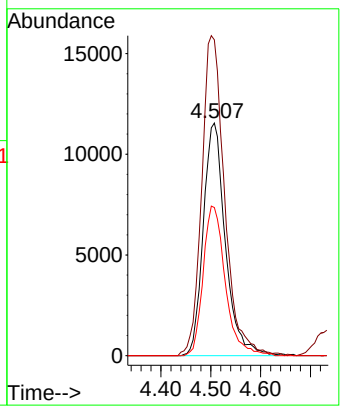
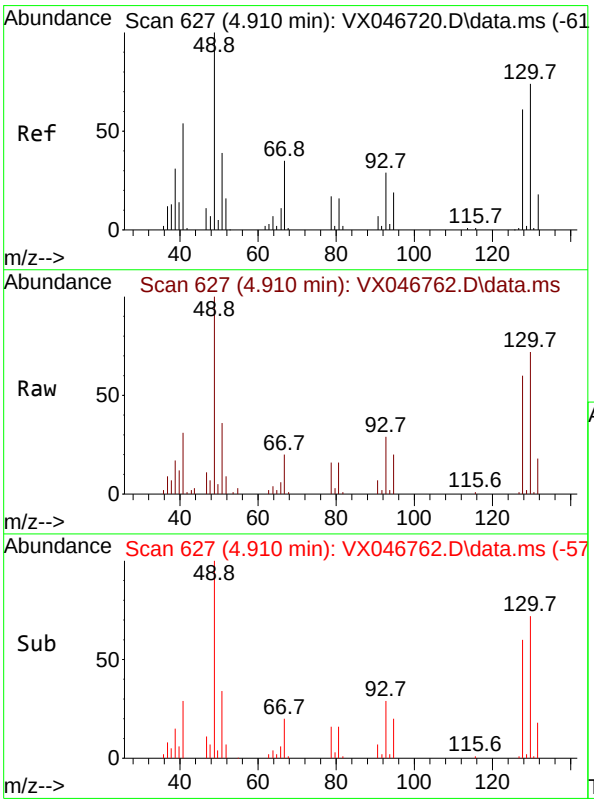
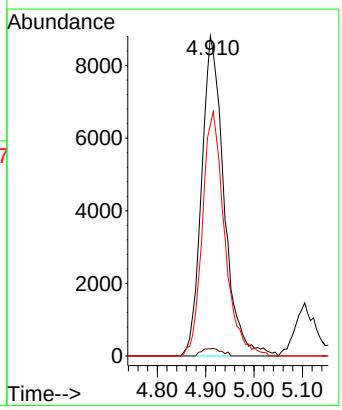


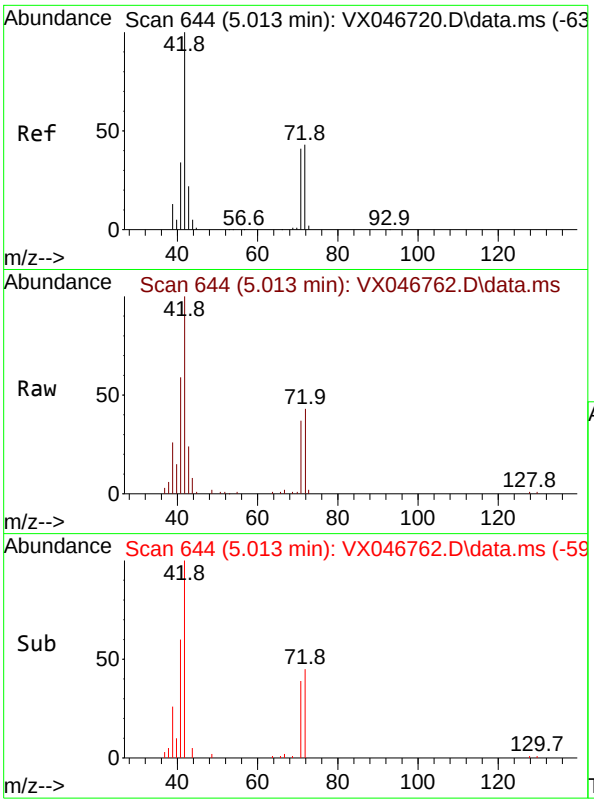


#28
Bromochloromethane
Concen: 20.816 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 49 Resp: 28430

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	75.5	61.4	92.0





#29
Tetrahydrofuran
Concen: 76.721 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 42 Resp: 4459

Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.9	52.3
71	41.1	32.2	48.2

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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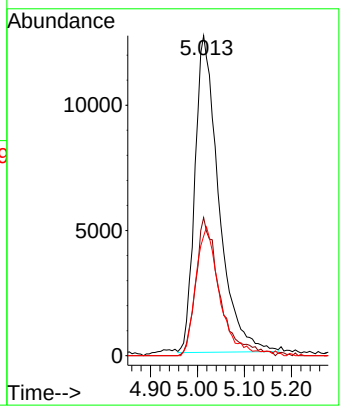
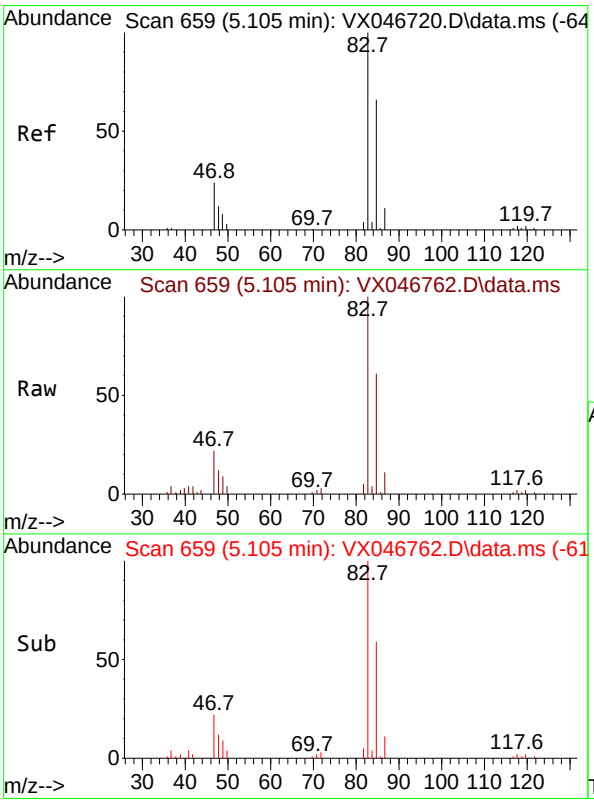
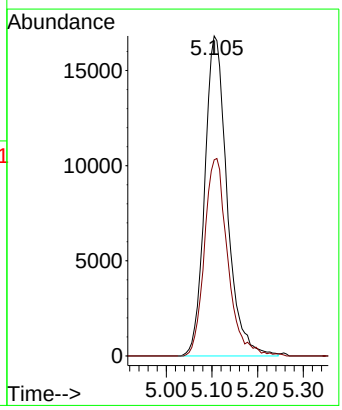


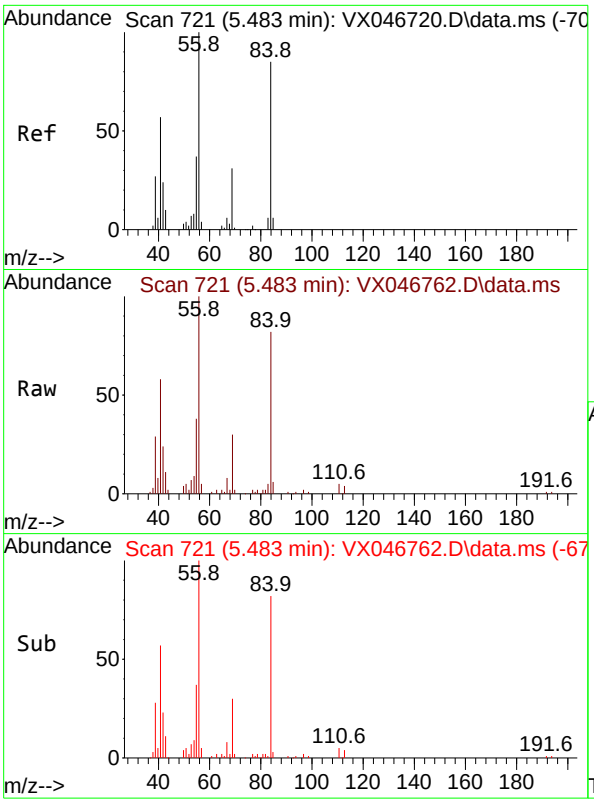


#30
Chloroform
Concen: 18.982 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 83 Resp: 57187

Ion	Ratio	Lower	Upper
83	100		
85	61.3	53.7	80.5





#31
Cyclohexane
Concen: 18.836 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 56 Resp: 5381

Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.8	37.2
84	81.2	68.2	102.2

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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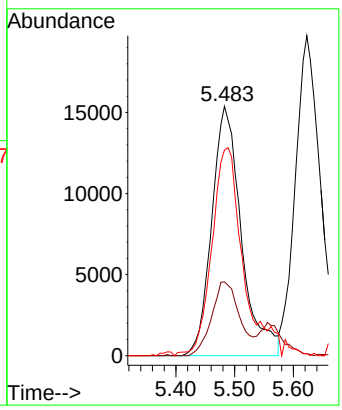
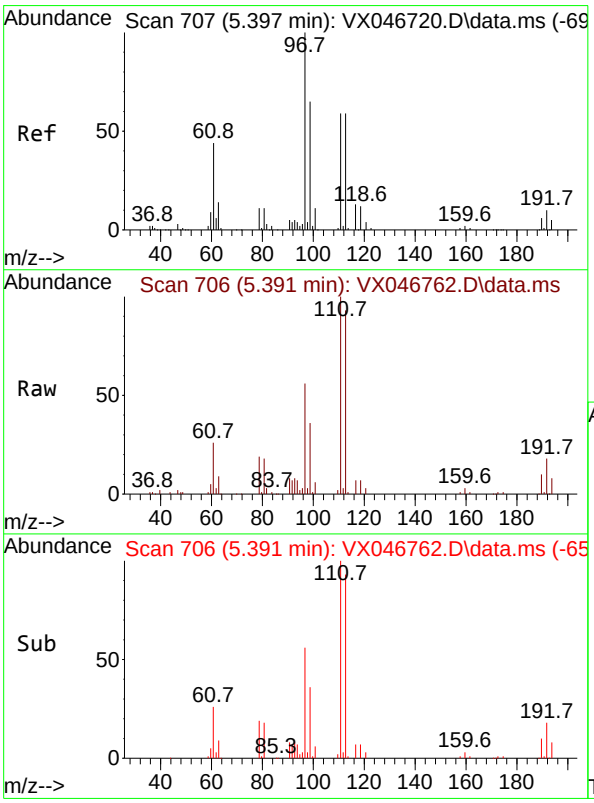
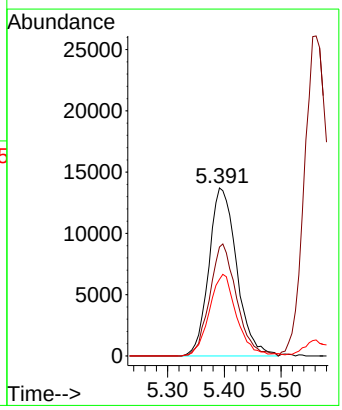


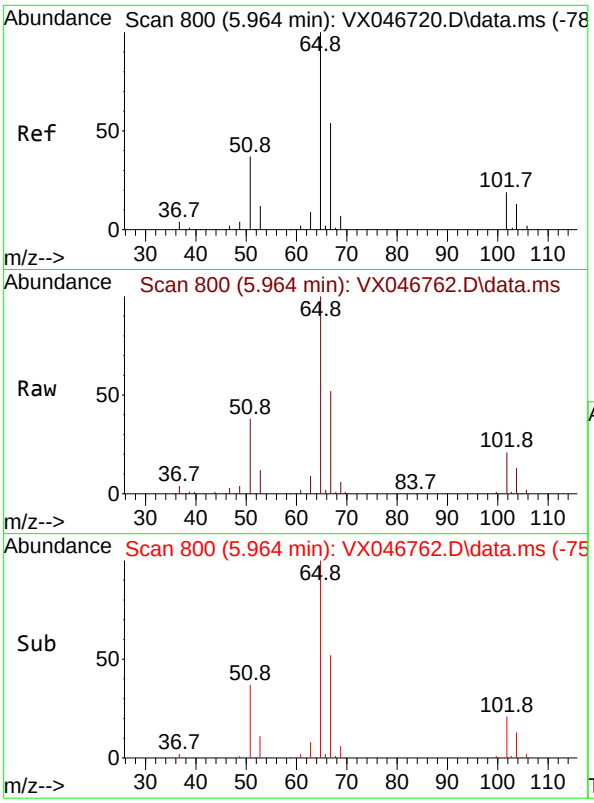


#32
1,1,1-Trichloroethane
Concen: 17.665 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 97 Resp: 46675

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	47.4	36.4	54.6

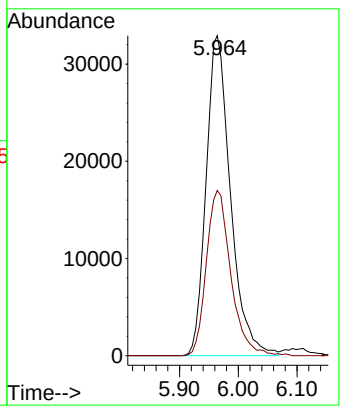




#33
1,2-Dichloroethane-d4
Concen: 49.765 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 65 Resp: 9494

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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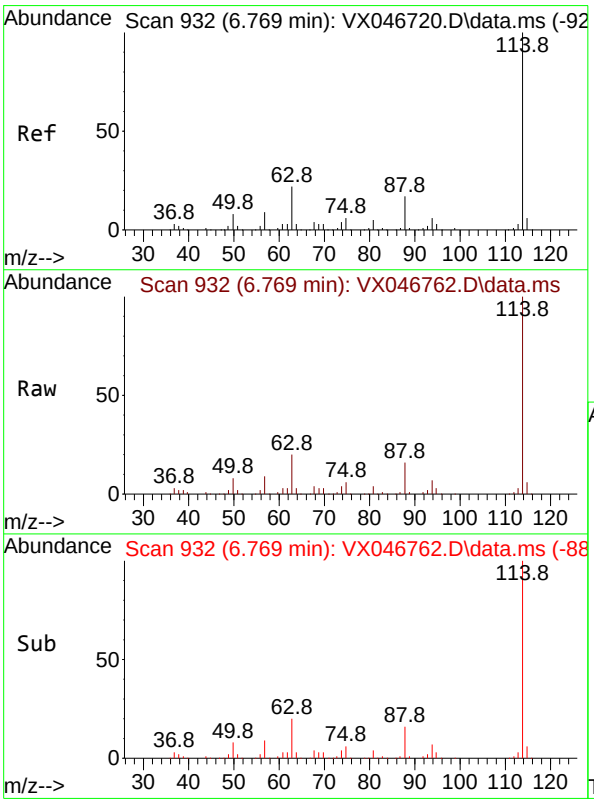
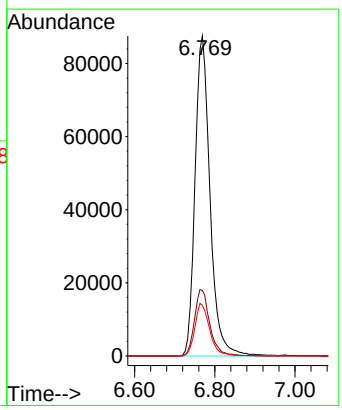
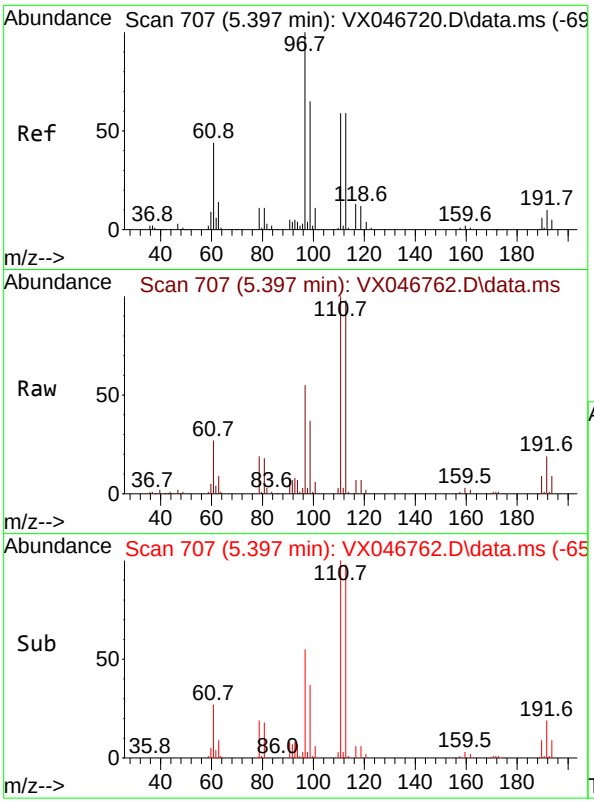


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:114 Resp: 227140

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.2
88	15.8	0.0	33.2

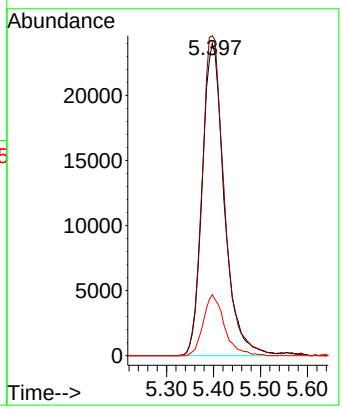




#35
Dibromofluoromethane
Concen: 52.032 ug/l
RT: 5.397 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:113 Resp: 7819(

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	18.8	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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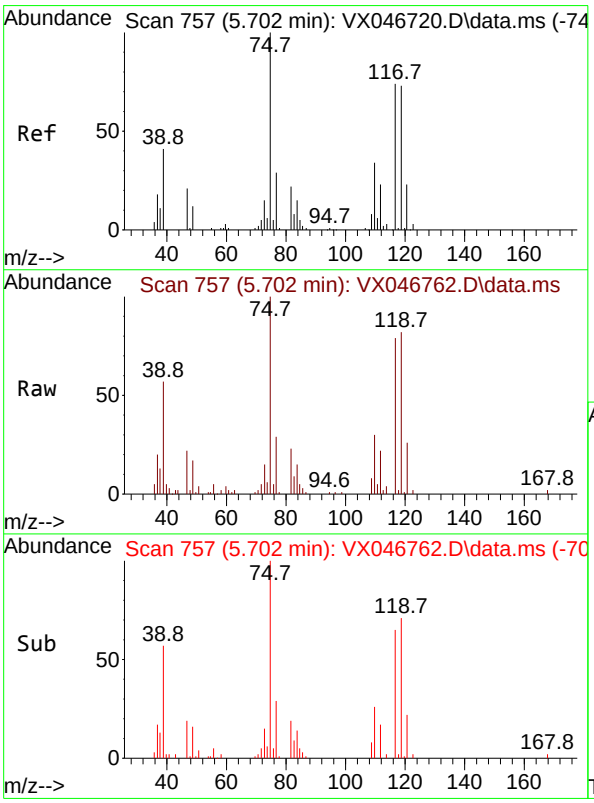
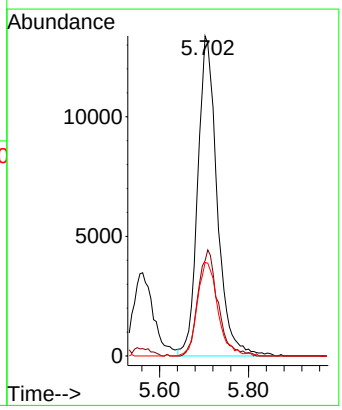
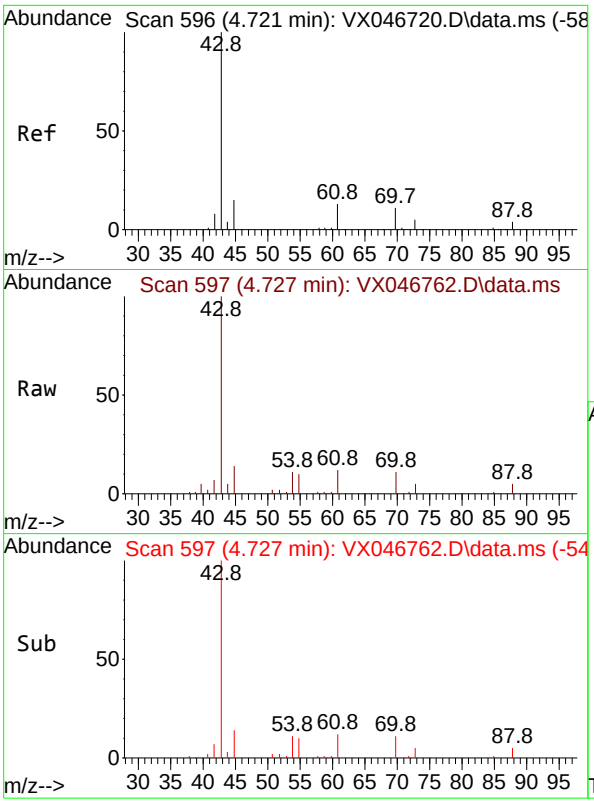


#36
1,1-Dichloropropene
Concen: 18.754 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 75 Resp: 40684

Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.2	51.5
77	31.1	24.2	36.4





#37
Ethyl Acetate
Concen: 15.895 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 3182

Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.7	14.5
70	9.5	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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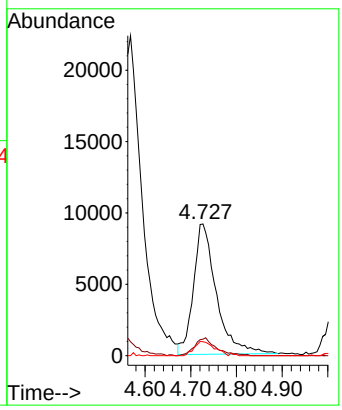
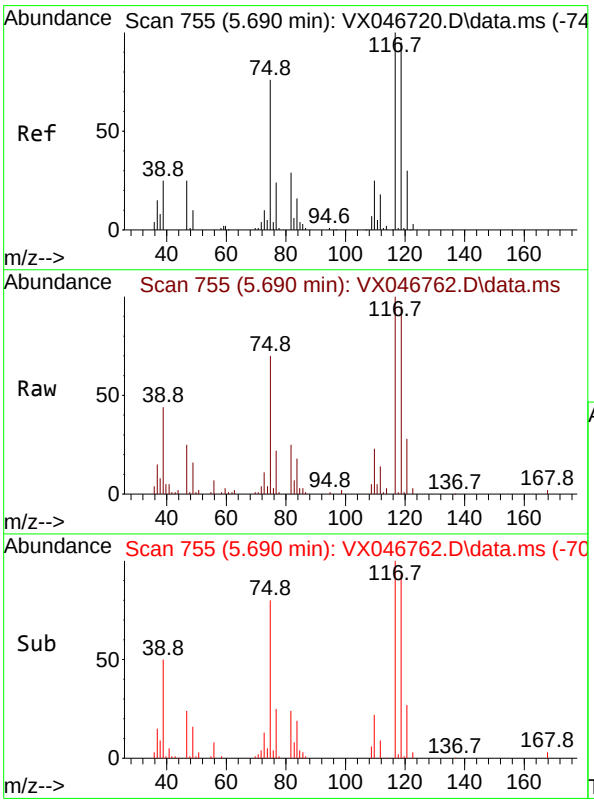
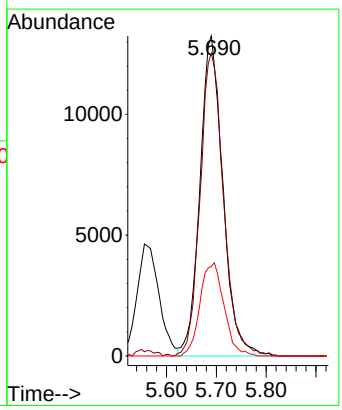


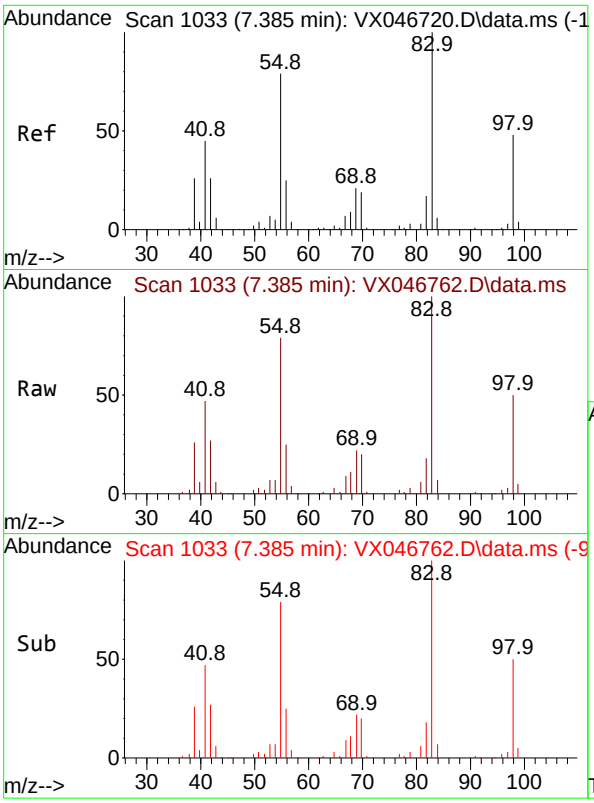


#38
Carbon Tetrachloride
Concen: 18.031 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:117 Resp: 42451

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.2	112.8
121	28.0	24.1	36.1

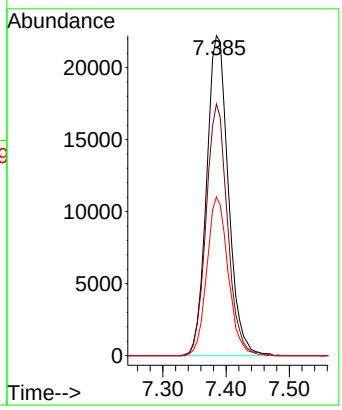




#39
Methylcyclohexane
Concen: 18.541 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 83 Resp: 5293

Ion	Ratio	Lower	Upper
83	100		
55	78.7	63.0	94.4
98	49.6	38.8	58.2



Instrument :
MSVOA_X
ClientSampleId :
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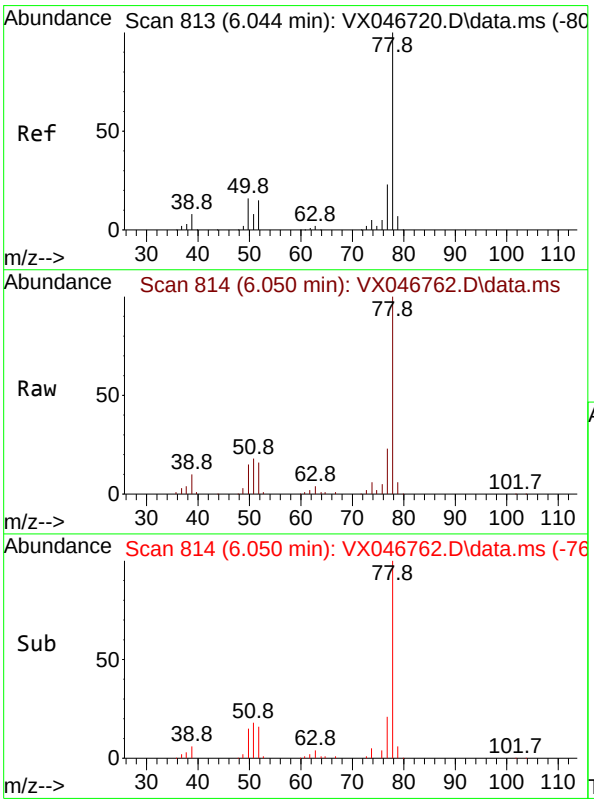
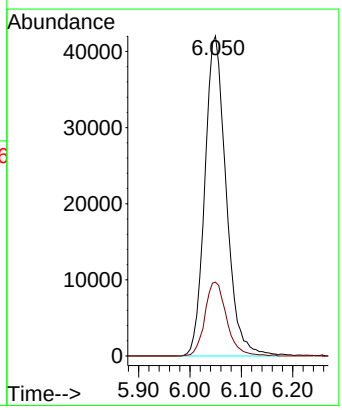
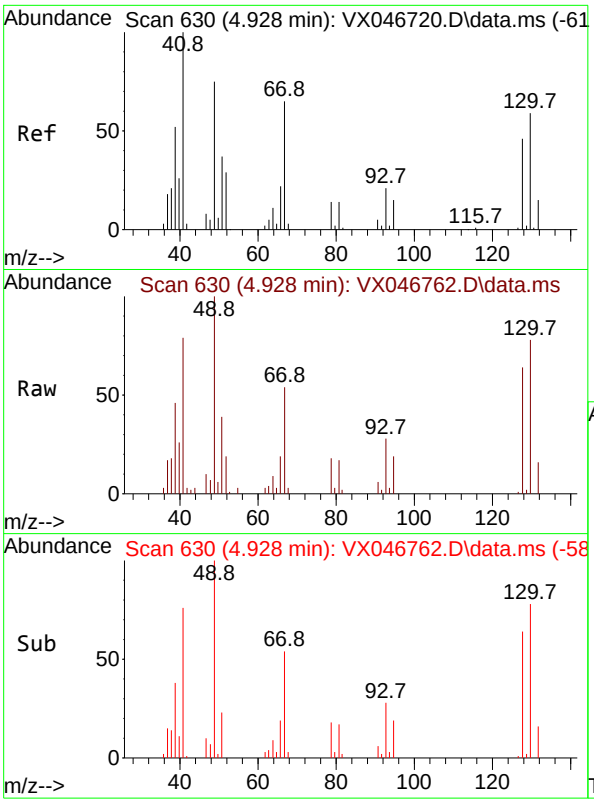


#40
Benzene
Concen: 18.864 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 78 Resp: 121111

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2

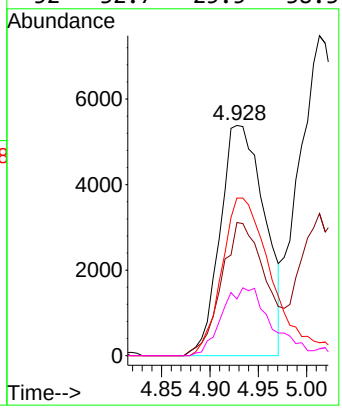




#41
Methacrylonitrile
Concen: 16.137 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 41 Resp: 1722

Ion	Ratio	Lower	Upper
41	100		
39	58.4	45.9	68.9
67	77.6	61.2	91.8
52	32.7	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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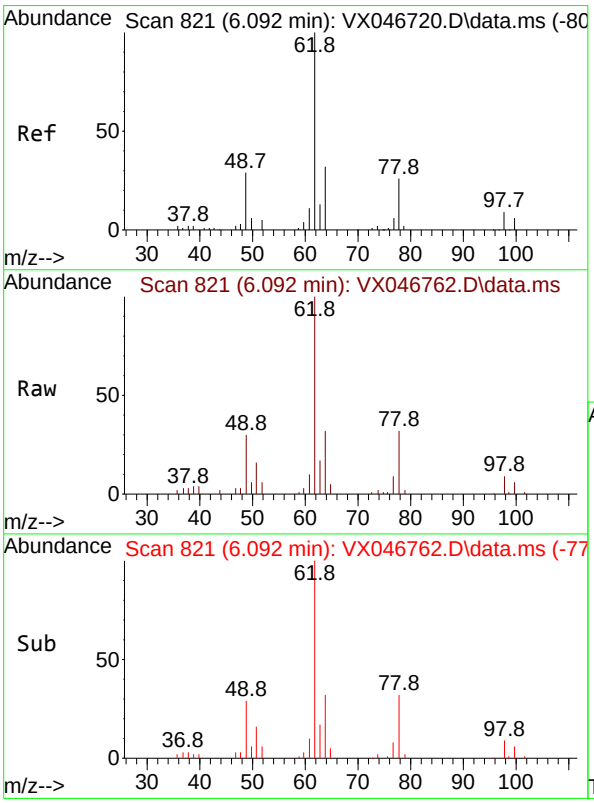
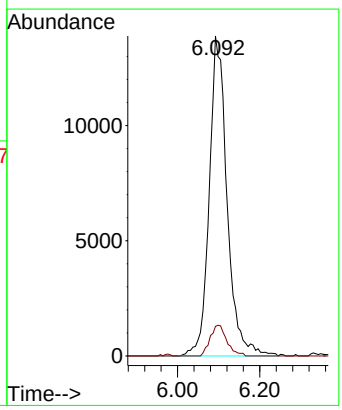
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

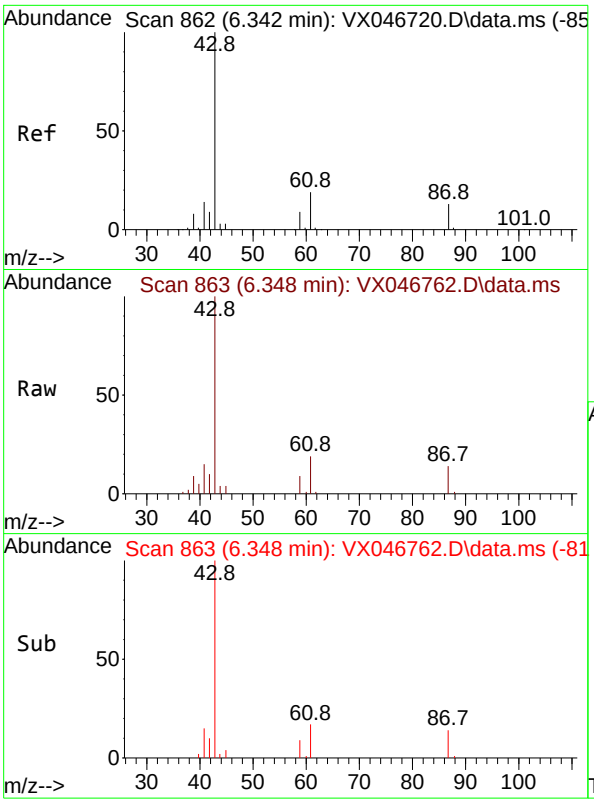


#42
1,2-Dichloroethane
Concen: 18.518 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 62 Resp: 41780

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8





#43
Isopropyl Acetate
Concen: 16.286 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 5103

Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.3	22.9
87	12.0	10.0	15.0

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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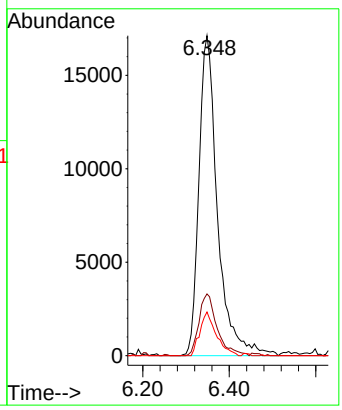
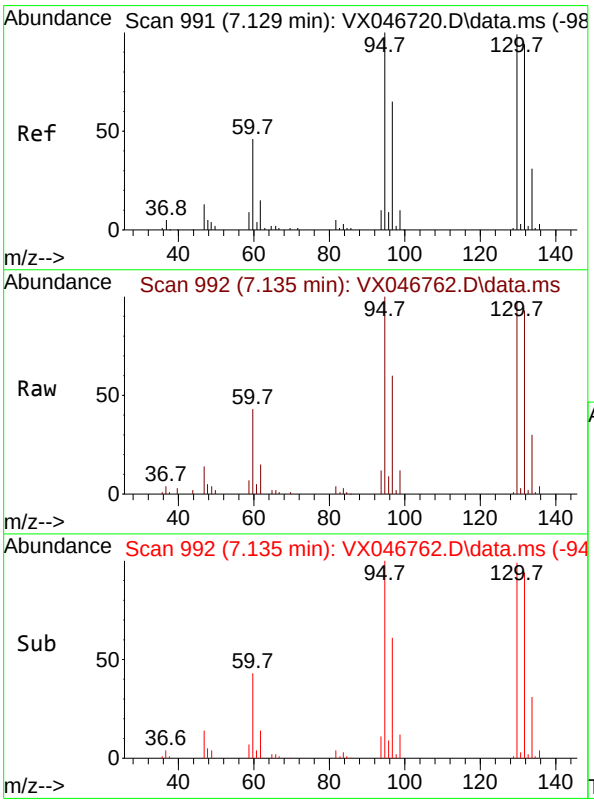
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

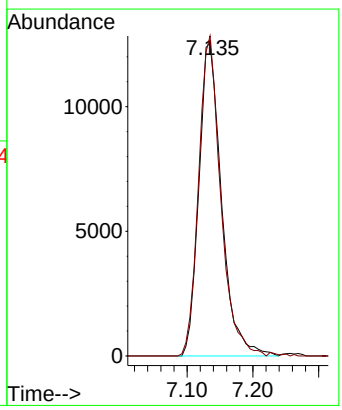


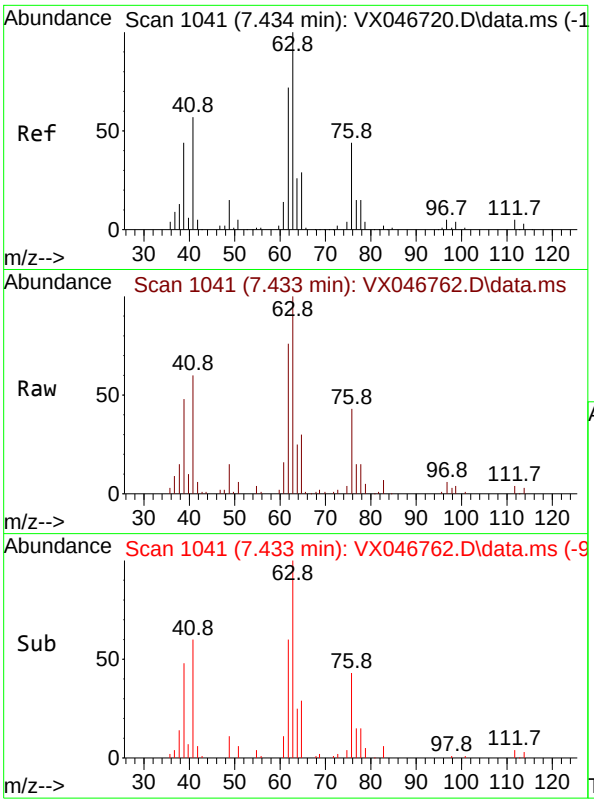


#44
Trichloroethene
Concen: 18.392 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:130 Resp: 30093

Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	202.6





#45
1,2-Dichloropropane
Concen: 18.429 ug/l
RT: 7.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 63 Resp: 2932

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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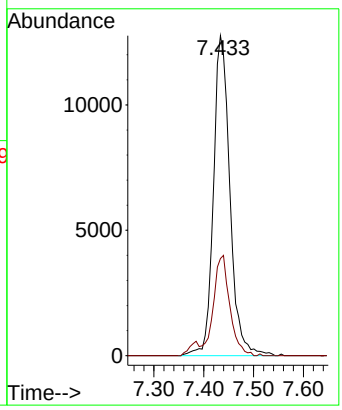
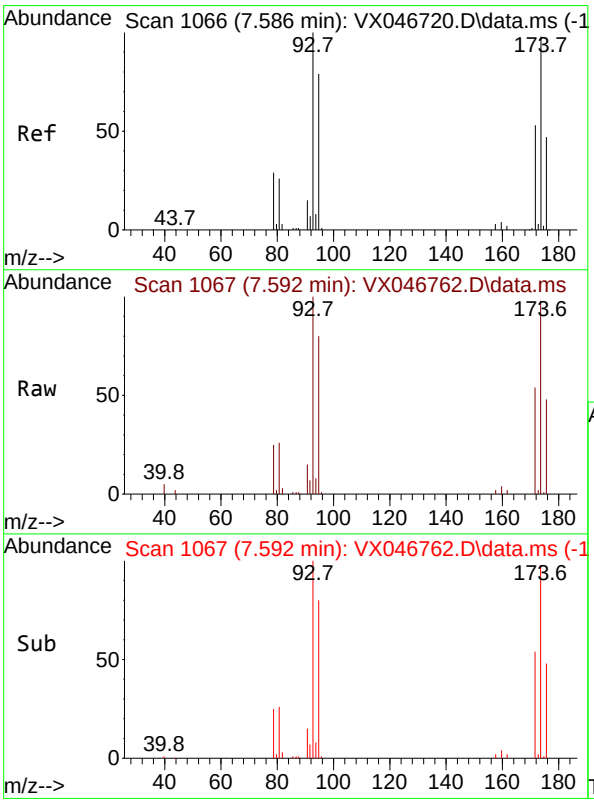
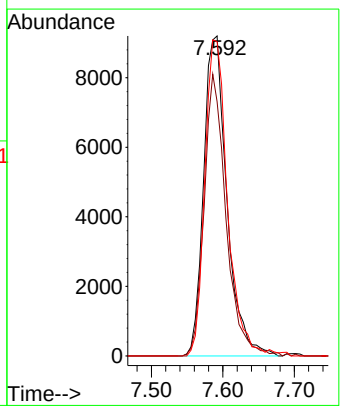


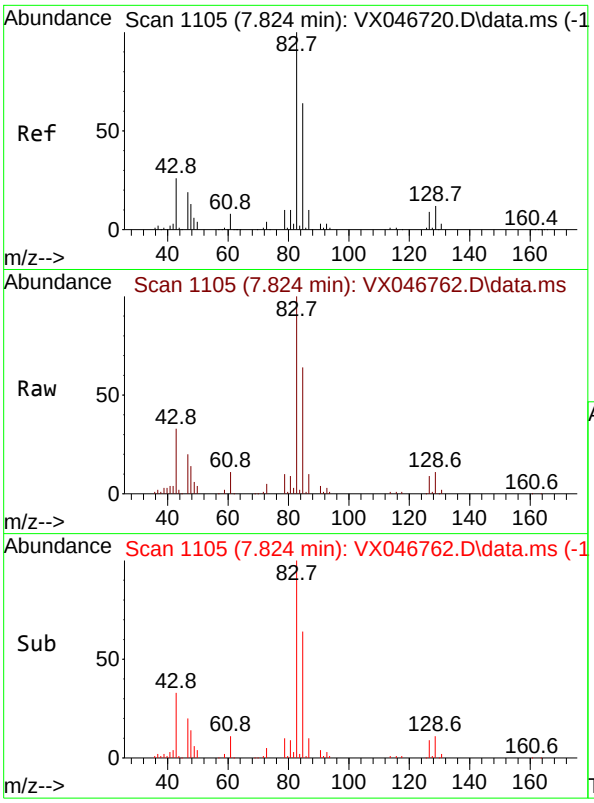


#46
Dibromomethane
Concen: 18.181 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 93 Resp: 20791

Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.2	99.4
174	97.3	77.0	115.6

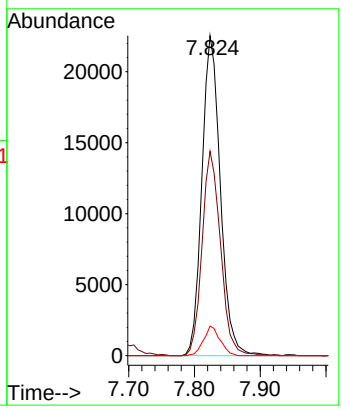




#47
Bromodichloromethane
Concen: 18.870 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 83 Resp: 4403

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.4	77.2
127	9.3	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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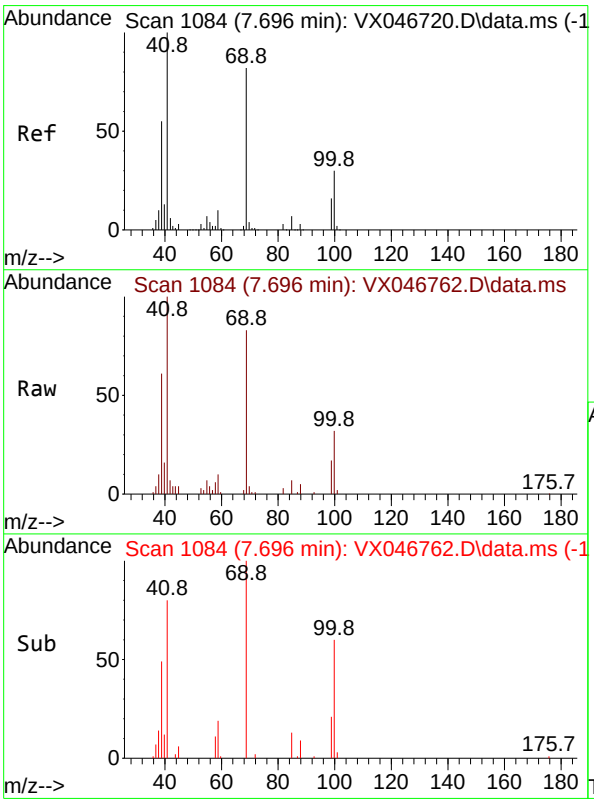
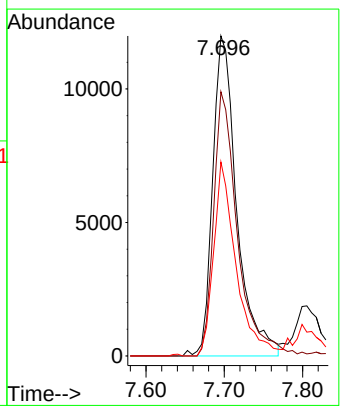
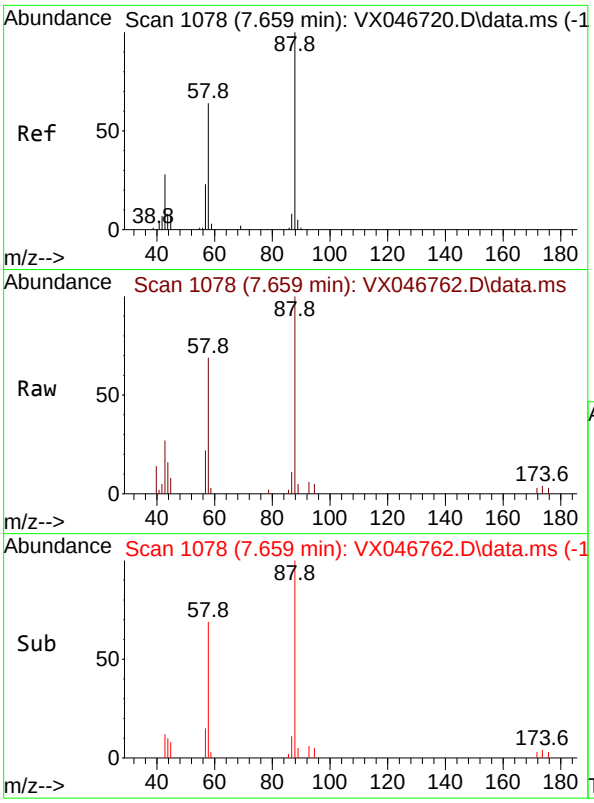


#48
Methyl methacrylate
Concen: 16.301 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 41 Resp: 25618

Ion	Ratio	Lower	Upper
41	100		
69	82.0	63.4	95.2
39	57.0	45.4	68.0





#49
1,4-Dioxane
Concen: 299.149 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 88 Resp: 637

Ion	Ratio	Lower	Upper
88	100		
43	38.3	31.2	46.8
58	75.1	54.7	82.1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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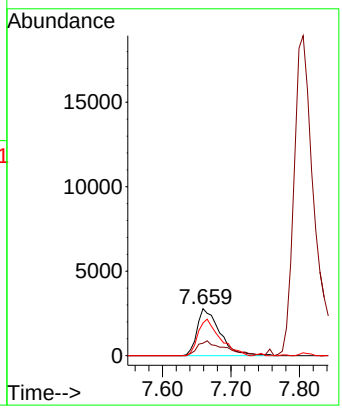
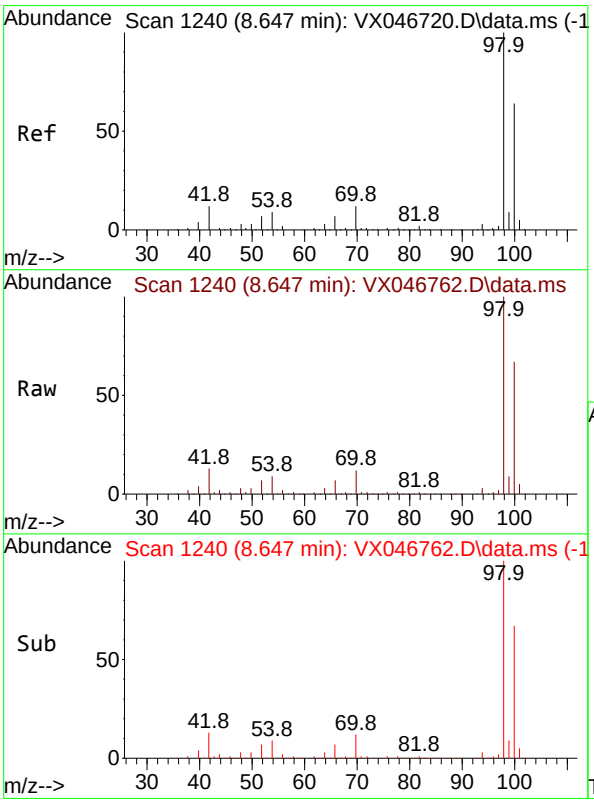
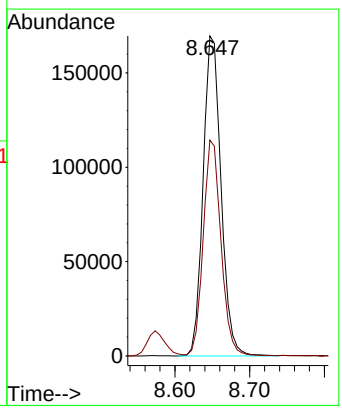


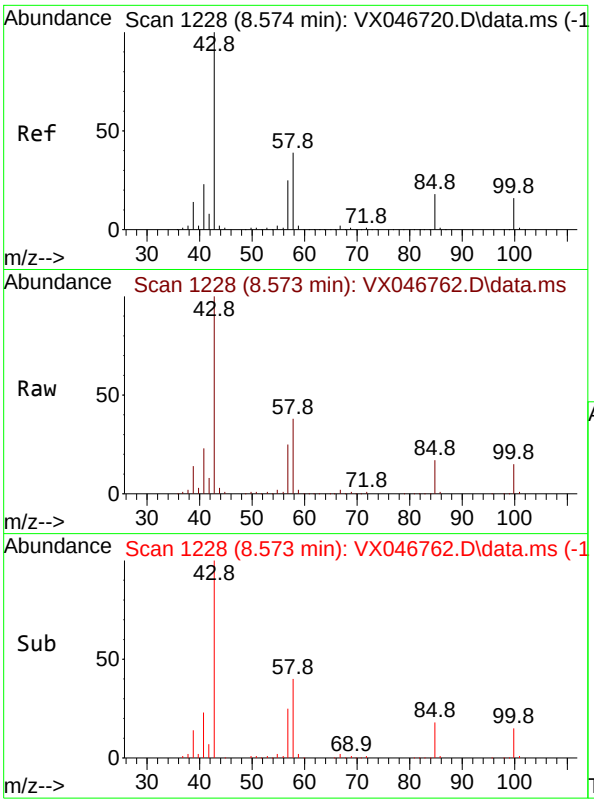


#50
Toluene-d8
Concen: 52.340 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 98 Resp: 282602

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

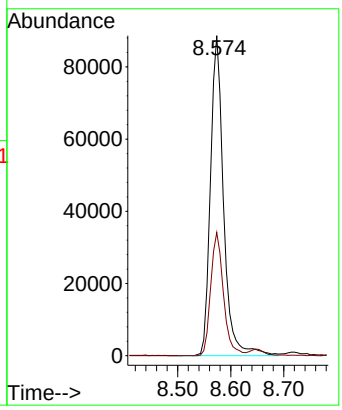




#51
4-Methyl-2-Pentanone
Concen: 81.636 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 15256

Ion	Ratio	Lower	Upper
43	100		
58	37.5	30.8	46.2



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
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Reviewed By :John Carlone 06/20/2025
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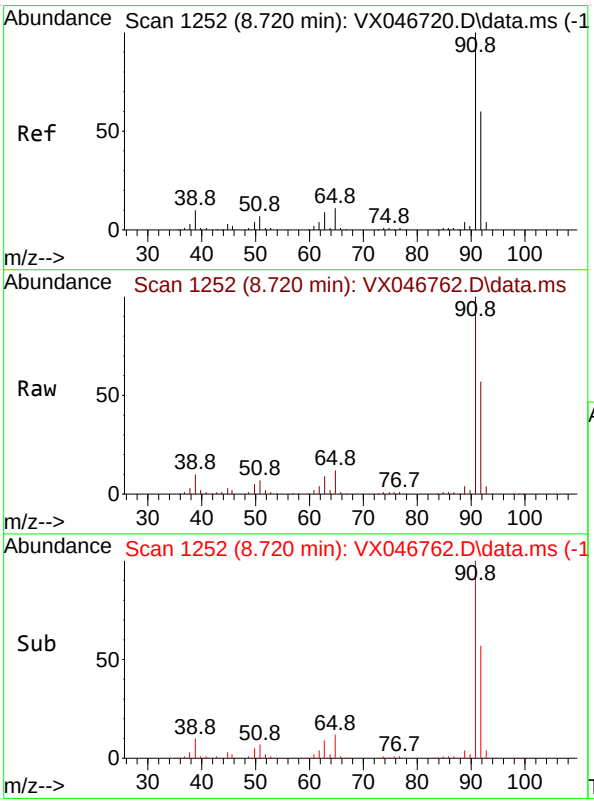
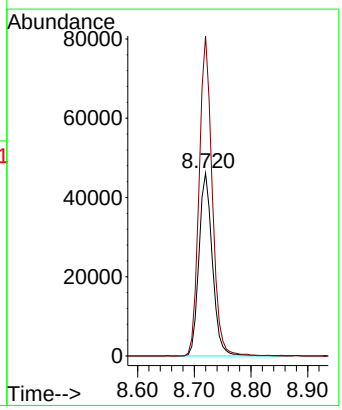
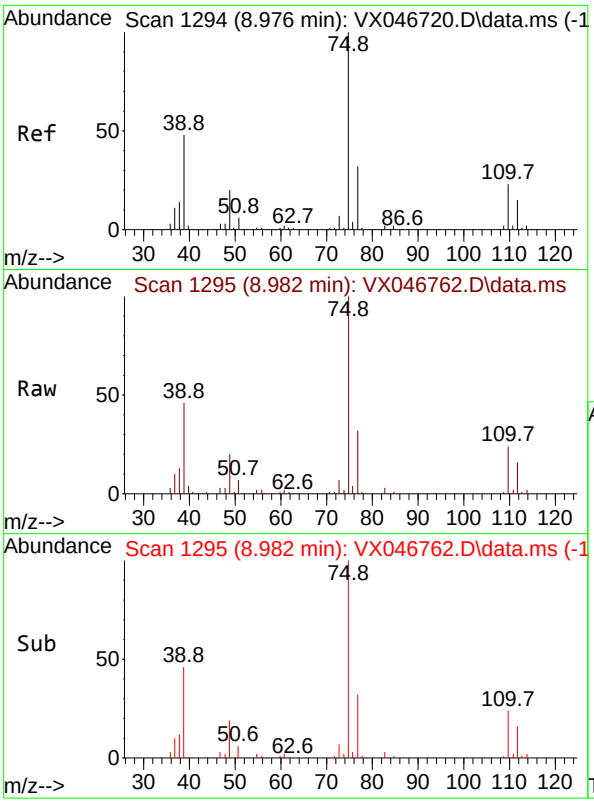


#52
Toluene
Concen: 19.048 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 92 Resp: 75814

Ion	Ratio	Lower	Upper
92	100		
91	170.6	134.8	202.2

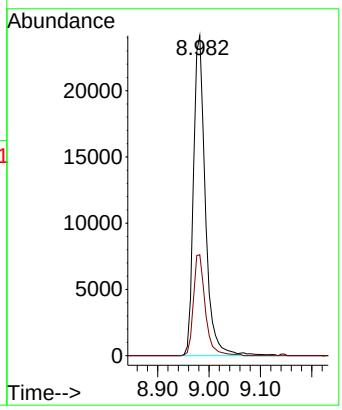




#53
t-1,3-Dichloropropene
Concen: 17.985 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 75 Resp: 3894

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
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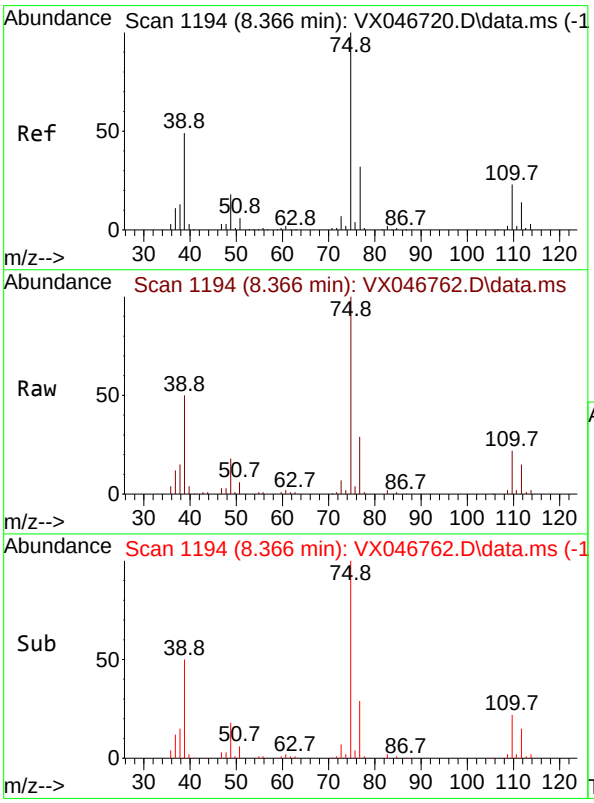
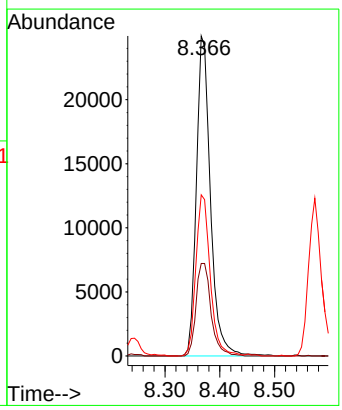
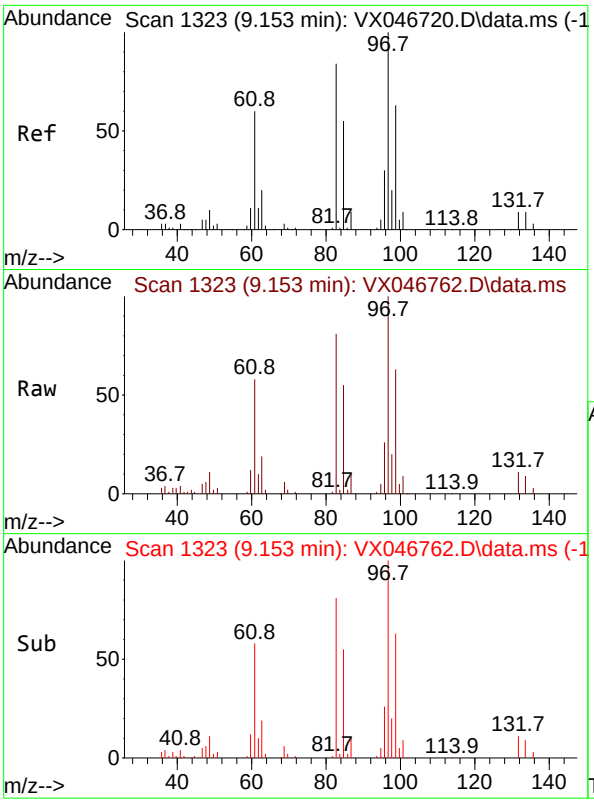


#54
cis-1,3-Dichloropropene
Concen: 18.171 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 75 Resp: 44663

Ion	Ratio	Lower	Upper
75	100		
77	28.9	25.3	37.9
39	48.7	39.2	58.8

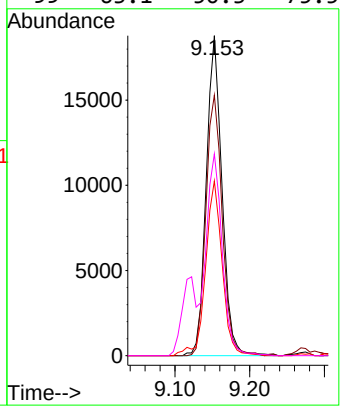




#55
1,1,2-Trichloroethane
Concen: 18.544 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 97 Resp: 2750

Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.2	100.8
85	54.6	44.1	66.1
99	63.1	50.3	75.5



Instrument :
MSVOA_X
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VX0619WBS01

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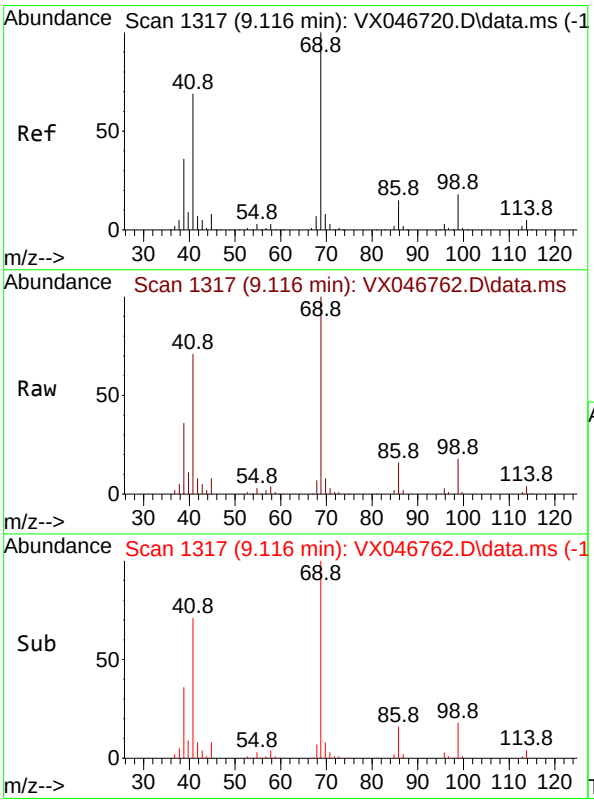
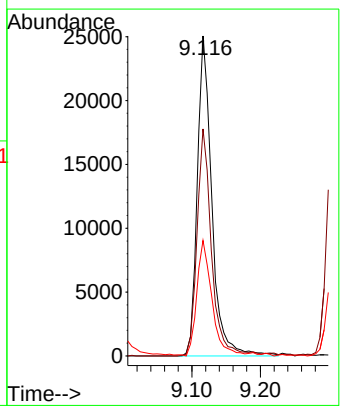
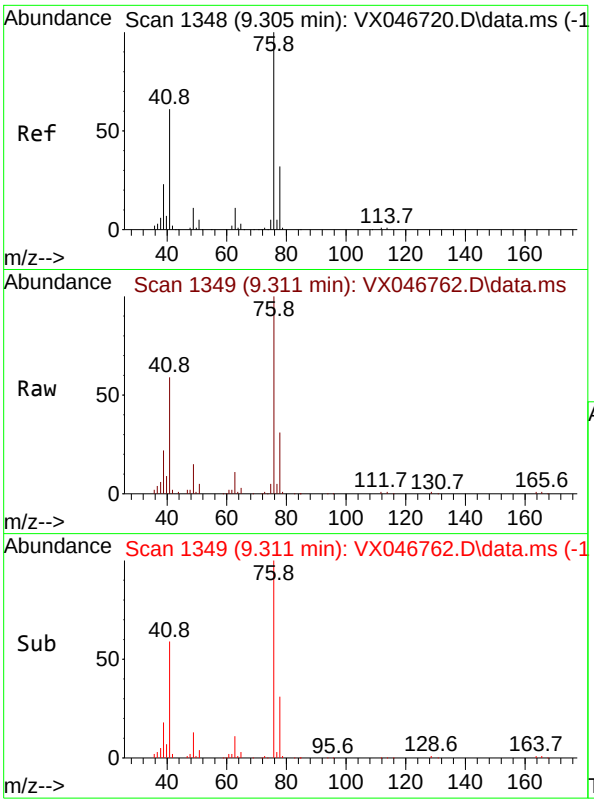


#56
Ethyl methacrylate
Concen: 16.942 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 69 Resp: 37095

Ion	Ratio	Lower	Upper
69	100		
41	70.6	55.4	83.2
39	36.2	29.7	44.5

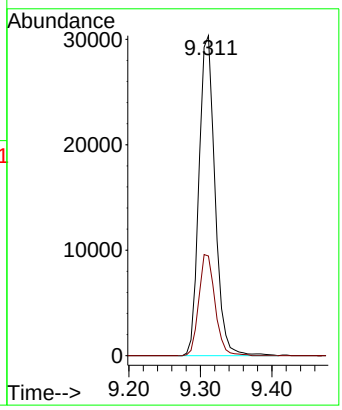




#57
1,3-Dichloropropane
Concen: 18.484 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 76 Resp: 4721

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.7	38.5



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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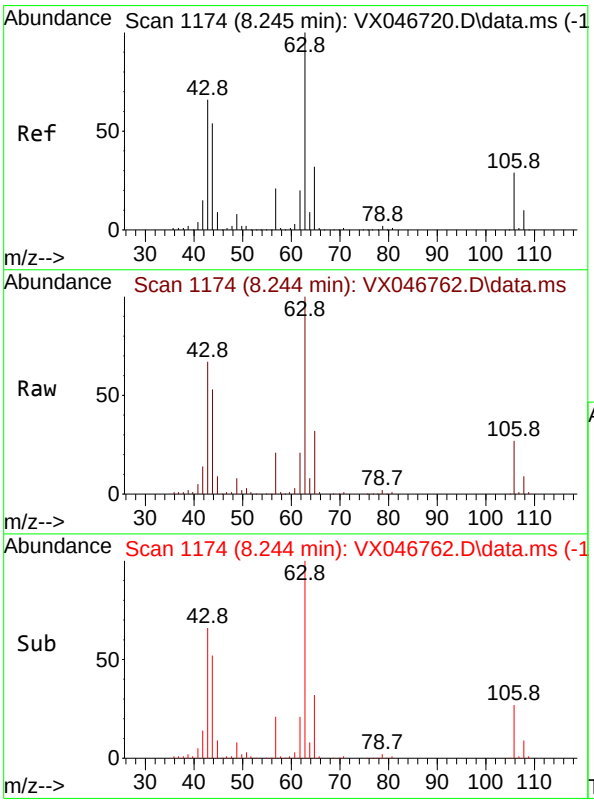
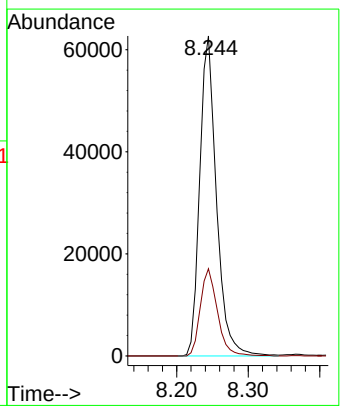
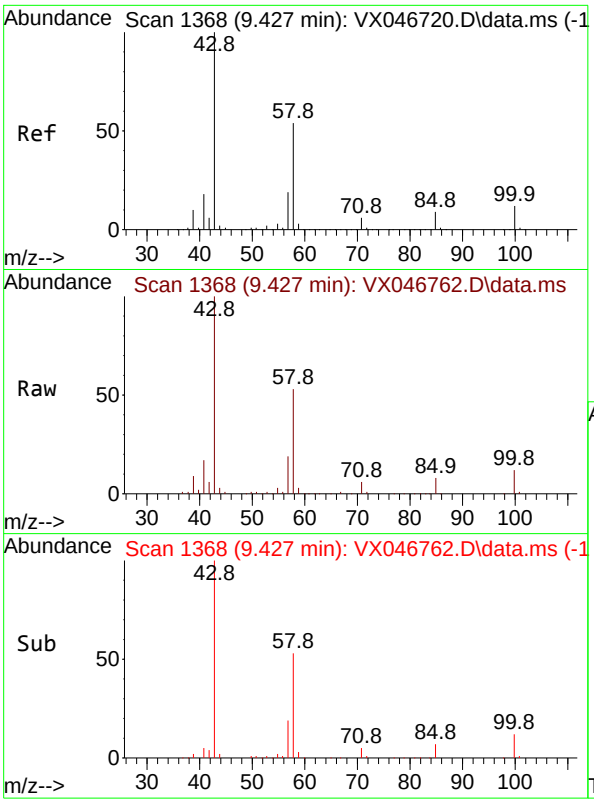


#58
2-Chloroethyl Vinyl ether
Concen: 89.565 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 63 Resp: 101869

Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.6	34.0





#59
2-Hexanone
Concen: 78.935 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 10198

Ion	Ratio	Lower	Upper
43	100		
58	53.7	26.8	80.4

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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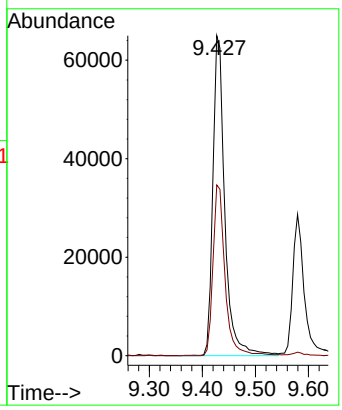
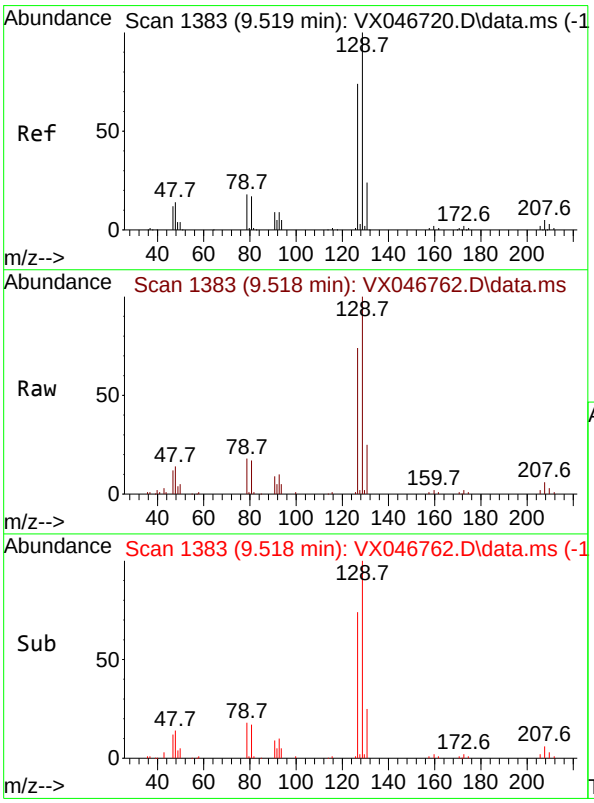
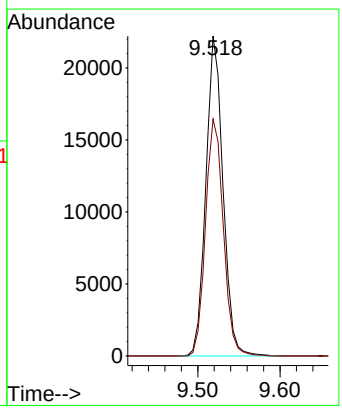


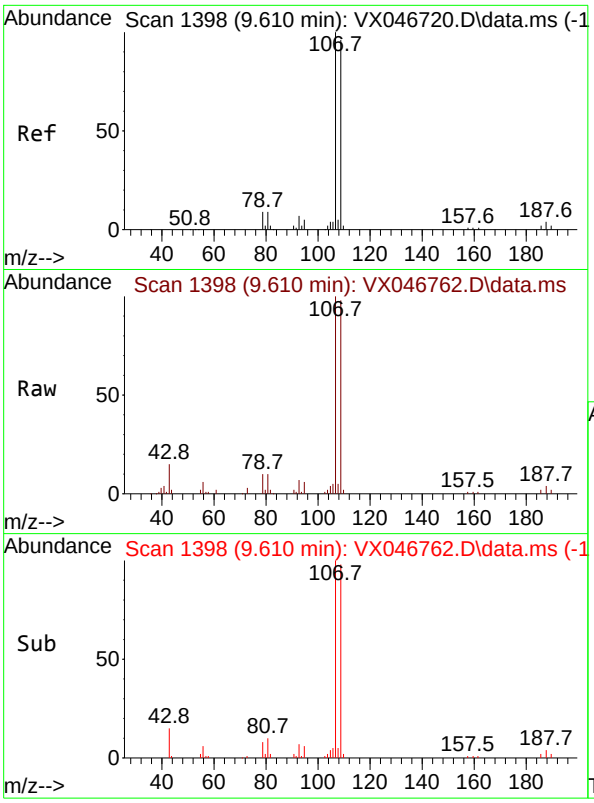


#60
Dibromochloromethane
Concen: 18.395 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:129 Resp: 32154

Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.4	115.2





#61
1,2-Dibromoethane
Concen: 18.042 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:107 Resp: 2722

Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.8	113.6

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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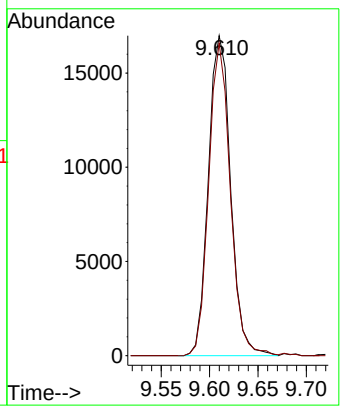
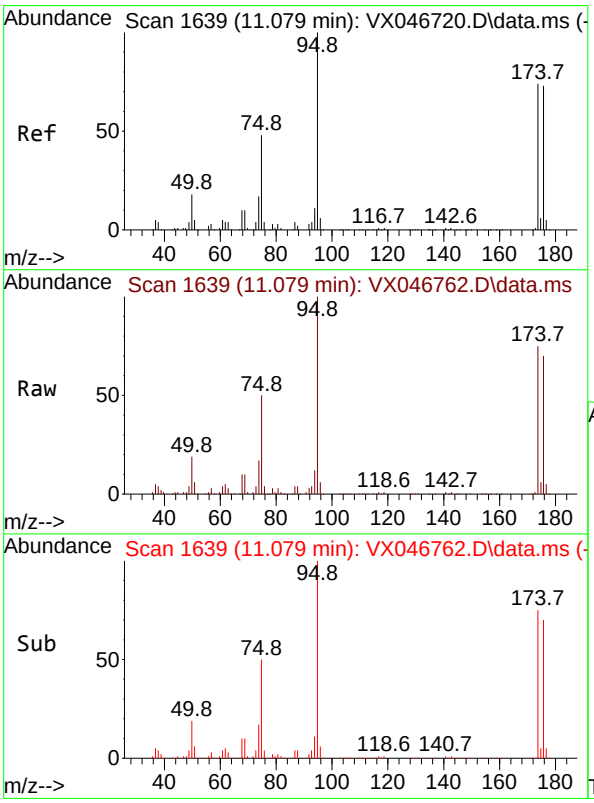
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

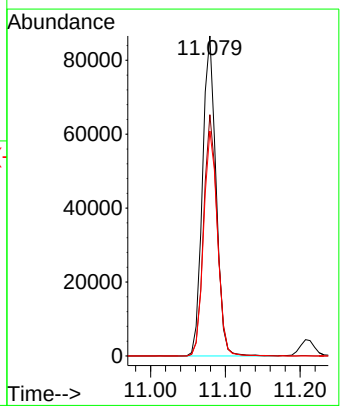


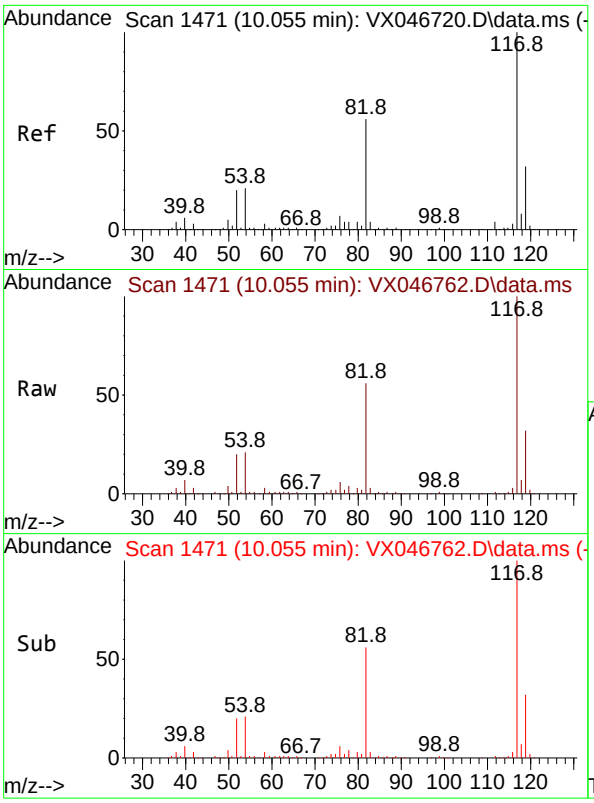


#62
4-Bromofluorobenzene
Concen: 54.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 95 Resp: 108869

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.4
176	71.8	0.0	145.0

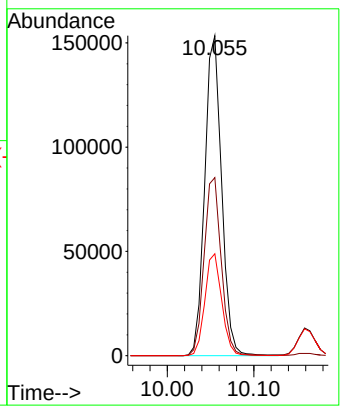




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:117 Resp: 20746

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.6	66.8
119	31.9	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
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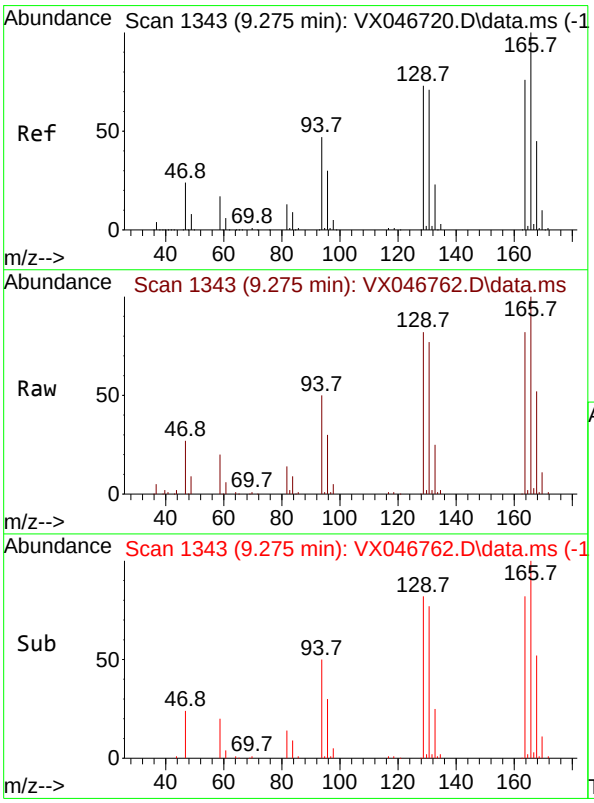
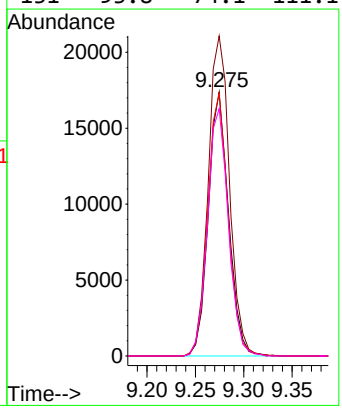
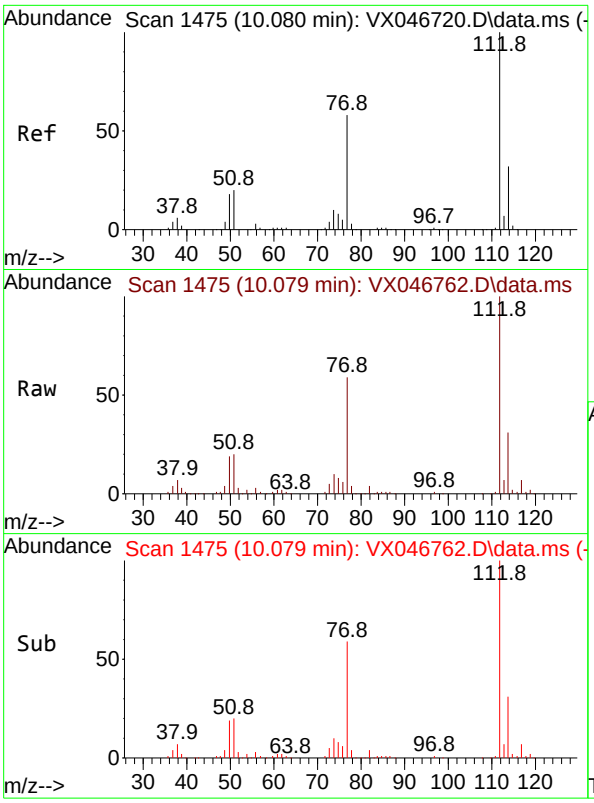


#64
Tetrachloroethene
Concen: 17.655 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:164 Resp: 25376

Ion	Ratio	Lower	Upper
164	100		
166	121.4	104.6	157.0
129	99.6	76.3	114.5
131	93.8	74.1	111.1

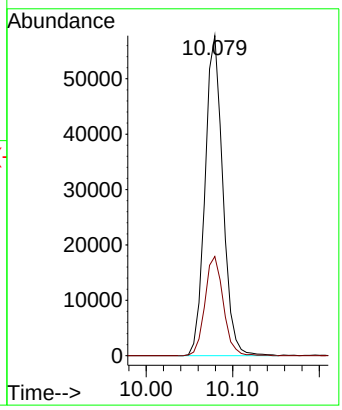




#65
Chlorobenzene
Concen: 17.991 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:112 Resp: 8239

Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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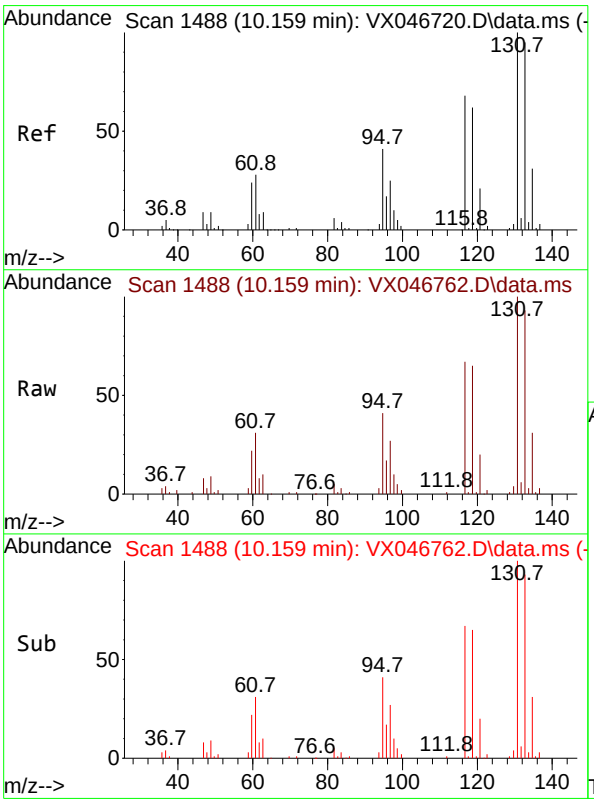
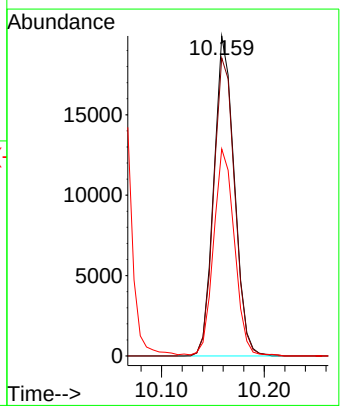
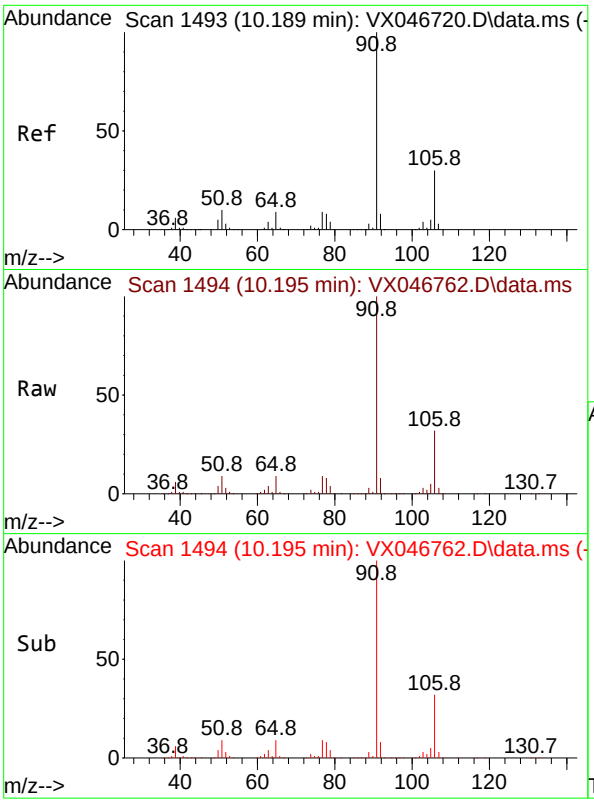


#66
1,1,1,2-Tetrachloroethane
Concen: 17.843 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:131 Resp: 27463

Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.3	141.8
119	66.0	32.1	96.3





#67
Ethyl Benzene
Concen: 18.002 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 91 Resp: 14404

Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.2	36.2

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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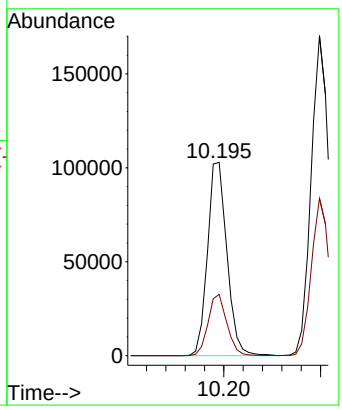
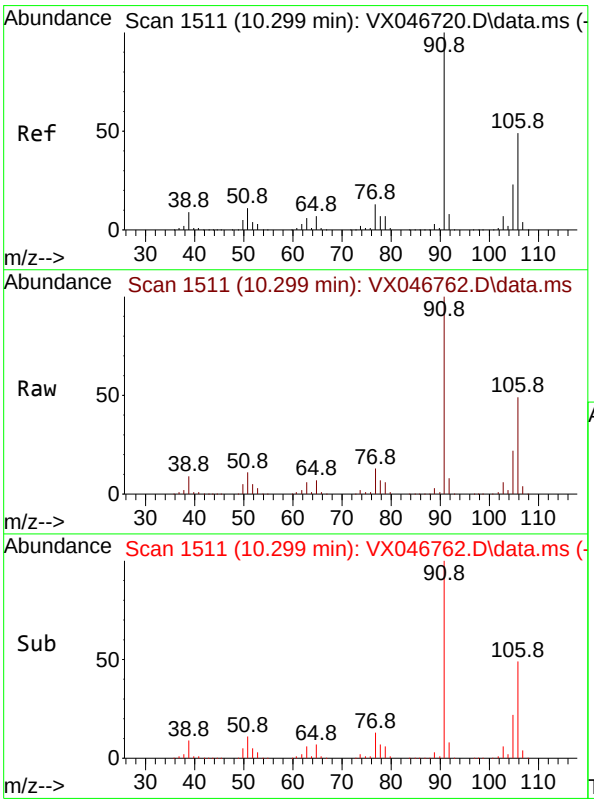
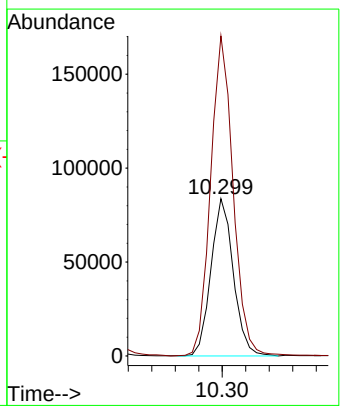


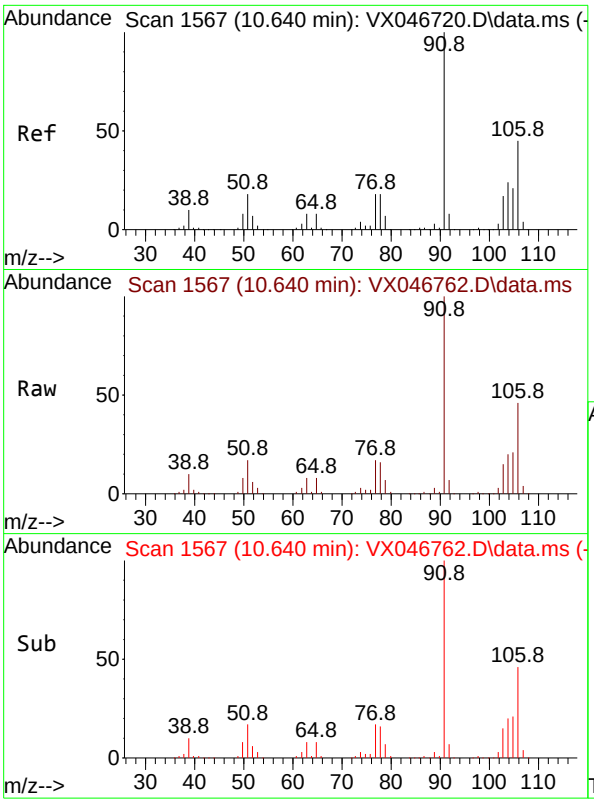


#68
m/p-Xylenes
Concen: 37.244 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:106 Resp: 111044

Ion	Ratio	Lower	Upper
106	100		
91	205.3	164.8	247.2

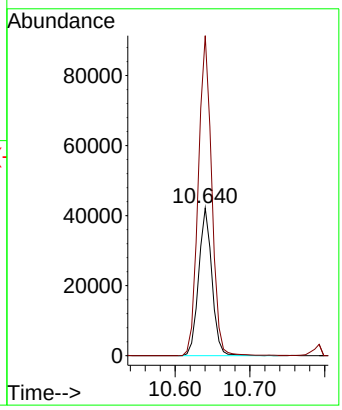




#69
o-Xylene
Concen: 18.572 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:106 Resp: 5189

Ion	Ratio	Lower	Upper
106	100		
91	219.2	111.3	333.9



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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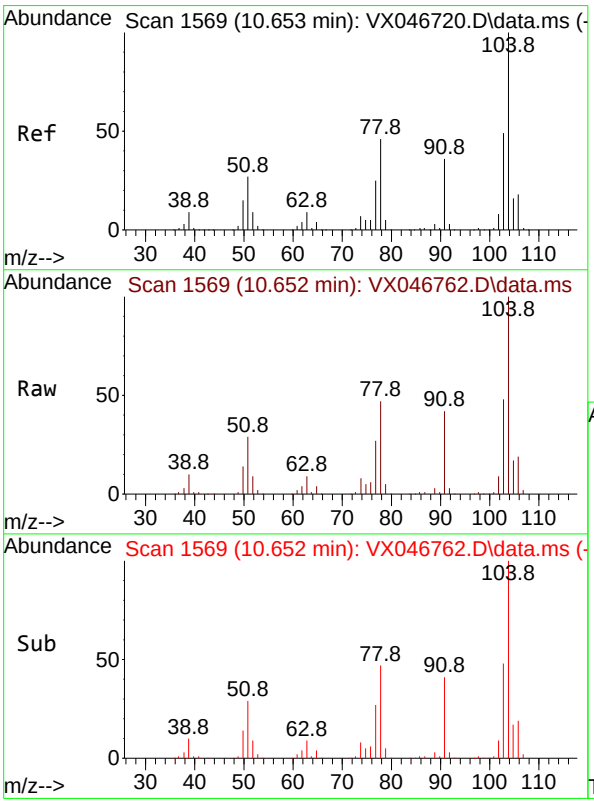
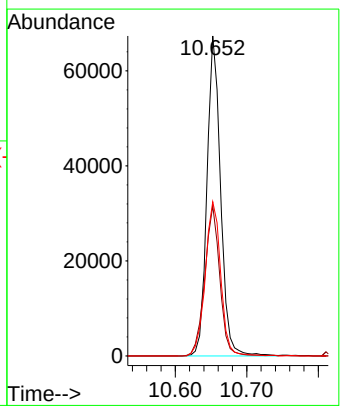
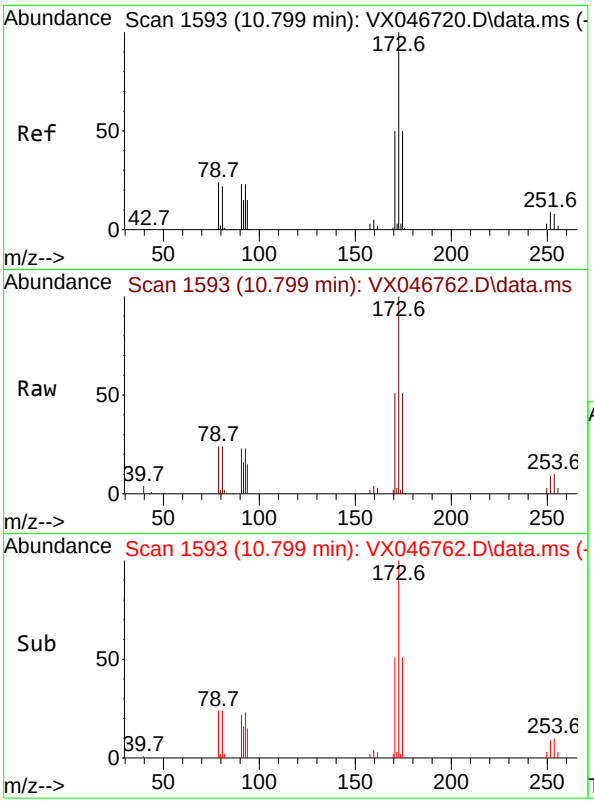


#70
Styrene
Concen: 18.260 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:104 Resp: 89289

Ion	Ratio	Lower	Upper
104	100		
78	52.0	41.4	62.2
103	54.7	43.1	64.7

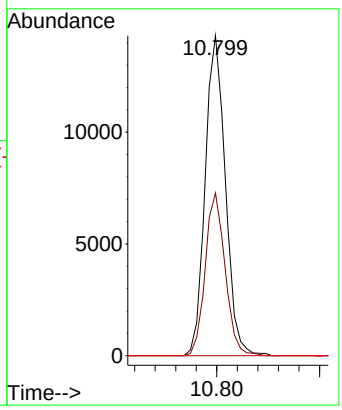




#71
Bromoform
Concen: 16.701 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:173 Resp: 1957

Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.1	72.4
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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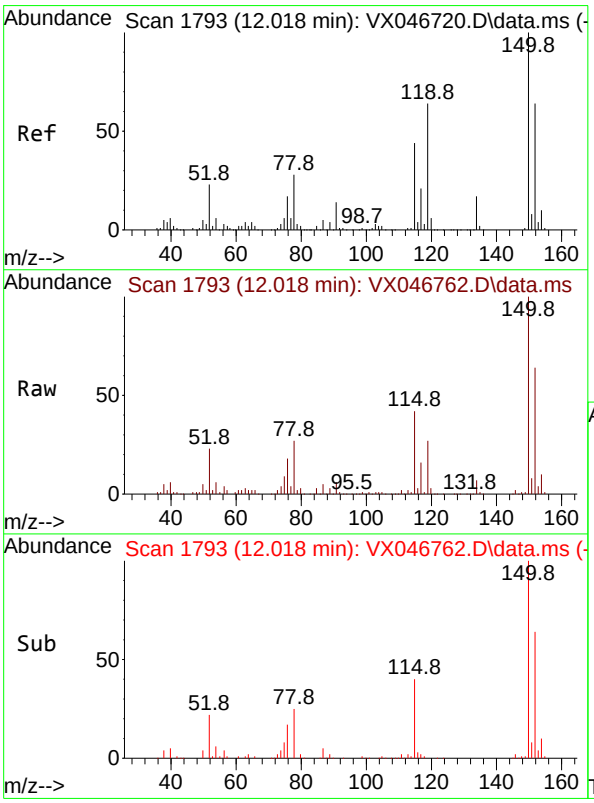
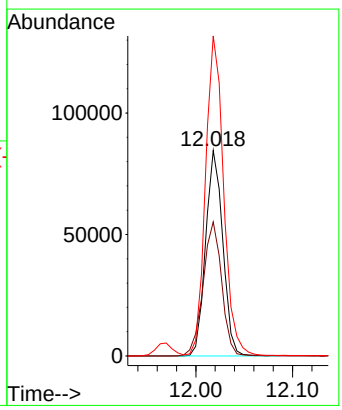
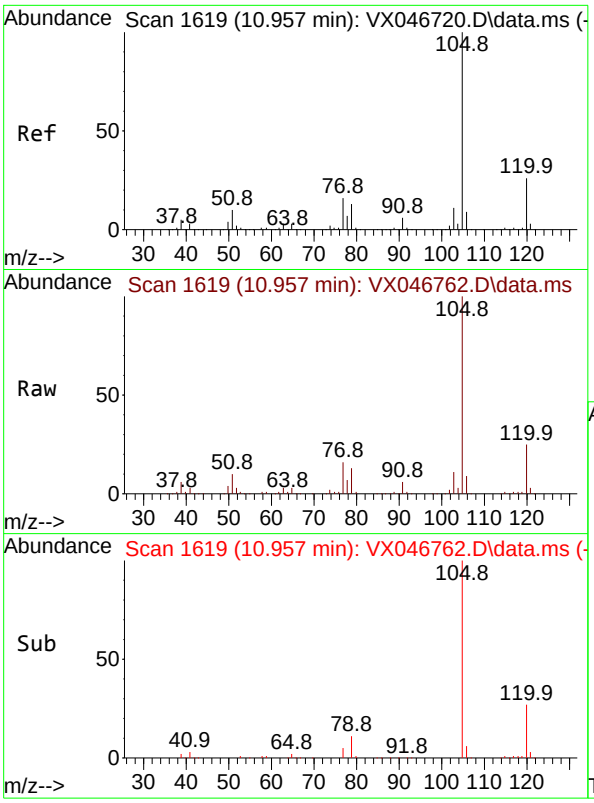


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:152 Resp: 104652

Ion	Ratio	Lower	Upper
152	100		
115	70.8	43.2	129.6
150	164.1	0.0	346.8





#73
Isopropylbenzene
Concen: 18.100 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:105 Resp: 13951

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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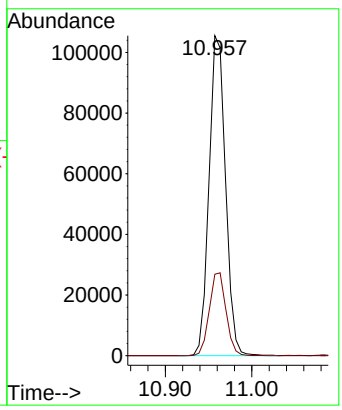
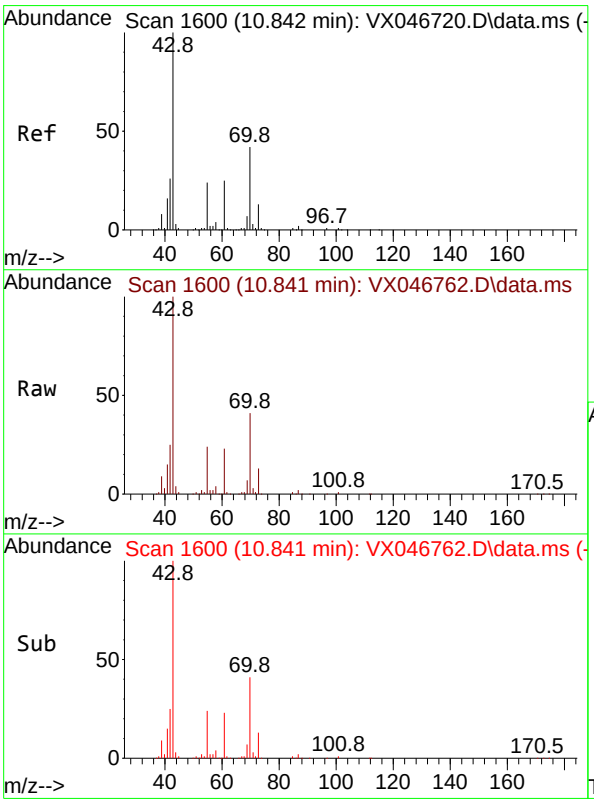
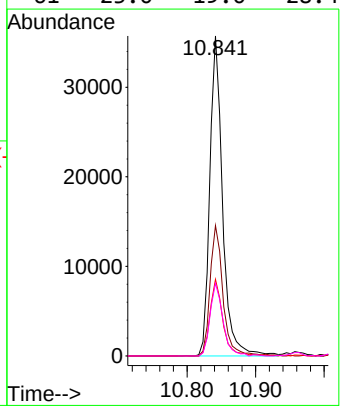


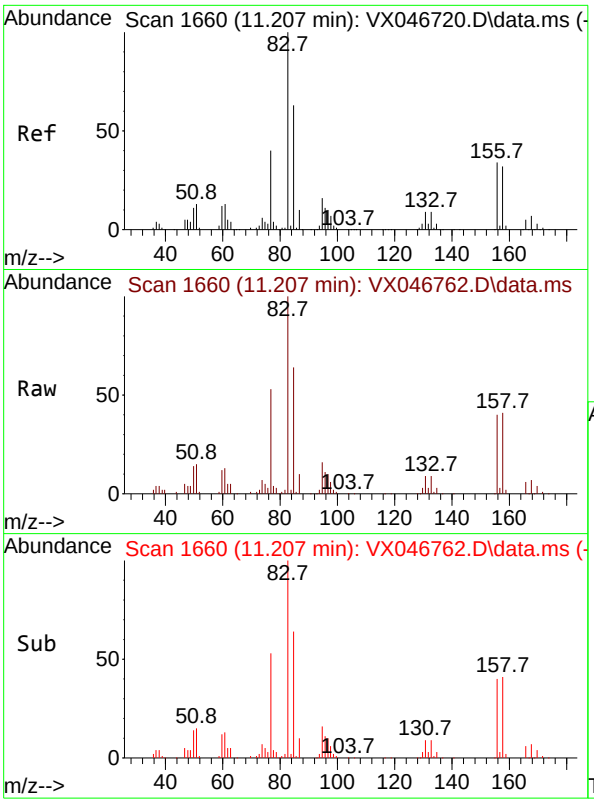


#74
N-amyl acetate
Concen: 15.893 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 46412

Ion	Ratio	Lower	Upper
43	100		
70	41.3	33.4	50.0
55	24.2	19.1	28.7
61	23.0	19.0	28.4

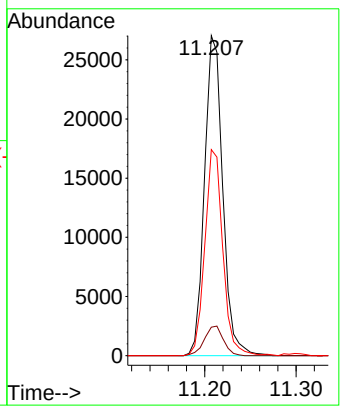




#75
1,1,2,2-Tetrachloroethane
Concen: 17.337 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 83 Resp: 3731

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.6
85	63.7	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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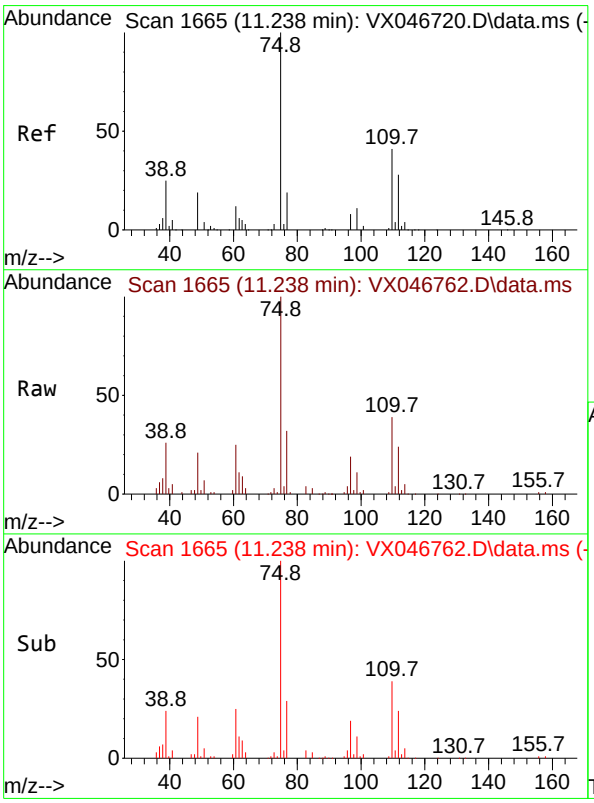
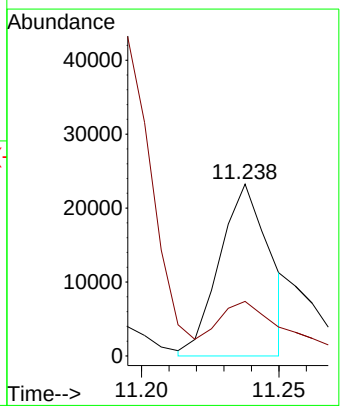
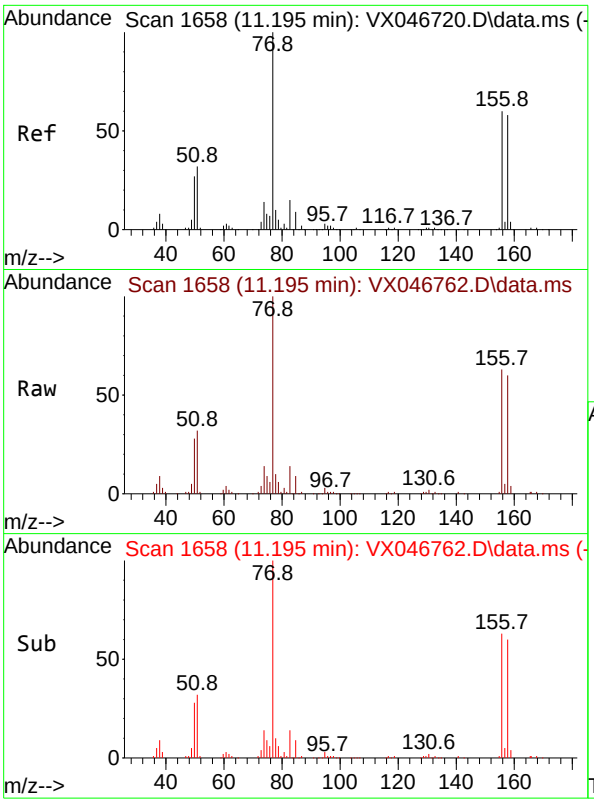


#76
1,2,3-Trichloropropane
Concen: 15.335 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 75 Resp: 29393

Ion	Ratio	Lower	Upper
75	100		
77	43.8	18.5	55.5

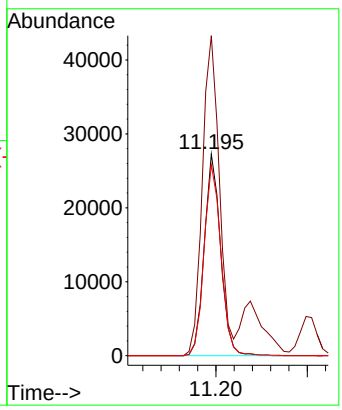




#77
Bromobenzene
Concen: 18.275 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:156 Resp: 3389

Ion	Ratio	Lower	Upper
156	100		
77	164.7	82.8	248.6
158	97.8	47.6	142.9



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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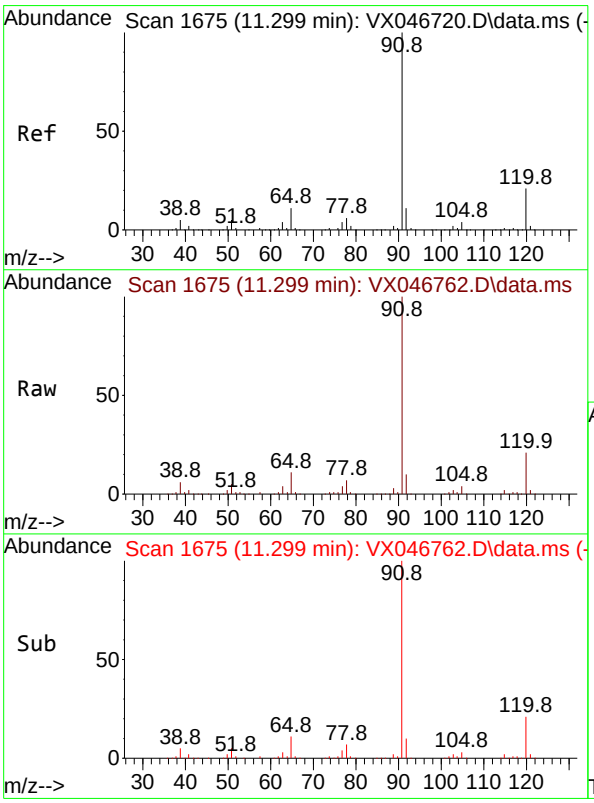
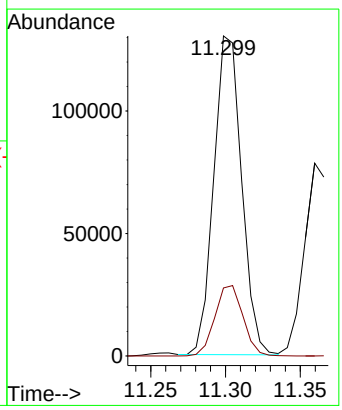
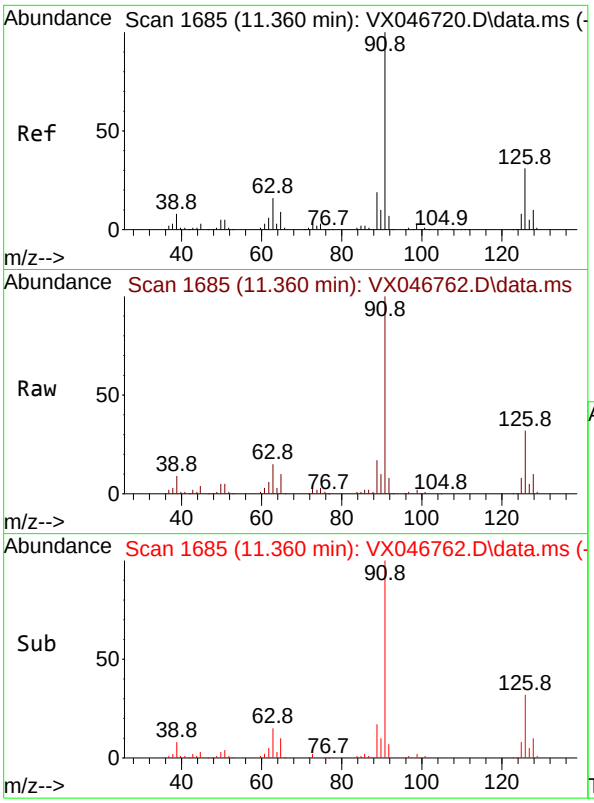


#78
n-propylbenzene
Concen: 18.415 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 91 Resp: 168589

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.4	34.1





#79
2-Chlorotoluene
Concen: 18.238 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

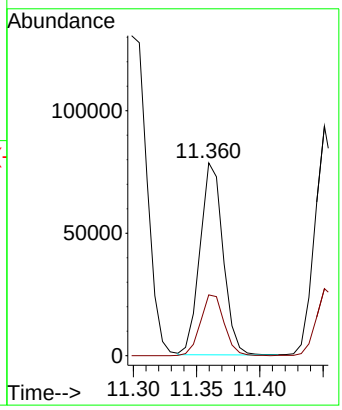
Tgt Ion: 91 Resp: 9968

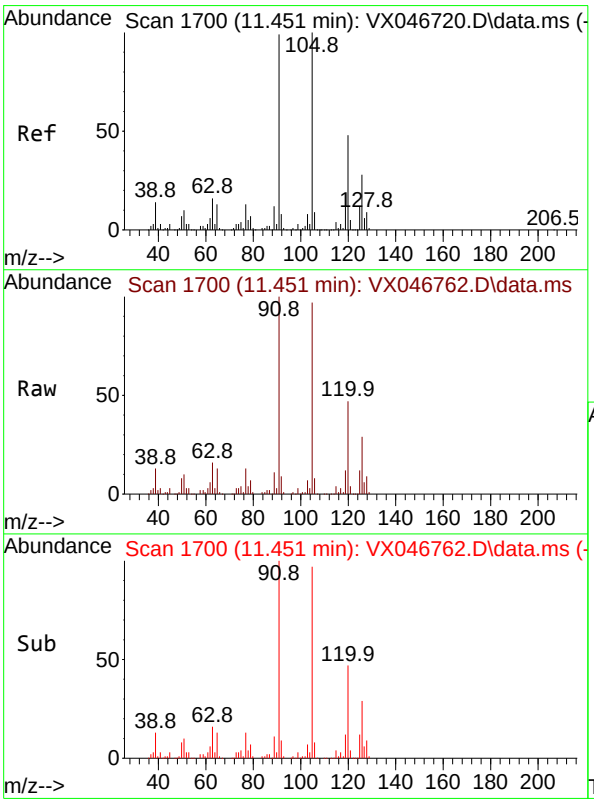
Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.6	49.7

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

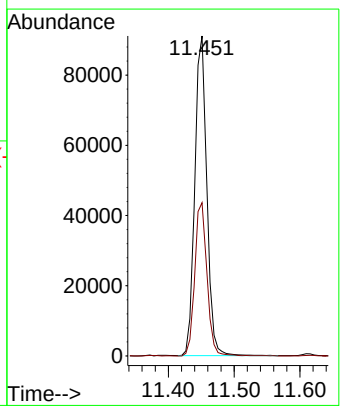


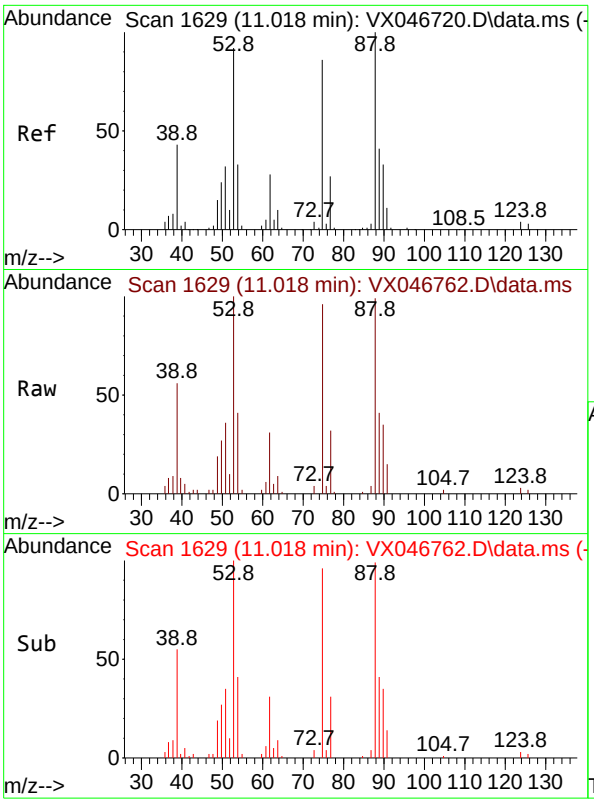


#80
1,3,5-Trimethylbenzene
Concen: 18.221 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:105 Resp: 115409

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 14.897 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 75 Resp: 1010

Ion	Ratio	Lower	Upper
75	100		
53	112.7	86.8	130.2
89	43.9	36.9	55.3

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
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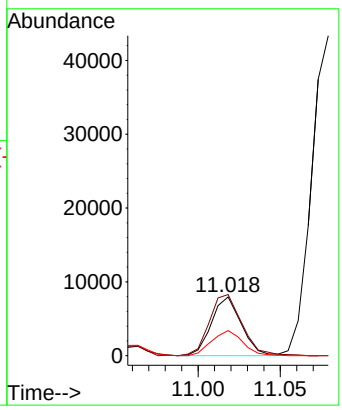
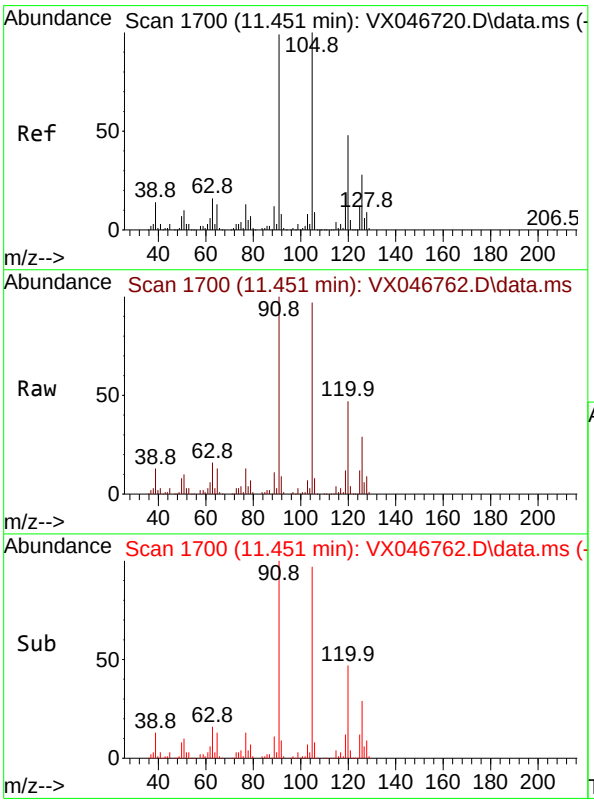
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

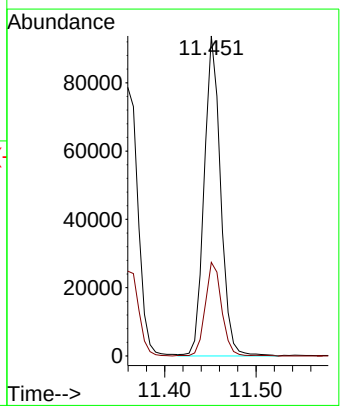


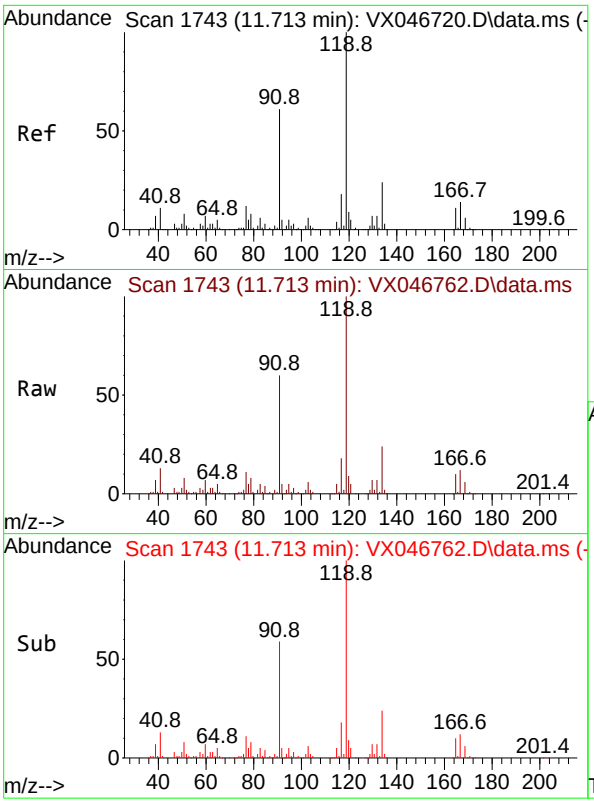


#82
4-Chlorotoluene
Concen: 18.296 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 91 Resp: 116713

Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.4	43.2

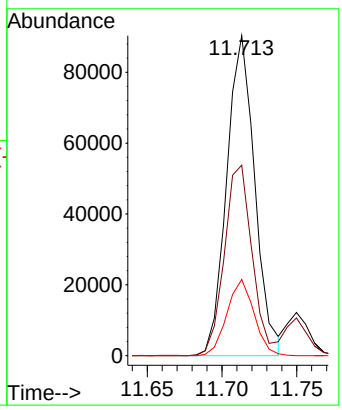




#83
tert-Butylbenzene
Concen: 18.027 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:119 Resp: 11802

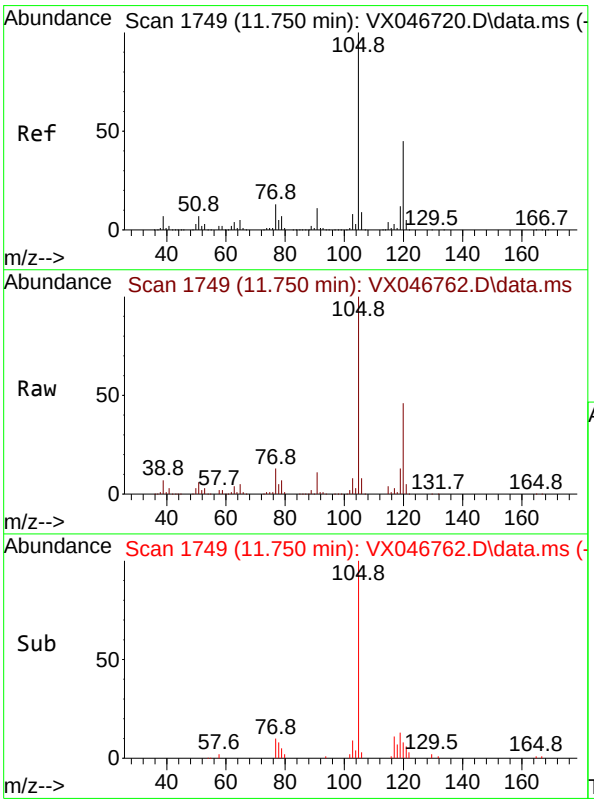
Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.5	88.6
134	23.0	11.7	35.0



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
APPROVED

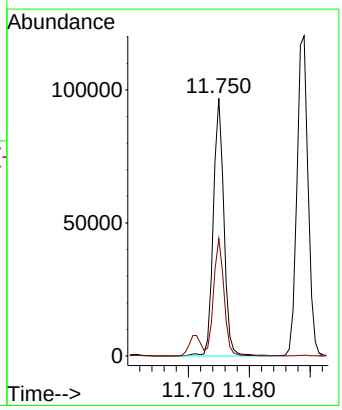
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

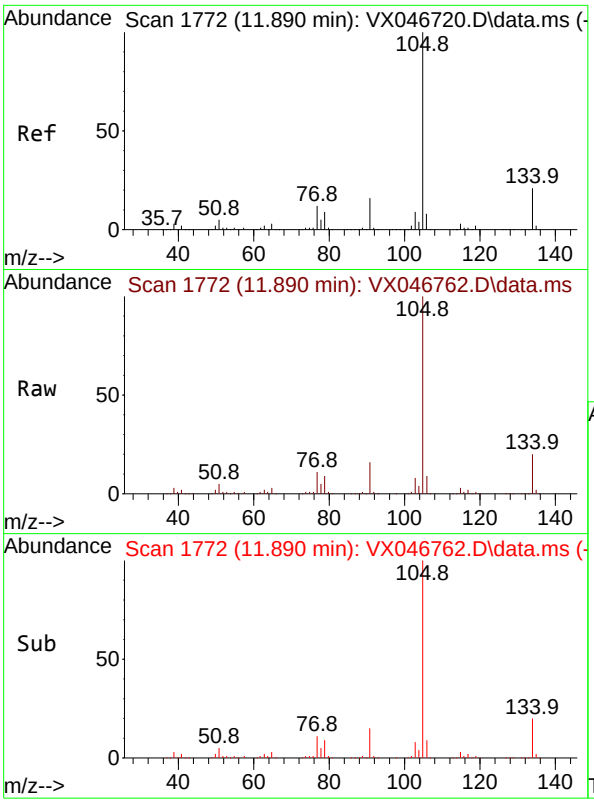


#84
1,2,4-Trimethylbenzene
Concen: 18.357 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:105 Resp: 116817

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.3

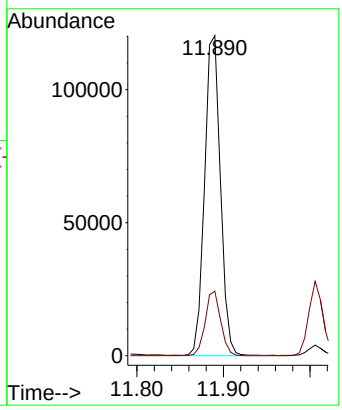




#85
sec-Butylbenzene
Concen: 18.496 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:105 Resp: 15304

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
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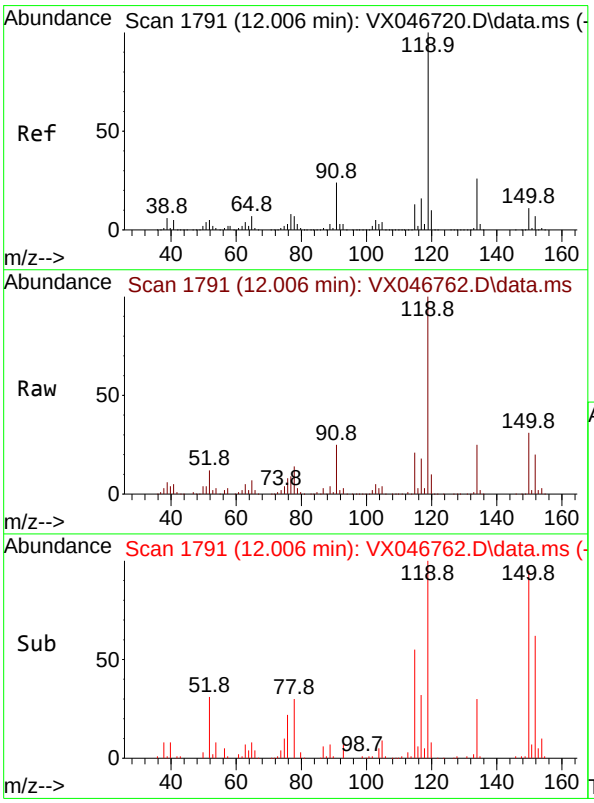
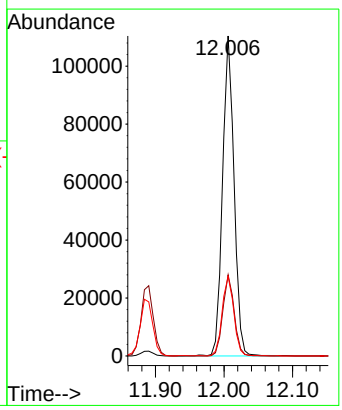
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

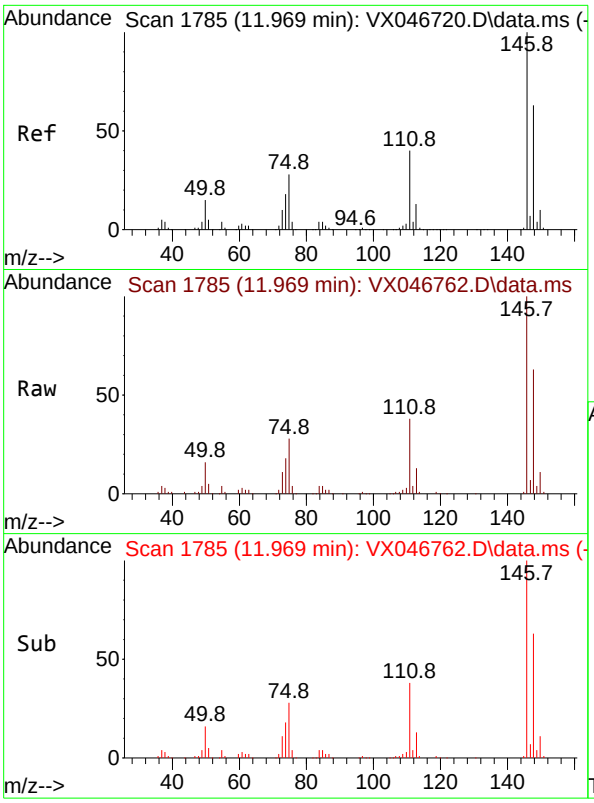


#86
p-Isopropyltoluene
Concen: 18.312 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:119 Resp: 127841

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.9	38.7
91	25.2	12.3	36.9

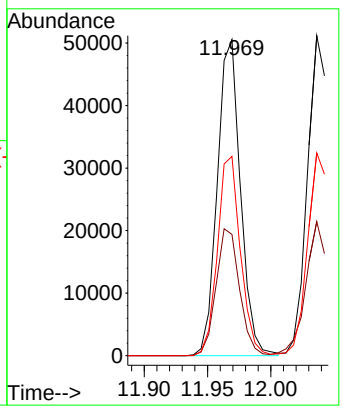




#87
1,3-Dichlorobenzene
Concen: 17.788 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:146 Resp: 6433

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	62.5	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
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Reviewed By :John Carlone 06/20/2025
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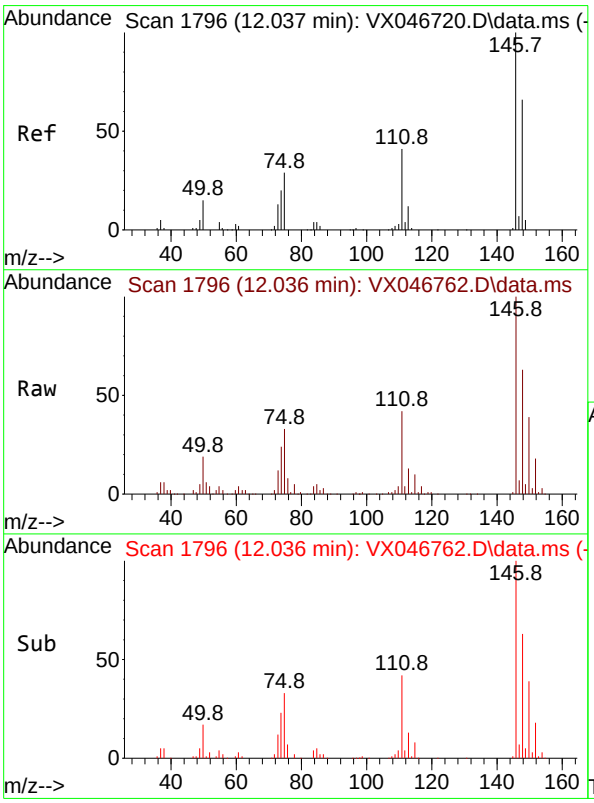
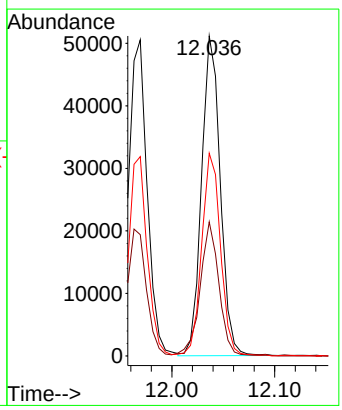
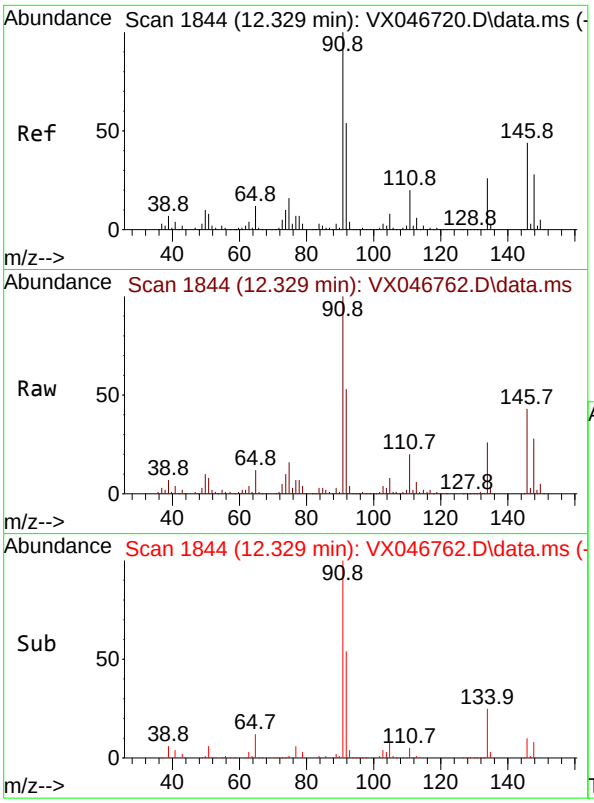


#88
1,4-Dichlorobenzene
Concen: 17.460 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:146 Resp: 64856

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.3	61.0
148	64.0	32.1	96.5





#89
n-Butylbenzene
Concen: 17.915 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

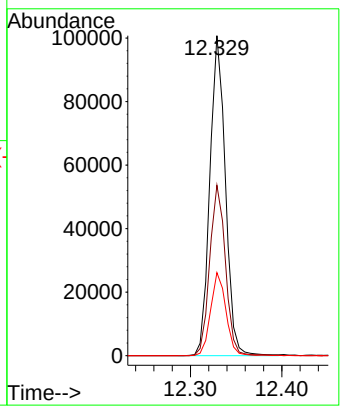
Tgt Ion: 91 Resp: 11875

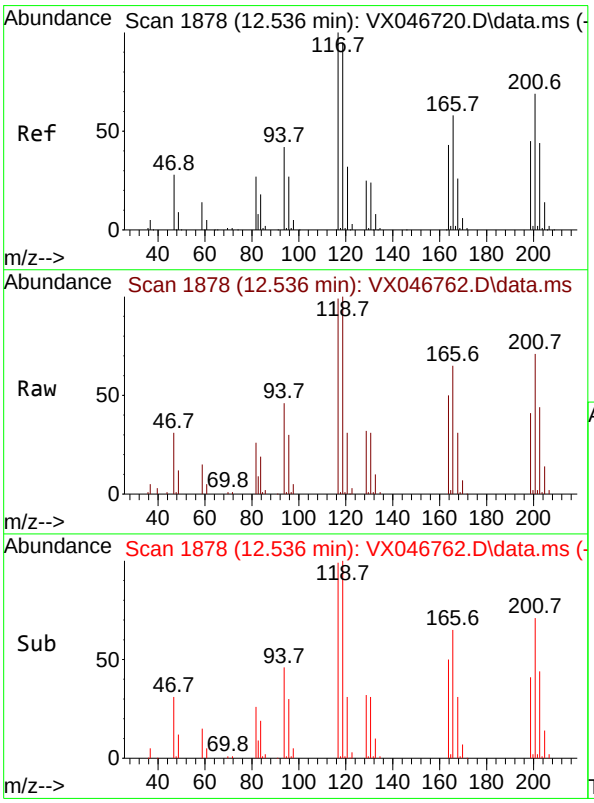
Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.1	81.3
134	25.7	12.9	38.6

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

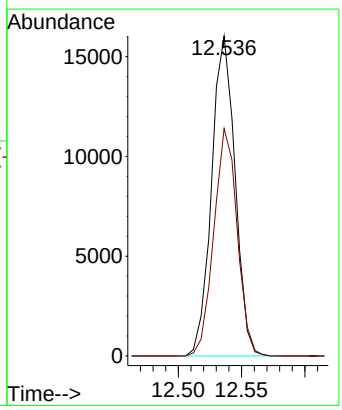


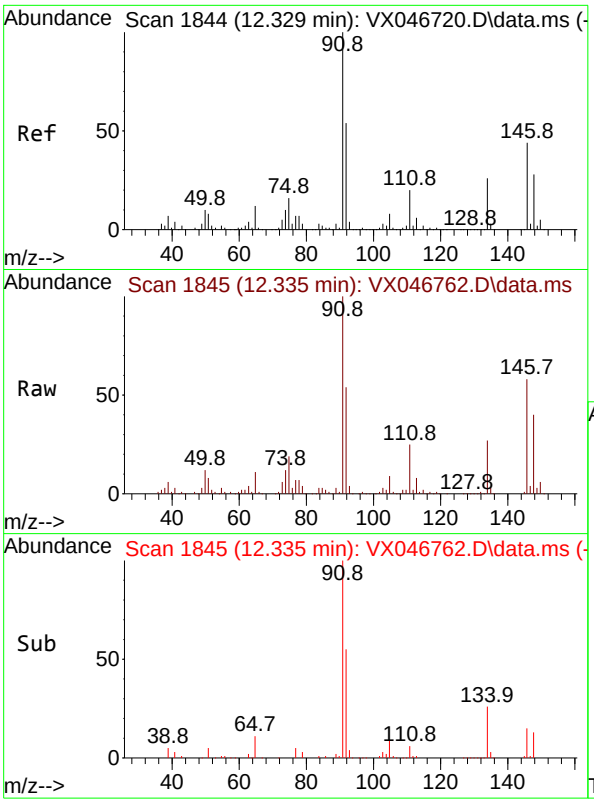


#90
Hexachloroethane
Concen: 16.893 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:117 Resp: 20652

Ion	Ratio	Lower	Upper
117	100		
201	70.7	34.4	103.3

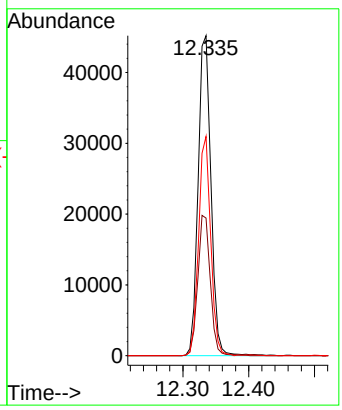




#91
1,2-Dichlorobenzene
Concen: 18.096 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:146 Resp: 6115

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.7	65.1
148	64.4	32.0	96.2



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
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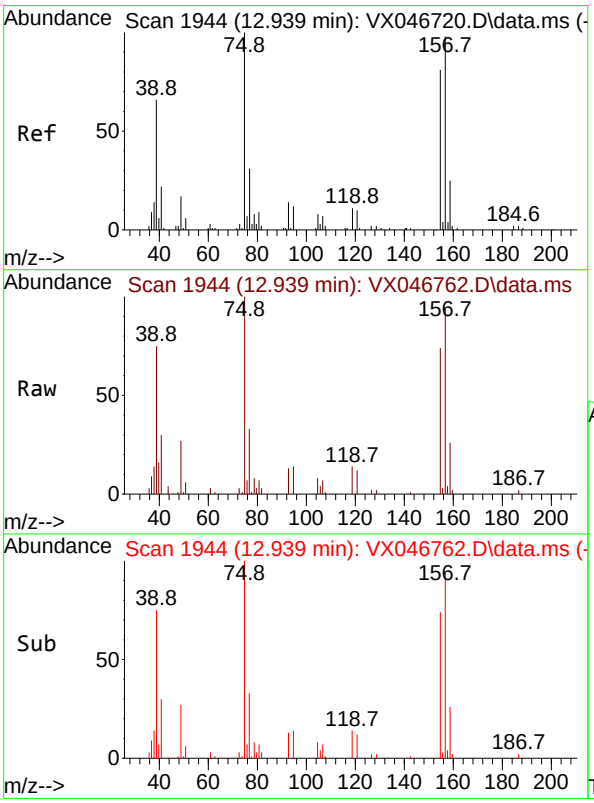
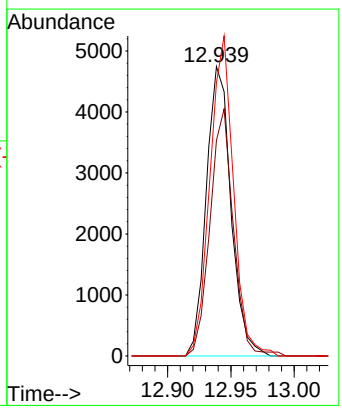
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

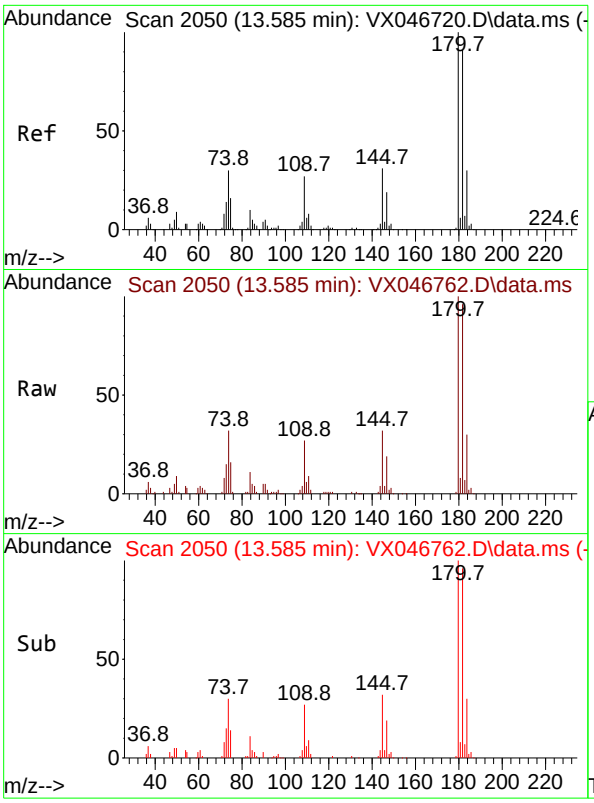


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.122 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 75 Resp: 6425

Ion	Ratio	Lower	Upper
75	100		
155	80.9	41.9	125.7
157	105.8	51.4	154.3

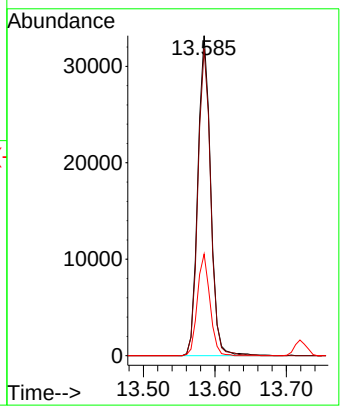




#93
1,2,4-Trichlorobenzene
Concen: 17.110 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:180 Resp: 4110

Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.7	140.1
145	31.1	15.8	47.4



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations
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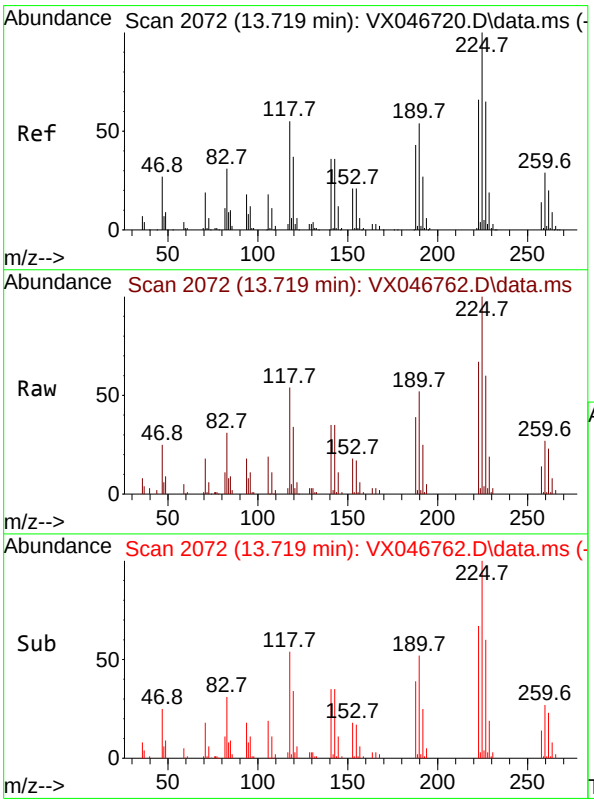
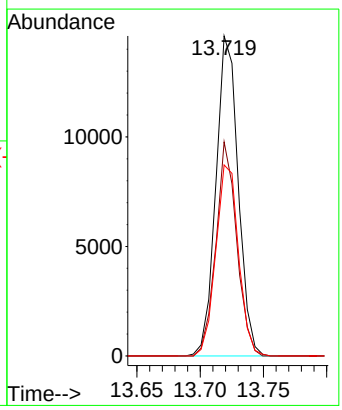
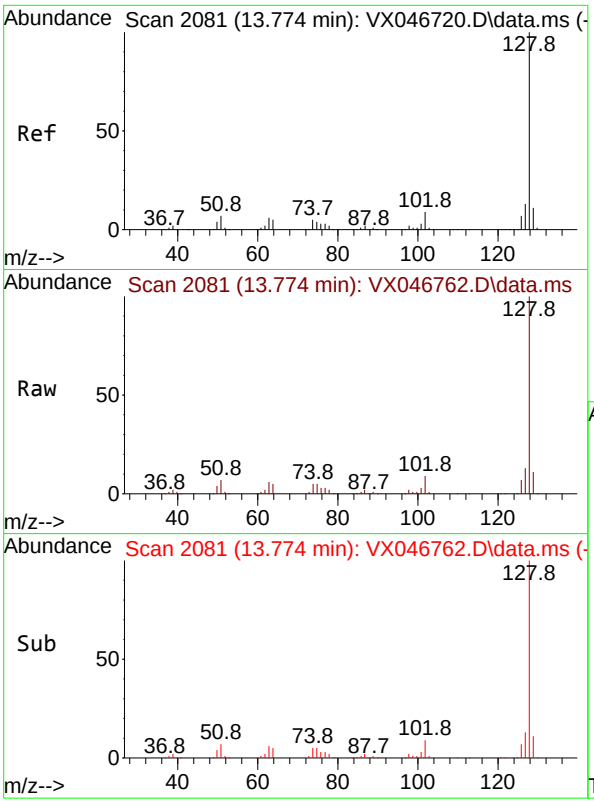


#94
Hexachlorobutadiene
Concen: 17.644 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:225 Resp: 17833

Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.5	97.5
227	61.1	32.2	96.6

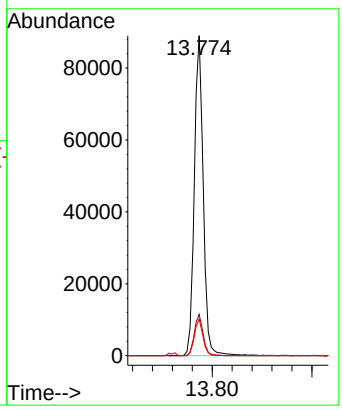




#95
Naphthalene
Concen: 16.144 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:128 Resp: 11050

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	11.0	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

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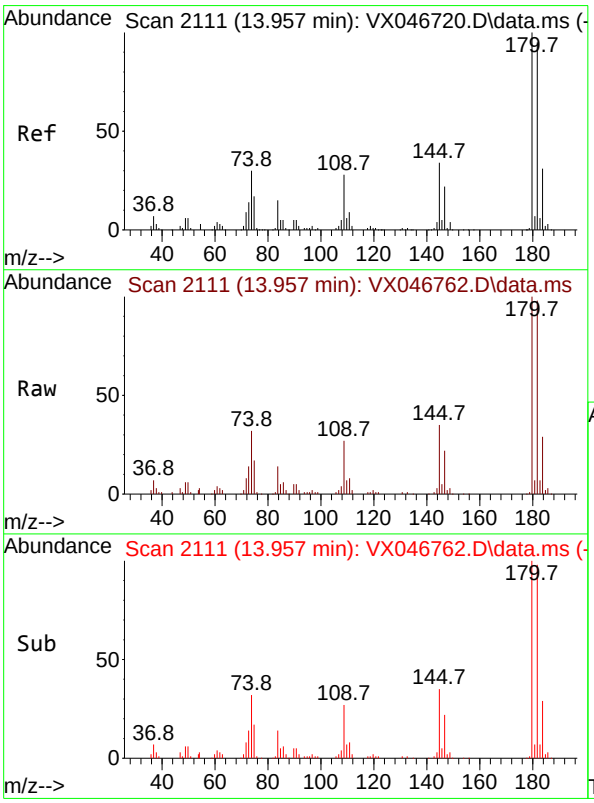
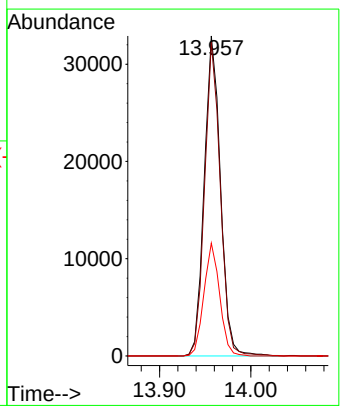


#96
1,2,3-Trichlorobenzene
Concen: 17.639 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:180 Resp: 40546

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.4
145	34.2	17.3	51.9



Raw Data: **VX046753.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-5-20250616MS	SDG No.:	Q2345
Lab Sample ID:	Q2345-08MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046753.D	1		06/18/25 18:58	VX061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	49.8		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	49.2		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	50.2		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	52.0		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	49.8		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	49.1		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	48.4		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	50.3		0.23	0.75	1.00	ug/L
67-64-1	Acetone	210		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	46.2		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	46.1		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	44.5		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	47.6		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	48.8		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	48.4		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	47.0		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	220		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	45.8		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	48.7		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	53.2		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	49.4		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	47.5		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	45.6		0.16	0.50	1.00	ug/L
71-43-2	Benzene	48.0		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	46.8		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	47.1		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	47.8		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	47.9		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	230		0.68	2.50	5.00	ug/L
108-88-3	Toluene	48.2		0.14	0.50	1.00	ug/L

Raw Data: **VX046753.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-5-20250616MS	SDG No.:	Q2345
Lab Sample ID:	Q2345-08MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046753.D	1		06/18/25 18:58	VX061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	46.5		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	45.8		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	47.1		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	220		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	47.5		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	47.6		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	44.6		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	46.8		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	46.6		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	95.0		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	48.2		0.12	0.50	1.00	ug/L
100-42-5	Styrene	47.7		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	44.8		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	47.1		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	45.8		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	44.1		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.2		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	45.7		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	42.6		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.8		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	45.2		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.6		81 - 118		101%	SPK: 50
1868-53-7	Dibromofluoromethane	52.1		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	51.3		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		85 - 114		105%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	143000	5.562				
540-36-3	1,4-Difluorobenzene	241000	6.769				
3114-55-4	Chlorobenzene-d5	216000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	108000	12.018				

Raw Data: **VX046753.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-5-20250616MS	SDG No.:	Q2345
Lab Sample ID:	Q2345-08MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046753.D	1		06/18/25 18:58	VX061825

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\VX061825\
Data File : VX046753.D
Acq On : 18 Jun 2025 18:58
Operator : JC/MD
Sample : Q2345-08MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 19 01:29:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	143057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100125	50.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.200%			
35) Dibromofluoromethane	5.397	113	83040	52.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.160%			
50) Toluene-d8	8.653	98	294034	51.326	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	11.079	95	112496	52.679	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	76008	49.766	ug/l	99
3) Chloromethane	1.307	50	81165	49.235	ug/l	98
4) Vinyl Chloride	1.386	62	88213	50.179	ug/l	96
5) Bromomethane	1.624	94	51420	51.989	ug/l	97
6) Chloroethane	1.703	64	53067	49.805	ug/l	99
7) Trichlorofluoromethane	1.904	101	131050	49.095	ug/l	99
8) Diethyl Ether	2.148	74	45738	49.928	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	79258	48.400	ug/l	98
10) Methyl Iodide	2.471	142	86957	43.078	ug/l	99
11) Tert butyl alcohol	2.959	59	32255	181.614	ug/l	100
12) 1,1-Dichloroethene	2.337	96	79512	50.320	ug/l	96
13) Acrolein	2.245	56	50890	196.722	ug/l	98
14) Allyl chloride	2.678	41	136995	47.851	ug/l	99
15) Acrylonitrile	3.075	53	184725	231.310	ug/l	99
16) Acetone	2.386	43	137459	208.316	ug/l	99
17) Carbon Disulfide	2.532	76	220641	46.240	ug/l	99
18) Methyl Acetate	2.715	43	74547	44.481	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	226770	46.091	ug/l	100
20) Methylene Chloride	2.800	84	87325	47.587	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	82513	48.802	ug/l	97
22) Diisopropyl ether	3.769	45	275002	49.974	ug/l	99
23) Vinyl Acetate	3.733	43	1000170	228.560	ug/l	100
24) 1,1-Dichloroethane	3.623	63	151111	48.365	ug/l	98
25) 2-Butanone	4.562	43	209888	224.903	ug/l	97
26) 2,2-Dichloropropane	4.489	77	95144	41.752	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	96805	48.734	ug/l	98
28) Bromochloromethane	4.910	49	75384	53.219	ug/l	100
29) Tetrahydrofuran	5.013	42	139690	231.740	ug/l	98
30) Chloroform	5.105	83	154343	49.396	ug/l	95
31) Cyclohexane	5.483	56	139222	46.988	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	130295	47.547	ug/l	99
36) 1,1-Dichloropropene	5.708	75	107903	46.878	ug/l	99
37) Ethyl Acetate	4.721	43	88092	41.462	ug/l	97
38) Carbon Tetrachloride	5.690	117	114481	45.829	ug/l	97
39) Methylcyclohexane	7.385	83	138147	45.609	ug/l	97
40) Benzene	6.043	78	326964	47.998	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046753.D
Acq On : 18 Jun 2025 18:58
Operator : JC/MD
Sample : Q2345-08MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 19 01:29:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	56237	49.649	ug/l		93
42) 1,2-Dichloroethane	6.092	62	112027	46.799	ug/l		99
43) Isopropyl Acetate	6.342	43	145020	43.619	ug/l		100
44) Trichloroethene	7.129	130	81750	47.090	ug/l		99
45) 1,2-Dichloropropane	7.433	63	80645	47.769	ug/l		95
46) Dibromomethane	7.586	93	57324	47.246	ug/l		99
47) Bromodichloromethane	7.824	83	118579	47.892	ug/l		99
48) Methyl methacrylate	7.696	41	79176	47.484	ug/l		99
49) 1,4-Dioxane	7.659	88	17262	719.791	ug/l		94
51) 4-Methyl-2-Pentanone	8.574	43	455997	229.964	ug/l		99
52) Toluene	8.720	92	203758	48.249	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	106926	46.544	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	119567	45.847	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	74068	47.065	ug/l		98
56) Ethyl methacrylate	9.116	69	109702	47.221	ug/l		99
57) 1,3-Dichloropropane	9.305	76	129477	47.775	ug/l		100
59) 2-Hexanone	9.427	43	307148	224.056	ug/l		100
60) Dibromochloromethane	9.518	129	88044	47.473	ug/l		99
61) 1,2-Dibromoethane	9.610	107	76228	47.618	ug/l		99
64) Tetrachloroethene	9.275	164	66644	44.627	ug/l		99
65) Chlorobenzene	10.079	112	222717	46.808	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	74860	46.814	ug/l		99
67) Ethyl Benzene	10.195	91	387344	46.592	ug/l		99
68) m/p-Xylenes	10.299	106	294272	94.996	ug/l		99
69) o-Xylene	10.640	106	140037	48.237	ug/l		98
70) Styrene	10.652	104	242311	47.694	ug/l		99
71) Bromoform	10.799	173	54530	44.776	ug/l	#	98
73) Isopropylbenzene	10.957	105	373743	47.134	ug/l		100
74) N-amyl acetate	10.841	43	129233	43.017	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101482	45.835	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	92626m	46.974	ug/l		
77) Bromobenzene	11.195	156	88274	46.262	ug/l		97
78) n-propylbenzene	11.305	91	441193	46.845	ug/l		100
79) 2-Chlorotoluene	11.360	91	259099	46.077	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	304450	46.723	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	28127	40.319	ug/l		100
82) 4-Chlorotoluene	11.451	91	298520	45.488	ug/l		99
83) tert-Butylbenzene	11.713	119	311816	46.294	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	300943	45.969	ug/l		100
85) sec-Butylbenzene	11.890	105	395643	46.478	ug/l		99
86) p-Isopropyltoluene	12.006	119	327245	45.563	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	164088	44.104	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	165148	43.216	ug/l		99
89) n-Butylbenzene	12.329	91	308237	45.200	ug/l		100
90) Hexachloroethane	12.536	117	56259	44.731	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	159052	45.747	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18614	42.584	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	108363	43.840	ug/l		98
94) Hexachlorobutadiene	13.719	225	45456	43.717	ug/l		99
95) Naphthalene	13.774	128	315902	44.859	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	106849	45.185	ug/l		100

Sample Results: **VX046753.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046753.D
Acq On : 18 Jun 2025 18:58
Operator : JC/MD
Sample : Q2345-08MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 19 01:29:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

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\VX061825\
Data File : VX046753.D
Acq On : 18 Jun 2025 18:58
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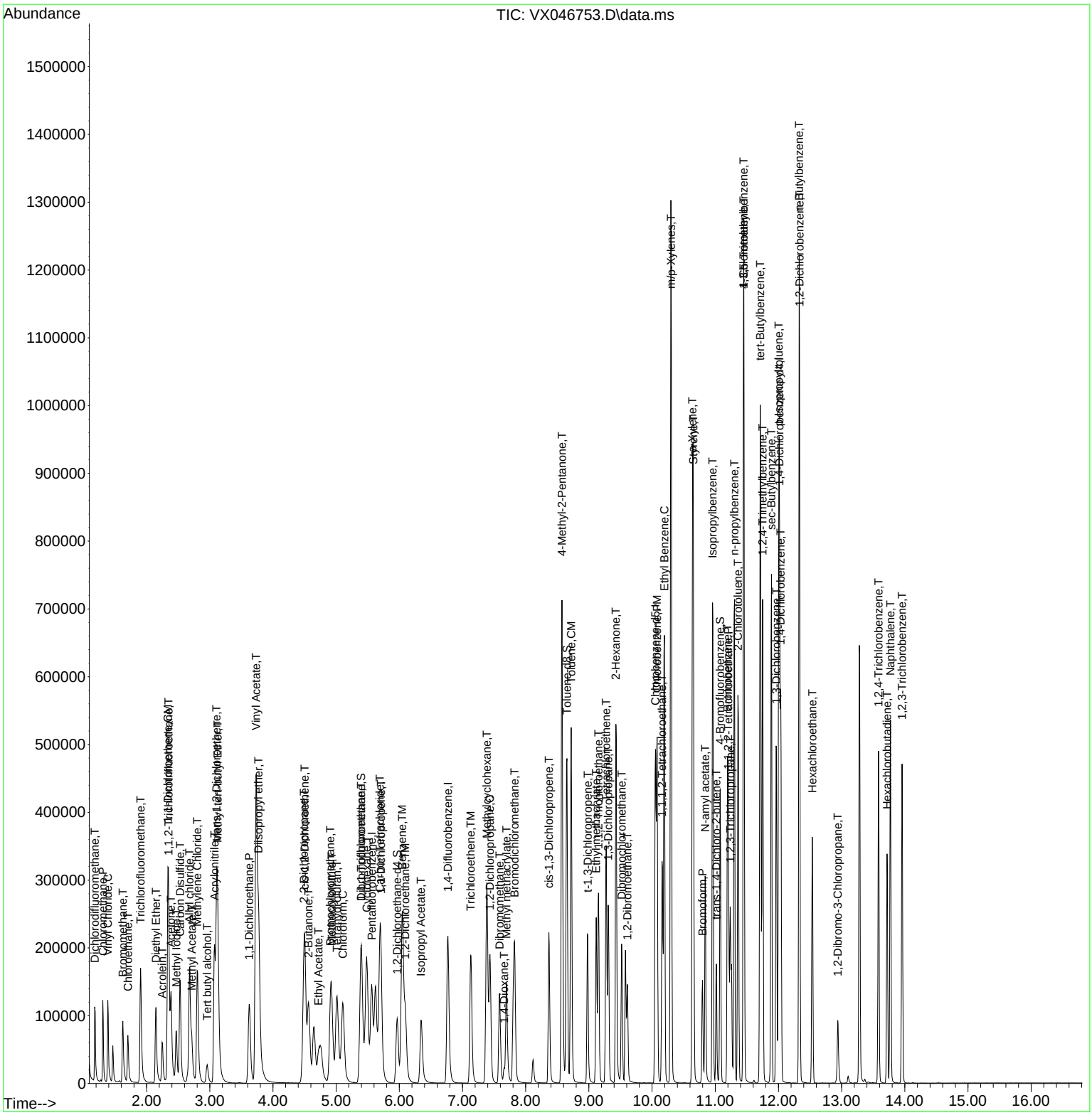
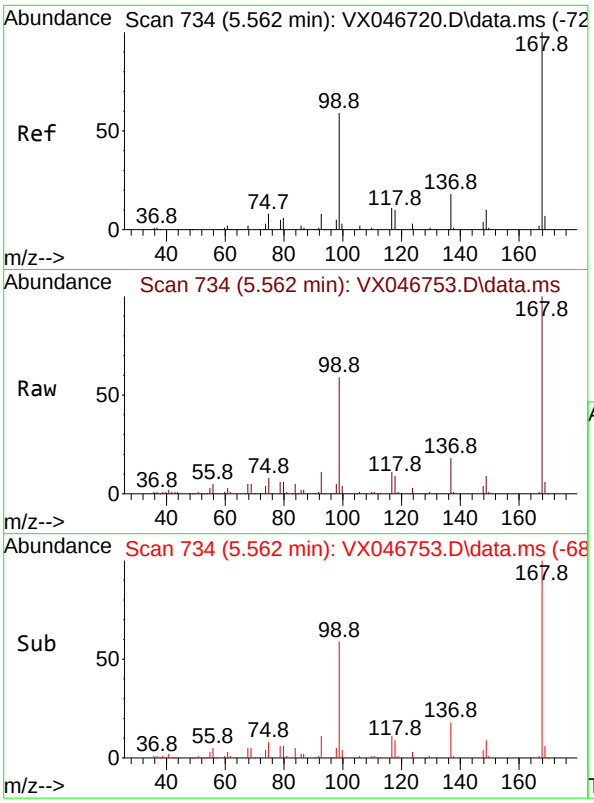
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

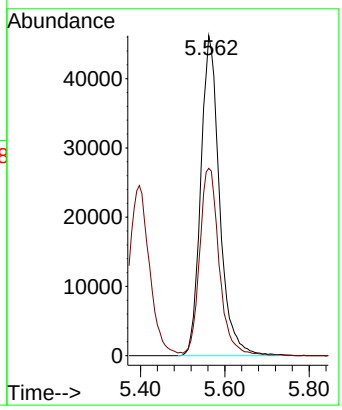




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:168 Resp: 14305

Ion	Ratio	Lower	Upper
168	100		
99	58.3	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
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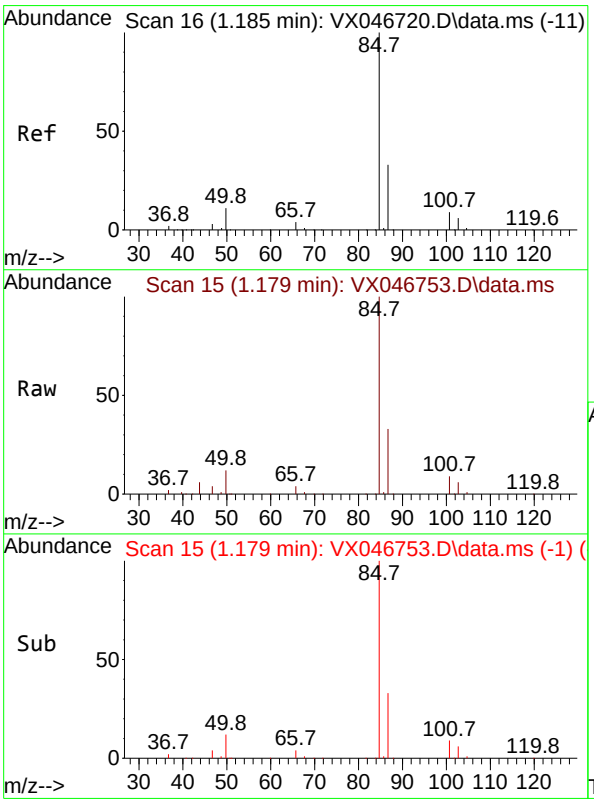
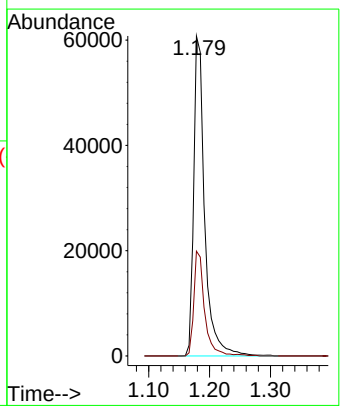
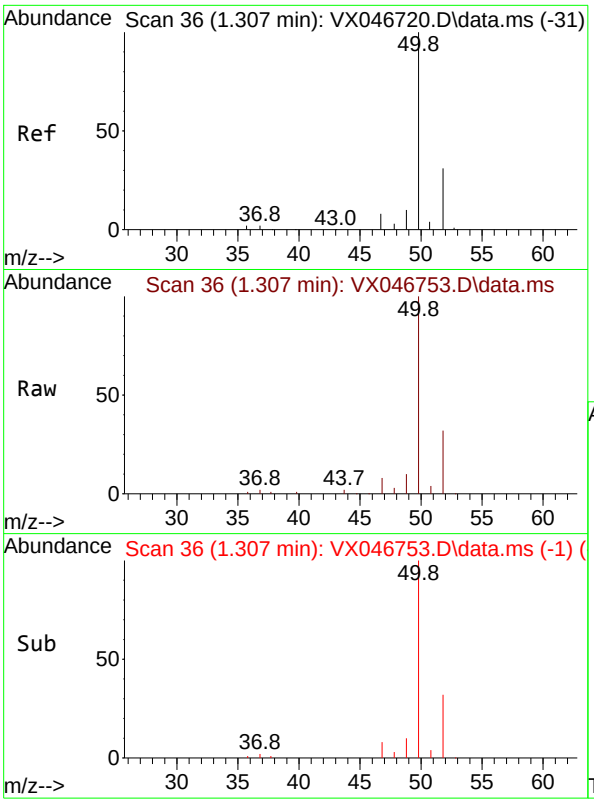


#2
Dichlorodifluoromethane
Concen: 49.766 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 85 Resp: 76008

Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.6	49.8

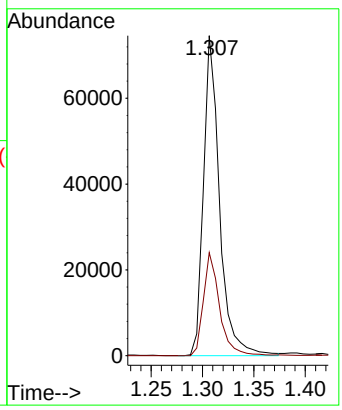




#3
Chloromethane
Concen: 49.235 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 50 Resp: 8116

Ion	Ratio	Lower	Upper
50	100		
52	32.2	24.9	37.3



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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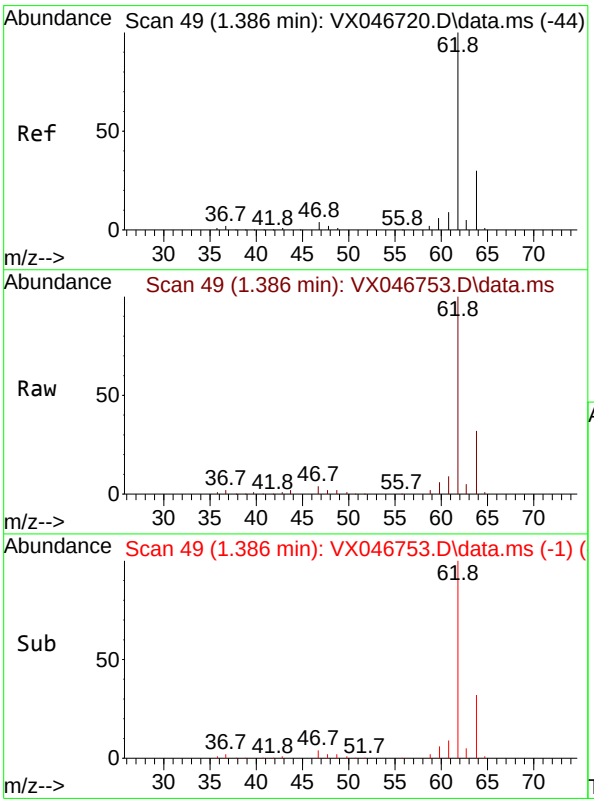
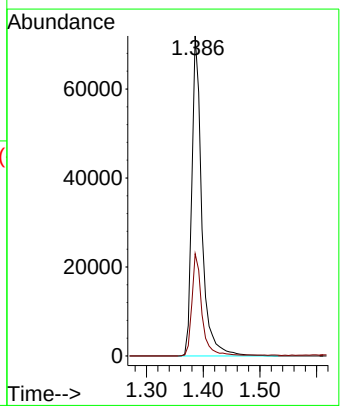
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

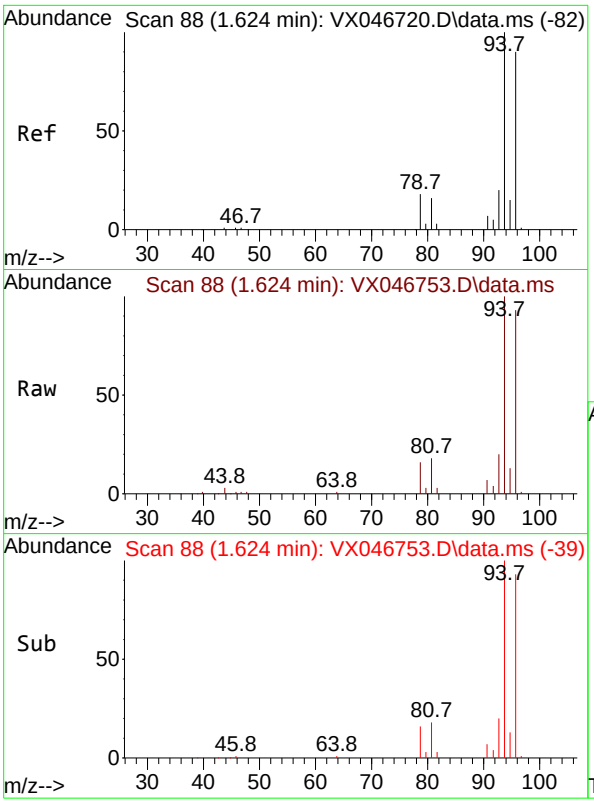


#4
Vinyl Chloride
Concen: 50.179 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 62 Resp: 88213

Ion	Ratio	Lower	Upper
62	100		
64	32.0	23.9	35.9

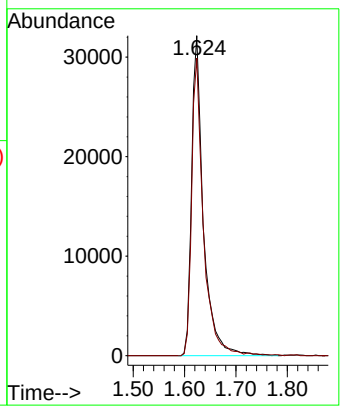




#5
Bromomethane
Concen: 51.989 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 94 Resp: 5142

Ion	Ratio	Lower	Upper
94	100		
96	93.0	72.3	108.5



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
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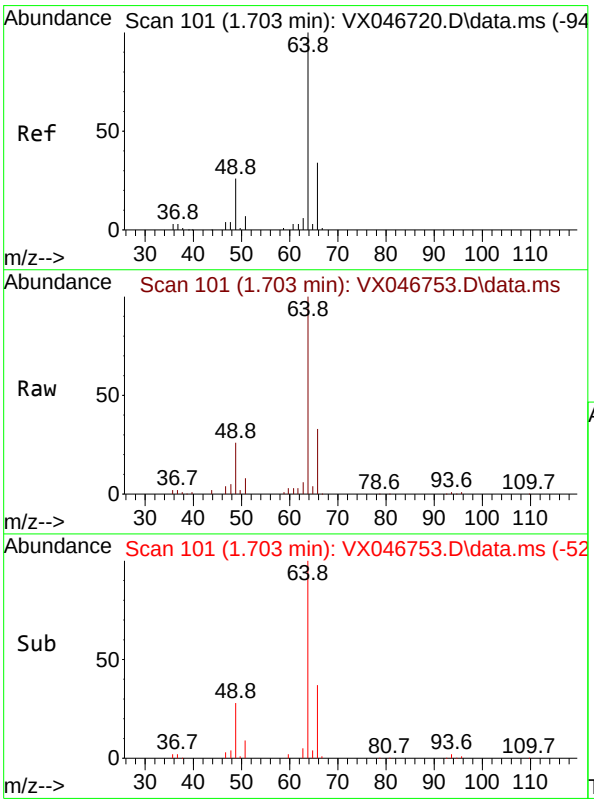
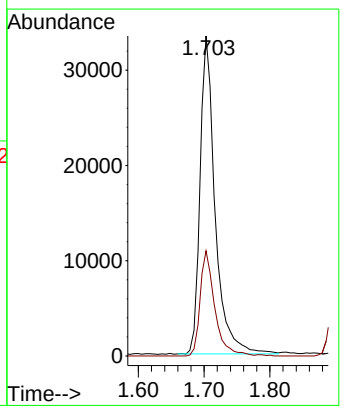
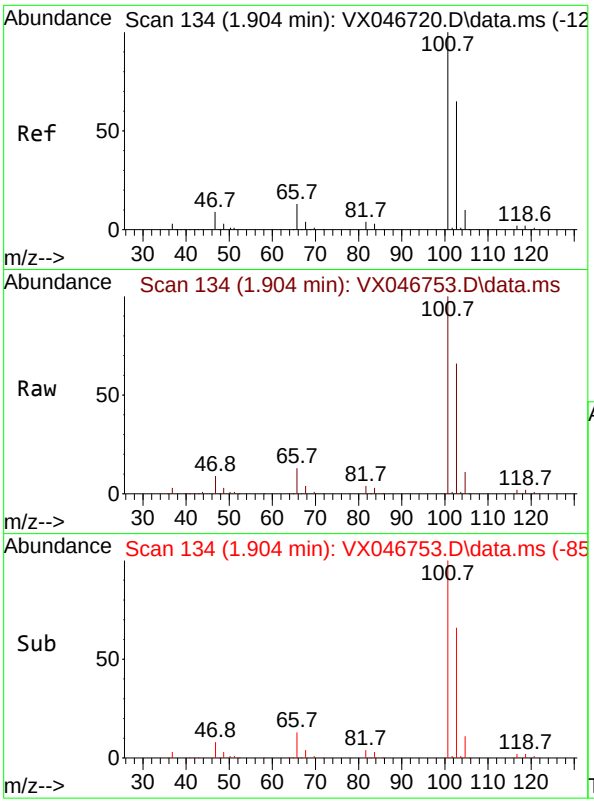


#6
Chloroethane
Concen: 49.805 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 64 Resp: 53067

Ion	Ratio	Lower	Upper
64	100		
66	33.1	27.1	40.7





#7
Trichlorofluoromethane
Concen: 49.095 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:101 Resp: 13105

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
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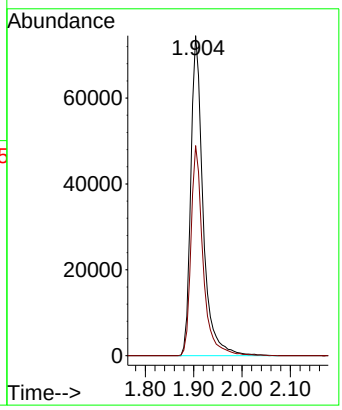
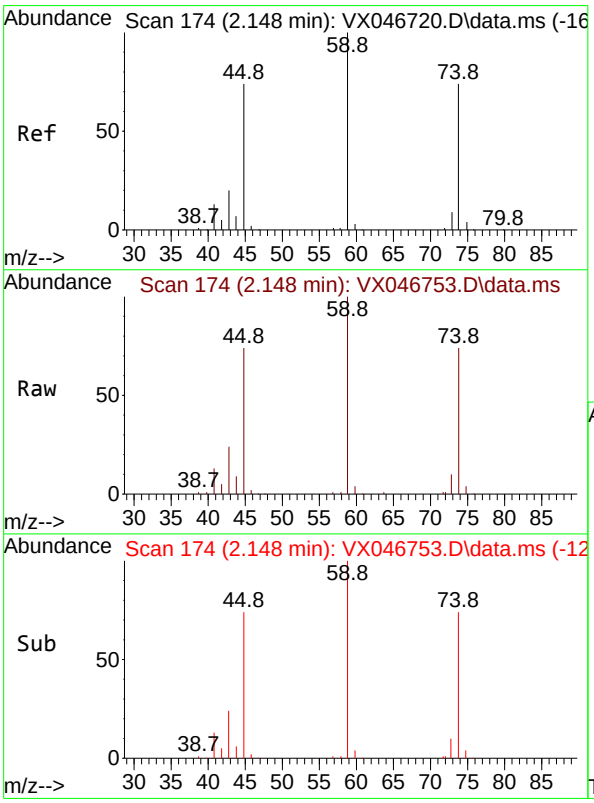
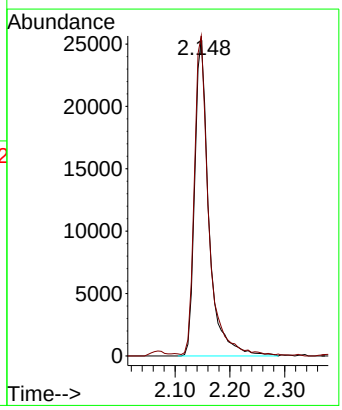


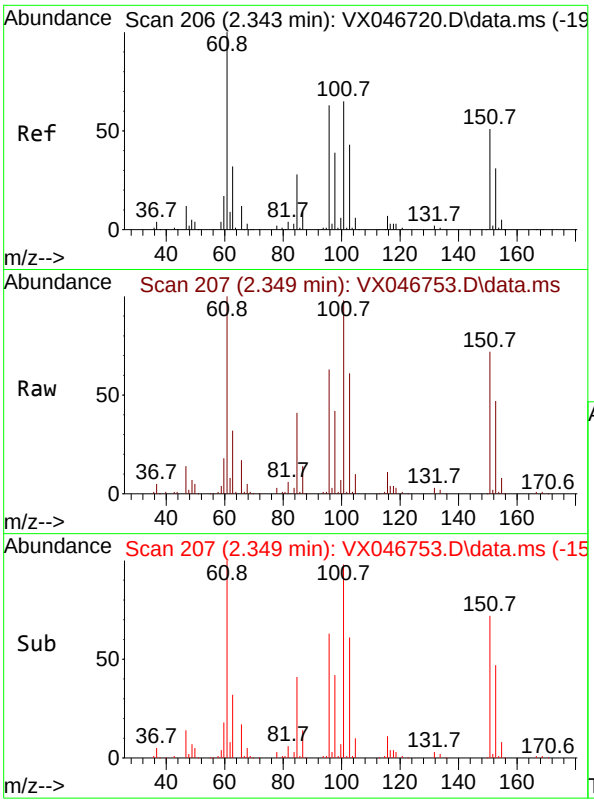


#8
Diethyl Ether
Concen: 49.928 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 74 Resp: 45738

Ion	Ratio	Lower	Upper
74	100		
45	102.8	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.400 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:101 Resp: 7925

Ion	Ratio	Lower	Upper
101	100		
85	43.1	35.4	53.0
151	75.3	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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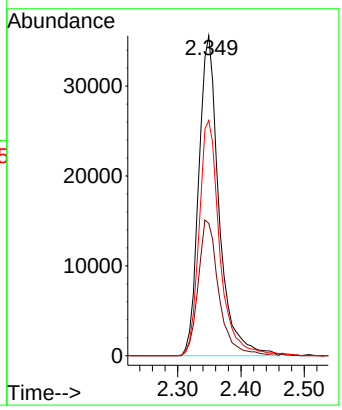
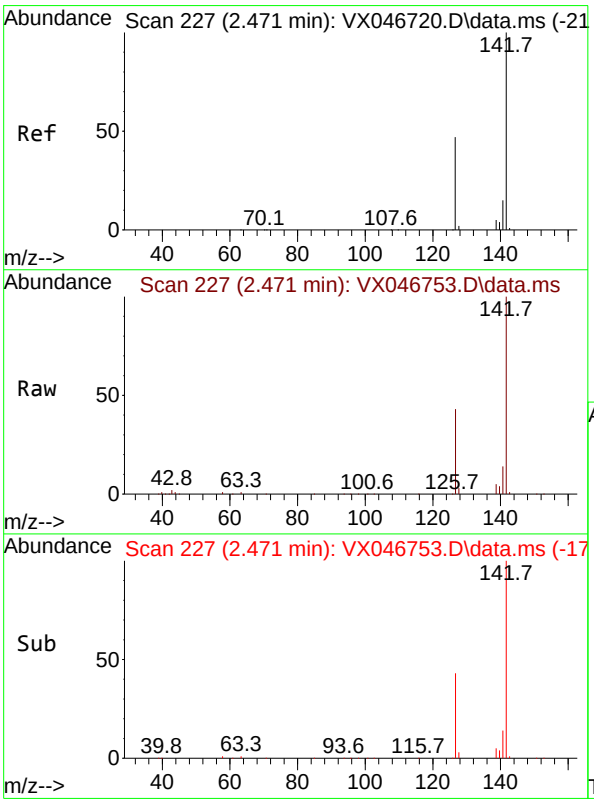
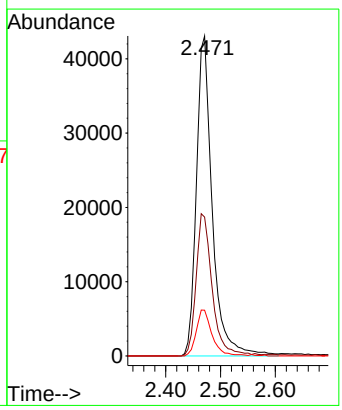


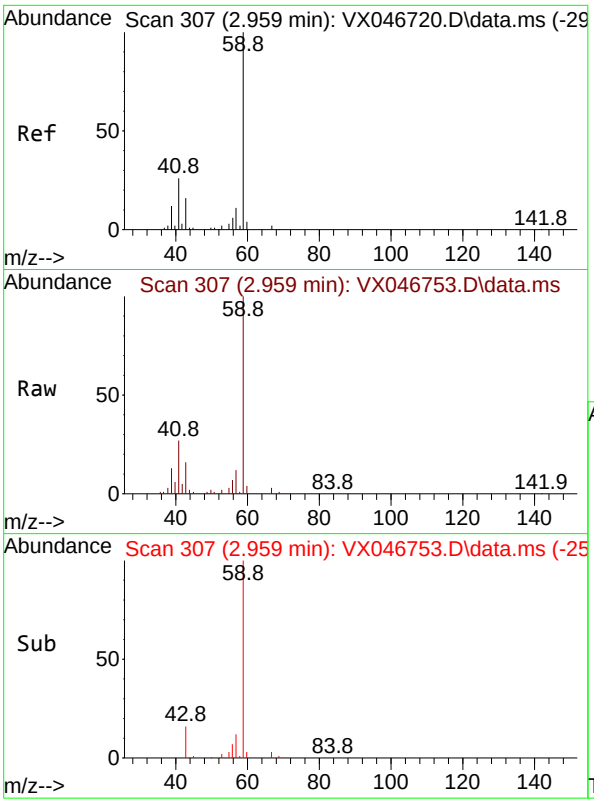


#10
Methyl Iodide
Concen: 43.078 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:142 Resp: 86957

Ion	Ratio	Lower	Upper
142	100		
127	45.1	37.0	55.6
141	14.2	11.5	17.3

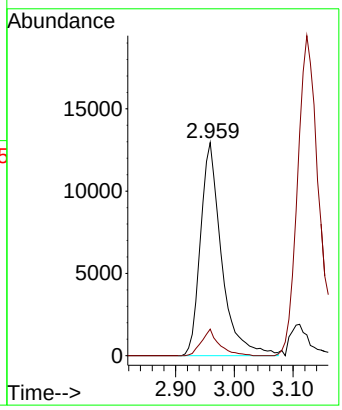




#11
Tert butyl alcohol
Concen: 181.614 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 59 Resp: 3225

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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Reviewed By :John Carlone 06/19/2025
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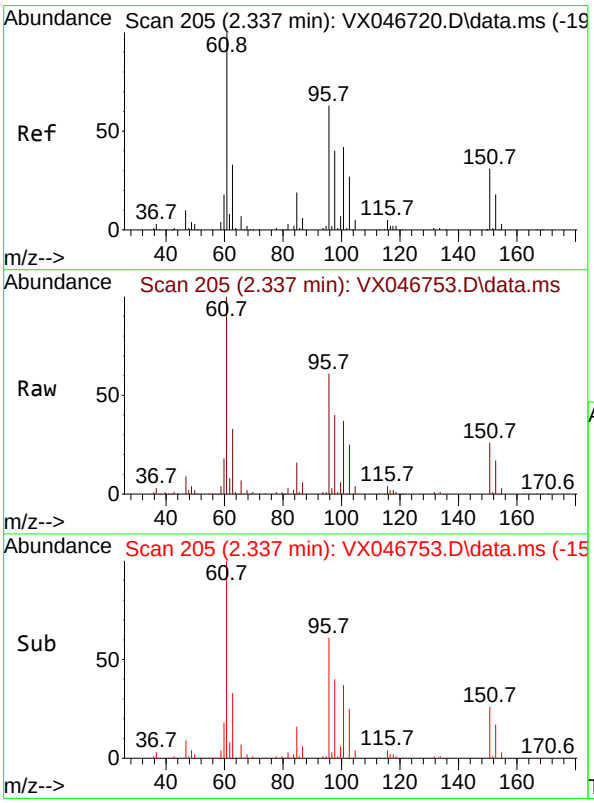
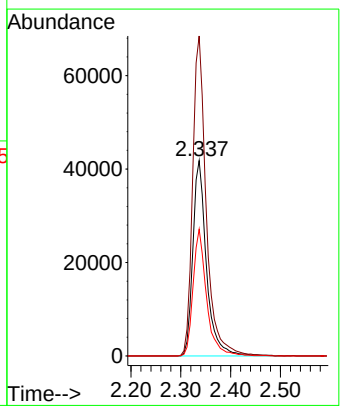
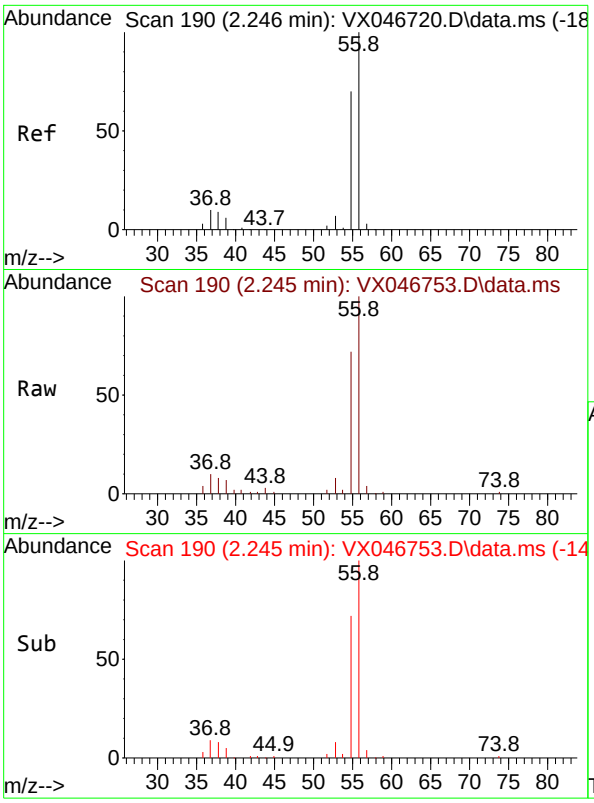


#12
1,1-Dichloroethene
Concen: 50.320 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 96 Resp: 79512

Ion	Ratio	Lower	Upper
96	100		
61	163.8	126.6	189.8
98	64.9	50.7	76.1





#13
Acrolein
Concen: 196.722 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 56 Resp: 5089

Ion	Ratio	Lower	Upper
56	100		
55	70.5	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
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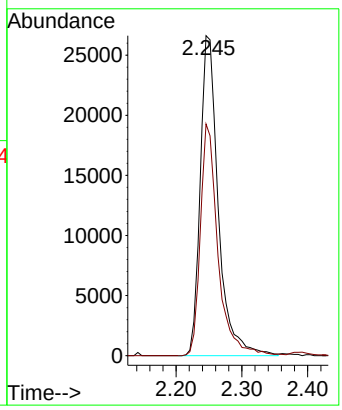
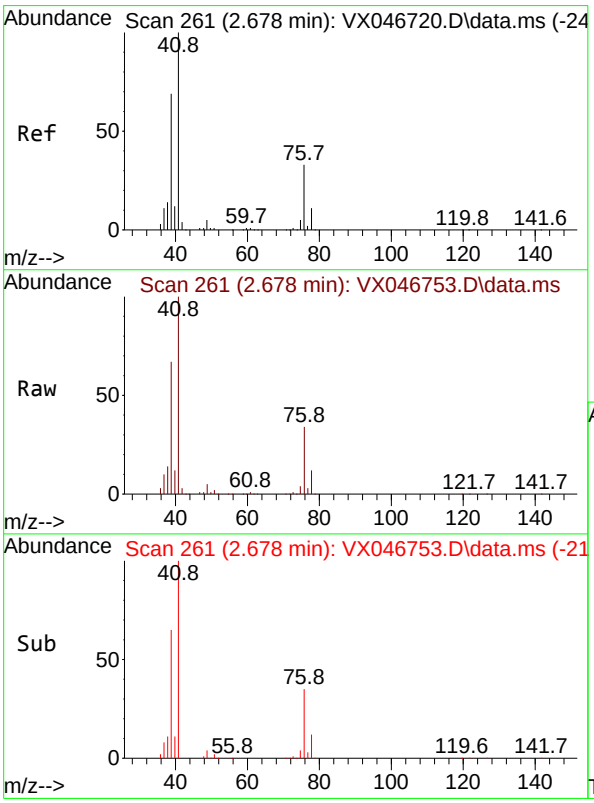
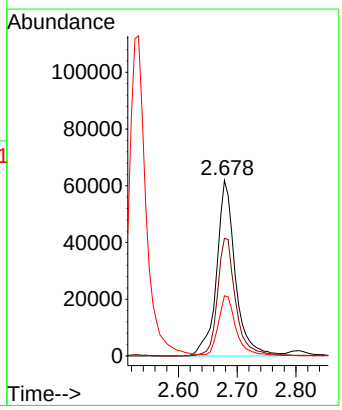


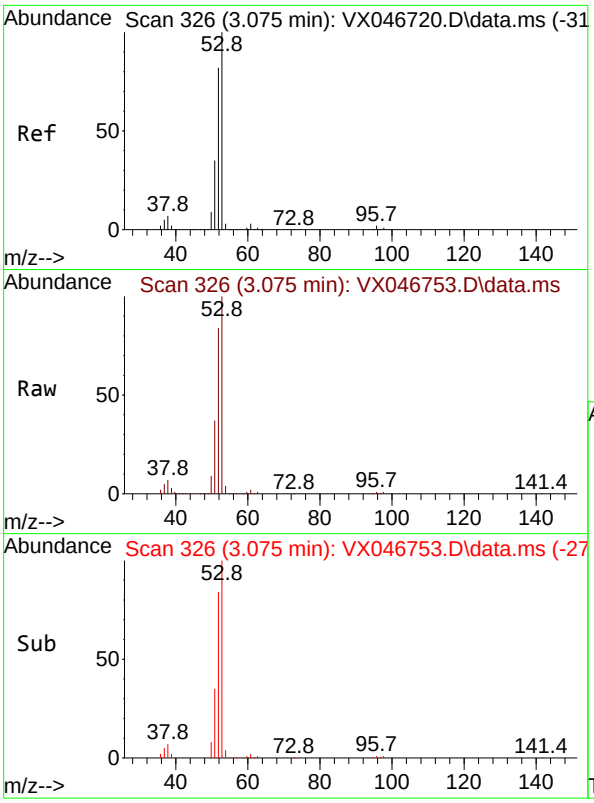


#14
Allyl chloride
Concen: 47.851 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 41 Resp: 136995

Ion	Ratio	Lower	Upper
41	100		
39	65.8	53.6	80.4
76	32.9	26.8	40.2





#15
Acrylonitrile
Concen: 231.310 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 53 Resp: 18472

Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.1	97.7
51	36.8	28.9	43.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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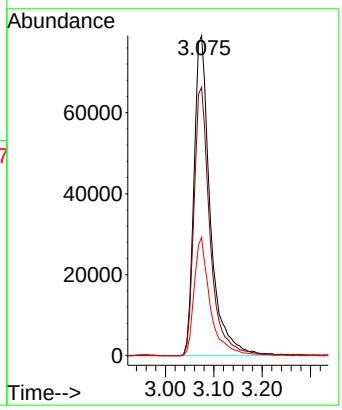
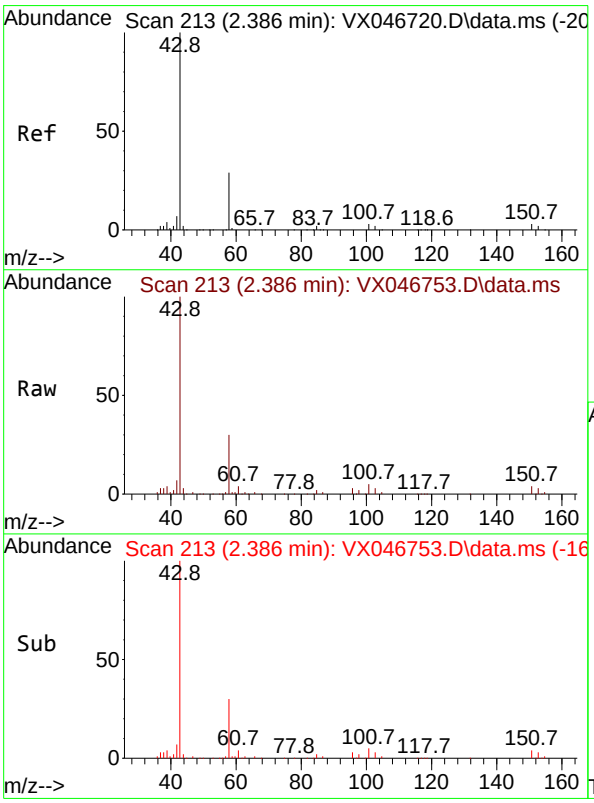
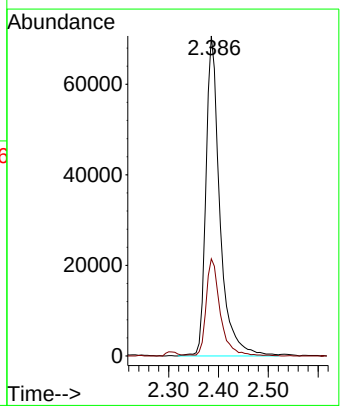


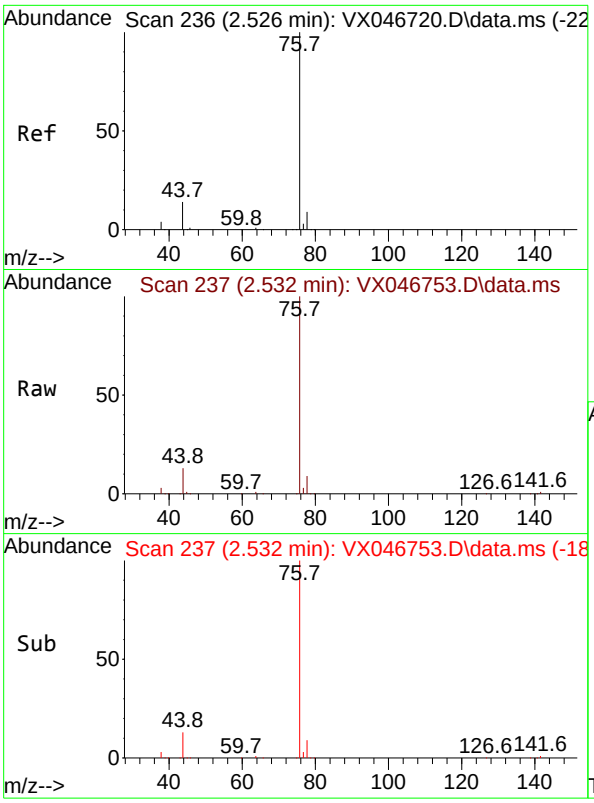


#16
Acetone
Concen: 208.316 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 43 Resp: 137459

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.5	36.7





#17
Carbon Disulfide
Concen: 46.240 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 76 Resp: 22064

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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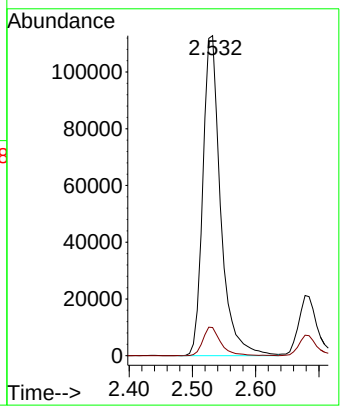
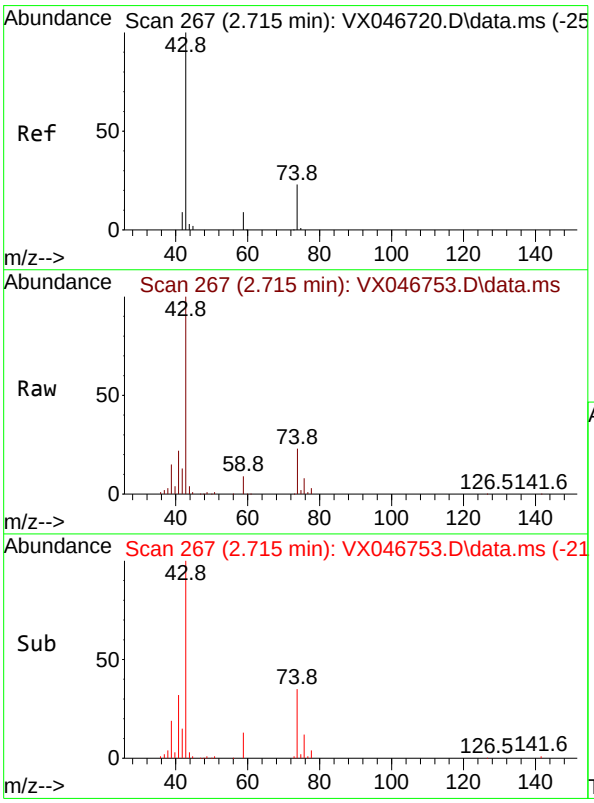
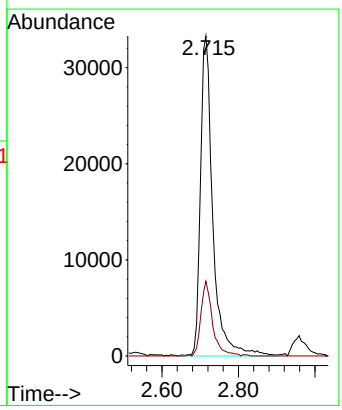


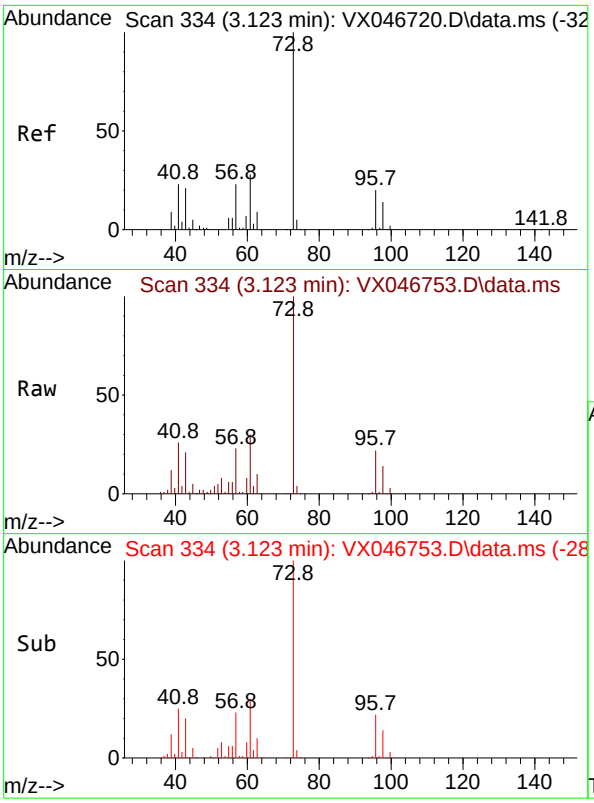


#18
Methyl Acetate
Concen: 44.481 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 43 Resp: 74547

Ion	Ratio	Lower	Upper
43	100		
74	22.0	18.4	27.6





#19
Methyl tert-butyl Ether
Concen: 46.091 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 73 Resp: 22677

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.2	27.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
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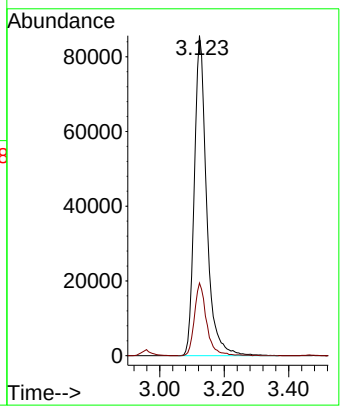
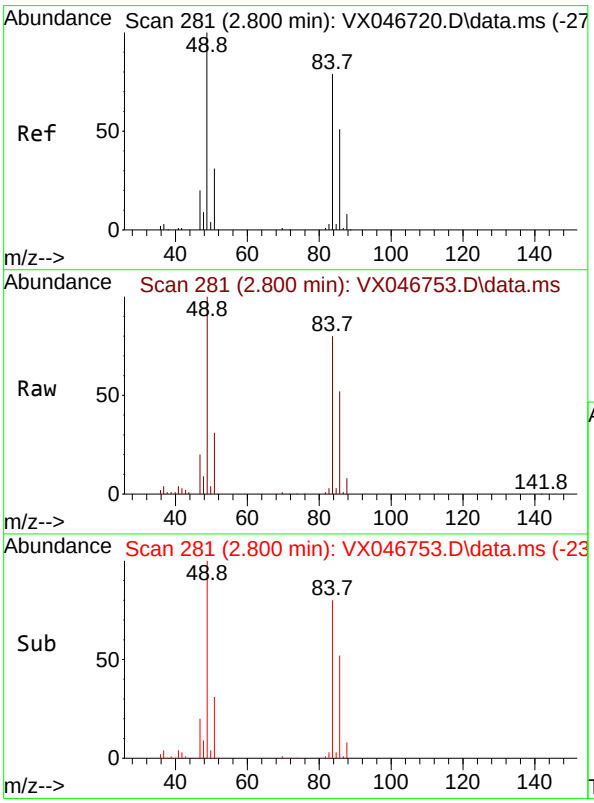
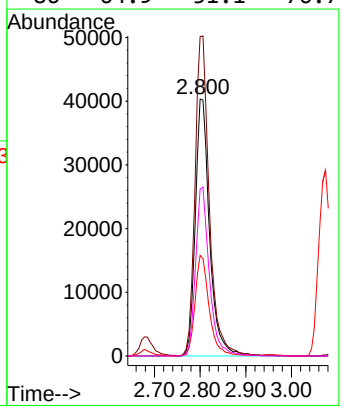


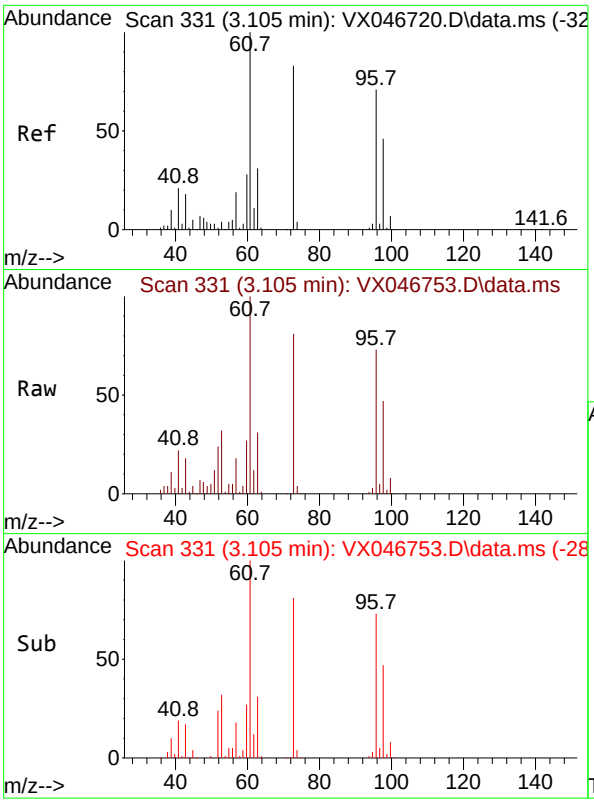


#20
Methylene Chloride
Concen: 47.587 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 84 Resp: 87325

Ion	Ratio	Lower	Upper
84	100		
49	124.3	101.3	151.9
51	39.1	31.0	46.6
86	64.9	51.1	76.7

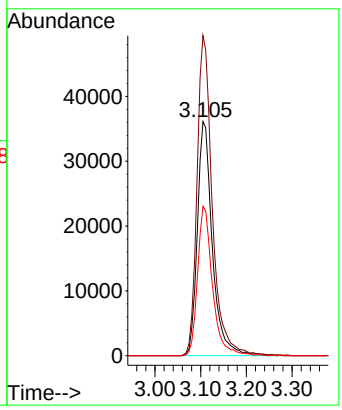




#21
trans-1,2-Dichloroethene
Concen: 48.802 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 96 Resp: 8251

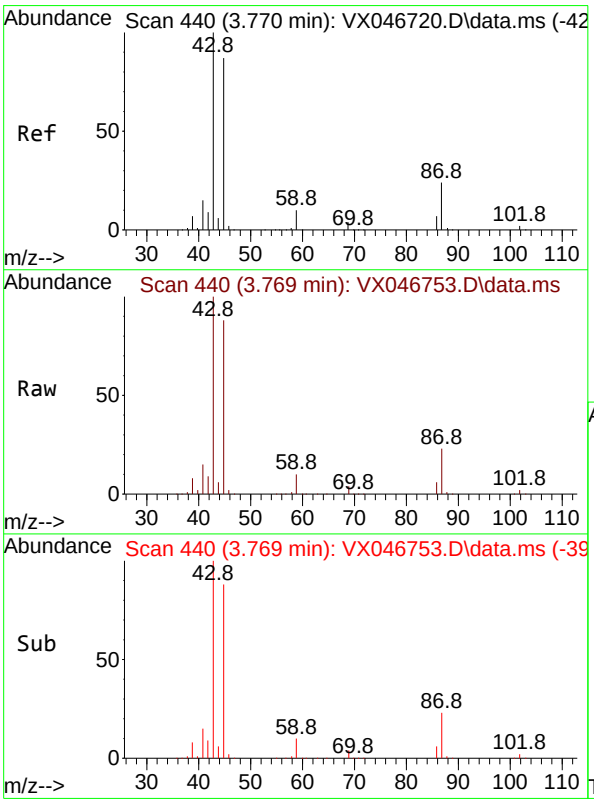
Ion	Ratio	Lower	Upper
96	100		
61	136.7	112.5	168.7
98	63.8	51.9	77.9



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
APPROVED

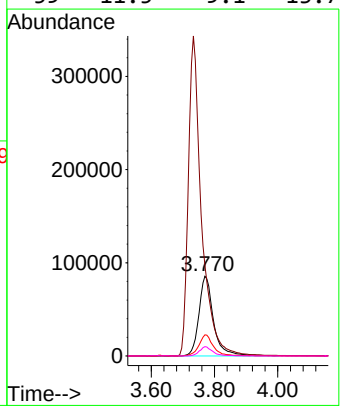
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

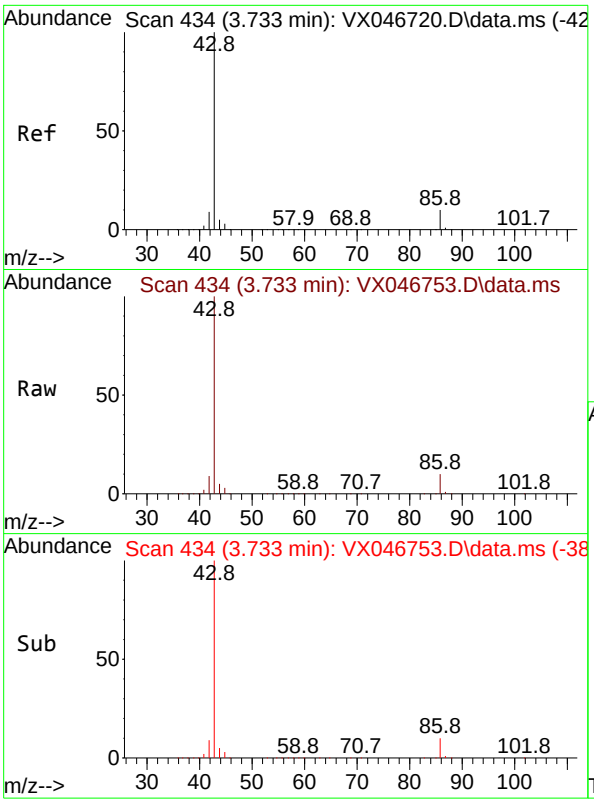


#22
Diisopropyl ether
Concen: 49.974 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 45 Resp: 275002

Ion	Ratio	Lower	Upper
45	100		
43	113.3	91.9	137.9
87	26.6	22.0	33.0
59	11.5	9.1	13.7





#23
Vinyl Acetate
Concen: 228.560 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 43 Resp: 100017

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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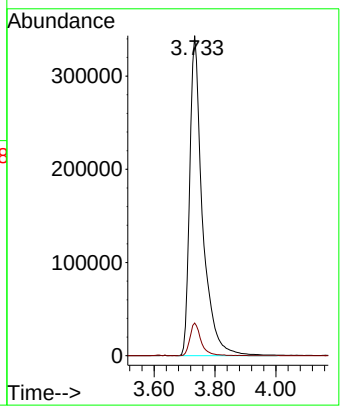
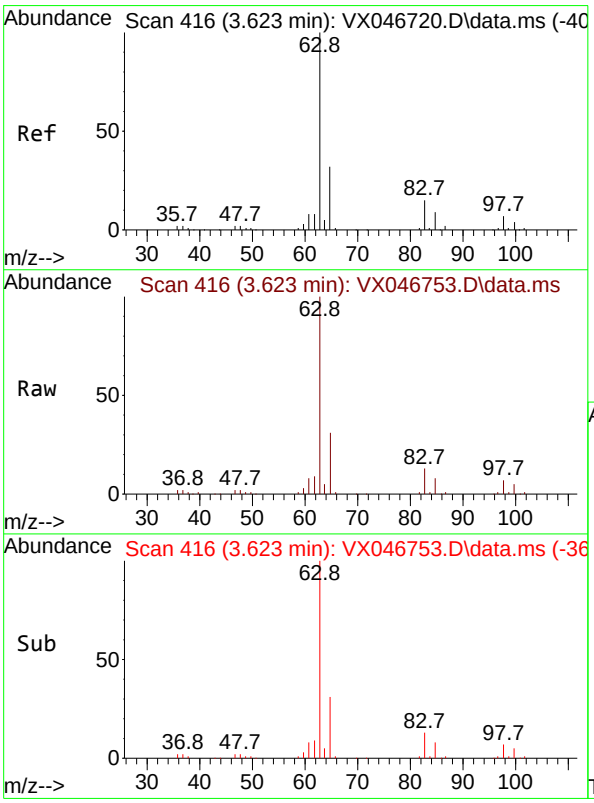
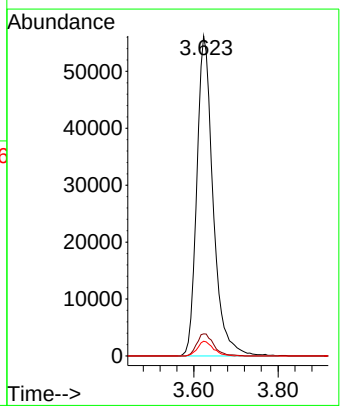


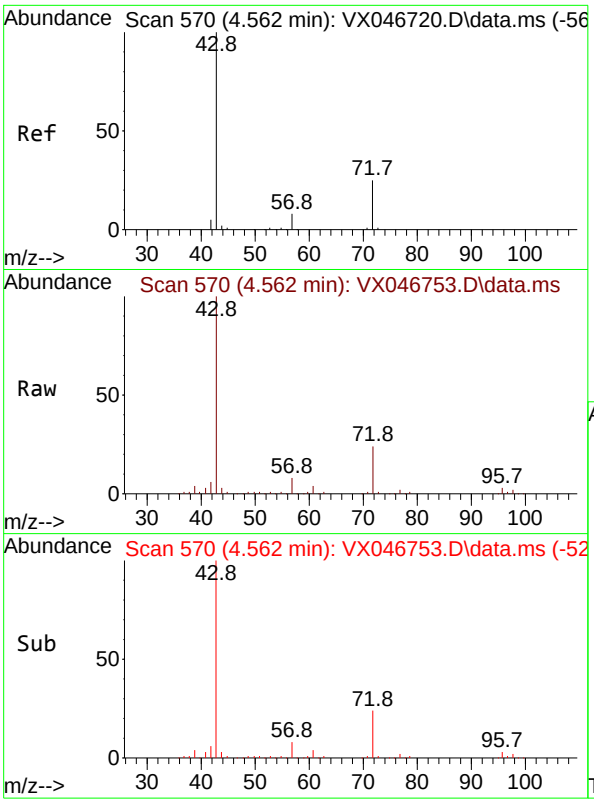


#24
1,1-Dichloroethane
Concen: 48.365 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 63 Resp: 151111

Ion	Ratio	Lower	Upper
63	100		
98	6.9	4.0	11.9
100	4.6	2.2	6.6





#25
2-Butanone
Concen: 224.903 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 43 Resp: 20988

Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.2	30.4

Instrument :
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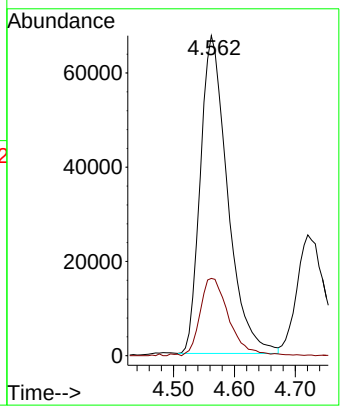
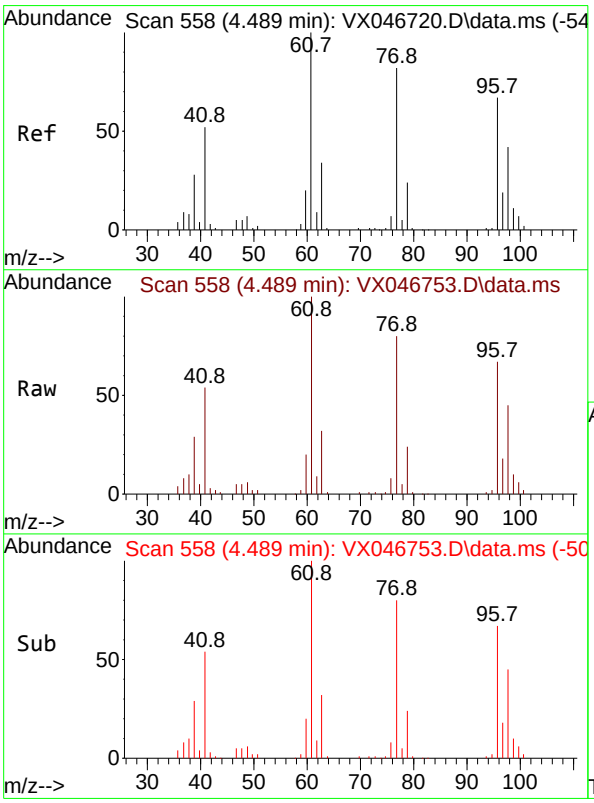
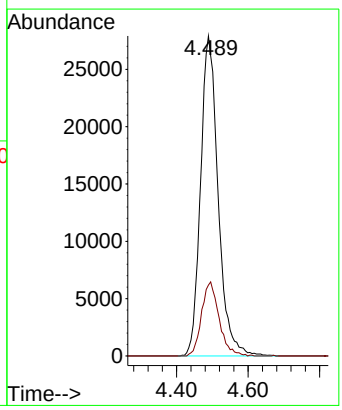


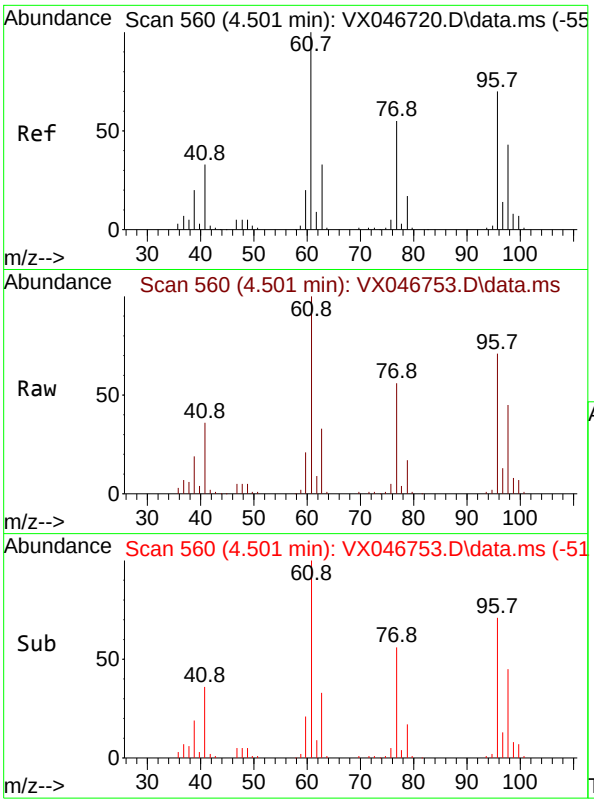


#26
2,2-Dichloropropane
Concen: 41.752 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 77 Resp: 95144

Ion	Ratio	Lower	Upper
77	100		
97	23.1	11.8	35.3





#27
cis-1,2-Dichloroethene
Concen: 48.734 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 96 Resp: 9680

Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	291.0
98	64.1	0.0	126.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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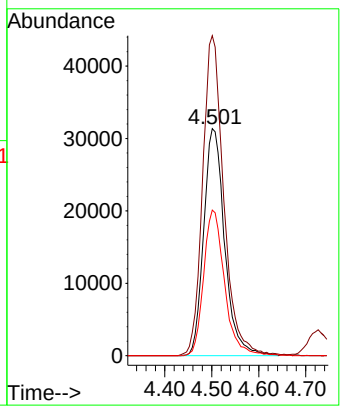
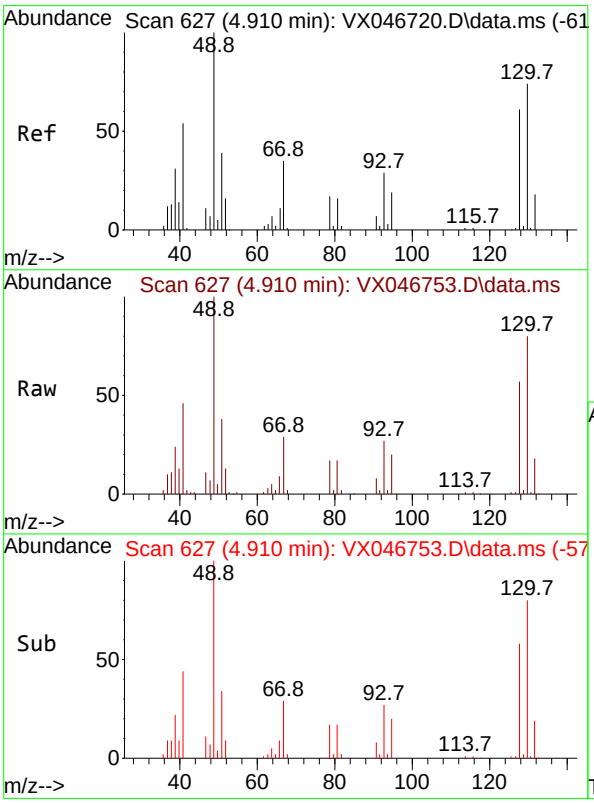
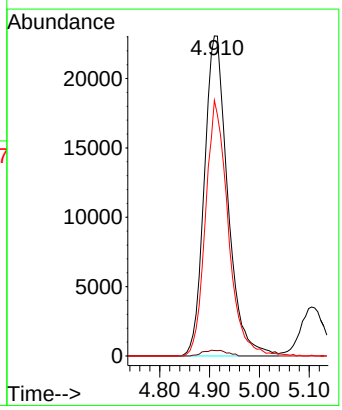


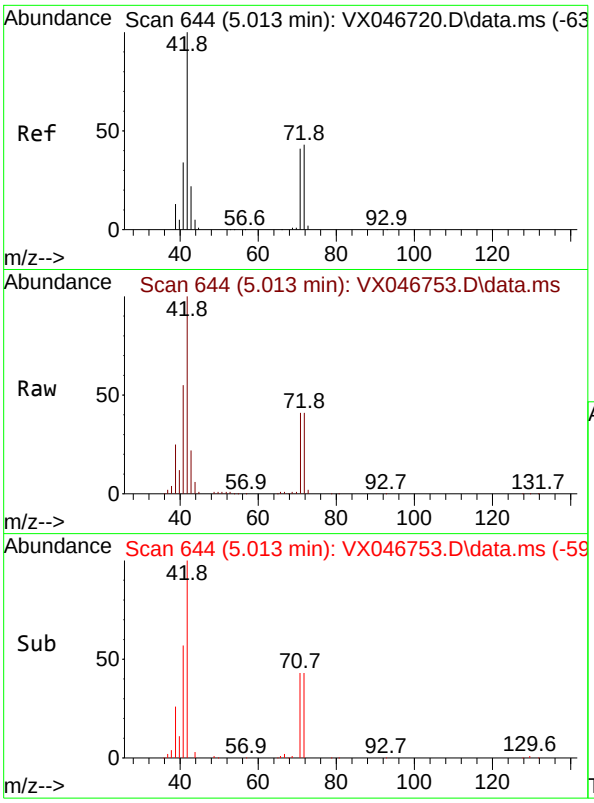


#28
Bromochloromethane
Concen: 53.219 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 49 Resp: 75384

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	77.0	61.4	92.0





#29
Tetrahydrofuran
Concen: 231.740 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 42 Resp: 13969

Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.9	52.3
71	38.6	32.2	48.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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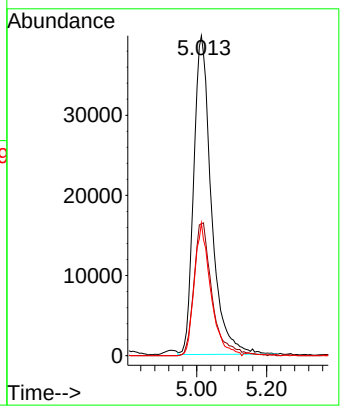
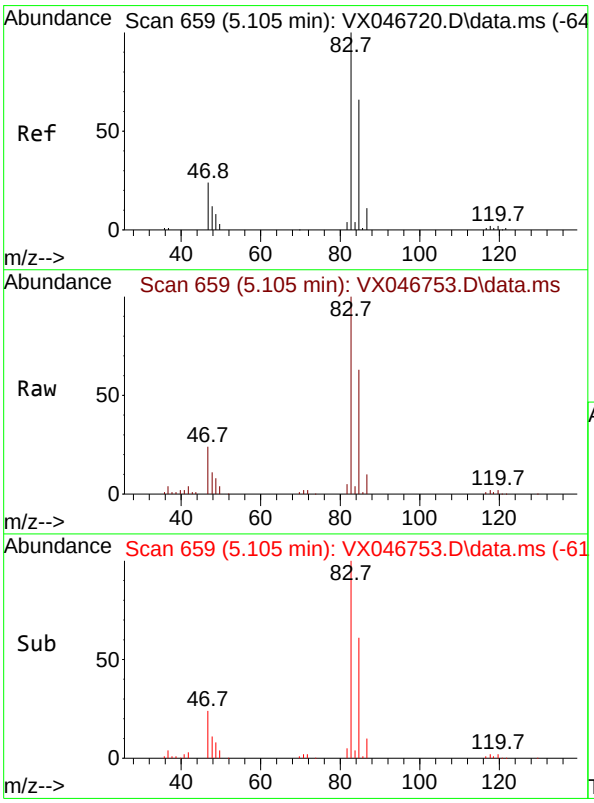
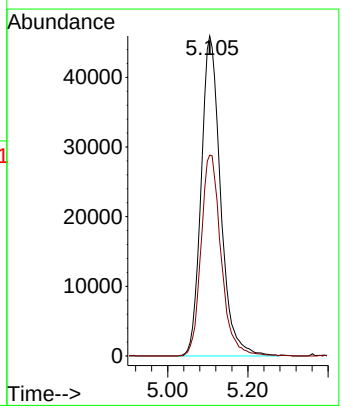


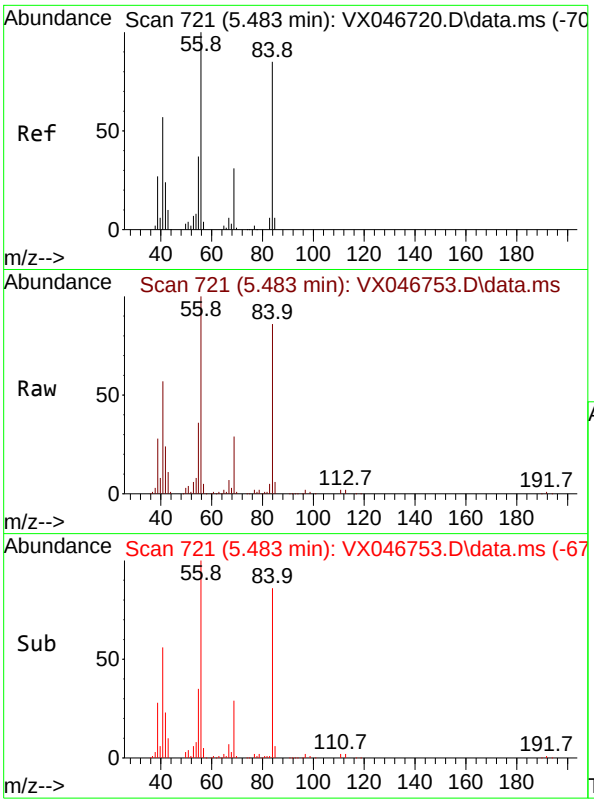


#30
Chloroform
Concen: 49.396 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 83 Resp: 154343

Ion	Ratio	Lower	Upper
83	100		
85	62.8	53.7	80.5





#31
Cyclohexane
Concen: 46.988 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 56 Resp: 13922

Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.8	37.2
84	84.4	68.2	102.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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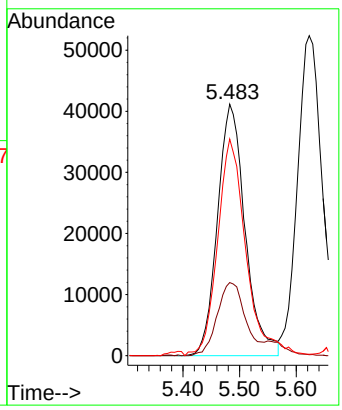
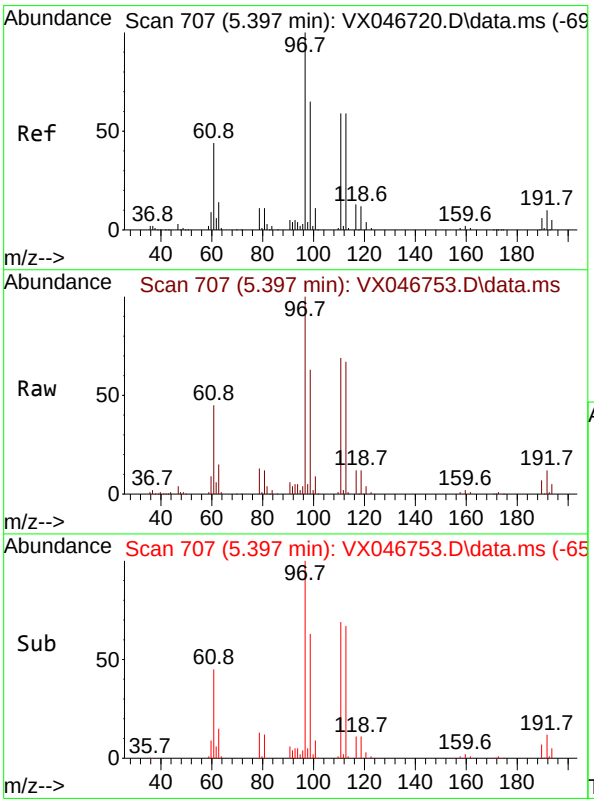
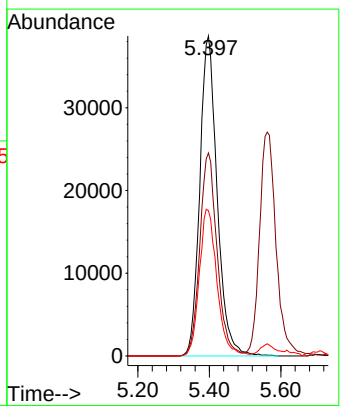


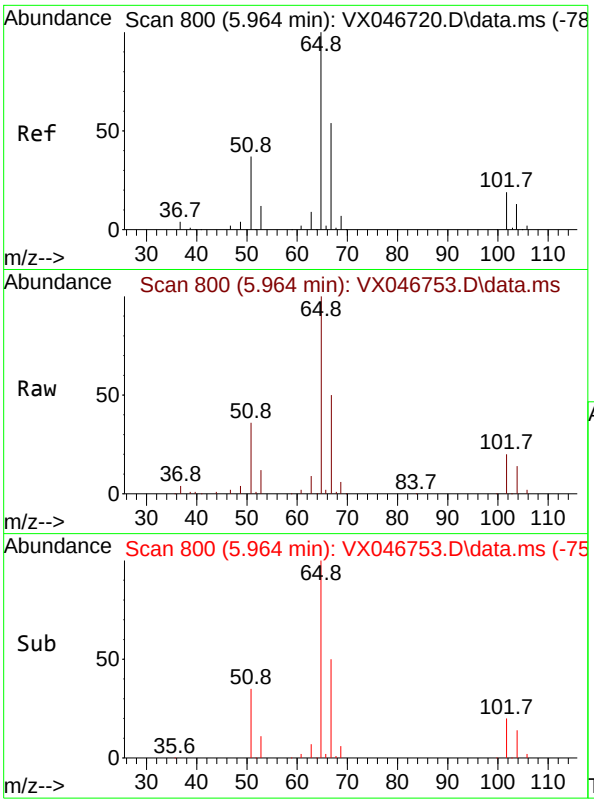


#32
1,1,1-Trichloroethane
Concen: 47.547 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 97 Resp: 130295

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	46.6	36.4	54.6





#33
1,2-Dichloroethane-d4
Concen: 50.601 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 65 Resp: 10012

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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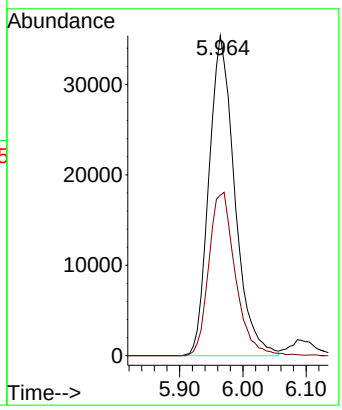
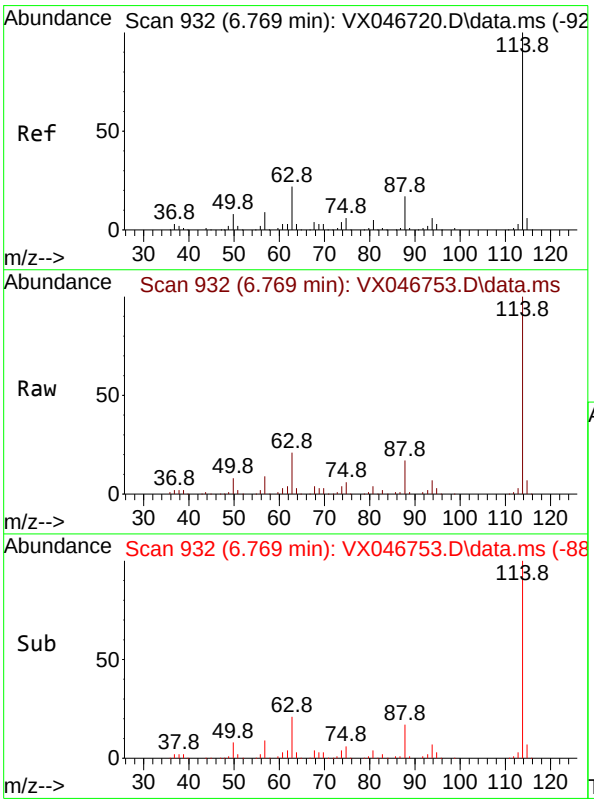
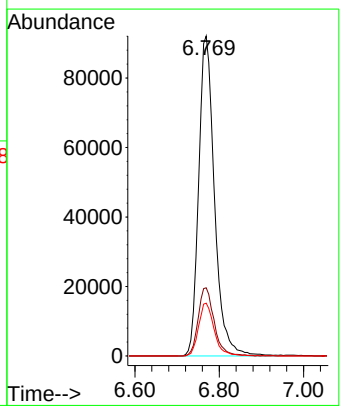


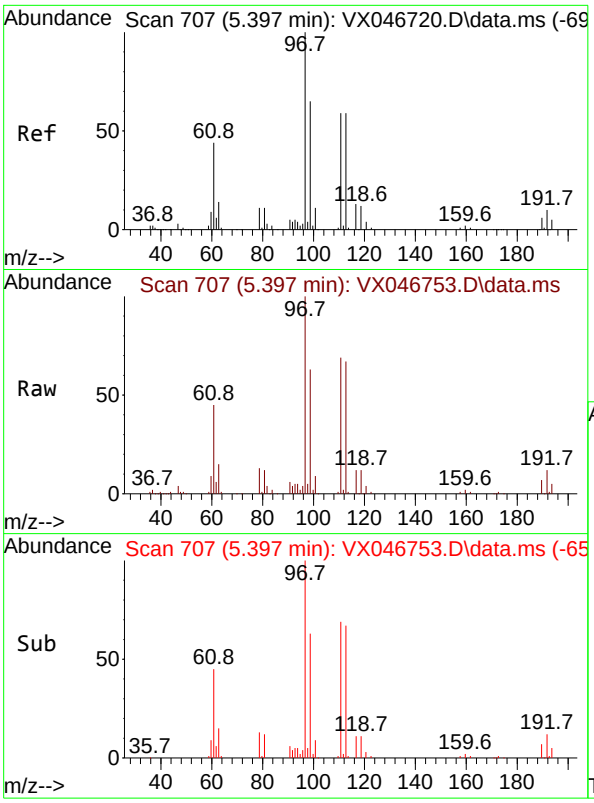


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:114 Resp: 240999

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.2
88	16.5	0.0	33.2

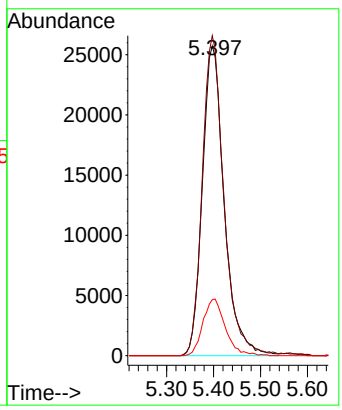




#35
Dibromofluoromethane
Concen: 52.078 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:113 Resp: 8304

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	18.8	15.3	22.9



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ClientSampleId :
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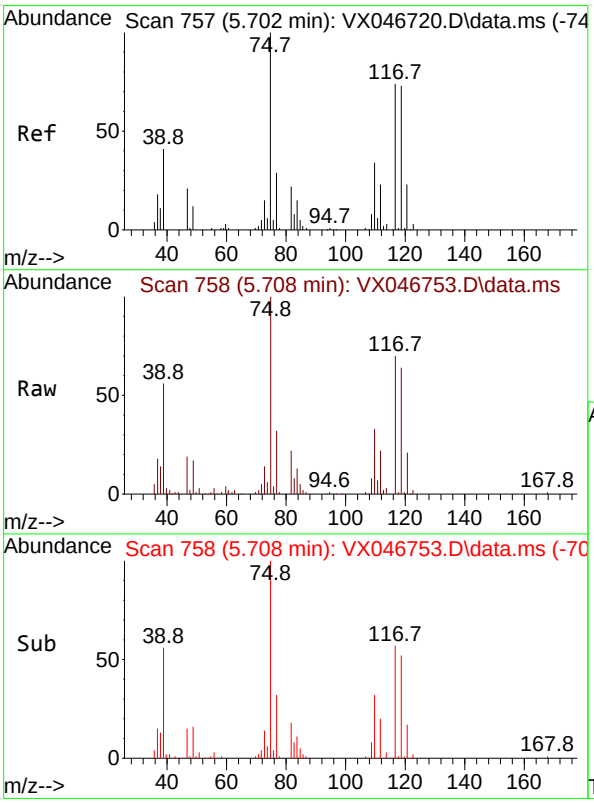
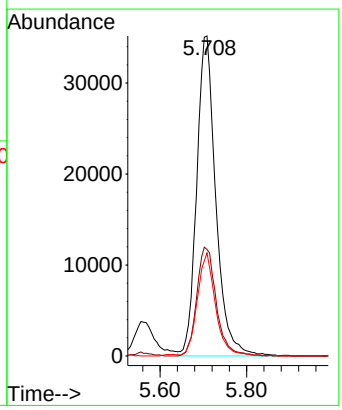
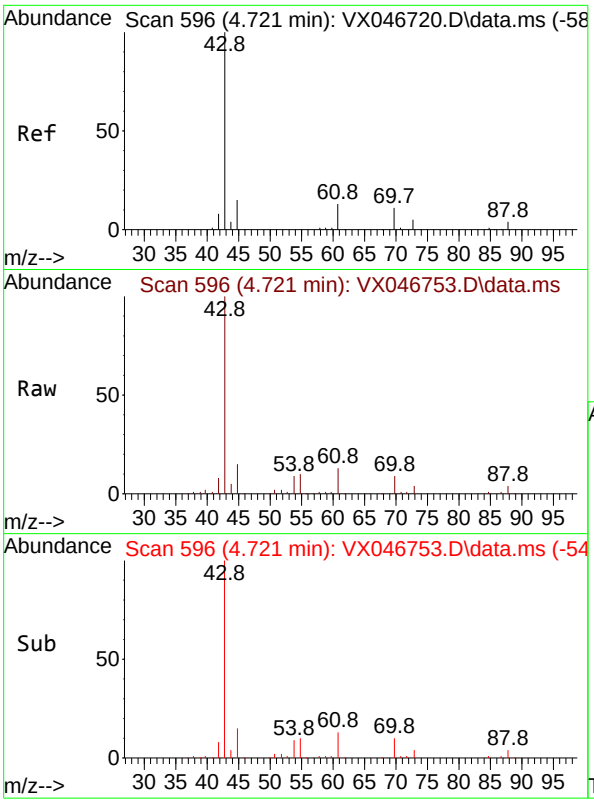


#36
1,1-Dichloropropene
Concen: 46.878 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 75 Resp: 107903

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.2	51.5
77	30.6	24.2	36.4





#37
Ethyl Acetate
Concen: 41.462 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 43 Resp: 8809

Ion	Ratio	Lower	Upper
43	100		
61	13.4	9.7	14.5
70	9.0	8.1	12.1

Instrument :
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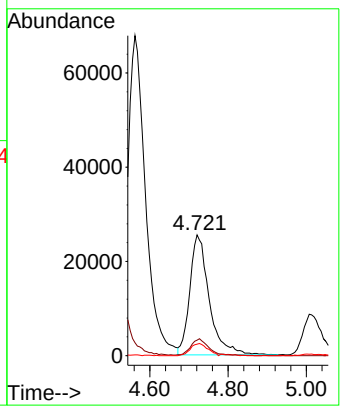
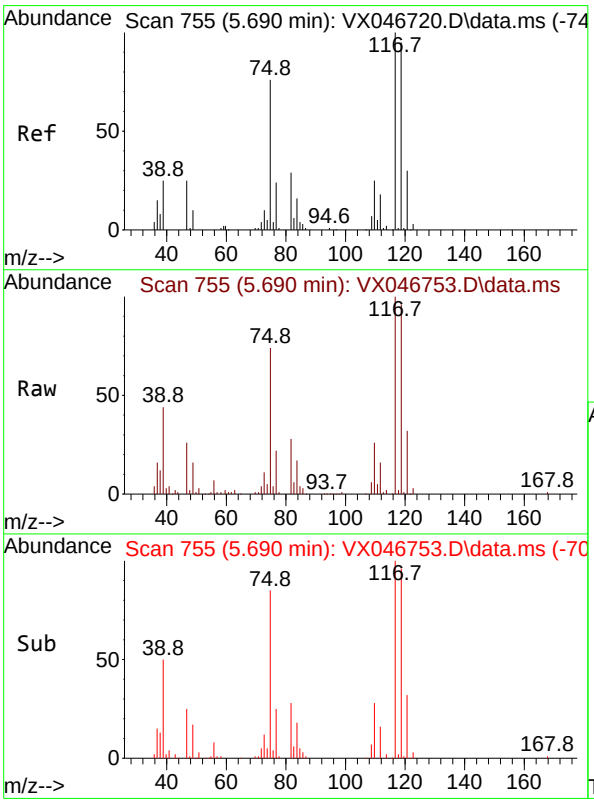
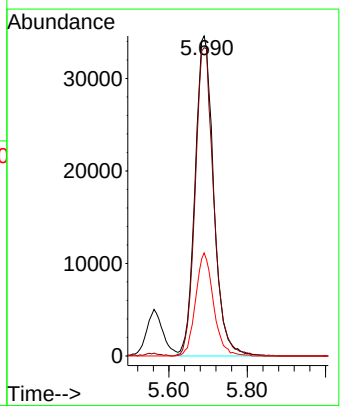


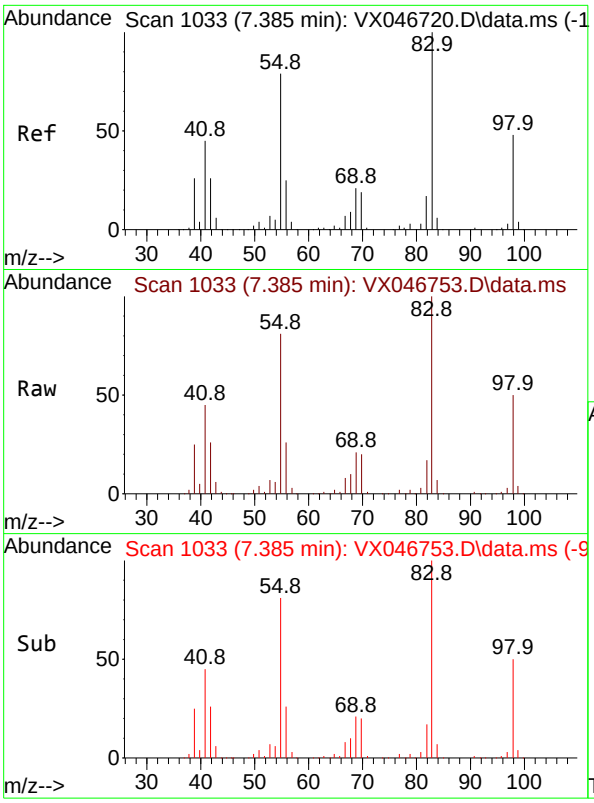


#38
Carbon Tetrachloride
Concen: 45.829 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:117 Resp: 114481

Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.2	112.8
121	32.2	24.1	36.1

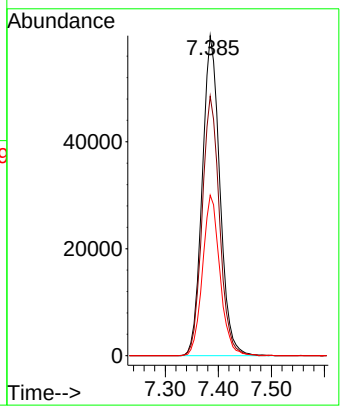




#39
Methylcyclohexane
Concen: 45.609 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 83 Resp: 13814

Ion	Ratio	Lower	Upper
83	100		
55	81.1	63.0	94.4
98	50.1	38.8	58.2



Instrument :
MSVOA_X
ClientSampleId :
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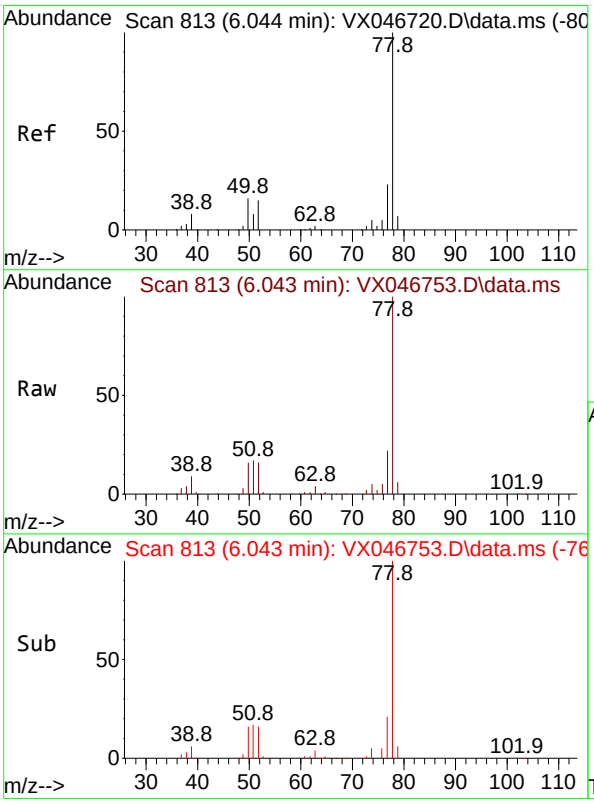
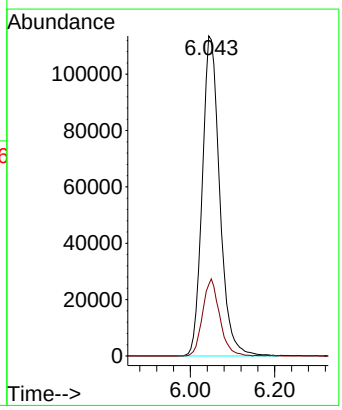
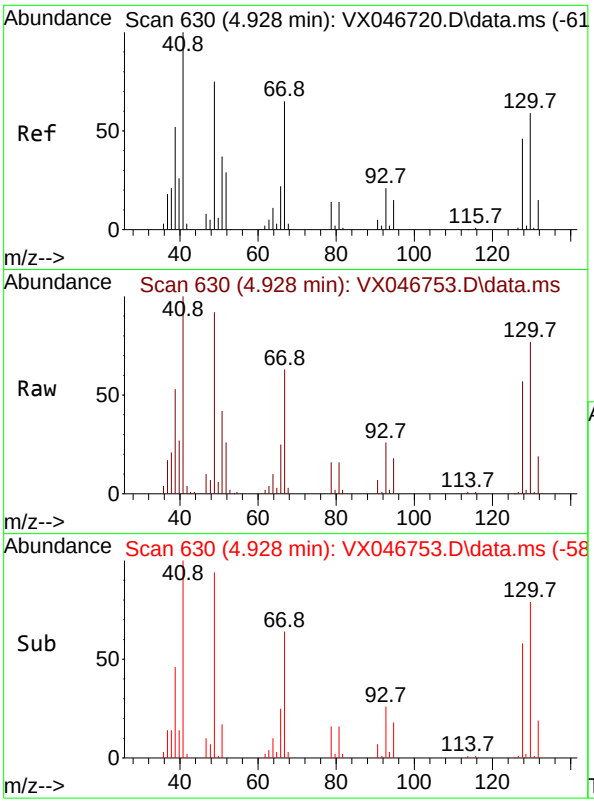


#40
Benzene
Concen: 47.998 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 78 Resp: 326964

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.8	28.2

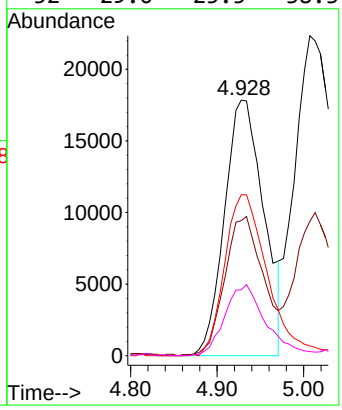




#41
Methacrylonitrile
Concen: 49.649 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 41 Resp: 5623

Ion	Ratio	Lower	Upper
41	100		
39	53.6	45.9	68.9
67	69.6	61.2	91.8
52	29.0	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
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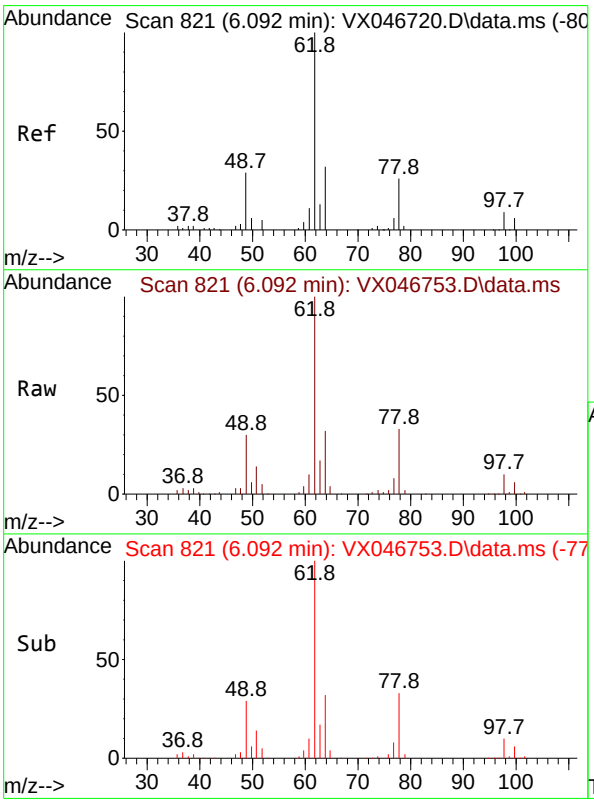
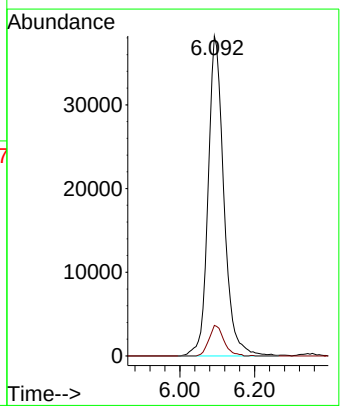
Supervised By :Mahesh Dadoda 06/21/2025

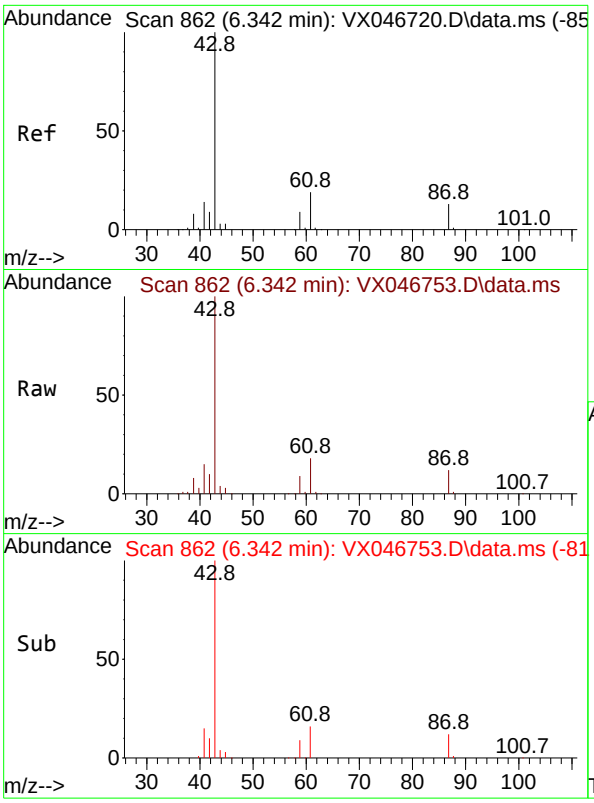


#42
1,2-Dichloroethane
Concen: 46.799 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 62 Resp: 112027

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8





#43
Isopropyl Acetate
Concen: 43.619 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 43 Resp: 14502

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.3	22.9
87	12.6	10.0	15.0

Instrument :
MSVOA_X
ClientSampleId :
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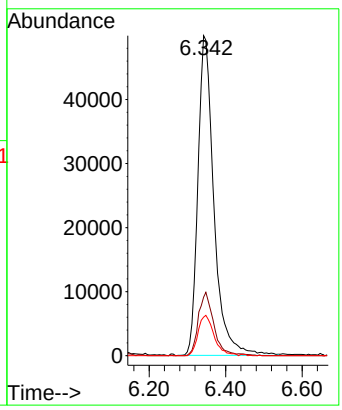
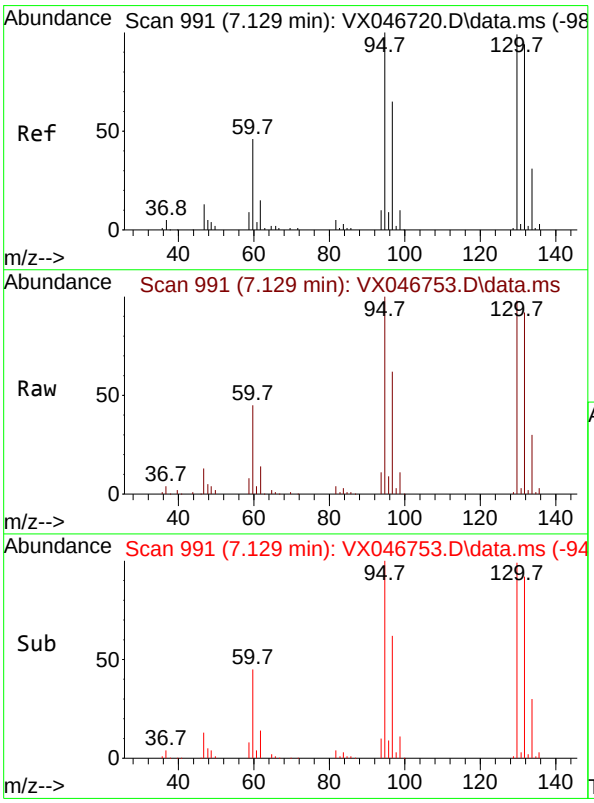
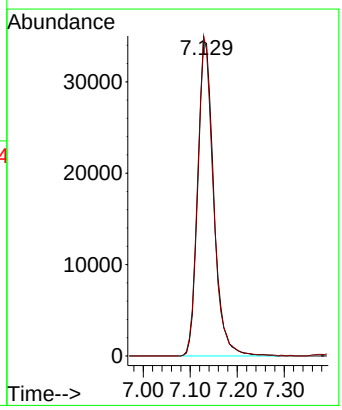


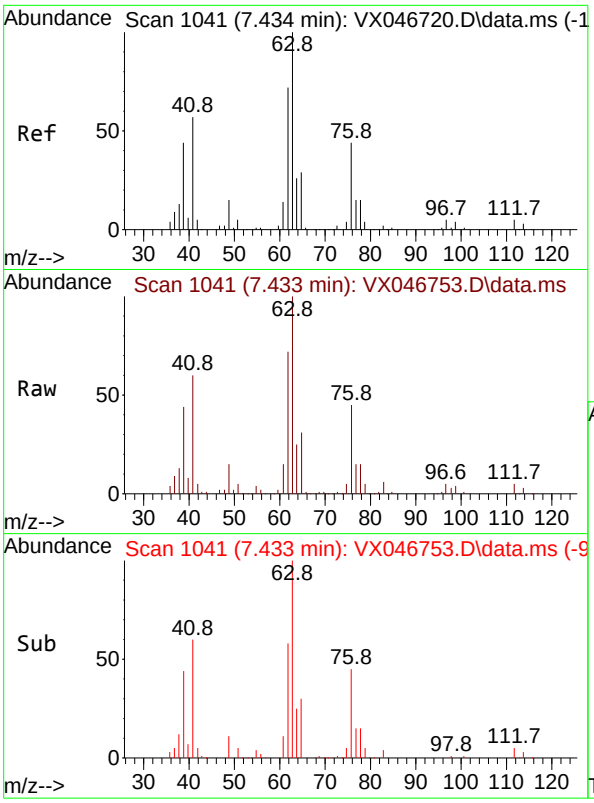


#44
Trichloroethene
Concen: 47.090 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:130 Resp: 81750

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	202.6





#45
1,2-Dichloropropane
Concen: 47.769 ug/l
RT: 7.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 63 Resp: 8064

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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Reviewed By :John Carlone 06/19/2025
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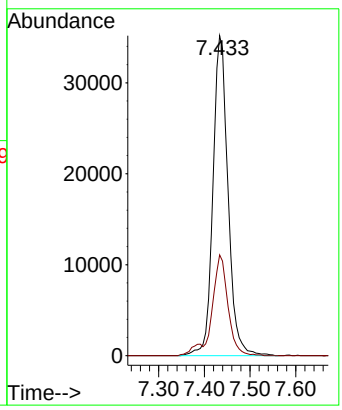
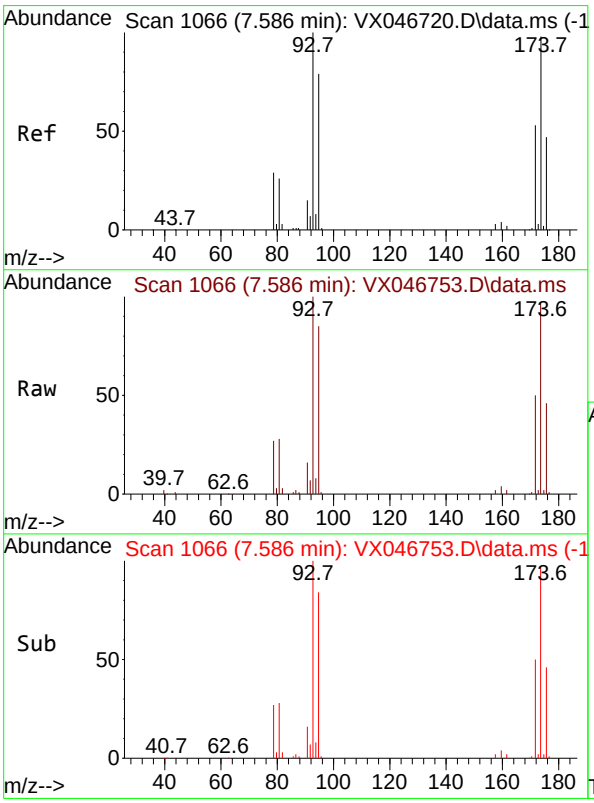
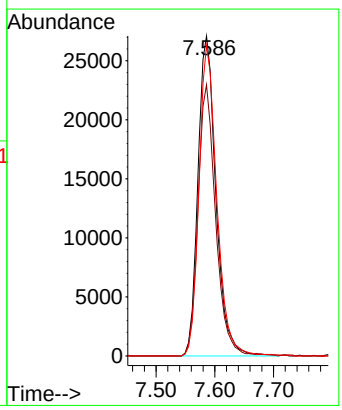


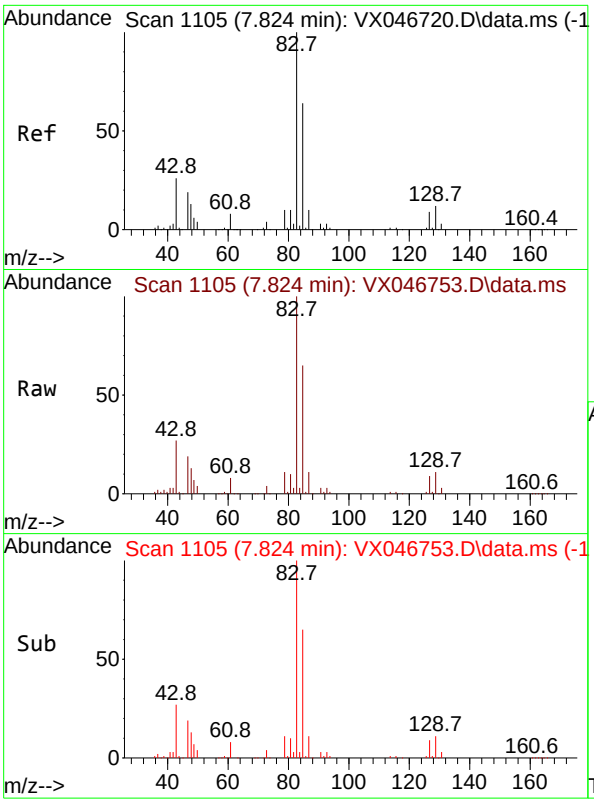


#46
Dibromomethane
Concen: 47.246 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 93 Resp: 57324

Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.2	99.4
174	96.7	77.0	115.6

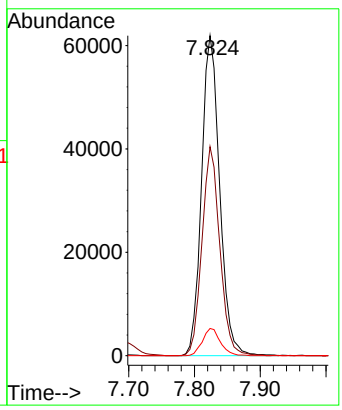




#47
Bromodichloromethane
Concen: 47.892 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 83 Resp: 11857

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.4	77.2
127	8.5	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
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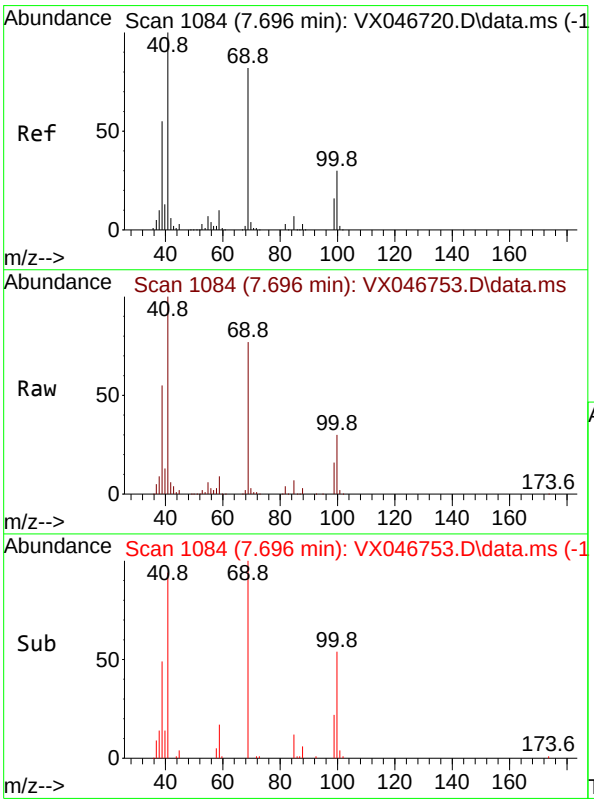
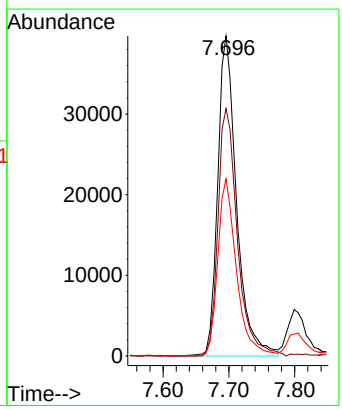
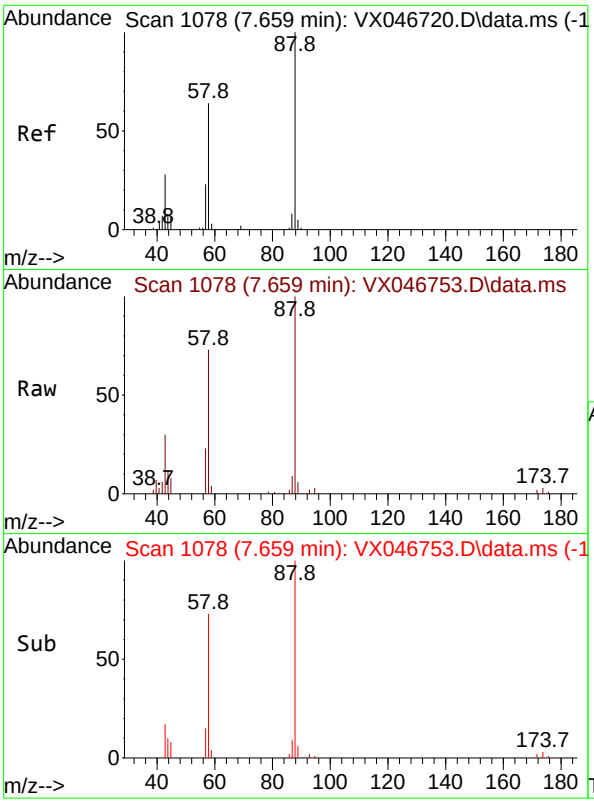


#48
Methyl methacrylate
Concen: 47.484 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 41 Resp: 79176

Ion	Ratio	Lower	Upper
41	100		
69	79.5	63.4	95.2
39	54.9	45.4	68.0





#49
1,4-Dioxane
Concen: 719.791 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 88 Resp: 1726

Ion	Ratio	Lower	Upper
88	100		
43	40.3	31.2	46.8
58	75.0	54.7	82.1

Instrument :
MSVOA_X
ClientSampleId :
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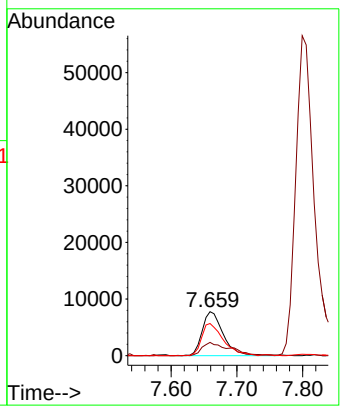
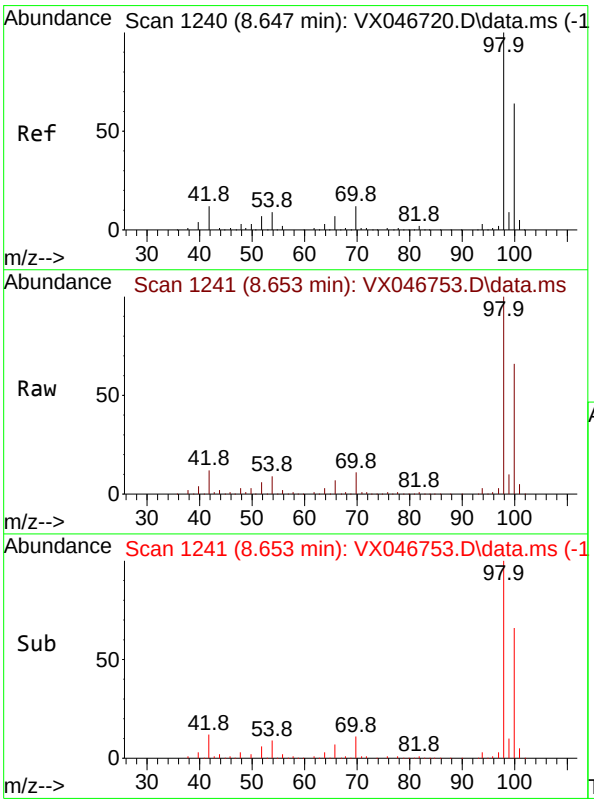
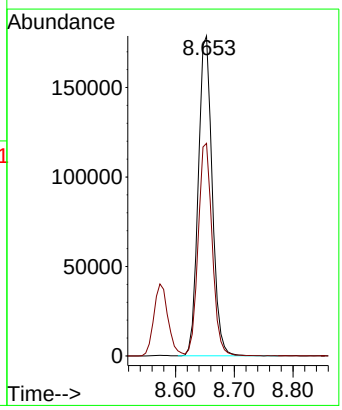


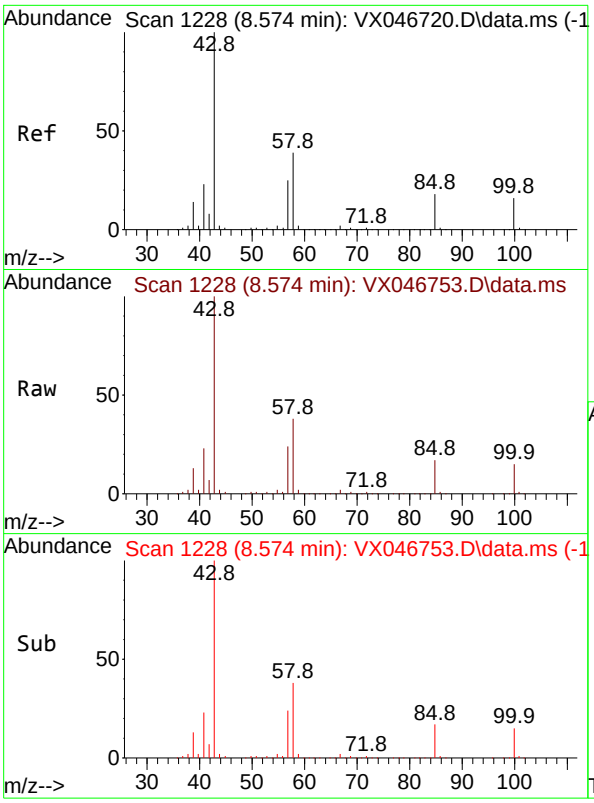


#50
Toluene-d8
Concen: 51.326 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 98 Resp: 294034

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 229.964 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 43 Resp: 45599

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.8	46.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
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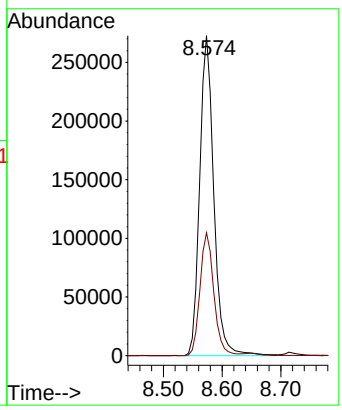
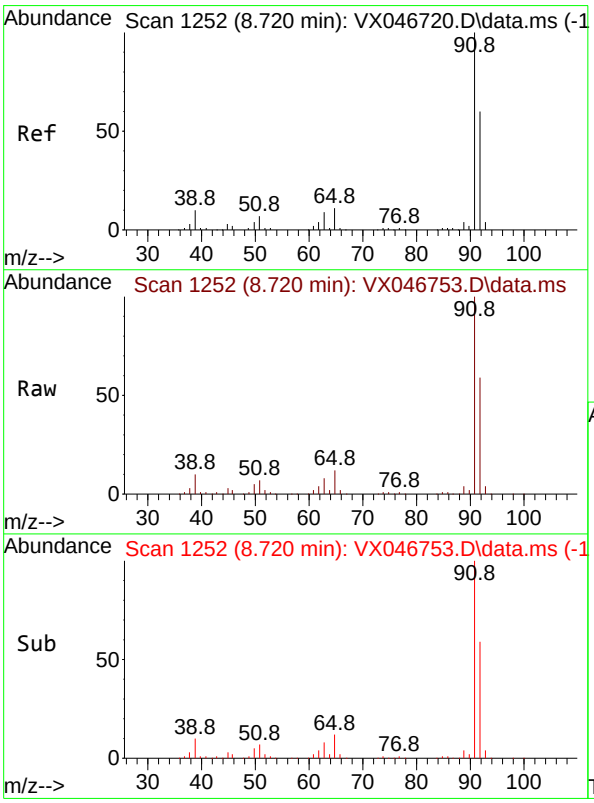
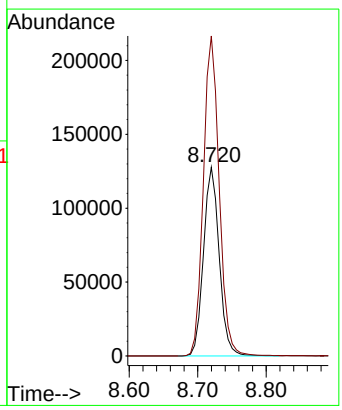


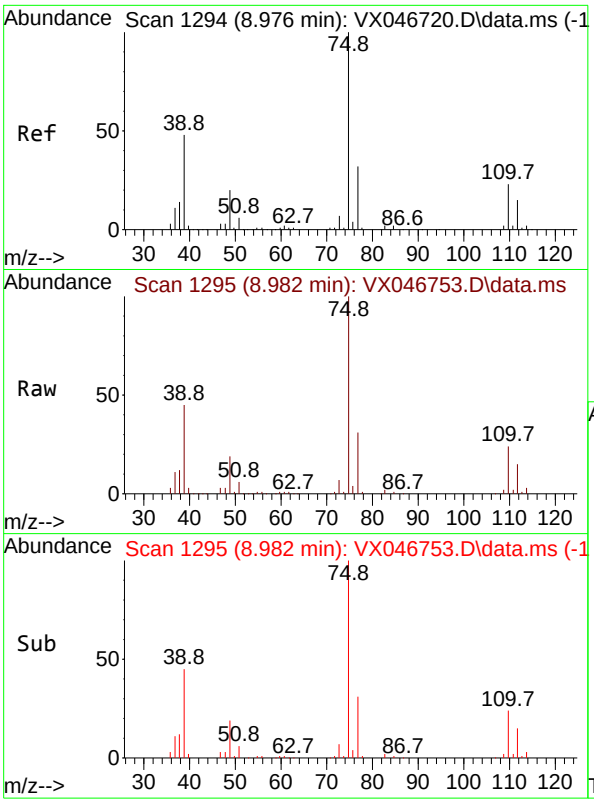


#52
Toluene
Concen: 48.249 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 92 Resp: 203758

Ion	Ratio	Lower	Upper
92	100		
91	170.9	134.8	202.2

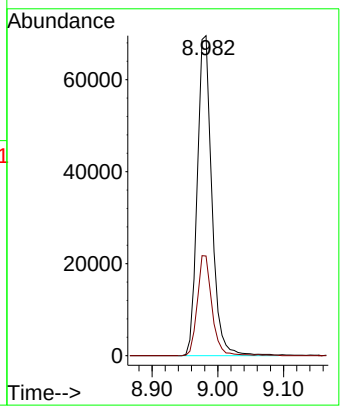




#53
t-1,3-Dichloropropene
Concen: 46.544 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 75 Resp: 10692

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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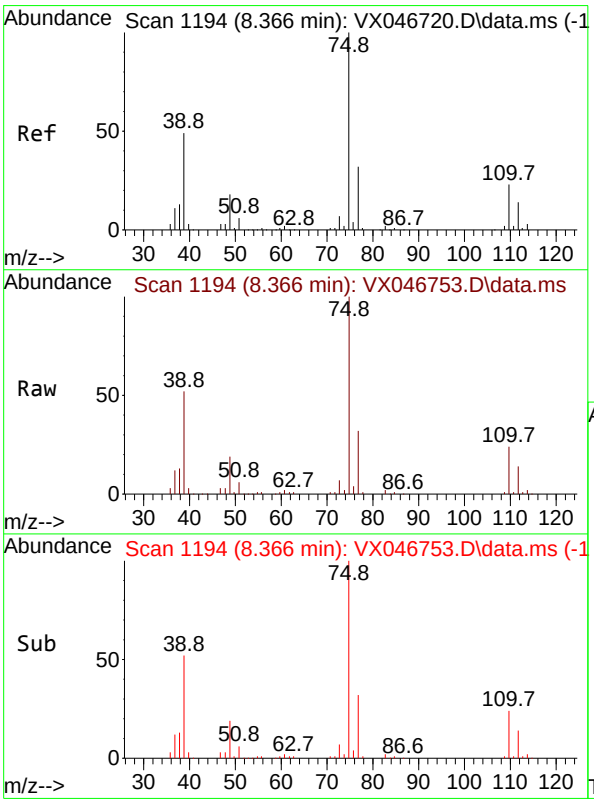
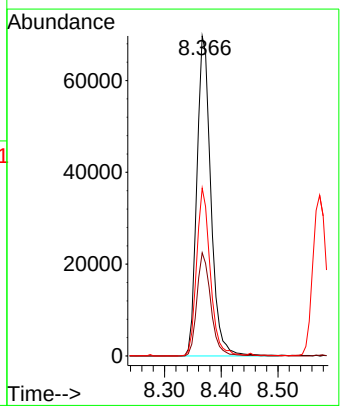
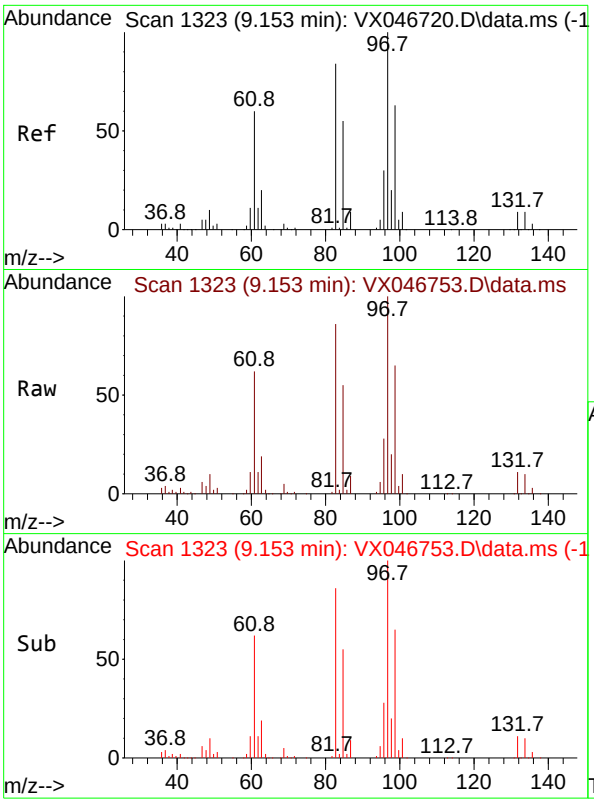


#54
cis-1,3-Dichloropropene
Concen: 45.847 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 75 Resp: 119567

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.3	37.9
39	51.8	39.2	58.8

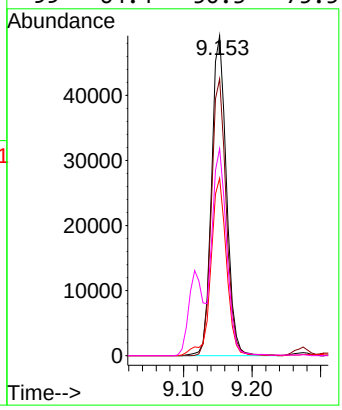




#55
1,1,2-Trichloroethane
Concen: 47.065 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 97 Resp: 7406

Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.2	100.8
85	55.4	44.1	66.1
99	64.4	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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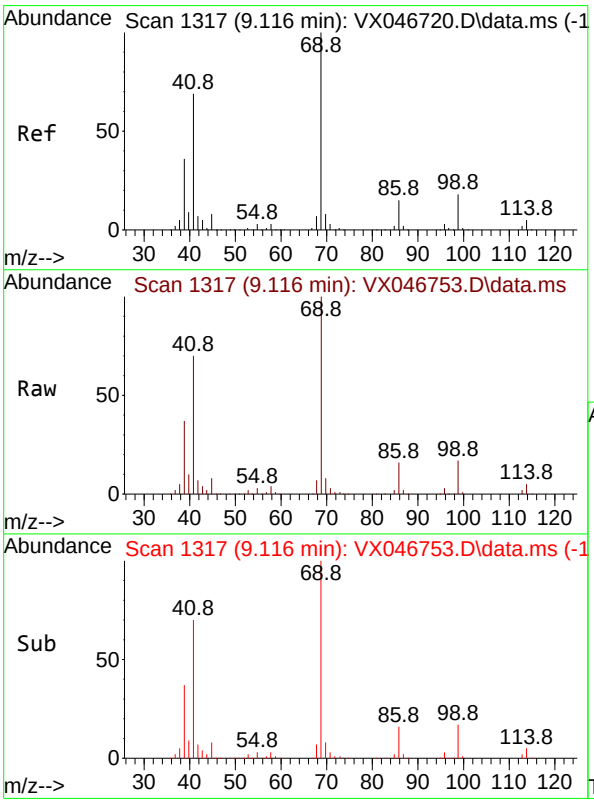
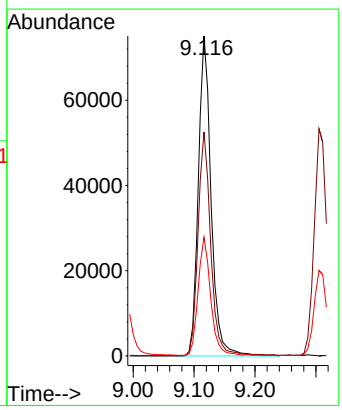
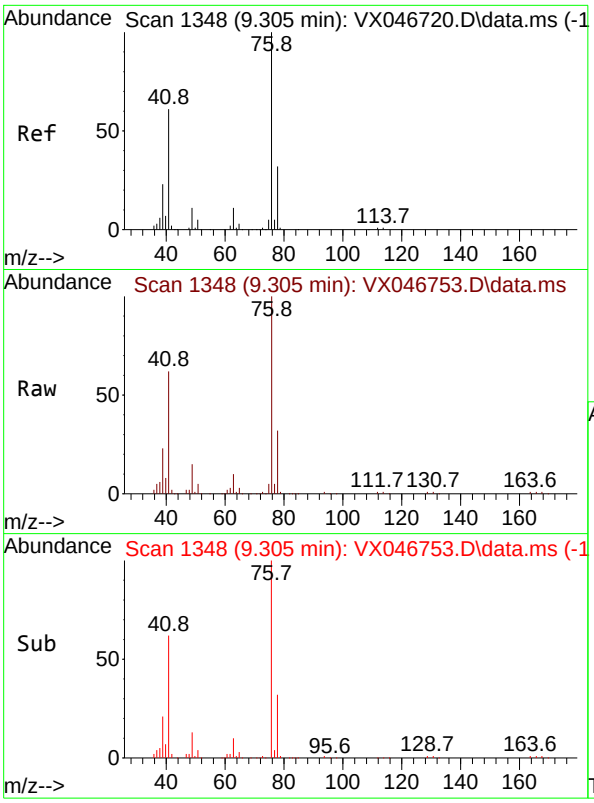


#56
Ethyl methacrylate
Concen: 47.221 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 69 Resp: 109702

Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	36.1	29.7	44.5





#57
1,3-Dichloropropane
Concen: 47.775 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 76 Resp: 12947

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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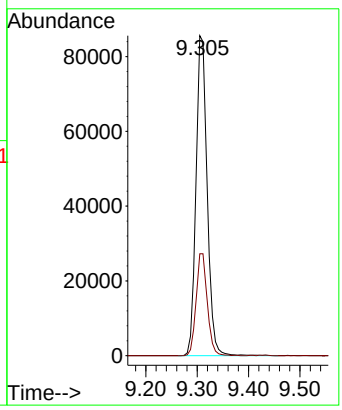
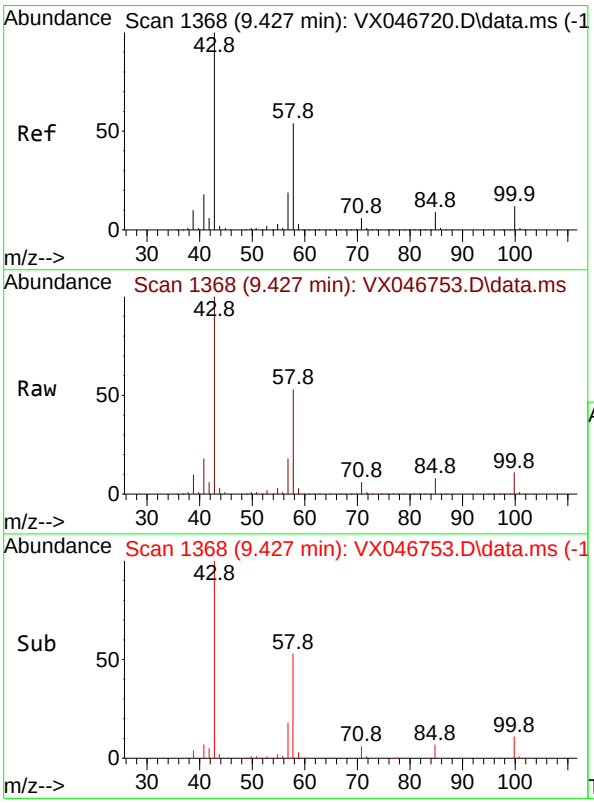
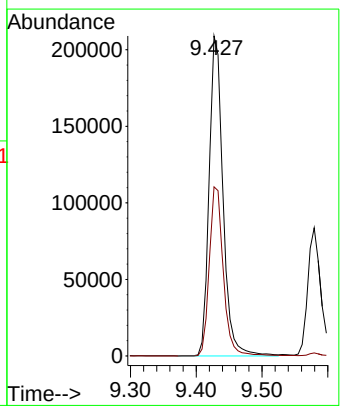


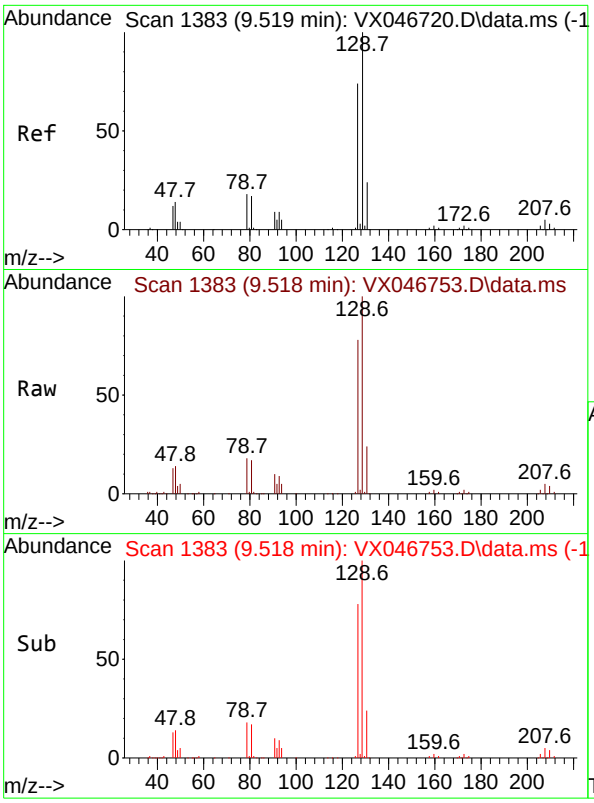


#59
2-Hexanone
Concen: 224.056 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 43 Resp: 307148

Ion	Ratio	Lower	Upper
43	100		
58	53.5	26.8	80.4

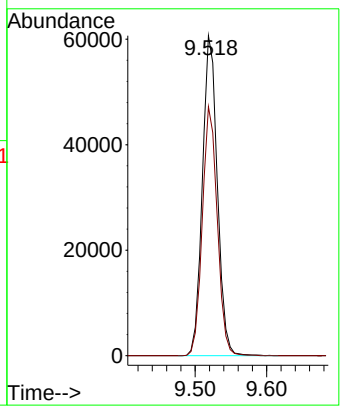




#60
Dibromochloromethane
Concen: 47.473 ug/l
RT: 9.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:129 Resp: 8804

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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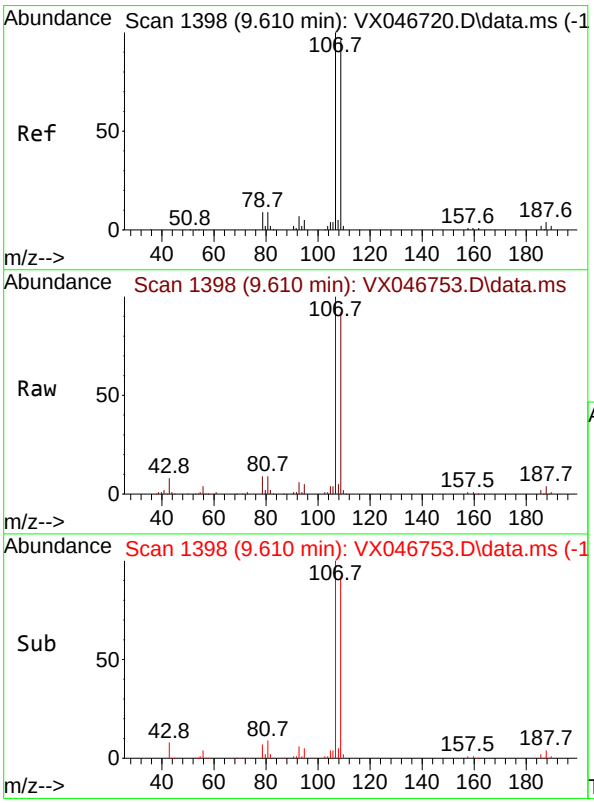
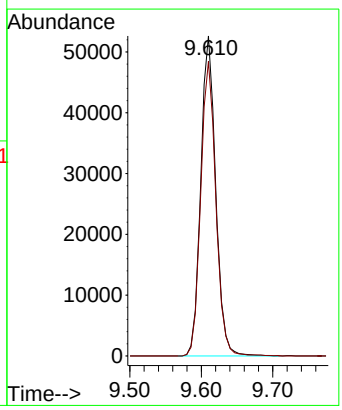
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

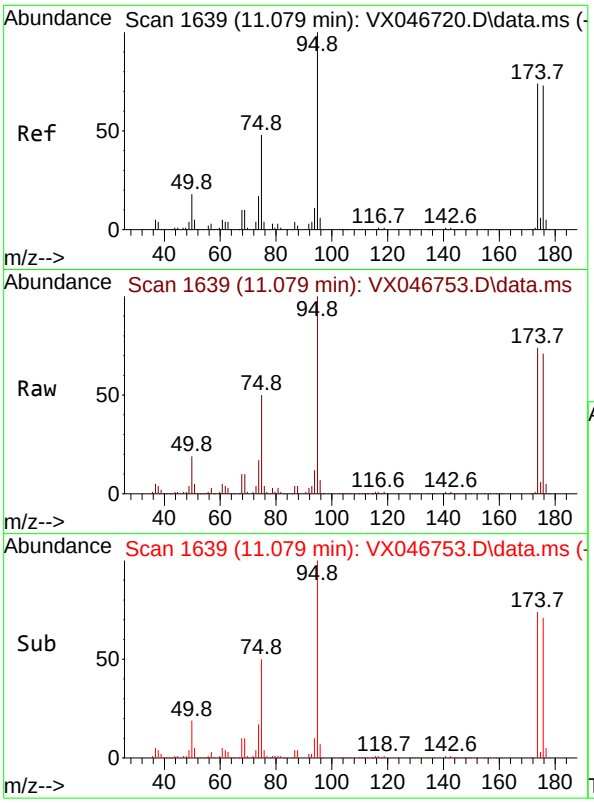


#61
1,2-Dibromoethane
Concen: 47.618 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:107 Resp: 76228

Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.8	113.6

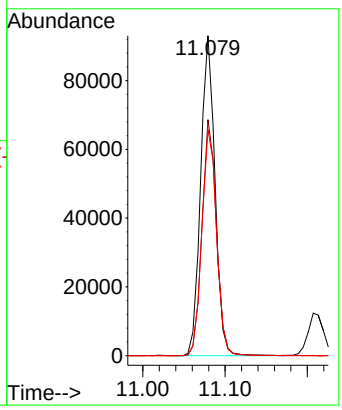




#62
4-Bromofluorobenzene
Concen: 52.679 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 95 Resp: 11249

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	150.4
176	72.8	0.0	145.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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Reviewed By :John Carlone 06/19/2025
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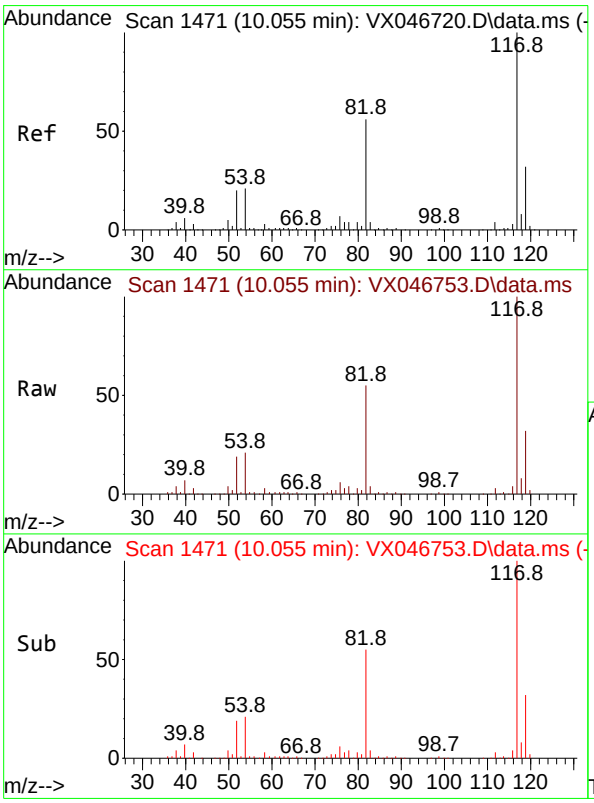
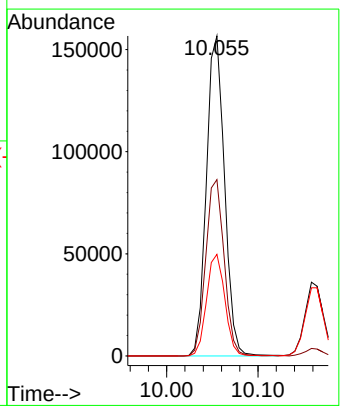
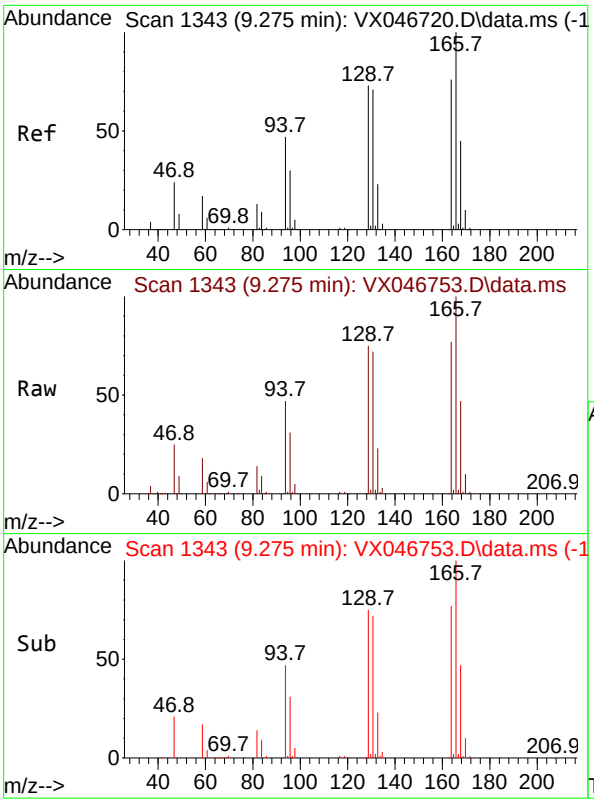


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:117 Resp: 215546

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	66.8
119	31.8	25.8	38.8

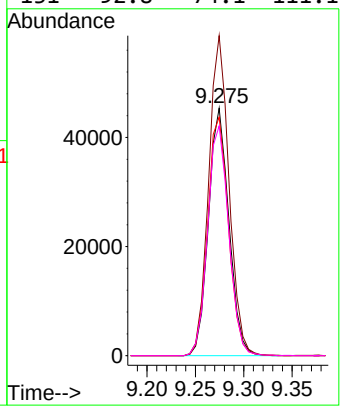




#64
Tetrachloroethene
Concen: 44.627 ug/l
RT: 9.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:164 Resp: 6664

Ion	Ratio	Lower	Upper
164	100		
166	129.3	104.6	157.0
129	96.4	76.3	114.5
131	92.8	74.1	111.1



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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Reviewed By :John Carlone 06/19/2025
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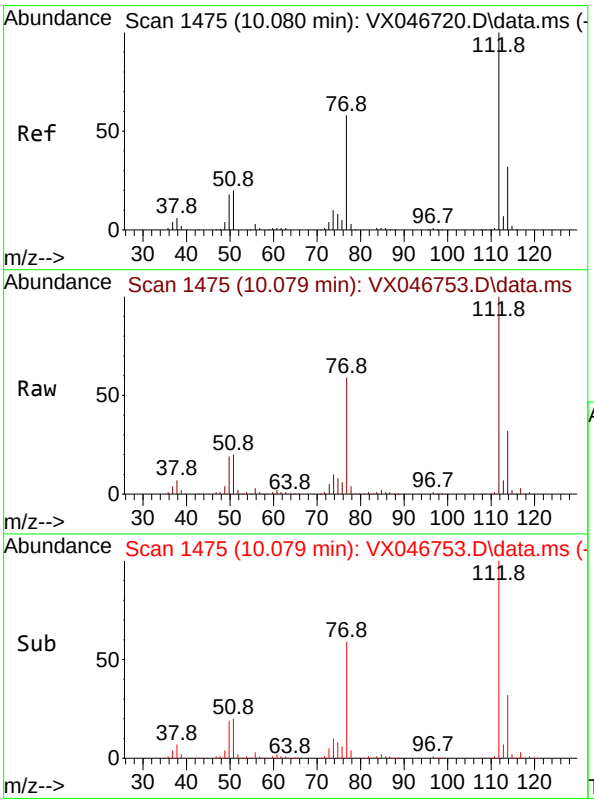
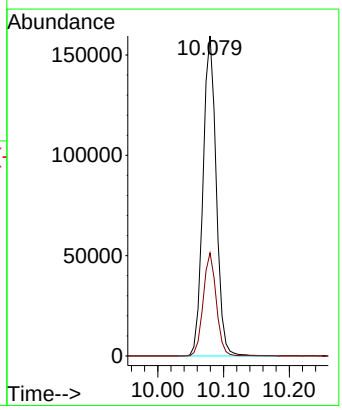
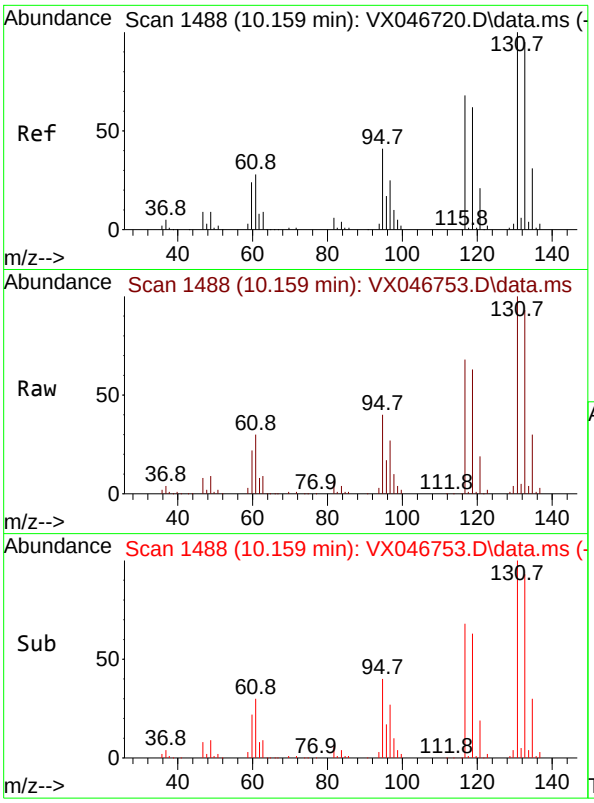


#65
Chlorobenzene
Concen: 46.808 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:112 Resp: 222717

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.5	38.3





#66
1,1,1,2-Tetrachloroethane
Concen: 46.814 ug/l
RT: 10.159 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:131 Resp: 7486

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	141.8
119	64.0	32.1	96.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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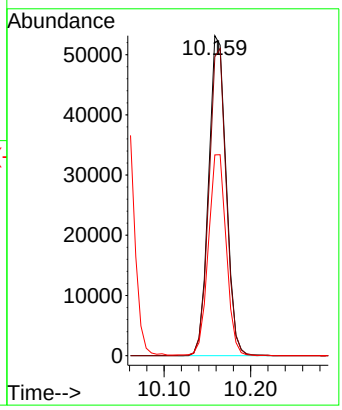
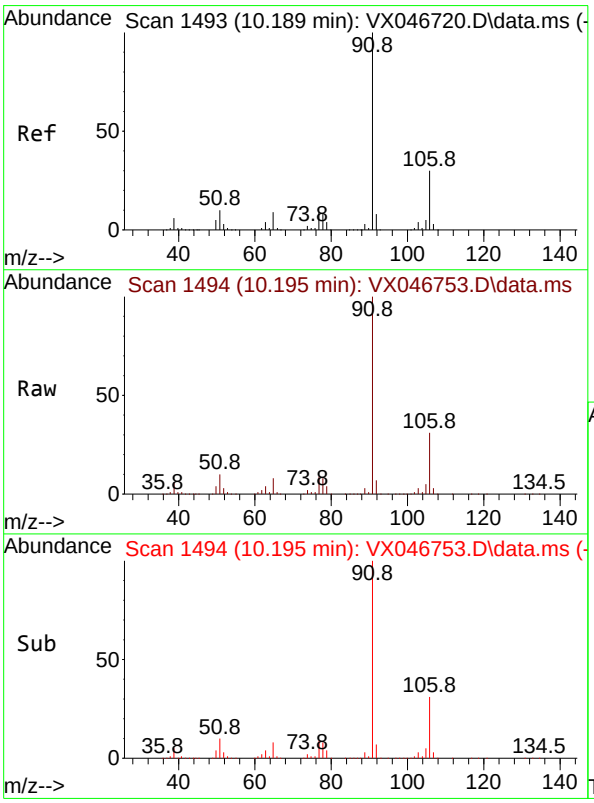
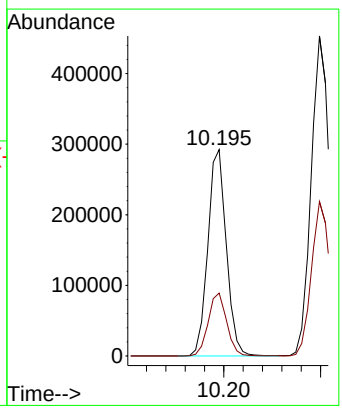


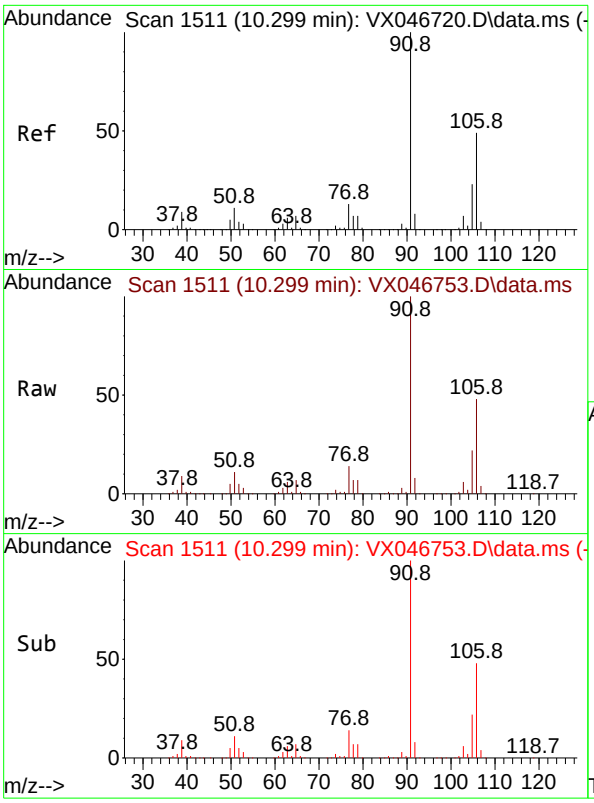


#67
Ethyl Benzene
Concen: 46.592 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 91 Resp: 387344

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.2





#68
m/p-Xylenes
Concen: 94.996 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:106 Resp: 29427

Ion	Ratio	Lower	Upper
106	100		
91	207.1	164.8	247.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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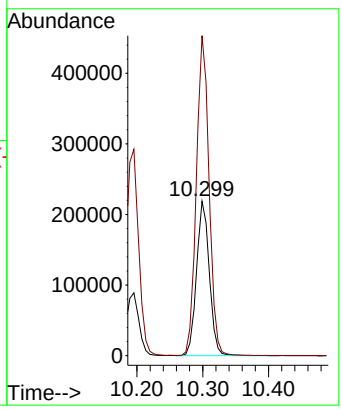
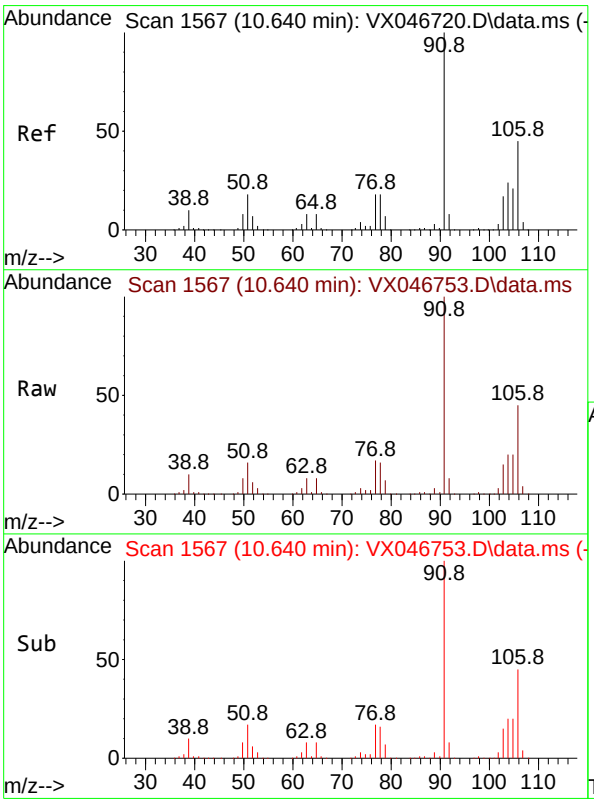
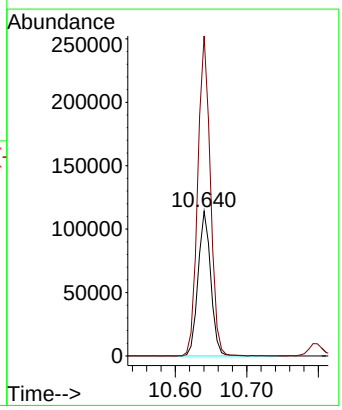


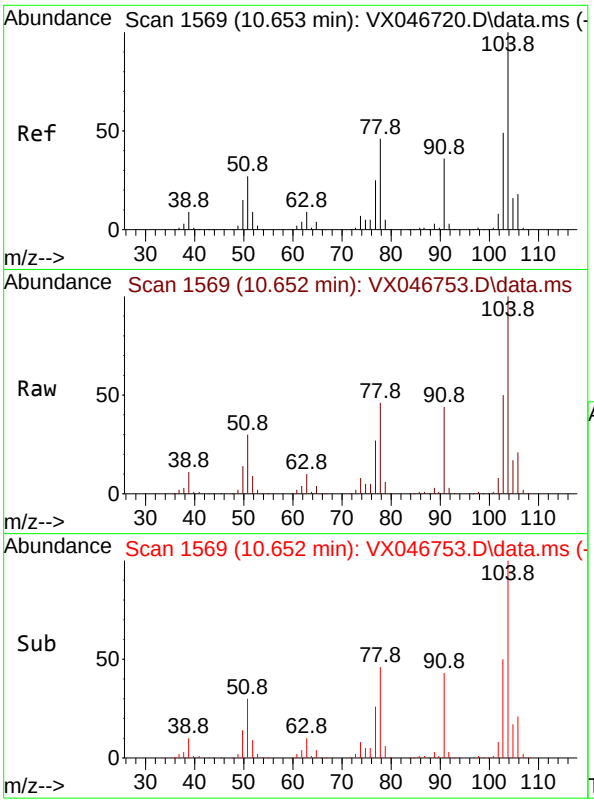


#69
o-Xylene
Concen: 48.237 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:106 Resp: 140037

Ion	Ratio	Lower	Upper
106	100		
91	219.8	111.3	333.9

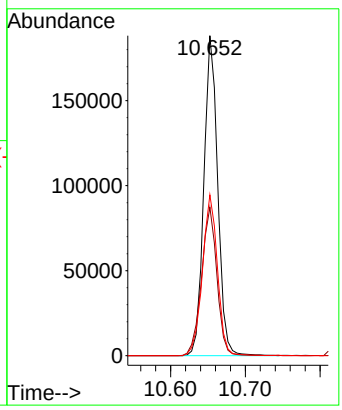




#70
Styrene
Concen: 47.694 ug/l
RT: 10.652 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:104 Resp: 24231

Ion	Ratio	Lower	Upper
104	100		
78	51.4	41.4	62.2
103	54.5	43.1	64.7



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
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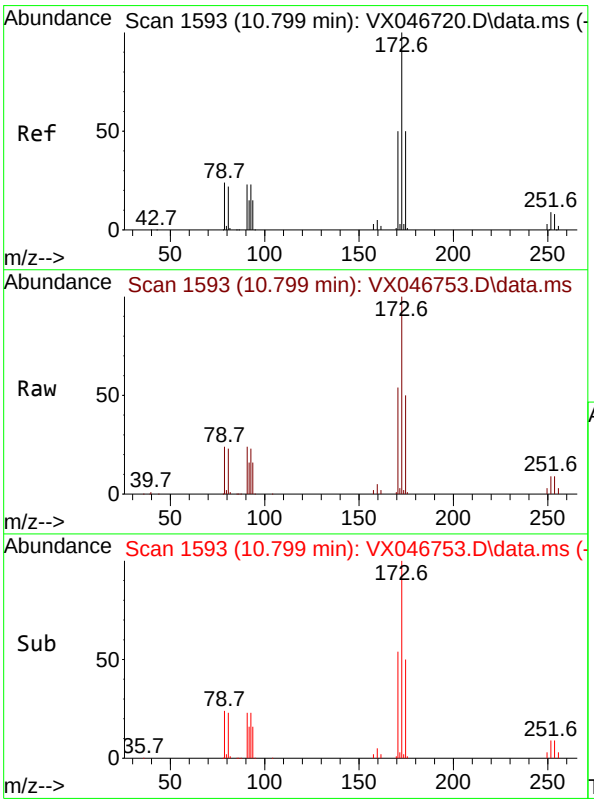
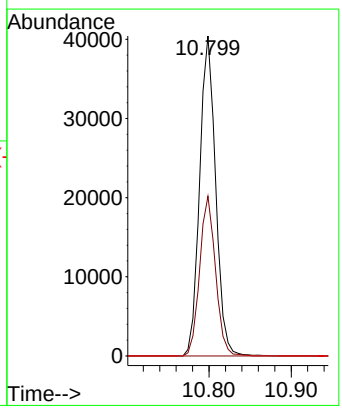
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

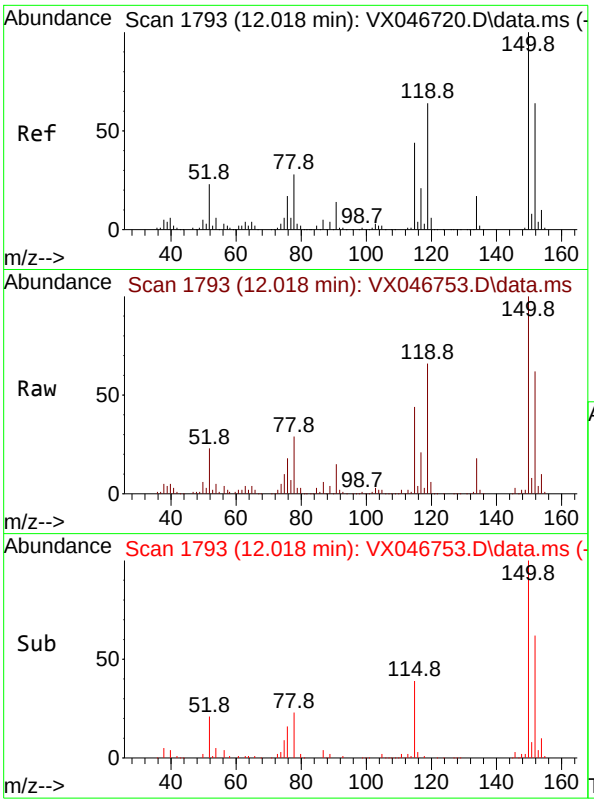


#71
Bromoform
Concen: 44.776 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:173 Resp: 54530

Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.1	72.4
254	0.0	0.1	0.1#

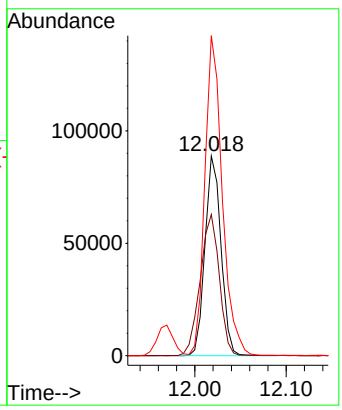




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:152 Resp: 10766

Ion	Ratio	Lower	Upper
152	100		
115	84.6	43.2	129.6
150	174.0	0.0	346.8



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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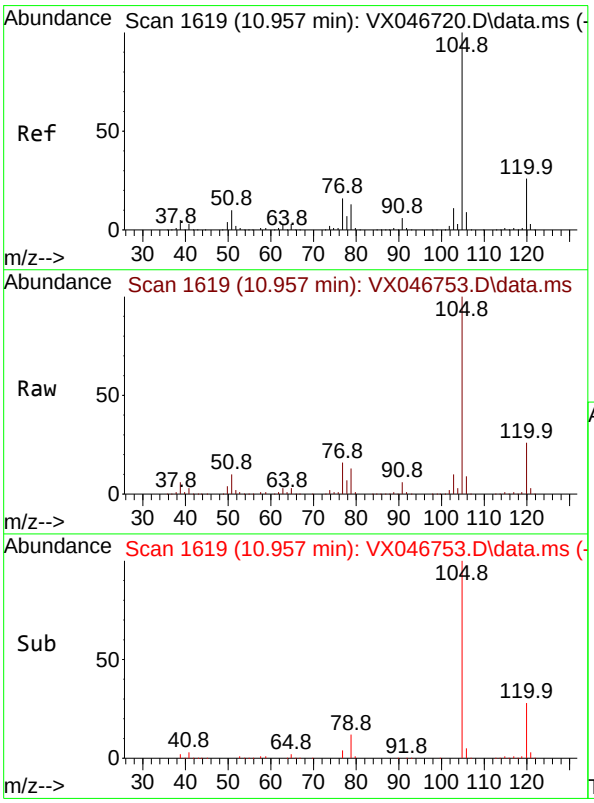
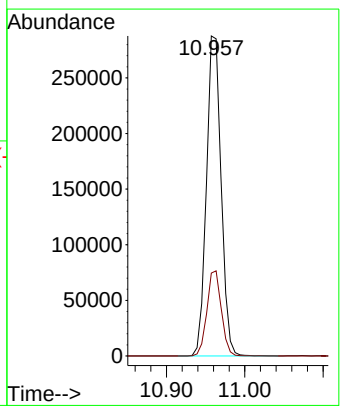
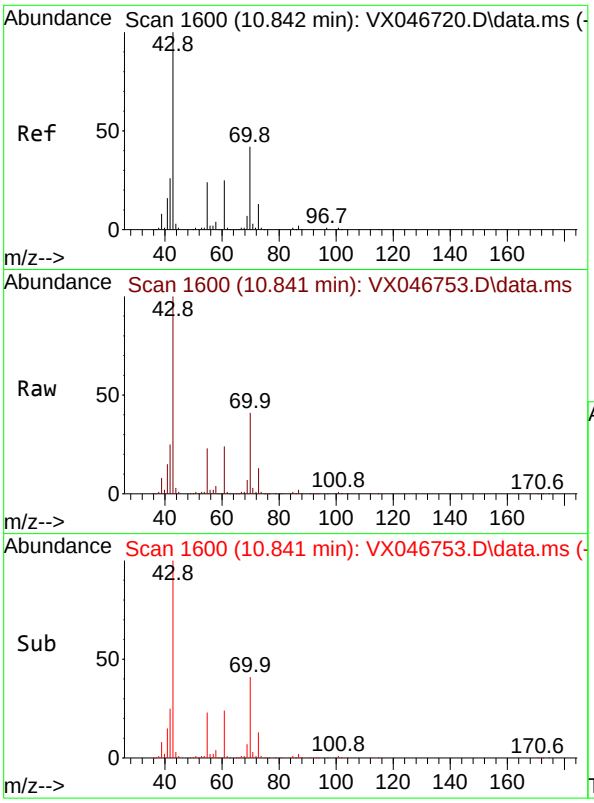


#73
Isopropylbenzene
Concen: 47.134 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:105 Resp: 373743

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	39.0

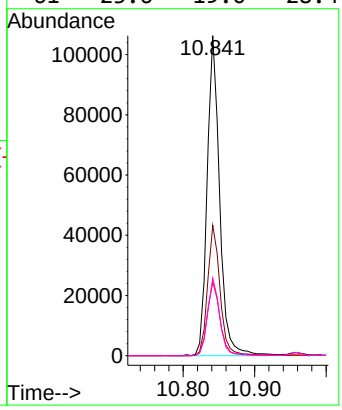




#74
N-amyl acetate
Concen: 43.017 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 43 Resp: 12923

Ion	Ratio	Lower	Upper
43	100		
70	40.8	33.4	50.0
55	23.8	19.1	28.7
61	23.6	19.0	28.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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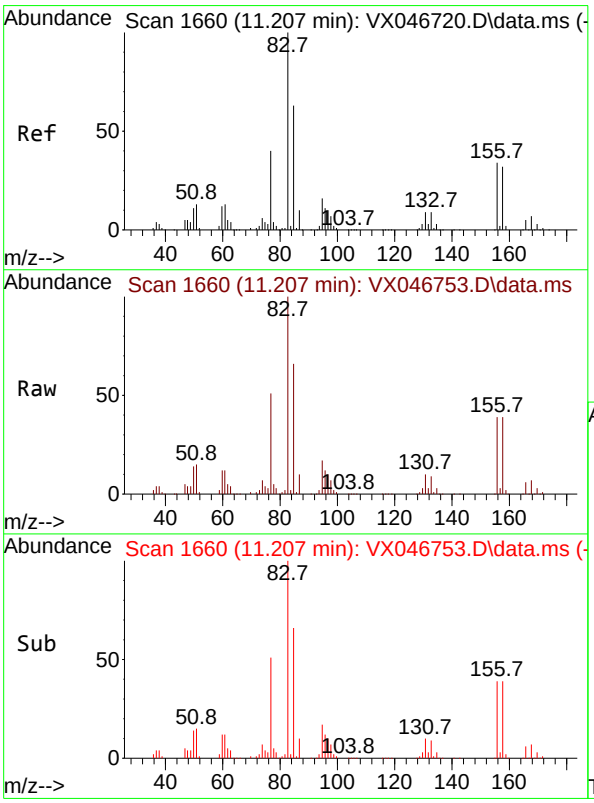
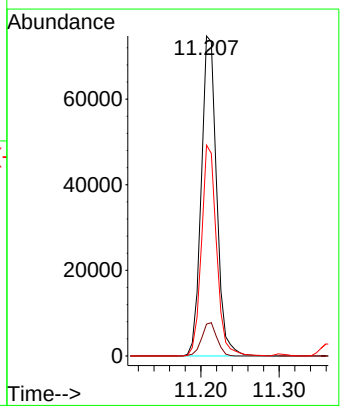
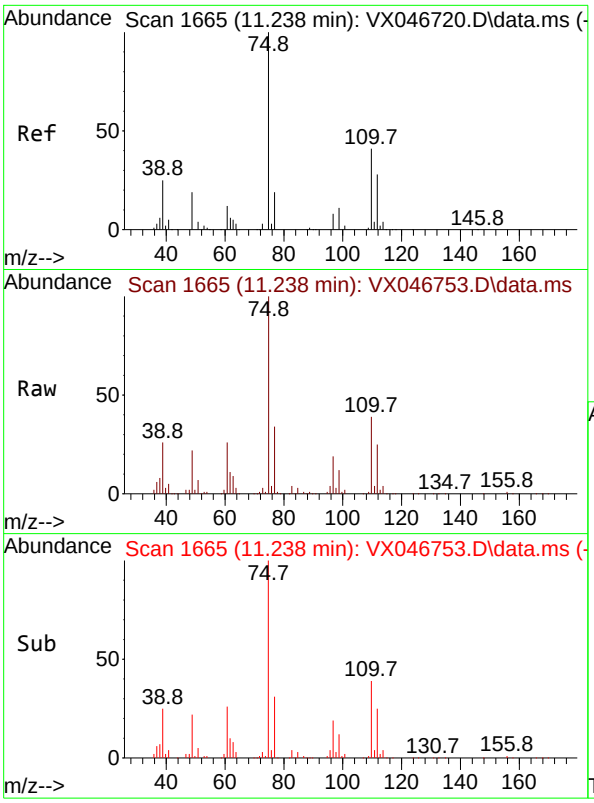


#75
1,1,2,2-Tetrachloroethane
Concen: 45.835 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 83 Resp: 101482

Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.9	14.6
85	64.9	32.0	96.0





#76
1,2,3-Trichloropropane
Concen: 46.974 ug/l m
RT: 11.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 75 Resp: 9262

Ion	Ratio	Lower	Upper
75	100		
77	37.6	18.5	55.5

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
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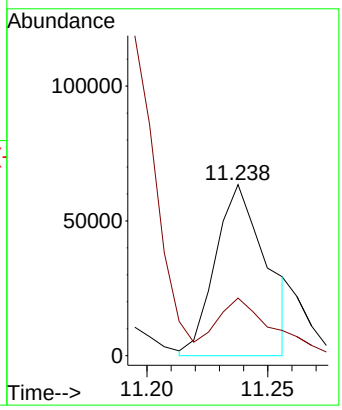
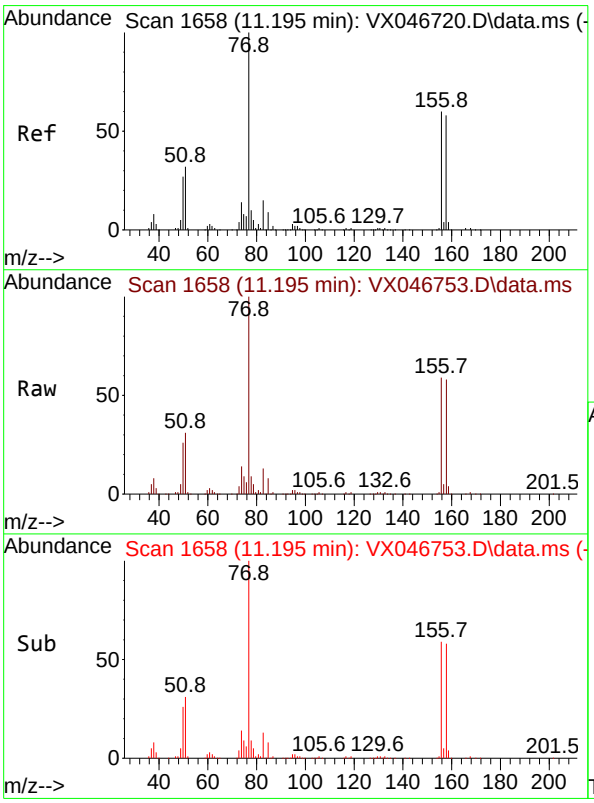
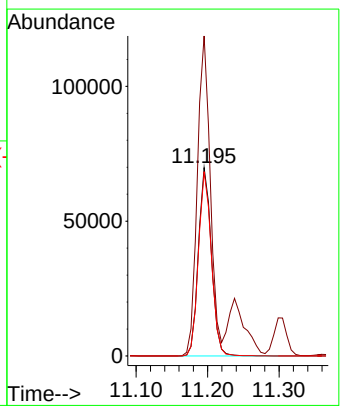


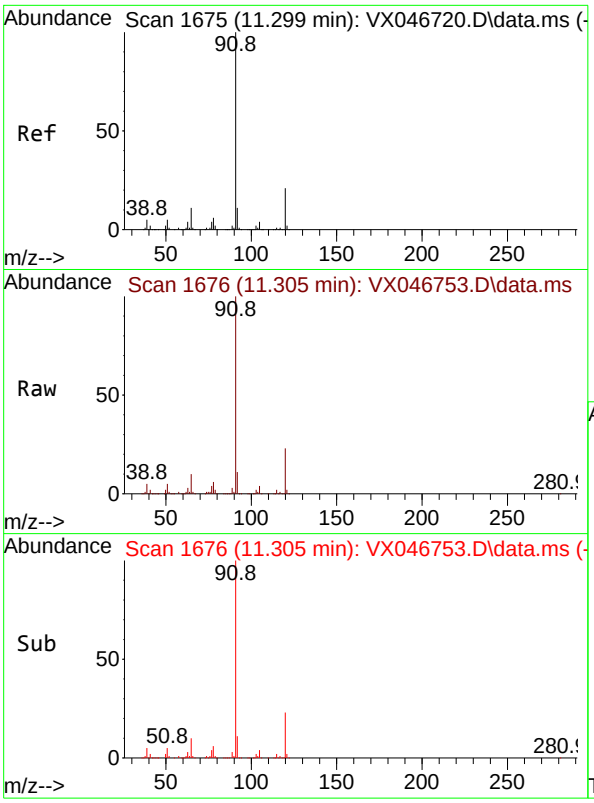


#77
Bromobenzene
Concen: 46.262 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:156 Resp: 88274

Ion	Ratio	Lower	Upper
156	100		
77	169.3	82.8	248.6
158	97.5	47.6	142.9





#78
n-propylbenzene
Concen: 46.845 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 91 Resp: 44119

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
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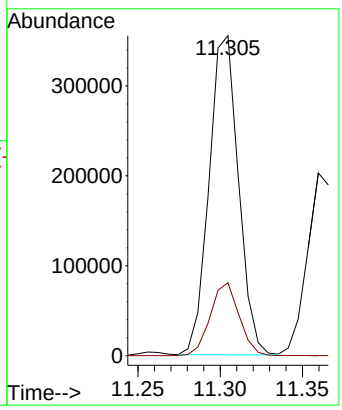
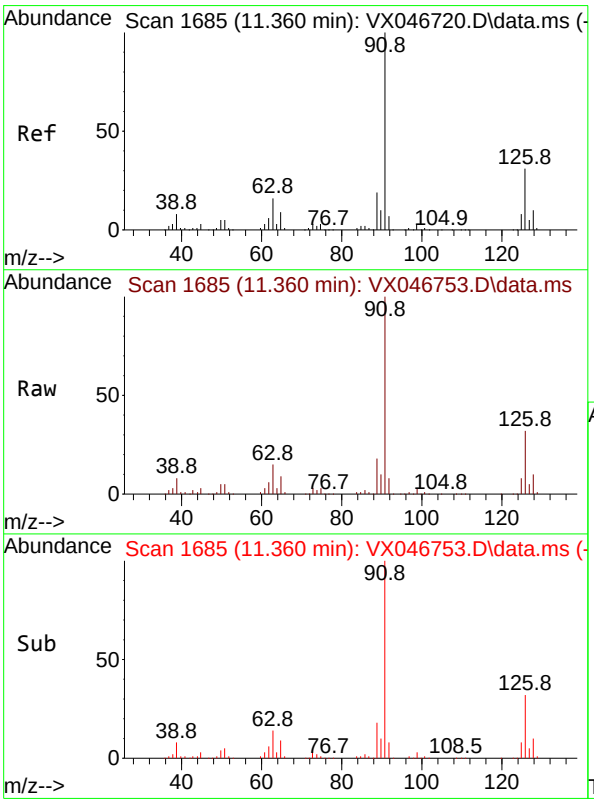
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

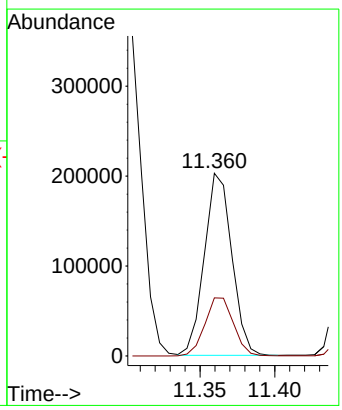


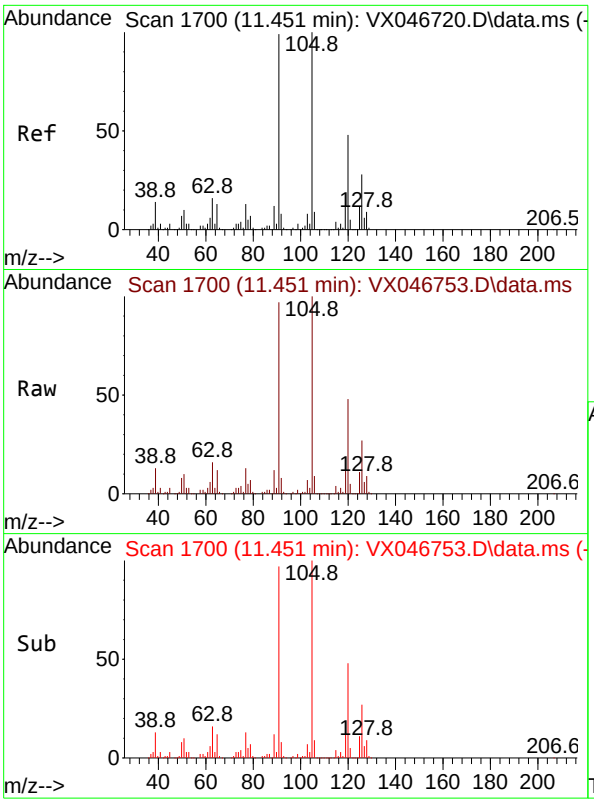


#79
2-Chlorotoluene
Concen: 46.077 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 91 Resp: 259099

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.6	49.7





#80
1,3,5-Trimethylbenzene
Concen: 46.723 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:105 Resp: 30445

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.1	72.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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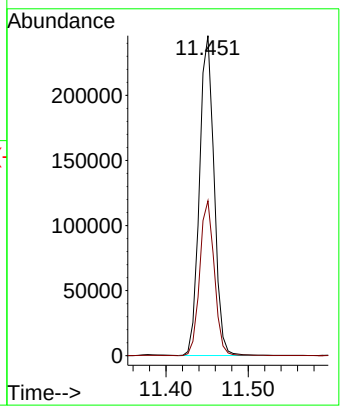
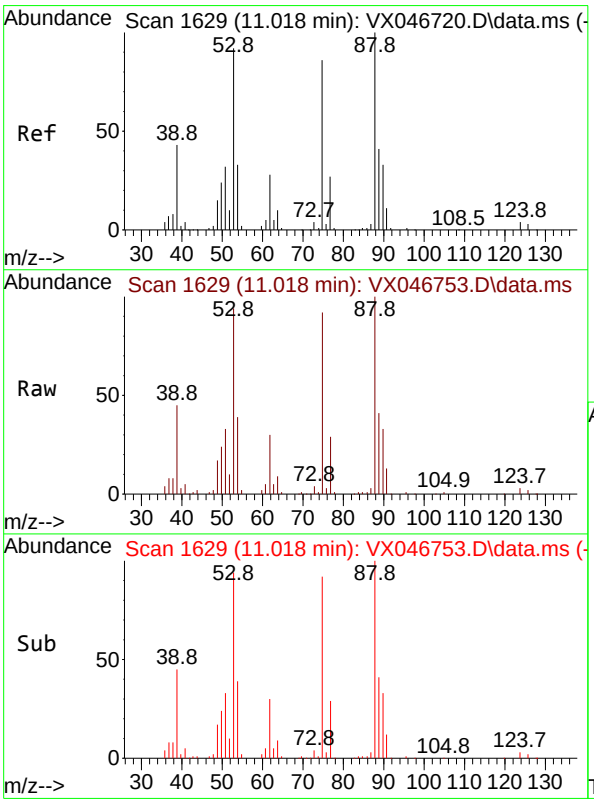
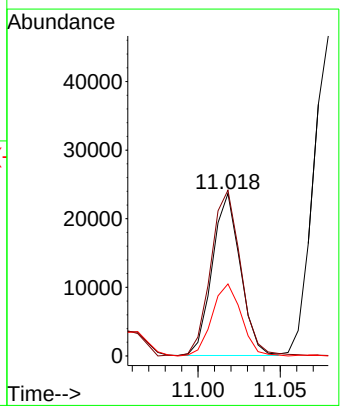


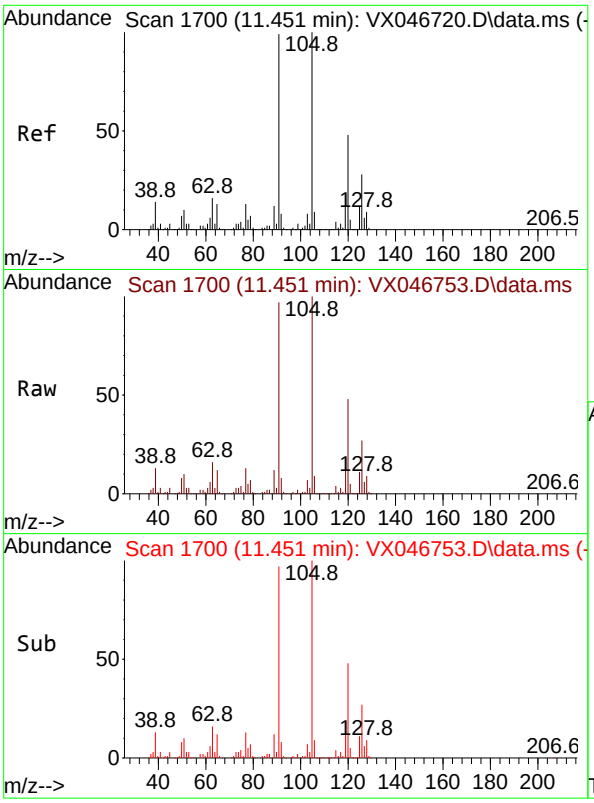


#81
trans-1,4-Dichloro-2-butene
Concen: 40.319 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 75 Resp: 28127

Ion	Ratio	Lower	Upper
75	100		
53	109.0	86.8	130.2
89	46.3	36.9	55.3

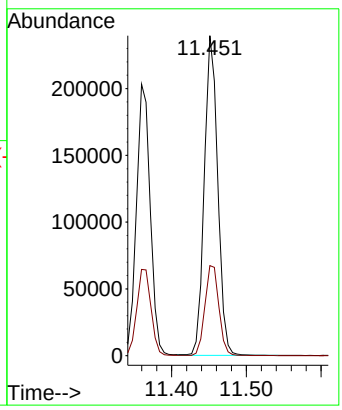




#82
4-Chlorotoluene
Concen: 45.488 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 91 Resp: 29852

Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.4	43.2



Instrument :
MSVOA_X
ClientSampleId :
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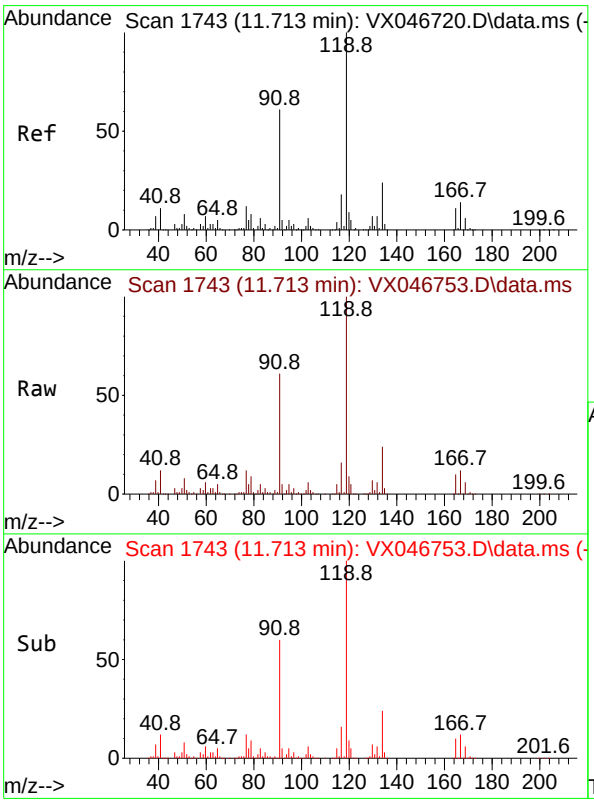
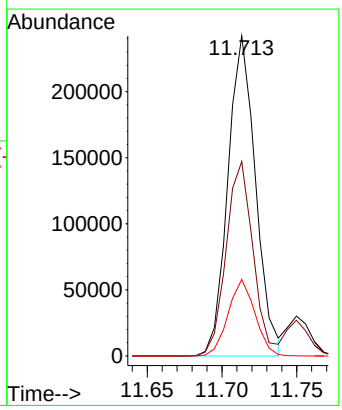
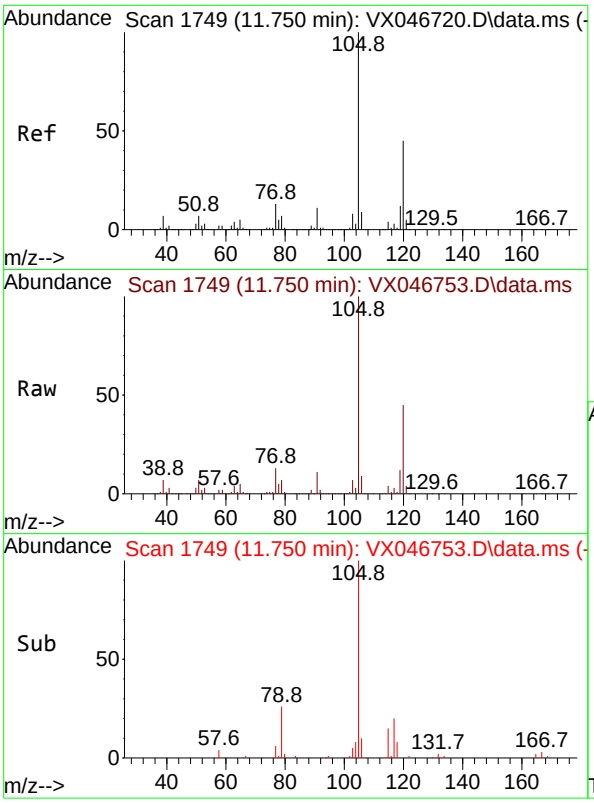


#83
tert-Butylbenzene
Concen: 46.294 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:119 Resp: 311816

Ion	Ratio	Lower	Upper
119	100		
91	59.4	29.5	88.6
134	23.2	11.7	35.0





#84
1,2,4-Trimethylbenzene
Concen: 45.969 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:105 Resp: 30094

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
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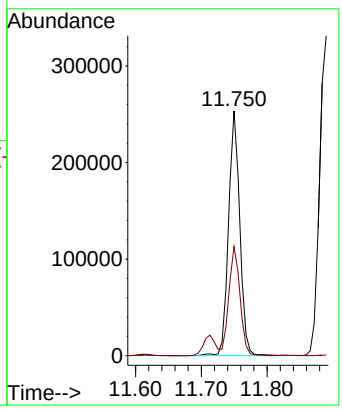
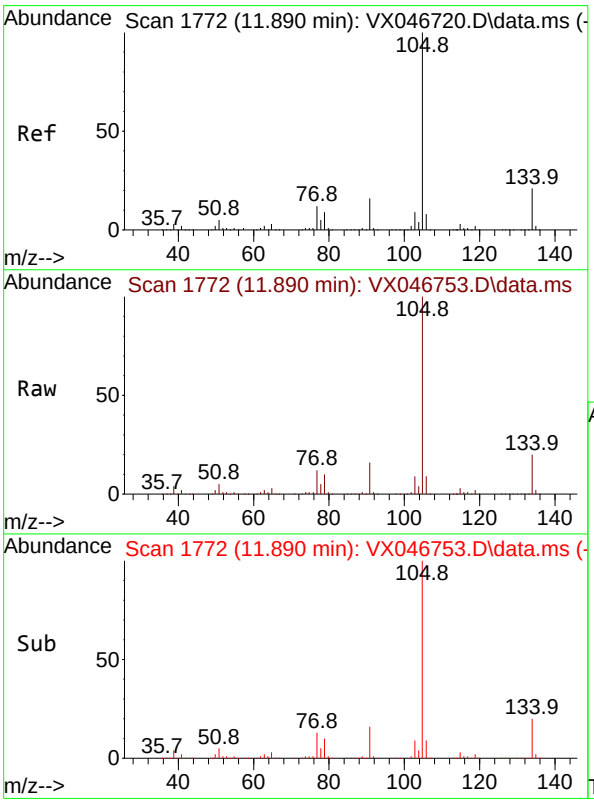
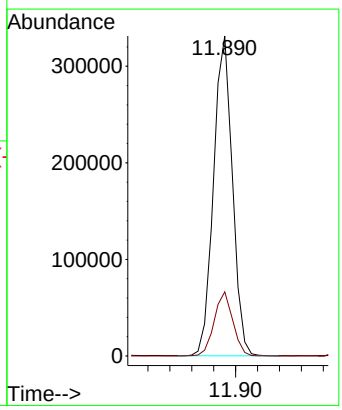


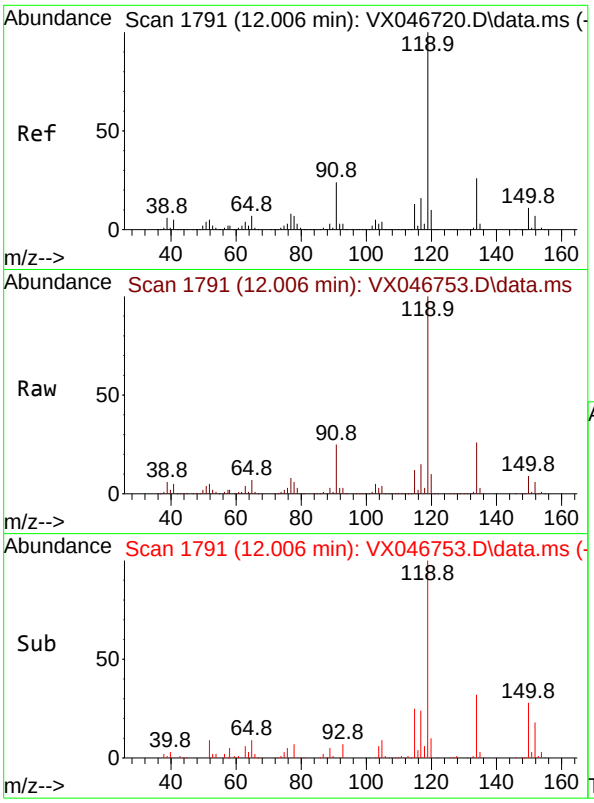


#85
sec-Butylbenzene
Concen: 46.478 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:105 Resp: 395643

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4

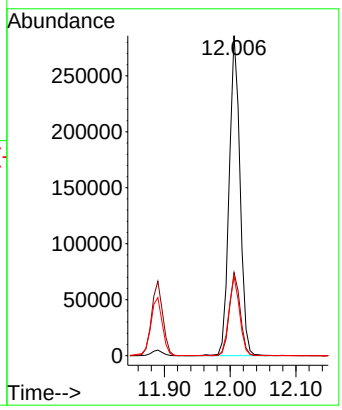




#86
p-Isopropyltoluene
Concen: 45.563 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:119 Resp: 32724

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	24.6	12.3	36.9



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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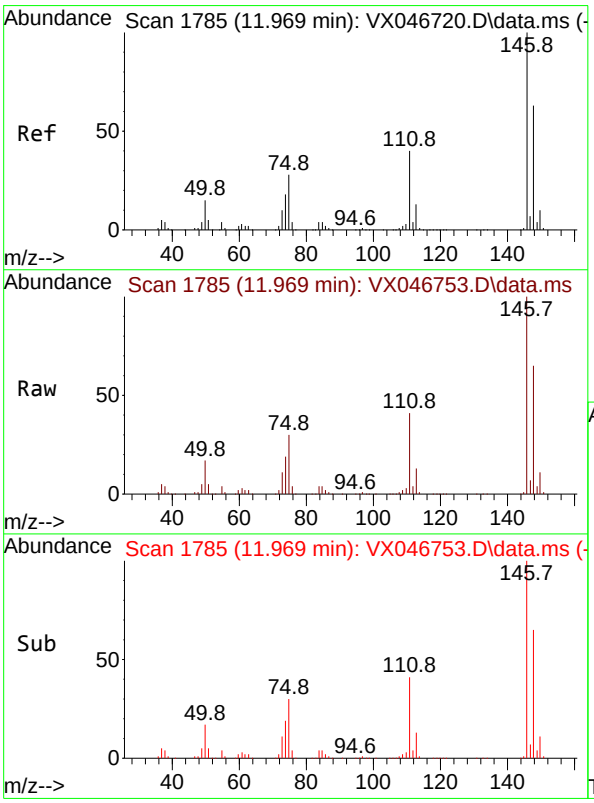
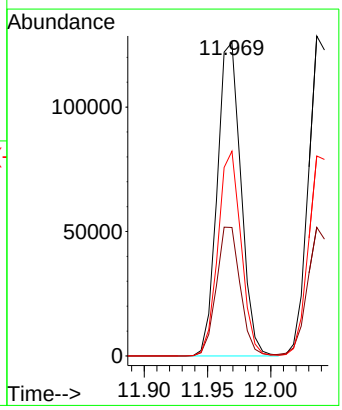
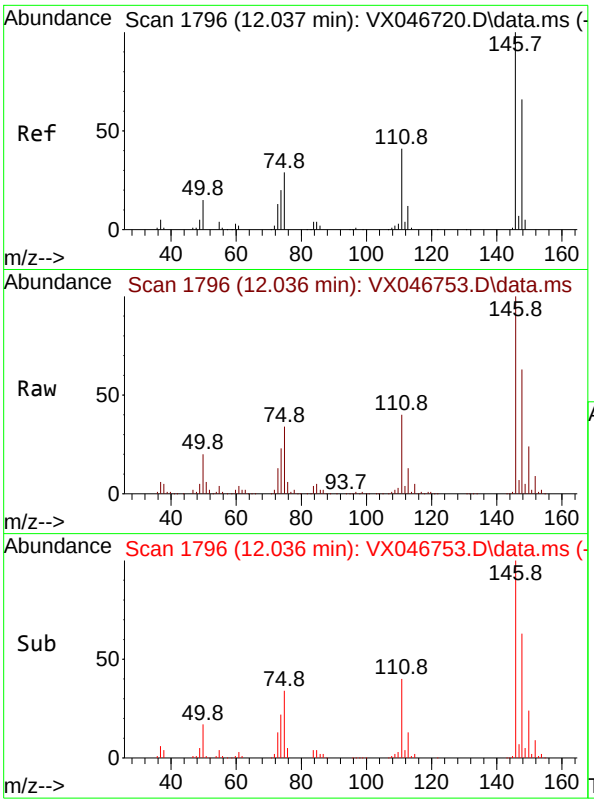


#87
1,3-Dichlorobenzene
Concen: 44.104 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:146 Resp: 164088

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	63.7	31.6	94.8

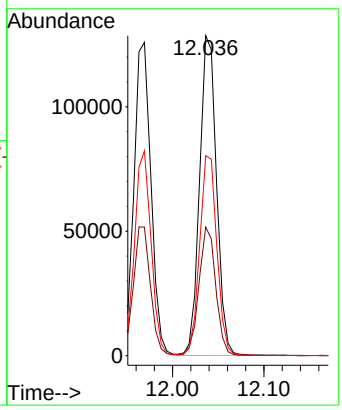




#88
1,4-Dichlorobenzene
Concen: 43.216 ug/l
RT: 12.036 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:146 Resp: 16514

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	61.0
148	63.6	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
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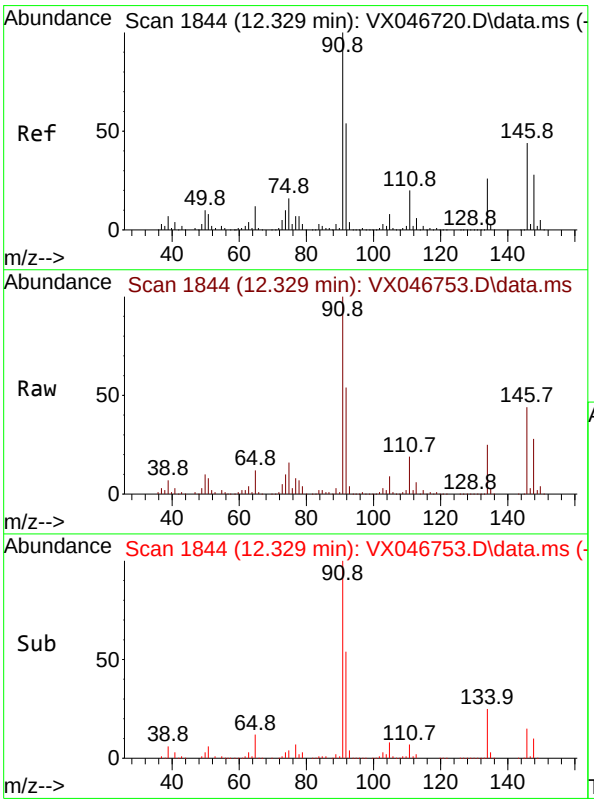
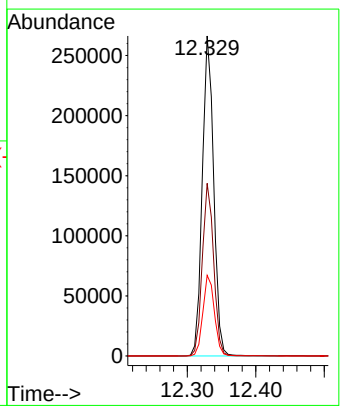
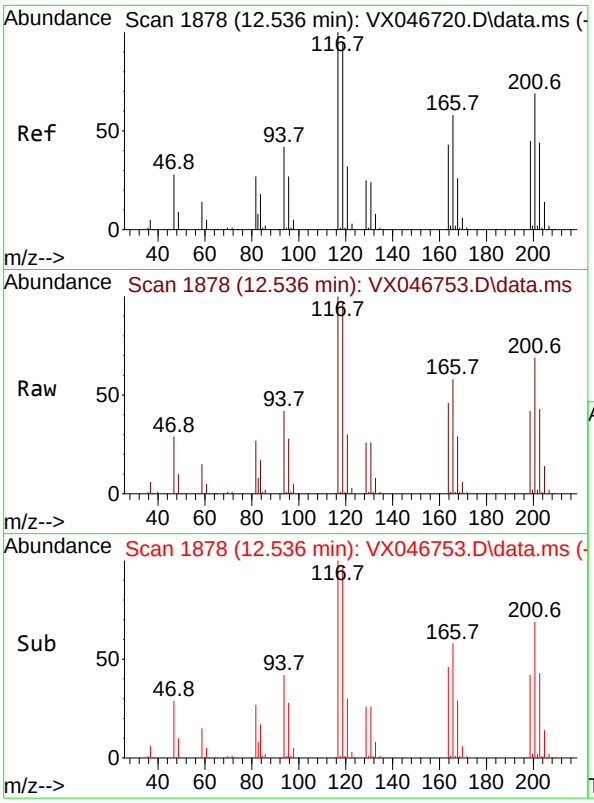


#89
n-Butylbenzene
Concen: 45.200 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 91 Resp: 308237

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.1	81.3
134	25.5	12.9	38.6





#90
Hexachloroethane
Concen: 44.731 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:117 Resp: 5625

Ion	Ratio	Lower	Upper
117	100		
201	70.1	34.4	103.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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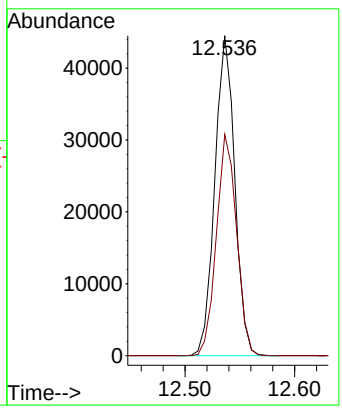
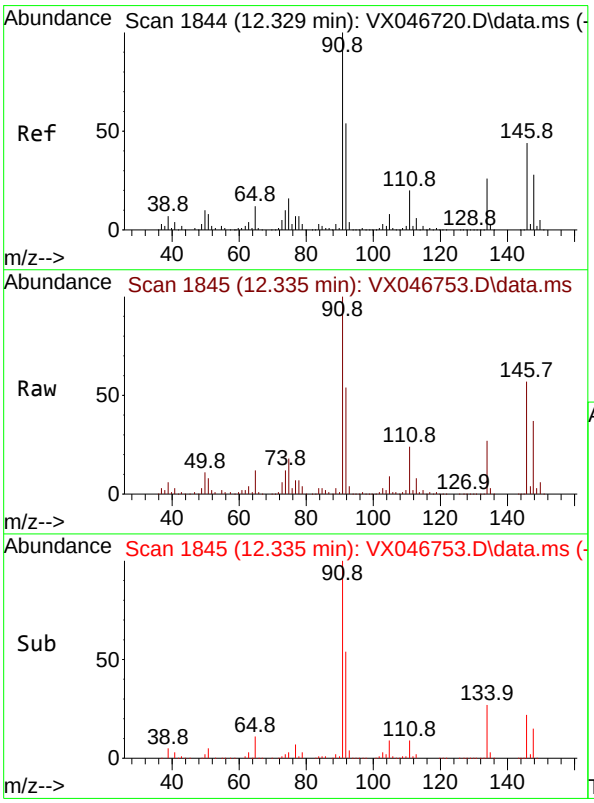
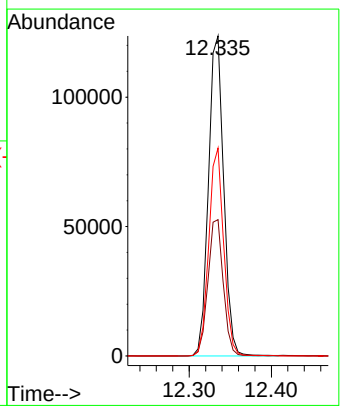


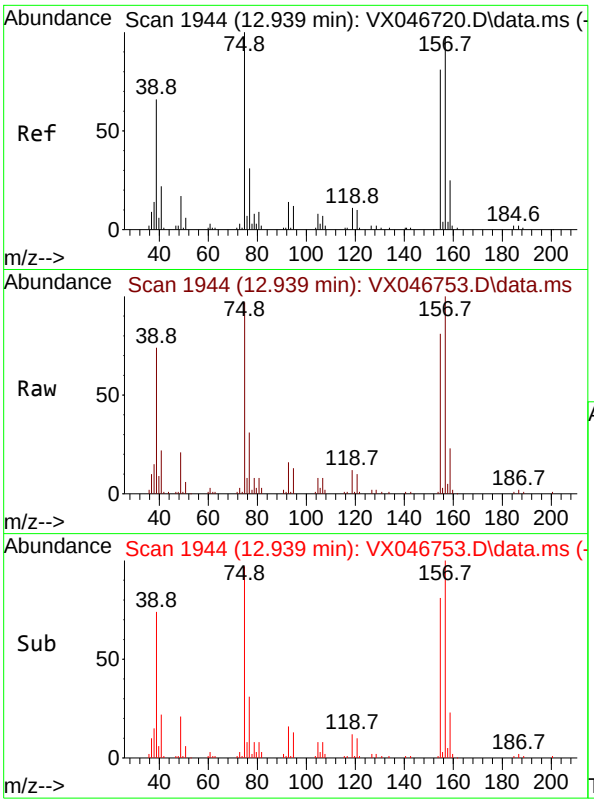


#91
1,2-Dichlorobenzene
Concen: 45.747 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:146 Resp: 159052

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.7	65.1
148	63.6	32.0	96.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 42.584 ug/l
RT: 12.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 75 Resp: 1861

Ion	Ratio	Lower	Upper
75	100		
155	83.4	41.9	125.7
157	105.8	51.4	154.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
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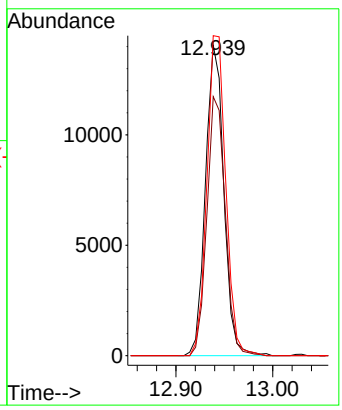
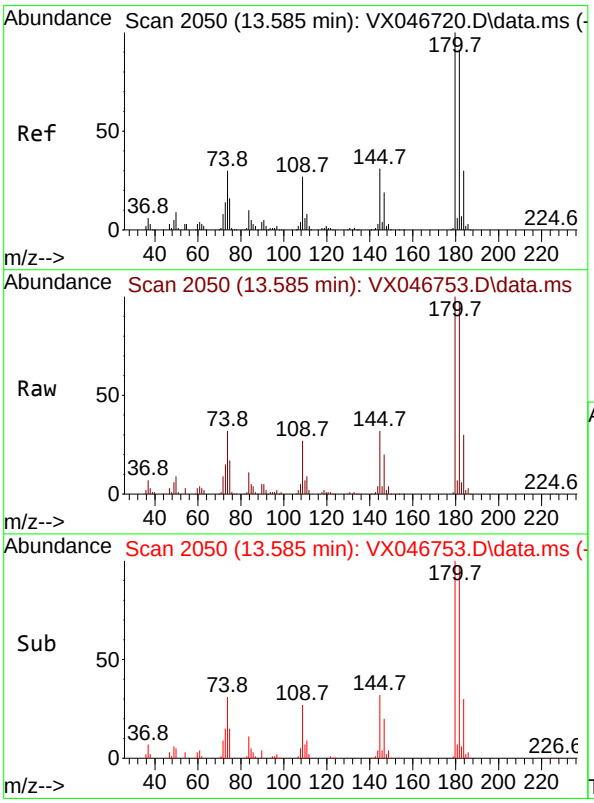
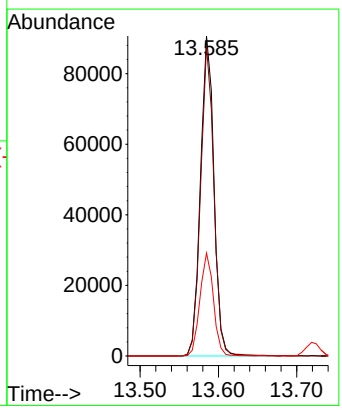


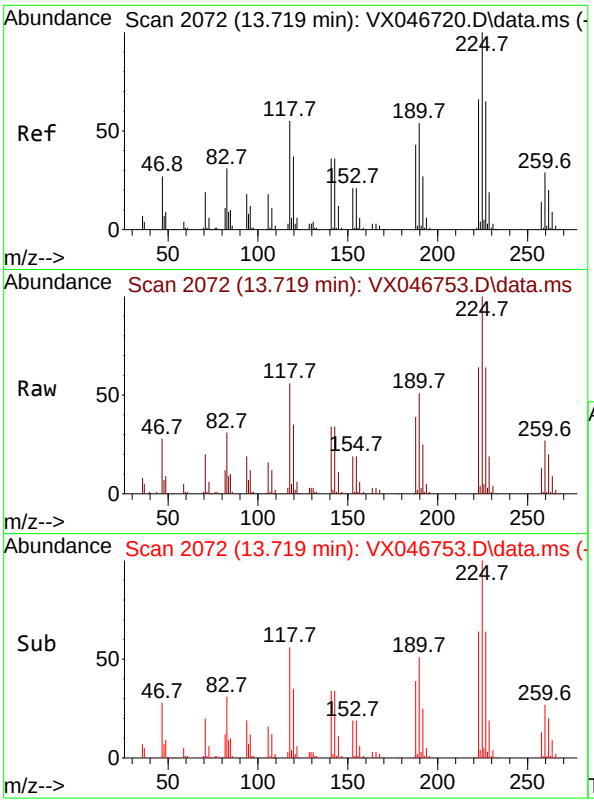


#93
1,2,4-Trichlorobenzene
Concen: 43.840 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:180 Resp: 108363

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.7	140.1
145	32.1	15.8	47.4

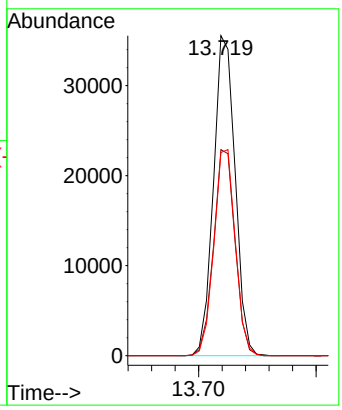




#94
Hexachlorobutadiene
Concen: 43.717 ug/l
RT: 13.719 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:225 Resp: 4545

Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.5	97.5
227	63.7	32.2	96.6



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

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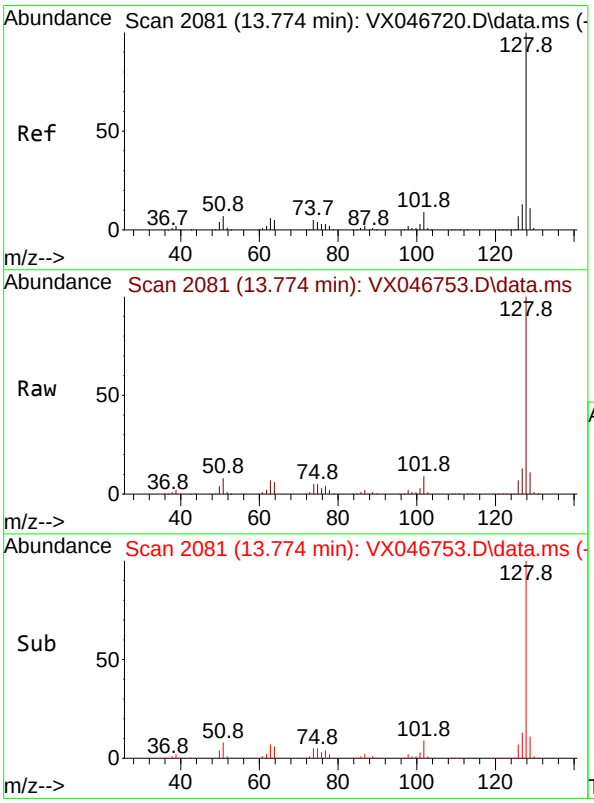
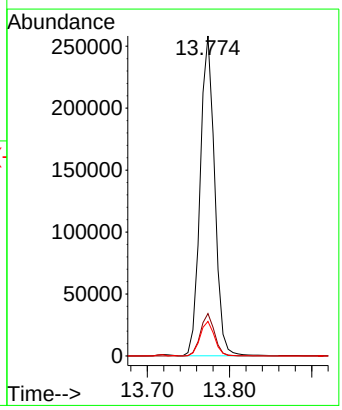
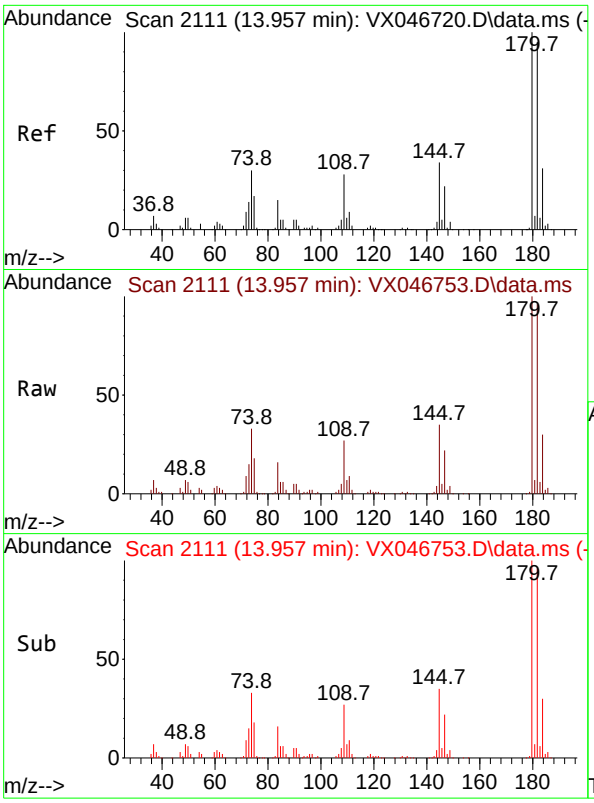


#95
Naphthalene
Concen: 44.859 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:128 Resp: 315902

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.9	8.7	13.1

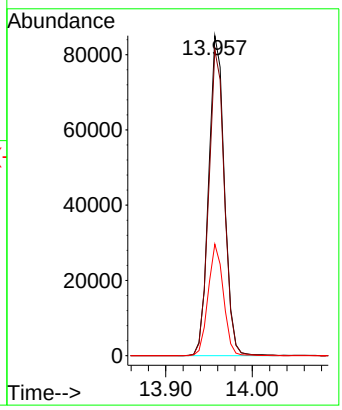




#96
1,2,3-Trichlorobenzene
Concen: 45.185 ug/l
RT: 13.957 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:180 Resp: 10684

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.4
145	34.1	17.3	51.9



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

Raw Data: **VX046754.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:	06/16/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-5-20250616MSD	SDG No.:	Q2345
Lab Sample ID:	Q2345-09MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046754.D	1		06/18/25 19:19	VX061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	49.2		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	48.3		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	49.5		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	54.5		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	50.6		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	47.9		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	47.4		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	49.4		0.23	0.75	1.00	ug/L
67-64-1	Acetone	210		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	45.7		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	46.8		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	43.1		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	46.5		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	47.6		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	48.6		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	47.2		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	230		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	47.0		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	48.7		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	49.8		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	48.6		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	46.2		0.16	0.50	1.00	ug/L
71-43-2	Benzene	48.6		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	47.7		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	48.0		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	49.2		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	48.8		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	230		0.68	2.50	5.00	ug/L
108-88-3	Toluene	48.8		0.14	0.50	1.00	ug/L

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Report of Analysis

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Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	06/17/25
Client Sample ID:	BPOW6-5-20250616MSD	SDG No.:	Q2345
Lab Sample ID:	Q2345-09MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046754.D	1		06/18/25 19:19	VX061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	48.3		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	48.0		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	48.6		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	230		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	48.3		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	48.5		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	44.7		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	46.8		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	47.1		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	95.0		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	49.3		0.12	0.50	1.00	ug/L
100-42-5	Styrene	48.6		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	45.9		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	48.1		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	47.1		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	44.9		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.9		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	46.9		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	44.3		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.4		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	46.7		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.2		81 - 118		100%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		80 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	51.4		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		85 - 114		105%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	136000	5.562				
540-36-3	1,4-Difluorobenzene	229000	6.769				
3114-55-4	Chlorobenzene-d5	208000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	103000	12.018				

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File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046754.D	1		06/18/25 19:19	VX061825

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: **VX046754.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046754.D
Acq On : 18 Jun 2025 19:19
Operator : JC/MD
Sample : Q2345-09MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 19 01:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	136146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94570	50.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.440%			
35) Dibromofluoromethane	5.397	113	77727	51.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	8.653	98	279885	51.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.079	95	106632	52.509	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	71499	49.190	ug/l	100
3) Chloromethane	1.307	50	75717	48.261	ug/l	99
4) Vinyl Chloride	1.386	62	82735	49.452	ug/l	96
5) Bromomethane	1.624	94	51332	54.534	ug/l	98
6) Chloroethane	1.703	64	51273	50.564	ug/l	97
7) Trichlorofluoromethane	1.904	101	121673	47.896	ug/l	98
8) Diethyl Ether	2.148	74	43167	49.514	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	73891	47.413	ug/l	99
10) Methyl Iodide	2.471	142	91117	46.992	ug/l	100
11) Tert butyl alcohol	2.959	59	31958	189.076	ug/l	99
12) 1,1-Dichloroethene	2.337	96	74340	49.435	ug/l	98
13) Acrolein	2.246	56	49290	200.209	ug/l	99
14) Allyl chloride	2.678	41	129854	47.659	ug/l	99
15) Acrylonitrile	3.075	53	177351	233.349	ug/l	99
16) Acetone	2.386	43	130426	207.691	ug/l	98
17) Carbon Disulfide	2.526	76	207359	45.662	ug/l	99
18) Methyl Acetate	2.715	43	68754	43.107	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	218922	46.754	ug/l	99
20) Methylene Chloride	2.800	84	81126	46.453	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	76658	47.641	ug/l	99
22) Diisopropyl ether	3.770	45	262340	50.093	ug/l	96
23) Vinyl Acetate	3.733	43	965332	231.797	ug/l	99
24) 1,1-Dichloroethane	3.623	63	144398	48.562	ug/l	99
25) 2-Butanone	4.562	43	200792	226.078	ug/l	96
26) 2,2-Dichloropropane	4.489	77	90561	41.759	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	92038	48.686	ug/l	99
28) Bromochloromethane	4.910	49	75253	55.824	ug/l	99
29) Tetrahydrofuran	5.013	42	130955	228.277	ug/l	99
30) Chloroform	5.105	83	148146	49.820	ug/l	95
31) Cyclohexane	5.483	56	133192	47.234	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	126773	48.610	ug/l	99
36) 1,1-Dichloropropene	5.702	75	104116	47.566	ug/l	100
37) Ethyl Acetate	4.721	43	84018	41.584	ug/l	98
38) Carbon Tetrachloride	5.690	117	111625	46.991	ug/l	99
39) Methylcyclohexane	7.385	83	133155	46.228	ug/l	97
40) Benzene	6.050	78	314925	48.615	ug/l	100

Sample Results: **VX046754.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046754.D
Acq On : 18 Jun 2025 19:19
Operator : JC/MD
Sample : Q2345-09MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 19 01:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2025
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	52495	48.736	ug/l		95
42) 1,2-Dichloroethane	6.092	62	108485	47.657	ug/l		99
43) Isopropyl Acetate	6.348	43	140603	44.472	ug/l		99
44) Trichloroethene	7.129	130	79238	47.998	ug/l		99
45) 1,2-Dichloropropane	7.434	63	79040	49.233	ug/l		97
46) Dibromomethane	7.586	93	55469	48.075	ug/l		99
47) Bromodichloromethane	7.824	83	114825	48.767	ug/l		99
48) Methyl methacrylate	7.696	41	77040	48.587	ug/l		98
49) 1,4-Dioxane	7.659	88	17811	778.593	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	438885	232.751	ug/l		99
52) Toluene	8.720	92	195988	48.803	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	105565	48.322	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	119051	48.004	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	72658	48.550	ug/l		99
56) Ethyl methacrylate	9.116	69	108226	48.989	ug/l		100
57) 1,3-Dichloropropane	9.305	76	126284	49.000	ug/l		99
59) 2-Hexanone	9.427	43	296453	227.408	ug/l		100
60) Dibromochloromethane	9.519	129	85100	48.252	ug/l		100
61) 1,2-Dibromoethane	9.610	107	73799	48.479	ug/l		100
64) Tetrachloroethene	9.275	164	64553	44.698	ug/l		97
65) Chlorobenzene	10.079	112	215369	46.805	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	73173	47.316	ug/l		99
67) Ethyl Benzene	10.195	91	378857	47.122	ug/l		99
68) m/p-Xylenes	10.299	106	284493	94.966	ug/l		98
69) o-Xylene	10.640	106	138291	49.257	ug/l		97
70) Styrene	10.653	104	238827	48.609	ug/l		99
71) Bromoform	10.799	173	54094	45.930	ug/l	#	98
73) Isopropylbenzene	10.963	105	364190	48.101	ug/l		100
74) N-amyl acetate	10.842	43	127025	44.281	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	99601	47.113	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	90747m	48.197	ug/l		
77) Bromobenzene	11.195	156	86823	47.653	ug/l		98
78) n-propylbenzene	11.305	91	431403	47.971	ug/l		99
79) 2-Chlorotoluene	11.360	91	251143	46.774	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	296303	47.623	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	28498	42.782	ug/l		97
82) 4-Chlorotoluene	11.451	91	295188	47.107	ug/l		99
83) tert-Butylbenzene	11.713	119	305236	47.460	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	298376	47.732	ug/l		99
85) sec-Butylbenzene	11.890	105	384840	47.347	ug/l		100
86) p-Isopropyltoluene	12.006	119	319898	46.646	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	159621	44.932	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	160122	43.882	ug/l		100
89) n-Butylbenzene	12.329	91	301016	46.228	ug/l		100
90) Hexachloroethane	12.536	117	55160	45.931	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	155619	46.876	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18501	44.327	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	107118	45.385	ug/l		98
94) Hexachlorobutadiene	13.719	225	45542	45.870	ug/l		97
95) Naphthalene	13.774	128	315148	46.868	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	105398	46.678	ug/l		99

Sample Results: **VX046754.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046754.D
Acq On : 18 Jun 2025 19:19
Operator : JC/MD
Sample : Q2345-09MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 19 01:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations APPROVED

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

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

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Operator : JC/MD
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ALS Vial : 28 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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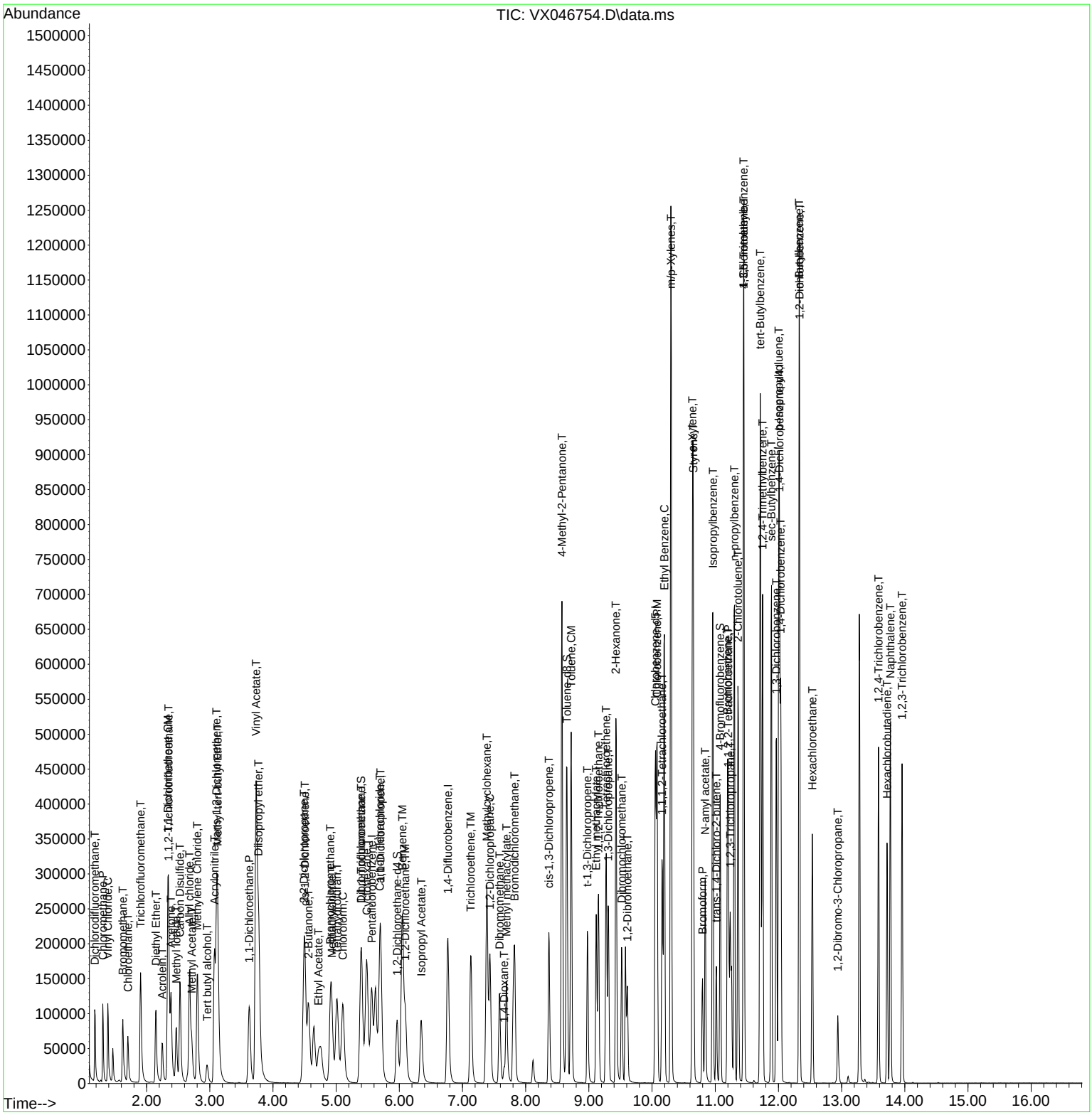
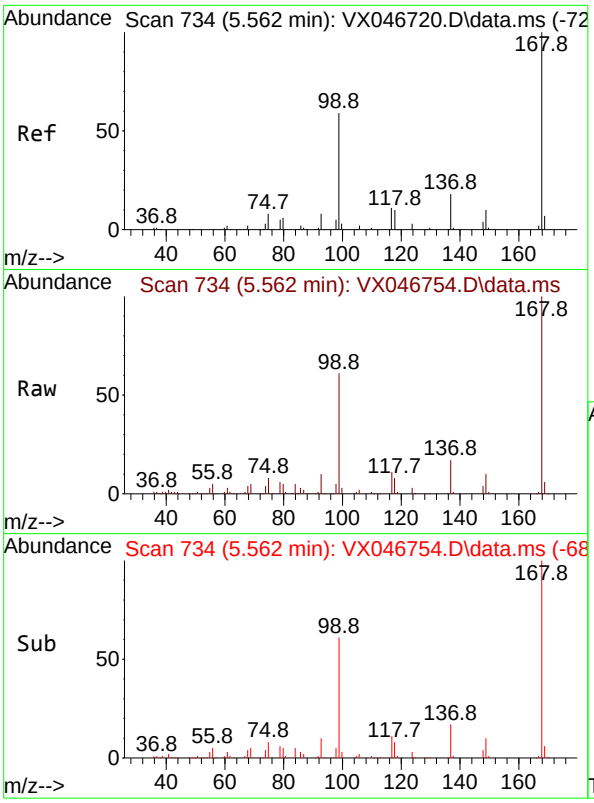
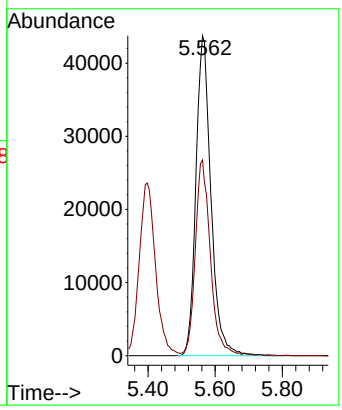




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:168 Resp: 13614

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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Reviewed By :John Carlone 06/19/2025
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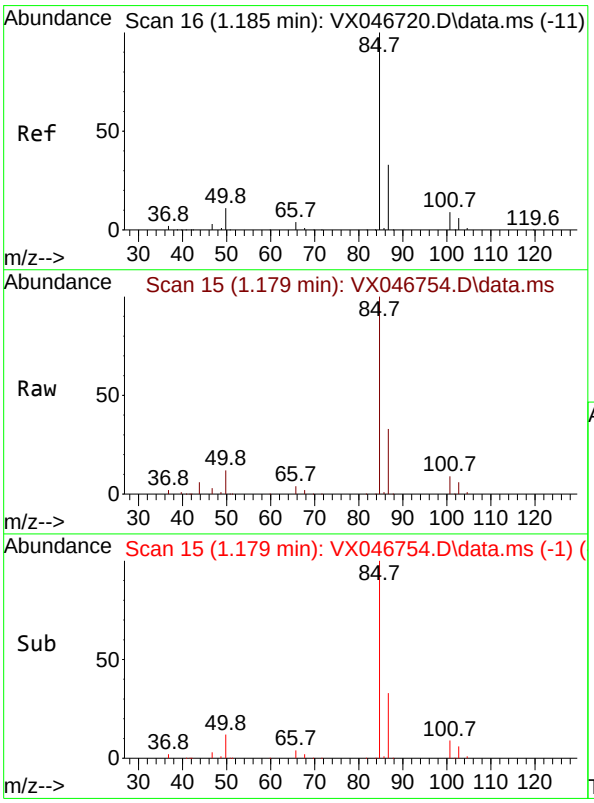
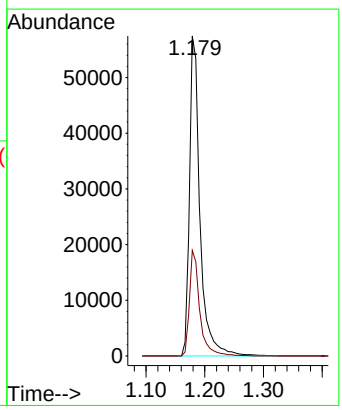
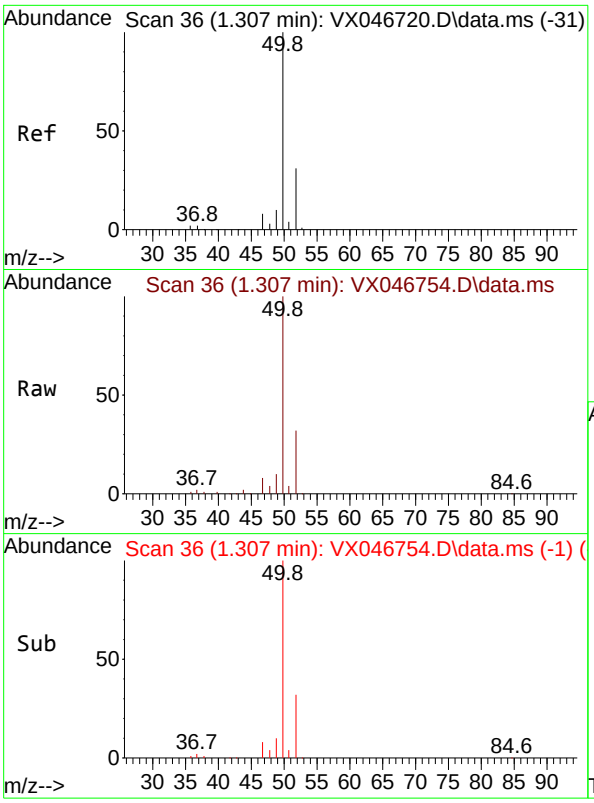


#2
Dichlorodifluoromethane
Concen: 49.190 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 85 Resp: 71499

Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.6	49.8





#3
Chloromethane
Concen: 48.261 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 50 Resp: 7571

Ion	Ratio	Lower	Upper
50	100		
52	31.8	24.9	37.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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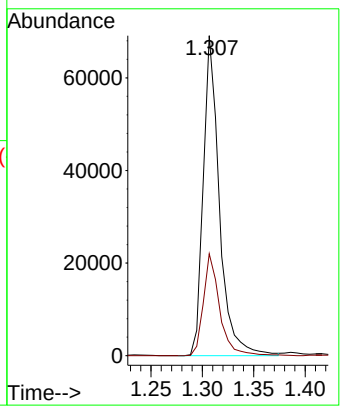
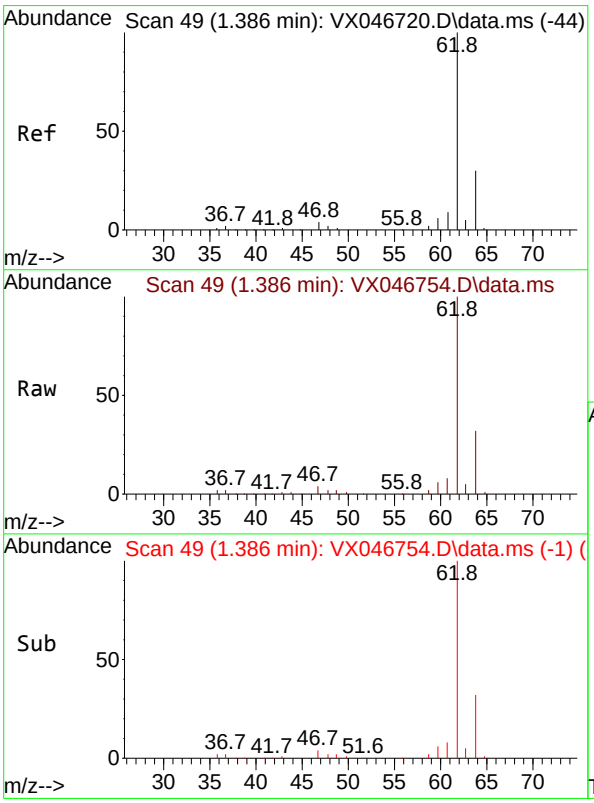
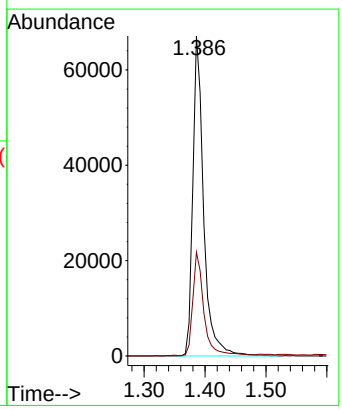


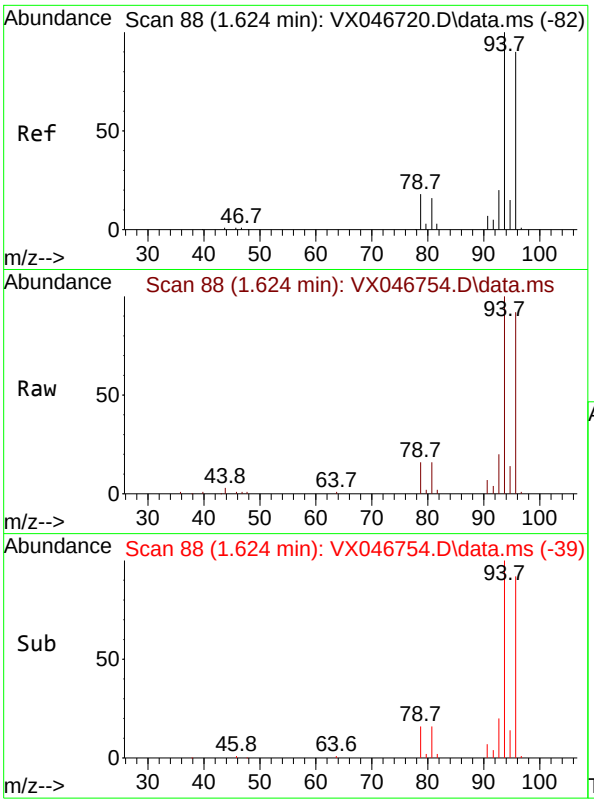


#4
Vinyl Chloride
Concen: 49.452 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 62 Resp: 82735

Ion	Ratio	Lower	Upper
62	100		
64	32.3	23.9	35.9





#5
Bromomethane
Concen: 54.534 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 94 Resp: 5133

Ion	Ratio	Lower	Upper
94	100		
96	92.3	72.3	108.5

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations
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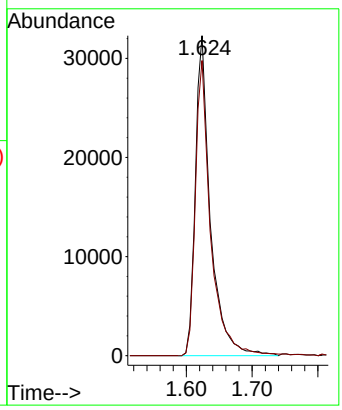
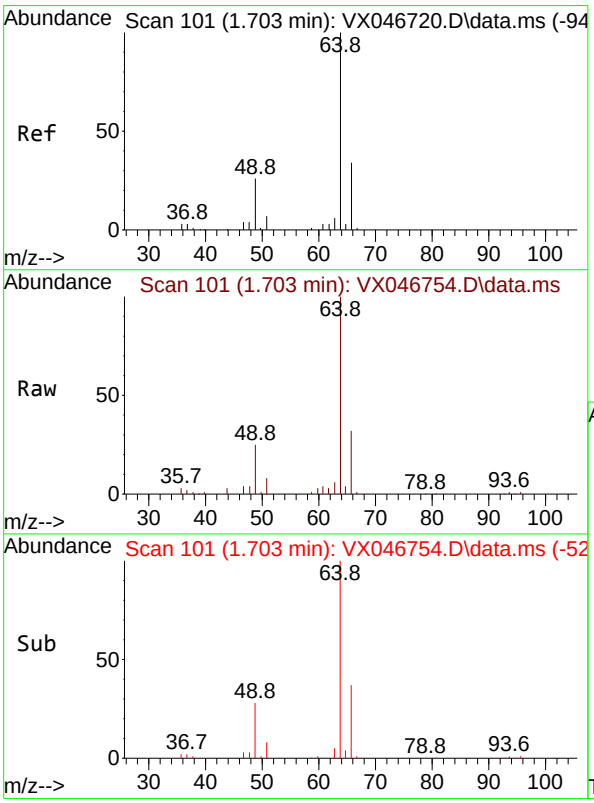
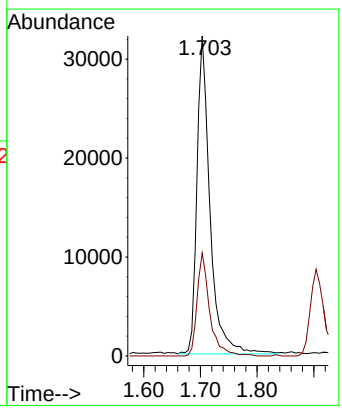


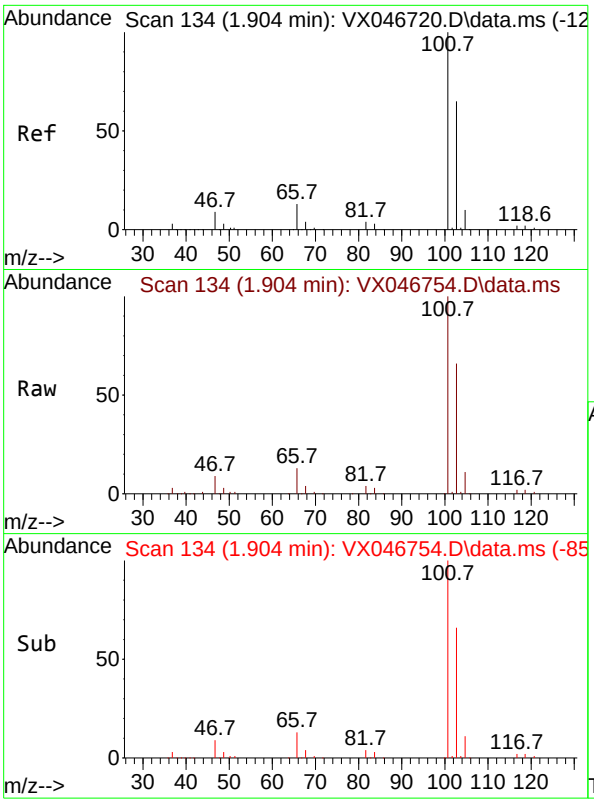


#6
Chloroethane
Concen: 50.564 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 64 Resp: 51273

Ion	Ratio	Lower	Upper
64	100		
66	32.4	27.1	40.7





#7
Trichlorofluoromethane
Concen: 47.896 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:101 Resp: 12167

Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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Reviewed By :John Carlone 06/19/2025
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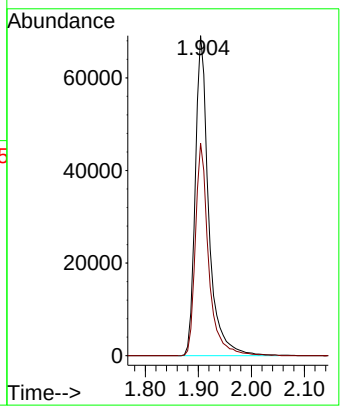
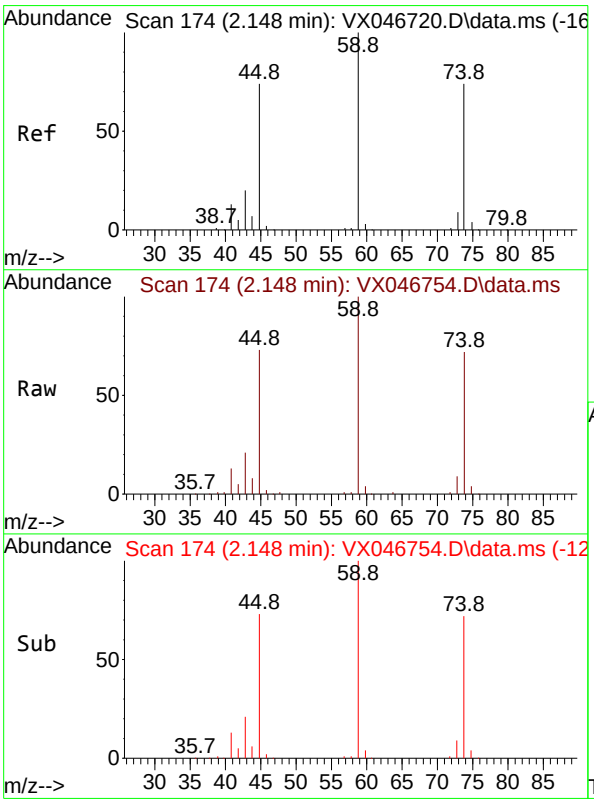
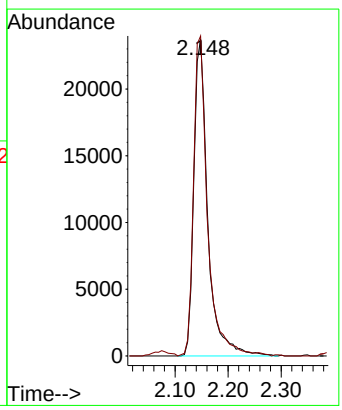


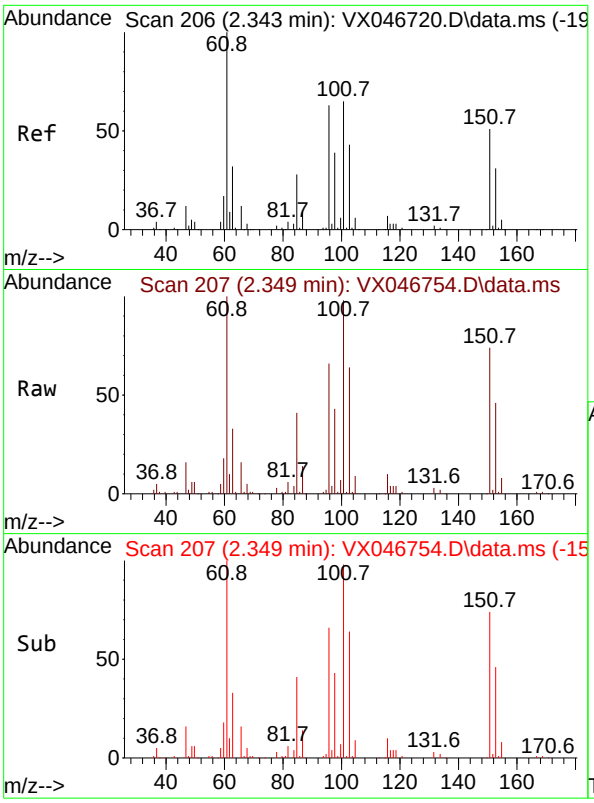


#8
Diethyl Ether
Concen: 49.514 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 74 Resp: 43167

Ion	Ratio	Lower	Upper
74	100		
45	101.8	52.3	157.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.413 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:101 Resp: 7389

Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.4	53.0
151	75.3	61.2	91.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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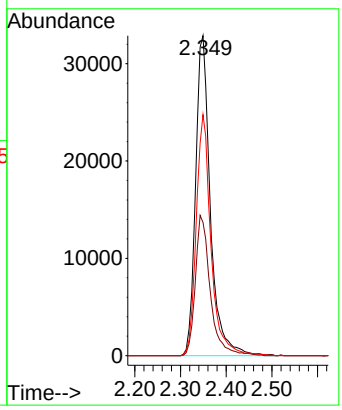
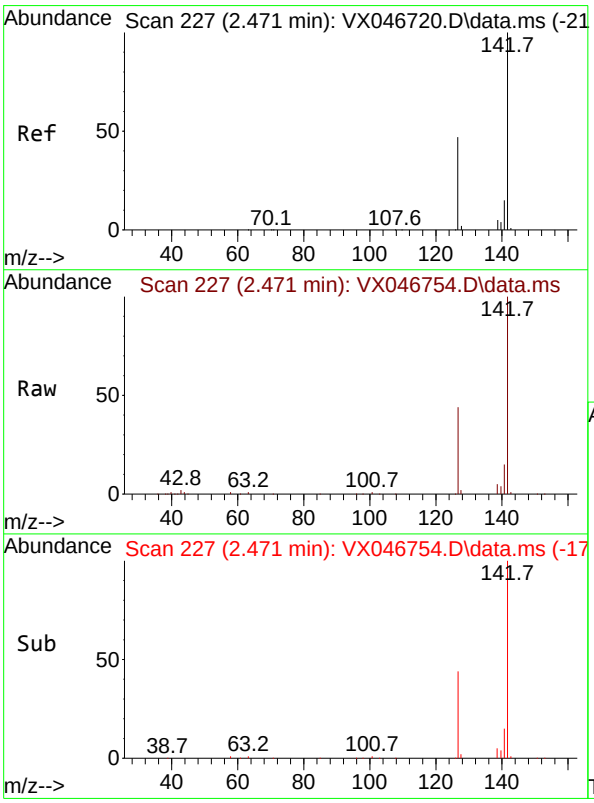
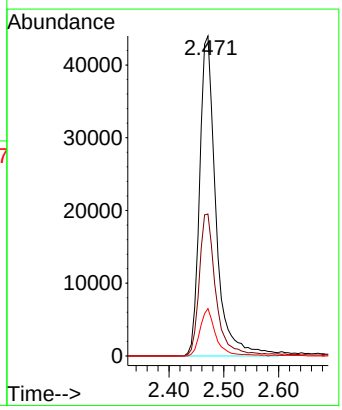


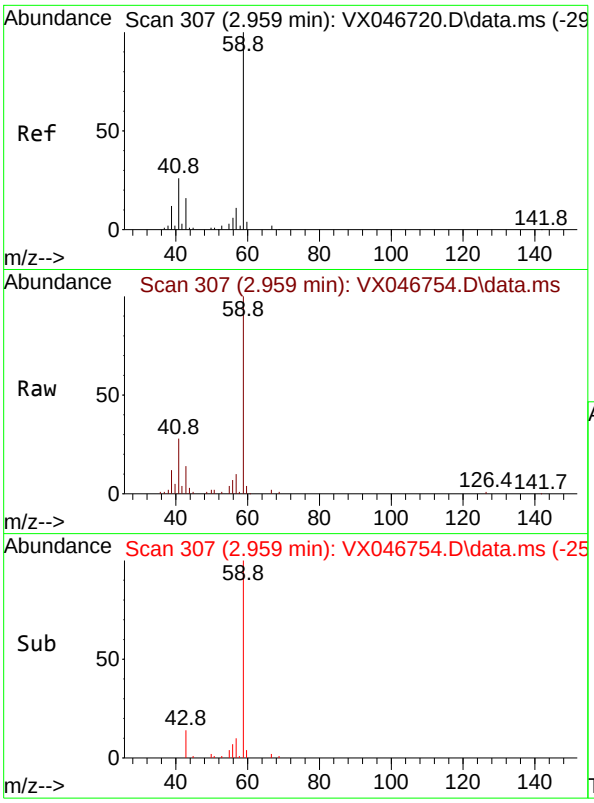


#10
Methyl Iodide
Concen: 46.992 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:142 Resp: 91117

Ion	Ratio	Lower	Upper
142	100		
127	46.4	37.0	55.6
141	14.3	11.5	17.3





#11
Tert butyl alcohol
Concen: 189.076 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 59 Resp: 3195

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations
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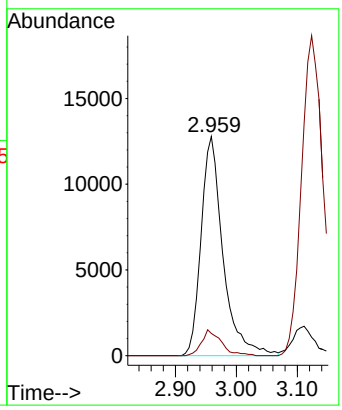
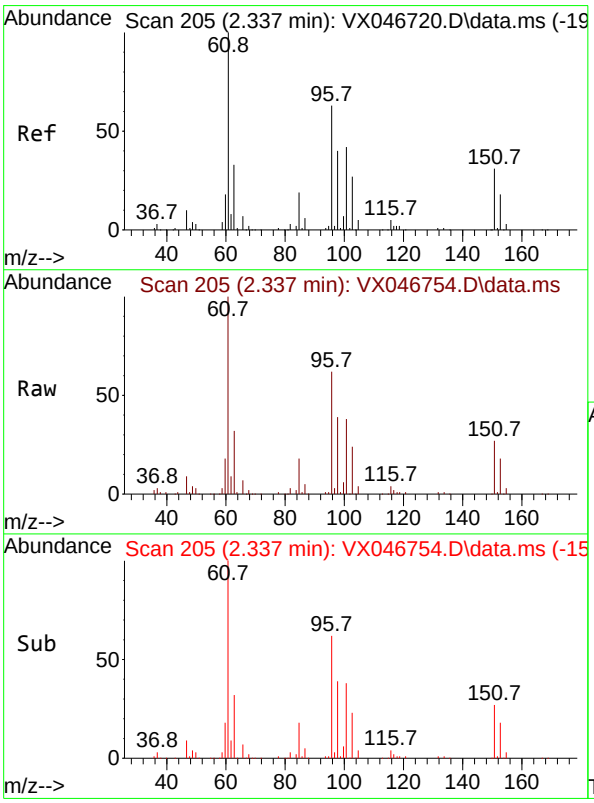
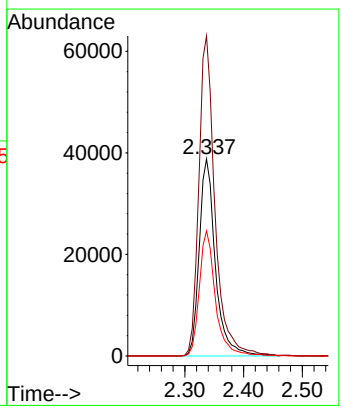


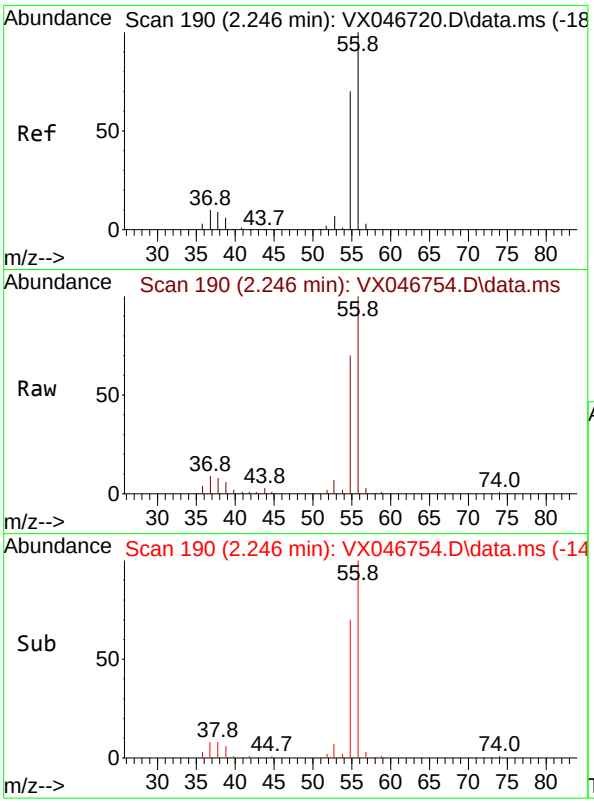


#12
1,1-Dichloroethene
Concen: 49.435 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 96 Resp: 74340

Ion	Ratio	Lower	Upper
96	100		
61	162.4	126.6	189.8
98	63.5	50.7	76.1





#13
Acrolein
Concen: 200.209 ug/l
RT: 2.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 56 Resp: 4929

Ion	Ratio	Lower	Upper
56	100		
55	69.8	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations
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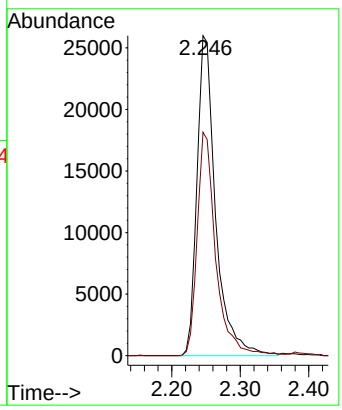
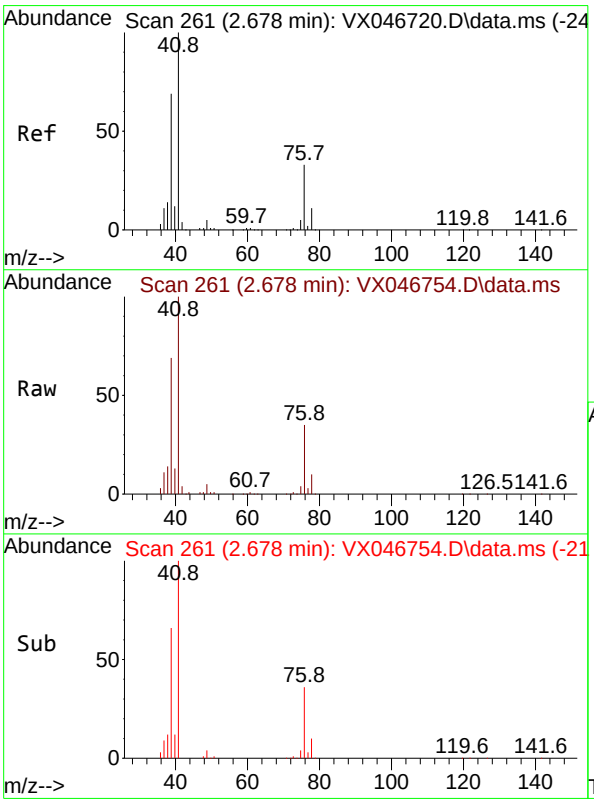
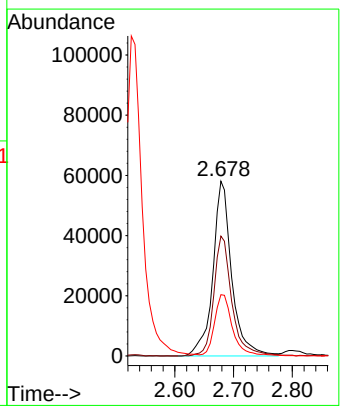


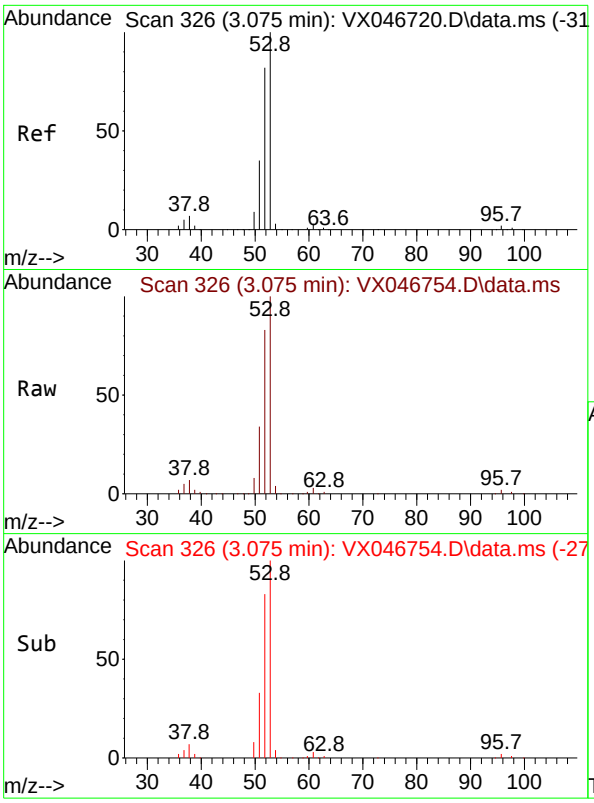


#14
Allyl chloride
Concen: 47.659 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 41 Resp: 129854

Ion	Ratio	Lower	Upper
41	100		
39	65.4	53.6	80.4
76	33.5	26.8	40.2

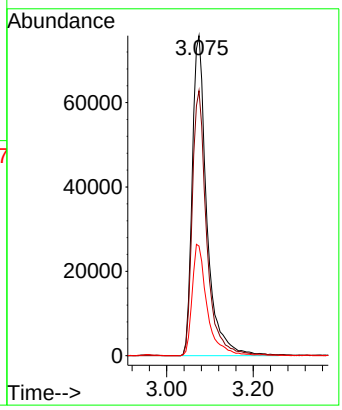




#15
Acrylonitrile
Concen: 233.349 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 53 Resp: 17735

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.1	97.7
51	35.7	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations
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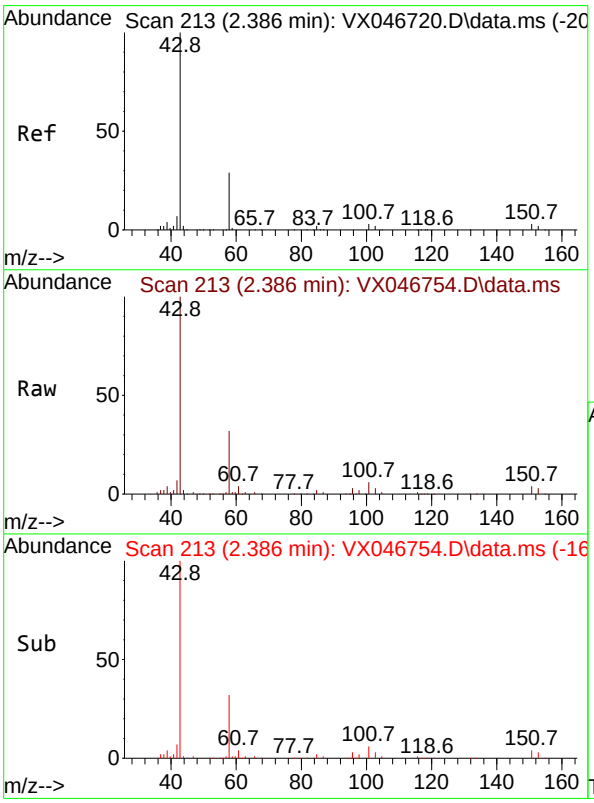
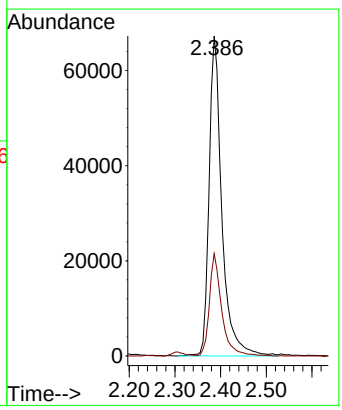
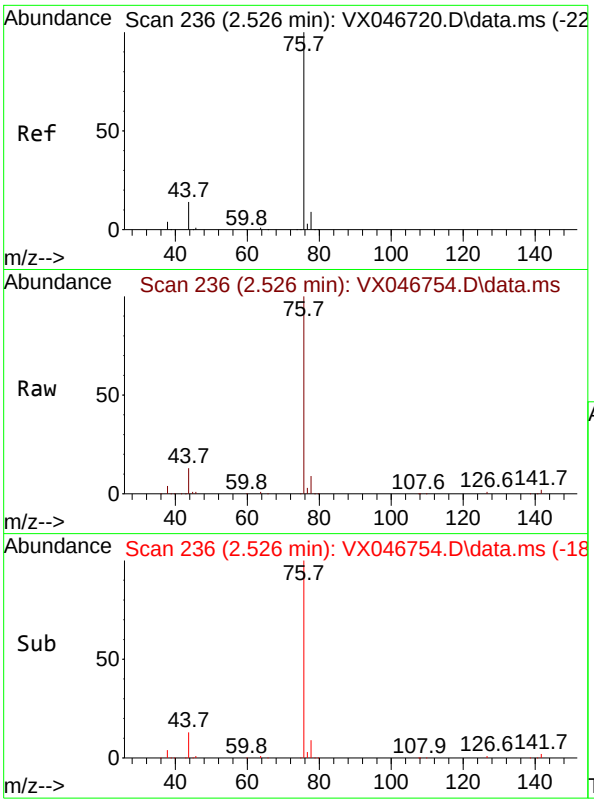


#16
Acetone
Concen: 207.691 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 43 Resp: 130426

Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.5	36.7





#17
Carbon Disulfide
Concen: 45.662 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 76 Resp: 20735

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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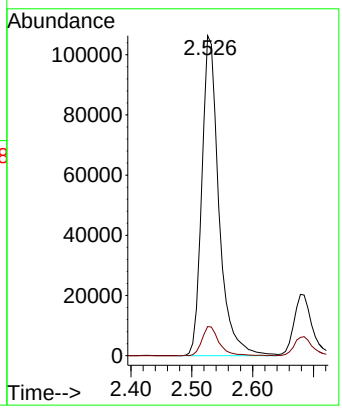
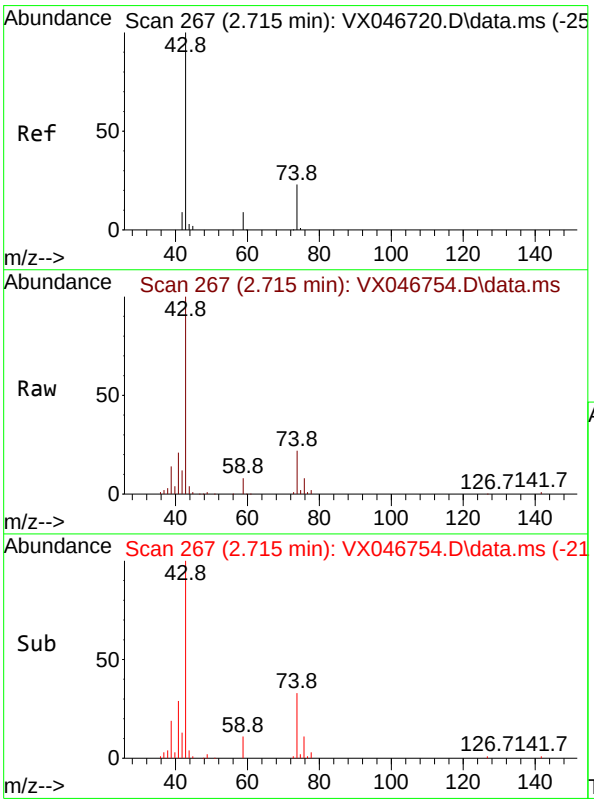
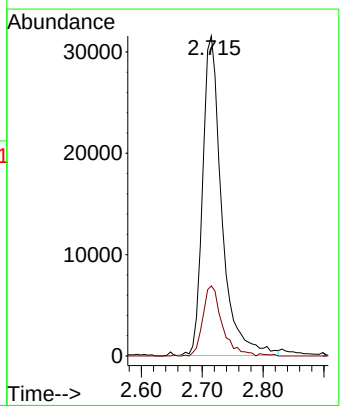


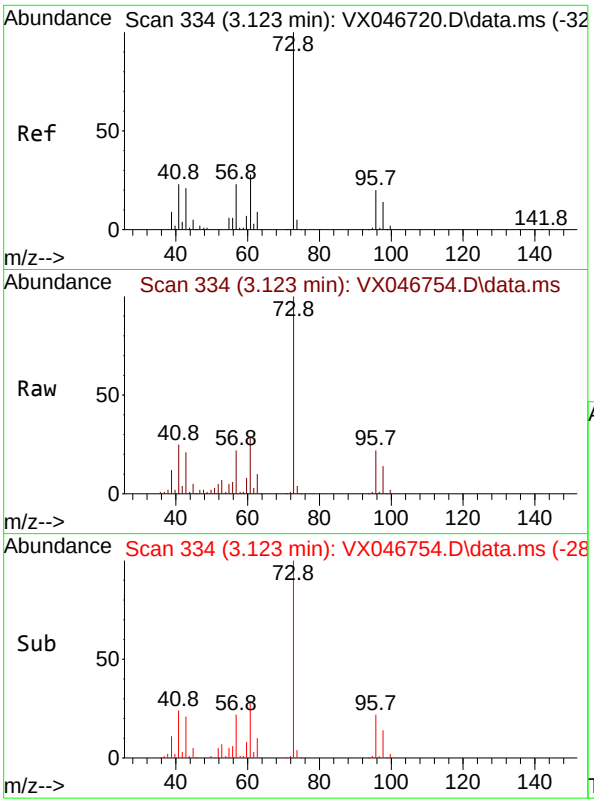


#18
Methyl Acetate
Concen: 43.107 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 43 Resp: 68754

Ion	Ratio	Lower	Upper
43	100		
74	22.1	18.4	27.6





#19
Methyl tert-butyl Ether
Concen: 46.754 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 73 Resp: 21892

Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.2	27.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations
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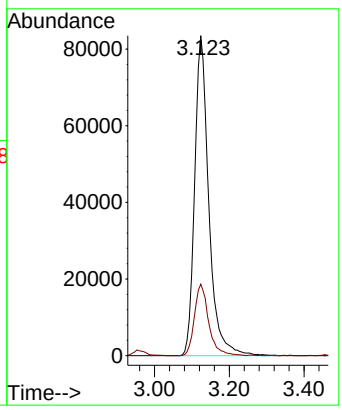
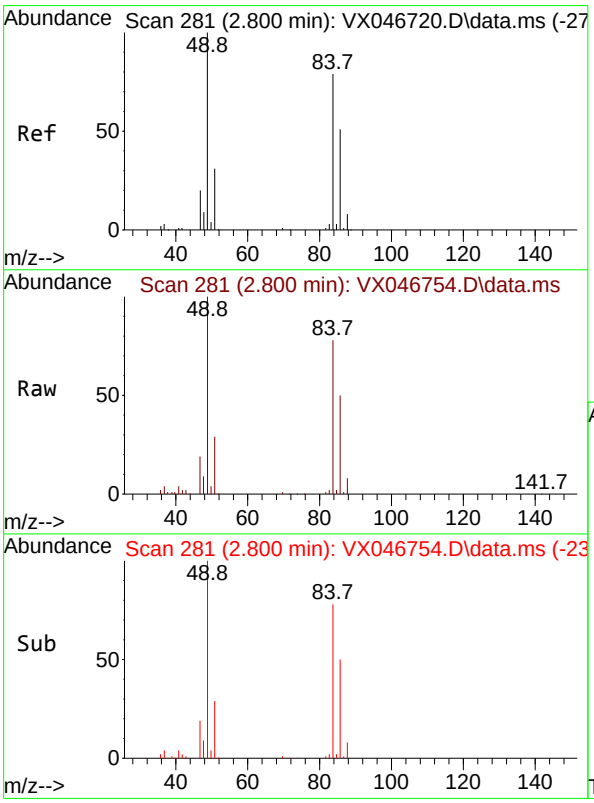
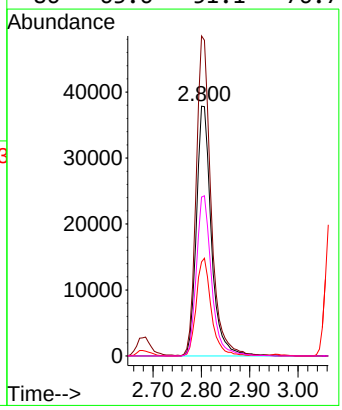


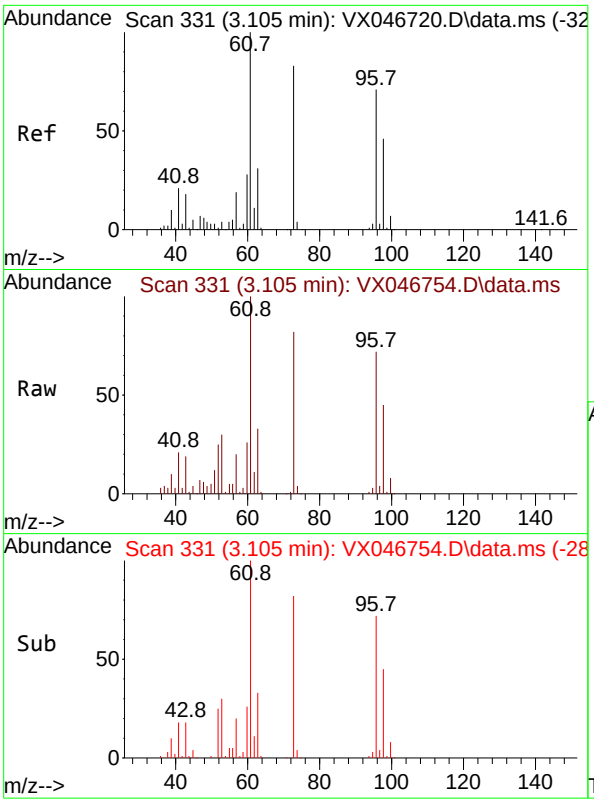


#20
Methylene Chloride
Concen: 46.453 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 84 Resp: 81126

Ion	Ratio	Lower	Upper
84	100		
49	127.8	101.3	151.9
51	37.7	31.0	46.6
86	63.6	51.1	76.7

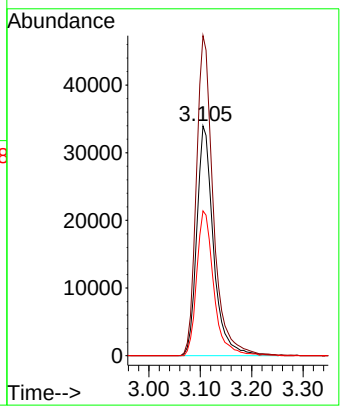




#21
trans-1,2-Dichloroethene
Concen: 47.641 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 96 Resp: 7665

Ion	Ratio	Lower	Upper
96	100		
61	139.3	112.5	168.7
98	63.0	51.9	77.9



Instrument :
MSVOA_X
ClientSampleId :
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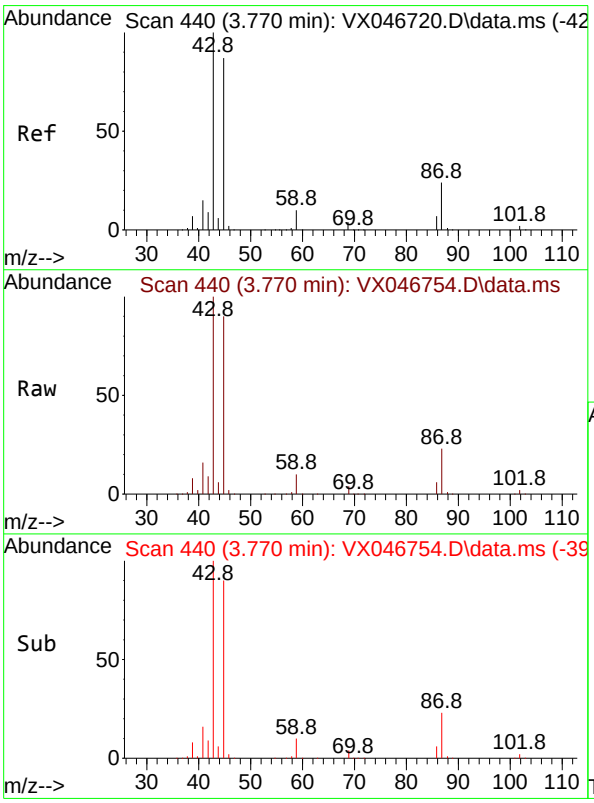
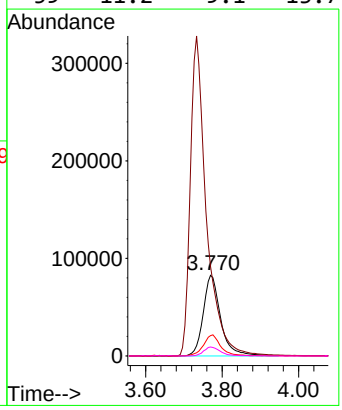
Supervised By :Mahesh Dadoda 06/21/2025

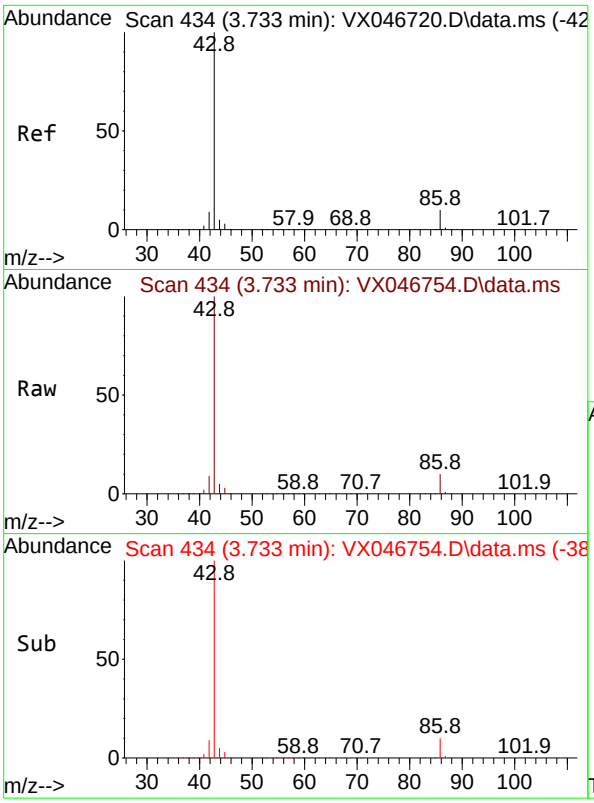


#22
Diisopropyl ether
Concen: 50.093 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 45 Resp: 262340

Ion	Ratio	Lower	Upper
45	100		
43	110.9	91.9	137.9
87	25.3	22.0	33.0
59	11.2	9.1	13.7





#23
Vinyl Acetate
Concen: 231.797 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 43 Resp: 96533

Ion	Ratio	Lower	Upper
43	100		
86	9.9	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
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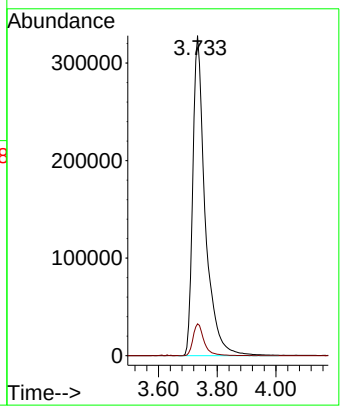
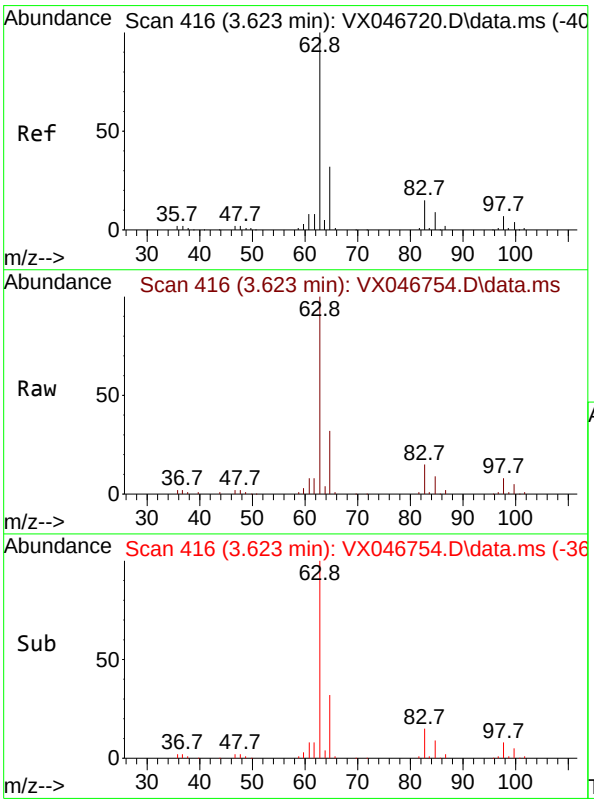
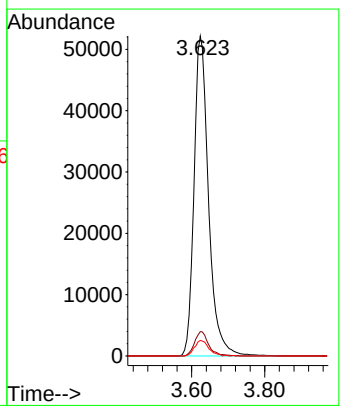


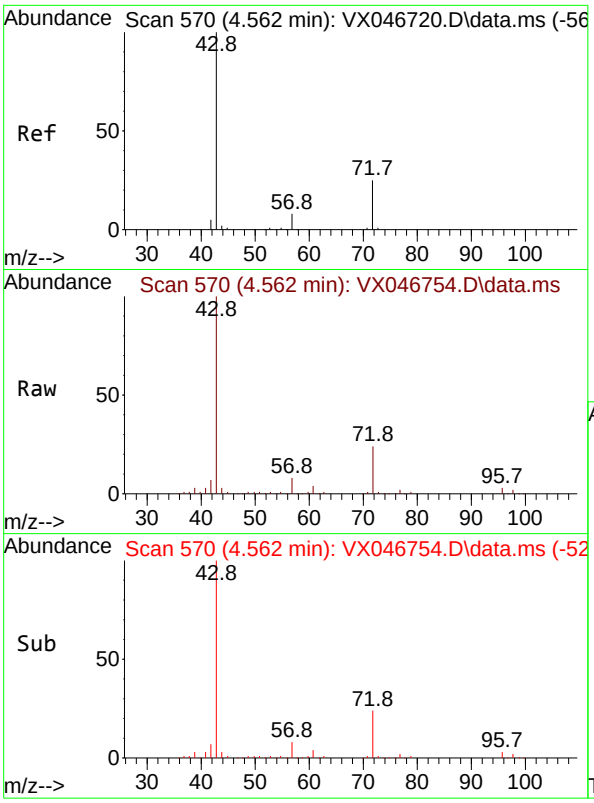


#24
1,1-Dichloroethane
Concen: 48.562 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 63 Resp: 144398

Ion	Ratio	Lower	Upper
63	100		
98	7.6	4.0	11.9
100	4.8	2.2	6.6





#25
2-Butanone
Concen: 226.078 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 43 Resp: 20079

Ion	Ratio	Lower	Upper
43	100		
72	23.4	20.2	30.4

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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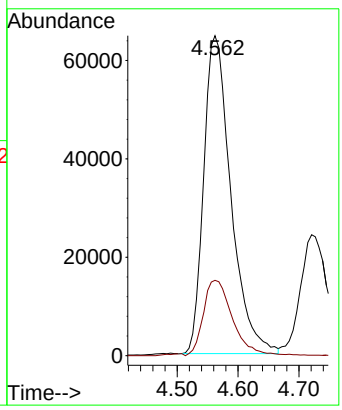
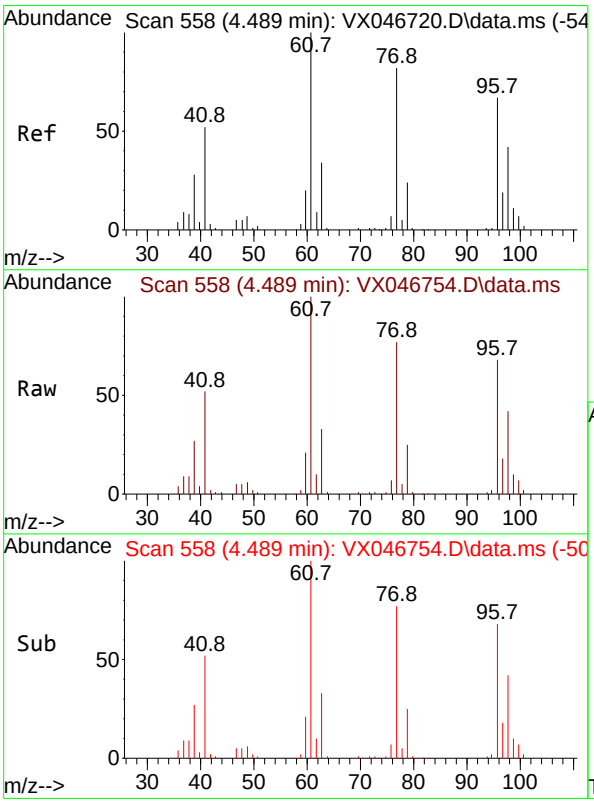
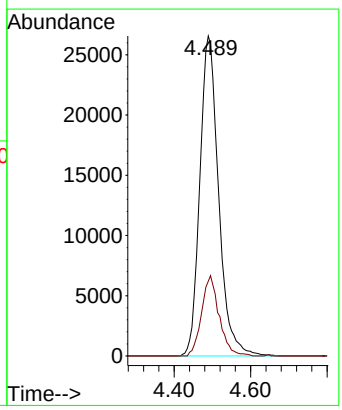


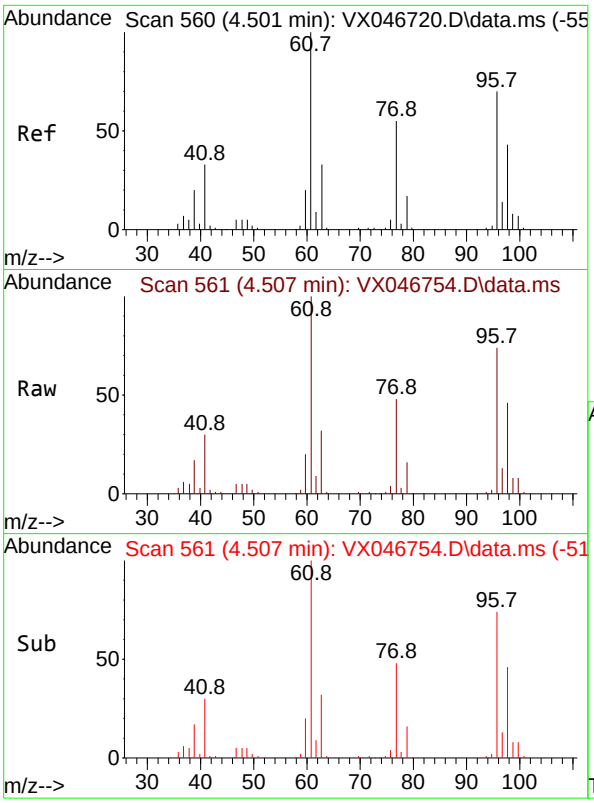


#26
2,2-Dichloropropane
Concen: 41.759 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 77 Resp: 90561

Ion	Ratio	Lower	Upper
77	100		
97	23.4	11.8	35.3





#27
cis-1,2-Dichloroethene
Concen: 48.686 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 96 Resp: 9203

Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	291.0
98	63.8	0.0	126.8

Instrument :
MSVOA_X
ClientSampleId :
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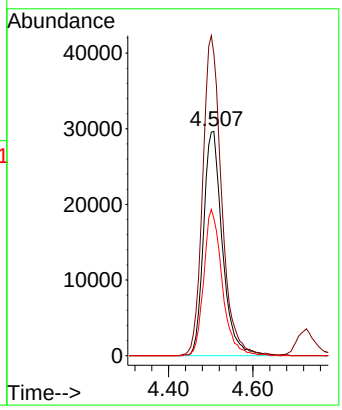
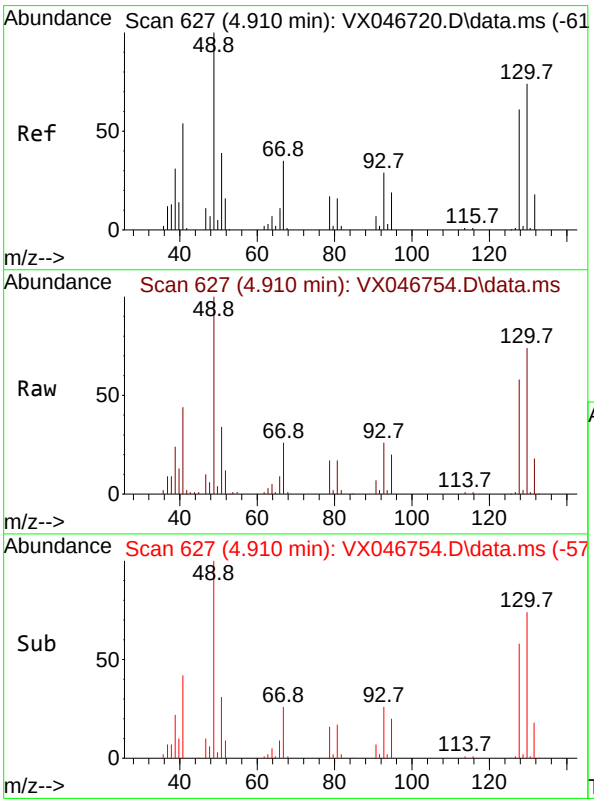
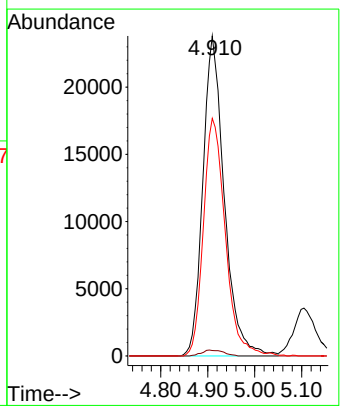


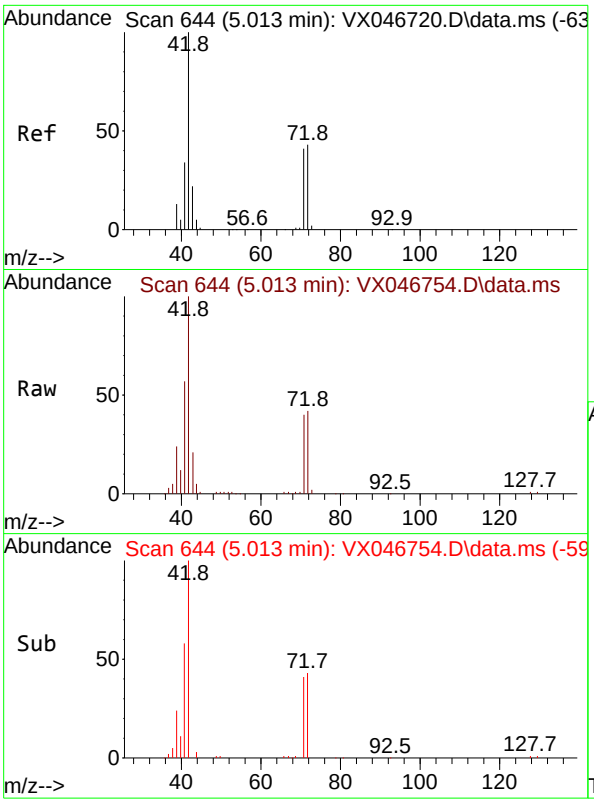


#28
Bromochloromethane
Concen: 55.824 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 49 Resp: 75253

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	75.8	61.4	92.0





#29
Tetrahydrofuran
Concen: 228.277 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 42 Resp: 13095

Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.9	52.3
71	39.9	32.2	48.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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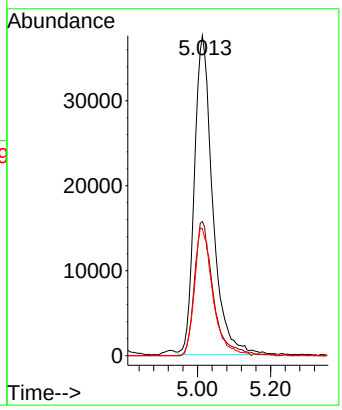
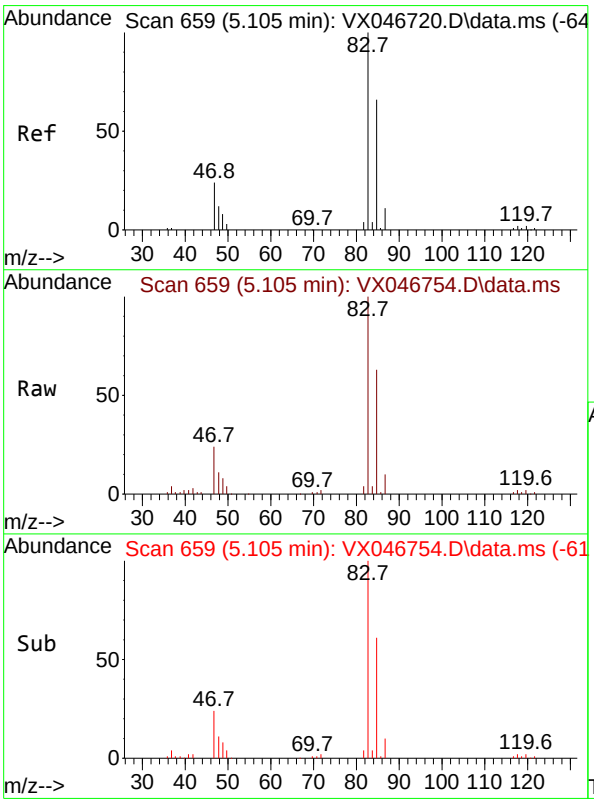
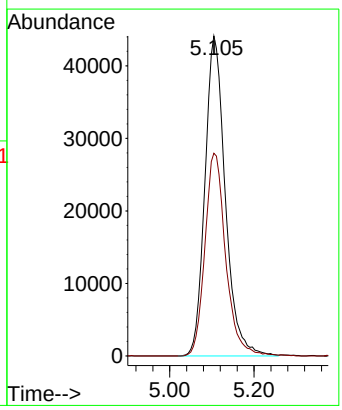


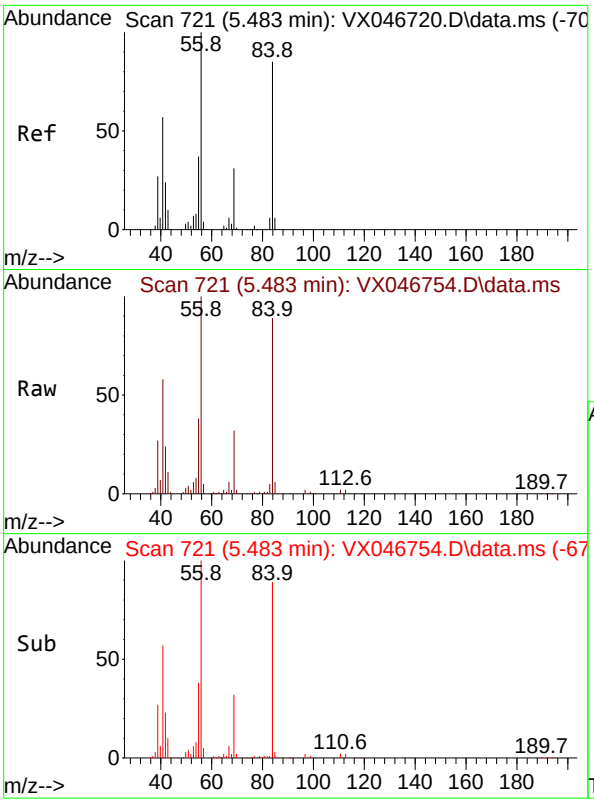


#30
Chloroform
Concen: 49.820 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 83 Resp: 148146

Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.7	80.5





#31
Cyclohexane
Concen: 47.234 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 56 Resp: 13319

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.8	37.2
84	88.4	68.2	102.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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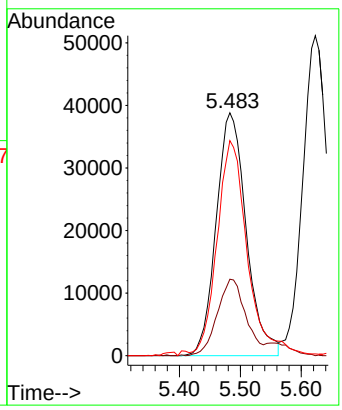
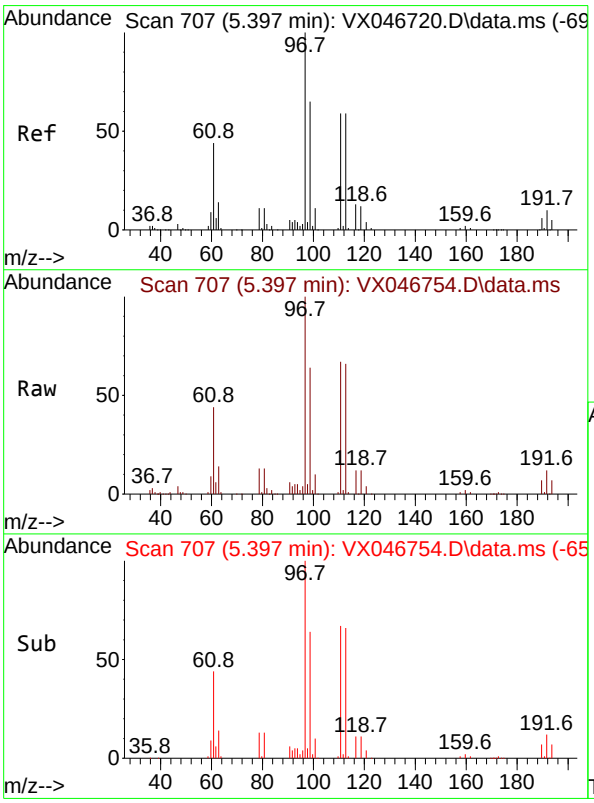
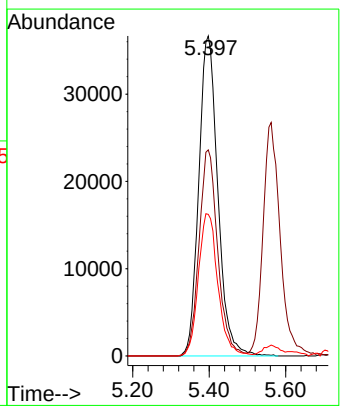


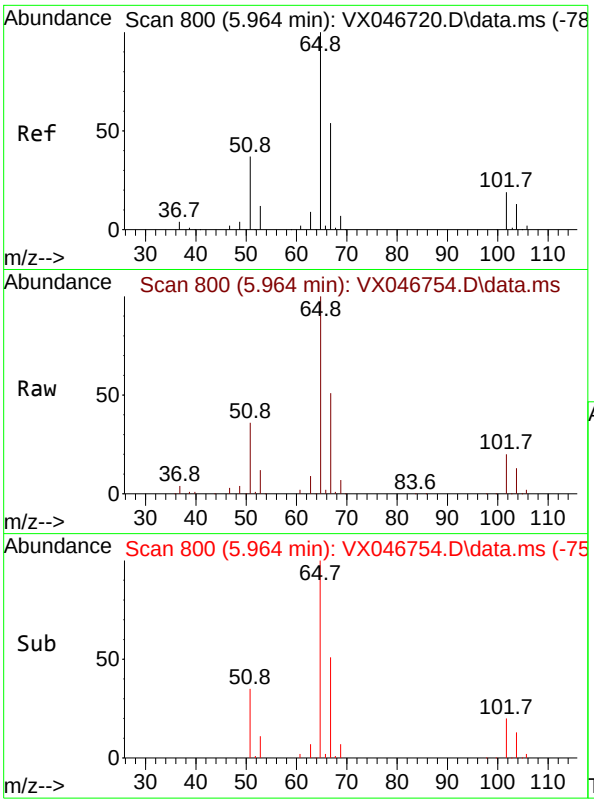


#32
1,1,1-Trichloroethane
Concen: 48.610 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 97 Resp: 126773

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.3	76.9
61	45.6	36.4	54.6

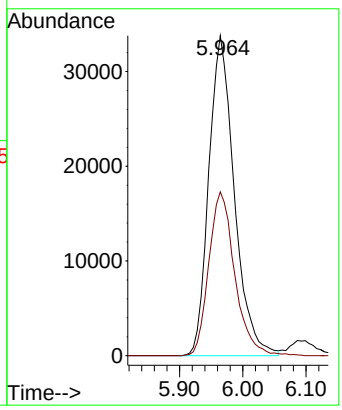




#33
1,2-Dichloroethane-d4
Concen: 50.219 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 65 Resp: 9457

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
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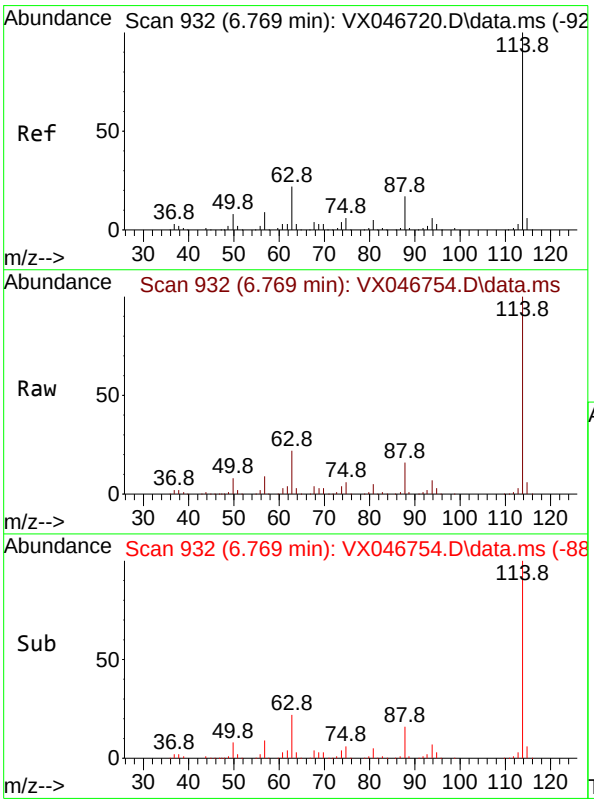
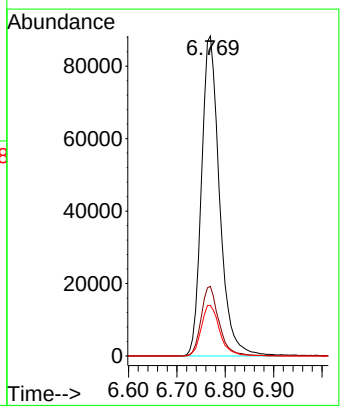
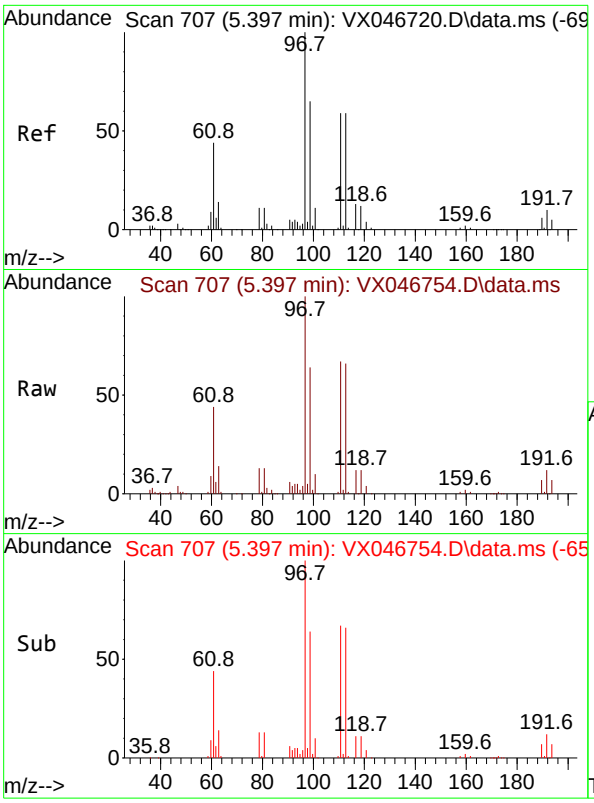


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:114 Resp: 229178

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.2
88	15.8	0.0	33.2

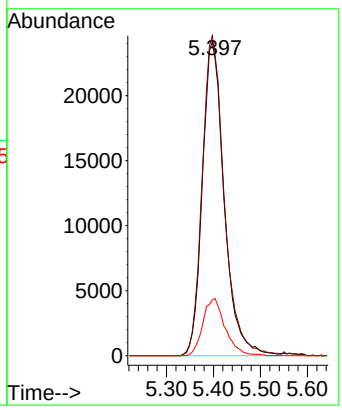




#35
Dibromofluoromethane
Concen: 51.260 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:113 Resp: 7772

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	18.6	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
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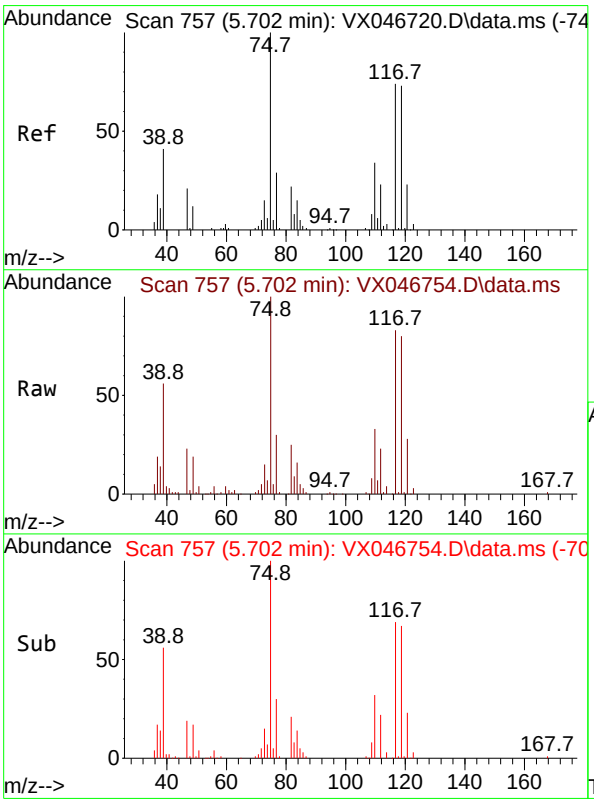
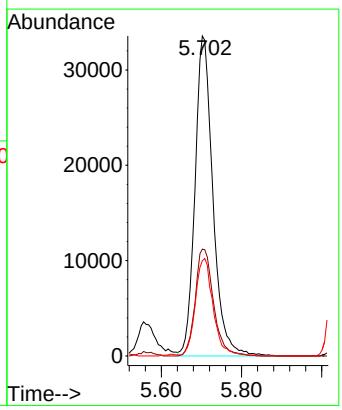
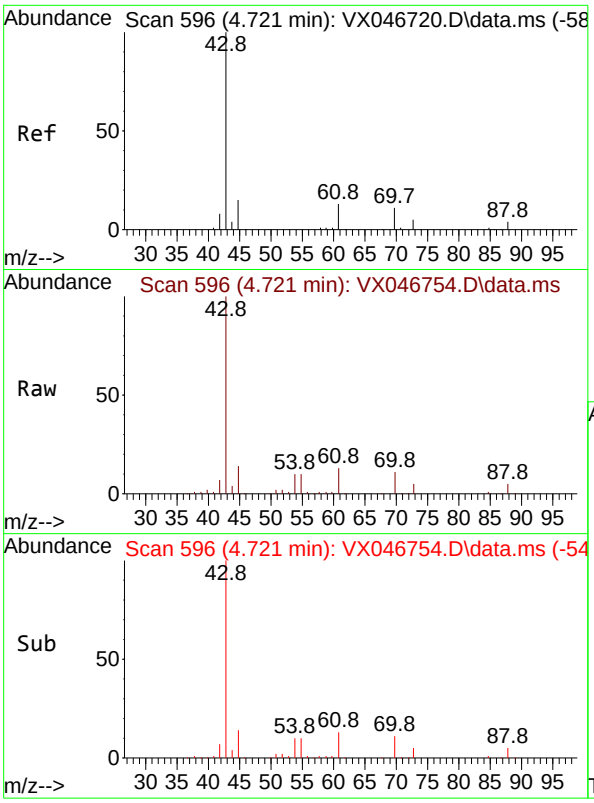


#36
1,1-Dichloropropene
Concen: 47.566 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 75 Resp: 104116

Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.2	51.5
77	30.3	24.2	36.4





#37
Ethyl Acetate
Concen: 41.584 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 43 Resp: 8401

Ion	Ratio	Lower	Upper
43	100		
61	13.3	9.7	14.5
70	10.0	8.1	12.1

Instrument :
MSVOA_X
ClientSampleId :
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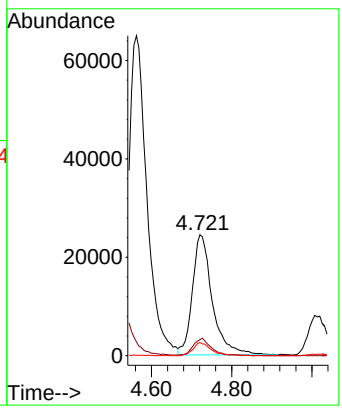
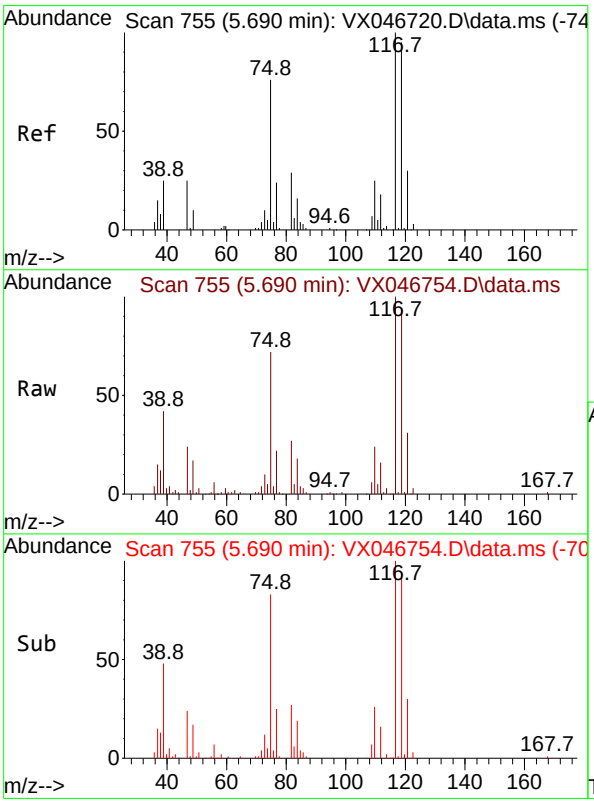
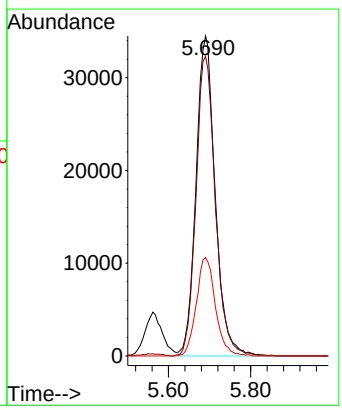


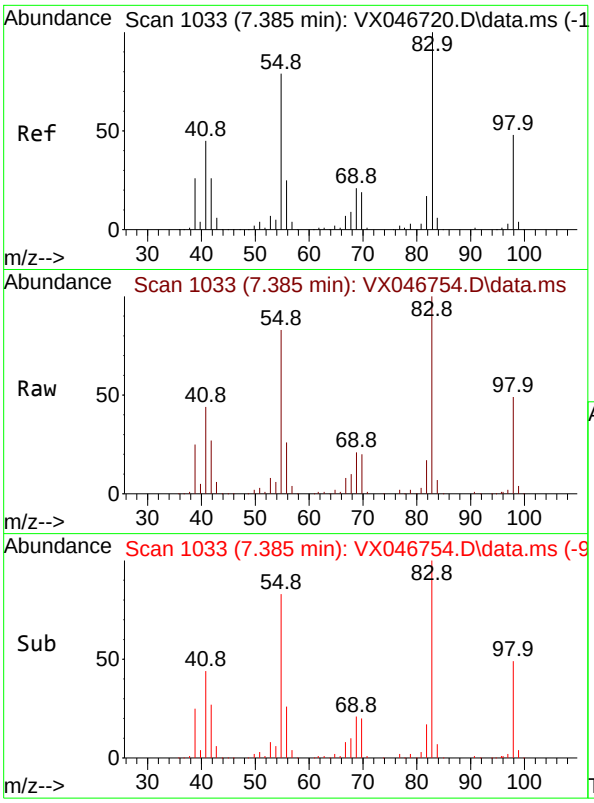


#38
Carbon Tetrachloride
Concen: 46.991 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:117 Resp: 111625

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.2	112.8
121	30.7	24.1	36.1





#39
Methylcyclohexane
Concen: 46.228 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 83 Resp: 13315

Ion	Ratio	Lower	Upper
83	100		
55	82.8	63.0	94.4
98	49.1	38.8	58.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations
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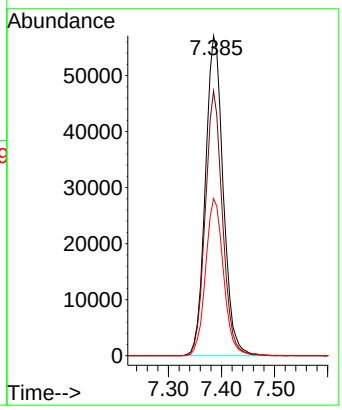
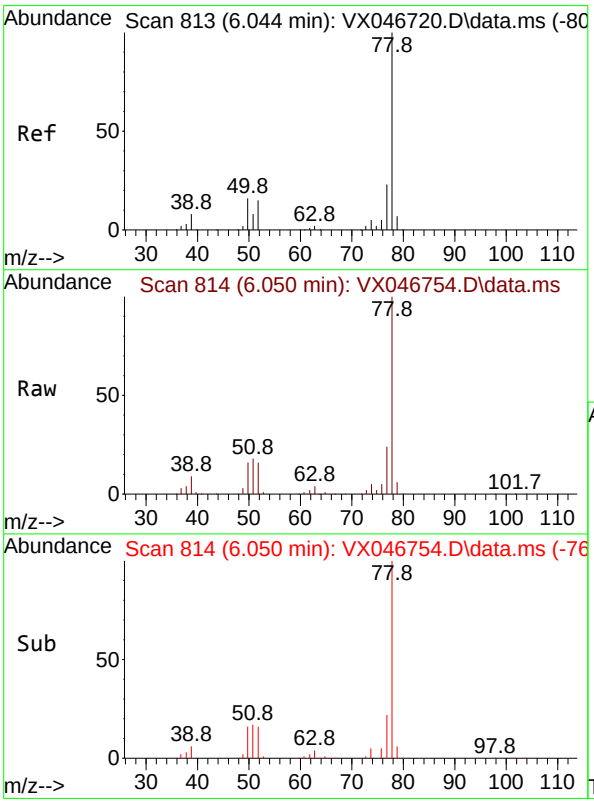
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

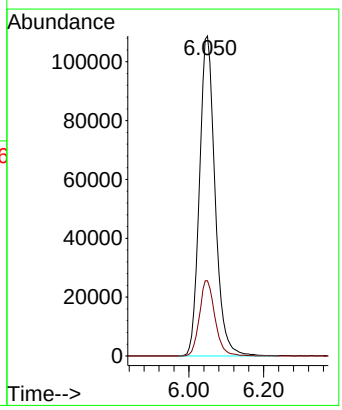


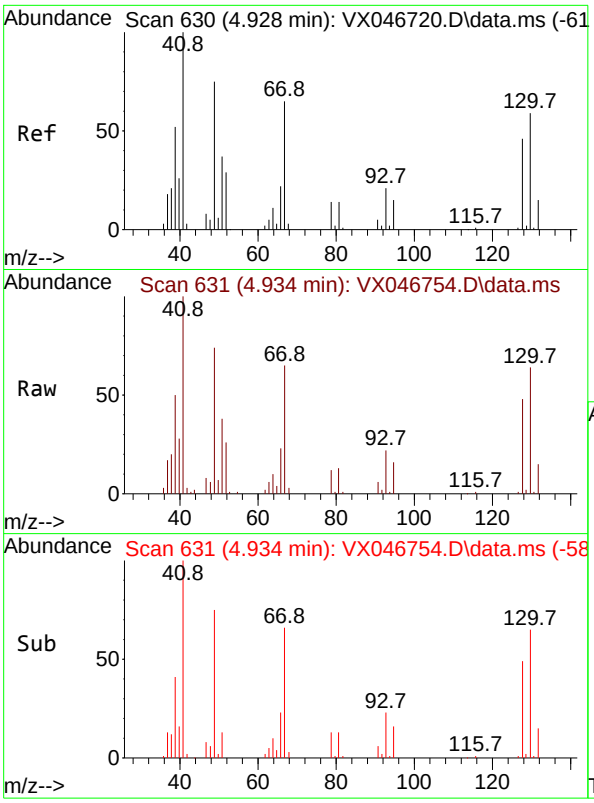


#40
Benzene
Concen: 48.615 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 78 Resp: 314925

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

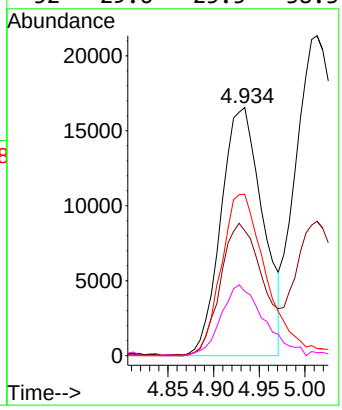




#41
Methacrylonitrile
Concen: 48.736 ug/l
RT: 4.934 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 41 Resp: 5249

Ion	Ratio	Lower	Upper
41	100		
39	53.3	45.9	68.9
67	71.8	61.2	91.8
52	29.6	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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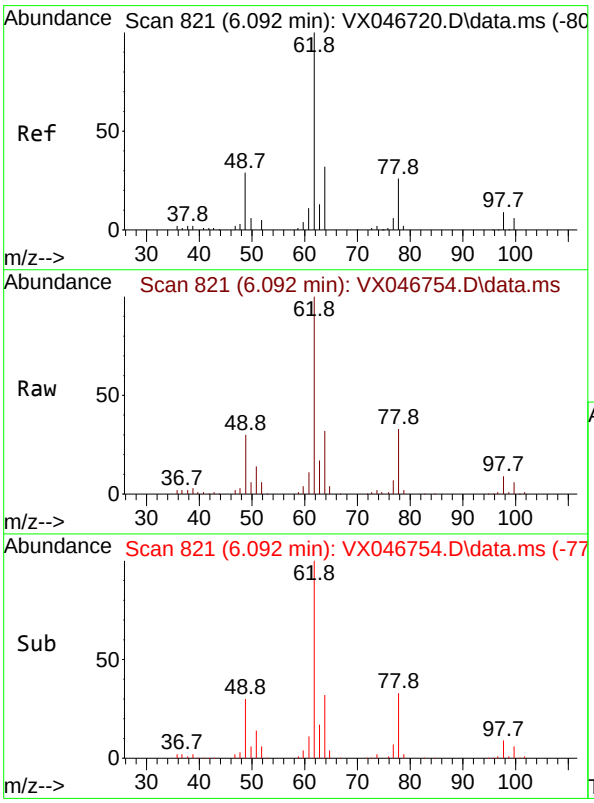
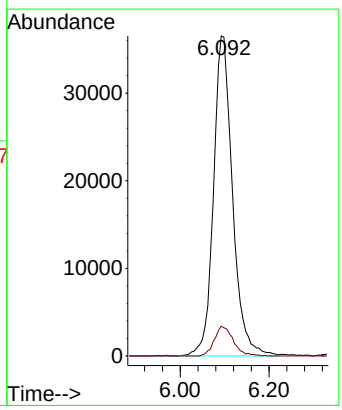
Supervised By :Mahesh Dadoda 06/21/2025

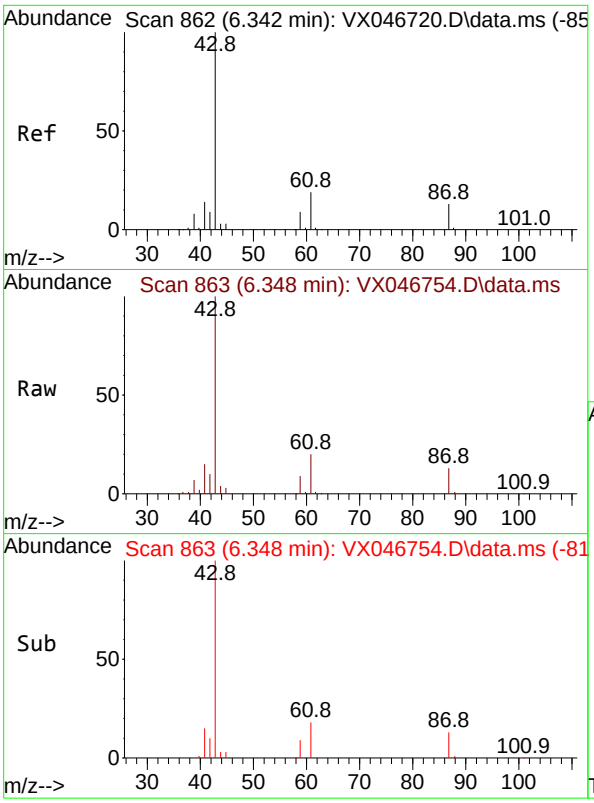


#42
1,2-Dichloroethane
Concen: 47.657 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 62 Resp: 108485

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8





#43
Isopropyl Acetate
Concen: 44.472 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 43 Resp: 14060

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.3	22.9
87	12.6	10.0	15.0

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations
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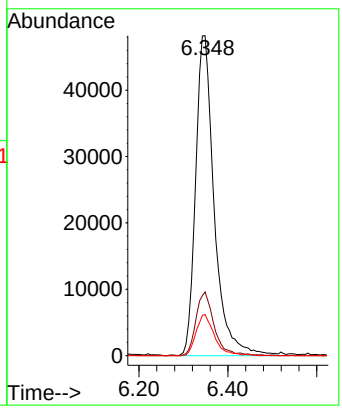
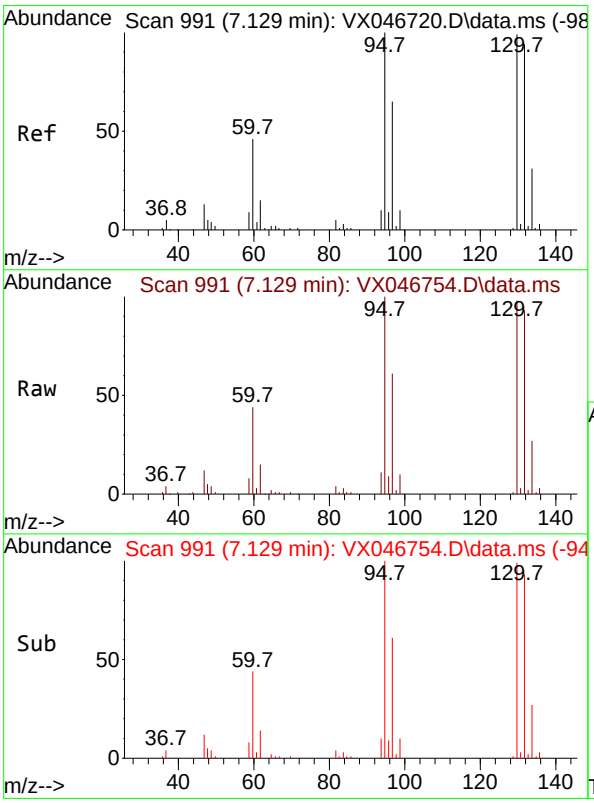
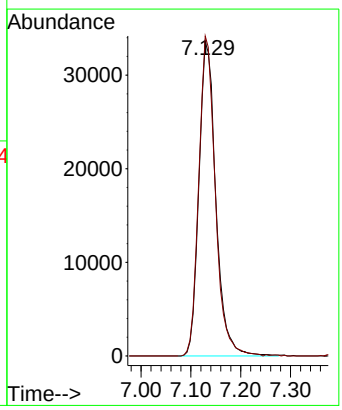


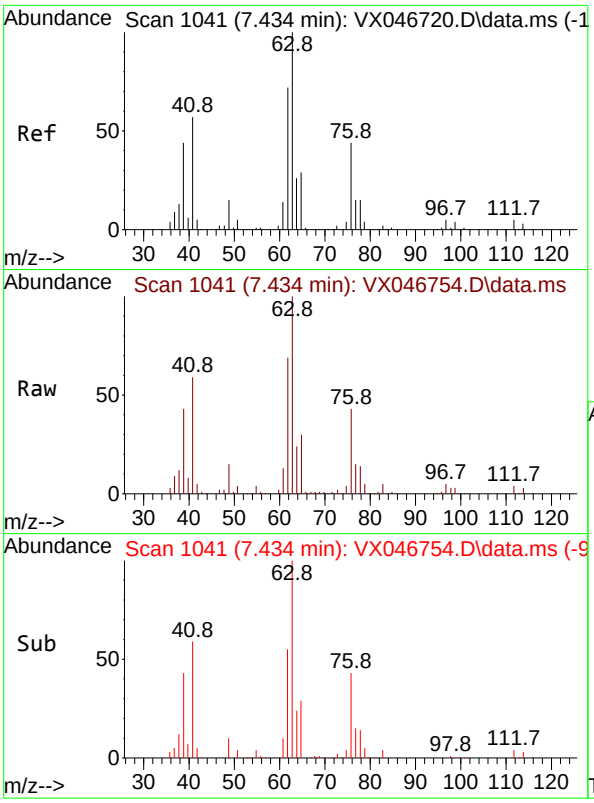


#44
Trichloroethene
Concen: 47.998 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:130 Resp: 79238

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	202.6





#45
1,2-Dichloropropane
Concen: 49.233 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 63 Resp: 7904

Ion	Ratio	Lower	Upper
63	100		
65	30.2	22.9	34.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations
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Reviewed By :John Carlone 06/19/2025
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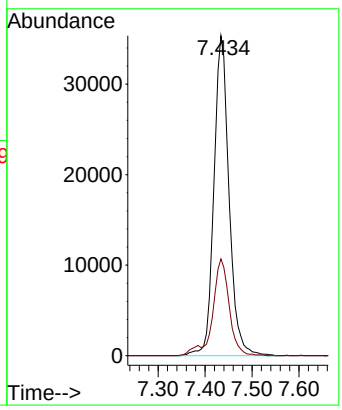
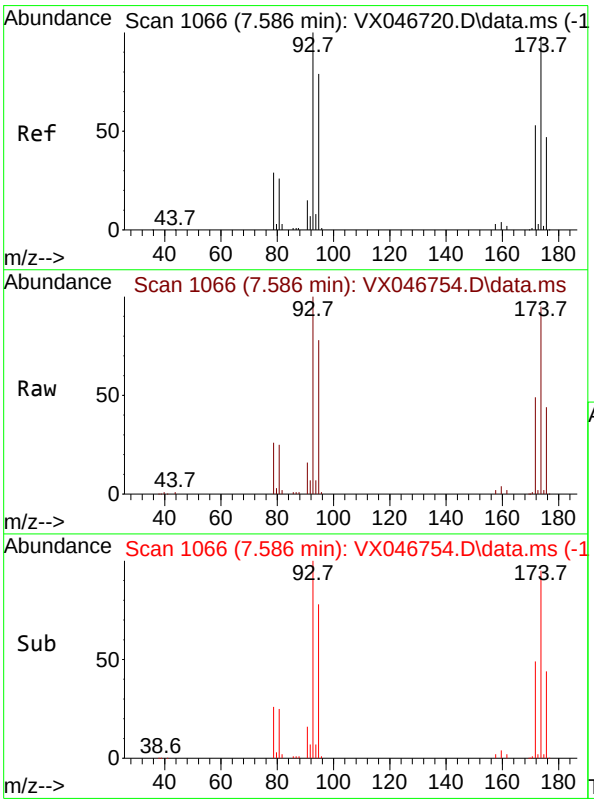
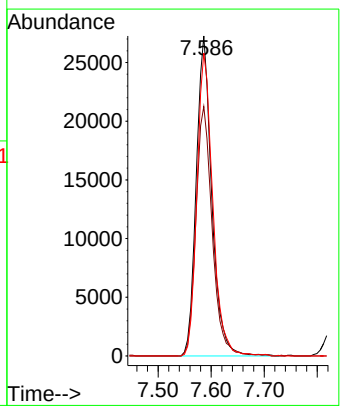


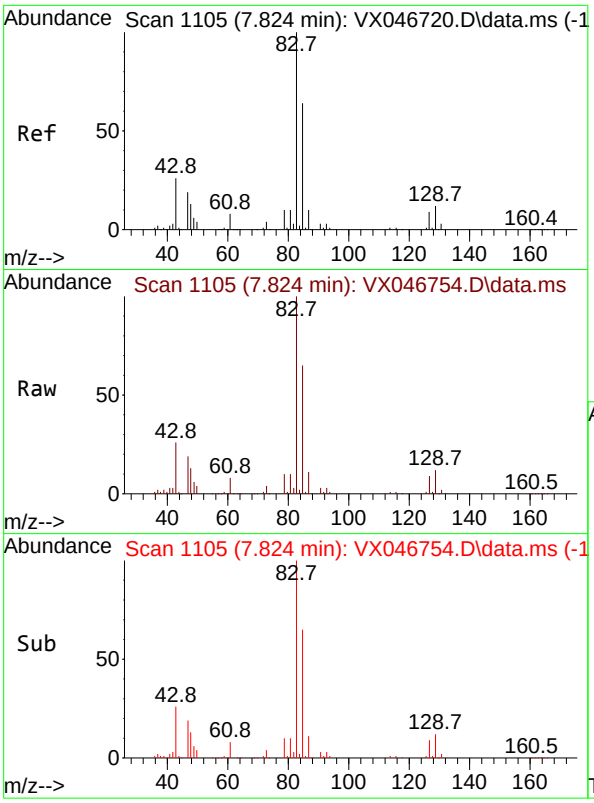


#46
Dibromomethane
Concen: 48.075 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 93 Resp: 55469

Ion	Ratio	Lower	Upper
93	100		
95	81.4	66.2	99.4
174	96.1	77.0	115.6

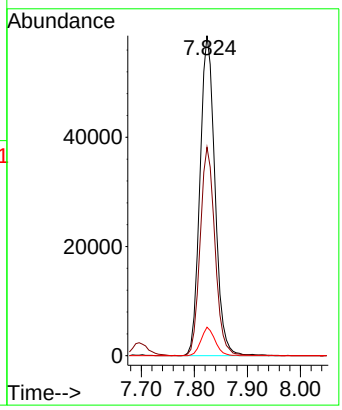




#47
Bromodichloromethane
Concen: 48.767 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 83 Resp: 11482

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.4	77.2
127	8.9	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
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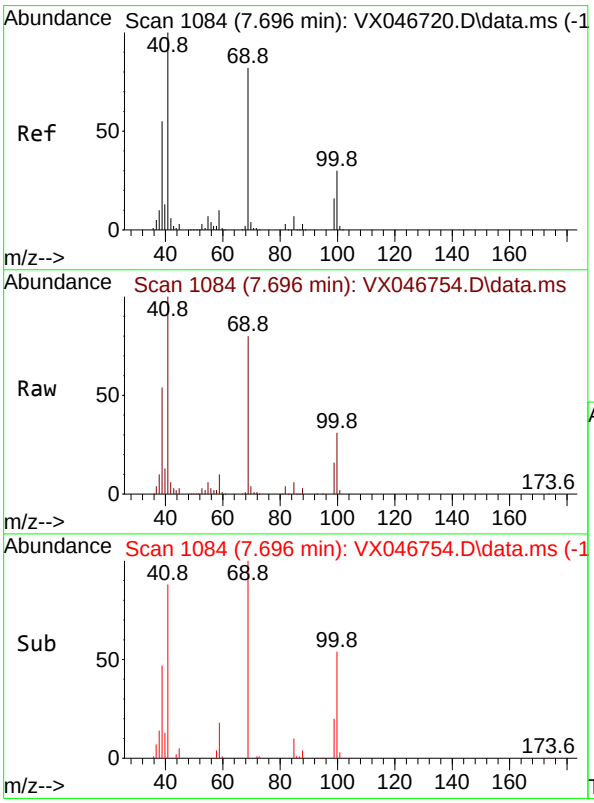
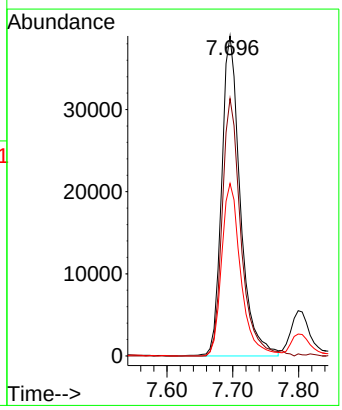
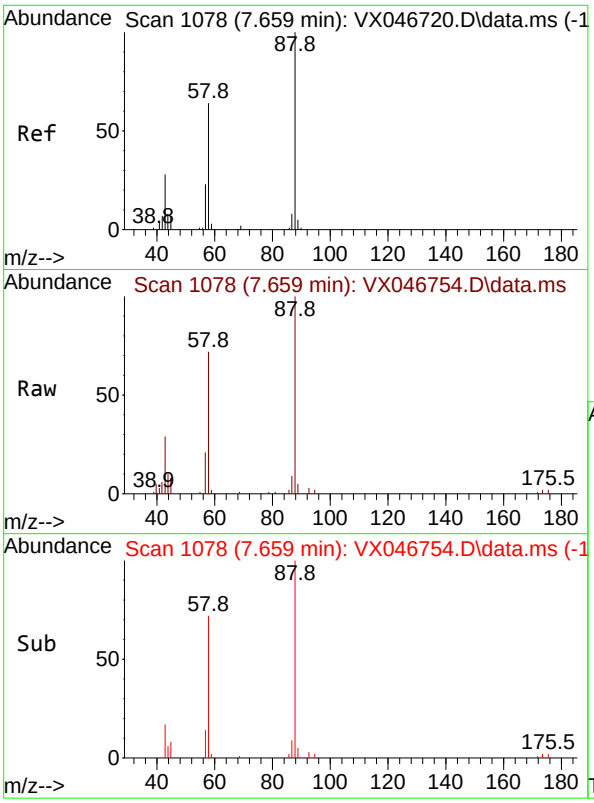


#48
Methyl methacrylate
Concen: 48.587 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 41 Resp: 77040

Ion	Ratio	Lower	Upper
41	100		
69	80.5	63.4	95.2
39	55.4	45.4	68.0





#49
1,4-Dioxane
Concen: 778.593 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 88 Resp: 1781

Ion	Ratio	Lower	Upper
88	100		
43	39.3	31.2	46.8
58	72.4	54.7	82.1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations
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Reviewed By :John Carlone 06/19/2025
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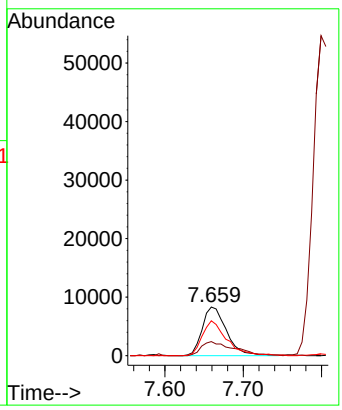
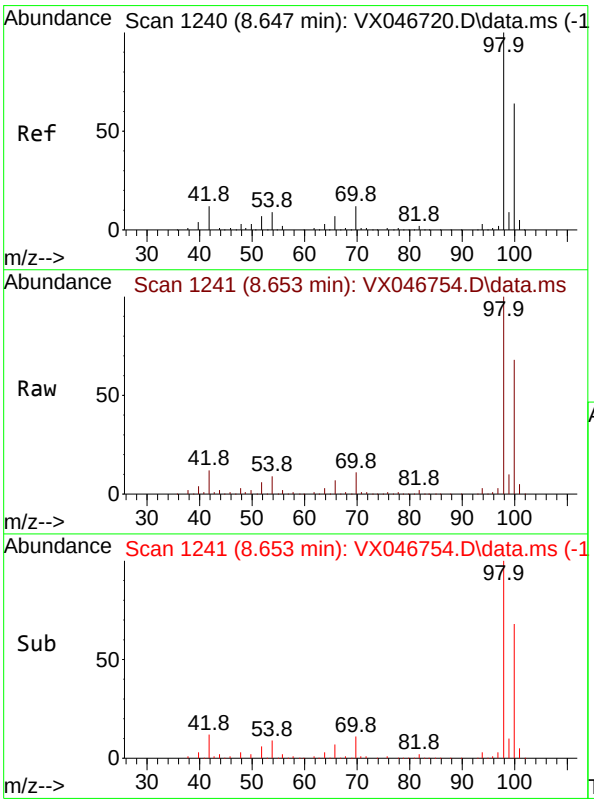
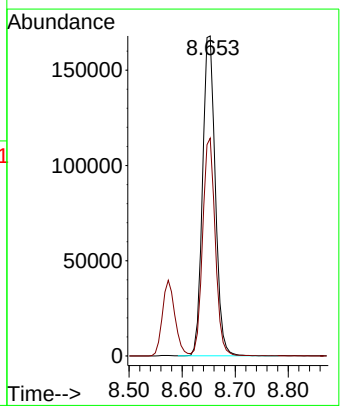


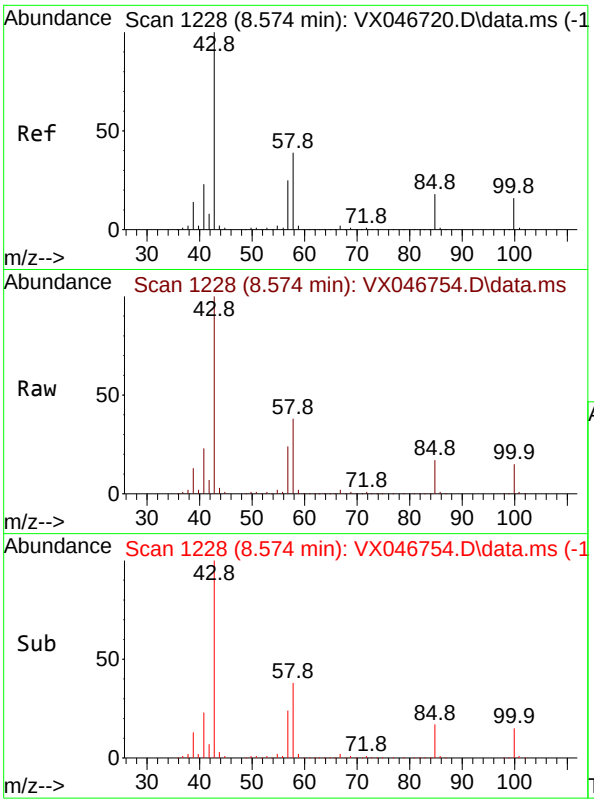


#50
Toluene-d8
Concen: 51.376 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 98 Resp: 279885

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 232.751 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 43 Resp: 43888

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.8	46.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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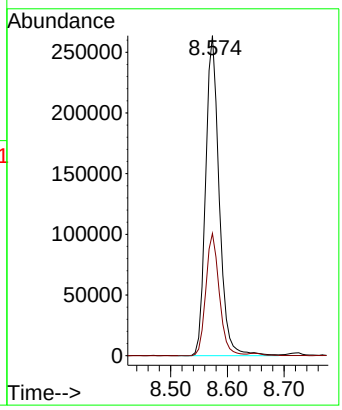
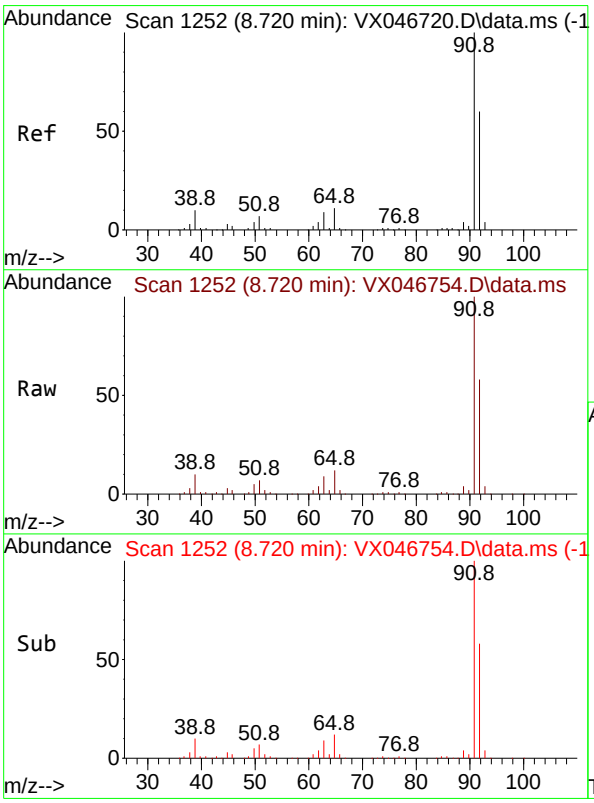
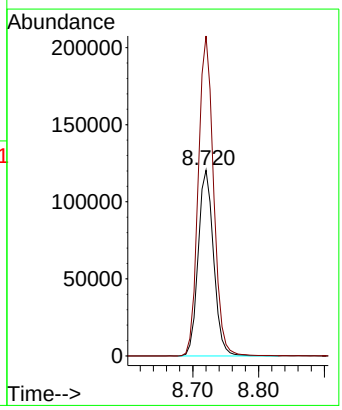


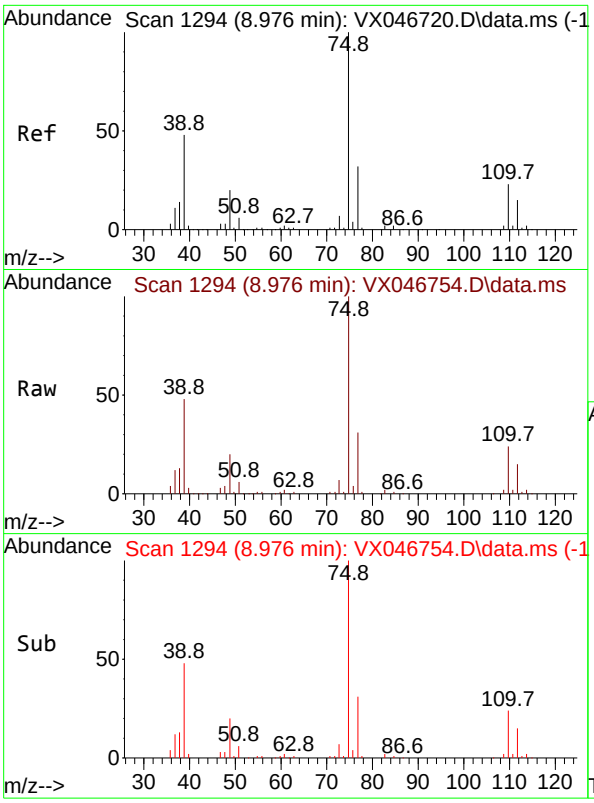


#52
Toluene
Concen: 48.803 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 92 Resp: 195988

Ion	Ratio	Lower	Upper
92	100		
91	171.6	134.8	202.2

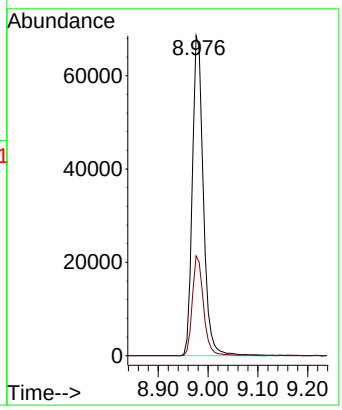




#53
t-1,3-Dichloropropene
Concen: 48.322 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 75 Resp: 10556

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
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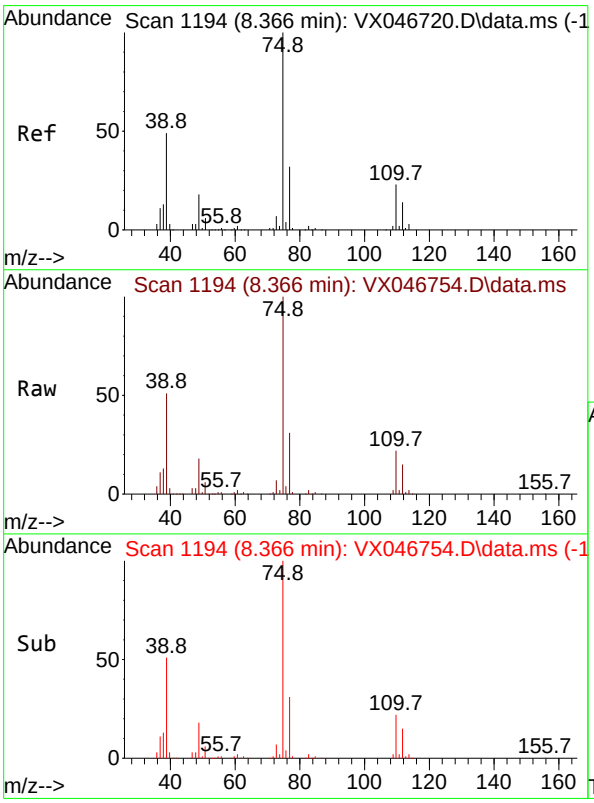
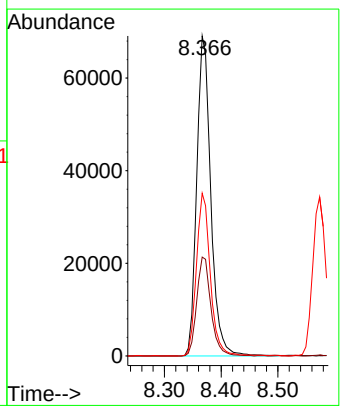
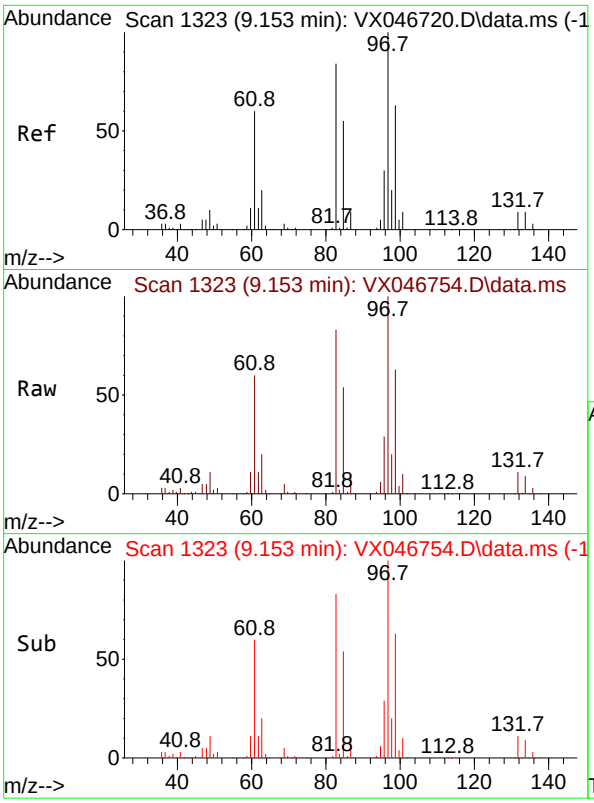


#54
cis-1,3-Dichloropropene
Concen: 48.004 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 75 Resp: 119051

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.3	37.9
39	50.2	39.2	58.8

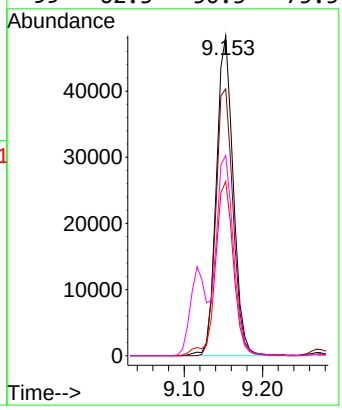




#55
1,1,2-Trichloroethane
Concen: 48.550 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 97 Resp: 7265

Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.2	100.8
85	54.4	44.1	66.1
99	62.3	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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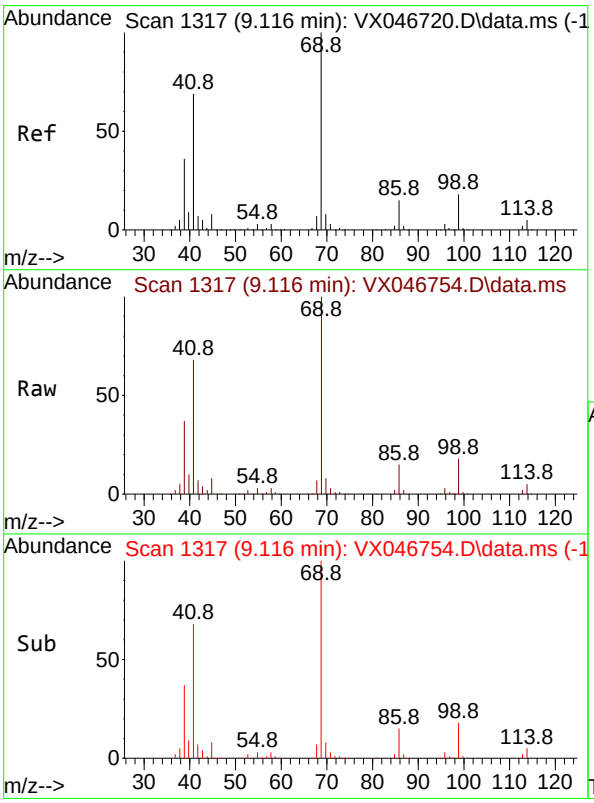
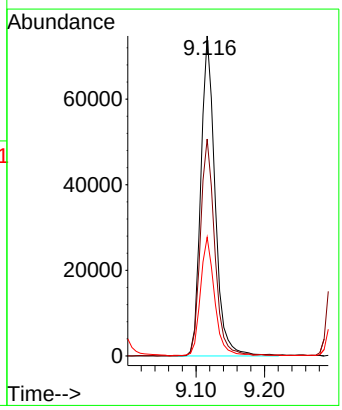
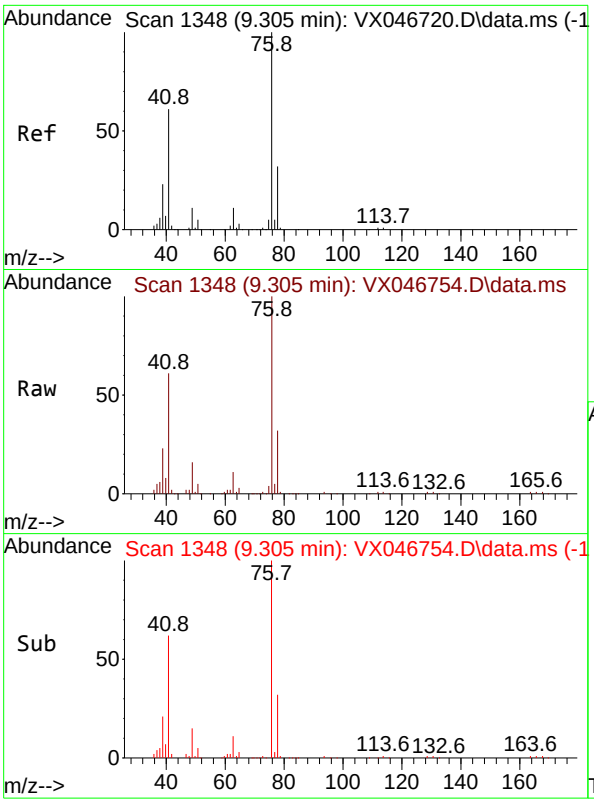


#56
Ethyl methacrylate
Concen: 48.989 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 69 Resp: 108226

Ion	Ratio	Lower	Upper
69	100		
41	69.2	55.4	83.2
39	37.3	29.7	44.5





#57
1,3-Dichloropropane
Concen: 49.000 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

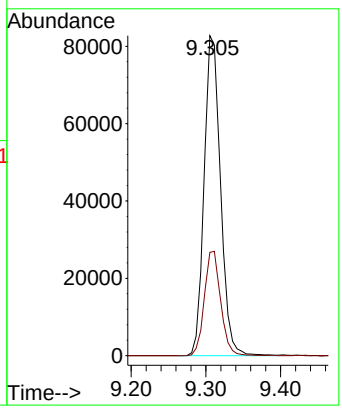
Tgt Ion: 76 Resp: 12628

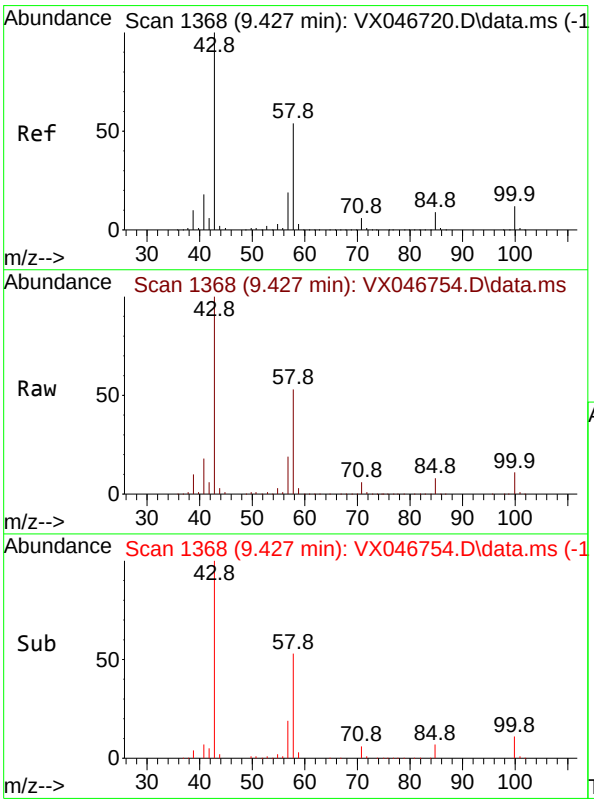
Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

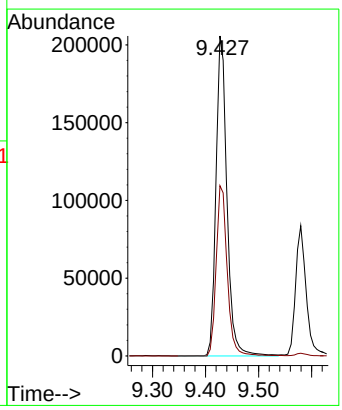


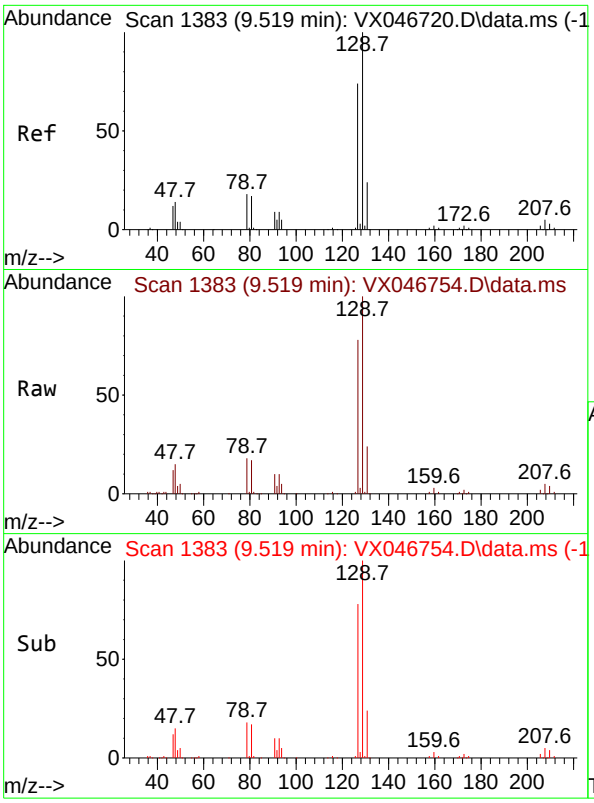


#59
2-Hexanone
Concen: 227.408 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 43 Resp: 296453

Ion	Ratio	Lower	Upper
43	100		
58	53.6	26.8	80.4

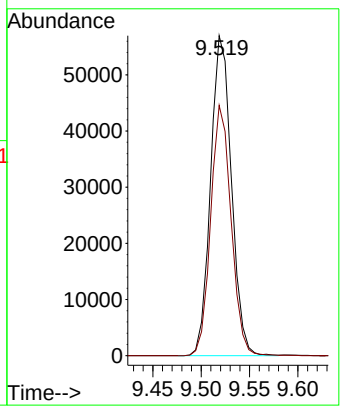




#60
Dibromochloromethane
Concen: 48.252 ug/l
RT: 9.519 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:129 Resp: 8510

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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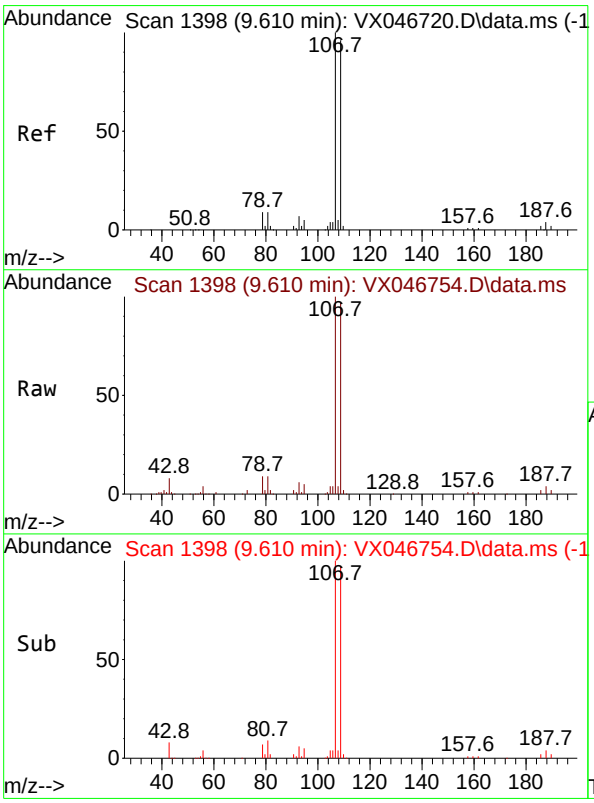
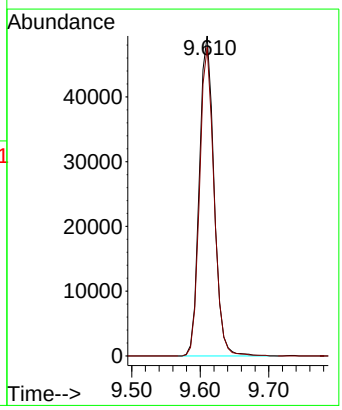
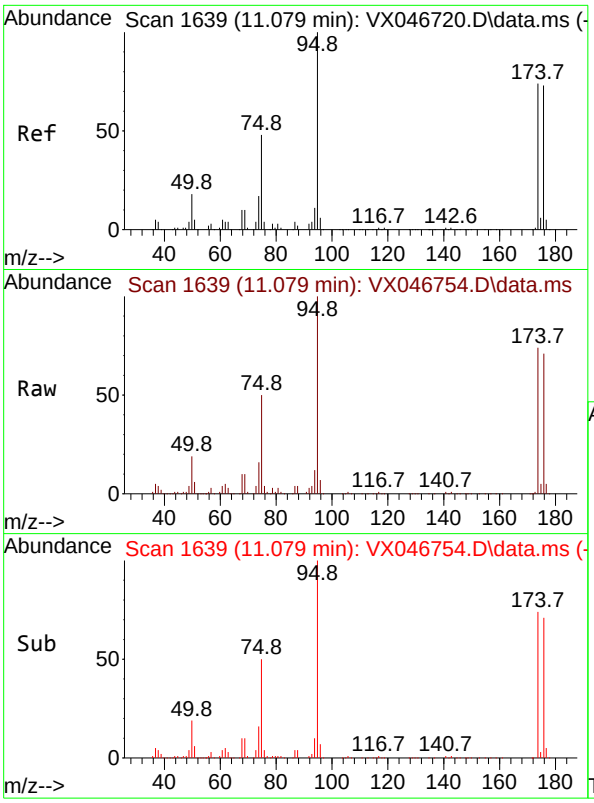


#61
1,2-Dibromoethane
Concen: 48.479 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:107 Resp: 73799

Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.8	113.6

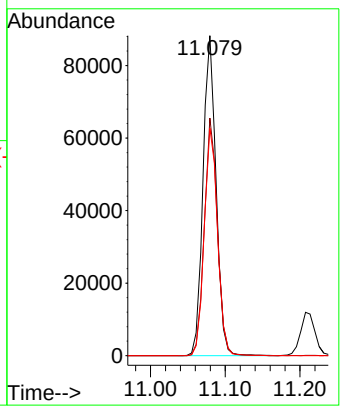




#62
4-Bromofluorobenzene
Concen: 52.509 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 95 Resp: 10663

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	150.4
176	72.6	0.0	145.0



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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Reviewed By :John Carlone 06/19/2025
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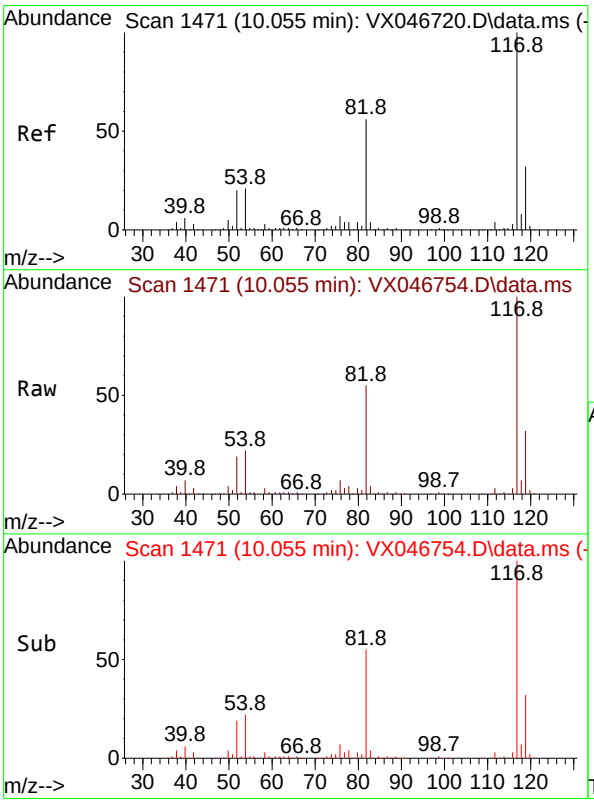
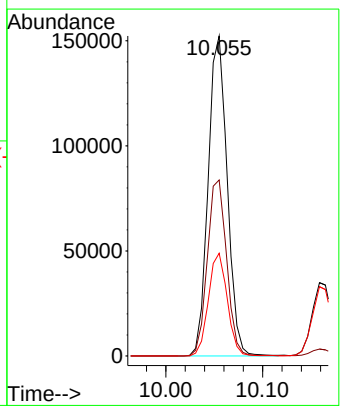
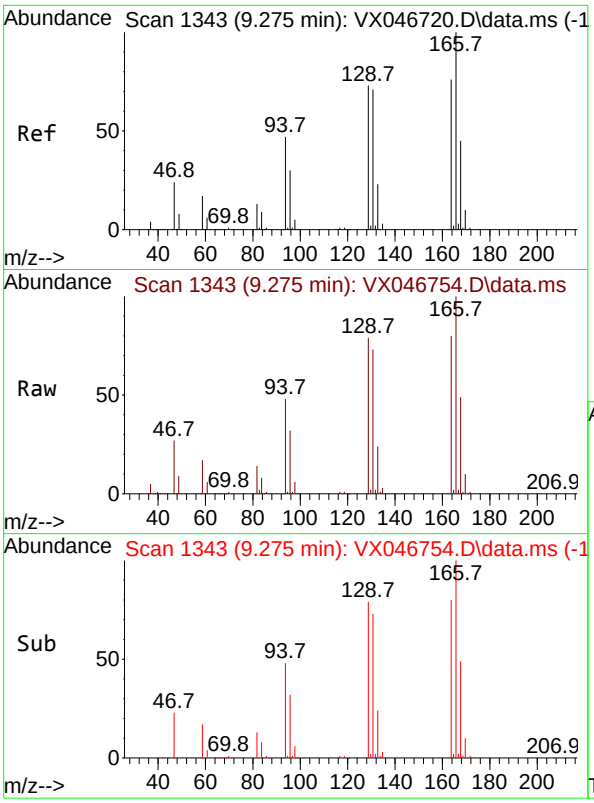


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:117 Resp: 208450

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	66.8
119	32.1	25.8	38.8

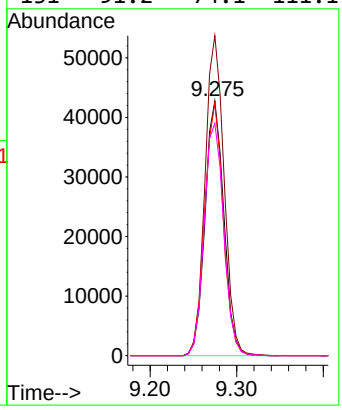




#64
Tetrachloroethene
Concen: 44.698 ug/l
RT: 9.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:164 Resp: 6455

Ion	Ratio	Lower	Upper
164	100		
166	125.6	104.6	157.0
129	99.2	76.3	114.5
131	91.2	74.1	111.1



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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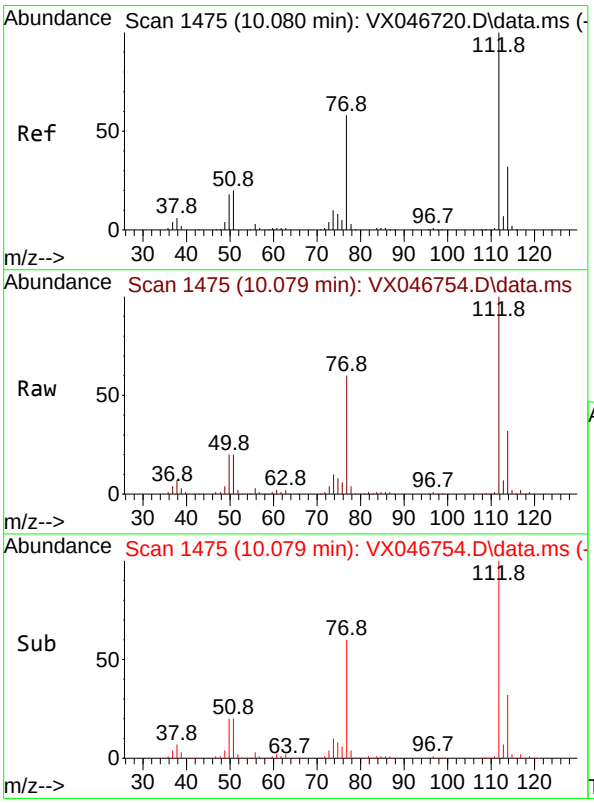
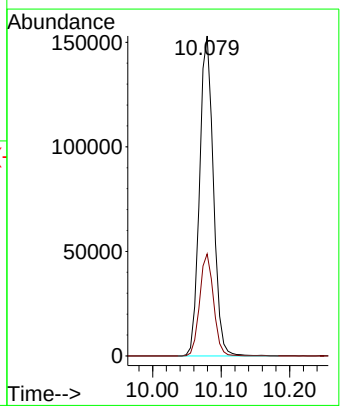
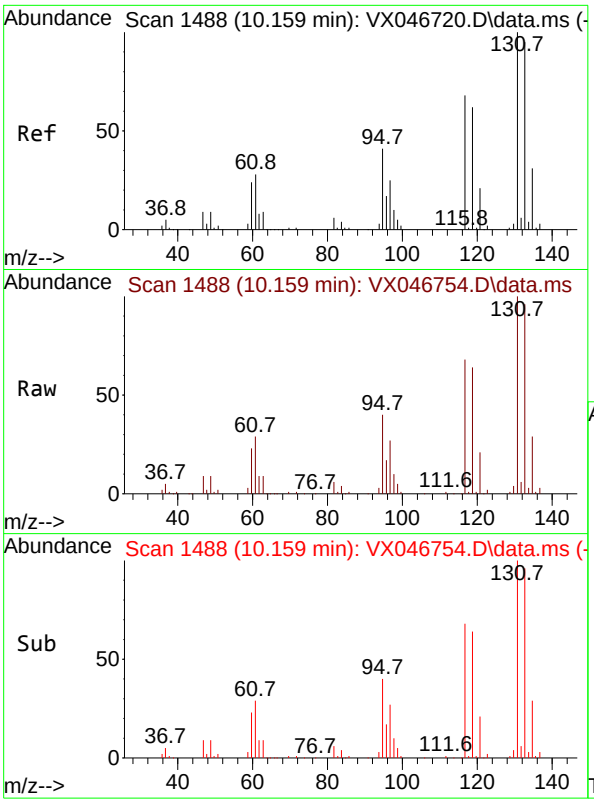


#65
Chlorobenzene
Concen: 46.805 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:112 Resp: 215369

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3





#66
1,1,1,2-Tetrachloroethane
Concen: 47.316 ug/l
RT: 10.159 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:131 Resp: 7317

Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.3	141.8
119	64.6	32.1	96.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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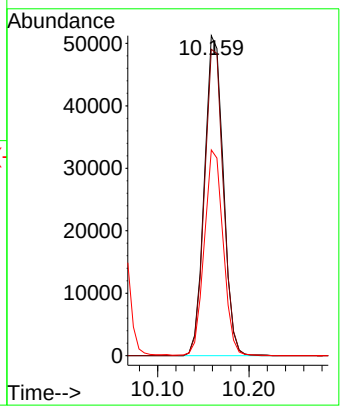
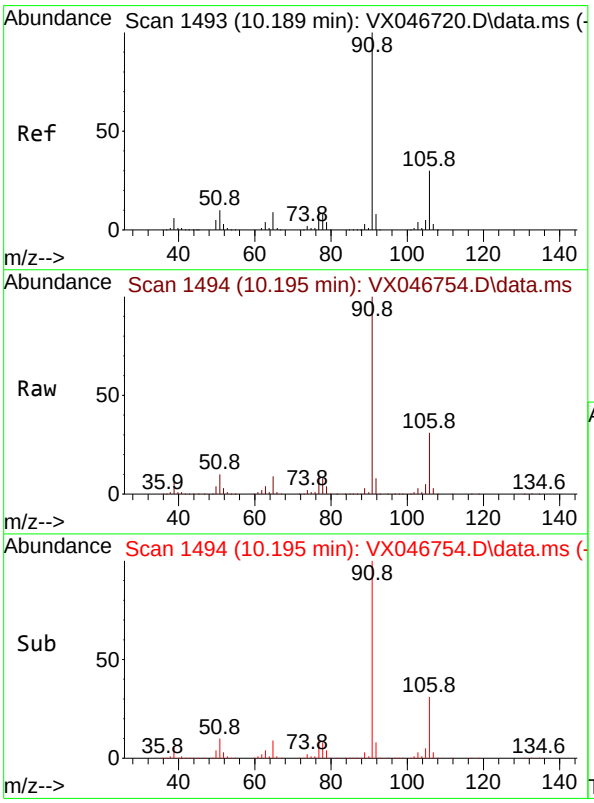
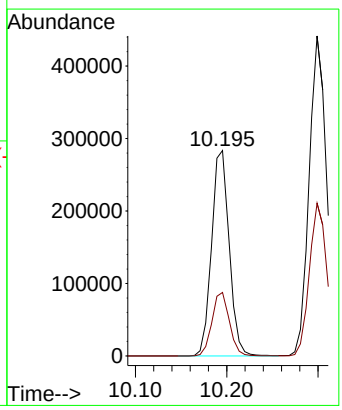


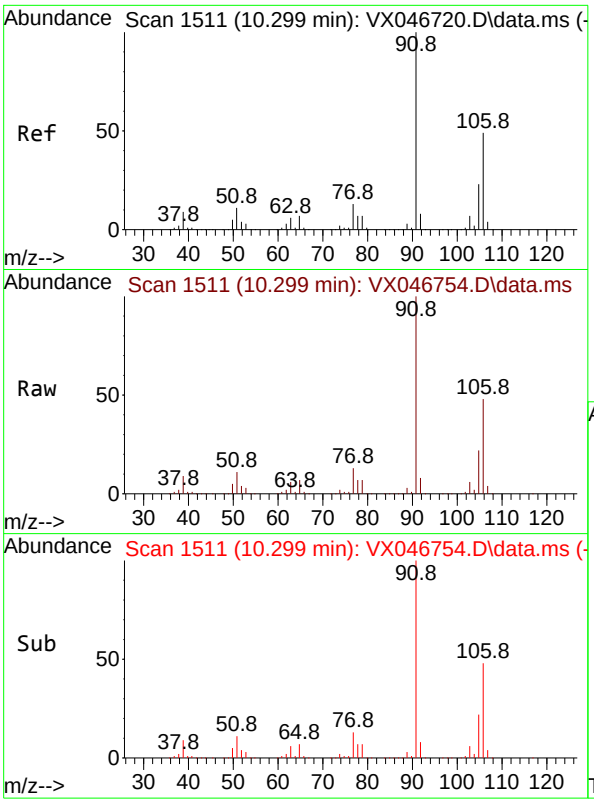


#67
Ethyl Benzene
Concen: 47.122 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 91 Resp: 378857

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.2	36.2





#68
m/p-Xylenes
Concen: 94.966 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

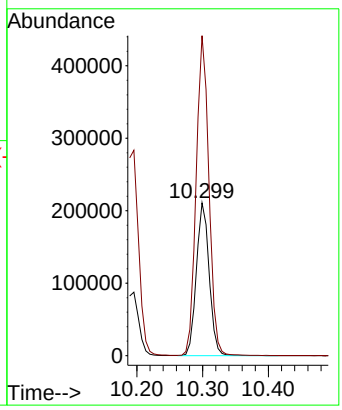
Tgt Ion:106 Resp: 28449

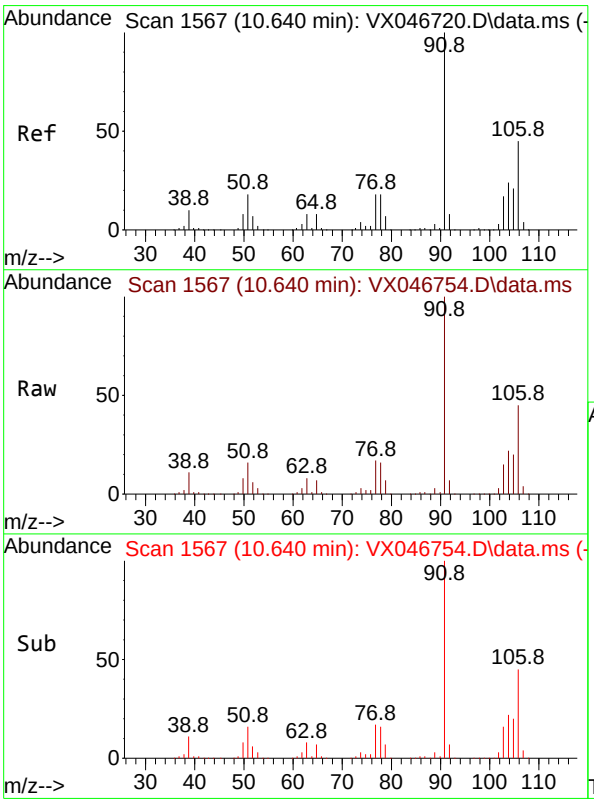
Ion	Ratio	Lower	Upper
106	100		
91	208.4	164.8	247.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

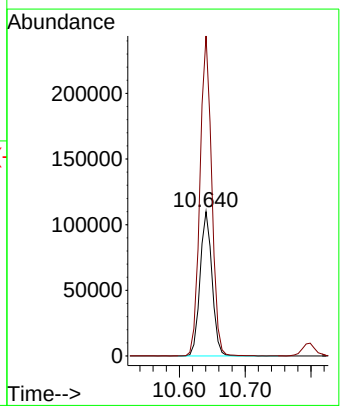


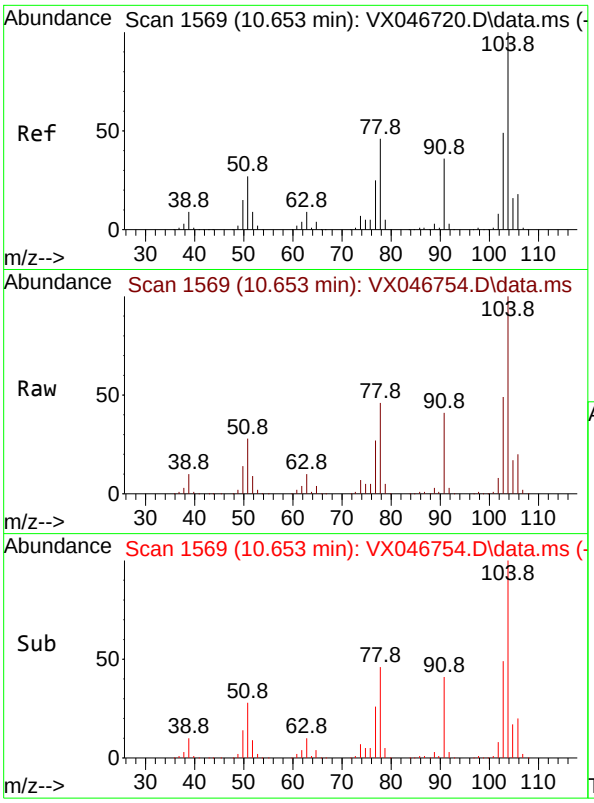


#69
o-Xylene
Concen: 49.257 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:106 Resp: 138291

Ion	Ratio	Lower	Upper
106	100		
91	218.4	111.3	333.9





#70
Styrene
Concen: 48.609 ug/l
RT: 10.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:104 Resp: 23882

Ion	Ratio	Lower	Upper
104	100		
78	50.6	41.4	62.2
103	53.5	43.1	64.7

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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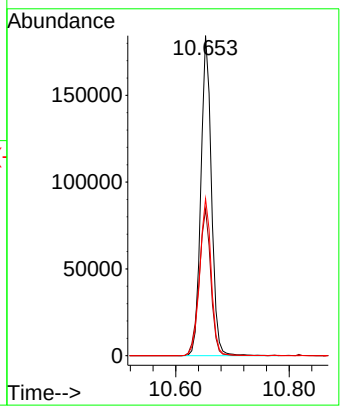
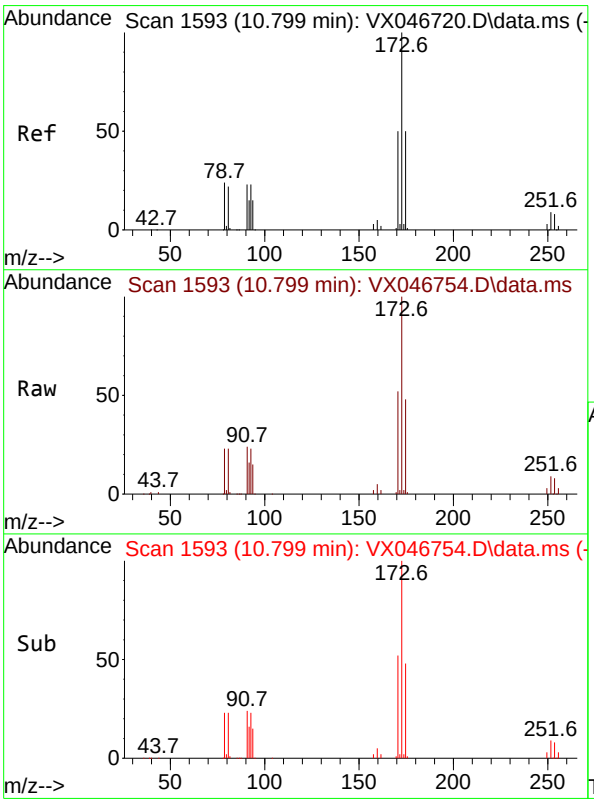
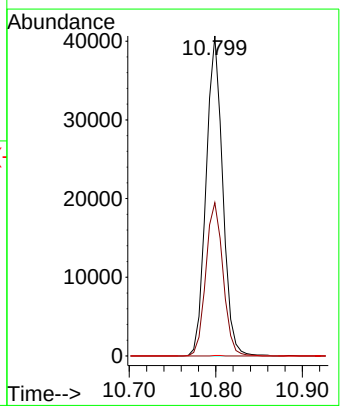


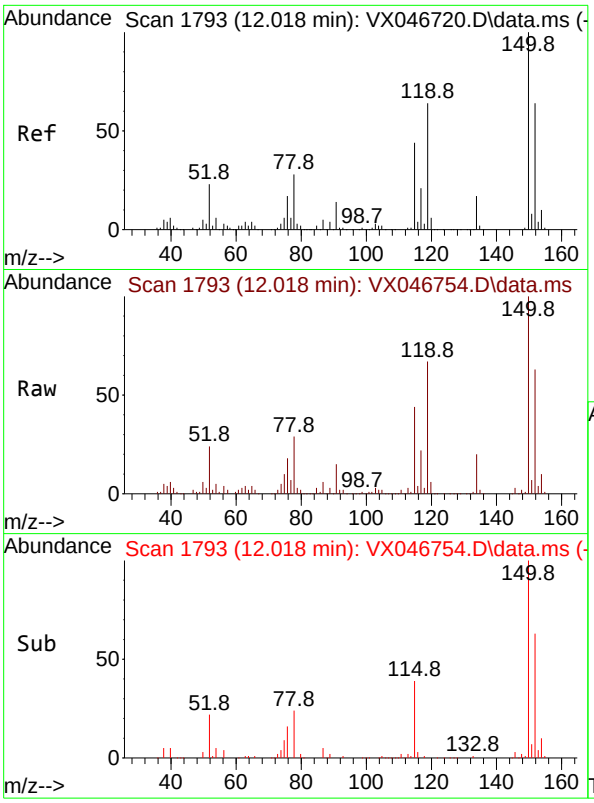


#71
Bromoform
Concen: 45.930 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:173 Resp: 54094

Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.1	72.4
254	0.1	0.1	0.1#

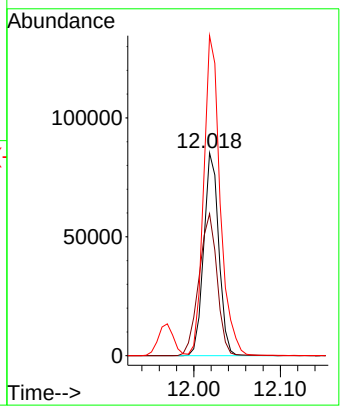




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:152 Resp: 10280

Ion	Ratio	Lower	Upper
152	100		
115	84.5	43.2	129.6
150	173.1	0.0	346.8



Instrument :
MSVOA_X
ClientSampleId :
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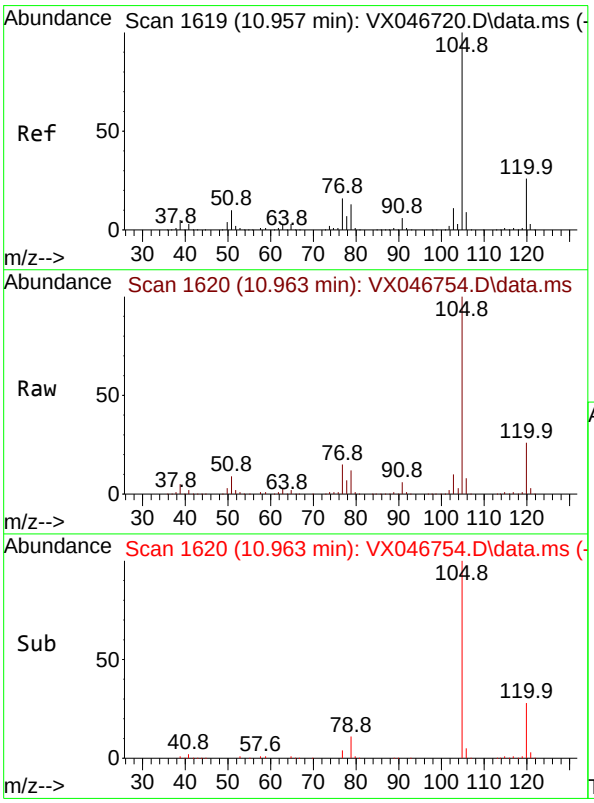
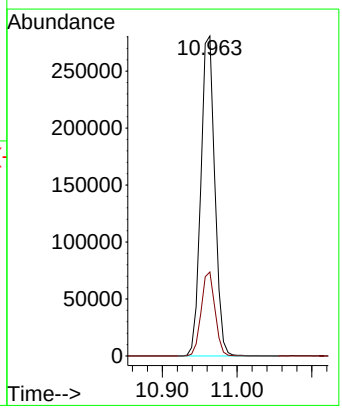
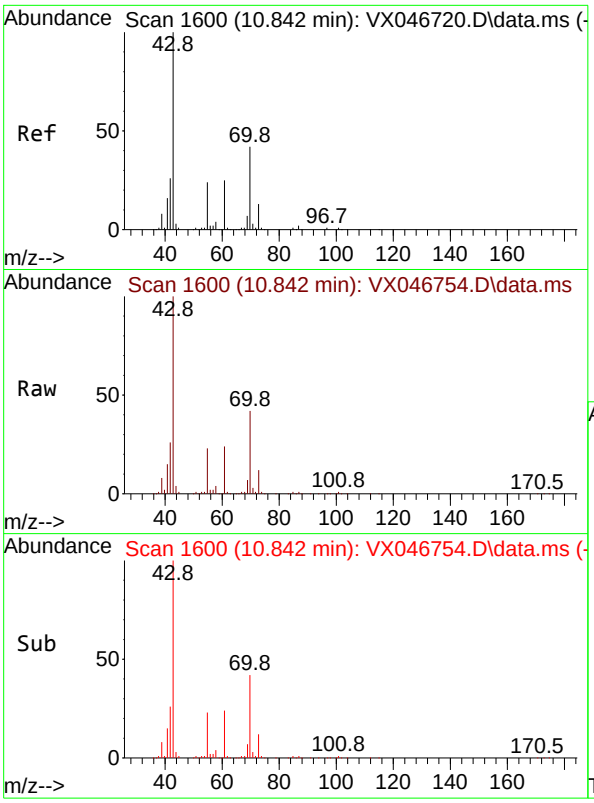


#73
Isopropylbenzene
Concen: 48.101 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:105 Resp: 364190

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	39.0

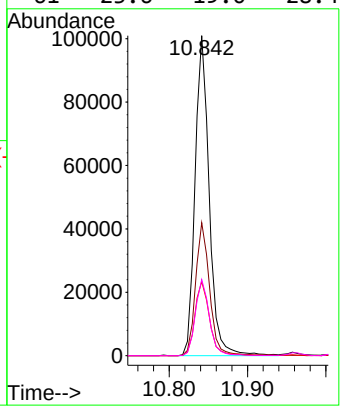




#74
N-amyl acetate
Concen: 44.281 ug/l
RT: 10.842 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 43 Resp: 12702

Ion	Ratio	Lower	Upper
43	100		
70	41.2	33.4	50.0
55	24.1	19.1	28.7
61	23.6	19.0	28.4



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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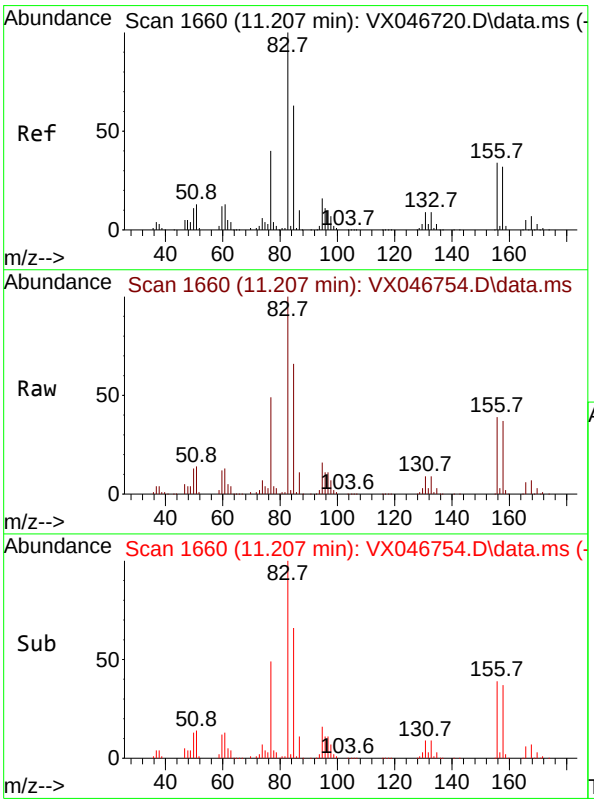
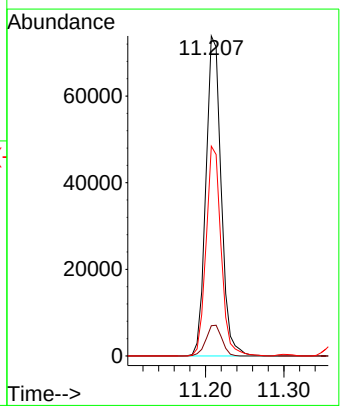
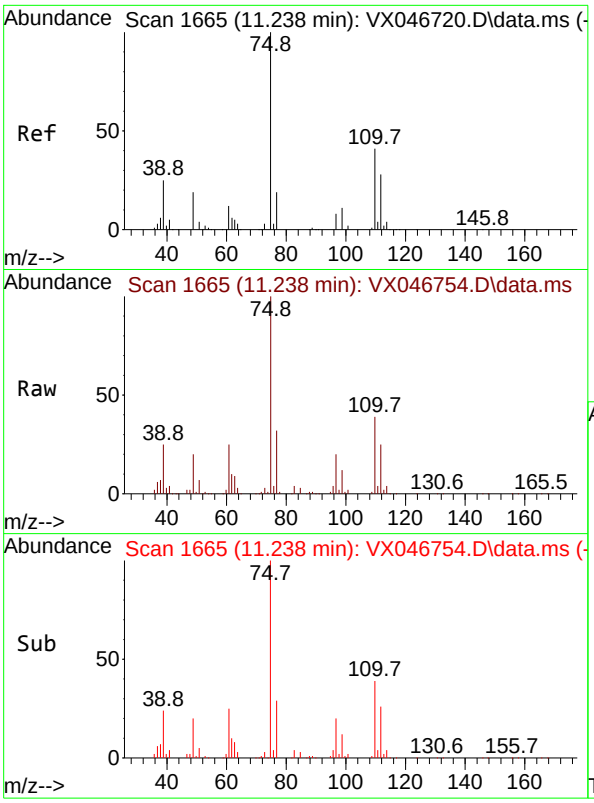


#75
1,1,2,2-Tetrachloroethane
Concen: 47.113 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 83 Resp: 99601

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	64.4	32.0	96.0





#76
1,2,3-Trichloropropane
Concen: 48.197 ug/l m
RT: 11.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 75 Resp: 9074

Ion	Ratio	Lower	Upper
75	100		
77	37.0	18.5	55.5

Instrument :
MSVOA_X
ClientSampleId :
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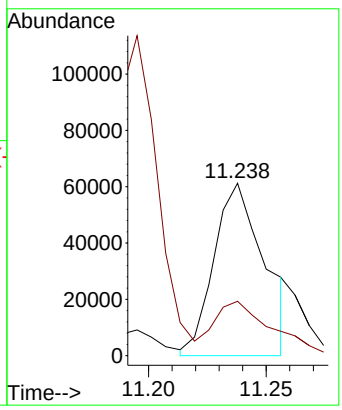
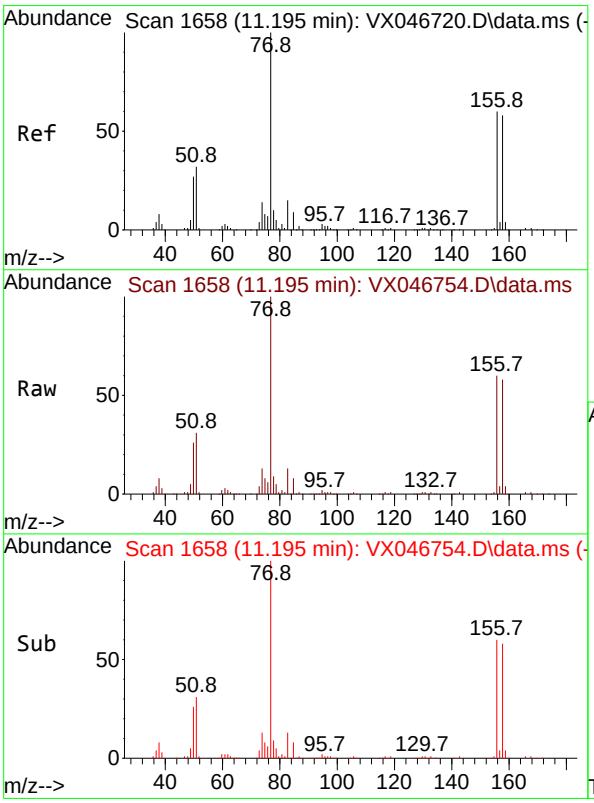
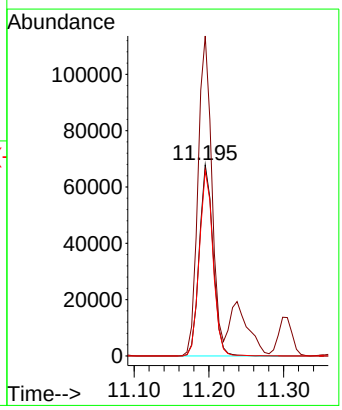


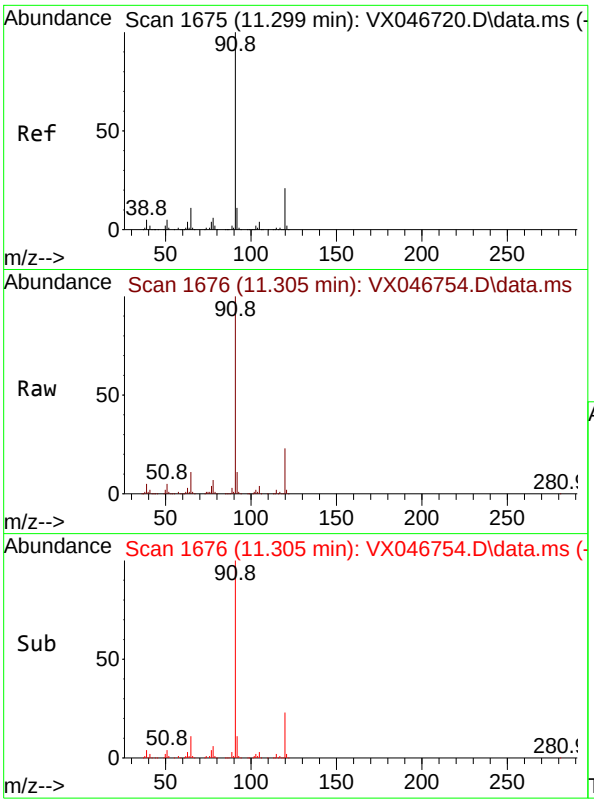


#77
Bromobenzene
Concen: 47.653 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:156 Resp: 86823

Ion	Ratio	Lower	Upper
156	100		
77	168.3	82.8	248.6
158	97.0	47.6	142.9





#78
n-propylbenzene
Concen: 47.971 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 91 Resp: 43140

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.4	34.1

Instrument :
MSVOA_X
ClientSampleId :
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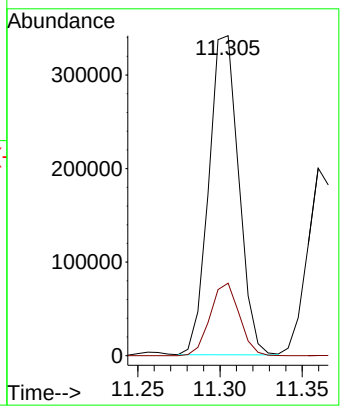
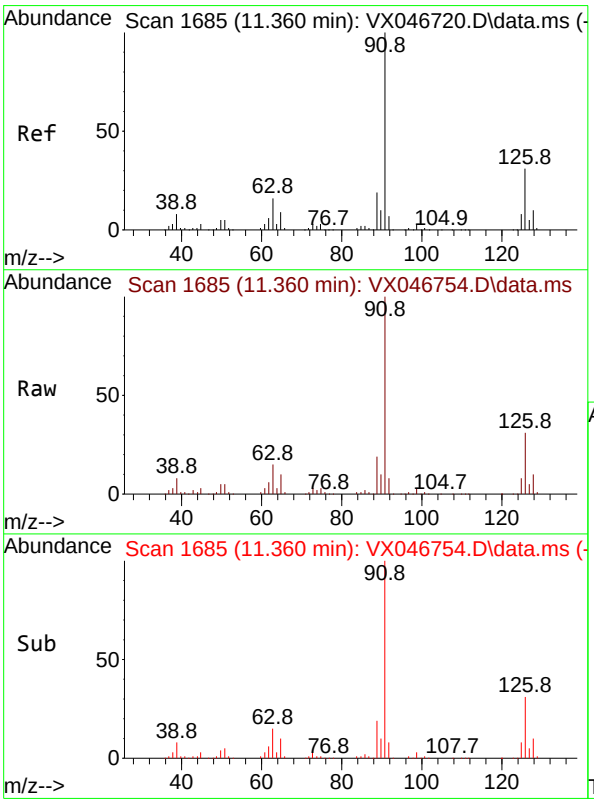
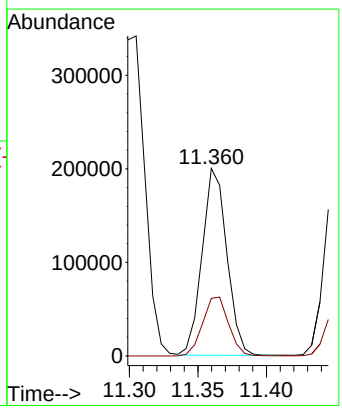


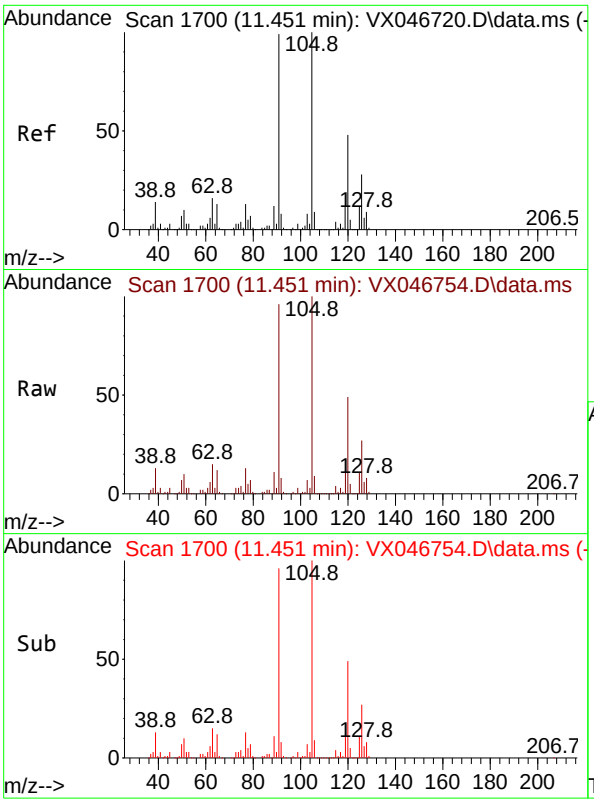


#79
2-Chlorotoluene
Concen: 46.774 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 91 Resp: 251143

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.6	49.7





#80
1,3,5-Trimethylbenzene
Concen: 47.623 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:105 Resp: 29630

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.1	72.2

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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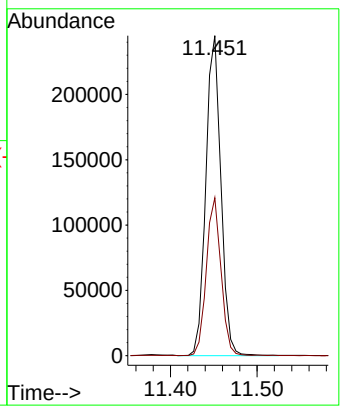
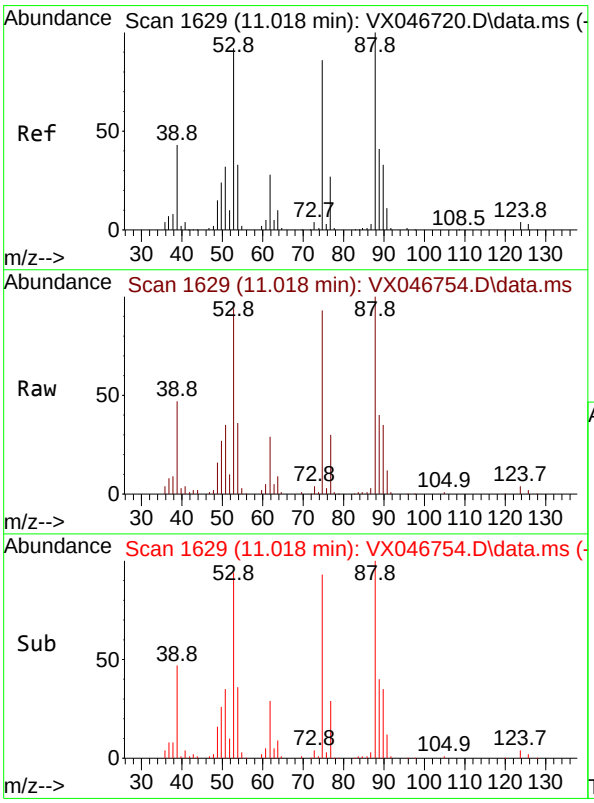
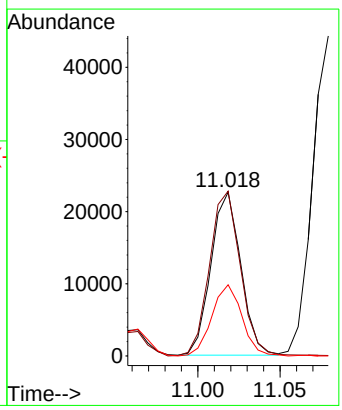


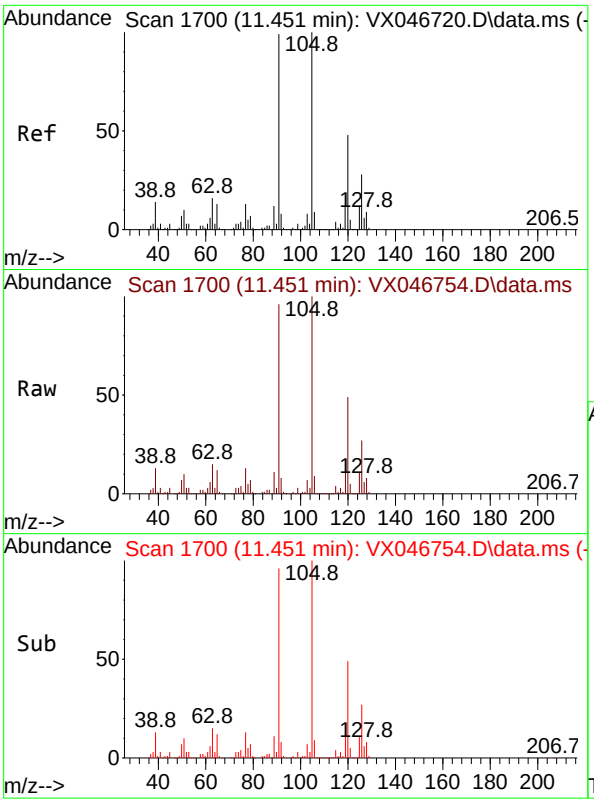


#81
trans-1,4-Dichloro-2-butene
Concen: 42.782 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 75 Resp: 28498

Ion	Ratio	Lower	Upper
75	100		
53	105.2	86.8	130.2
89	44.3	36.9	55.3





#82
4-Chlorotoluene
Concen: 47.107 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 91 Resp: 29518

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.4	43.2

Instrument :
MSVOA_X
ClientSampleId :
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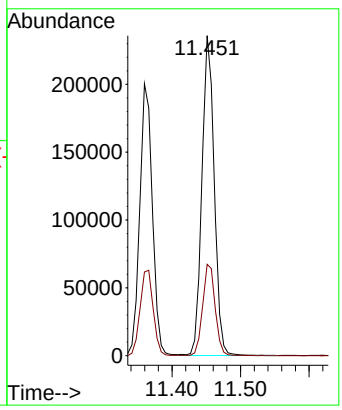
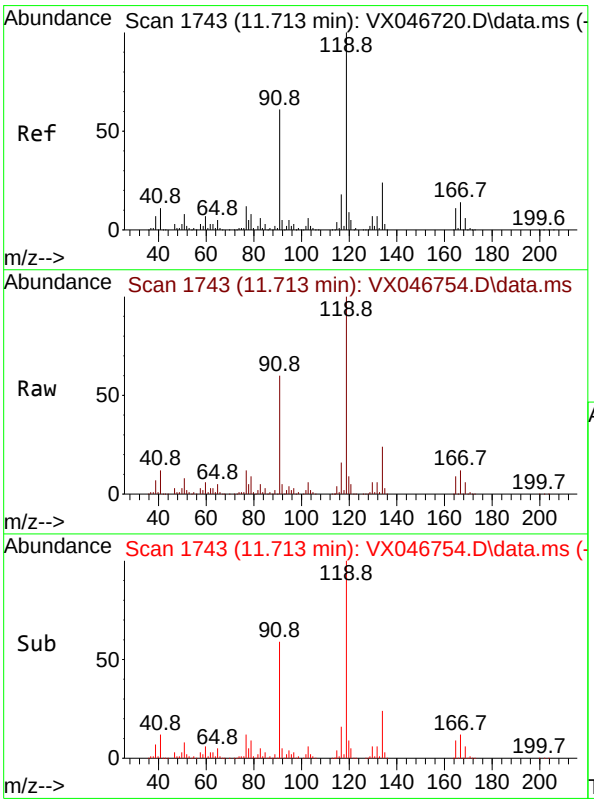
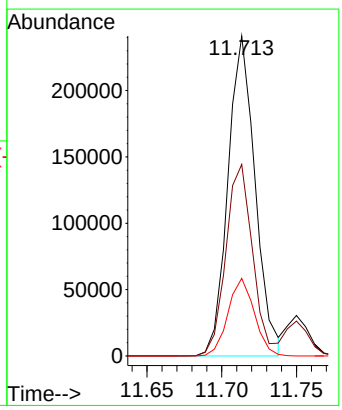


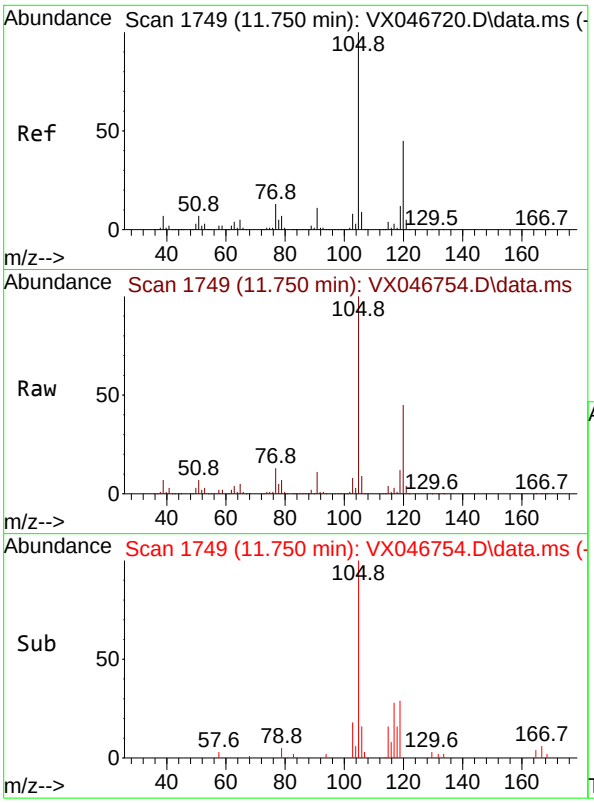


#83
tert-Butylbenzene
Concen: 47.460 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:119 Resp: 305236

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.5	88.6
134	23.5	11.7	35.0





#84
1,2,4-Trimethylbenzene
Concen: 47.732 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:105 Resp: 29837

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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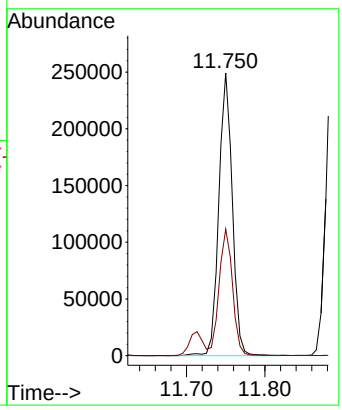
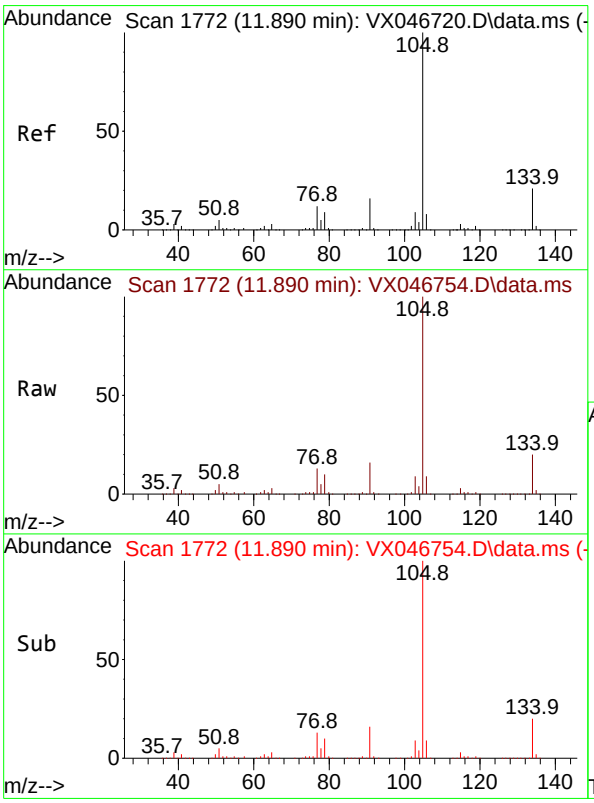
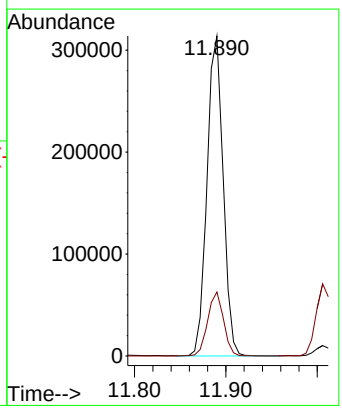


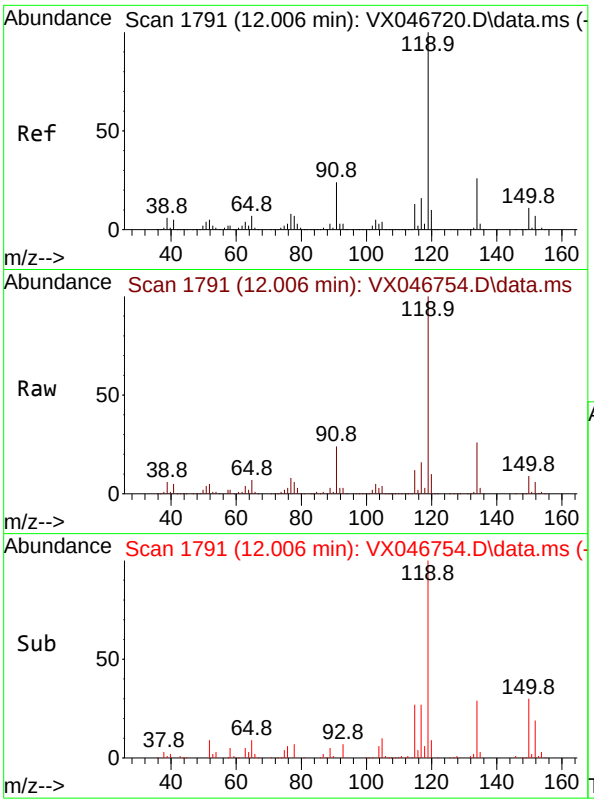


#85
sec-Butylbenzene
Concen: 47.347 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:105 Resp: 384840

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4

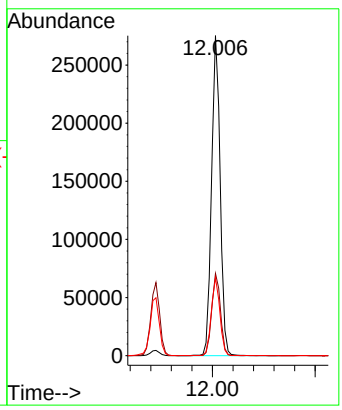




#86
p-Isopropyltoluene
Concen: 46.646 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:119 Resp: 31989

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	24.4	12.3	36.9



Instrument :
MSVOA_X
ClientSampleId :
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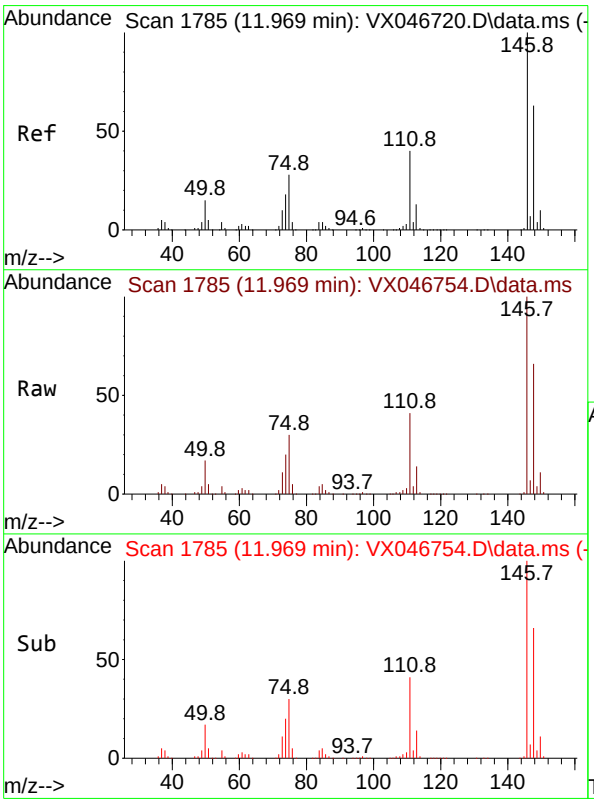
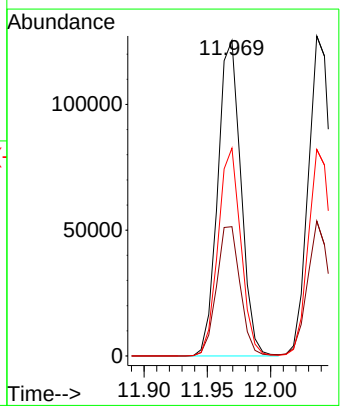
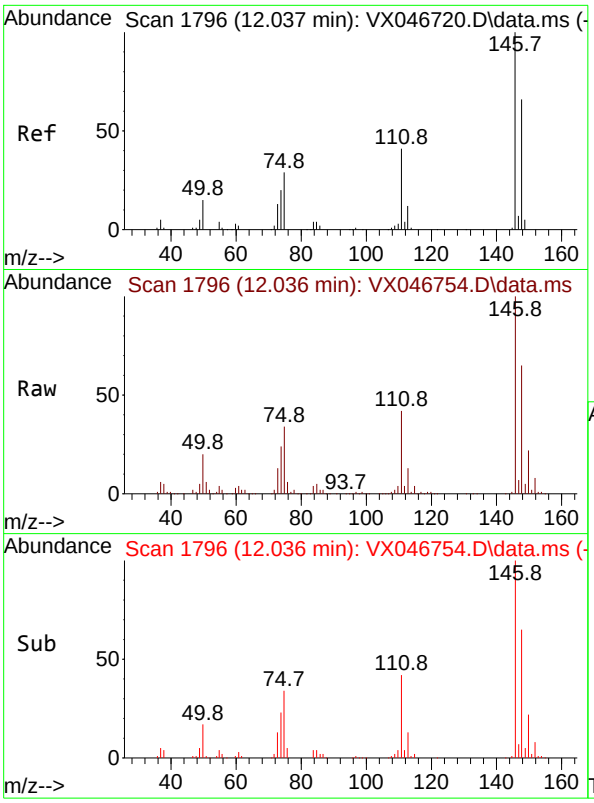


#87
1,3-Dichlorobenzene
Concen: 44.932 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:146 Resp: 159621

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.8
148	64.7	31.6	94.8

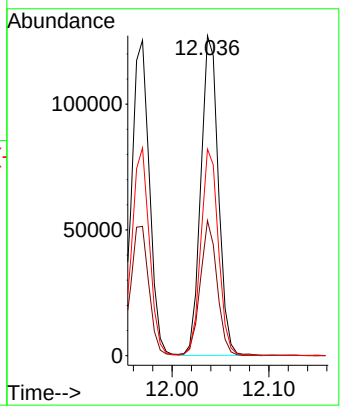




#88
1,4-Dichlorobenzene
Concen: 43.882 ug/l
RT: 12.036 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:146 Resp: 16012

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	64.6	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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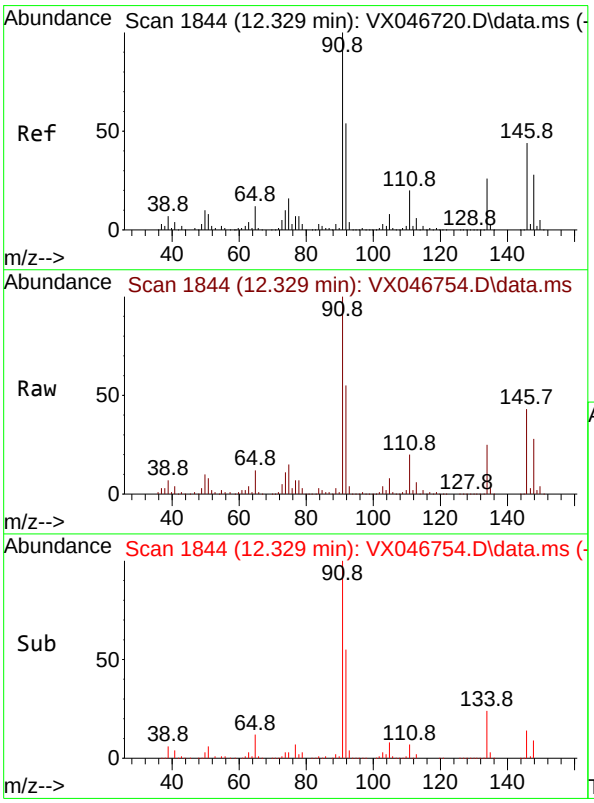
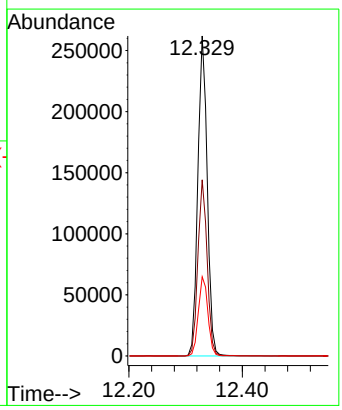
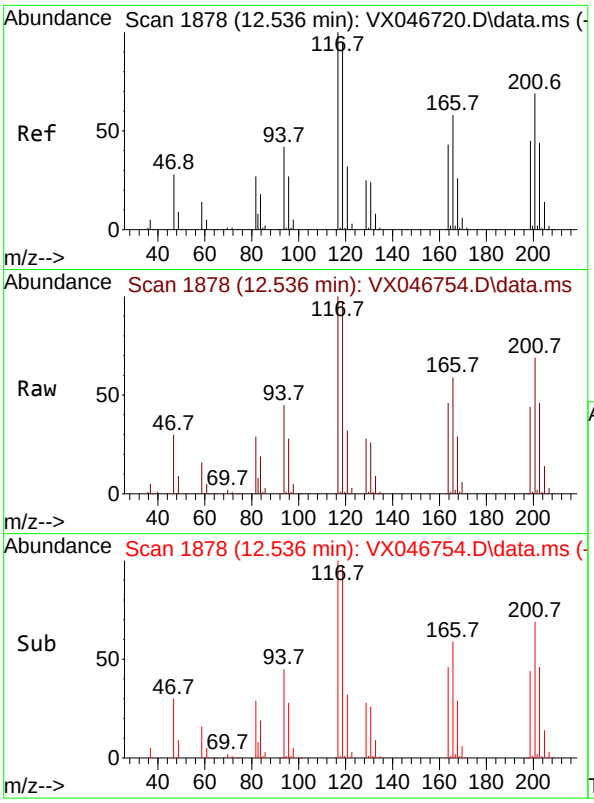


#89
n-Butylbenzene
Concen: 46.228 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 91 Resp: 301016

Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.3
134	25.2	12.9	38.6





#90
Hexachloroethane
Concen: 45.931 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:117 Resp: 5516

Ion	Ratio	Lower	Upper
117	100		
201	70.7	34.4	103.3

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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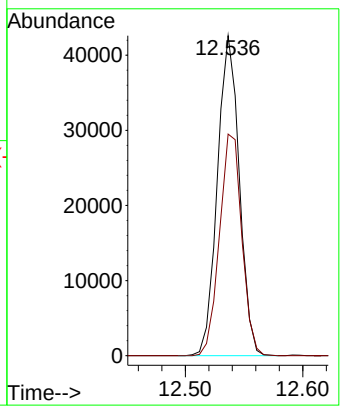
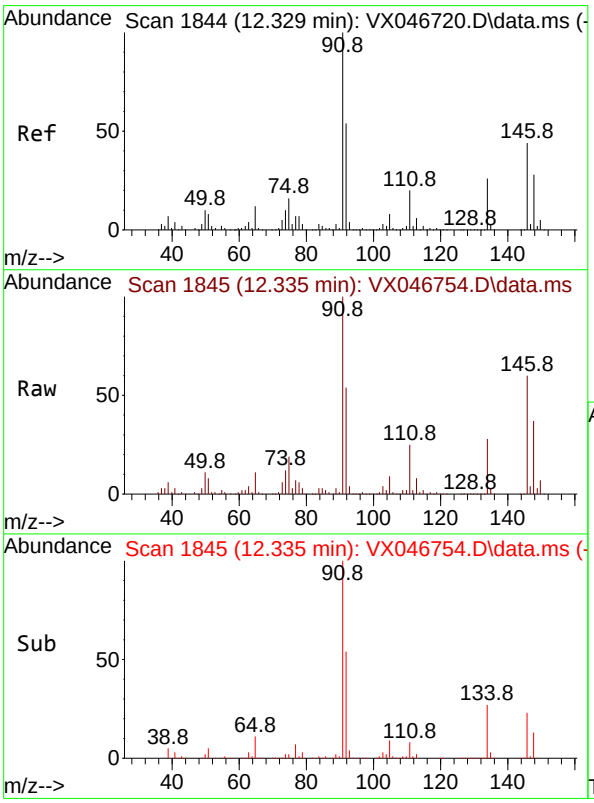
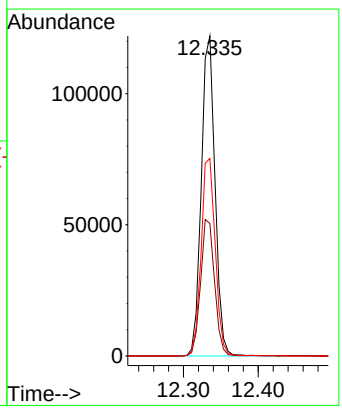


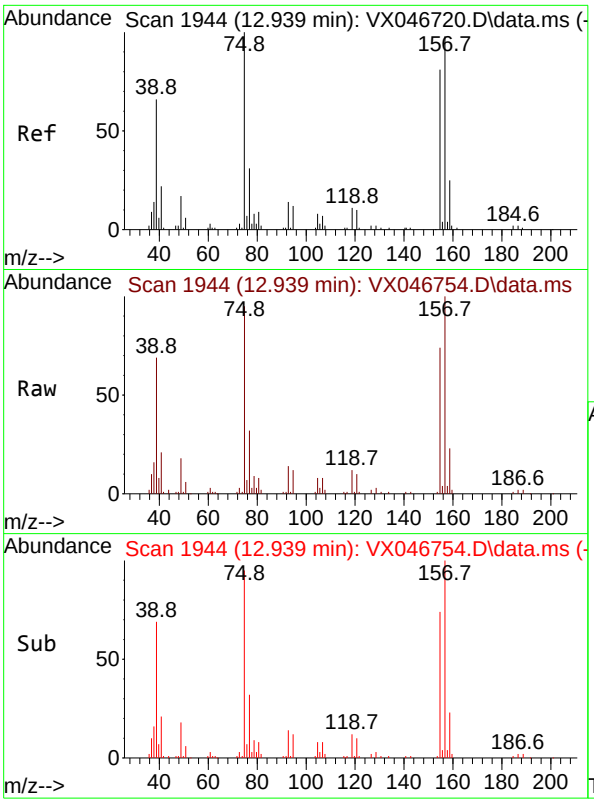


#91
1,2-Dichlorobenzene
Concen: 46.876 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:146 Resp: 155619

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.7	65.1
148	63.4	32.0	96.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 44.327 ug/l
RT: 12.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 75 Resp: 1850

Ion	Ratio	Lower	Upper
75	100		
155	82.9	41.9	125.7
157	108.4	51.4	154.3

Instrument :
MSVOA_X
ClientSampleId :
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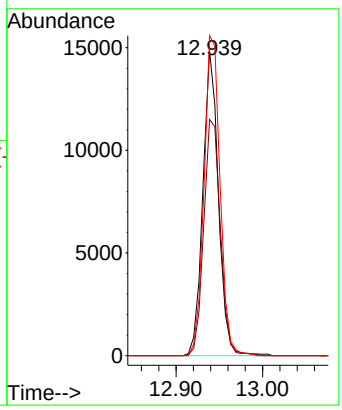
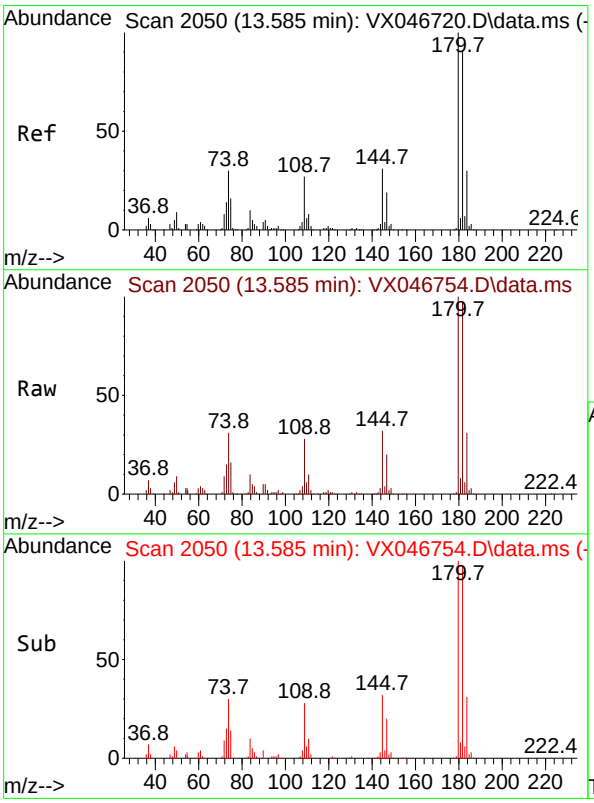
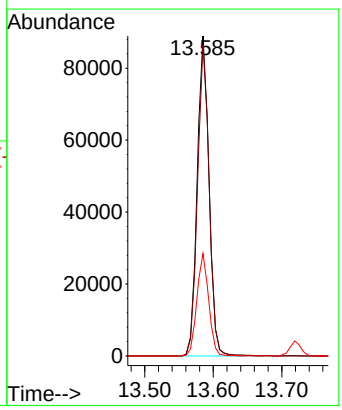


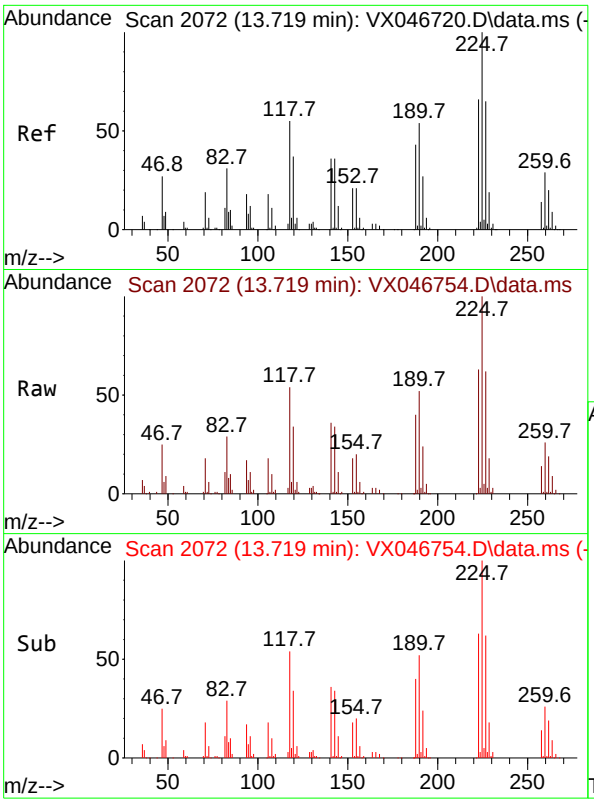


#93
1,2,4-Trichlorobenzene
Concen: 45.385 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:180 Resp: 107118

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.7	140.1
145	31.8	15.8	47.4

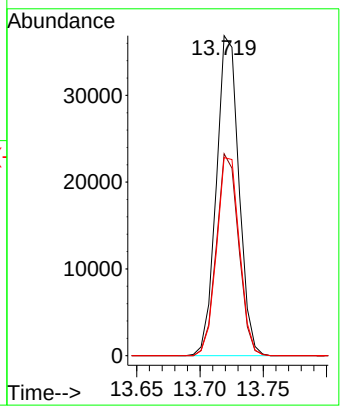




#94
Hexachlorobutadiene
Concen: 45.870 ug/l
RT: 13.719 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:225 Resp: 4554

Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.5	97.5
227	63.0	32.2	96.6



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

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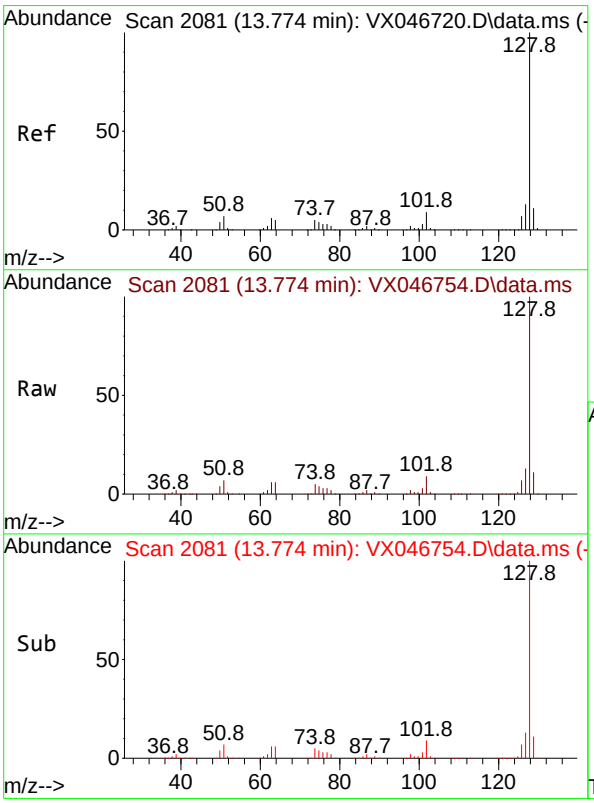
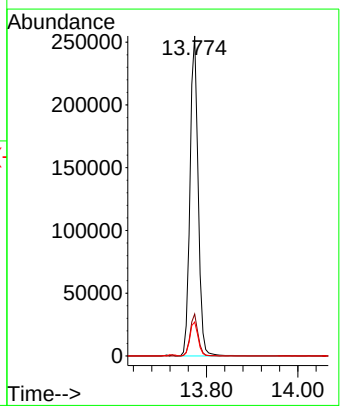
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

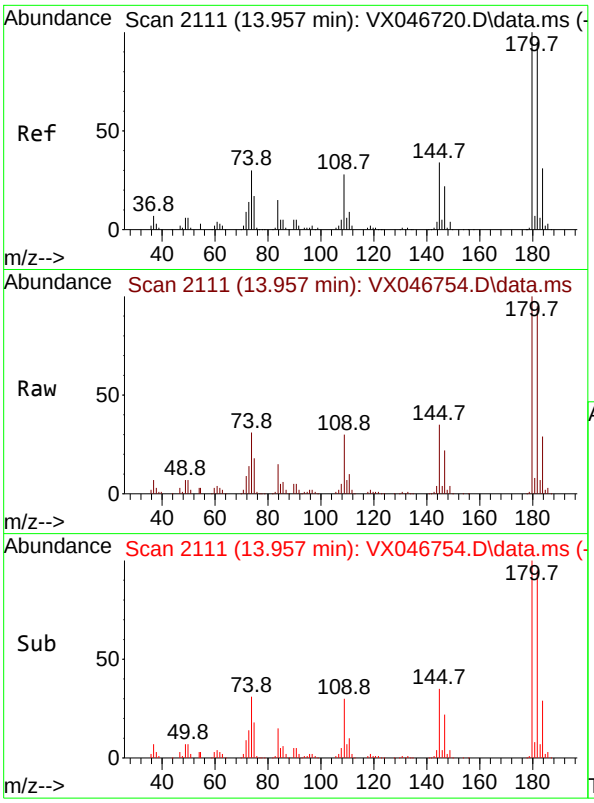


#95
Naphthalene
Concen: 46.868 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:128 Resp: 315148

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.7	8.7	13.1

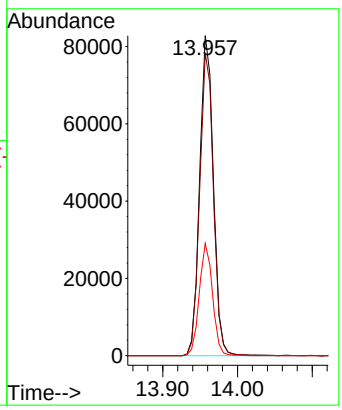




#96
1,2,3-Trichlorobenzene
Concen: 46.678 ug/l
RT: 13.957 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:180 Resp: 10539

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.4
145	33.9	17.3	51.9



Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

Manual Integration Report

Sequence:	vx061725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX046718.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:26:54 PM	MMDadoda	6/18/2025 6:21:14 PM	Peak Integrated by Software
VSTDICC020	VX046719.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:04 PM	MMDadoda	6/18/2025 6:21:20 PM	Peak Integrated by Software
VSTDICCC050	VX046720.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:12 PM	MMDadoda	6/18/2025 6:21:32 PM	Peak Integrated by Software
VSTDICC100	VX046721.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:20 PM	MMDadoda	6/18/2025 6:21:40 PM	Peak Integrated by Software
VSTDICC150	VX046722.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:27 PM	MMDadoda	6/18/2025 6:21:48 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	1,4-Dichlorobenzene	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	2,2-Dichloropropane	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Chloroform	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Ethyl Acetate	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Methacrylonitrile	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICV050	VX046726.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:47 PM	MMDadoda	6/18/2025 6:22:09 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vx061725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	vx061825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046728.D	1,2,3-Trichloropropane	JOHN	6/19/2025 8:44:37 AM	MMdadoda	6/21/2025 12:14:53 AM	Peak Integrated by Software
VX0618WBS01	VX046731.D	1,2,3-Trichloropropane	JOHN	6/19/2025 8:44:42 AM	MMdadoda	6/21/2025 12:14:58 AM	Peak Integrated by Software
Q2345-08MS	VX046753.D	1,2,3-Trichloropropane	JOHN	6/19/2025 8:45:26 AM	MMdadoda	6/21/2025 12:15:09 AM	Peak Integrated by Software
Q2345-09MSD	VX046754.D	1,2,3-Trichloropropane	JOHN	6/19/2025 8:45:30 AM	MMdadoda	6/21/2025 12:15:16 AM	Peak Integrated by Software
VSTDCCC050	VX046756.D	1,2,3-Trichloropropane	JOHN	6/19/2025 8:45:35 AM	MMdadoda	6/21/2025 12:15:20 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX061925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046758.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:24 AM	MMdadoda	6/21/2025 12:20:44 AM	Peak Integrated by Software
VSTDCCC050	VX046758.D	2-Butanone	JOHN	6/20/2025 8:42:24 AM	MMdadoda	6/21/2025 12:20:44 AM	Peak Integrated by Software
VX0619WBS01	VX046762.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:30 AM	MMdadoda	6/21/2025 12:20:48 AM	Peak Integrated by Software
VX0619WBS01	VX046762.D	2-Butanone	JOHN	6/20/2025 8:42:30 AM	MMdadoda	6/21/2025 12:20:48 AM	Peak Integrated by Software
VSTDCCC050	VX046775.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:59 AM	MMdadoda	6/21/2025 12:21:03 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061725

Review By	Semsettin Yesilyurt	Review On	6/18/2025 5:28:16 PM		
Supervise By	Mahesh Dadoda	Supervise On	6/18/2025 6:22:48 PM		
SubDirectory	VX061725	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134389
Initial Calibration Stds	VP134390,VP134391,VP134392,VP134393,VP134394,VP134395
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134396
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046715.D	17 Jun 2025 08:46	JC/MD	Ok
2	VSTDICC001	VX046716.D	17 Jun 2025 10:09	JC/MD	Not Ok
3	VSTDICC001	VX046717.D	17 Jun 2025 10:58	JC/MD	ReRun
4	VSTDICC005	VX046718.D	17 Jun 2025 11:19	JC/MD	Ok,M
5	VSTDICC020	VX046719.D	17 Jun 2025 13:59	JC/MD	Ok,M
6	VSTDICCC050	VX046720.D	17 Jun 2025 14:20	JC/MD	Ok,M
7	VSTDICC100	VX046721.D	17 Jun 2025 14:41	JC/MD	Ok,M
8	VSTDICC150	VX046722.D	17 Jun 2025 15:02	JC/MD	Ok,M
9	IBLK	VX046723.D	17 Jun 2025 15:23	JC/MD	Ok
10	VSTDICC001	VX046724.D	17 Jun 2025 16:20	JC/MD	Not Ok
11	VSTDICC001	VX046725.D	17 Jun 2025 17:18	JC/MD	Ok,M
12	VSTDICV050	VX046726.D	17 Jun 2025 18:00	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 # VX061825

Review By	John Carlone	Review On	6/19/2025 8:52:59 AM				
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:15:31 AM				
SubDirectory	VX061825	HP Acquire Method	MSVOA_X		HP Processing Method	82X061725W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP134413
Initial Calibration Stds	
CCC	VP134416,VP134417
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046727.D	18 Jun 2025 08:59	JC/MD	Ok
2	VSTDCCC050	VX046728.D	18 Jun 2025 09:33	JC/MD	Ok,M
3	VX0618MBL01	VX046729.D	18 Jun 2025 10:22	JC/MD	Ok
4	VX0618WBL01	VX046730.D	18 Jun 2025 10:45	JC/MD	Ok
5	VX0618WBS01	VX046731.D	18 Jun 2025 11:07	JC/MD	Ok,M
6	VX0618WBSD01	VX046732.D	18 Jun 2025 11:29	JC/MD	Ok,M
7	Q2345-01	VX046733.D	18 Jun 2025 11:50	JC/MD	ReRun
8	Q2345-02	VX046734.D	18 Jun 2025 12:12	JC/MD	Ok
9	Q2345-03	VX046735.D	18 Jun 2025 12:33	JC/MD	Ok
10	Q2345-04	VX046736.D	18 Jun 2025 12:54	JC/MD	Ok
11	Q2345-05	VX046737.D	18 Jun 2025 13:15	JC/MD	Ok
12	Q2345-06	VX046738.D	18 Jun 2025 13:37	JC/MD	Ok
13	Q2345-07	VX046739.D	18 Jun 2025 13:58	JC/MD	Ok
14	Q2345-10	VX046740.D	18 Jun 2025 14:20	JC/MD	Ok
15	Q2345-11	VX046741.D	18 Jun 2025 14:41	JC/MD	Ok
16	Q2345-12	VX046742.D	18 Jun 2025 15:03	JC/MD	Ok
17	Q2345-13	VX046743.D	18 Jun 2025 15:24	JC/MD	Ok
18	Q2345-14	VX046744.D	18 Jun 2025 15:46	JC/MD	Ok
19	Q2345-15	VX046745.D	18 Jun 2025 16:07	JC/MD	Ok
20	Q2345-16	VX046746.D	18 Jun 2025 16:29	JC/MD	Ok
21	Q2345-17	VX046747.D	18 Jun 2025 16:50	JC/MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061825

Review By	John Carlone	Review On	6/19/2025 8:52:59 AM				
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:15:31 AM				
SubDirectory	VX061825	HP Acquire Method	MSVOA_X		HP Processing Method	82X061725W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP134413
Initial Calibration Stds	
CCC	VP134416,VP134417
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2344-09	VX046748.D	18 Jun 2025 17:12	JC/MD	Ok
23	Q2344-01	VX046749.D	18 Jun 2025 17:34	JC/MD	Ok
24	Q2344-03	VX046750.D	18 Jun 2025 17:55	JC/MD	Ok
25	Q2344-05	VX046751.D	18 Jun 2025 18:16	JC/MD	Ok
26	Q2344-07	VX046752.D	18 Jun 2025 18:37	JC/MD	Ok
27	Q2345-08MS	VX046753.D	18 Jun 2025 18:58	JC/MD	Ok,M
28	Q2345-09MSD	VX046754.D	18 Jun 2025 19:19	JC/MD	Ok,M
29	VIBLK	VX046755.D	18 Jun 2025 19:40	JC/MD	Ok
30	VSTDCCC050	VX046756.D	18 Jun 2025 20:01	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 # VX061925

Review By	John Carlone	Review On	6/20/2025 8:46:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:21:16 AM		
SubDirectory	VX061925	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134428
Initial Calibration Stds	
CCC	VP134429,VP134430
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046757.D	19 Jun 2025 08:42	JC/MD	Ok
2	VSTDCCC050	VX046758.D	19 Jun 2025 09:43	JC/MD	Ok,M
3	VX0619MBL01	VX046759.D	19 Jun 2025 10:12	JC/MD	Ok
4	VX0619WBL01	VX046760.D	19 Jun 2025 10:33	JC/MD	Ok
5	Q2345-01	VX046761.D	19 Jun 2025 11:03	JC/MD	Ok
6	VX0619WBS01	VX046762.D	19 Jun 2025 11:24	JC/MD	Ok,M
7	VX0619WBSD01	VX046763.D	19 Jun 2025 11:51	JC/MD	Ok,M
8	Q2361-01	VX046764.D	19 Jun 2025 12:12	JC/MD	Ok
9	Q2334-01	VX046765.D	19 Jun 2025 12:33	JC/MD	Ok
10	Q2334-02	VX046766.D	19 Jun 2025 12:54	JC/MD	Ok
11	Q2334-03	VX046767.D	19 Jun 2025 13:15	JC/MD	Ok
12	Q2363-02	VX046768.D	19 Jun 2025 13:36	JC/MD	Dilution
13	IBLK	VX046769.D	19 Jun 2025 13:57	JC/MD	Ok
14	IBLK	VX046770.D	19 Jun 2025 14:18	JC/MD	Ok
15	Q2351-01	VX046771.D	19 Jun 2025 15:45	JC/MD	Ok
16	Q2372-02	VX046772.D	19 Jun 2025 16:06	JC/MD	Ok
17	Q2372-01	VX046773.D	19 Jun 2025 16:27	JC/MD	Ok
18	IBLK	VX046774.D	19 Jun 2025 16:49	JC/MD	Ok
19	VSTDCCC050	VX046775.D	19 Jun 2025 17:10	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061725

Review By	Semsettin Yesilyurt	Review On	6/18/2025 5:28:16 PM		
Supervise By	Mahesh Dadoda	Supervise On	6/18/2025 6:22:48 PM		
SubDirectory	VX061725	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134389
Initial Calibration Stds	VP134390,VP134391,VP134392,VP134393,VP134394,VP134395
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134396
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046715.D	17 Jun 2025 08:46		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046716.D	17 Jun 2025 10:09	RRF check	JC/MD	Not Ok
3	VSTDICC001	VSTDICC001	VX046717.D	17 Jun 2025 10:58	low response	JC/MD	ReRun
4	VSTDICC005	VSTDICC005	VX046718.D	17 Jun 2025 11:19		JC/MD	Ok,M
5	VSTDICC020	VSTDICC020	VX046719.D	17 Jun 2025 13:59	LR- 10,49	JC/MD	Ok,M
6	VSTDICCC050	VSTDICCC050	VX046720.D	17 Jun 2025 14:20		JC/MD	Ok,M
7	VSTDICC100	VSTDICC100	VX046721.D	17 Jun 2025 14:41		JC/MD	Ok,M
8	VSTDICC150	VSTDICC150	VX046722.D	17 Jun 2025 15:02		JC/MD	Ok,M
9	IBLK	IBLK	VX046723.D	17 Jun 2025 15:23		JC/MD	Ok
10	VSTDICC001	VSTDICC001	VX046724.D	17 Jun 2025 16:20	spike error	JC/MD	Not Ok
11	VSTDICC001	VSTDICC001	VX046725.D	17 Jun 2025 17:18		JC/MD	Ok,M
12	VSTDICV050	ICVVX061725	VX046726.D	17 Jun 2025 18:00		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 # VX061825

Review By	John Carlone	Review On	6/19/2025 8:52:59 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:15:31 AM		
SubDirectory	VX061825	HP Acquire Method	MSVOA_X	HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134413
Initial Calibration Stds	
CCC	VP134416,VP134417
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046727.D	18 Jun 2025 08:59		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046728.D	18 Jun 2025 09:33	pH#Lot#V12668	JC/MD	Ok,M
3	VX0618MBL01	VX0618MBL01	VX046729.D	18 Jun 2025 10:22		JC/MD	Ok
4	VX0618WBL01	VX0618WBL01	VX046730.D	18 Jun 2025 10:45		JC/MD	Ok
5	VX0618WBS01	VX0618WBS01	VX046731.D	18 Jun 2025 11:07		JC/MD	Ok,M
6	VX0618WBSD01	VX0618WBSD01	VX046732.D	18 Jun 2025 11:29	vial A pH<2	JC/MD	Ok,M
7	Q2345-01	EB02-20250616	VX046733.D	18 Jun 2025 11:50	vial A pH<2 EB;Hit of com.#16,20	JC/MD	ReRun
8	Q2345-02	TB03-20250616	VX046734.D	18 Jun 2025 12:12	vial A pH<2 TB	JC/MD	Ok
9	Q2345-03	BPOW6-1-20250616	VX046735.D	18 Jun 2025 12:33	vial A pH<2	JC/MD	Ok
10	Q2345-04	BPOW6-2-20250616	VX046736.D	18 Jun 2025 12:54	vial A pH<2	JC/MD	Ok
11	Q2345-05	DUP05-20250616	VX046737.D	18 Jun 2025 13:15	vial A pH<2	JC/MD	Ok
12	Q2345-06	BPOW6-3-20250616	VX046738.D	18 Jun 2025 13:37	vial A pH<2	JC/MD	Ok
13	Q2345-07	BPOW6-5-20250616	VX046739.D	18 Jun 2025 13:58	vial A pH<2	JC/MD	Ok
14	Q2345-10	BPOW6-6-20250616	VX046740.D	18 Jun 2025 14:20	vial A pH<2	JC/MD	Ok
15	Q2345-11	BPOW6-10-20250616	VX046741.D	18 Jun 2025 14:41	vial A pH<2	JC/MD	Ok
16	Q2345-12	BPOW6-9-20250616	VX046742.D	18 Jun 2025 15:03	vial A pH<2	JC/MD	Ok
17	Q2345-13	TT189D2-20250617	VX046743.D	18 Jun 2025 15:24	vial A pH<2	JC/MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061825

Review By	John Carlone	Review On	6/19/2025 8:52:59 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:15:31 AM		
SubDirectory	VX061825	HP Acquire Method	MSVOA_X	HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134413
Initial Calibration Stds	
CCC	VP134416,VP134417
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2345-14	TT150S1-20250617	VX046744.D	18 Jun 2025 15:46	vial A pH<2	JC/MD	Ok
19	Q2345-15	RW8-MW01D1-202506	VX046745.D	18 Jun 2025 16:07	vial A pH<2	JC/MD	Ok
20	Q2345-16	TT192D2-20250617	VX046746.D	18 Jun 2025 16:29	vial A pH<2	JC/MD	Ok
21	Q2345-17	BPOW6-4-20250616	VX046747.D	18 Jun 2025 16:50	vial A pH<2	JC/MD	Ok
22	Q2344-09	TRIP-BLANK	VX046748.D	18 Jun 2025 17:12	vial A pH<2 TB	JC/MD	Ok
23	Q2344-01	MW-1	VX046749.D	18 Jun 2025 17:34	vial A pH<2	JC/MD	Ok
24	Q2344-03	MW-3	VX046750.D	18 Jun 2025 17:55	vial A pH<2	JC/MD	Ok
25	Q2344-05	MW-4	VX046751.D	18 Jun 2025 18:16	vial A pH<2	JC/MD	Ok
26	Q2344-07	MW-2	VX046752.D	18 Jun 2025 18:37	vial A pH<2	JC/MD	Ok
27	Q2345-08MS	BPOW6-5-20250616MS	VX046753.D	18 Jun 2025 18:58	vial A pH<2	JC/MD	Ok,M
28	Q2345-09MSD	BPOW6-5-20250616MS	VX046754.D	18 Jun 2025 19:19	vial A pH<2	JC/MD	Ok,M
29	VIBLK	VIBLK	VX046755.D	18 Jun 2025 19:40		JC/MD	Ok
30	VSTDCCC050	VSTDCCC050EC	VX046756.D	18 Jun 2025 20:01		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061925

Review By	John Carlone	Review On	6/20/2025 8:46:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:21:16 AM		
SubDirectory	VX061925	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134428
Initial Calibration Stds	
CCC	VP134429,VP134430
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	VX046757.D	19 Jun 2025 08:42		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046758.D	19 Jun 2025 09:43	pH#Lot#V12668	JC/MD	Ok,M
3	VX0619MBL01	VX0619MBL01	VX046759.D	19 Jun 2025 10:12		JC/MD	Ok
4	VX0619WBL01	VX0619WBL01	VX046760.D	19 Jun 2025 10:33		JC/MD	Ok
5	Q2345-01	EB02-20250616	VX046761.D	19 Jun 2025 11:03	vial B pH<2 EB	JC/MD	Ok
6	VX0619WBS01	VX0619WBS01	VX046762.D	19 Jun 2025 11:24		JC/MD	Ok,M
7	VX0619WBSD01	VX0619WBSD01	VX046763.D	19 Jun 2025 11:51		JC/MD	Ok,M
8	Q2361-01	TT205S1-20250617	VX046764.D	19 Jun 2025 12:12	vial A pH<2	JC/MD	Ok
9	Q2334-01	MW3	VX046765.D	19 Jun 2025 12:33	vial A pH<2	JC/MD	Ok
10	Q2334-02	MW4	VX046766.D	19 Jun 2025 12:54	vial A pH<2	JC/MD	Ok
11	Q2334-03	GBTW1	VX046767.D	19 Jun 2025 13:15	vial A pH<2	JC/MD	Ok
12	Q2363-02	GCAP1W	VX046768.D	19 Jun 2025 13:36	vial A pH<2 Need 20X	JC/MD	Dilution
13	IBLK	IBLK	VX046769.D	19 Jun 2025 13:57		JC/MD	Ok
14	IBLK	IBLK	VX046770.D	19 Jun 2025 14:18		JC/MD	Ok
15	Q2351-01	FAIRLAWN-SUMP	VX046771.D	19 Jun 2025 15:45	vial A pH<2 oily sample	JC/MD	Ok
16	Q2372-02	GAV2W	VX046772.D	19 Jun 2025 16:06	vial A pH<2	JC/MD	Ok
17	Q2372-01	GAV1W	VX046773.D	19 Jun 2025 16:27	vial A pH<2	JC/MD	Ok
18	IBLK	IBLK	VX046774.D	19 Jun 2025 16:49		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061925

Review By	John Carlone	Review On	6/20/2025 8:46:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:21:16 AM		
SubDirectory	VX061925	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134428
Initial Calibration Stds	
CCC	VP134429,VP134430
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VSTDCCC050	VSTDCCC050EC	VX046775.D	19 Jun 2025 17:10		JC/MD	Ok,M

M : Manual Integration

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Prep Standard - Chemical Standard Summary

Order ID : Q2345

Test : VOCMS Group1

Prepbatch ID :

Sequence ID/Qc Batch ID: vx061825,VX061925,

Standard ID :
VP133174,VP133887,VP133935,VP133953,VP133991,VP134142,VP134149,VP134413,VP134416,VP134417,VP134428,VP134429,VP134430,

Chemical ID :
V13391,V13706,V14290,V14432,V14435,V14503,V14504,V14525,V14526,V14613,V14620,V14626,V14636,V14637,V14638,V14639,V14668,V14671,V14673,V14675,V14711,V14717,V14718,V14721,V14749,V14750,V14811,V14812,V14843,V14921,V14929,V14944,V14945,V14946,V14947,W3112,

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
617	8260 Surrogate, 400PPM	VP133174	02/27/2025	08/27/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 03/04/2025

FROM 0.40000ml of V13706 + 24.60000ml of V14613 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
257	8260 Calibration Working STD Mix-First source, 160PPM	VP133887	05/12/2025	06/23/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/14/2025

FROM 0.40000ml of V14843 + 1.00000ml of V14432 + 1.00000ml of V14435 + 1.00000ml of V14503 + 1.00000ml of V14504 + 1.00000ml of V14525 + 1.00000ml of V14526 + 1.00000ml of V14711 + 1.00000ml of V14717 + 1.00000ml of V14718 + 1.00000ml of V14721 + 1.00000ml of V14749 + 1.00000ml of V14750 + 1.00000ml of V14811 + 1.00000ml of V14812 + 10.60000ml of V14921 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
247	8260 Internal Standard, 250PPM	VP133935	05/16/2025	11/12/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/21/2025

FROM 0.25000ml of V14290 + 24.75000ml of V14921 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
218	BFB, 25PPM	VP133953	05/19/2025	11/09/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/21/2025

FROM 0.25000ml of V13391 + 24.75000ml of V14626 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP133991	05/22/2025	06/19/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/24/2025

FROM 1.00000ml of V14944 + 1.00000ml of V14945 + 1.00000ml of V14946 + 1.00000ml of V14947 + 21.00000ml of V14620 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
719	8260 Working STD (BCM)-First source, 400PPM	VP134142	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14668 + 1.00000ml of V14671 + 1.00000ml of V14673 + 1.00000ml of V14675 + 16.00000ml of V14929 = Final Quantity: 20.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP134413	06/18/2025	06/19/2025	Mahesh Dadoda	None	None	Semsettin Yesilyurt 06/21/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP133953 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP134416	06/18/2025	06/19/2025	Mahesh Dadoda	None	None	Semsettin Yesilyurt 06/24/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP133174 + 0.00500ml of VP134142 + 0.00800ml of VP133935 + 0.01250ml of VP133887 + 0.01250ml of VP133991 + 0.01250ml of VP134149 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP134417	06/18/2025	06/19/2025	Mahesh Dadoda	None	None	Semsettin Yesilyurt 06/24/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP133174 + 0.00500ml of VP134142 + 0.00800ml of VP133935 + 0.01250ml of VP133887 + 0.01250ml of VP133991 + 0.01250ml of VP134149 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP134428	06/19/2025	06/20/2025	John Carlone	None	None	Mahesh Dadoda 06/23/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP133953 = 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	VP134429	06/19/2025	06/19/2025	John Carlone	None	None	Mahesh Dadoda 06/23/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP133174 + 0.00500ml of VP134142 + 0.00800ml of VP133935 + 0.01250ml of VP133887 + 0.01250ml of VP133991 + 0.01250ml of VP134149 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP134430	06/19/2025	06/19/2025	John Carlone	None	None	Mahesh Dadoda 06/23/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP133174 + 0.00500ml of VP134142 + 0.00800ml of VP133935 + 0.01250ml of VP133887 + 0.01250ml of VP133991 + 0.01250ml of VP134149 = Final Quantity: 40.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30067 / BFB tuneing solution	A0191805	11/22/2025	11/22/2024 / SAM	01/13/2023 / SAM	V13391

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0196865	02/27/2026	02/27/2025 / SAM	04/12/2023 / SAM	V13706

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555581 / Custom Standard, 8260 Internal Std [CS 5179-1]	A0210184	12/12/2025	12/12/2024 / SAM	04/15/2024 / SAM	V14290

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	09/30/2025	05/12/2025 / SAM	08/15/2024 / SAM	V14432

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	09/20/2025	03/20/2025 / SAM	08/15/2024 / SAM	V14435

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	11/12/2025	05/12/2025 / SAM	09/17/2024 / SAM	V14503

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	11/12/2025	05/12/2025 / SAM	09/17/2024 / SAM	V14504

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	11/12/2025	05/12/2025 / SAM	09/18/2024 / SAM	V14525

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	11/12/2025	05/12/2025 / SAM	09/18/2024 / SAM	V14526

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	08/27/2025	02/27/2025 / SAM	11/26/2024 / SAM	V14613

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	10/25/2025	05/09/2025 / SAM	11/26/2024 / SAM	V14620

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	11/09/2025	05/09/2025 / SAM	11/26/2024 / SAM	V14626

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14636

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14637

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14638

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14639

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14668

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14671

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14673

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14675

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14711

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14717

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14718

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14721

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	11/13/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14749

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14750

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	11/12/2025	05/12/2025 / SAM	01/08/2025 / SAM	V14811

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	06/30/2026	05/12/2025 / SAM	01/08/2025 / SAM	V14812

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30470 / VOA Stock Solution, tert-butanol std, 1mL, P&TM	A0217535	11/12/2025	05/12/2025 / SAM	01/21/2025 / SAM	V14843

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	11/12/2025	05/12/2025 / SAM	05/09/2025 / SAM	V14921

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	12/06/2025	06/06/2025 / SAM	05/09/2025 / SAM	V14929

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	051925	06/19/2025	05/22/2025 / SAM	05/21/2025 / SAM	V14944

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	051925	06/19/2025	05/22/2025 / SAM	05/21/2025 / SAM	V14945

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	051925	06/19/2025	05/22/2025 / SAM	05/21/2025 / SAM	V14946

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	051925	06/19/2025	05/22/2025 / SAM	05/21/2025 / SAM	V14947

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

12 Bottles

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier

Jamie Ethier
Vice President Global Quality

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

12 Bottles

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

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For Laboratory,Research,or Manufacturing Use
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500 Series for Drinking Water
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Country of Origin: USA
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James Ethier

Jamie Ethier
Vice President Global Quality

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2. Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3. Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4. cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5. trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6. Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7. Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8. Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9. 2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10. Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11. Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12. Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13. Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14. 2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15. Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16. 1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17. Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18. Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 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

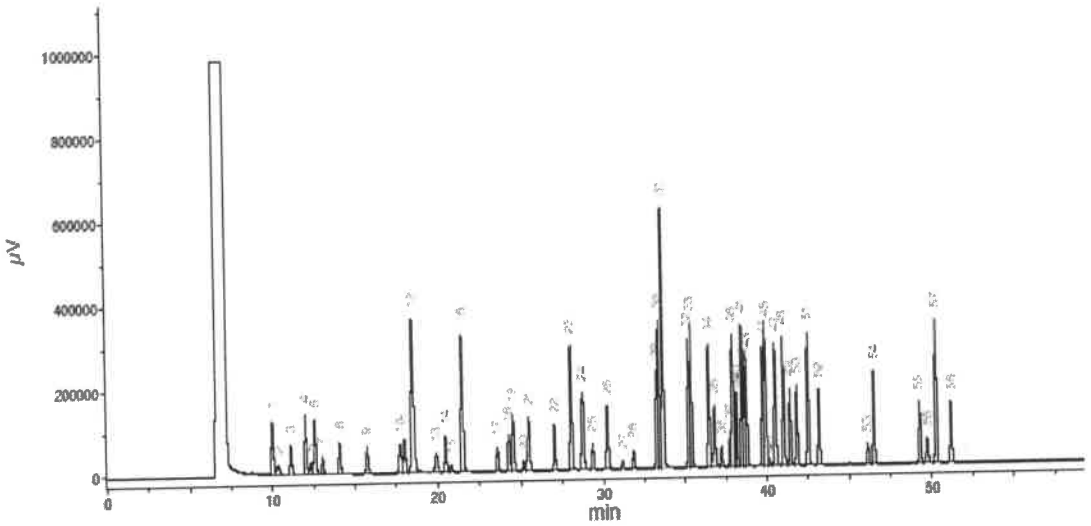
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, 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

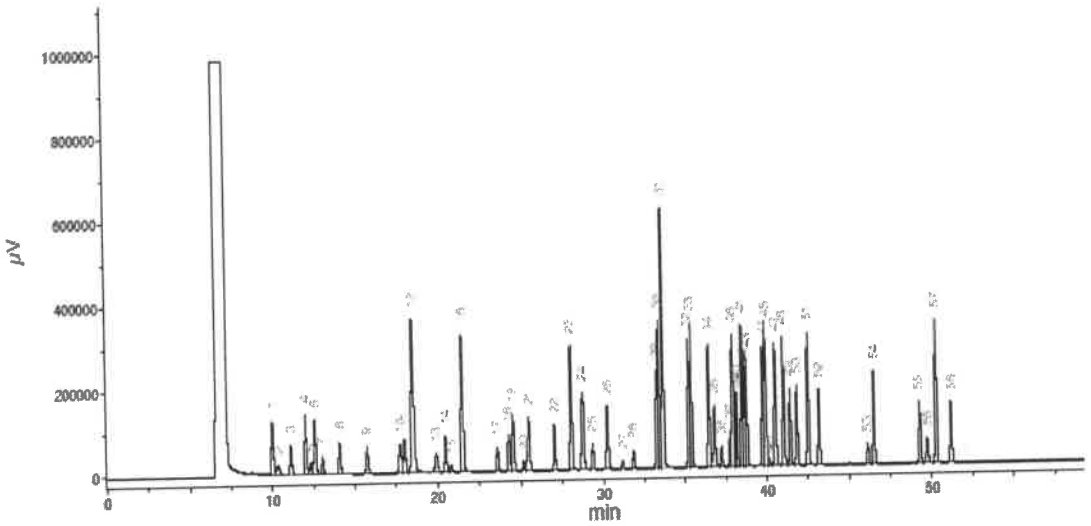
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, 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 09/16/24 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

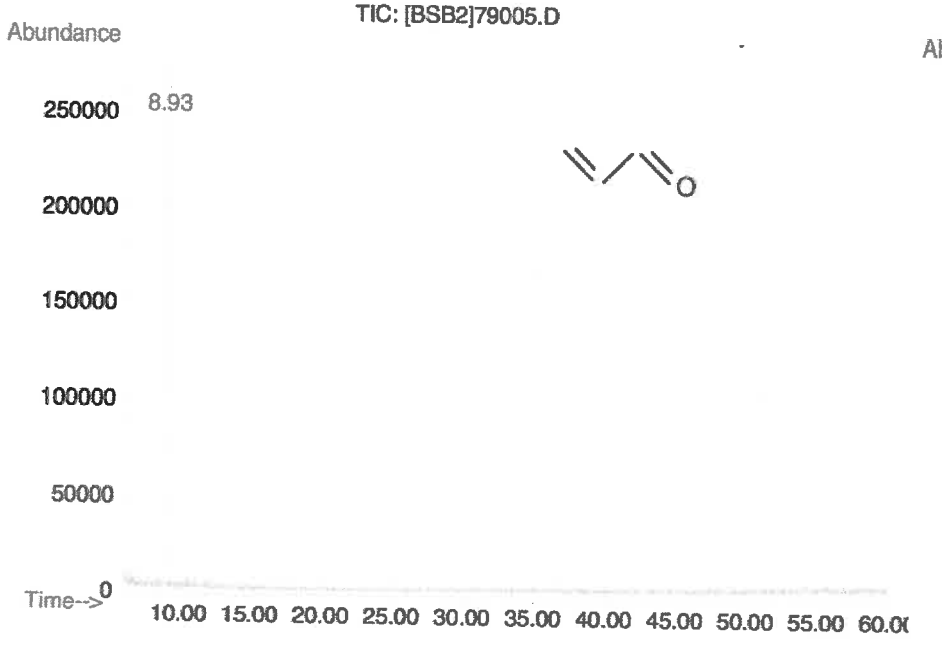
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

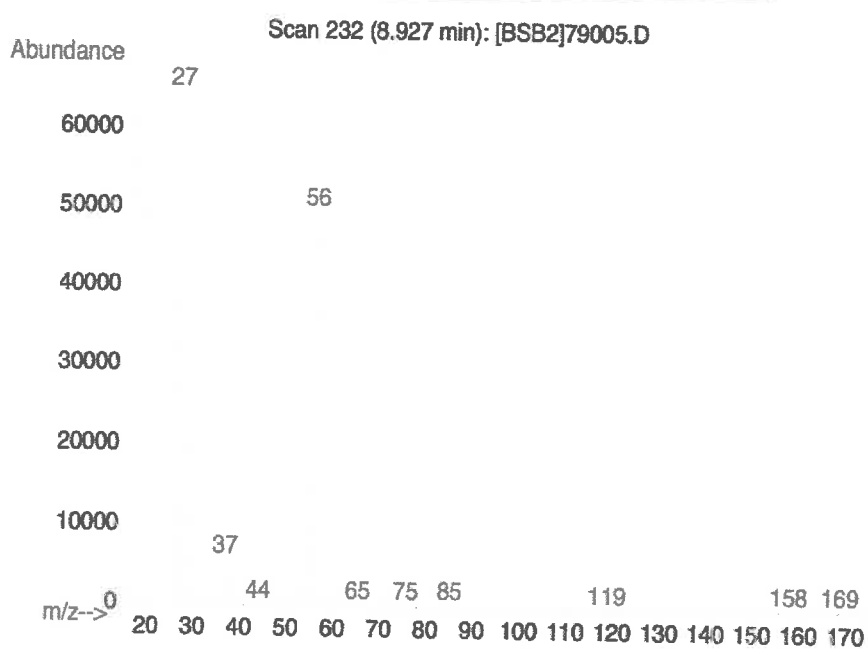
Formulated By: Justin Dippold 091424 DATE

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.
- 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).

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
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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

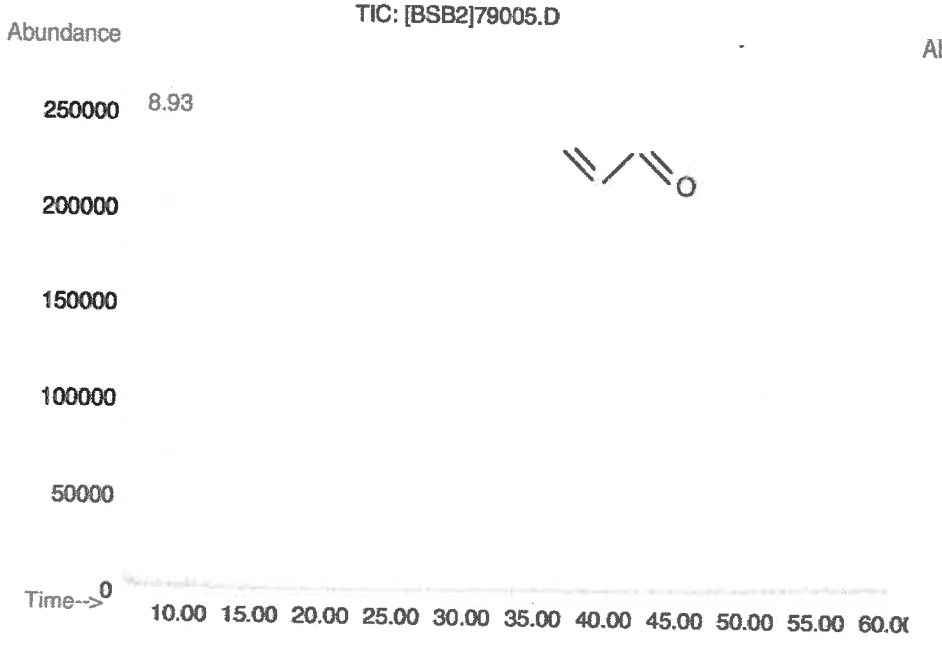
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

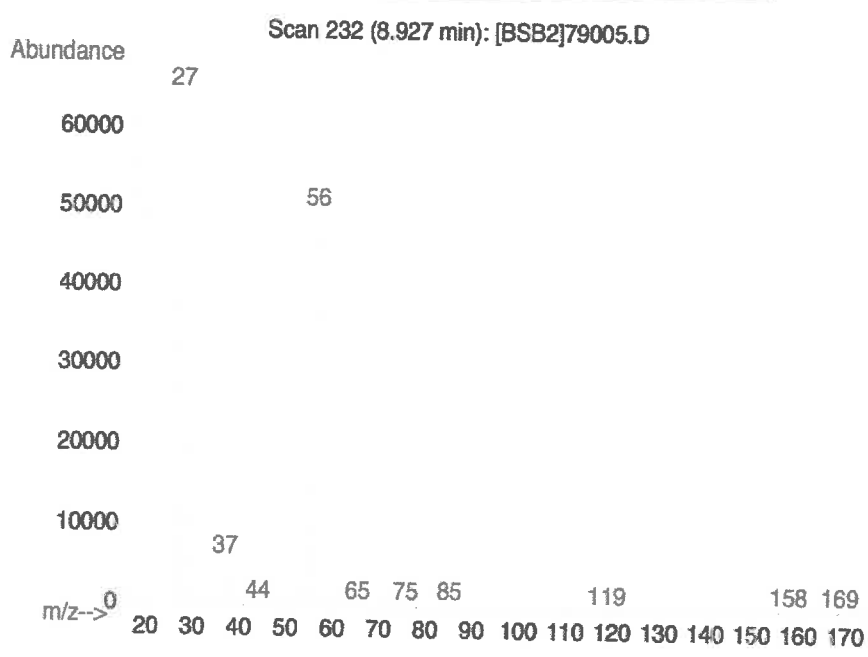
Formulated By: Justin Dippold 091424 DATE

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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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

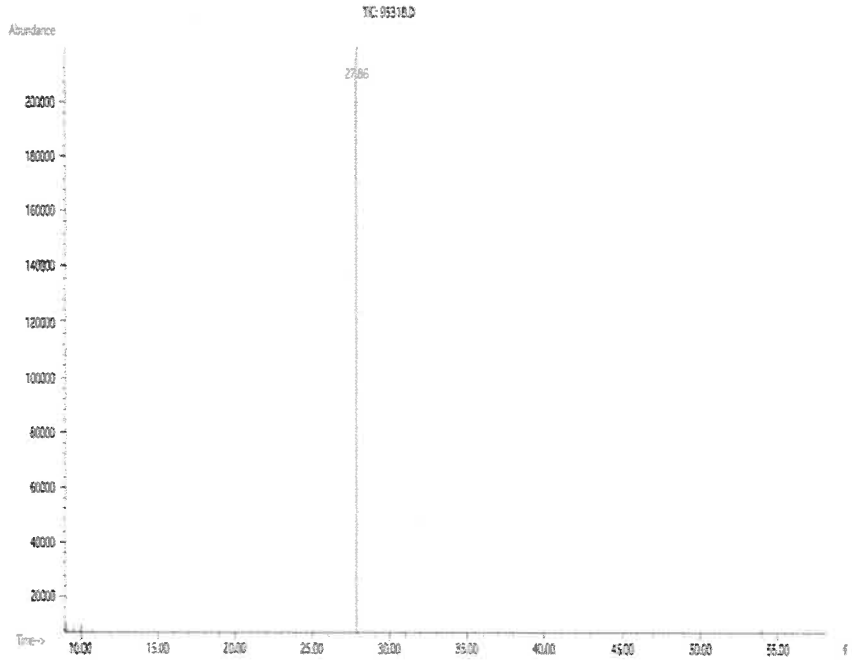
V14630 to V14649

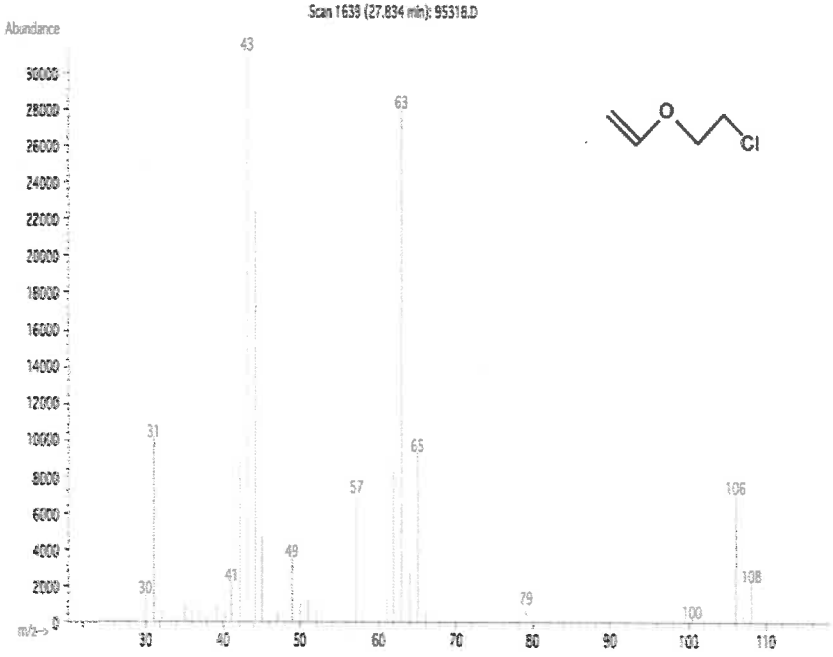
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

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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- 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.
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Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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Certified Reference Material CRM

Rec 12/6/24
20 vial

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

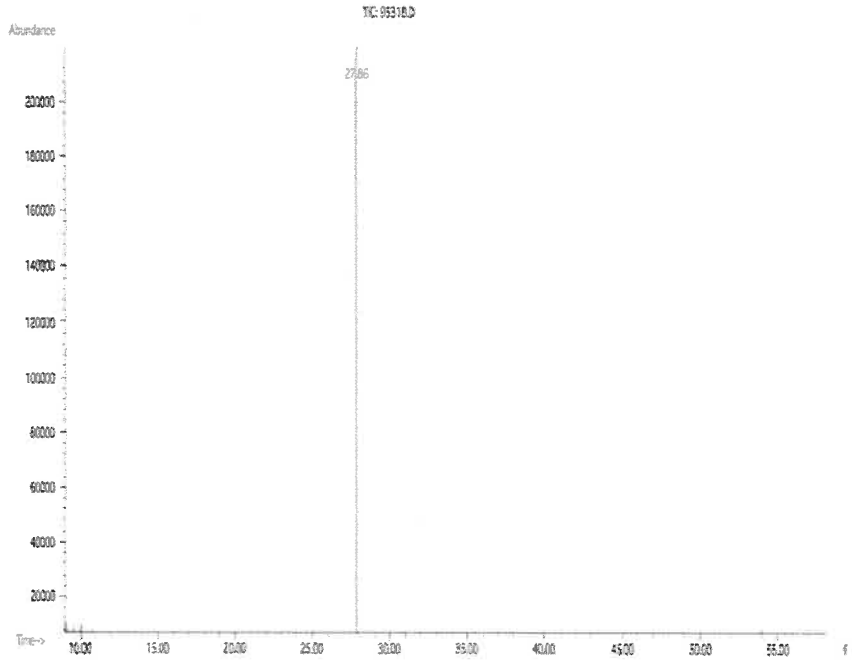
V14630 to V14649

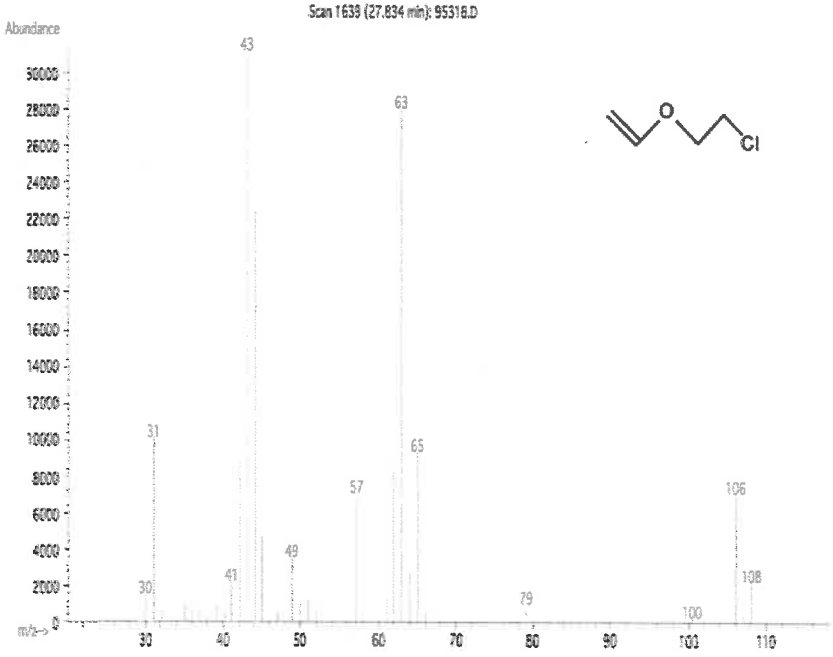
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

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

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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

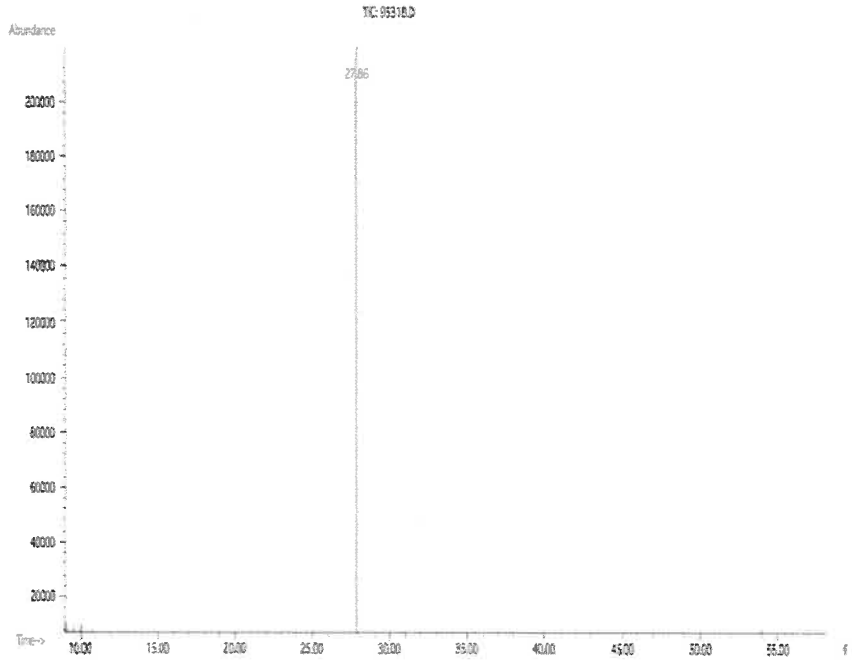
V14630 to V14649

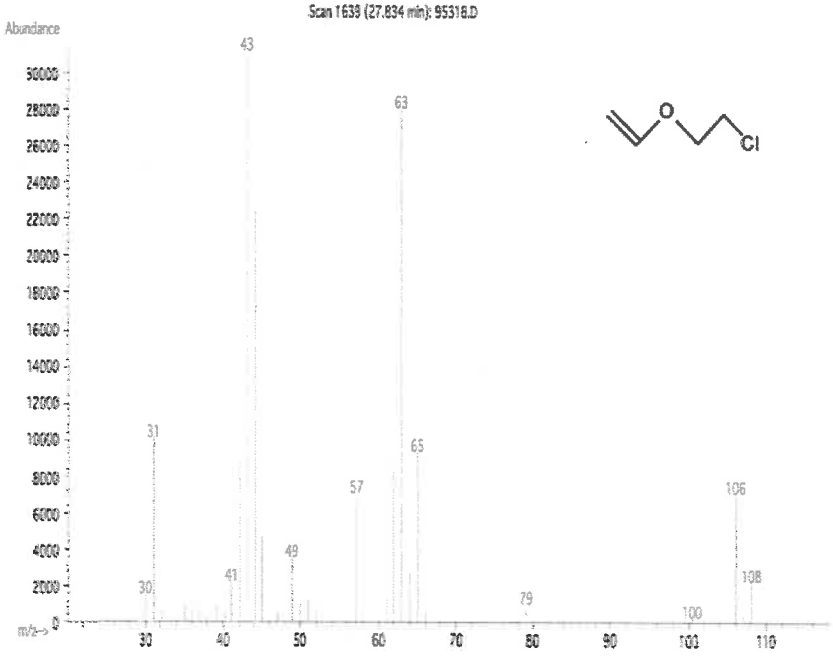
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Formulated By:	Prashant Chauhan	120524 DATE
Reviewed By:	Pedro L. Rentas	120524 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
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If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
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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.
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Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

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.
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Section XI. TOXICOLOGICAL INFORMATION

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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
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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.

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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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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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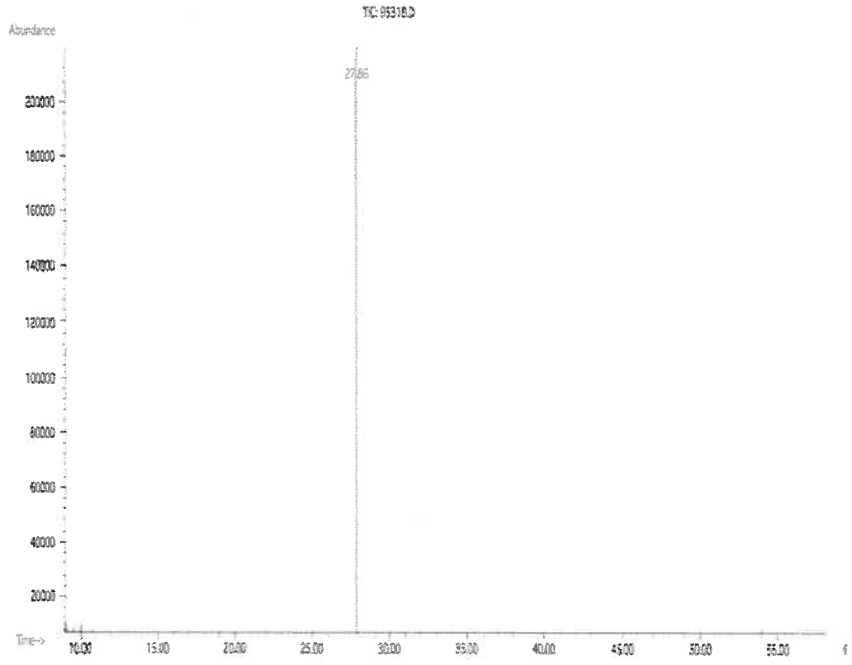

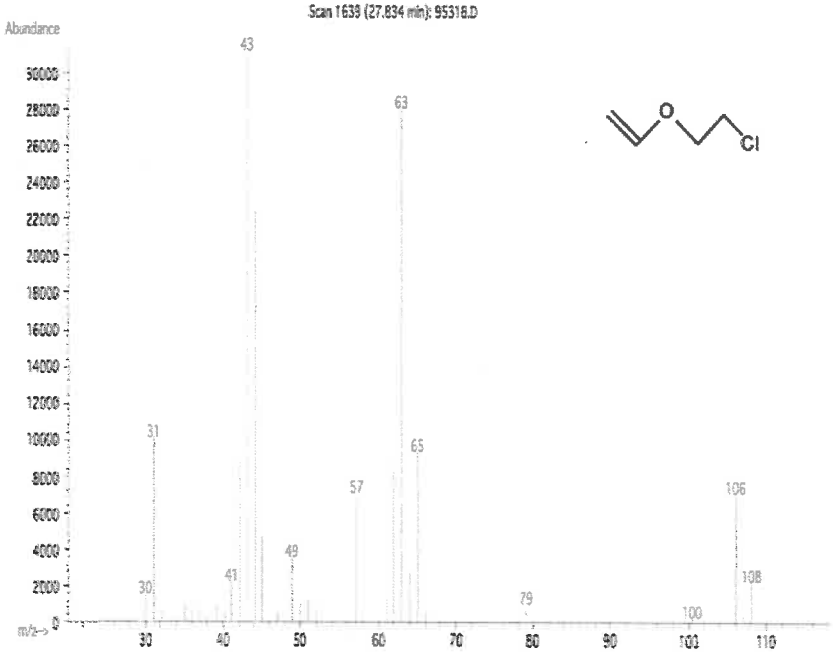

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Section XIII. DISPOSAL CONSIDERATIONS

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Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
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Section XV. REGULATORY INFORMATION

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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30067 **Lot No.:** A0191805

Description : 4-Bromofluorobenzene Standard

4-Bromofluorobenzene Standard 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	2,483.9 µg/mL	+/- 139.5488

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

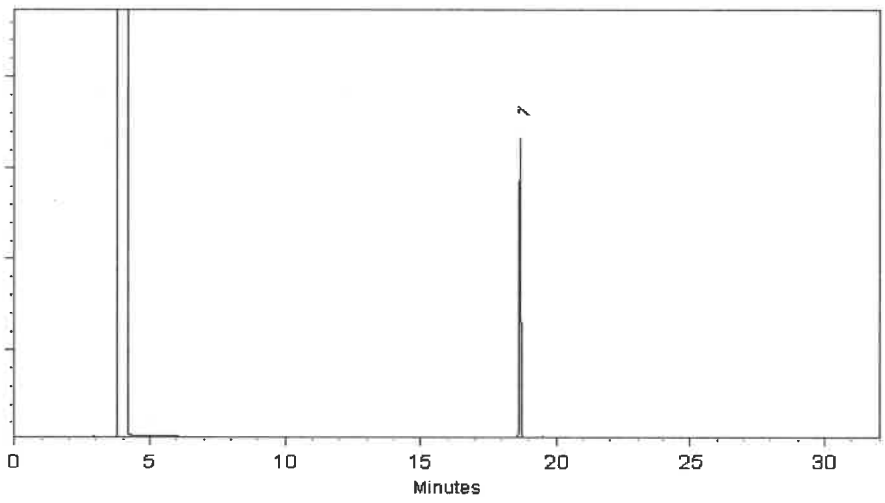
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Alicia Leathers - Operation Technician I **Date Mixed:** 17-Nov-2022 **Balance Serial #** B251644995

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 21-Nov-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555582 **Lot No.:** A0196865

Description : Custom 8260A/B Surrogate Mix

Custom 8260A/B Surrogate Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2-Dichloroethane-d4	17060-07-0	PR-32845	99%	25,036.0 µg/mL	+/- 1,417.9179
2	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	25,132.0 µg/mL	+/- 1,423.3549
3	Dibromofluoromethane	1868-53-7	022013	99%	25,040.0 µg/mL	+/- 1,418.1445
4	Toluene-d8	2037-26-5	PR-33397	99%	25,028.0 µg/mL	+/- 1,417.4648

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer - Operations Technician I

Date Mixed: 11-Apr-2023 **Balance:** 1127510105

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0209618

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,016.0 µg/mL	+/- 69.6822
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
7	Amyl acetate	628-63-7	41325/1	97%	2,004.7 µg/mL	+/- 69.2905

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

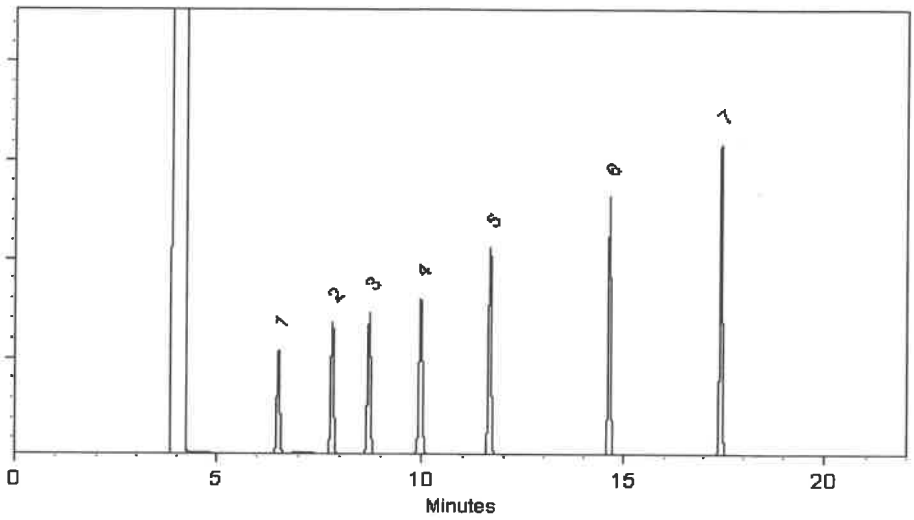
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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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.

Handling Notes:

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0209618

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,016.0 µg/mL	+/- 69.6822
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
7	Amyl acetate	628-63-7	41325/1	97%	2,004.7 µg/mL	+/- 69.2905

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

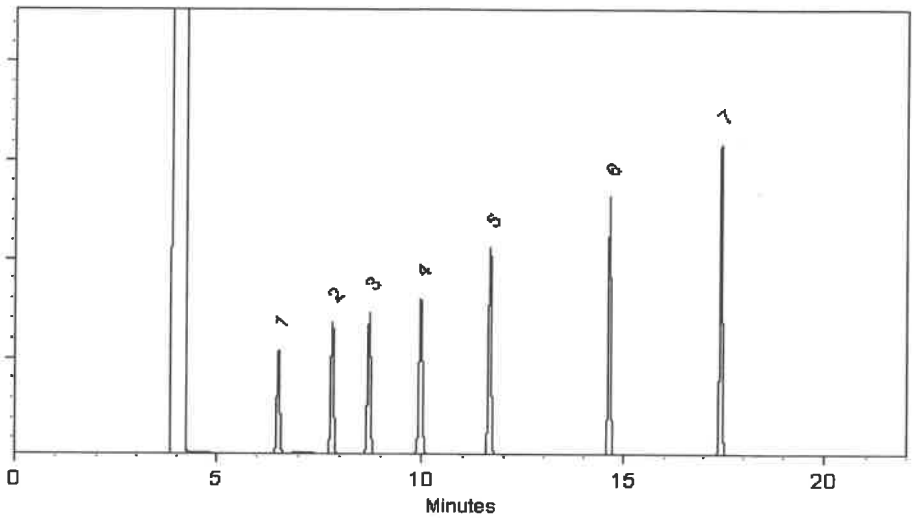
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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:

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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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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

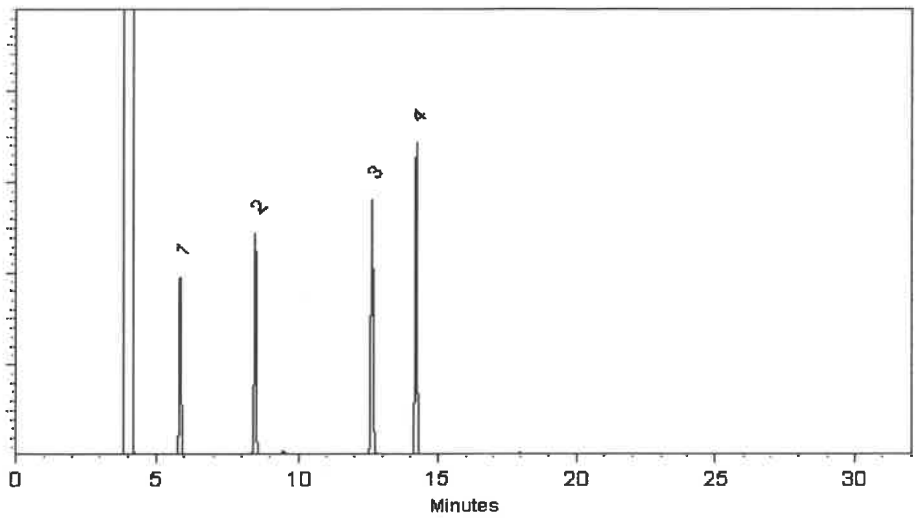
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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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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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

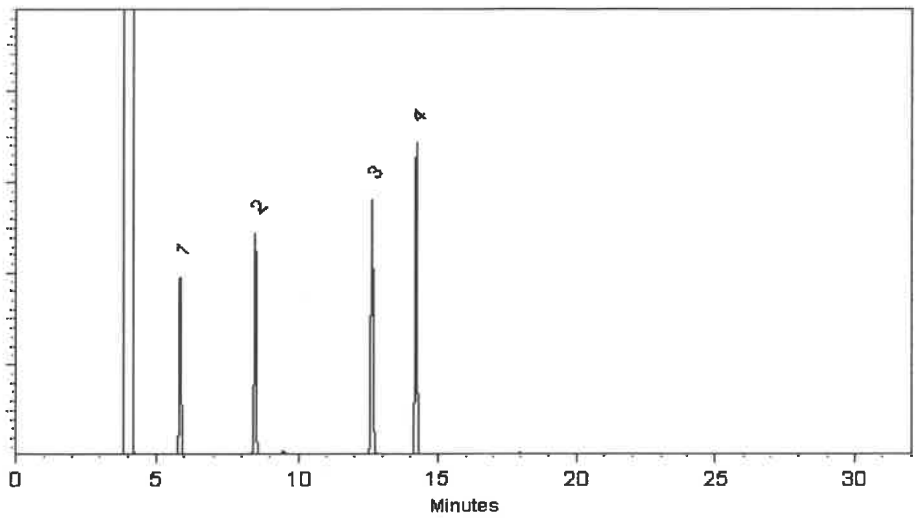
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

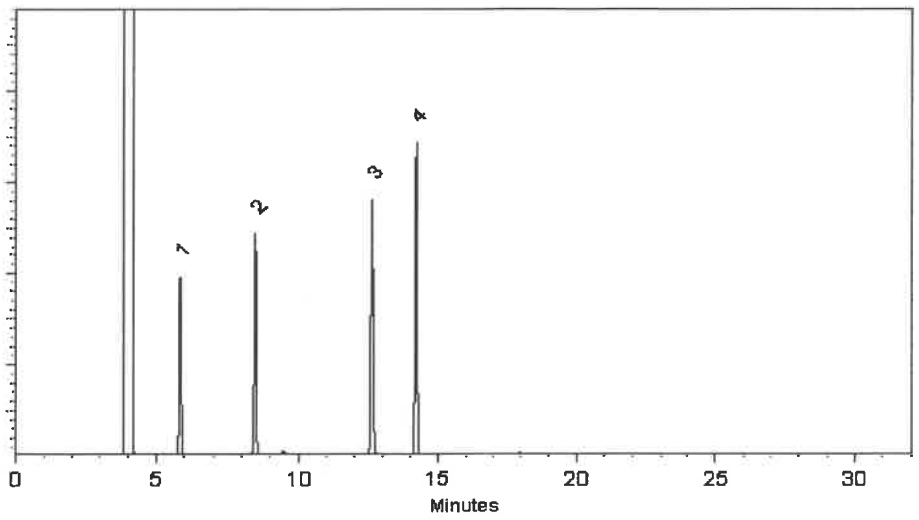
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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Manufacturing Notes:

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Handling Notes:

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Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

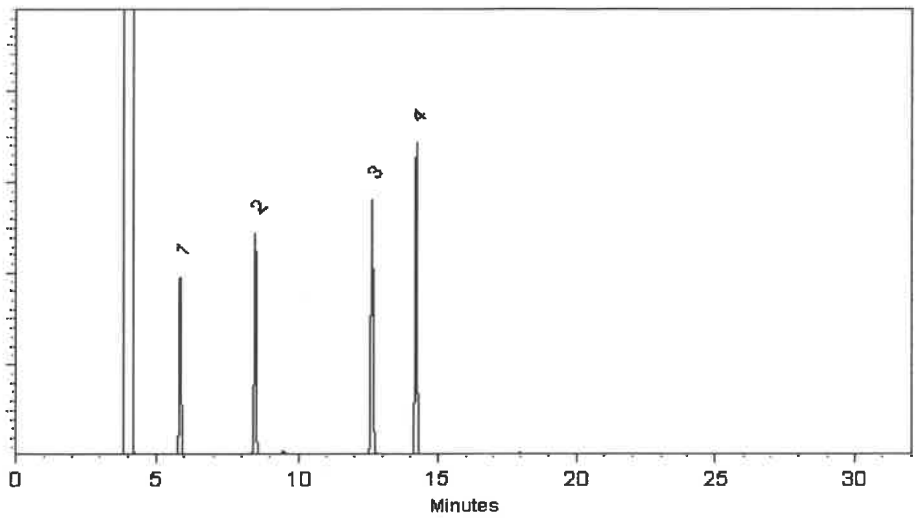
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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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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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

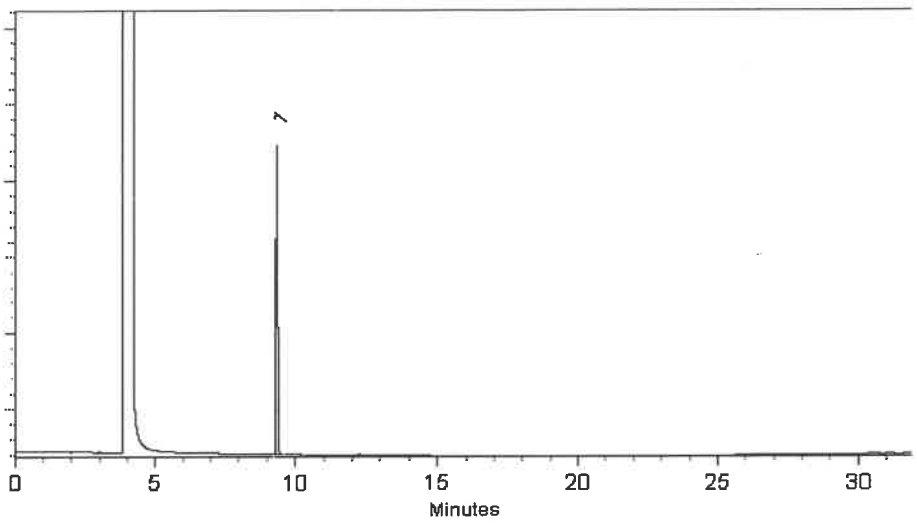
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

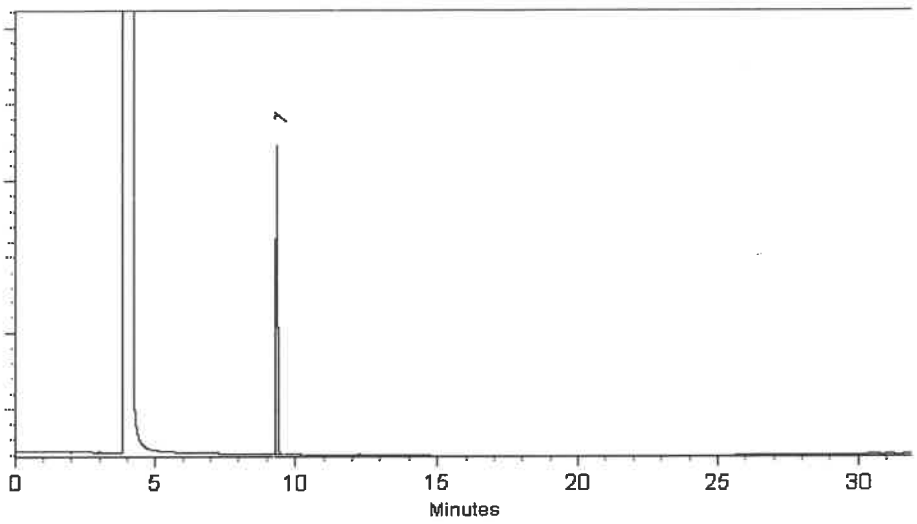
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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Manufacturing Notes:

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Handling Notes:

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CERTIFIED REFERENCE MATERIAL

Dec: 12/09/24

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

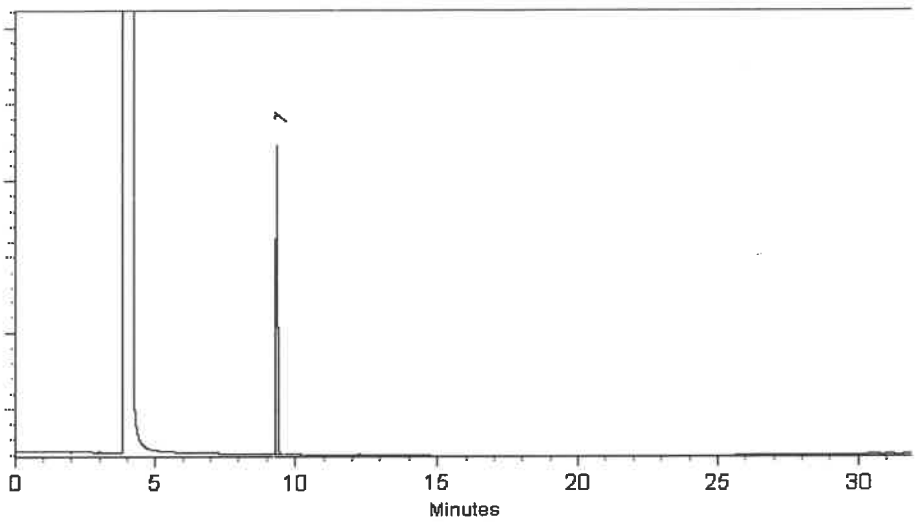
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Dec: 12/09/24

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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. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

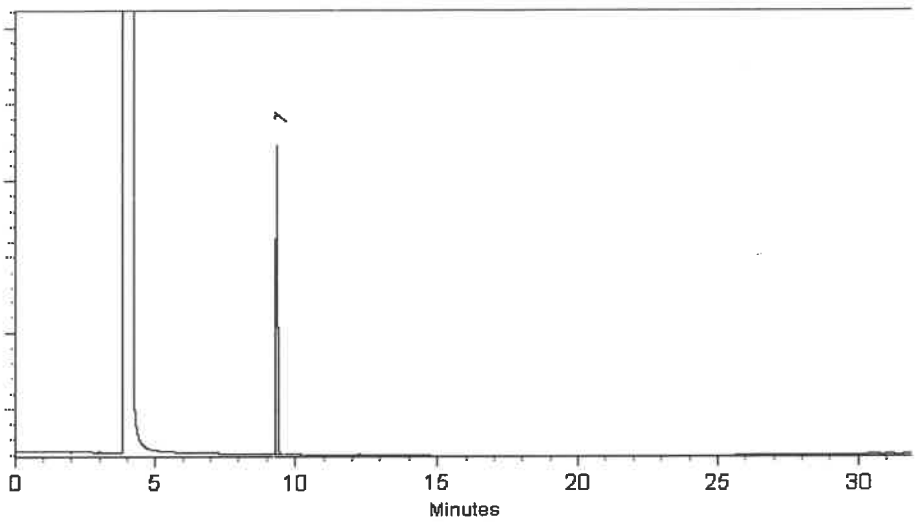
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

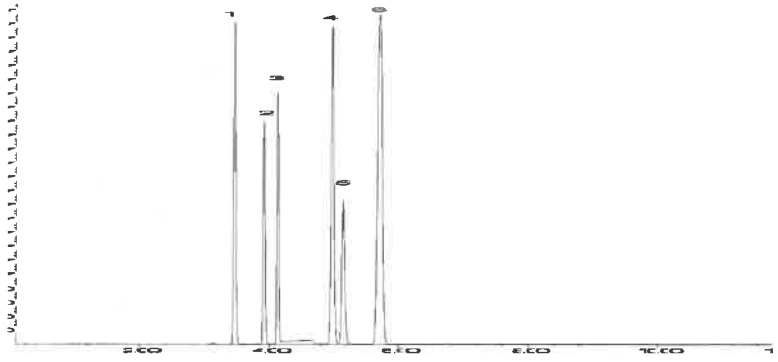
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

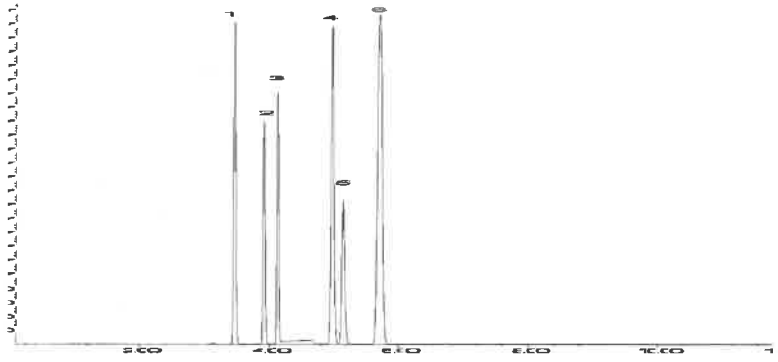
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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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.)

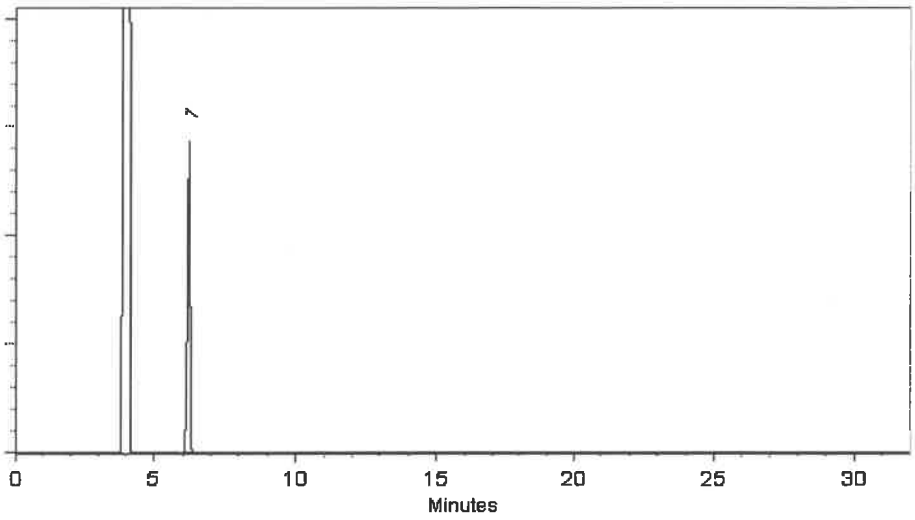
Inj. Temp:
200°C

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.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Zoviny Rec 01/08/21

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CERTIFIED REFERENCE MATERIAL

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V14803 - V14822

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

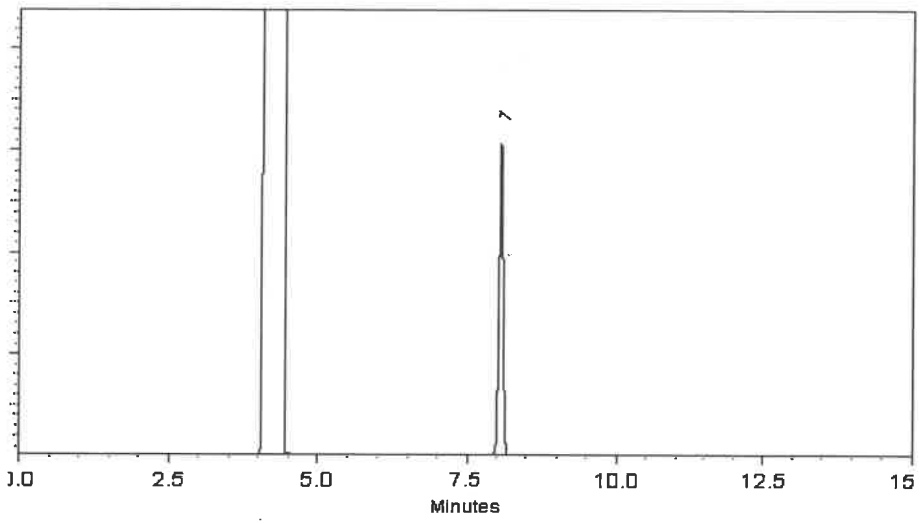
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- 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.

Zoviny Rec 01/08/21

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic

V14803 - V14822

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

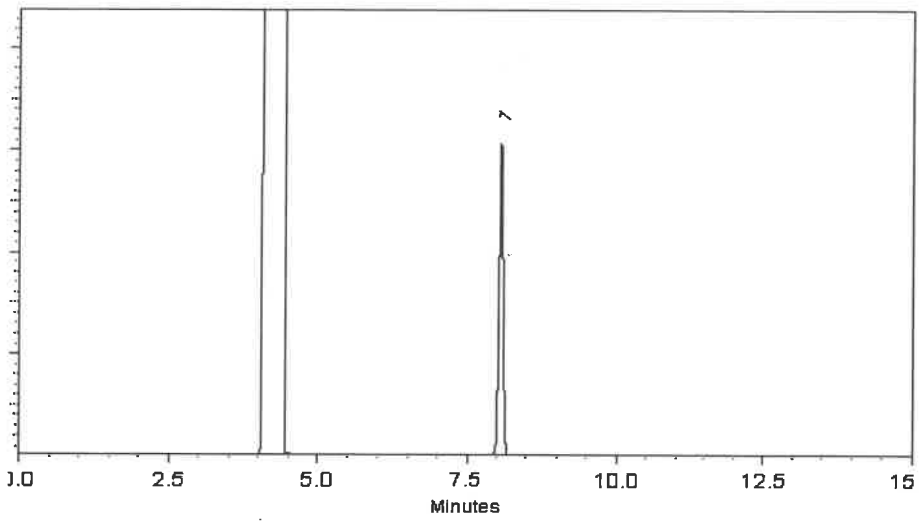
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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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.

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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.

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

avantor™ | J.T.Baker®

V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

avantor™ | J.T.Baker®

V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

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Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 05/21/25

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

5.014

Part Number:	91980
Lot Number:	051925
Description:	Acrolein
Expiration Date:	061925
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

J14944-V14948

5E-05 Balance Uncertainty

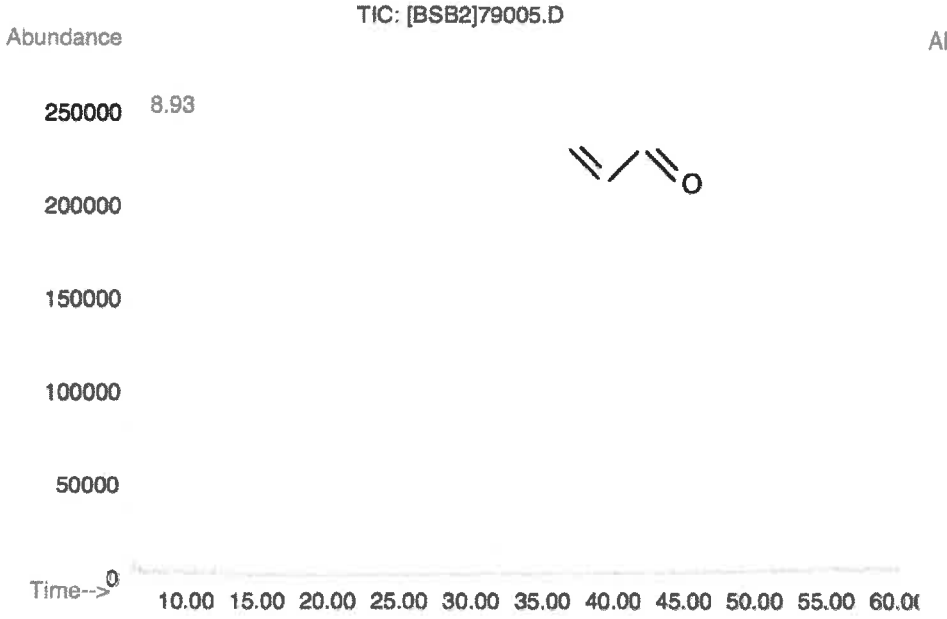
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

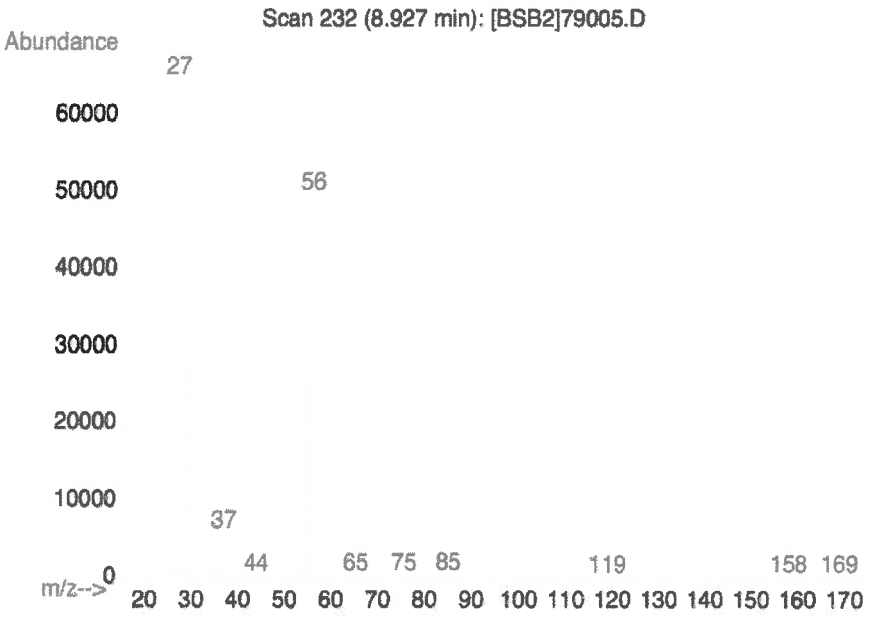
Lawrence Barry 051925
Formulated By: Lawrence Barry DATE

Pedro Rentas 051925
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	0.05170	5004.1	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).**
- **Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**
  Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 05/21/25

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

5.014

Part Number:	91980
Lot Number:	051925
Description:	Acrolein
Expiration Date:	061925
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

J14944-V14948

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Lawrence Barry 051925
Formulated By: Lawrence Barry DATE

Pedro Rentas 051925
Reviewed By: Pedro L. Rentas DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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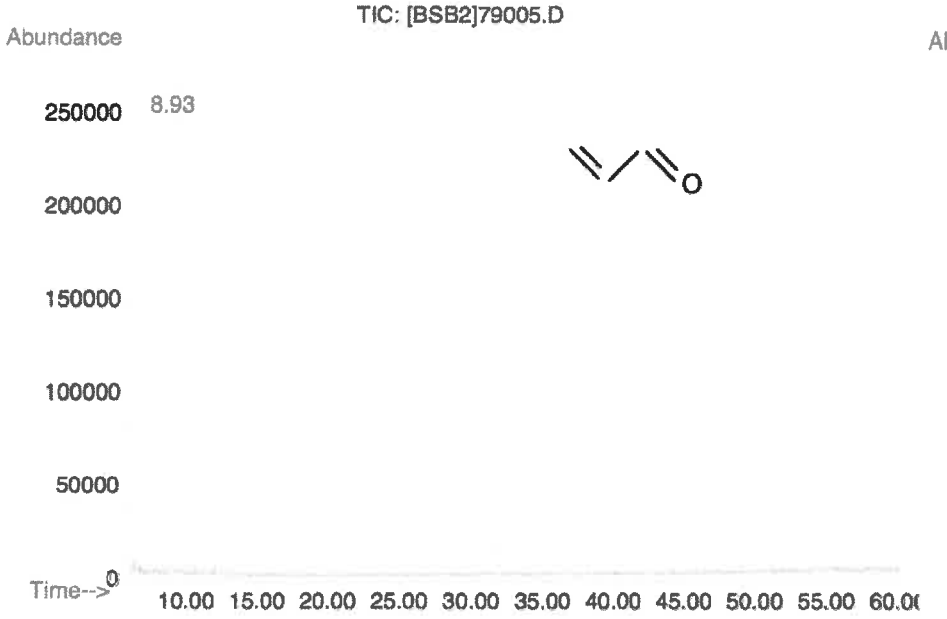
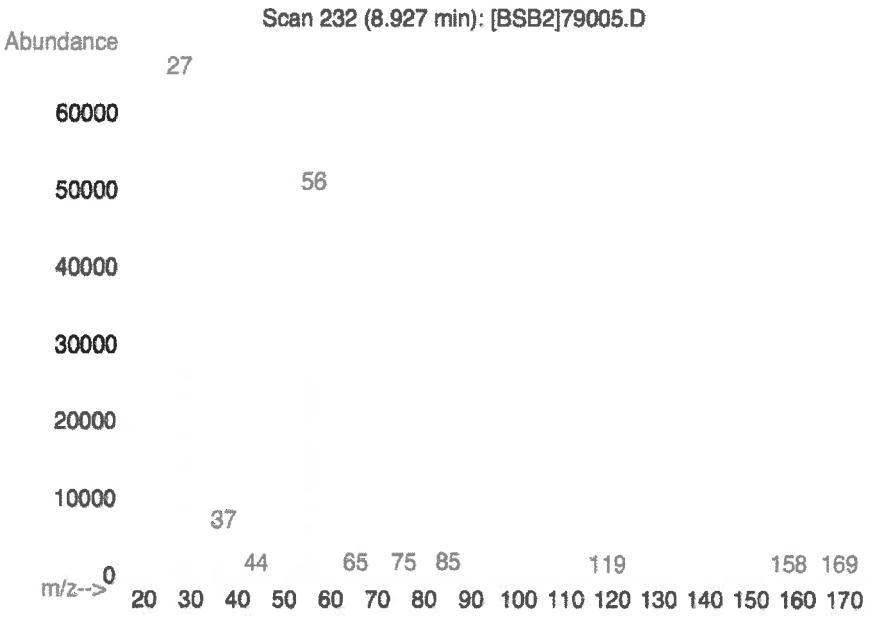
Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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  Rev 1.0, 2/25/2025

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Certified Reference Material CRM

Rec 05/21/25

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CERTIFIED WEIGHT REPORT

5.014

Part Number:	91980
Lot Number:	051925
Description:	Acrolein
Expiration Date:	061925
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

J14944-V14948

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Lawrence Barry 051925
Formulated By: Lawrence Barry DATE

Pedro Rentas 051925
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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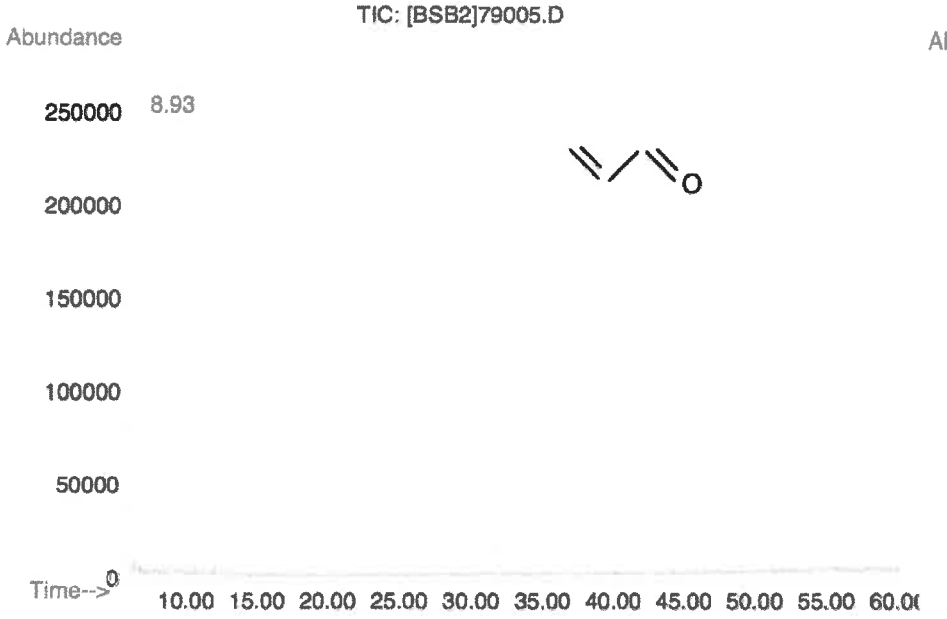

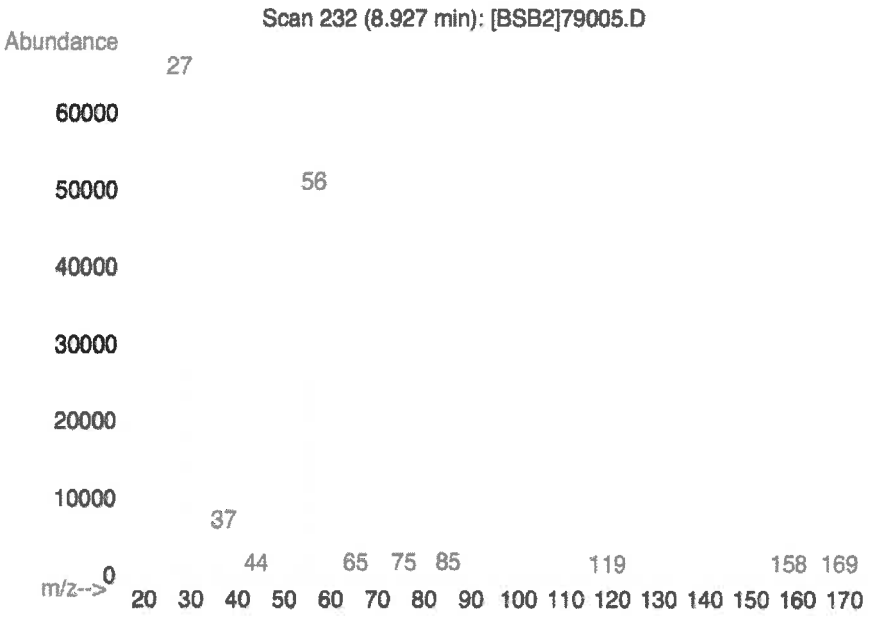

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CERTIFIED WEIGHT REPORT

5.014

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Expiration Date:	061925
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Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

J14944-V14948

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Lawrence Barry 051925
Formulated By: Lawrence Barry DATE

Pedro Rentas 051925
Reviewed By: Pedro L. Rentas DATE

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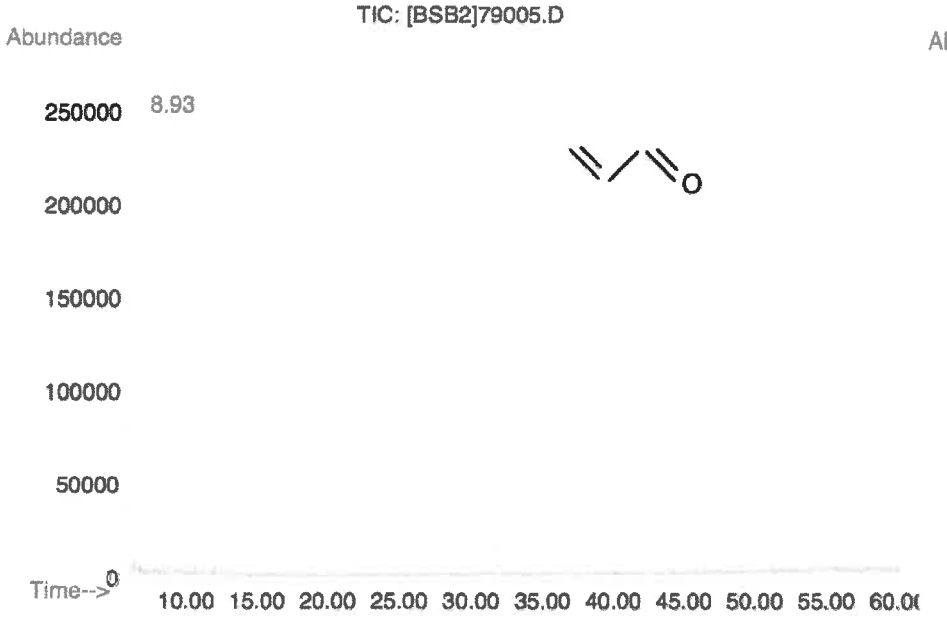

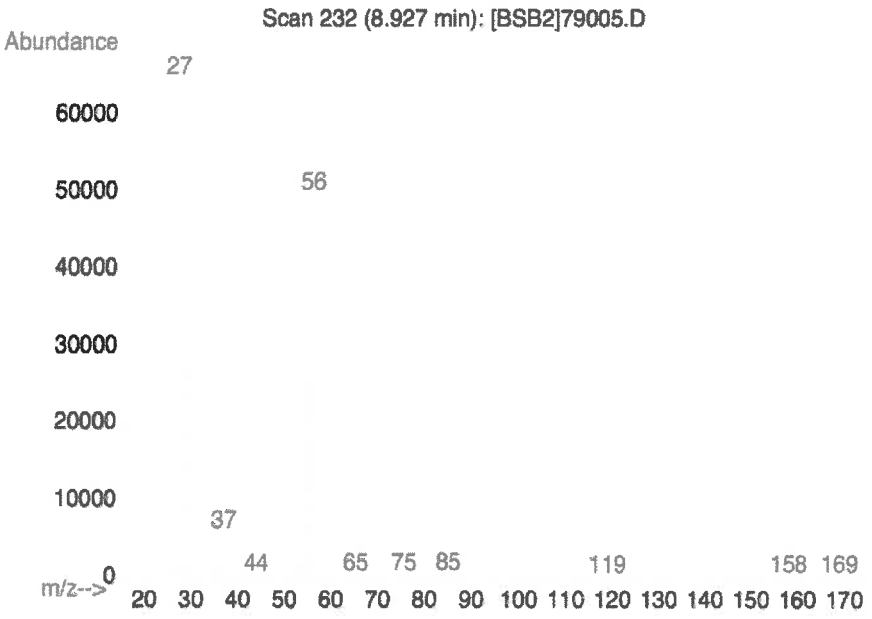

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  Rev 1.0, 2/25/2025

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2345/46
COC Number 2046497

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Resolution Consultants
ADDRESS:
CITY STATE: ZIP:
ATTENTION: Eleanor Vivadon
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: NWIRP BETHPAGE
PROJECT NO.: 6073872 LOCATION: Bethpage
PROJECT MANAGER: Eleanor Vivadon
e-mail: Eleanor.Vivadon@aecom.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Eleanor V. 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: 1,4 dioxane 8270 SIM
3: 1,4 dioxane 522
4
5
6
7
8
9

PRESERVATIVES

A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

COMMENTS

← Specify Preservatives

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
								A	F	F							
1.	EBOR-20250616	Aq		X	06/16	0800	3	2	1								equipment blank
2.	TB03-20250616	Aq		X		1215	2	2									trip blank
3.	BPOW6-1-20250616	GW		X		0930	4	2		2							
4.	BPOW6-2-20250616	GW		X		0930	4	2		2							
5.	DUP05-20250616	GW		X		1025	4	2		2							duplicate
6.	BPOW6-3-20250616	GW		X		1045	4	2		2							
7.	BPOW6-5-20250616	GW		X		1000	12 VA	6 2		2 6							MS/MSD
8.	BPOW6-6-20250616	GW		X		1010	4	2		2							
9.	BPOW6-10-20250616	GW		X		1205	4	2		2							
10.	BPOW6-9-20250616	GW		X		1215	4	2		2							

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Mano Achok	6-17-25 1200	1. 6-17-25 1200
2.	DATE/TIME:	2.
3.	6-17-25 1608	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.0 °C
Comments:

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2345/46
COC Number 2045857

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Resolution Consultants
ADDRESS:
CITY STATE: ZIP:
ATTENTION: Eleanor Vivadon
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: NWIRP BETHPAGE
PROJECT NO.: 60731872 LOCATION: Bethpage
PROJECT MANAGER: Eleanor Vivadon
e-mail: Eleanor.Vivadon@aecom.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Eleanor V. 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 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: 1,4 dioxane 8270SIM
3: 1,4 dioxane 522
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	F							← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	TT189D2-20250617	GW		X	06/17	0930	3	2	1								
2.	TT150S1-20250617	GW		X	06/17	0925	3	2	1								
3.	RW8-MW01D1-20250617	GW		X	06/17	1015	3	2	1								
4.	TT192D2-20250617	GW		X	06/17	1018	3	2	1								
5.	BPOW6-4-20250616	GW		X	06/16	1100	4	2		2							
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. Momo Aarde	6-17-25 1200	1. 6.17.25 1200
2.	DATE/TIME:	2.
3.	6-17-25 1608	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments:

Page 2 of 2

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.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2345 AECO15
Client Name : AECOM Technical Service
Client Contact : Eleanor Vivadou
Invoice Name : AECOM Technical Service
Invoice Contact : Eleanor Vivadou

Order Date : 6/17/2025 12:40:00 PM
Project Name : NAVFAC NWIRP Bethpag
Receive DateTime : 6/17/2025 ~~12:00:00 AM~~ 16:08 M
Purchase Order :

Project Mgr :
Report Type : ~~Results Only~~ NYS ASP B
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
Q2345-01	EB02-20250616	Water	06/16/2025	08:00					
					VOCMS Group1		8260-Low		10 Bus. Days
Q2345-02	TB03-20250616	Water	06/16/2025	12:15					
					VOCMS Group1		8260-Low		10 Bus. Days
Q2345-03	BPOW6-1-20250616	Water	06/16/2025	09:30					
					VOCMS Group1		8260-Low		10 Bus. Days
Q2345-04	BPOW6-2-20250616	Water	06/16/2025	09:30					
					VOCMS Group1		8260-Low		10 Bus. Days
Q2345-05	DUP05-20250616	Water	06/16/2025	10:25					
					VOCMS Group1		8260-Low		10 Bus. Days
Q2345-06	BPOW6-3-20250616	Water	06/16/2025	10:45					
					VOCMS Group1		8260-Low		10 Bus. Days
Q2345-07	BPOW6-5-20250616	Water	06/16/2025	10:00					
					VOCMS Group1		8260-Low		10 Bus. Days
Q2345-08	Q2345-07MS	Water	06/16/2025	10:00					

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

LOGIN REPORT/SAMPLE TRANSFER

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Client Contact : Eleanor Vivadou
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Invoice Contact : Eleanor Vivadou

Order Date : 6/17/2025 12:40:00 PM
Project Name : NAVFAC NWIRP Bethpage
Receive DateTime : 6/17/2025 ~~12:00:00 AM~~ 16:08 dd
Purchase Order :

Project Mgr :
Report Type : ~~Results Only~~ NYS ASP B
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
					VOCMS Group1		8260-Low	10 Bus. Days		
Q2345-09	Q2345-07MSD	Water	06/16/2025	10:00						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q2345-10	BPOW6-6-20250616	Water	06/16/2025	10:10						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q2345-11	BPOW6-10-20250616	Water	06/16/2025	12:05						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q2345-12	BPOW6-9-20250616	Water	06/16/2025	12:15						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q2345-13	TT189D2-~~2050617~~ 20250617 dd	Water	06/17/2025	09:30						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q2345-14	TT150S1-~~2050617~~ 20250617 dd	Water	06/17/2025	09:25						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q2345-15	RW8-MW01D1-20250617	Water	06/17/2025	10:15						
					VOCMS Group1		8260-Low	10 Bus. Days		

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2345 AECO15
Client Name : AECOM Technical Service
Client Contact : Eleanor Vivadou
Invoice Name : AECOM Technical Service
Invoice Contact : Eleanor Vivadou

Order Date : 6/17/2025 12:40:00 PM
Project Name : NAVFAC NWIRP Bethpag
Receive DateTime : 6/17/2025 ~~12:00:00 AM~~ 16:05 NP
Purchase Order :

Project Mgr :
Report Type : ~~Results Only~~ NYS ASP B
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
Q2345-16	TT192D2-~~2050617~~ 20250617	Water	06/~~17~~17/2025	10:18					
					VOCMS Group1		8260-Low		10 Bus. Days
Q2345-17	BPOW6-4-20250616	Water	06/~~17~~16/2025	11:00					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 6/18/25 9:30

Received By :
Date / Time : 06/18/25 9:30

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICC005

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	130530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	10456	5.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 11.580%#			
35) Dibromofluoromethane	5.403	113	7865	5.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.960%#			
50) Toluene-d8	8.653	98	29120	5.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 11.280%#			
62) 4-Bromofluorobenzene	11.079	95	11137	5.791	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 11.580%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	6051	4.342	ug/l	99
3) Chloromethane	1.307	50	7066	4.698	ug/l	90
4) Vinyl Chloride	1.386	62	7425	4.629	ug/l	99
5) Bromomethane	1.617	94	4837	5.360	ug/l	95
6) Chloroethane	1.703	64	4575	4.706	ug/l	92
7) Trichlorofluoromethane	1.904	101	11714	4.810	ug/l	92
8) Diethyl Ether	2.148	74	4038	4.831	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	7353	4.921	ug/l	96
10) Methyl Iodide	2.465	142	5830	7.181	ug/l	99
11) Tert butyl alcohol	2.959	59	3134	19.340	ug/l	99
12) 1,1-Dichloroethene	2.337	96	6884	4.775	ug/l	91
13) Acrolein	2.251	56	6208	26.301	ug/l	100
14) Allyl chloride	2.678	41	12195	4.668	ug/l	99
15) Acrylonitrile	3.081	53	17611	24.169	ug/l	99
16) Acetone	2.392	43	14275	23.710	ug/l	98
17) Carbon Disulfide	2.526	76	19624	4.507	ug/l	100
18) Methyl Acetate	2.721	43	7530	4.924	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	21254	4.734	ug/l	97
20) Methylene Chloride	2.800	84	8556	5.110	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	7425	4.813	ug/l	97
22) Diisopropyl ether	3.769	45	24580	4.895	ug/l #	67
23) Vinyl Acetate	3.739	43	92889	23.264	ug/l	98
24) 1,1-Dichloroethane	3.623	63	13761	4.827	ug/l	99
25) 2-Butanone	4.580	43	20821	24.452	ug/l	97
26) 2,2-Dichloropropane	4.483	77	10020	4.819	ug/l	96
27) cis-1,2-Dichloroethene	4.507	96	8891	4.906	ug/l	99
28) Bromochloromethane	4.910	49	6884	5.326	ug/l #	96
29) Tetrahydrofuran	5.025	42	13402	24.367	ug/l	99
30) Chloroform	5.099	83	14385	5.046	ug/l	86
31) Cyclohexane	5.483	56	12835	4.748	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	12150	4.859	ug/l	97
36) 1,1-Dichloropropene	5.702	75	10359	4.998	ug/l	99
37) Ethyl Acetate	4.733	43	8763	4.580	ug/l	96
38) Carbon Tetrachloride	5.690	117	11043	4.909	ug/l	98
39) Methylcyclohexane	7.391	83	13704	5.024	ug/l #	87
40) Benzene	6.050	78	31061	5.064	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	4488	4.400	ug/l	#	92
42) 1,2-Dichloroethane	6.104	62	11029	5.116	ug/l		98
43) Isopropyl Acetate	6.348	43	14711	4.914	ug/l		97
44) Trichloroethene	7.135	130	7703	4.927	ug/l		93
45) 1,2-Dichloropropane	7.433	63	7529	4.952	ug/l		97
46) Dibromomethane	7.592	93	5267	4.821	ug/l		95
47) Bromodichloromethane	7.824	83	11072	4.966	ug/l		96
48) Methyl methacrylate	7.702	41	6864	4.571	ug/l		99
49) 1,4-Dioxane	7.671	88	1949	113.091	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	44282	24.800	ug/l		97
52) Toluene	8.720	92	19190	5.046	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	9497	4.591	ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	11188	4.764	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	7151	5.046	ug/l		95
56) Ethyl methacrylate	9.122	69	10101	4.828	ug/l		99
57) 1,3-Dichloropropane	9.311	76	12483	5.115	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	26158	24.071	ug/l		100
59) 2-Hexanone	9.433	43	30938	25.062	ug/l		99
60) Dibromochloromethane	9.518	129	8249	4.939	ug/l		99
61) 1,2-Dibromoethane	9.610	107	7221	5.009	ug/l		98
64) Tetrachloroethene	9.275	164	6755	4.980	ug/l		97
65) Chlorobenzene	10.079	112	21807	5.046	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	7006	4.823	ug/l		98
67) Ethyl Benzene	10.195	91	37295	4.939	ug/l		98
68) m/p-Xylenes	10.299	106	27609	9.812	ug/l		96
69) o-Xylene	10.640	106	13421	5.090	ug/l		97
70) Styrene	10.659	104	22403	4.855	ug/l		100
71) Bromoform	10.799	173	5248	4.744	ug/l	#	100
73) Isopropylbenzene	10.963	105	36281	4.878	ug/l		99
74) N-amyl acetate	10.841	43	12496	4.434	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	10468	5.040	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	10741	5.236	ug/l		90
77) Bromobenzene	11.201	156	8694	4.857	ug/l		95
78) n-propylbenzene	11.305	91	42848	4.850	ug/l		100
79) 2-Chlorotoluene	11.366	91	26221	4.971	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	29167	4.772	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	2663	4.070	ug/l		94
82) 4-Chlorotoluene	11.457	91	30097	4.889	ug/l		99
83) tert-Butylbenzene	11.713	119	30728	4.864	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	30213	4.920	ug/l		98
85) sec-Butylbenzene	11.890	105	39588	4.958	ug/l		100
86) p-Isopropyltoluene	12.006	119	33076	4.909	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	17198	4.928	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	17600	4.910	ug/l		95
89) n-Butylbenzene	12.329	91	29990	4.688	ug/l		98
90) Hexachloroethane	12.536	117	5285	4.480	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	16203	4.968	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1982	4.834	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	10507	4.532	ug/l		99
94) Hexachlorobutadiene	13.725	225	4953	5.078	ug/l		95
95) Naphthalene	13.774	128	29158	4.414	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	10725	4.835	ug/l		96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

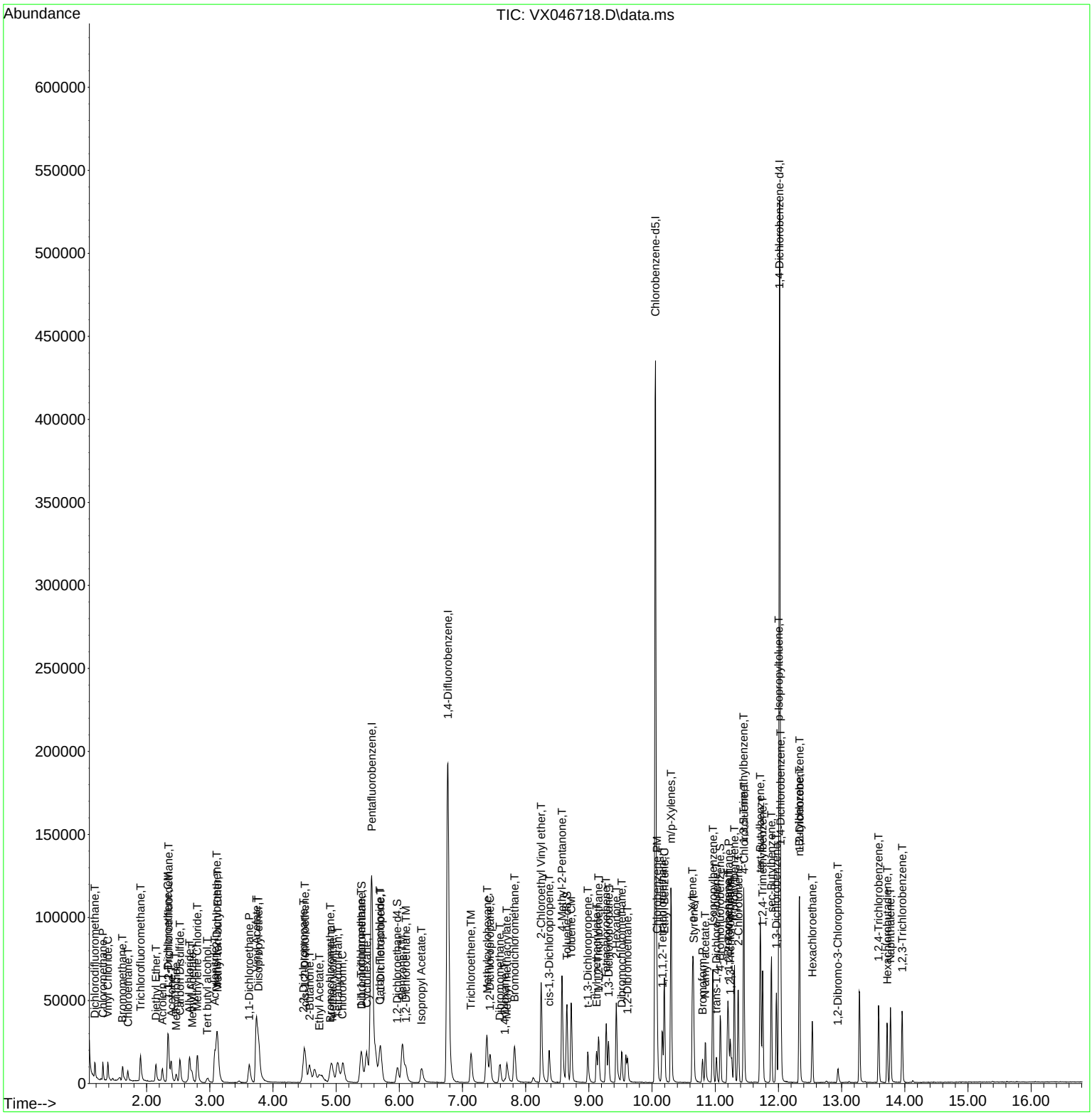
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

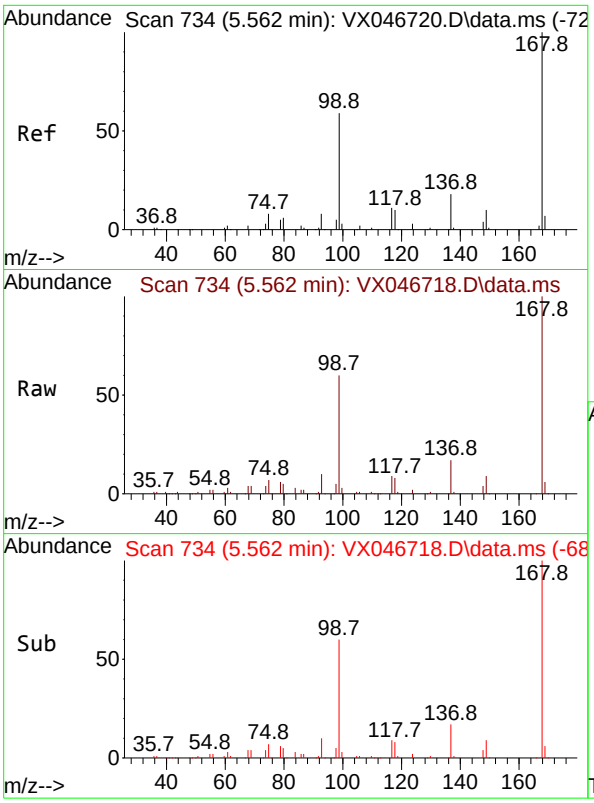
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration



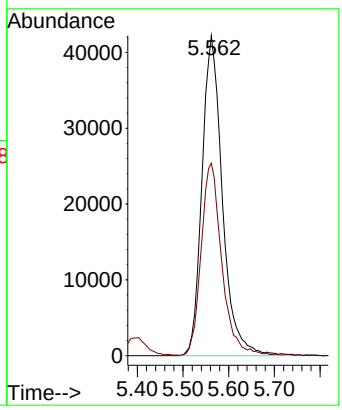


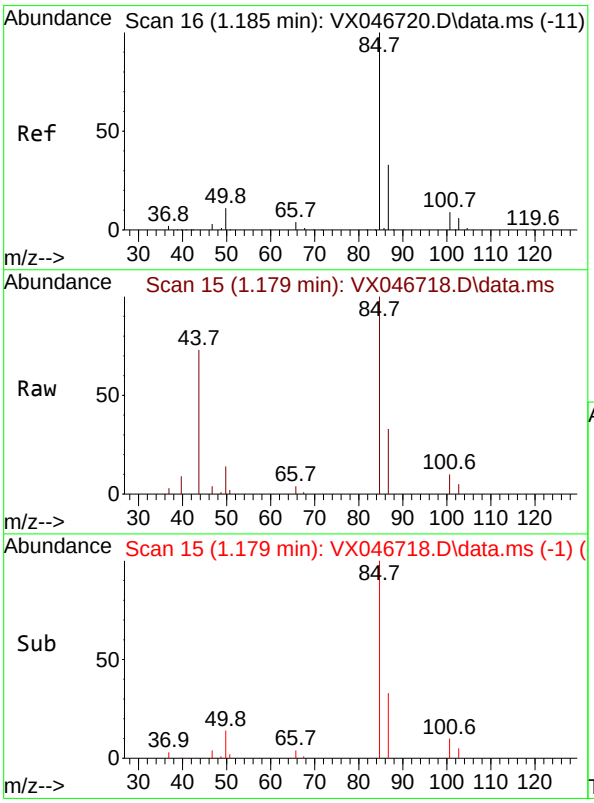
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 130530

Ion	Ratio	Lower	Upper
168	100		
99	60.0	48.5	72.7

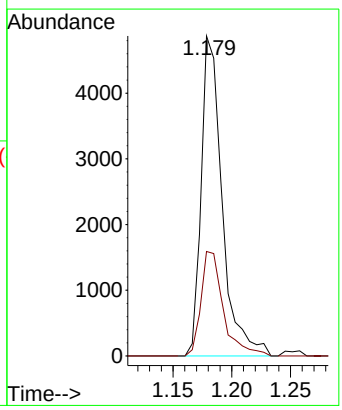


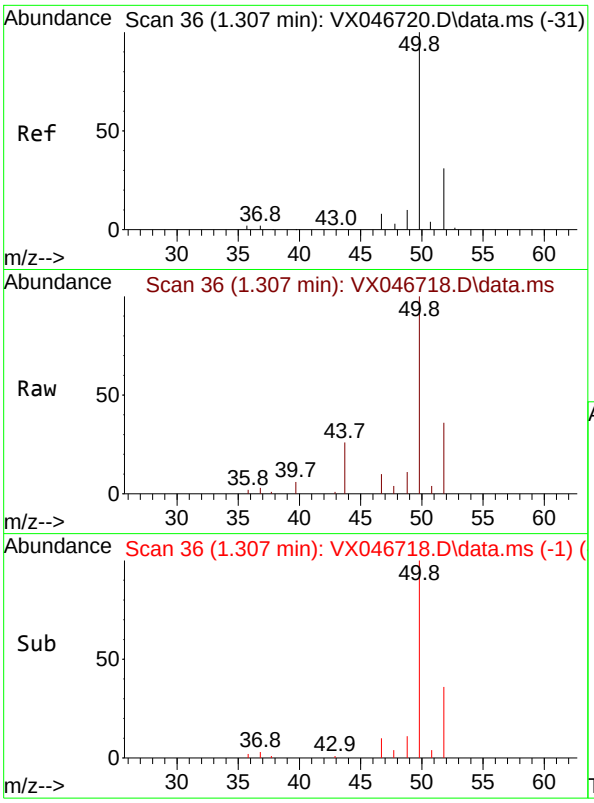


#2
Dichlorodifluoromethane
Concen: 4.342 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 85 Resp: 6051

Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.6	49.8



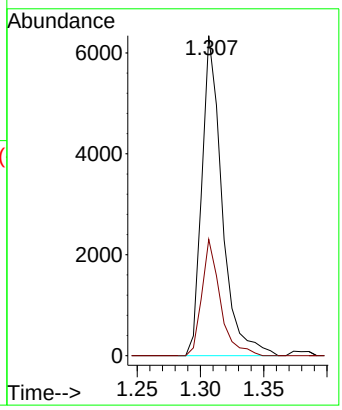


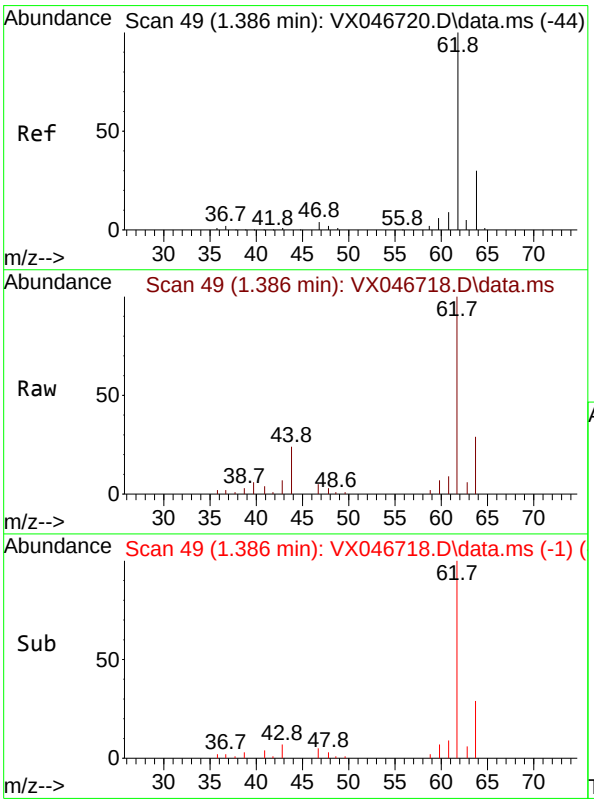
#3
Chloromethane
Concen: 4.698 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 7066

Ion	Ratio	Lower	Upper
50	100		
52	36.4	24.9	37.3

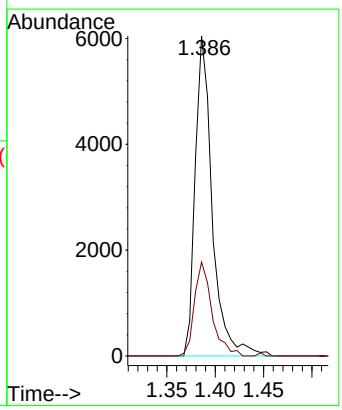


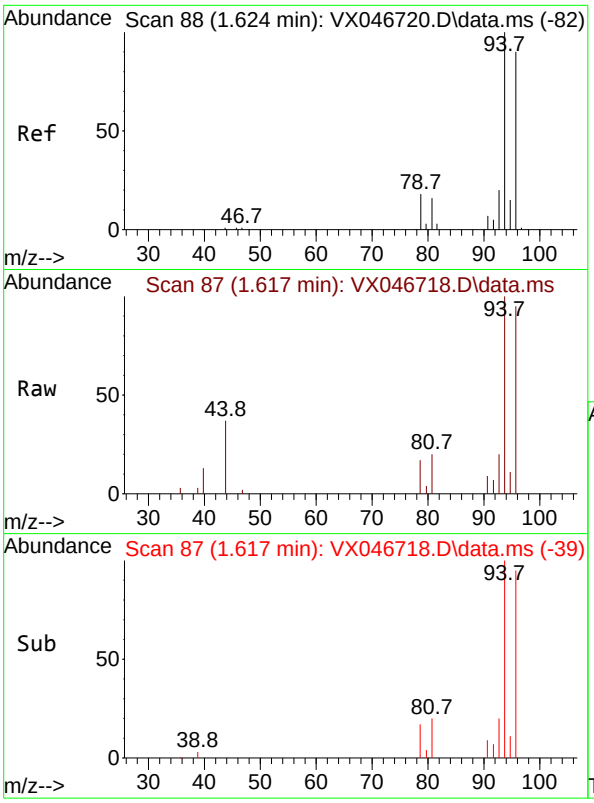


#4
Vinyl Chloride
Concen: 4.629 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 62 Resp: 7425

Ion	Ratio	Lower	Upper
62	100		
64	29.3	23.9	35.9



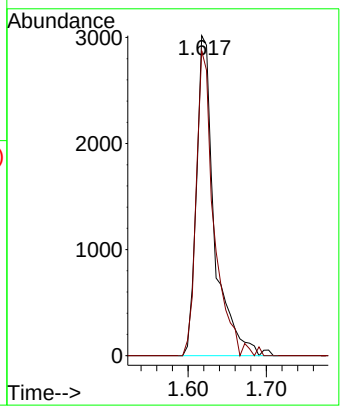


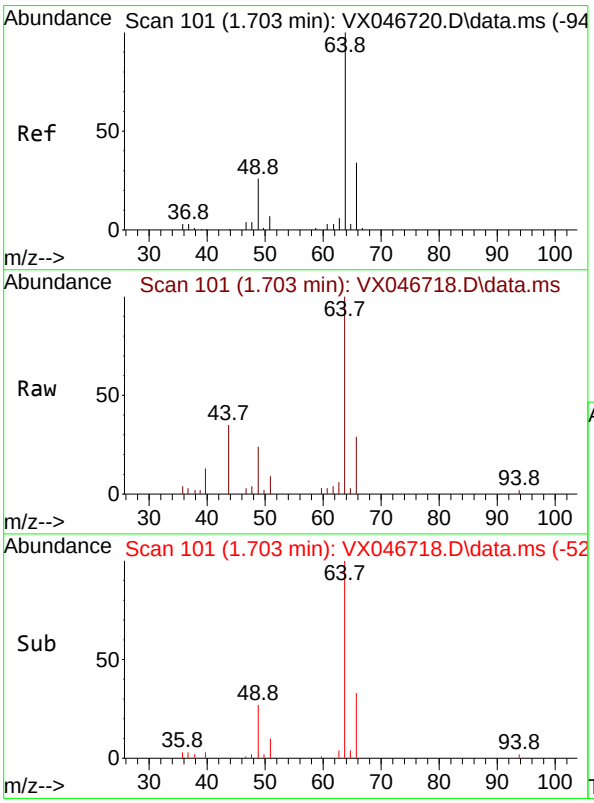
#5
Bromomethane
Concen: 5.360 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 4837

Ion	Ratio	Lower	Upper
94	100		
96	95.3	72.3	108.5

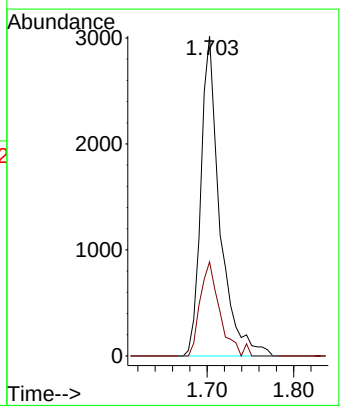


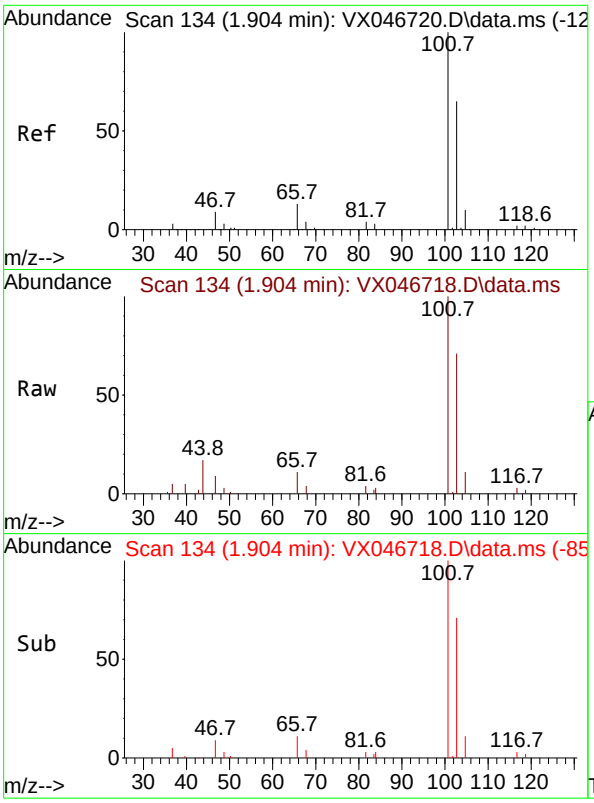


#6
Chloroethane
Concen: 4.706 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 64 Resp: 4575

Ion	Ratio	Lower	Upper
64	100		
66	29.4	27.1	40.7



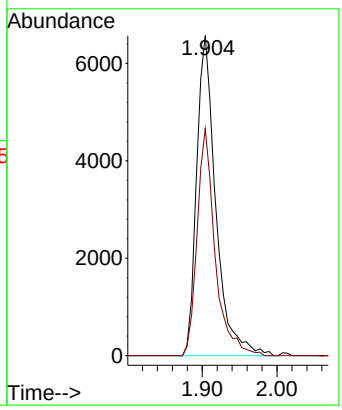


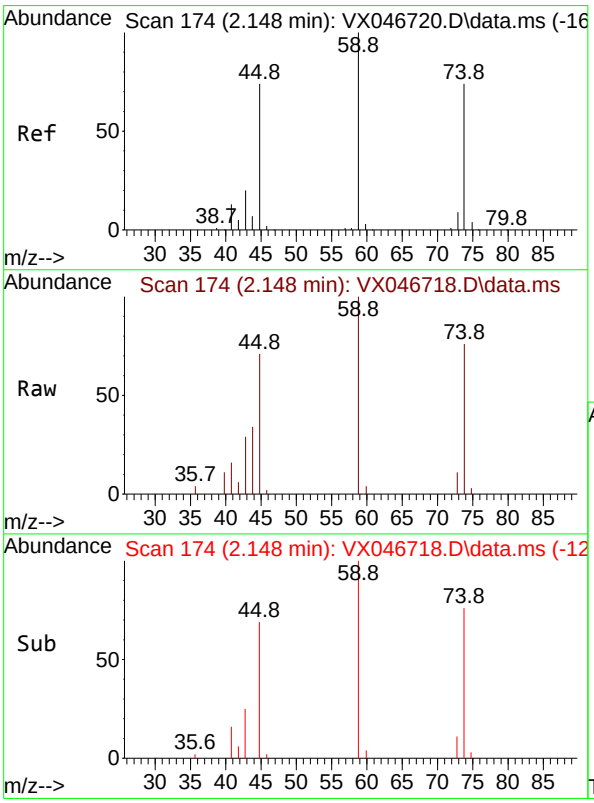
#7
Trichlorofluoromethane
Concen: 4.810 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 11714

Ion	Ratio	Lower	Upper
101	100		
103	70.9	51.8	77.8

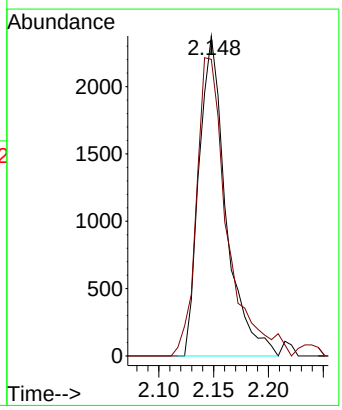


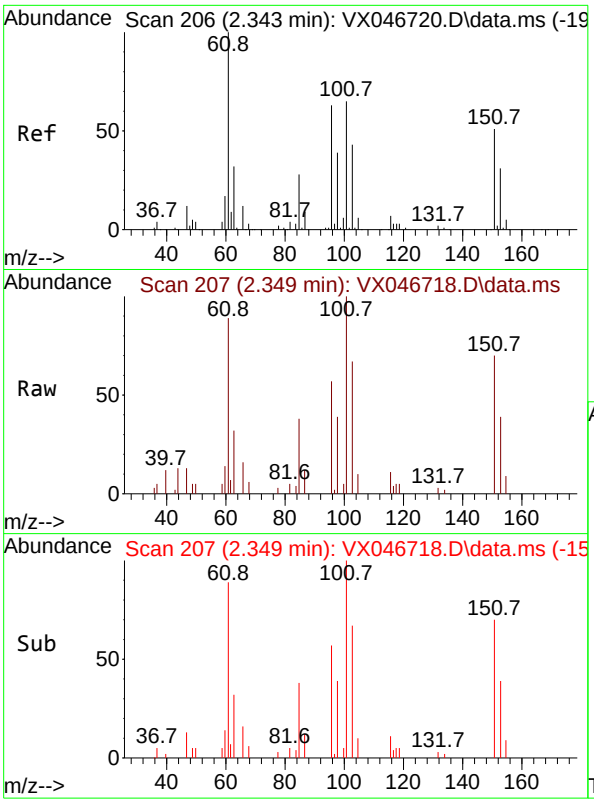


#8
Diethyl Ether
Concen: 4.831 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 74 Resp: 4038

Ion	Ratio	Lower	Upper
74	100		
45	106.5	52.3	157.1



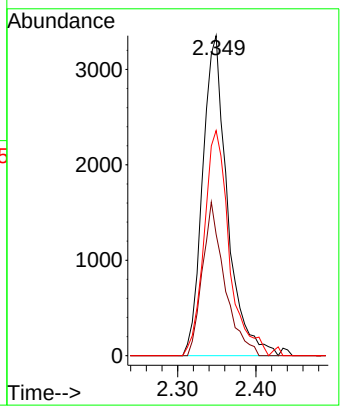


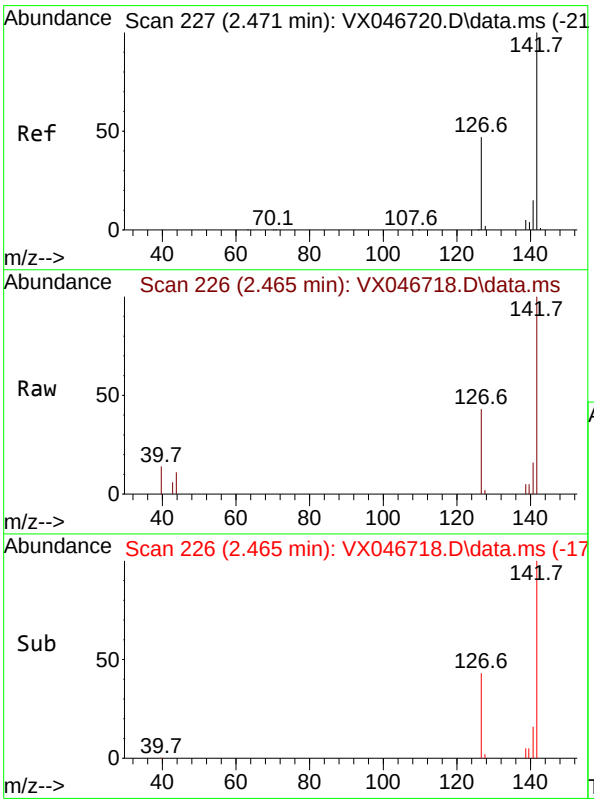
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.921 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 7353

Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.4	53.0
151	71.5	61.2	91.8

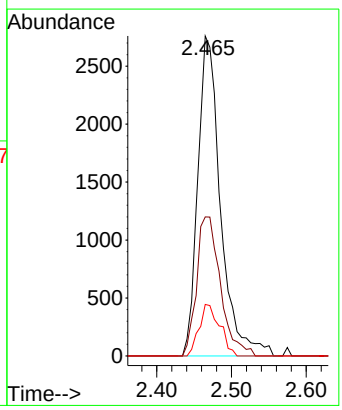


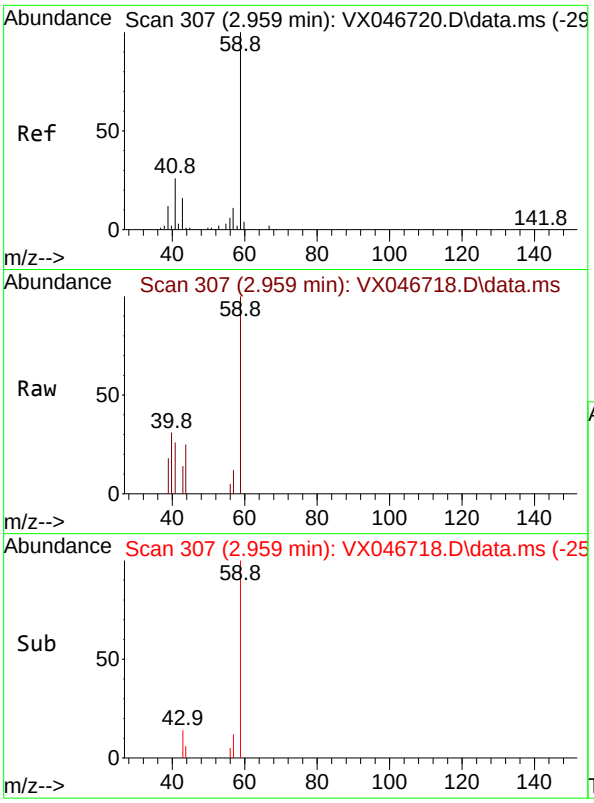


#10
Methyl Iodide
Concen: 7.181 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:142 Resp: 5830

Ion	Ratio	Lower	Upper
142	100		
127	45.5	37.0	55.6
141	14.6	11.5	17.3



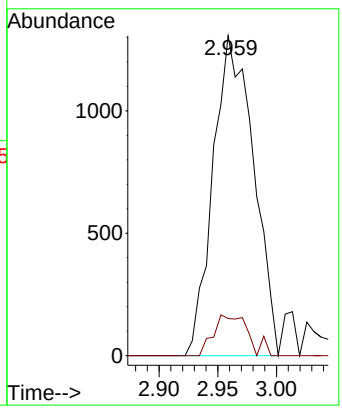


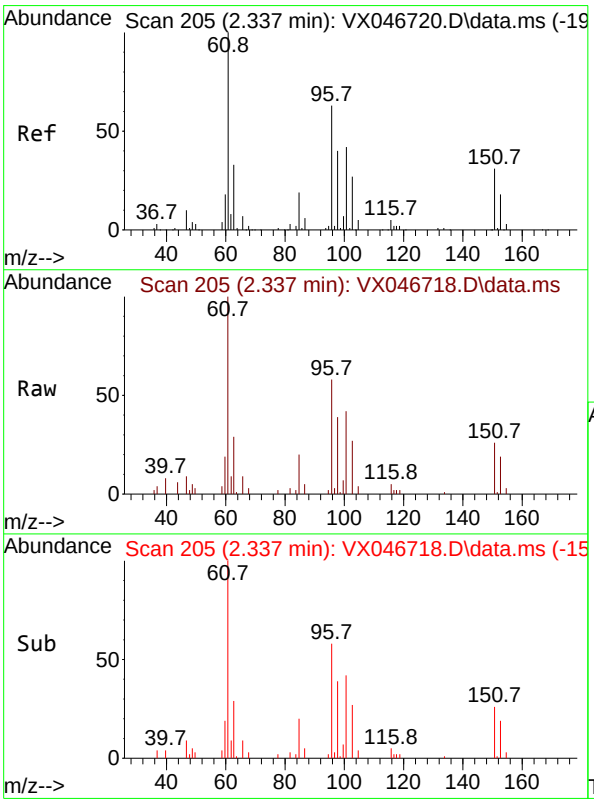
#11
Tert butyl alcohol
Concen: 19.340 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 3134

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.3	12.5

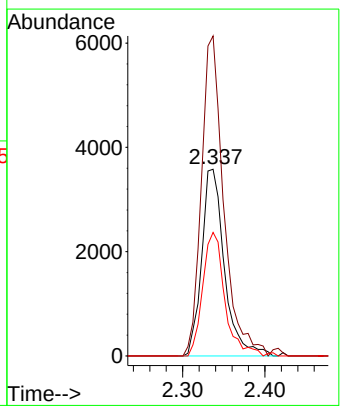


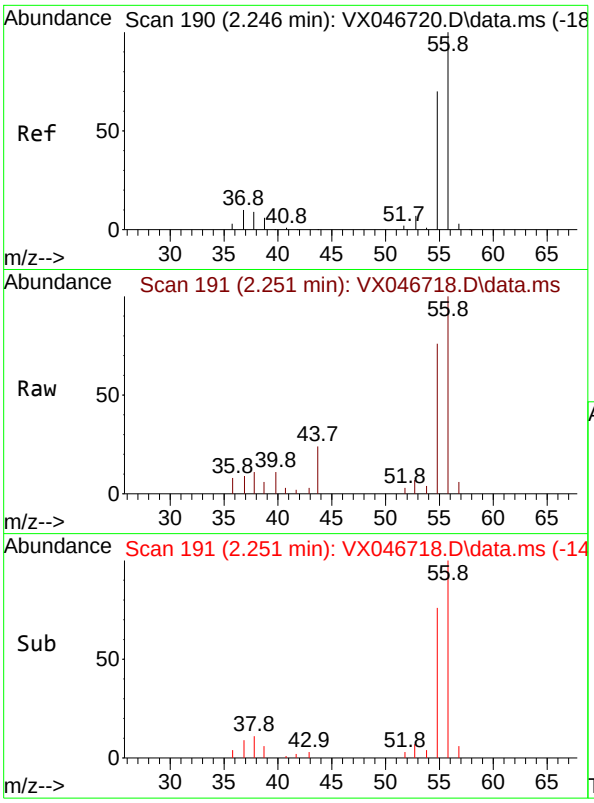


#12
1,1-Dichloroethene
Concen: 4.775 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 96 Resp: 6884

Ion	Ratio	Lower	Upper
96	100		
61	171.4	126.6	189.8
98	68.2	50.7	76.1



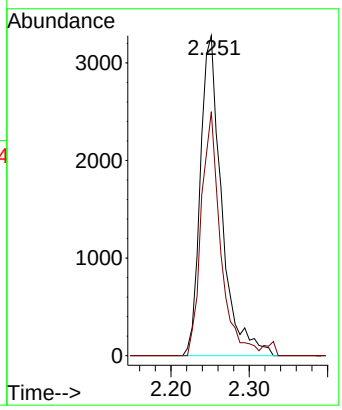


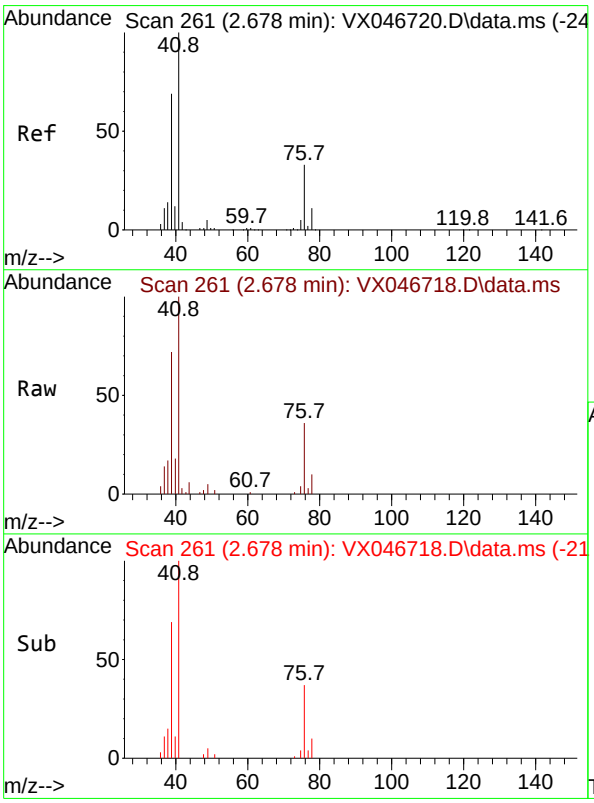
#13
Acrolein
Concen: 26.301 ug/l
RT: 2.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 6208

Ion	Ratio	Lower	Upper
56	100		
55	68.8	55.2	82.8

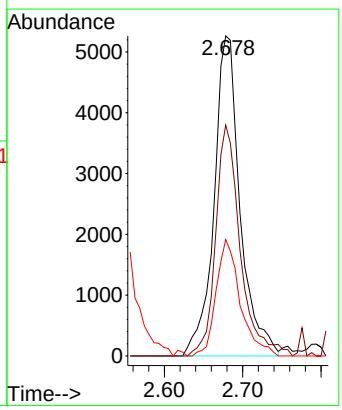


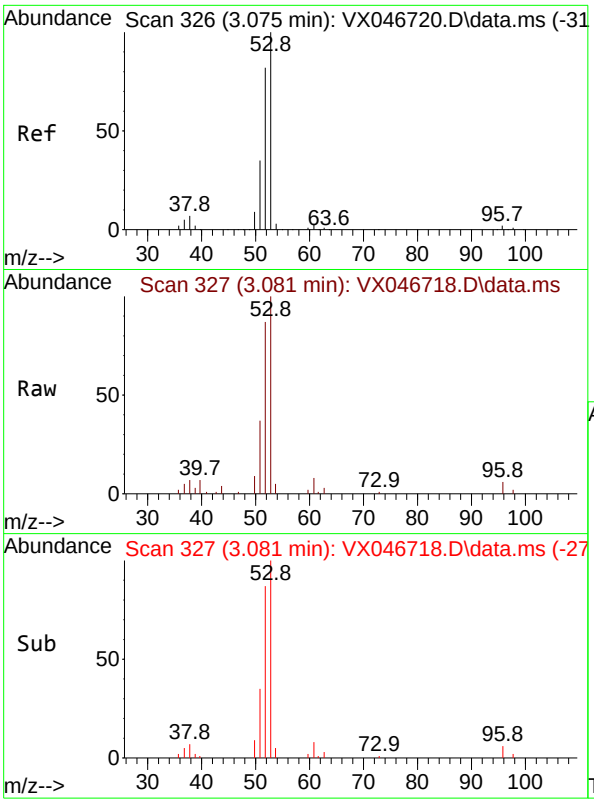


#14
Allyl chloride
Concen: 4.668 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 41 Resp: 12195

Ion	Ratio	Lower	Upper
41	100		
39	68.1	53.6	80.4
76	33.8	26.8	40.2



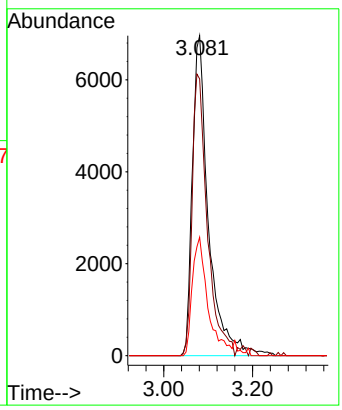


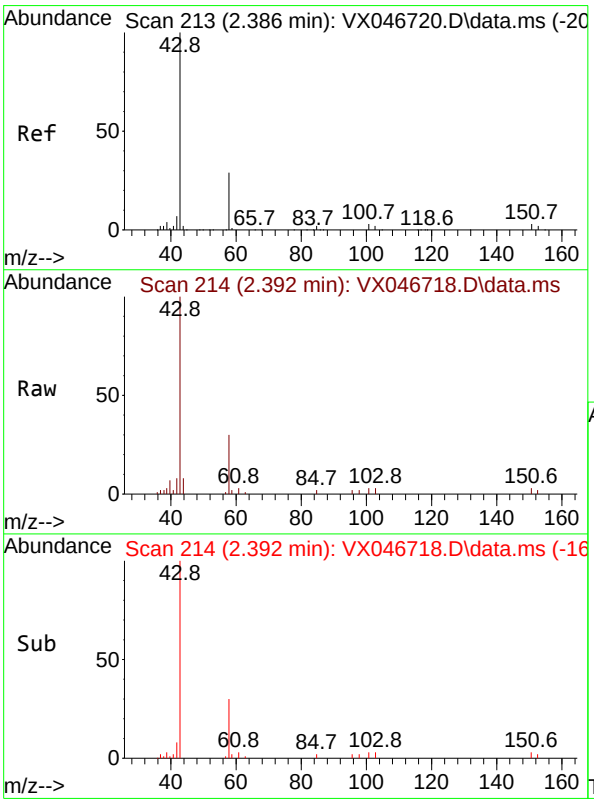
#15
Acrylonitrile
Concen: 24.169 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 17611

Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.1	97.7
51	35.6	28.9	43.3

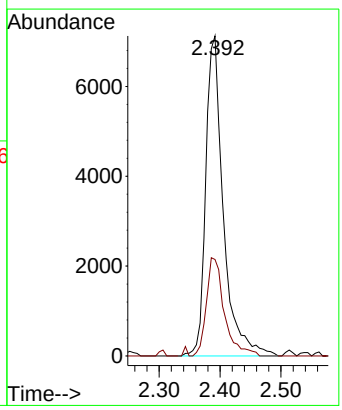


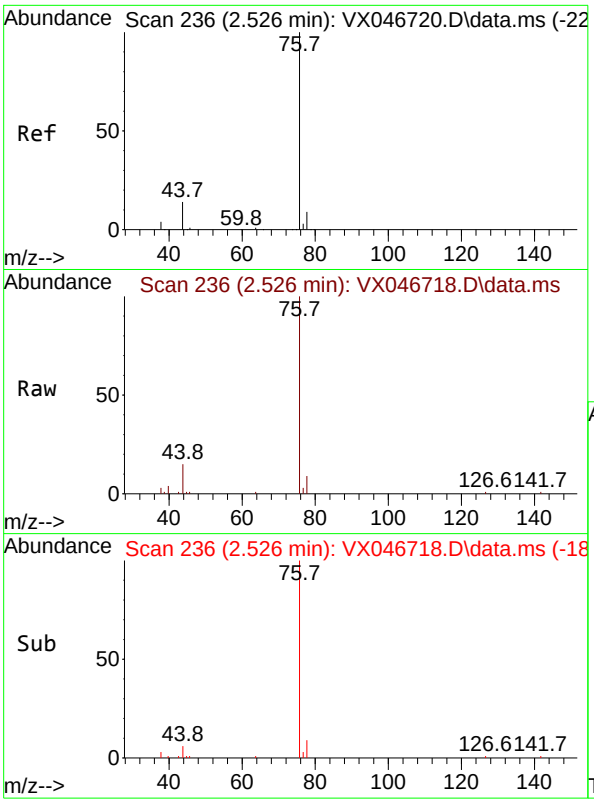


#16
Acetone
Concen: 23.710 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 14275

Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.5	36.7



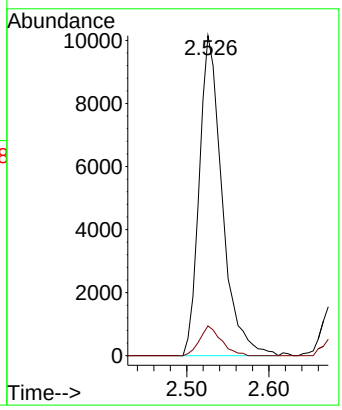


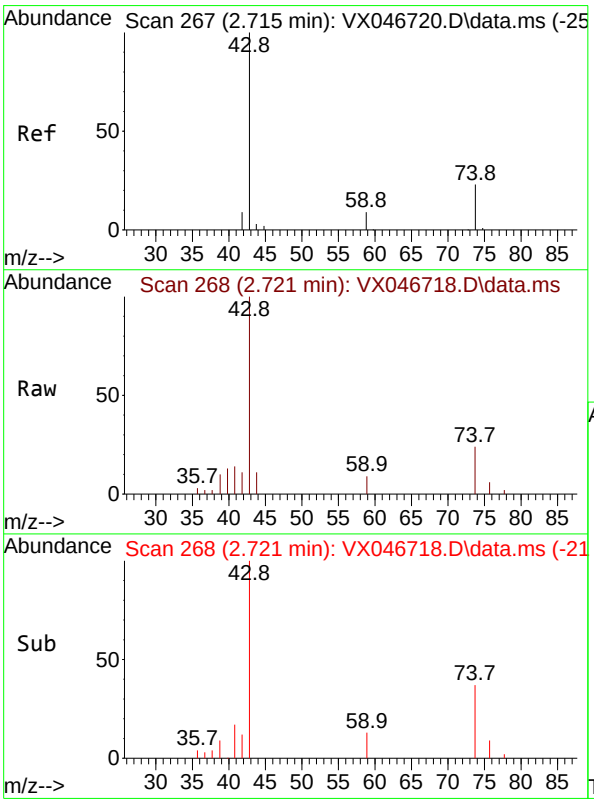
#17
Carbon Disulfide
Concen: 4.507 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 19624

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

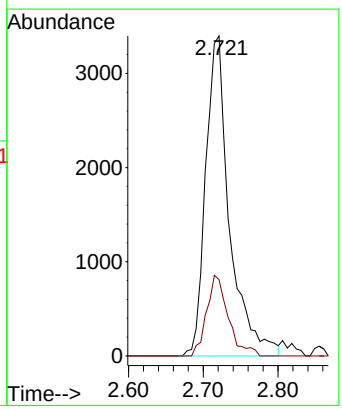


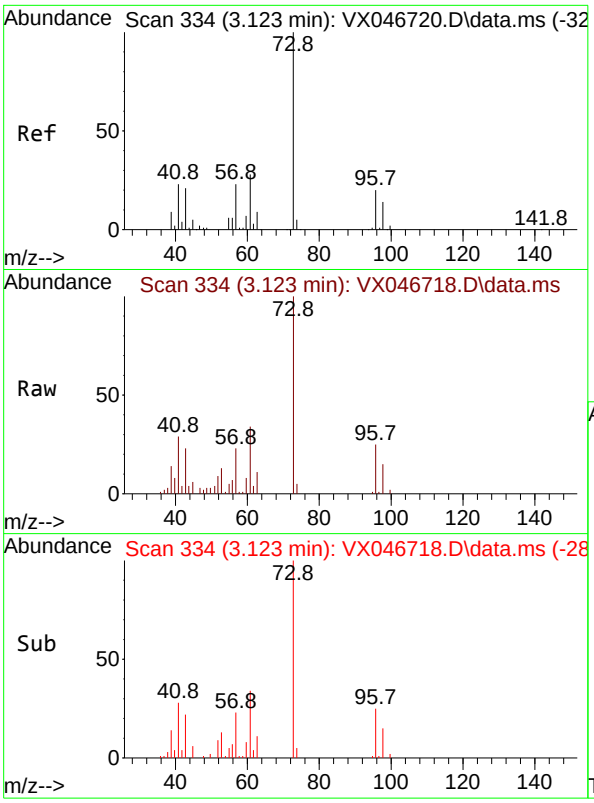


#18
Methyl Acetate
Concen: 4.924 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 7530

Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.4	27.6



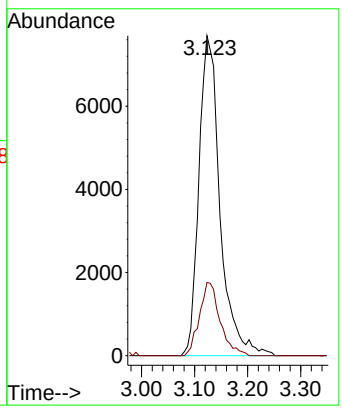


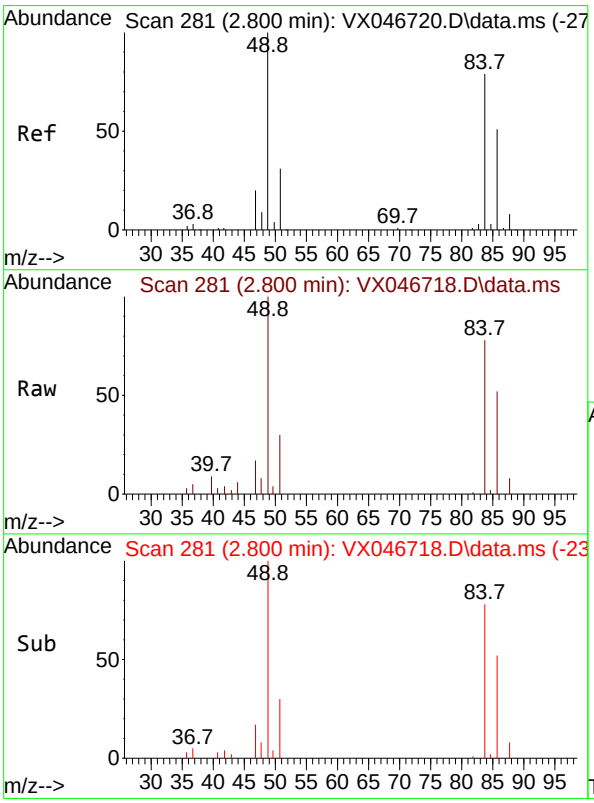
#19
Methyl tert-butyl Ether
Concen: 4.734 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 21254

Ion	Ratio	Lower	Upper
73	100		
57	24.0	18.2	27.2

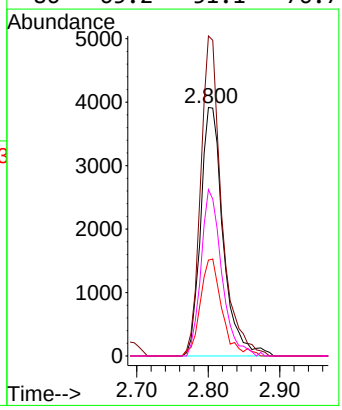


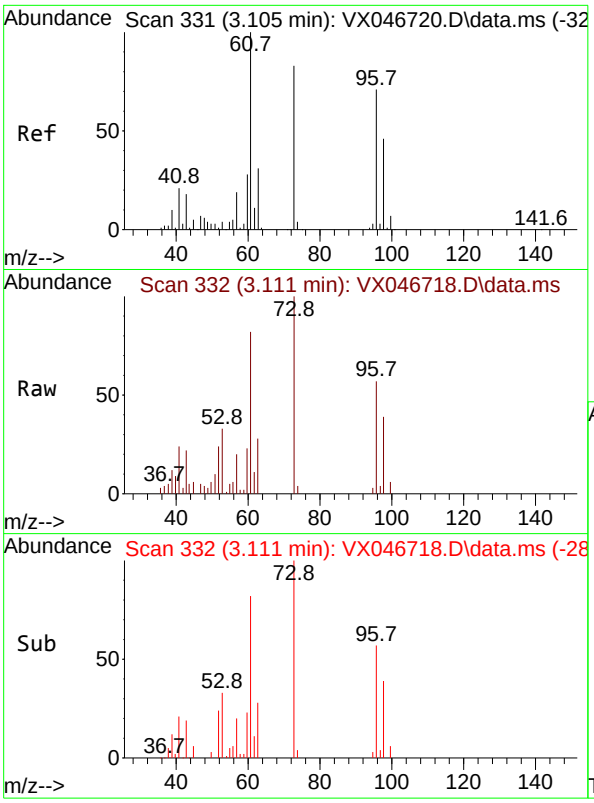


#20
Methylene Chloride
Concen: 5.110 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 84 Resp: 8556

Ion	Ratio	Lower	Upper
84	100		
49	130.6	101.3	151.9
51	37.6	31.0	46.6
86	65.2	51.1	76.7



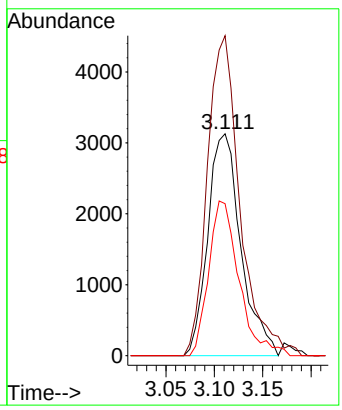


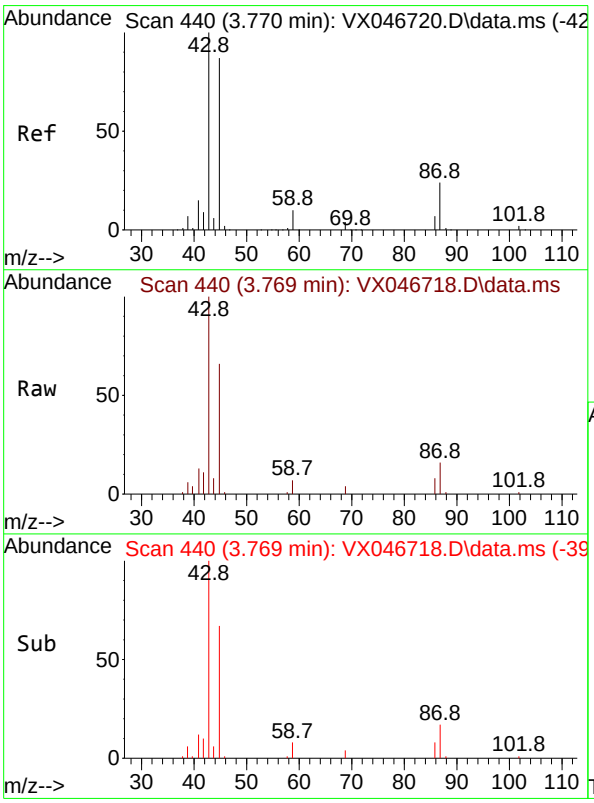
#21
trans-1,2-Dichloroethene
Concen: 4.813 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 7425

Ion	Ratio	Lower	Upper
96	100		
61	144.2	112.5	168.7
98	68.5	51.9	77.9

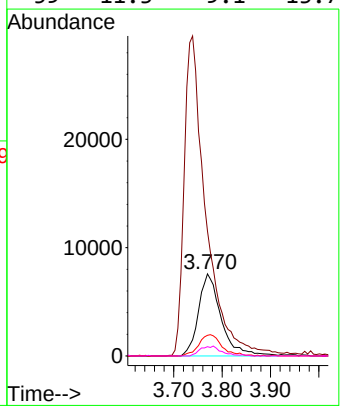


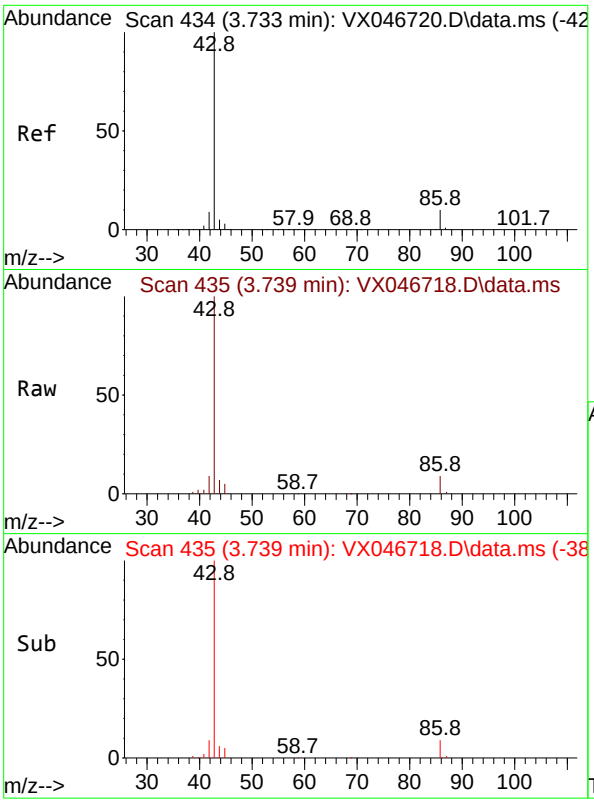


#22
Diisopropyl ether
Concen: 4.895 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 45 Resp: 24580

Ion	Ratio	Lower	Upper
45	100		
43	160.9	91.9	137.9#
87	25.1	22.0	33.0
59	11.3	9.1	13.7



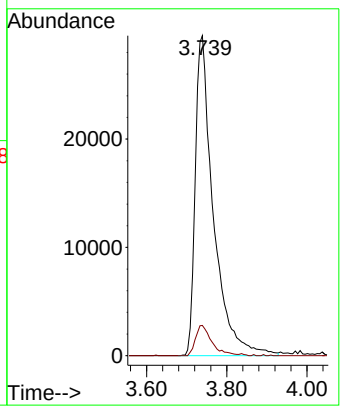


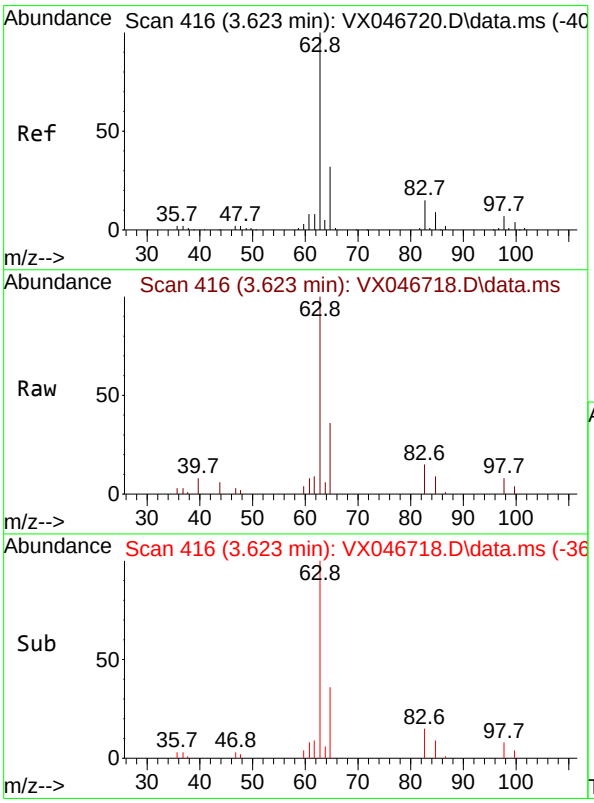
#23
Vinyl Acetate
Concen: 23.264 ug/l
RT: 3.739 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 92889

Ion	Ratio	Lower	Upper
43	100		
86	9.5	8.2	12.2

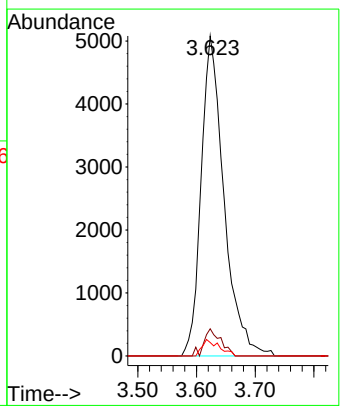


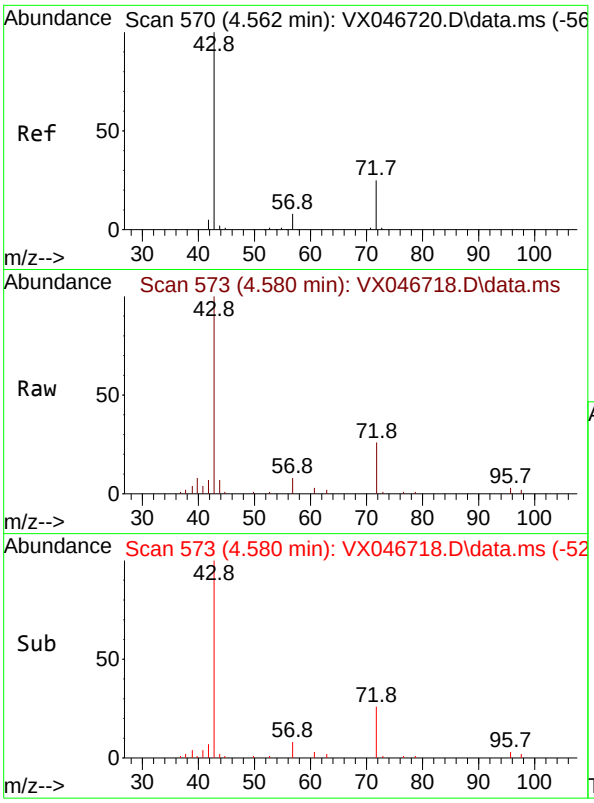


#24
1,1-Dichloroethane
Concen: 4.827 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 63 Resp: 13761

Ion	Ratio	Lower	Upper
63	100		
98	8.5	4.0	11.9
100	4.2	2.2	6.6



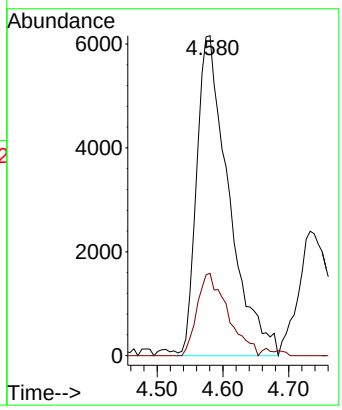


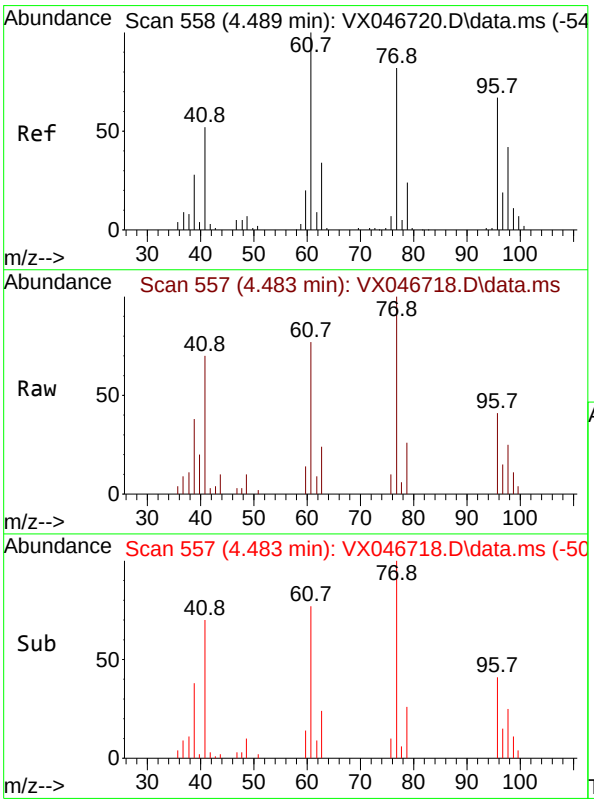
#25
2-Butanone
Concen: 24.452 ug/l
RT: 4.580 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 20821

Ion	Ratio	Lower	Upper
43	100		
72	26.8	20.2	30.4

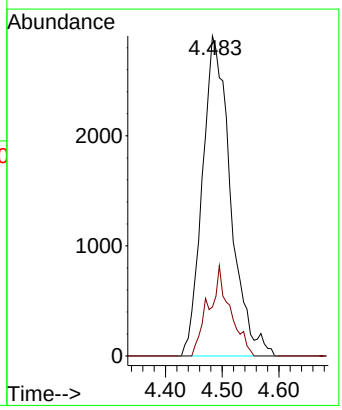


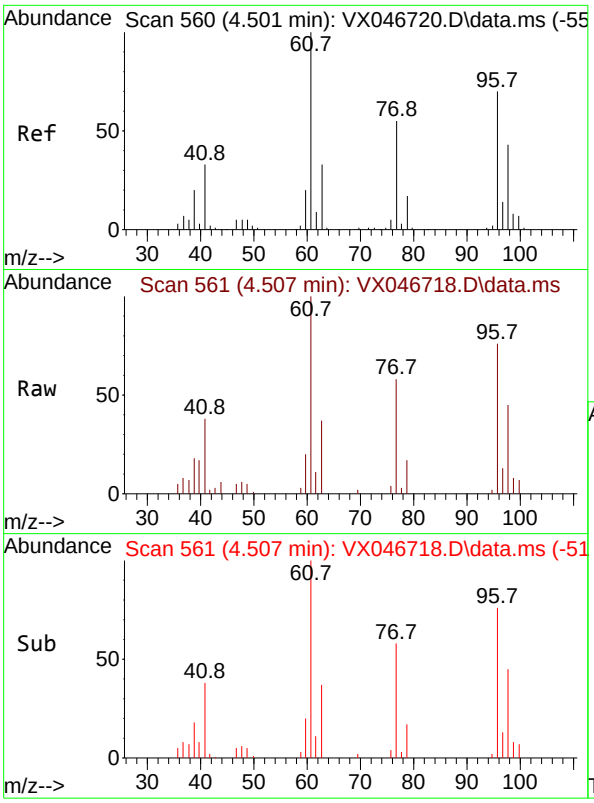


#26
2,2-Dichloropropane
Concen: 4.819 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 77 Resp: 10020

Ion	Ratio	Lower	Upper
77	100		
97	21.7	11.8	35.3



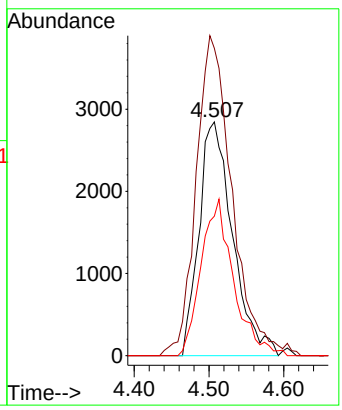


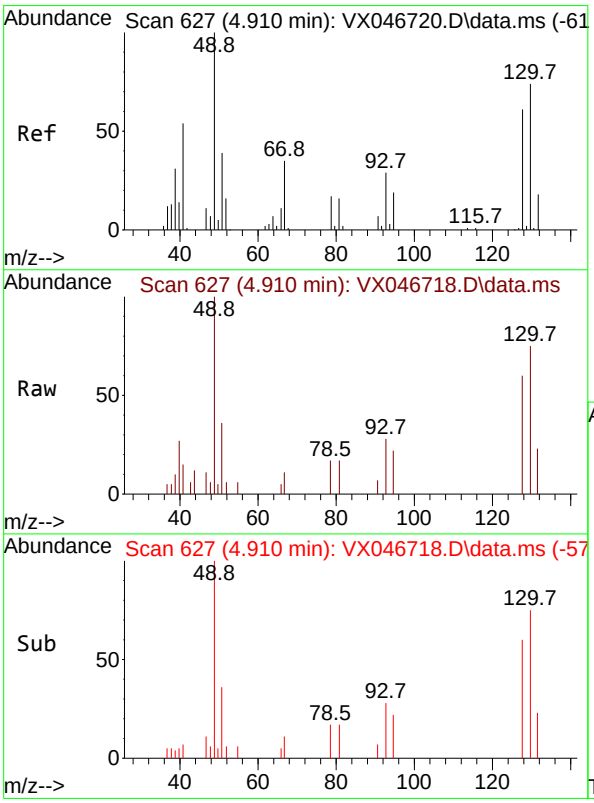
#27
cis-1,2-Dichloroethene
Concen: 4.906 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 8891

Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	291.0
98	64.6	0.0	126.8

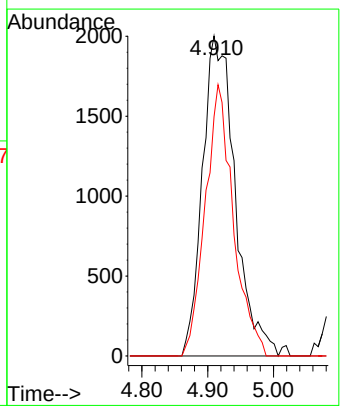


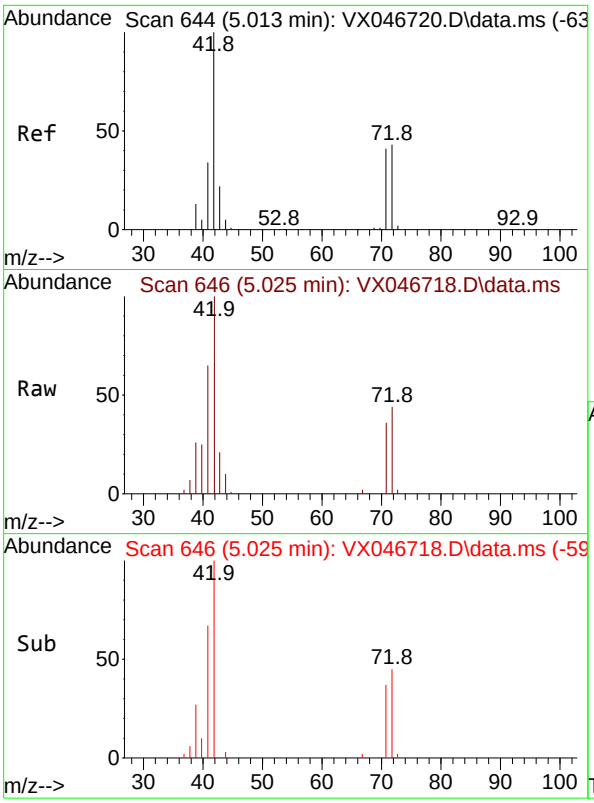


#28
Bromochloromethane
Concen: 5.326 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 49 Resp: 6884

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	73.3	61.4	92.0



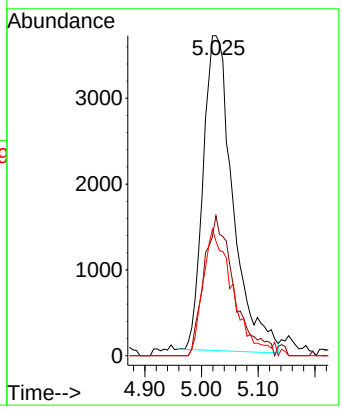


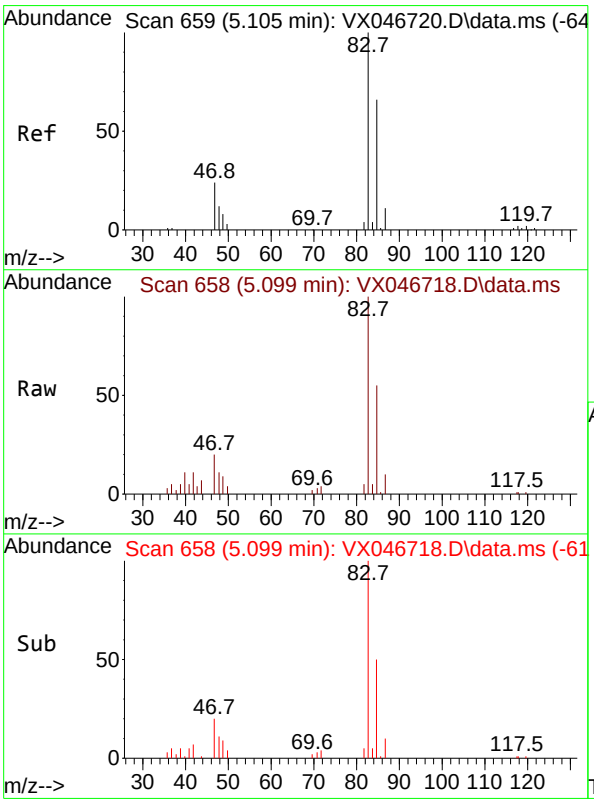
#29
Tetrahydrofuran
Concen: 24.367 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 13402

Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.9	52.3
71	40.5	32.2	48.2

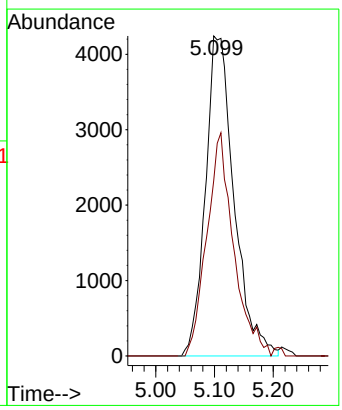


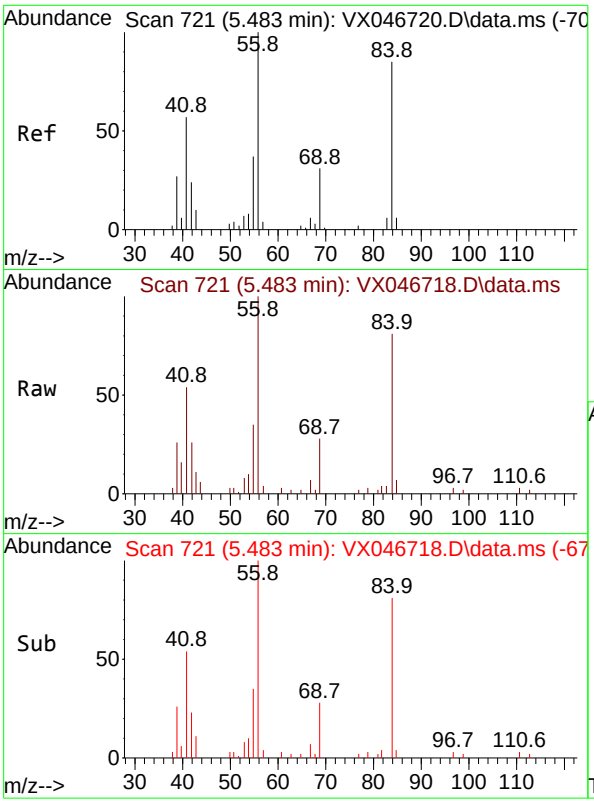


#30
Chloroform
Concen: 5.046 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 83 Resp: 14385

Ion	Ratio	Lower	Upper
83	100		
85	56.2	53.7	80.5



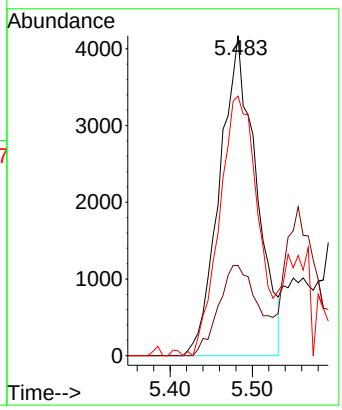


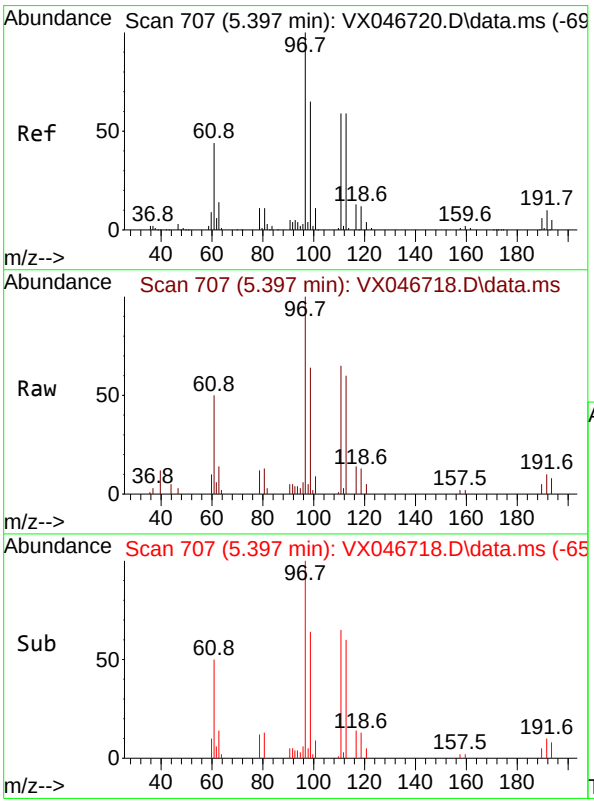
#31
Cyclohexane
Concen: 4.748 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 12835

Ion	Ratio	Lower	Upper
56	100		
69	28.2	24.8	37.2
84	79.6	68.2	102.2

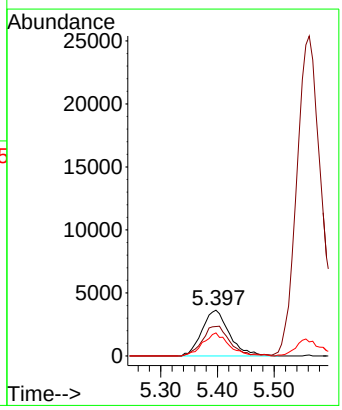


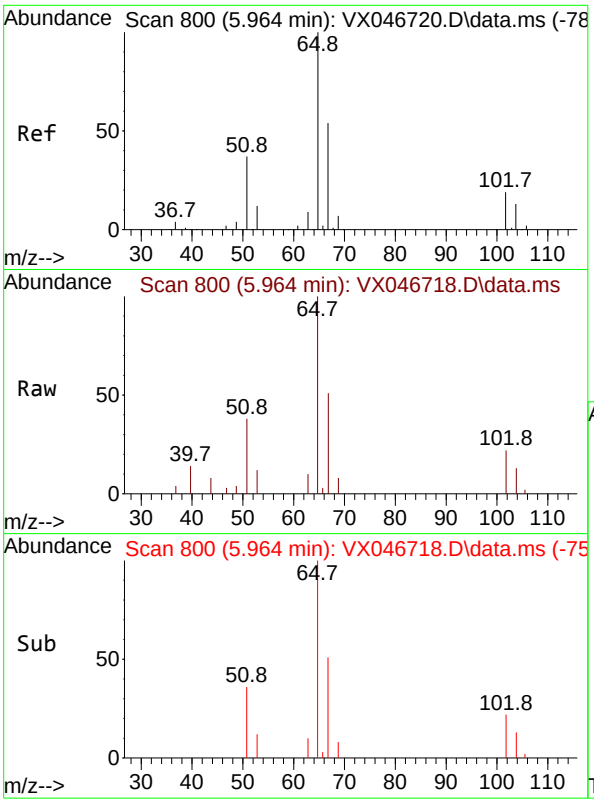


#32
1,1,1-Trichloroethane
Concen: 4.859 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 97 Resp: 12150

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.3	76.9
61	47.8	36.4	54.6



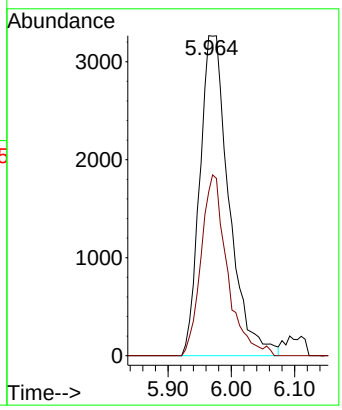


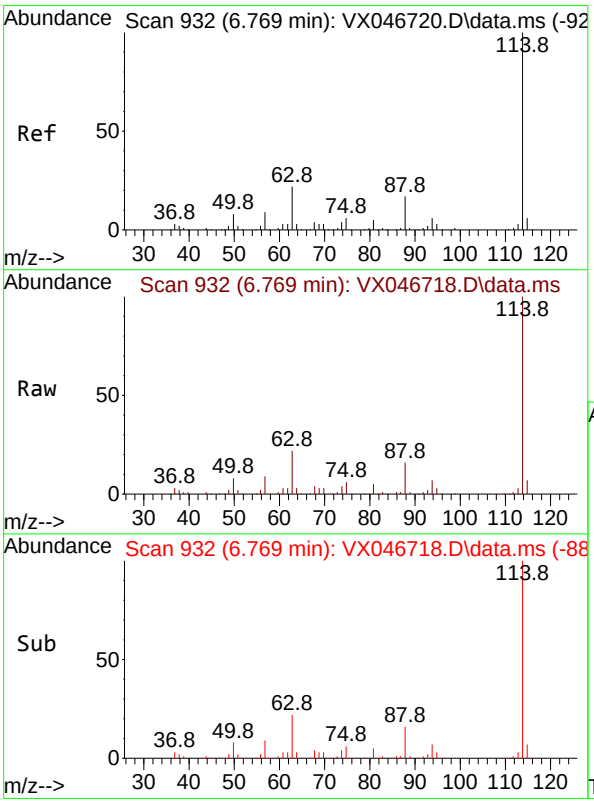
#33
1,2-Dichloroethane-d4
Concen: 5.791 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 10456

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	105.4

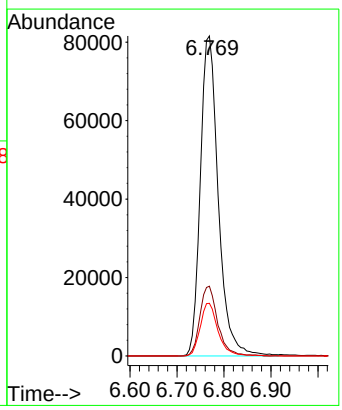


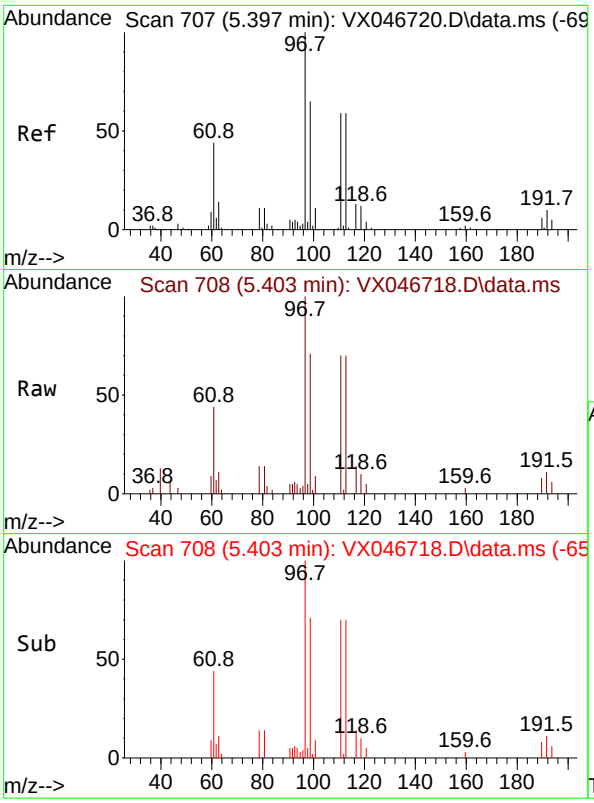


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:114 Resp: 217019

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.2
88	16.4	0.0	33.2



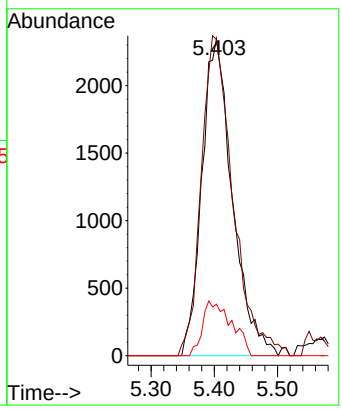


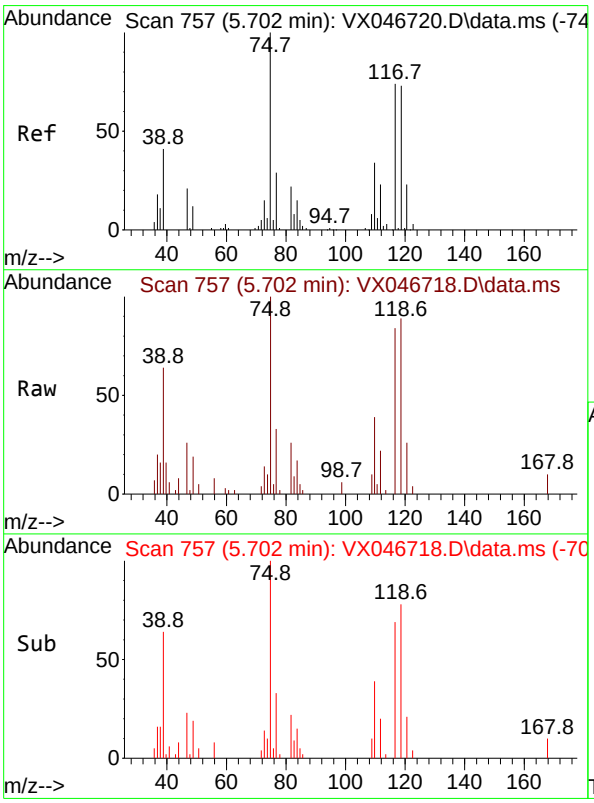
#35
Dibromofluoromethane
Concen: 5.478 ug/l
RT: 5.403 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 7865

Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.0	123.0
192	16.4	15.3	22.9

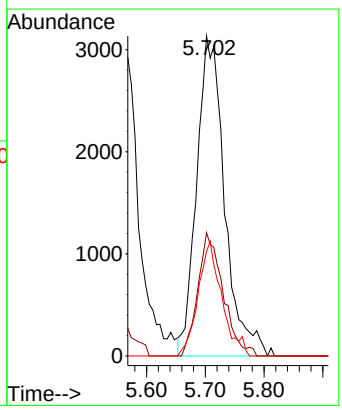


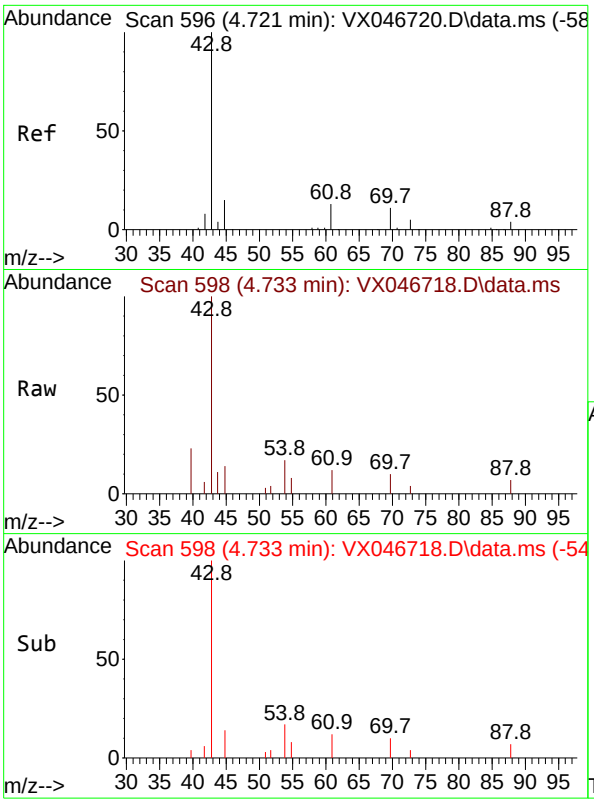


#36
1,1-Dichloropropene
Concen: 4.998 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 75 Resp: 10359

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.2	51.5
77	30.4	24.2	36.4



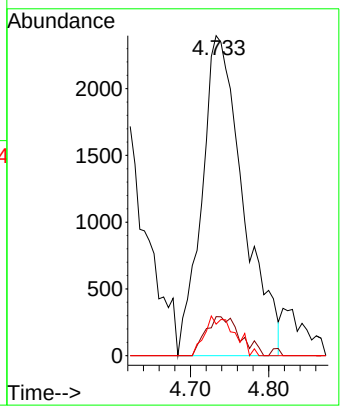


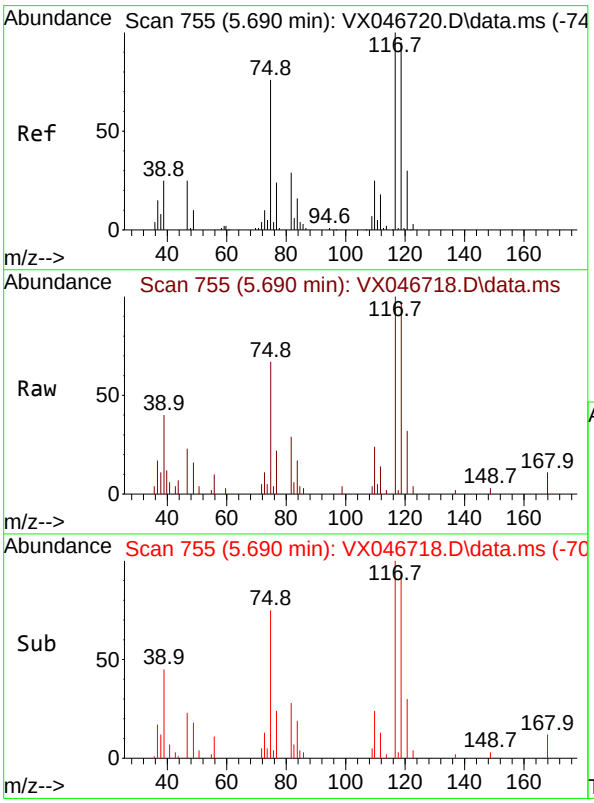
#37
Ethyl Acetate
Concen: 4.580 ug/l
RT: 4.733 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 8763

Ion	Ratio	Lower	Upper
43	100		
61	10.1	9.7	14.5
70	8.9	8.1	12.1

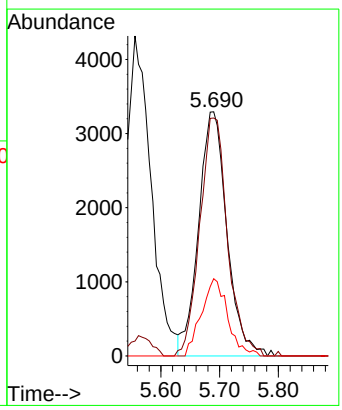


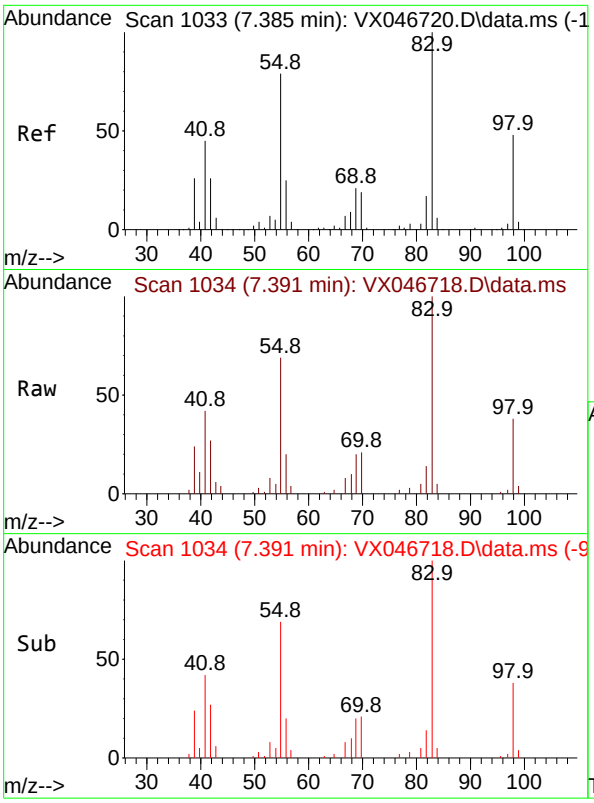


#38
Carbon Tetrachloride
Concen: 4.909 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:117 Resp: 11043

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.2	112.8
121	31.6	24.1	36.1



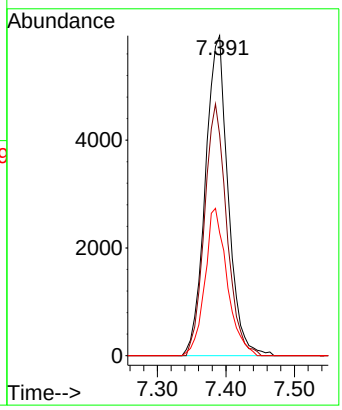


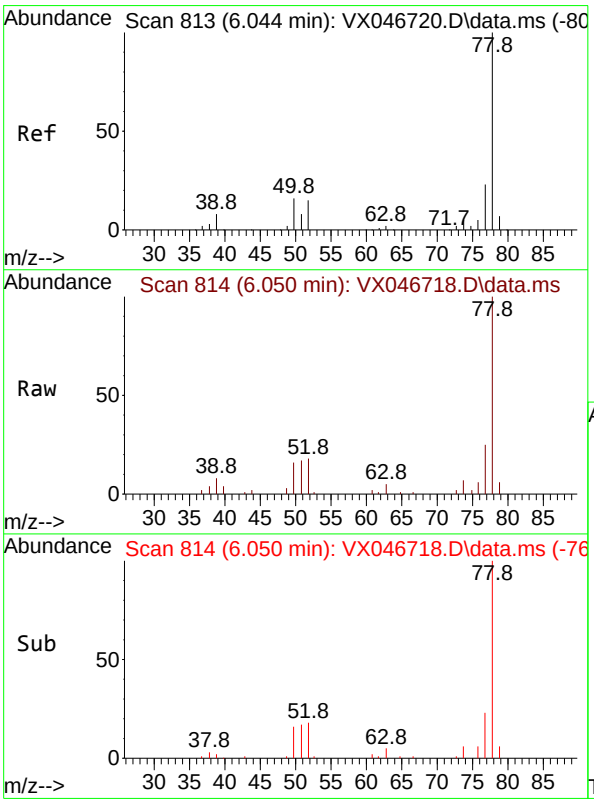
#39
Methylcyclohexane
Concen: 5.024 ug/l
RT: 7.391 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 13704

Ion	Ratio	Lower	Upper
83	100		
55	69.0	63.0	94.4
98	38.4	38.8	58.2#

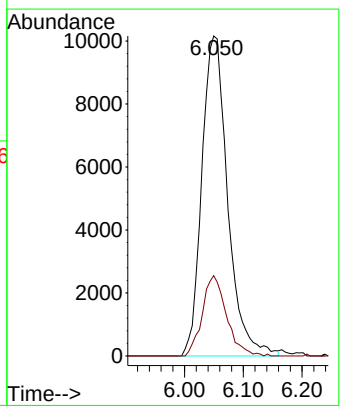


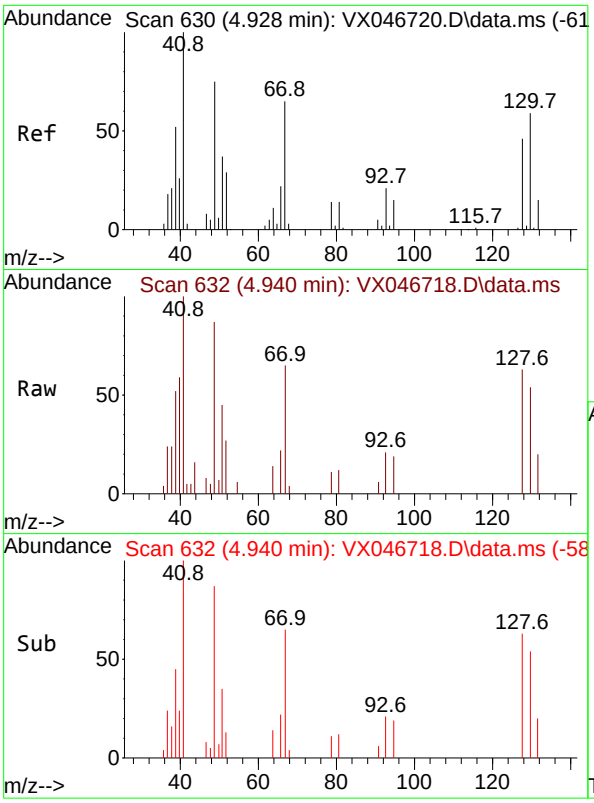


#40
Benzene
Concen: 5.064 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 78 Resp: 31061

Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.8	28.2



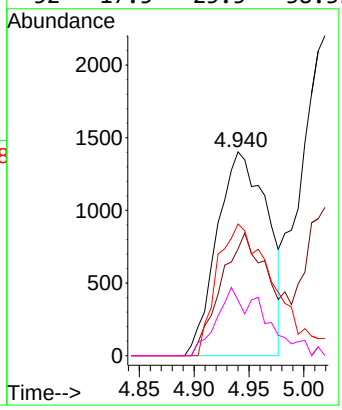


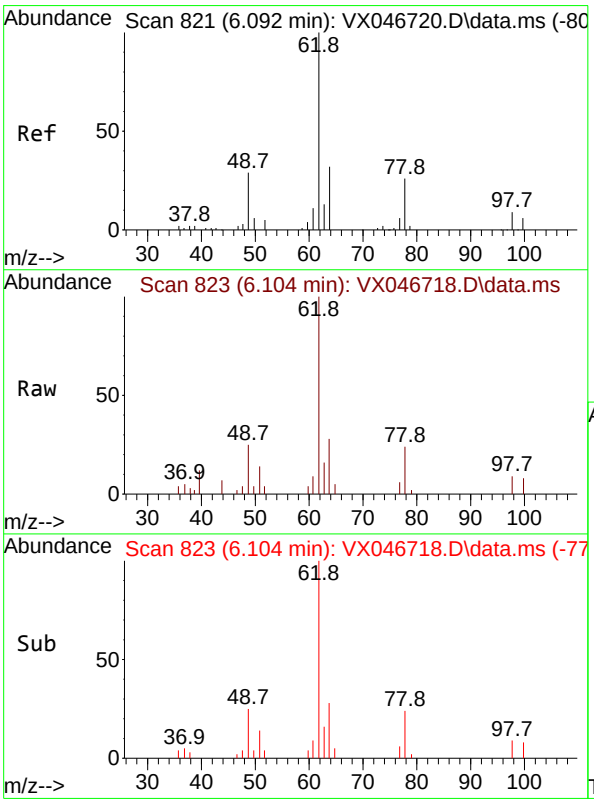
#41
Methacrylonitrile
Concen: 4.400 ug/l
RT: 4.940 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 4488

Ion	Ratio	Lower	Upper
41	100		
39	61.2	45.9	68.9
67	74.8	61.2	91.8
52	17.5	25.5	38.3#

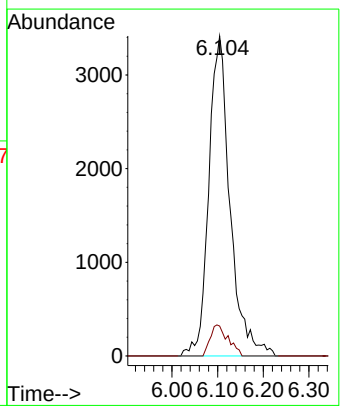


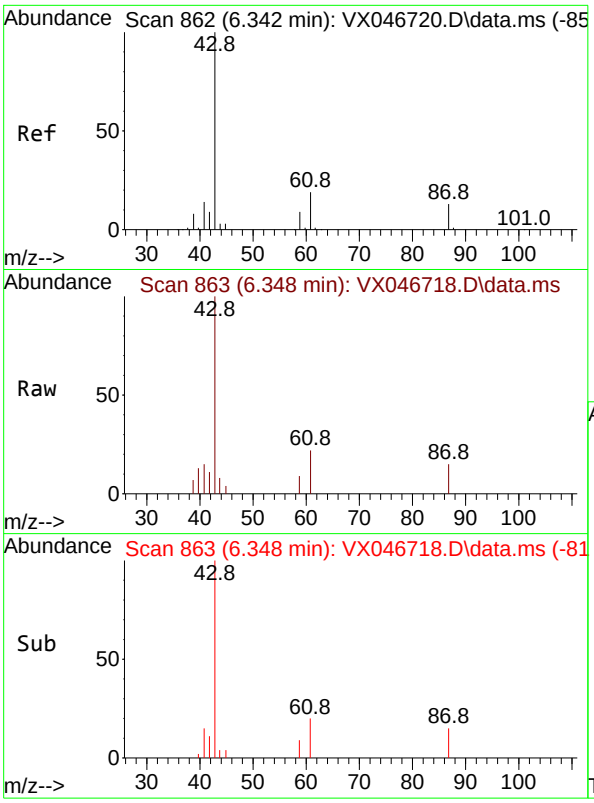


#42
1,2-Dichloroethane
Concen: 5.116 ug/l
RT: 6.104 min Scan# 823
Delta R.T. 0.012 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 62 Resp: 11029

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.8



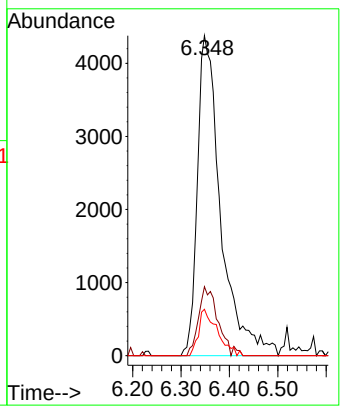


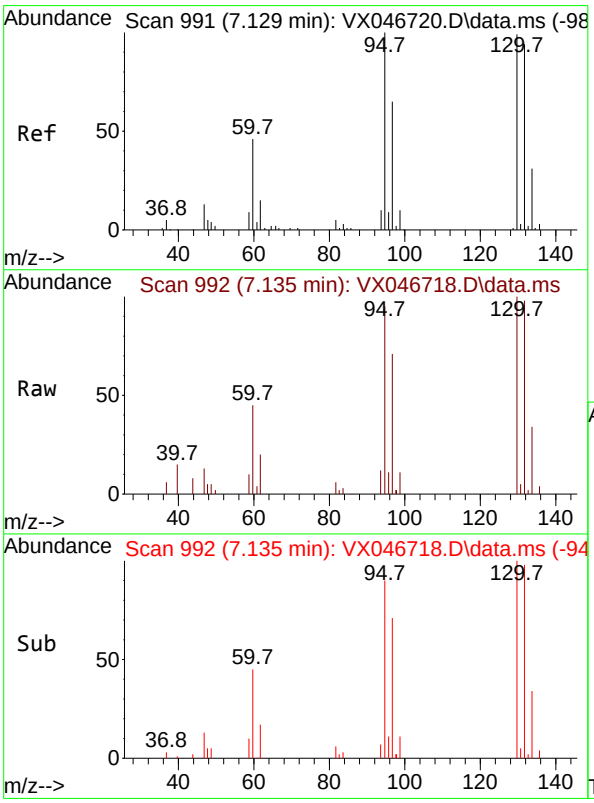
#43
Isopropyl Acetate
Concen: 4.914 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 14711

Ion	Ratio	Lower	Upper
43	100		
61	17.3	15.3	22.9
87	11.6	10.0	15.0

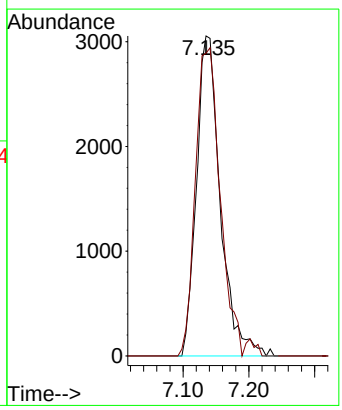


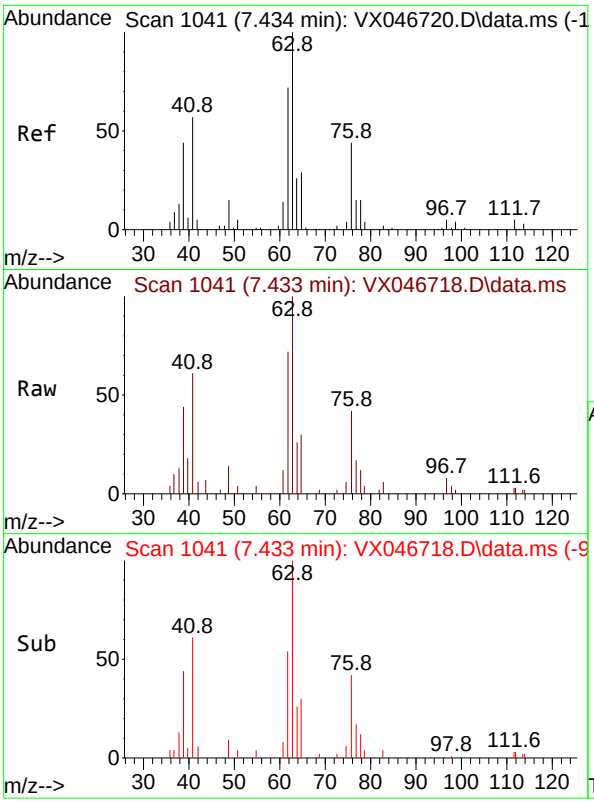


#44
Trichloroethene
Concen: 4.927 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:130 Resp: 7703

Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	202.6



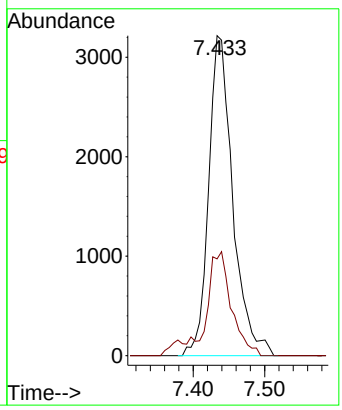


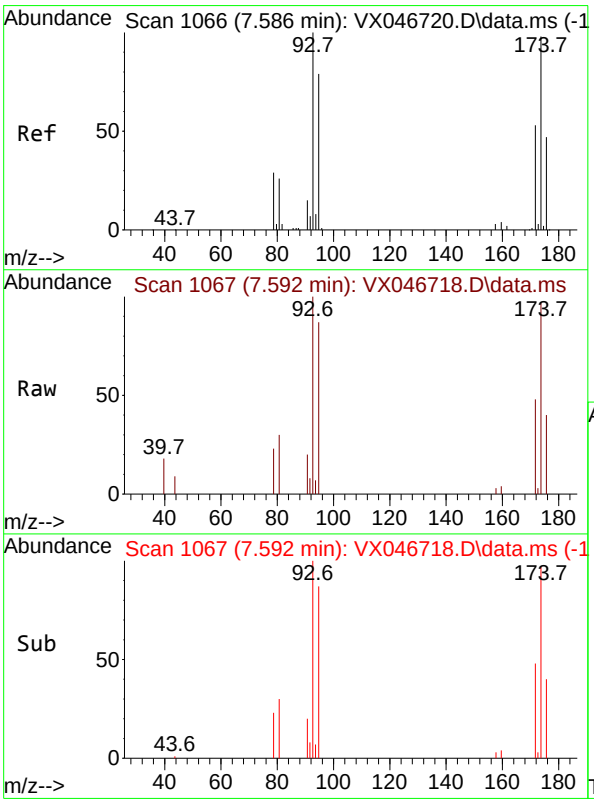
#45
1,2-Dichloropropane
Concen: 4.952 ug/l
RT: 7.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 7529

Ion	Ratio	Lower	Upper
63	100		
65	30.2	22.9	34.3

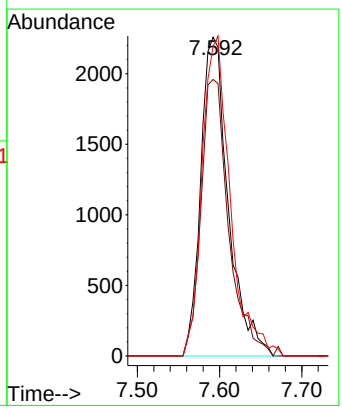


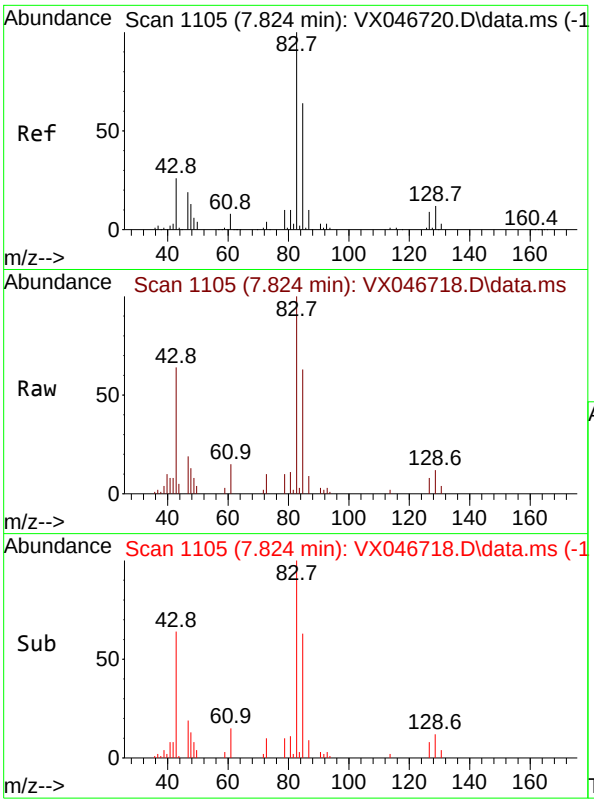


#46
Dibromomethane
Concen: 4.821 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 93 Resp: 5267

Ion	Ratio	Lower	Upper
93	100		
95	86.9	66.2	99.4
174	102.0	77.0	115.6



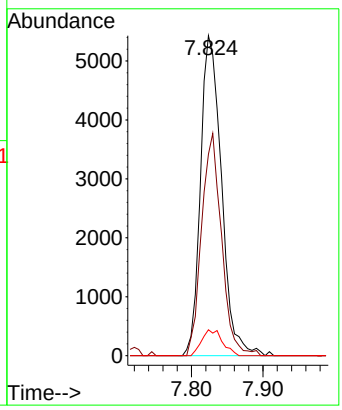


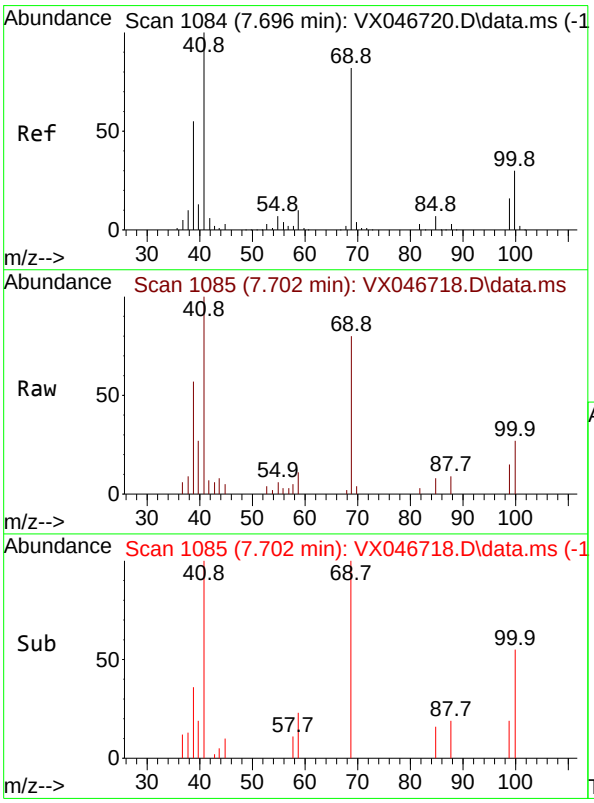
#47
Bromodichloromethane
Concen: 4.966 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 11072

Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.4	77.2
127	7.9	6.9	10.3

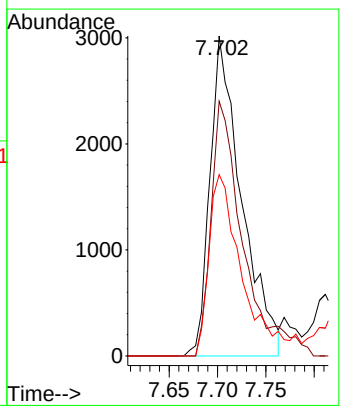


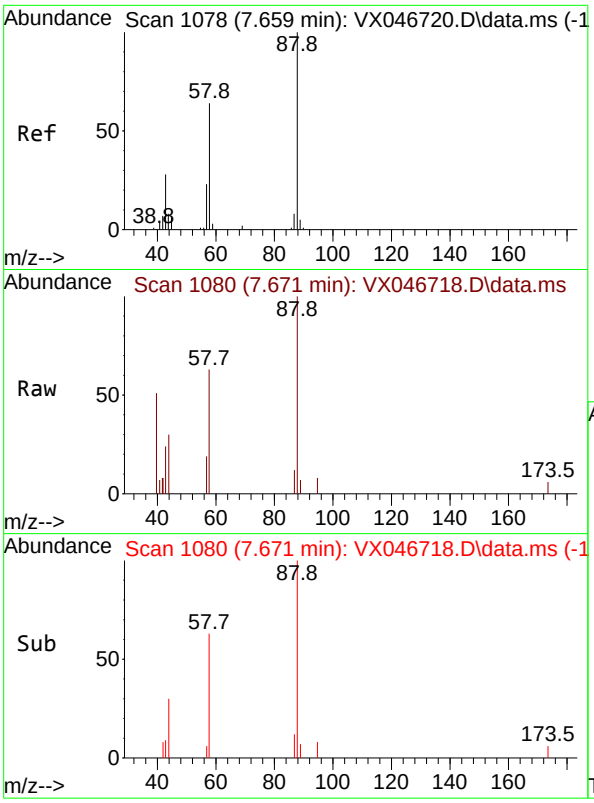


#48
Methyl methacrylate
Concen: 4.571 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 41 Resp: 6864

Ion	Ratio	Lower	Upper
41	100		
69	79.8	63.4	95.2
39	58.5	45.4	68.0



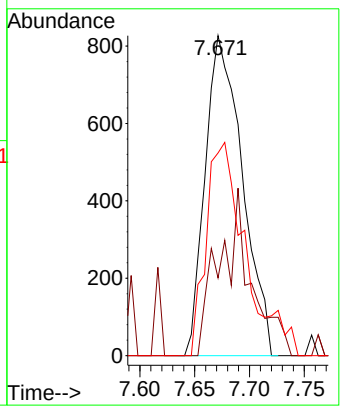


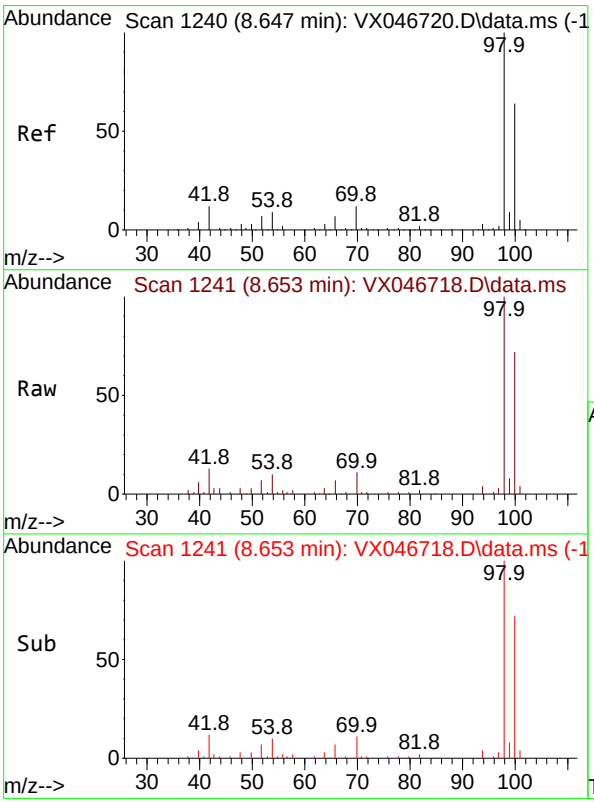
#49
1,4-Dioxane
Concen: 113.091 ug/l
RT: 7.671 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 1949

Ion	Ratio	Lower	Upper
88	100		
43	44.9	31.2	46.8
58	70.8	54.7	82.1

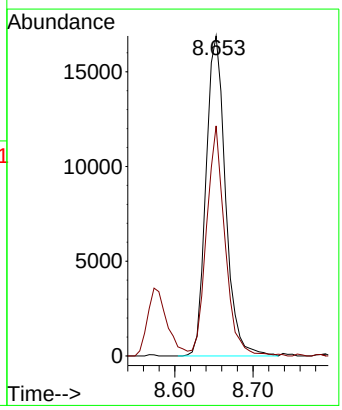


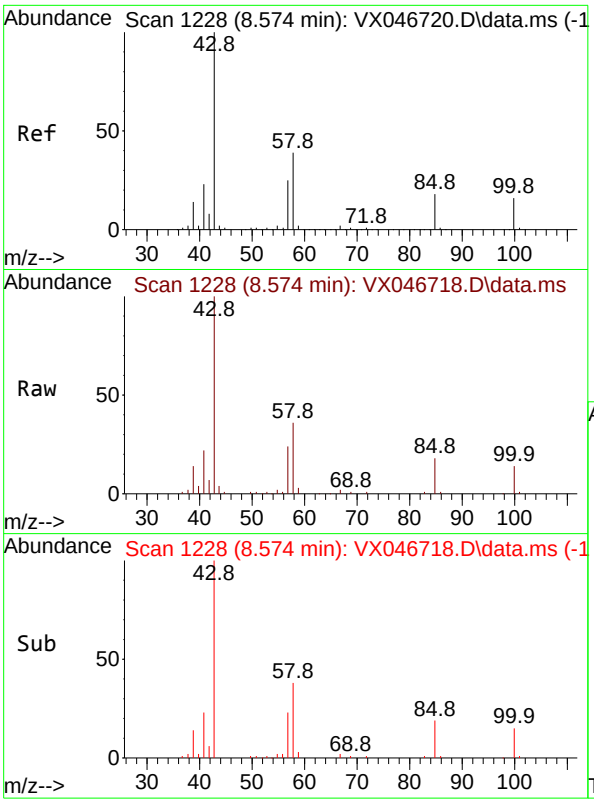


#50
Toluene-d8
Concen: 5.645 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 98 Resp: 29120

Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.0	79.4



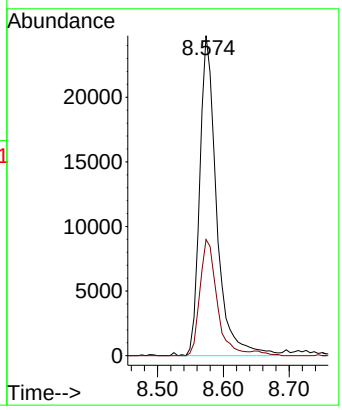


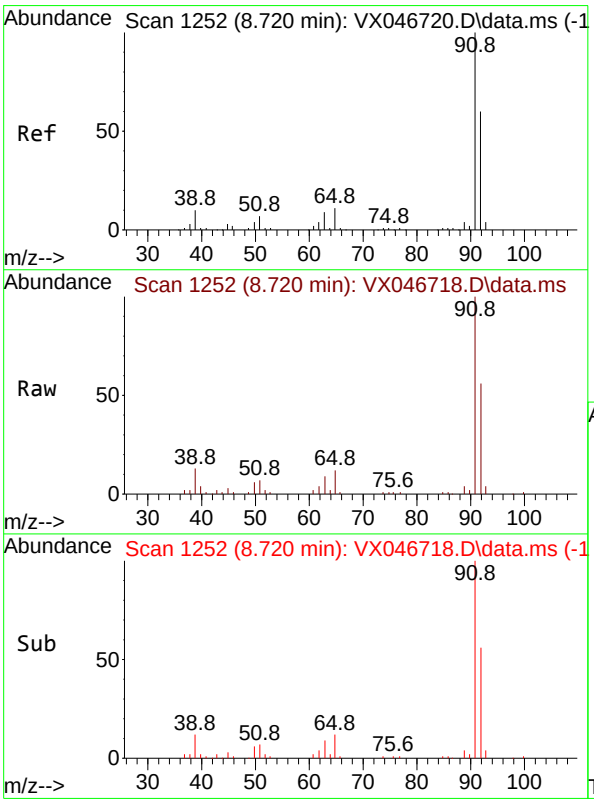
#51
4-Methyl-2-Pentanone
Concen: 24.800 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 44282

Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.8	46.2

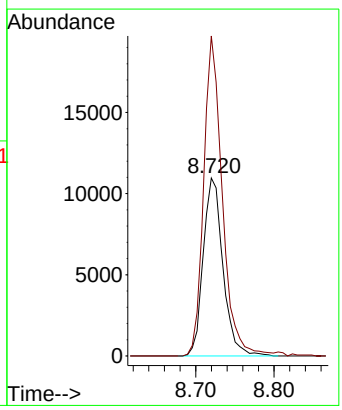


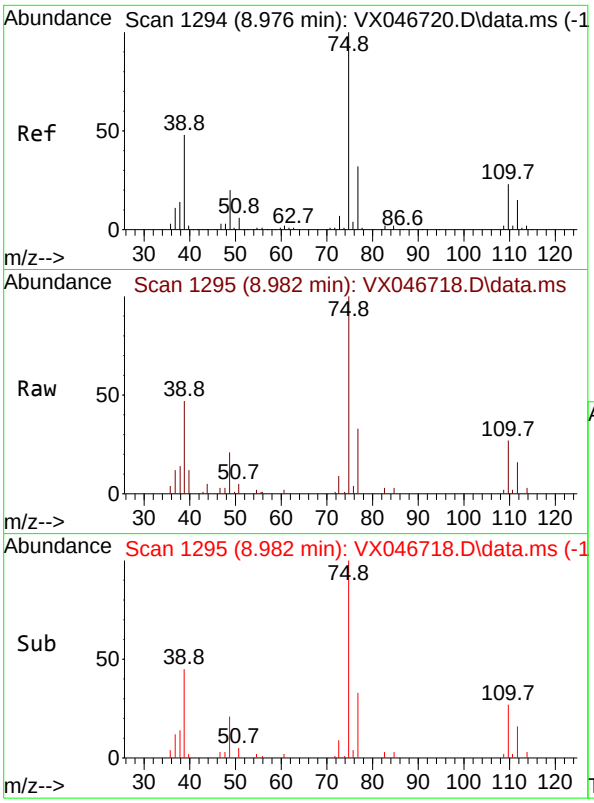


#52
Toluene
Concen: 5.046 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 92 Resp: 19190

Ion	Ratio	Lower	Upper
92	100		
91	170.2	134.8	202.2



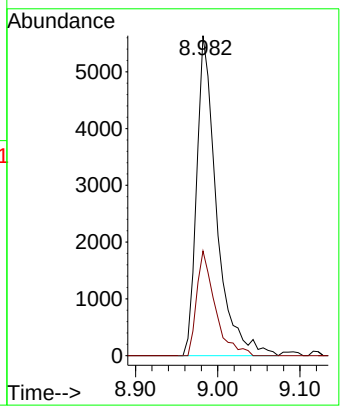


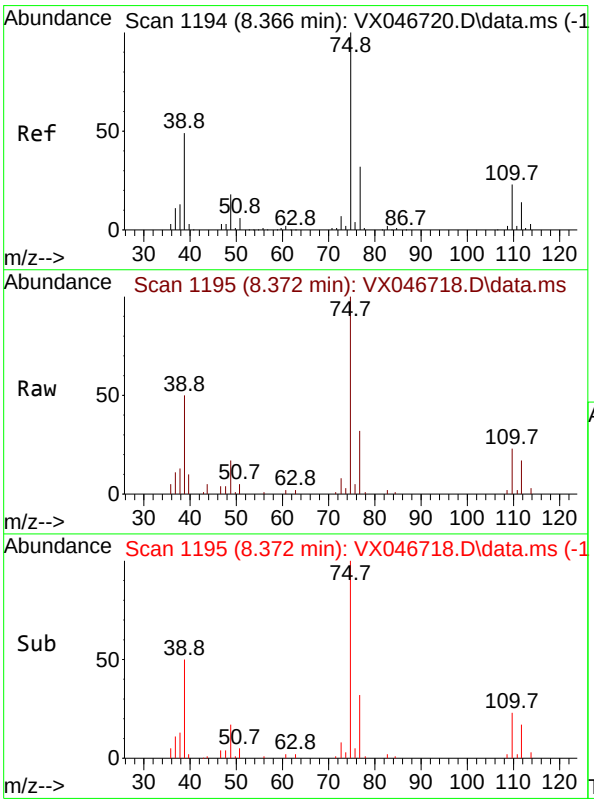
#53
t-1,3-Dichloropropene
Concen: 4.591 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 9497

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.6	38.4

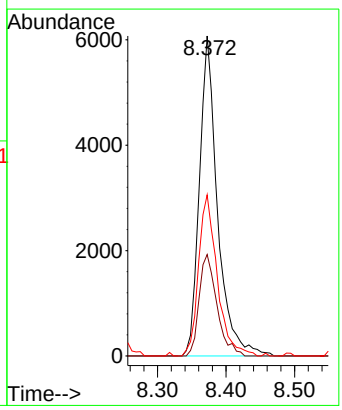


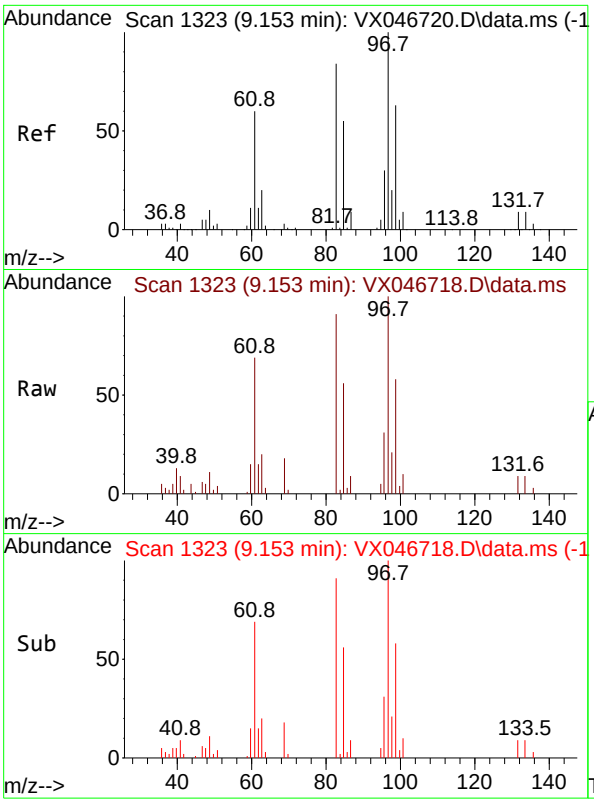


#54
cis-1,3-Dichloropropene
Concen: 4.764 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 75 Resp: 11188

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.3	37.9
39	54.9	39.2	58.8



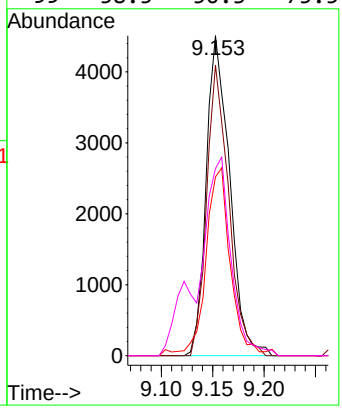


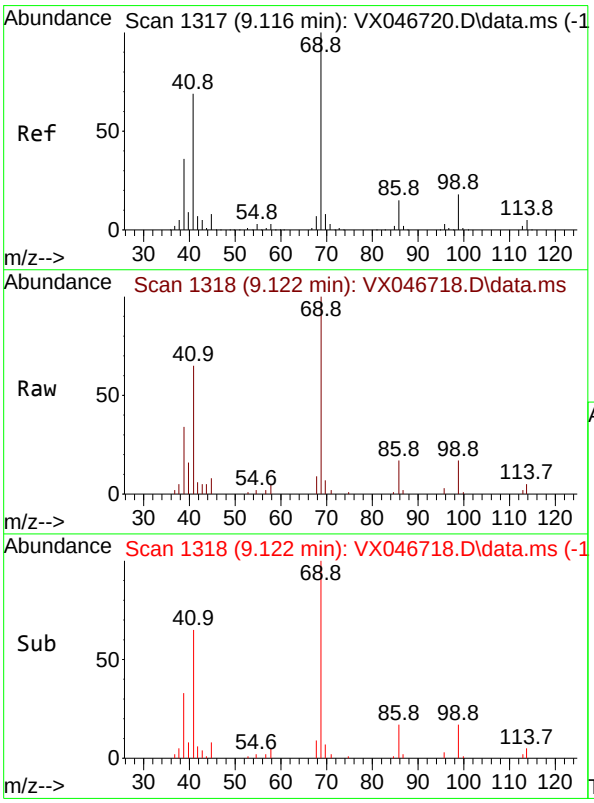
#55
1,1,2-Trichloroethane
Concen: 5.046 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 7151

Ion	Ratio	Lower	Upper
97	100		
83	90.8	67.2	100.8
85	55.8	44.1	66.1
99	58.5	50.3	75.5

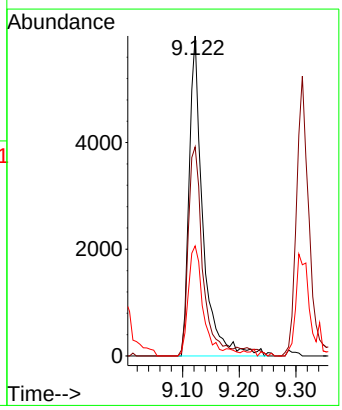


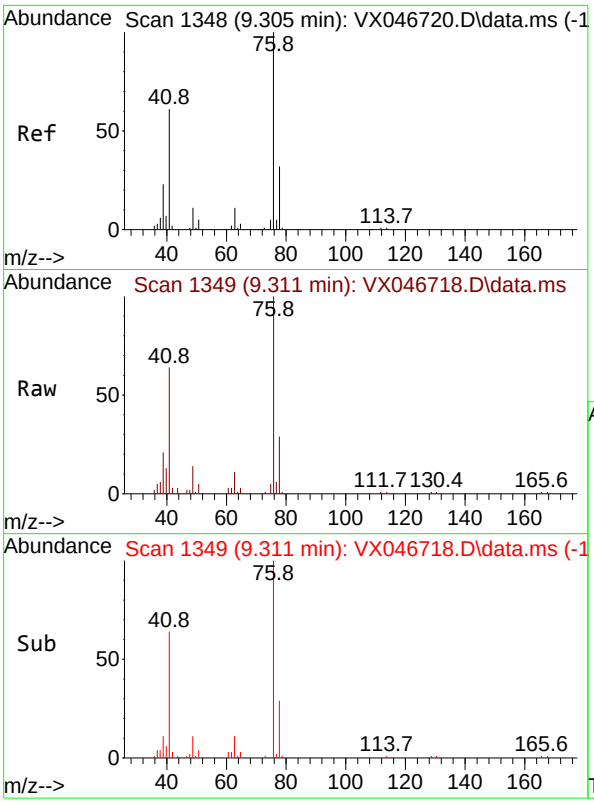


#56
Ethyl methacrylate
Concen: 4.828 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 69 Resp: 10101

Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.4	83.2
39	36.5	29.7	44.5



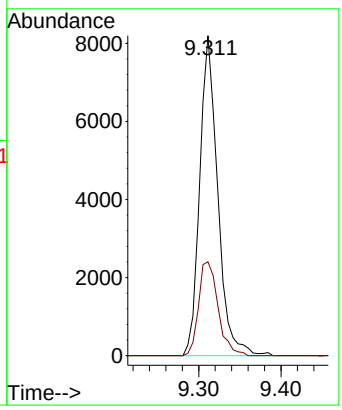


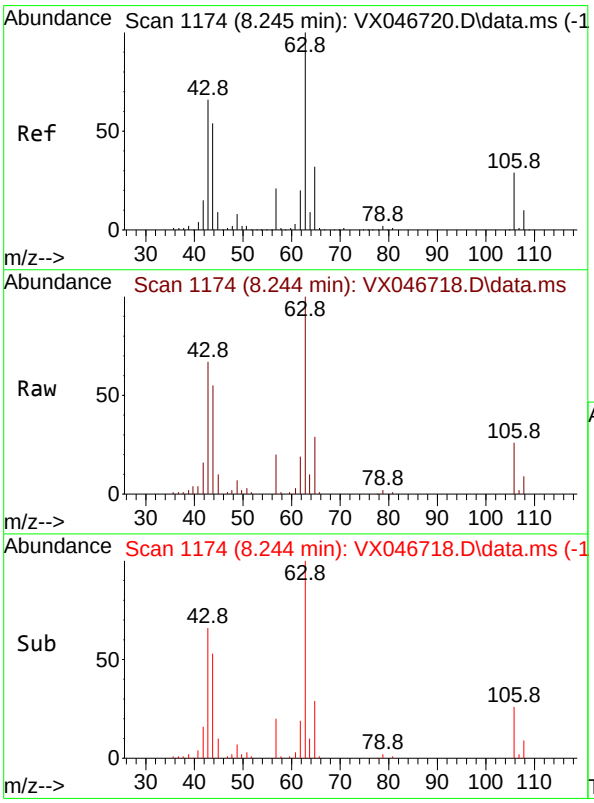
#57
1,3-Dichloropropane
Concen: 5.115 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 12483

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.7	38.5

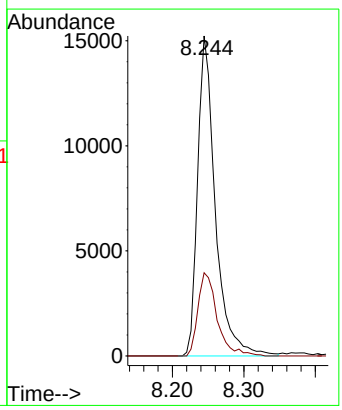


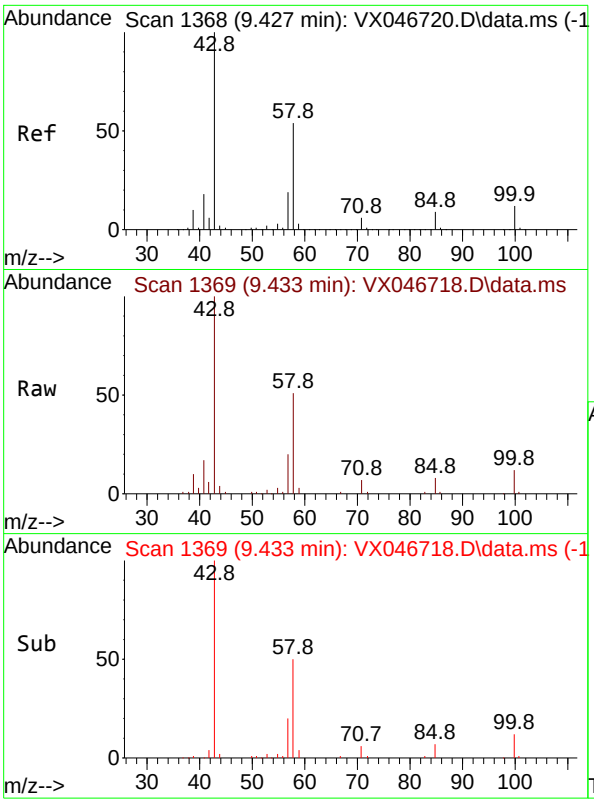


#58
2-Chloroethyl Vinyl ether
Concen: 24.071 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 63 Resp: 26158

Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.6	34.0



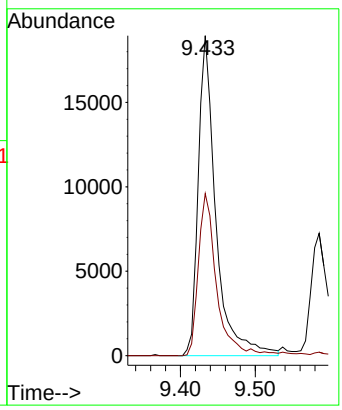


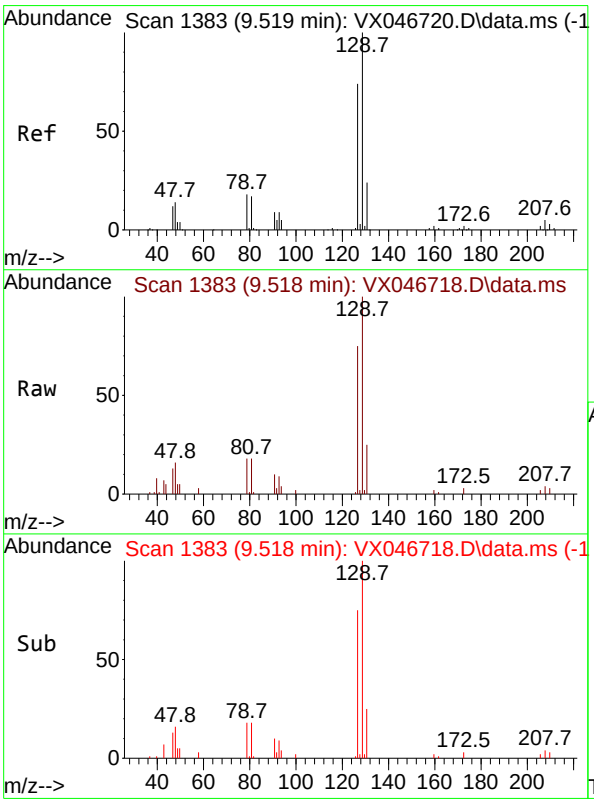
#59
2-Hexanone
Concen: 25.062 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 30938

Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.8	80.4

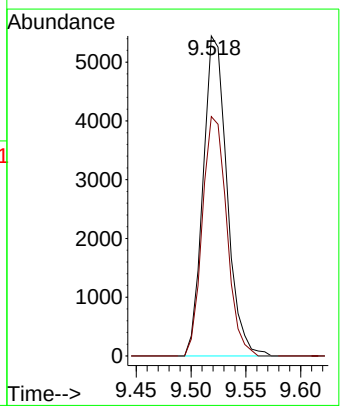


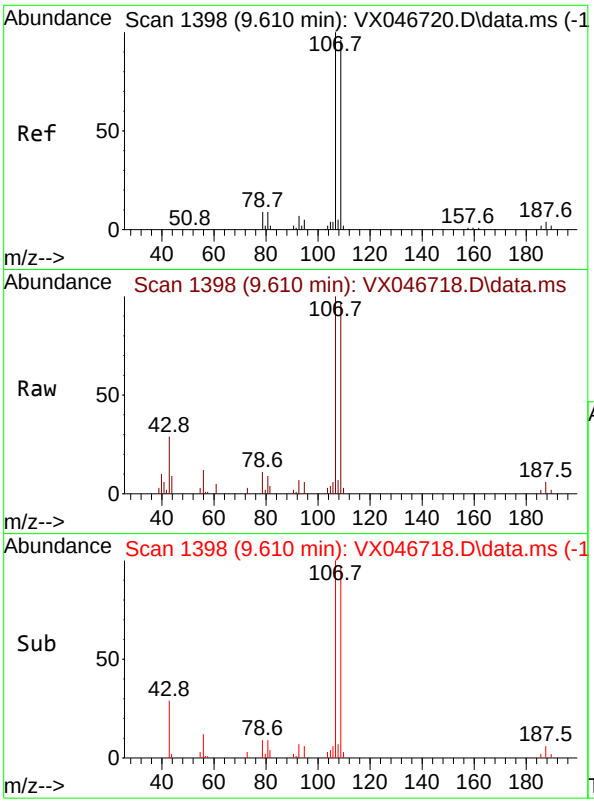


#60
Dibromochloromethane
Concen: 4.939 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:129 Resp: 8249

Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.4	115.2



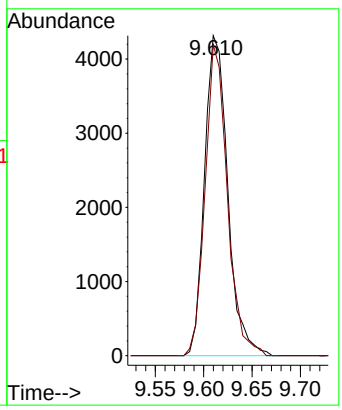


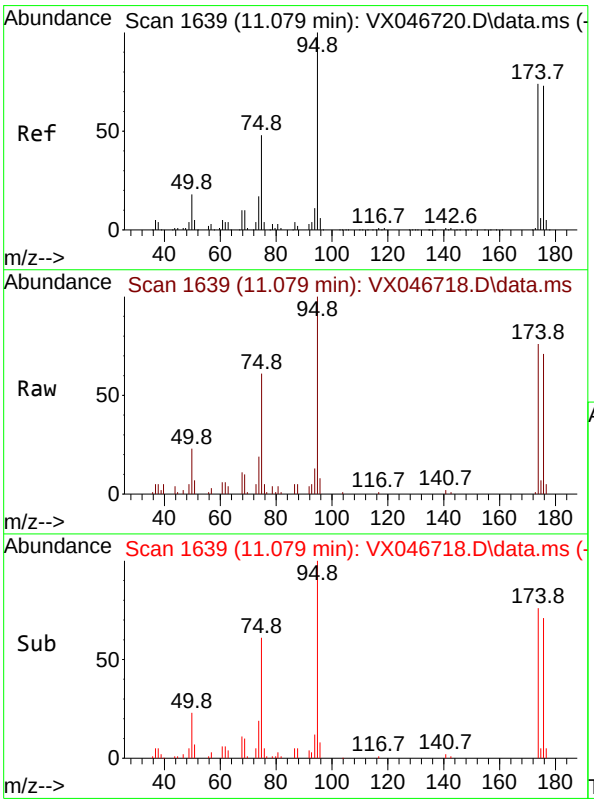
#61
1,2-Dibromoethane
Concen: 5.009 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 7221

Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.8	113.6

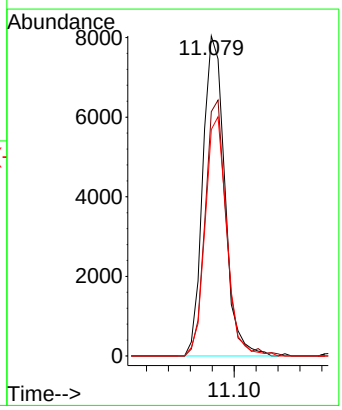


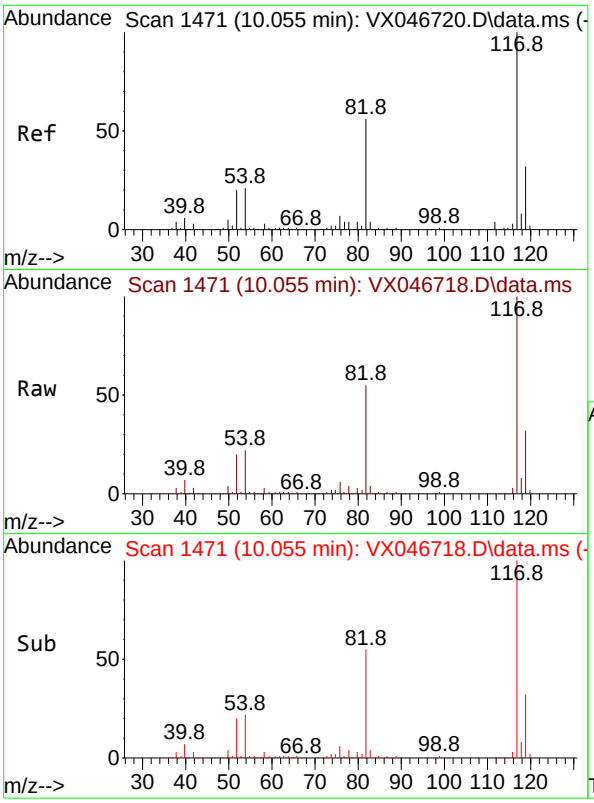


#62
4-Bromofluorobenzene
Concen: 5.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 95 Resp: 11137

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	150.4
176	73.9	0.0	145.0



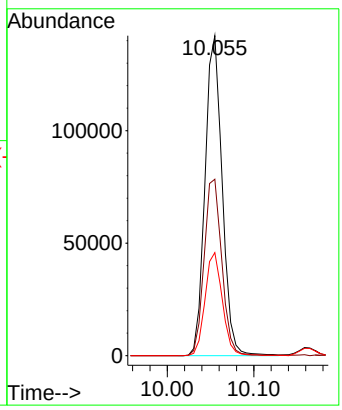


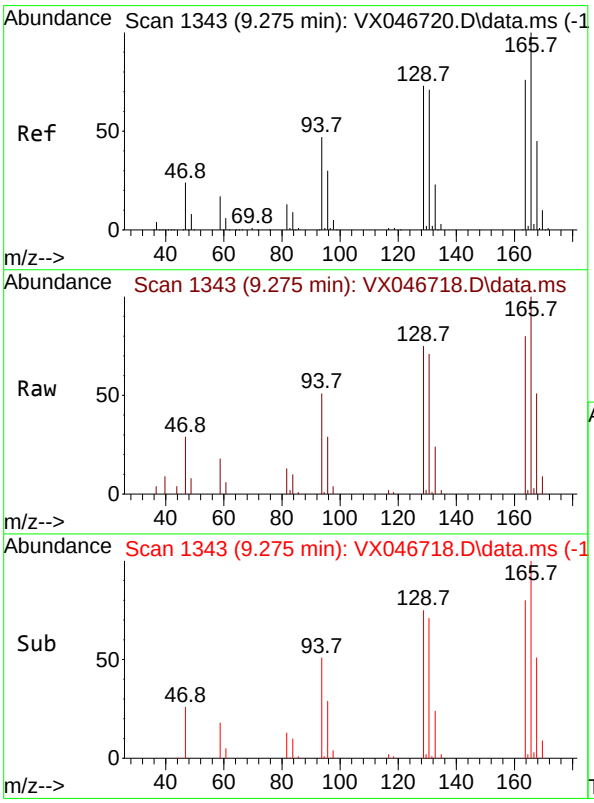
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 195782

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	66.8
119	32.2	25.8	38.8

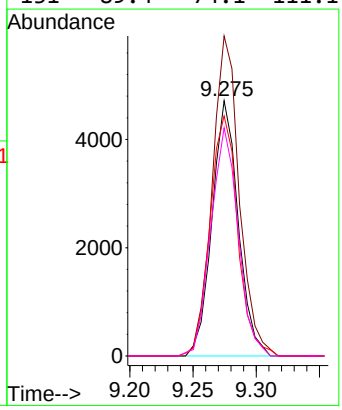


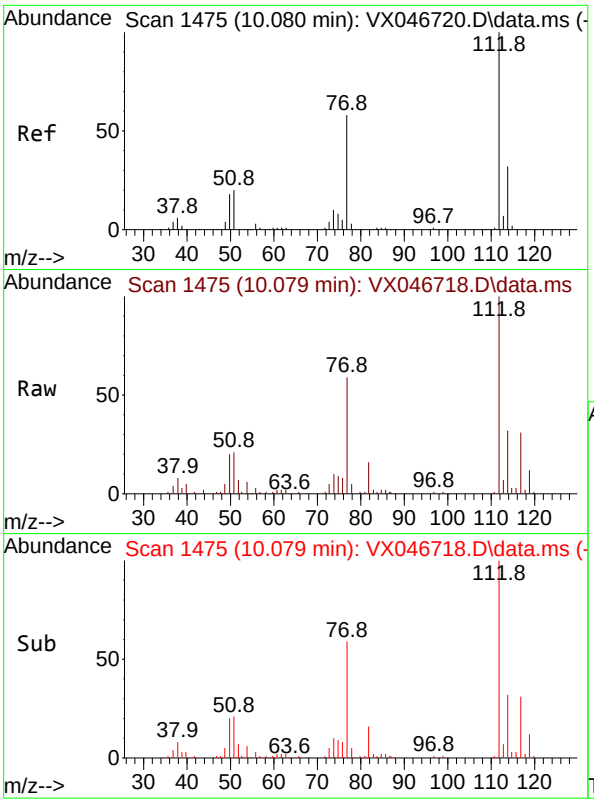


#64
Tetrachloroethene
Concen: 4.980 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:164 Resp: 6755

Ion	Ratio	Lower	Upper
164	100		
166	125.4	104.6	157.0
129	94.1	76.3	114.5
131	89.4	74.1	111.1



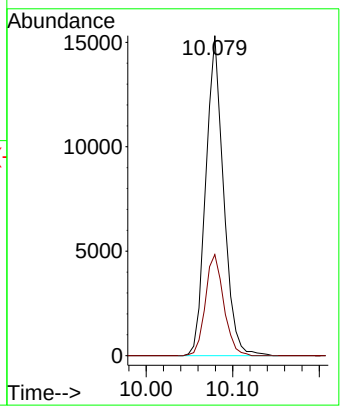


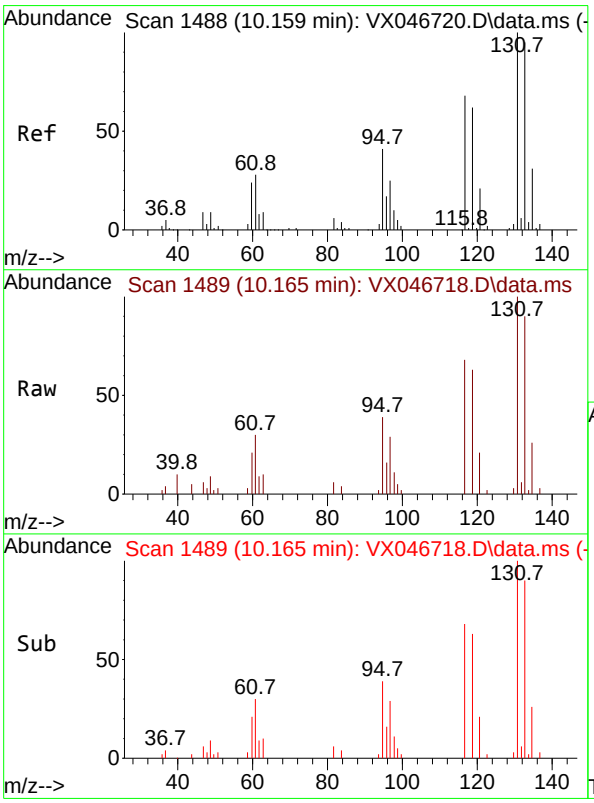
#65
Chlorobenzene
Concen: 5.046 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 21807

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.5	38.3

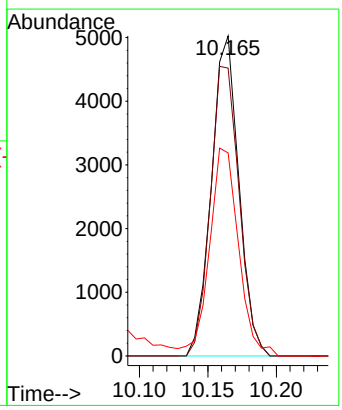


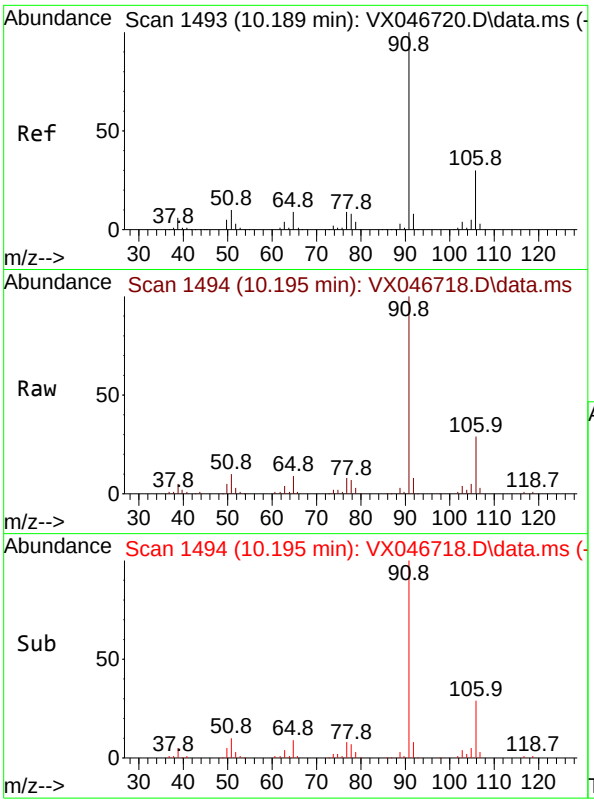


#66
1,1,1,2-Tetrachloroethane
Concen: 4.823 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:131 Resp: 7006

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.3	141.8
119	68.5	32.1	96.3



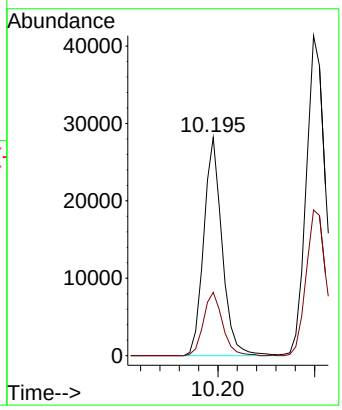


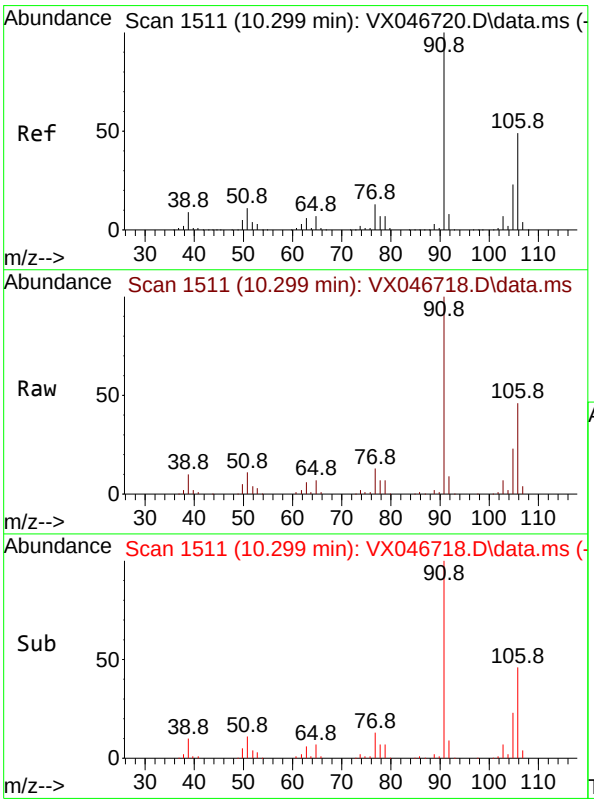
#67
Ethyl Benzene
Concen: 4.939 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 37295

Ion	Ratio	Lower	Upper
91	100		
106	29.0	24.2	36.2

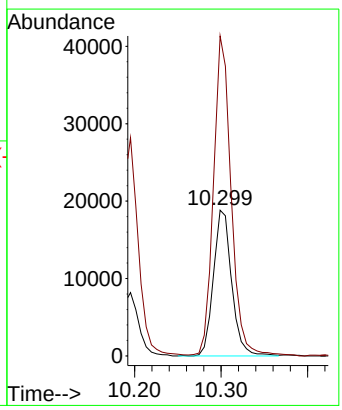


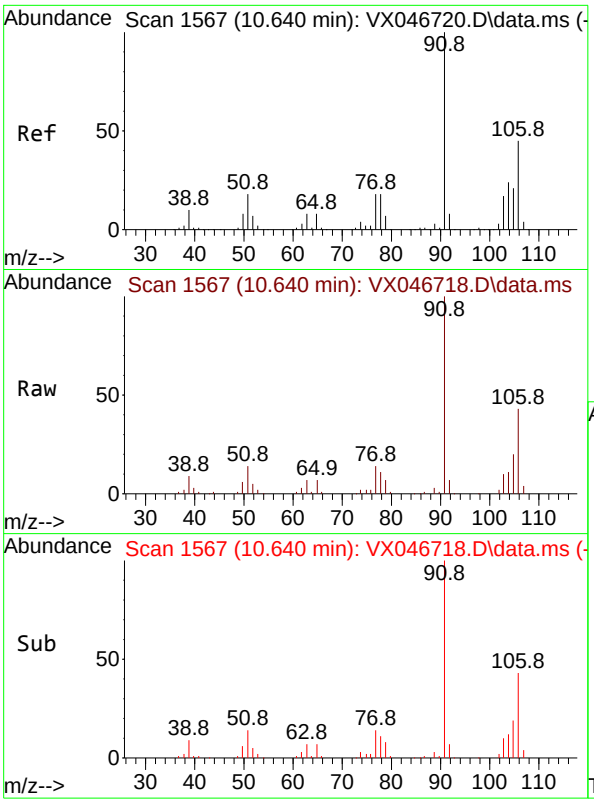


#68
m/p-Xylenes
Concen: 9.812 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:106 Resp: 27609

Ion	Ratio	Lower	Upper
106	100		
91	212.5	164.8	247.2



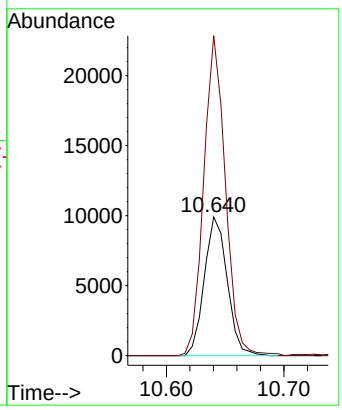


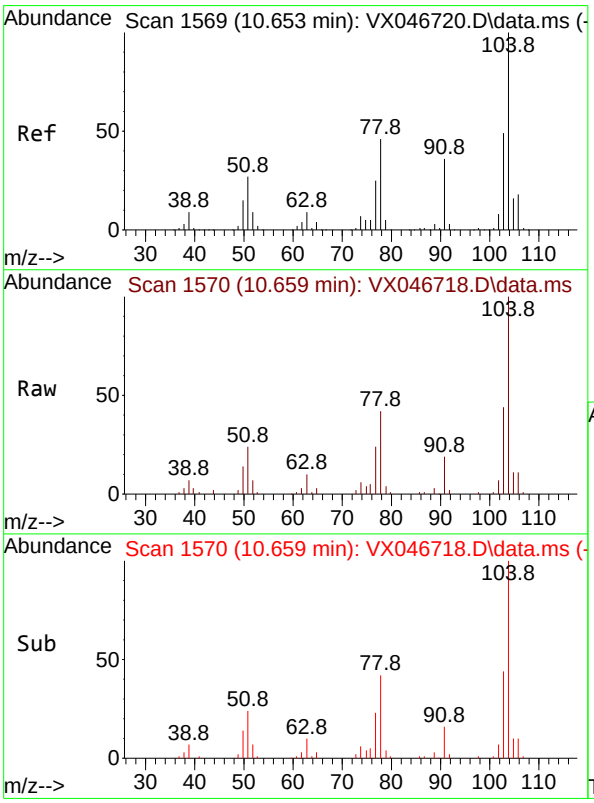
#69
o-Xylene
Concen: 5.090 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 13421

Ion	Ratio	Lower	Upper
106	100		
91	218.1	111.3	333.9

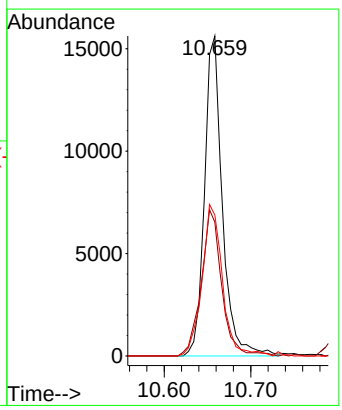


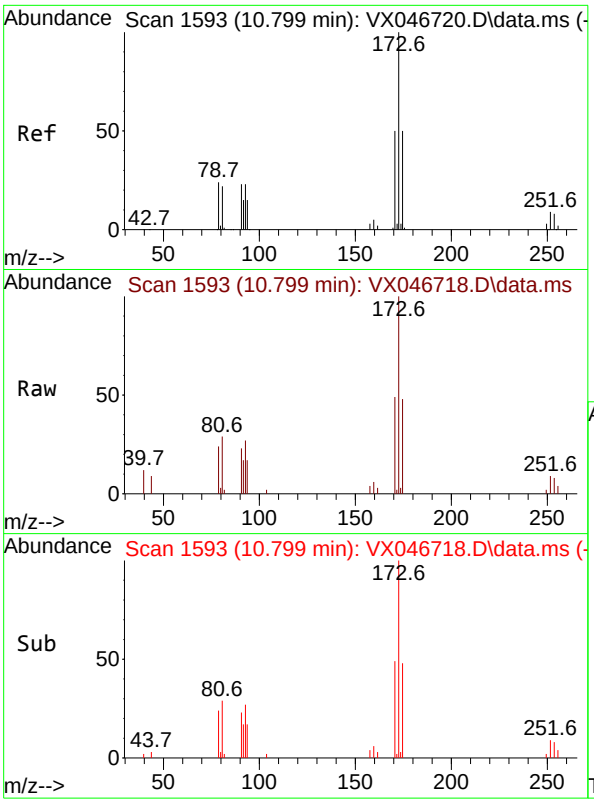


#70
Styrene
Concen: 4.855 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:104 Resp: 22403

Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.4	62.2
103	54.0	43.1	64.7



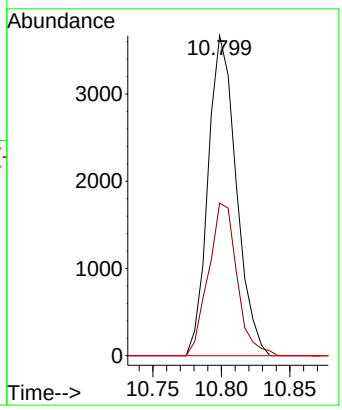


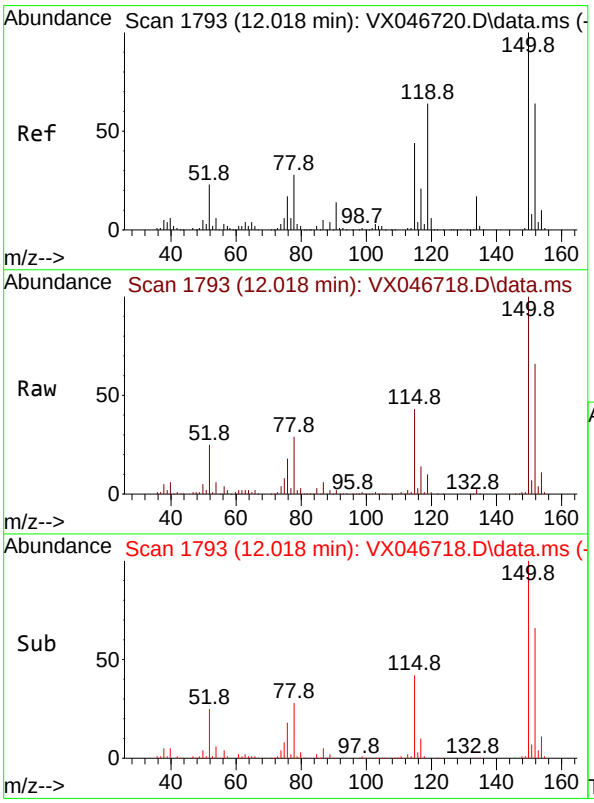
#71
Bromoform
Concen: 4.744 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 5248

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.1	0.1#

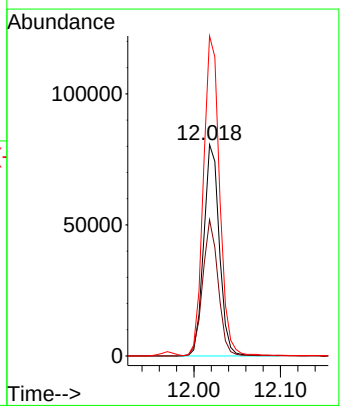


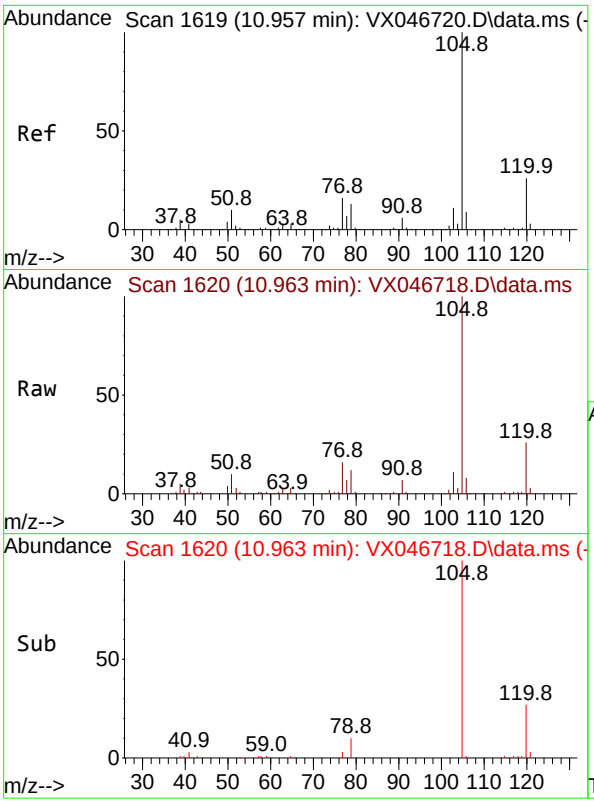


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:152 Resp: 100990

Ion	Ratio	Lower	Upper
152	100		
115	64.0	43.2	129.6
150	156.3	0.0	346.8



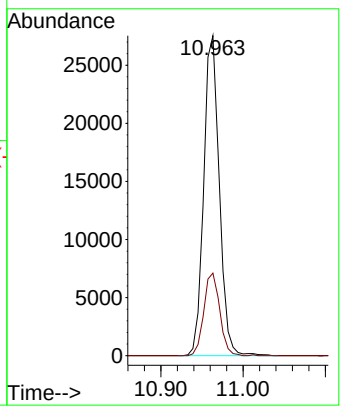


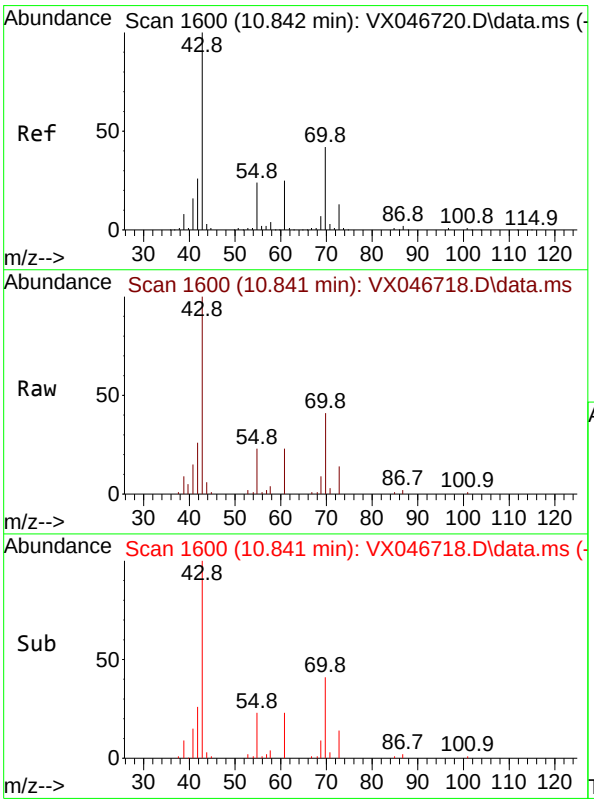
#73
Isopropylbenzene
Concen: 4.878 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 36281

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.0	39.0

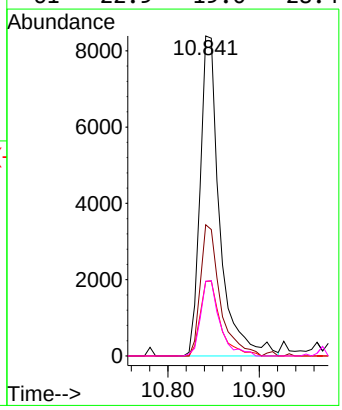


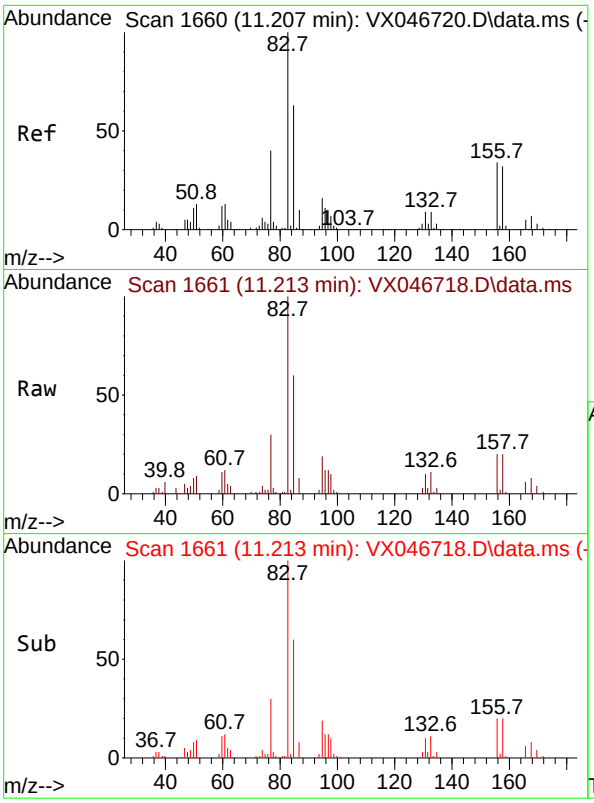


#74
N-amyl acetate
Concen: 4.434 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 12496

Ion	Ratio	Lower	Upper
43	100		
70	41.0	33.4	50.0
55	23.9	19.1	28.7
61	22.9	19.0	28.4



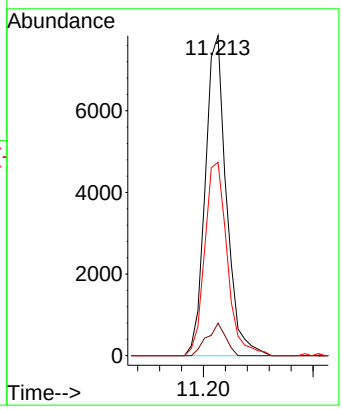


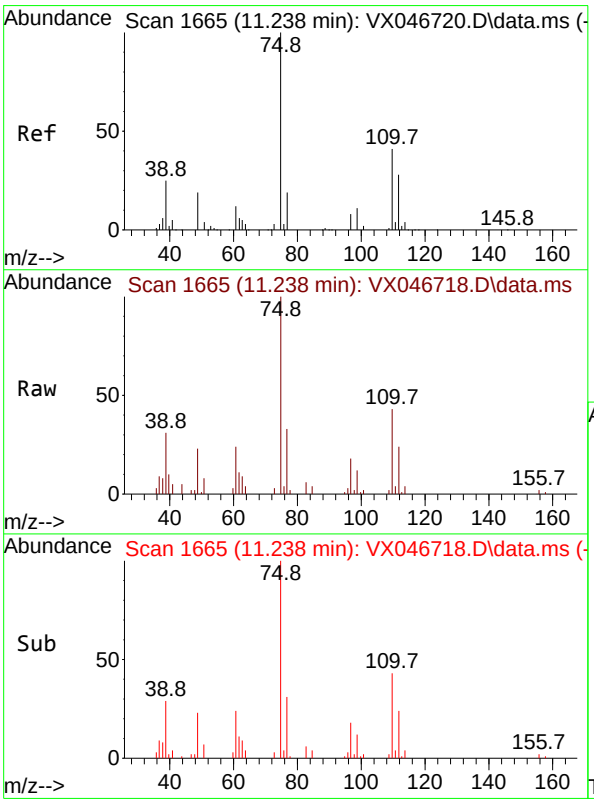
#75
1,1,2,2-Tetrachloroethane
Concen: 5.040 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 10468

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.9	14.6
85	64.4	32.0	96.0

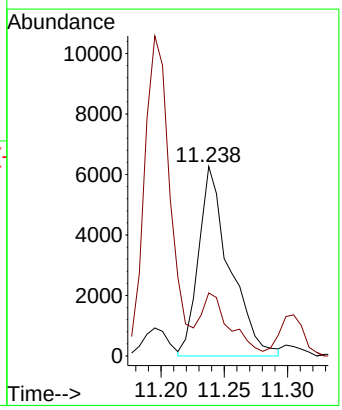


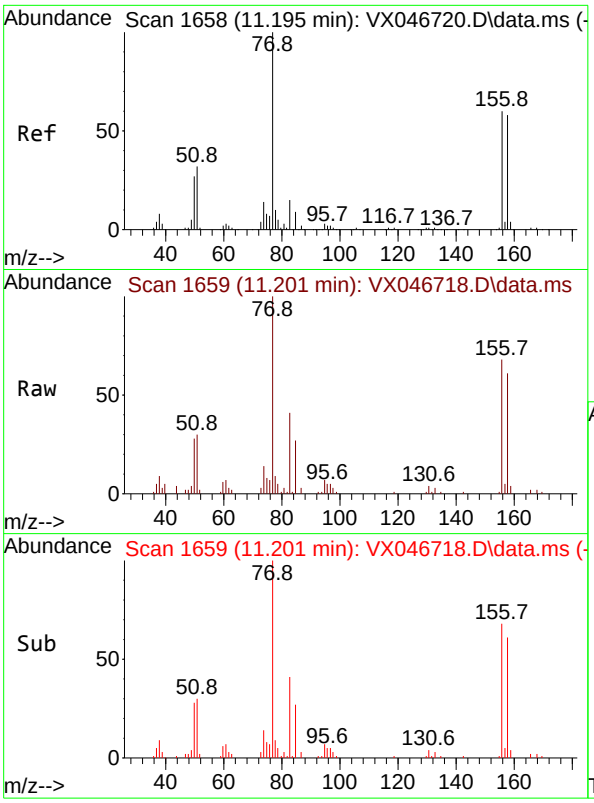


#76
1,2,3-Trichloropropane
Concen: 5.236 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 75 Resp: 10741

Ion	Ratio	Lower	Upper
75	100		
77	30.9	18.5	55.5



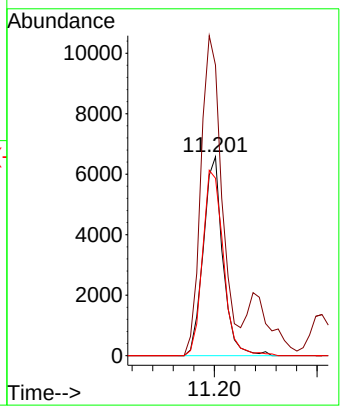


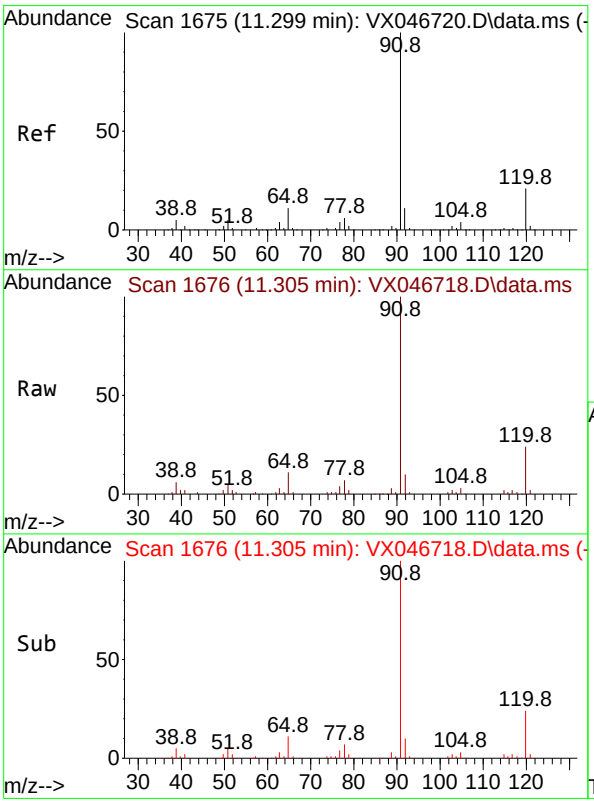
#77
Bromobenzene
Concen: 4.857 ug/l
RT: 11.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 8694

Ion	Ratio	Lower	Upper
156	100		
77	173.3	82.8	248.6
158	99.4	47.6	142.9

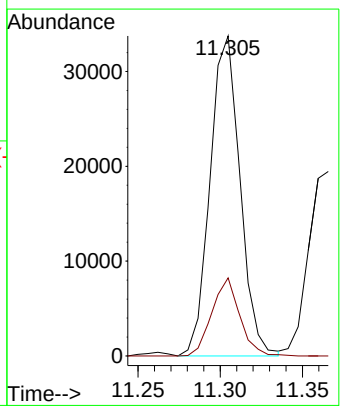


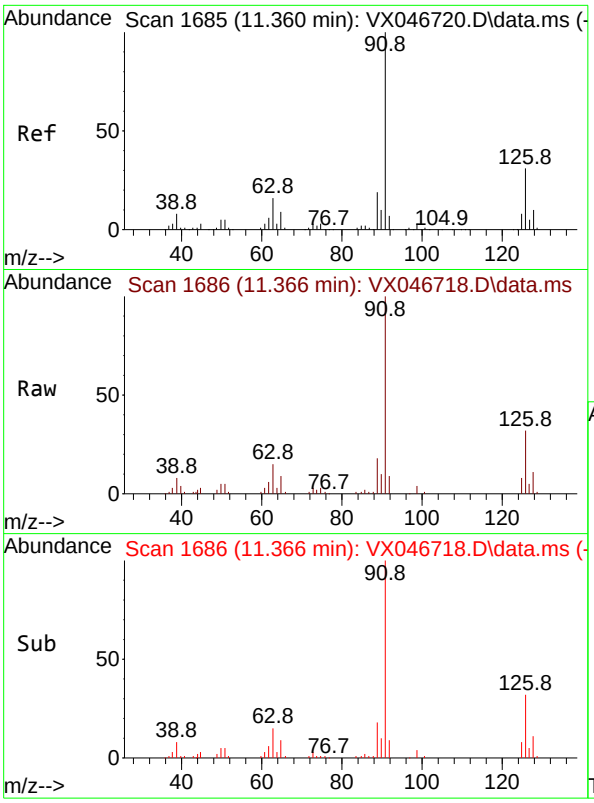


#78
n-propylbenzene
Concen: 4.850 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 91 Resp: 42848

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.1



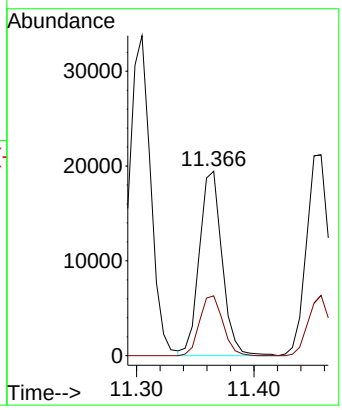


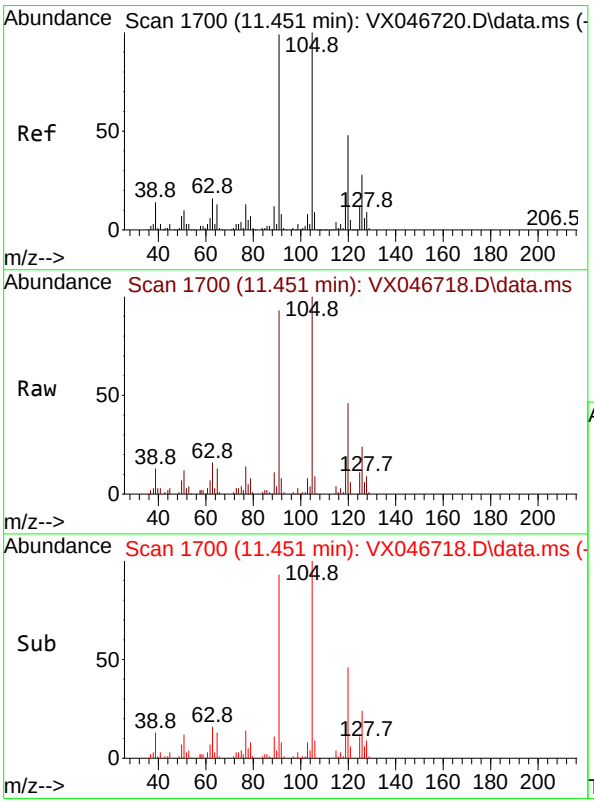
#79
2-Chlorotoluene
Concen: 4.971 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 26221

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.7

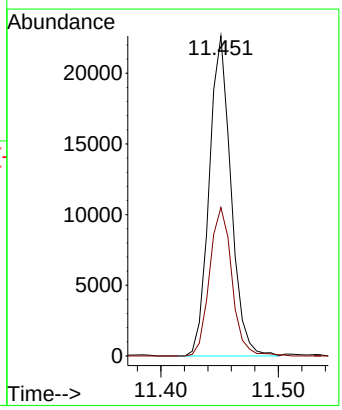


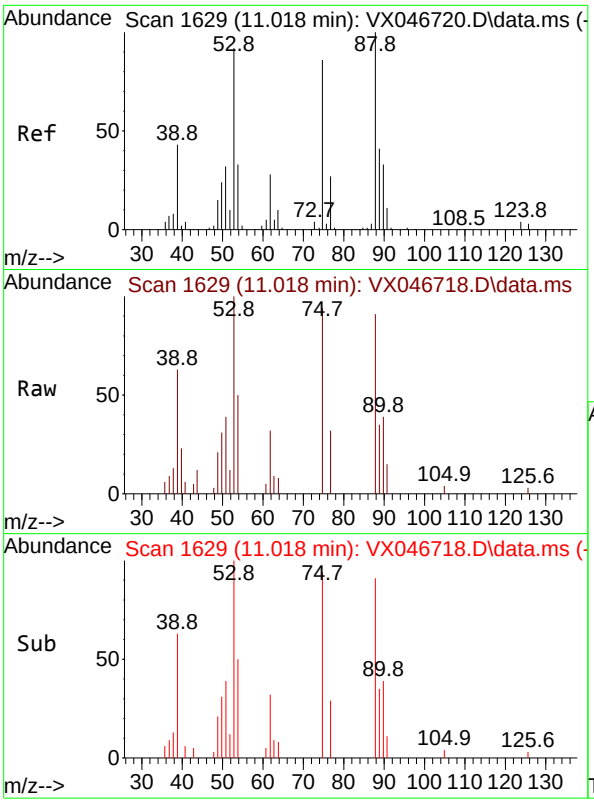


#80
1,3,5-Trimethylbenzene
Concen: 4.772 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:105 Resp: 29167

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.1	72.2



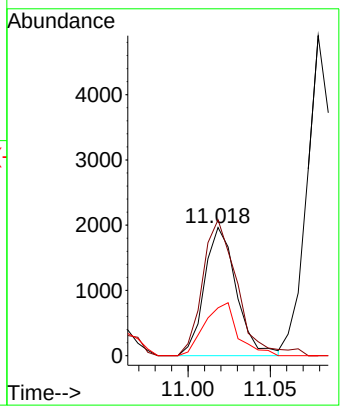


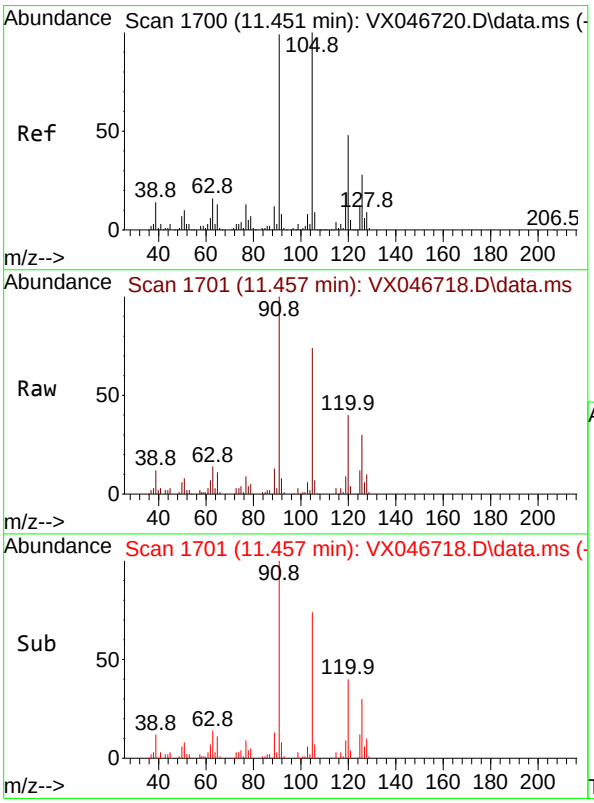
#81
trans-1,4-Dichloro-2-butene
Concen: 4.070 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 2663

Ion	Ratio	Lower	Upper
75	100		
53	114.8	86.8	130.2
89	42.7	36.9	55.3

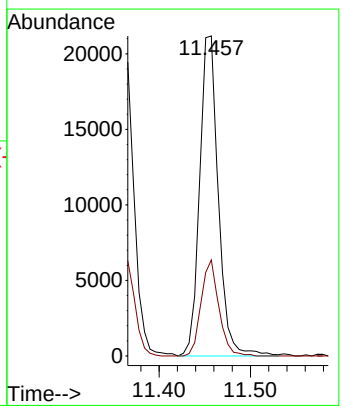


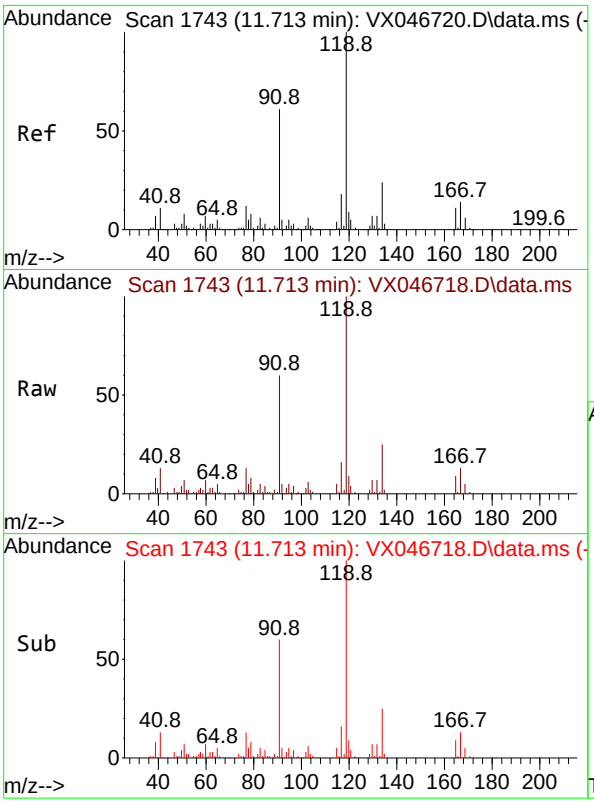


#82
4-Chlorotoluene
Concen: 4.889 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 91 Resp: 30097

Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.4	43.2



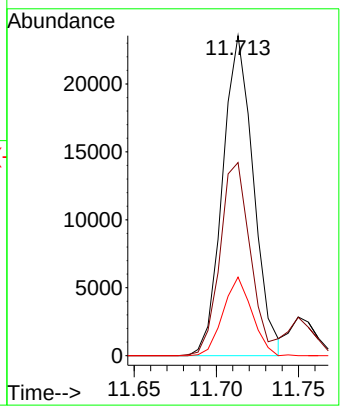


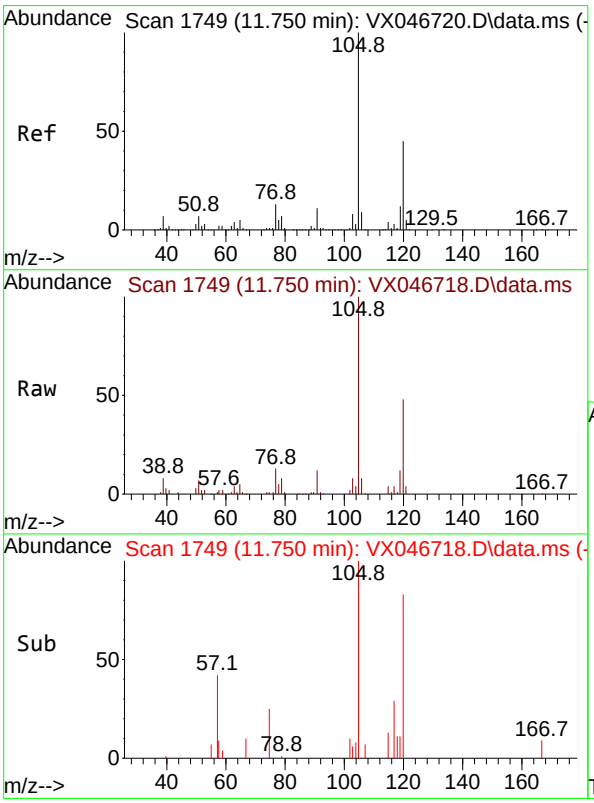
#83
tert-Butylbenzene
Concen: 4.864 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 30728

Ion	Ratio	Lower	Upper
119	100		
91	60.3	29.5	88.6
134	23.0	11.7	35.0

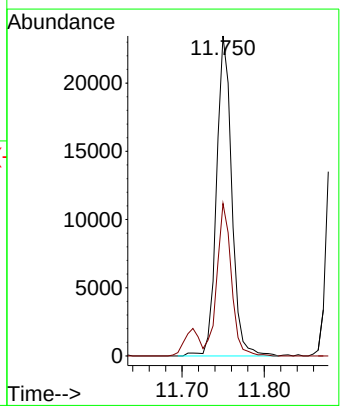


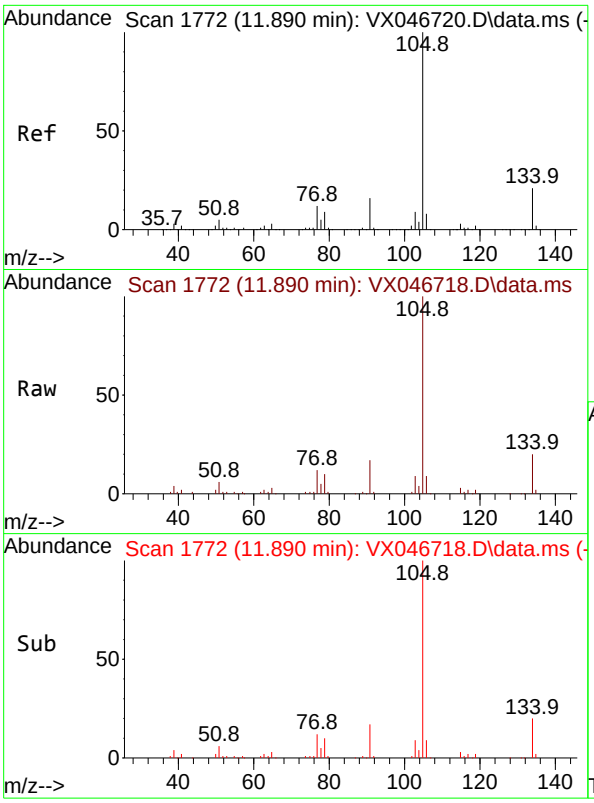


#84
1,2,4-Trimethylbenzene
Concen: 4.920 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:105 Resp: 30213

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.1	66.3



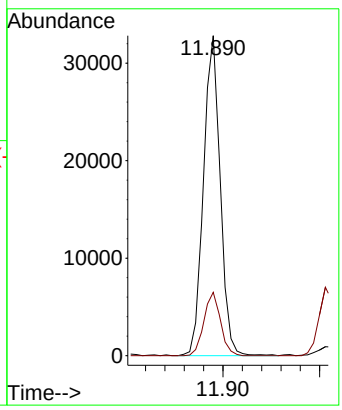


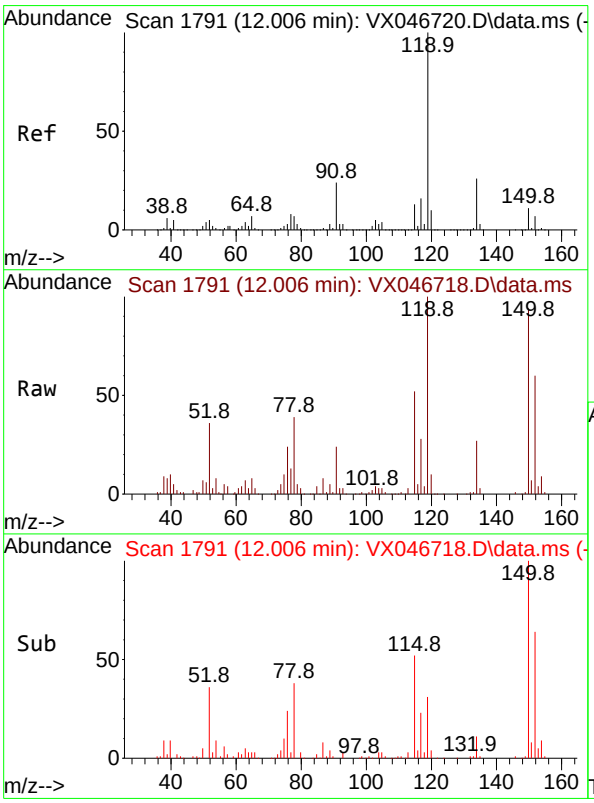
#85
sec-Butylbenzene
Concen: 4.958 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 39588

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

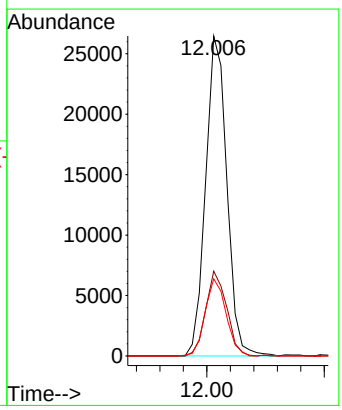


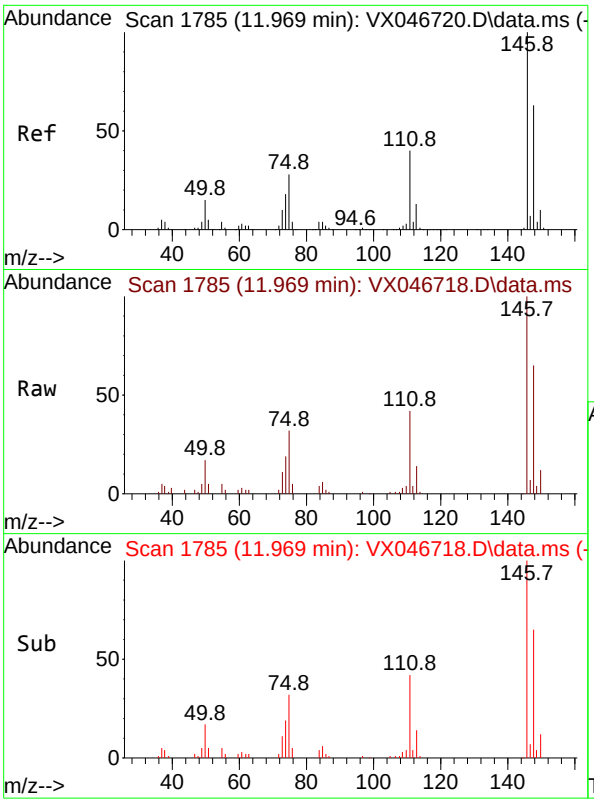


#86
p-Isopropyltoluene
Concen: 4.909 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:119 Resp: 33076

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	23.9	12.3	36.9



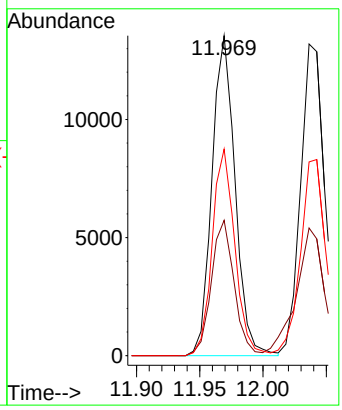


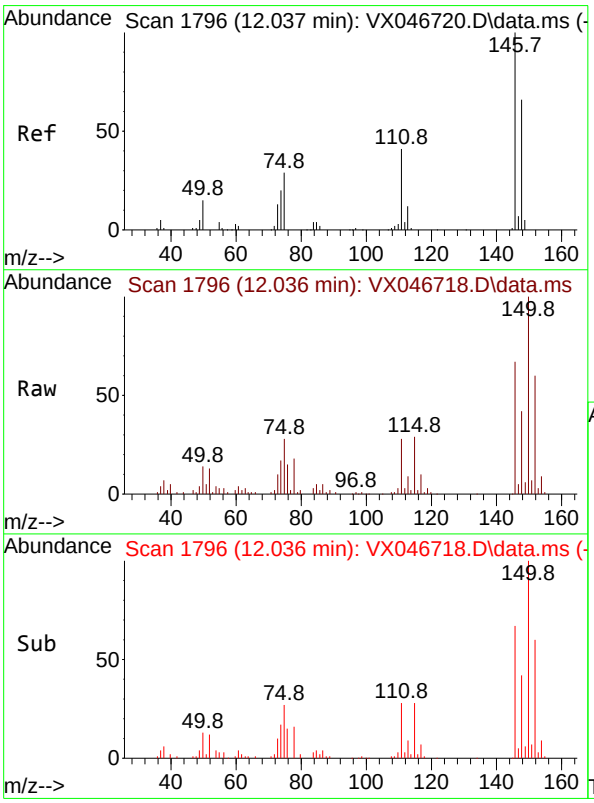
#87
1,3-Dichlorobenzene
Concen: 4.928 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 17198

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.8
148	63.3	31.6	94.8

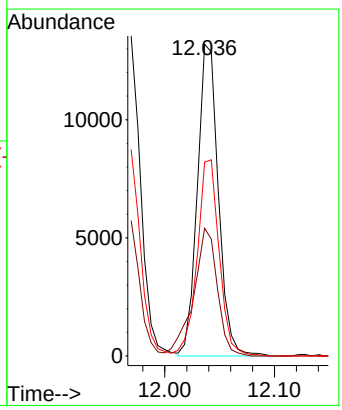


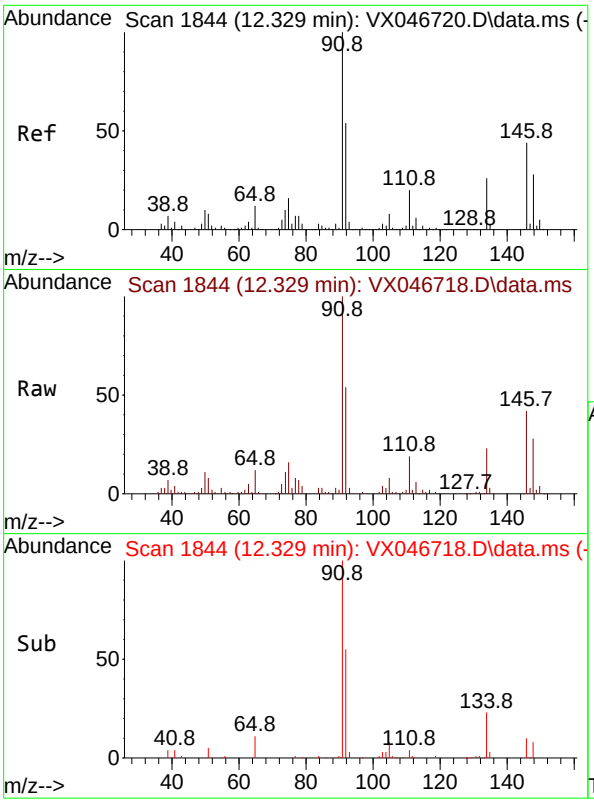


#88
1,4-Dichlorobenzene
Concen: 4.910 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:146 Resp: 17600

Ion	Ratio	Lower	Upper
146	100		
111	46.6	20.3	61.0
148	66.0	32.1	96.5



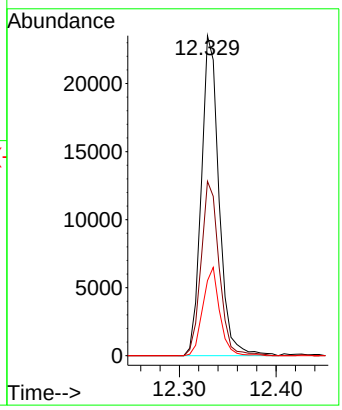


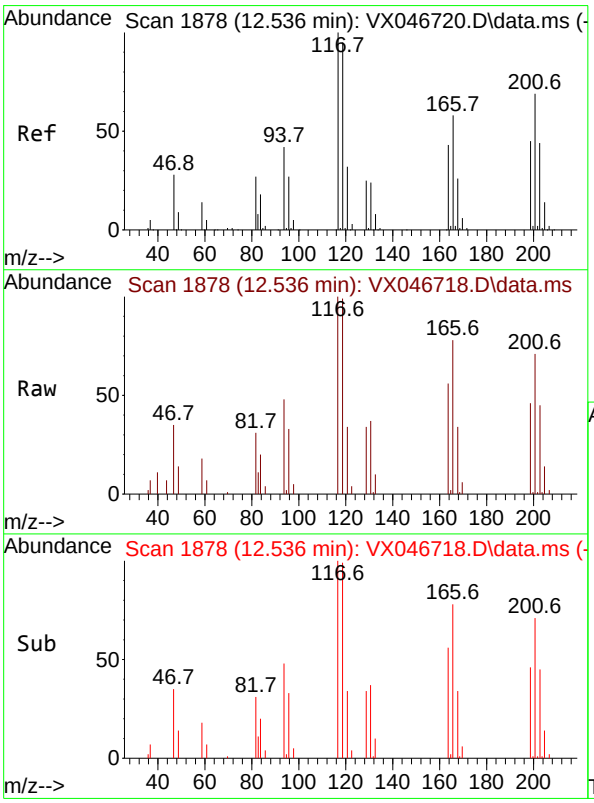
#89
n-Butylbenzene
Concen: 4.688 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 29990

Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.1	81.3
134	26.3	12.9	38.6

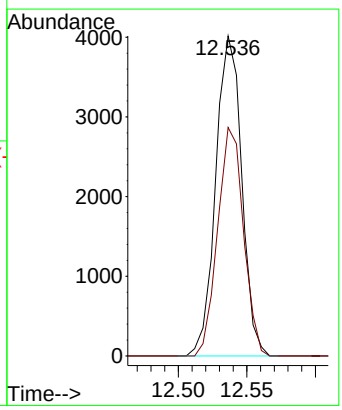


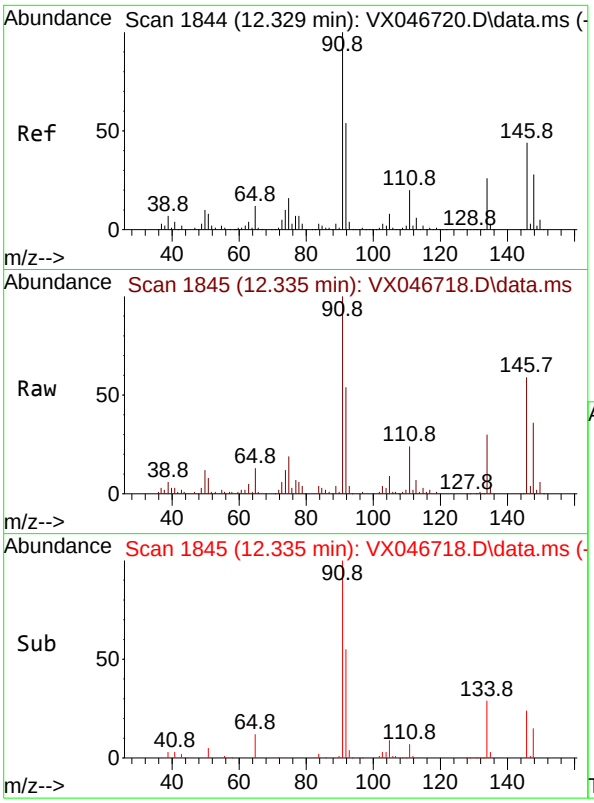


#90
Hexachloroethane
Concen: 4.480 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:117 Resp: 5285

Ion	Ratio	Lower	Upper
117	100		
201	71.1	34.4	103.3



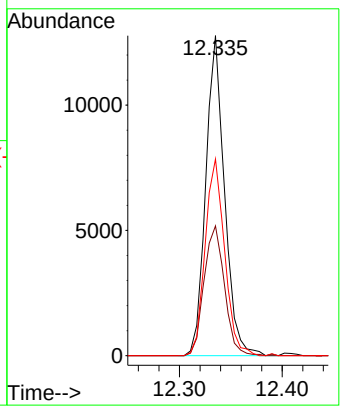


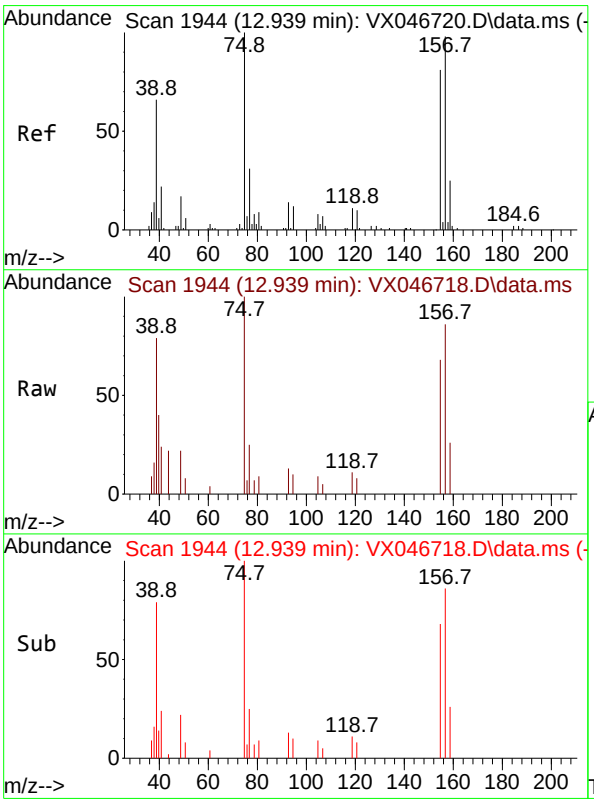
#91
1,2-Dichlorobenzene
Concen: 4.968 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 16203

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.7	65.1
148	64.0	32.0	96.2

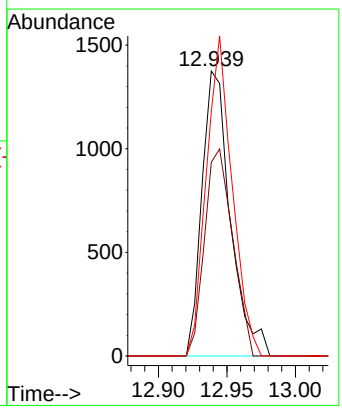


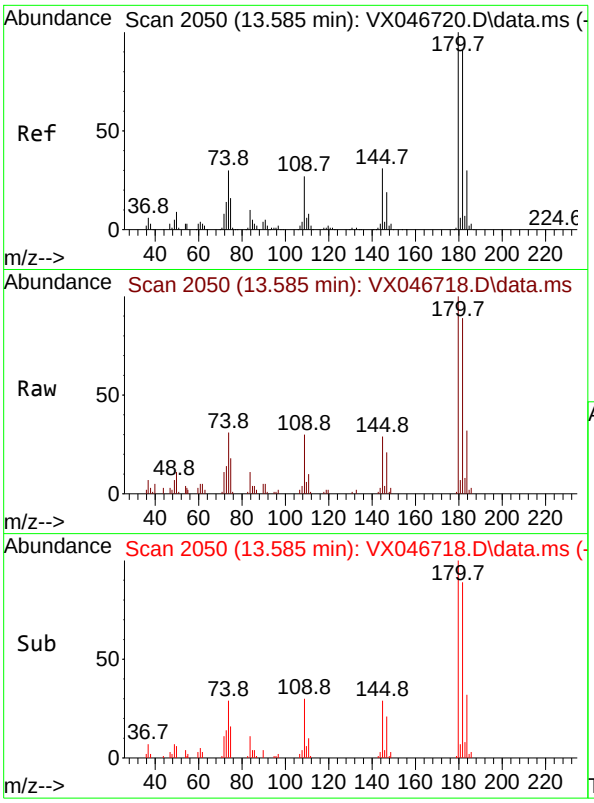


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.834 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 75 Resp: 1982

Ion	Ratio	Lower	Upper
75	100		
155	72.2	41.9	125.7
157	102.4	51.4	154.3



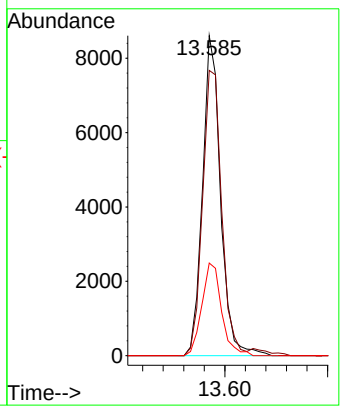


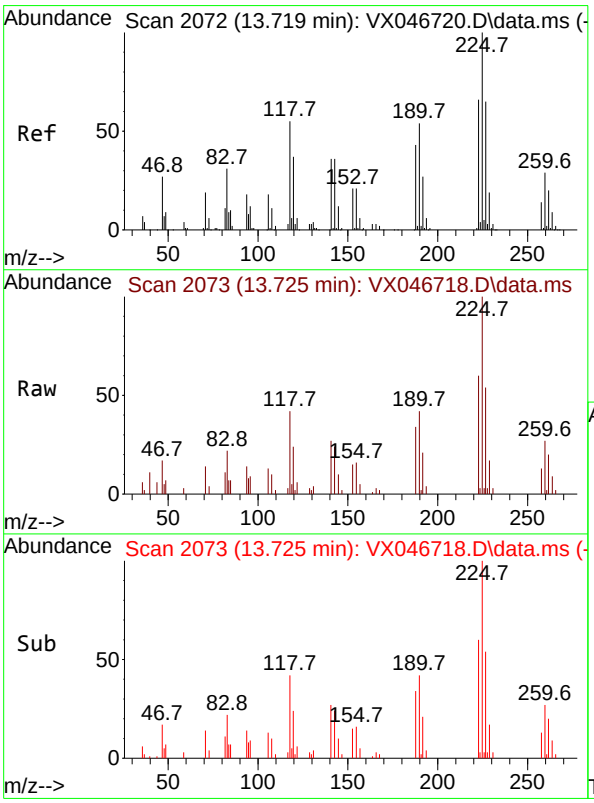
#93
1,2,4-Trichlorobenzene
Concen: 4.532 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 10507

Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.7	140.1
145	31.8	15.8	47.4

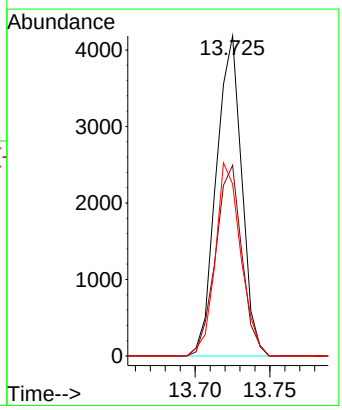


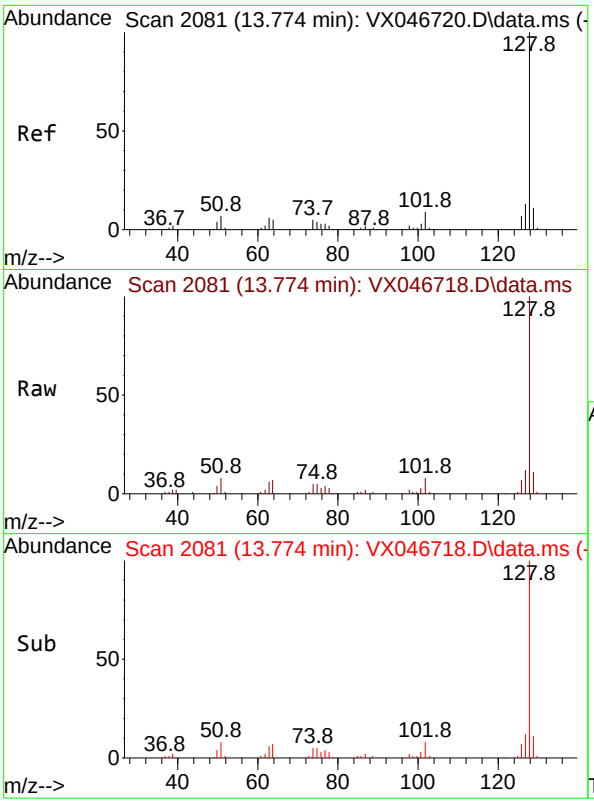


#94
Hexachlorobutadiene
Concen: 5.078 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:225 Resp: 4953

Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.5	97.5
227	60.3	32.2	96.6



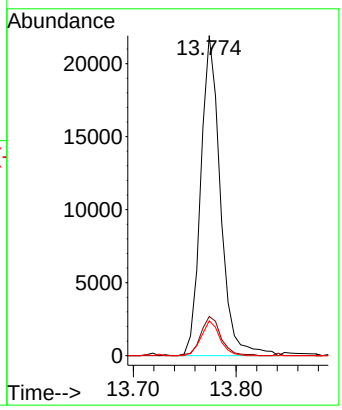


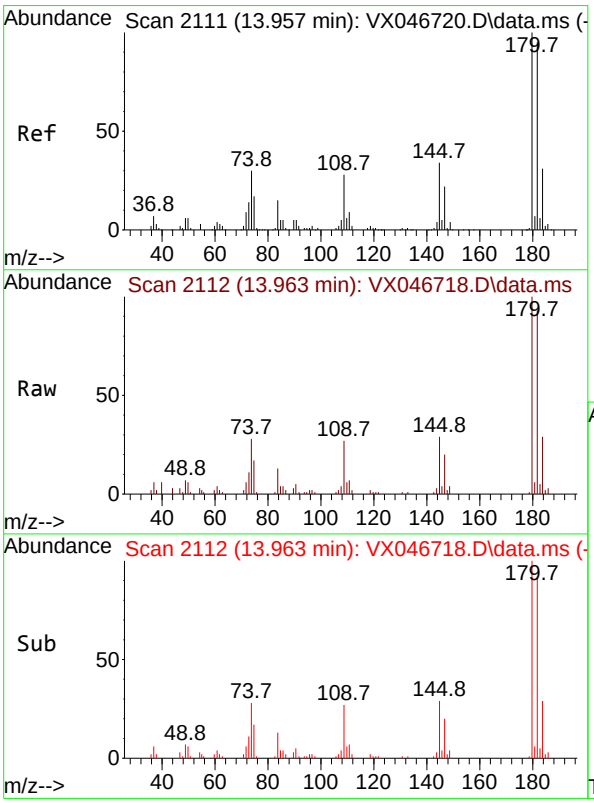
#95
Naphthalene
Concen: 4.414 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 29158

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.3	8.7	13.1

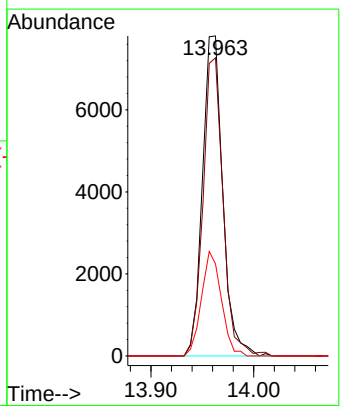




#96
1,2,3-Trichlorobenzene
Concen: 4.835 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:180 Resp: 10725

Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.8	143.4
145	32.0	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	134732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226567	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	197947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	30582	16.410	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	32.820%#		
35) Dibromofluoromethane	5.385	113	24156	16.114	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	32.220%#		
50) Toluene-d8	8.647	98	88197	16.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	32.760%#		
62) 4-Bromofluorobenzene	11.079	95	32067	15.973	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	31.940%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	27297	18.977	ug/l	97
3) Chloromethane	1.307	50	30731	19.793	ug/l	98
4) Vinyl Chloride	1.386	62	34049	20.565	ug/l	96
5) Bromomethane	1.618	94	19805	21.261	ug/l	91
6) Chloroethane	1.697	64	20911	20.838	ug/l	97
7) Trichlorofluoromethane	1.904	101	52480	20.875	ug/l	99
8) Diethyl Ether	2.142	74	18139	21.024	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	32778	21.253	ug/l	98
10) Methyl Iodide	2.465	142	30525	18.775	ug/l	99
11) Tert butyl alcohol	2.953	59	16360	97.808	ug/l	96
12) 1,1-Dichloroethene	2.331	96	30924	20.780	ug/l	92
13) Acrolein	2.246	56	20036	82.237	ug/l	98
14) Allyl chloride	2.672	41	56147	20.823	ug/l	99
15) Acrylonitrile	3.069	53	77278	102.746	ug/l	99
16) Acetone	2.386	43	59747	96.140	ug/l	97
17) Carbon Disulfide	2.526	76	88625	19.721	ug/l	99
18) Methyl Acetate	2.709	43	31812	20.154	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	97187	20.974	ug/l	95
20) Methylene Chloride	2.800	84	35302	20.426	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	33796	21.224	ug/l	95
22) Diisopropyl ether	3.764	45	111712	21.555	ug/l	95
23) Vinyl Acetate	3.727	43	433313	105.140	ug/l	100
24) 1,1-Dichloroethane	3.617	63	62164	21.126	ug/l	98
25) 2-Butanone	4.556	43	87671	99.748	ug/l	99
26) 2,2-Dichloropropane	4.483	77	42992	20.032	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	39374	21.047	ug/l	99
28) Bromochloromethane	4.904	49	24738	18.544	ug/l	100
29) Tetrahydrofuran	5.007	42	56765	99.990	ug/l	98
30) Chloroform	5.093	83	64109	21.785	ug/l	100
31) Cyclohexane	5.477	56	58552	20.982	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	54542	21.133	ug/l	99
36) 1,1-Dichloropropene	5.696	75	44023	20.344	ug/l	99
37) Ethyl Acetate	4.715	43	39916	19.984	ug/l	99
38) Carbon Tetrachloride	5.684	117	48694	20.735	ug/l	97
39) Methylcyclohexane	7.379	83	58170	20.428	ug/l	97
40) Benzene	6.038	78	133872	20.904	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21970	20.632	ug/l		97
42) 1,2-Dichloroethane	6.086	62	47430	21.076	ug/l		99
43) Isopropyl Acetate	6.342	43	62432	19.975	ug/l		100
44) Trichloroethene	7.129	130	33927	20.788	ug/l		100
45) 1,2-Dichloropropane	7.428	63	33688	21.226	ug/l		94
46) Dibromomethane	7.580	93	23569	20.663	ug/l		99
47) Bromodichloromethane	7.818	83	49411	21.227	ug/l		98
48) Methyl methacrylate	7.690	41	31856	20.322	ug/l		98
49) 1,4-Dioxane	7.659	88	8340	382.035	ug/l		93
51) 4-Methyl-2-Pentanone	8.568	43	187509	100.586	ug/l		99
52) Toluene	8.714	92	84030	21.166	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	43852	20.304	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	50326	20.526	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	30865	20.862	ug/l		94
56) Ethyl methacrylate	9.116	69	44702	20.468	ug/l		99
57) 1,3-Dichloropropane	9.305	76	52181	20.480	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	106505	93.878	ug/l		99
59) 2-Hexanone	9.427	43	129218	100.265	ug/l		99
60) Dibromochloromethane	9.519	129	36392	20.872	ug/l		99
61) 1,2-Dibromoethane	9.604	107	31507	20.936	ug/l		100
64) Tetrachloroethene	9.269	164	27988	20.408	ug/l		97
65) Chlorobenzene	10.073	112	90868	20.796	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	31508	21.455	ug/l		100
67) Ethyl Benzene	10.189	91	160761	21.056	ug/l		99
68) m/p-Xylenes	10.299	106	121014	42.539	ug/l		99
69) o-Xylene	10.640	106	57689	21.638	ug/l		100
70) Styrene	10.653	104	99462	21.318	ug/l		99
71) Bromoform	10.799	173	23372	20.898	ug/l	#	100
73) Isopropylbenzene	10.957	105	153861	21.255	ug/l		99
74) N-amyl acetate	10.842	43	57185	20.851	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	42272	20.914	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	44152	22.117	ug/l		93
77) Bromobenzene	11.195	156	37464	21.507	ug/l		99
78) n-propylbenzene	11.299	91	184078	21.410	ug/l		100
79) 2-Chlorotoluene	11.360	91	107552	20.952	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	129635	21.793	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	11694	18.362	ug/l		98
82) 4-Chlorotoluene	11.451	91	127954	21.358	ug/l		100
83) tert-Butylbenzene	11.713	119	130359	21.201	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	128566	21.512	ug/l		99
85) sec-Butylbenzene	11.890	105	165047	21.239	ug/l		99
86) p-Isopropyltoluene	12.006	119	138623	21.142	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	70243	20.681	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	71953	20.625	ug/l		99
89) n-Butylbenzene	12.329	91	129101	20.738	ug/l		100
90) Hexachloroethane	12.536	117	23645	20.594	ug/l		97
91) 1,2-Dichlorobenzene	12.329	146	66883	21.073	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8071	20.226	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	44726	19.821	ug/l		97
94) Hexachlorobutadiene	13.725	225	19698	20.752	ug/l		99
95) Naphthalene	13.774	128	129768	20.186	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	44380	20.558	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

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

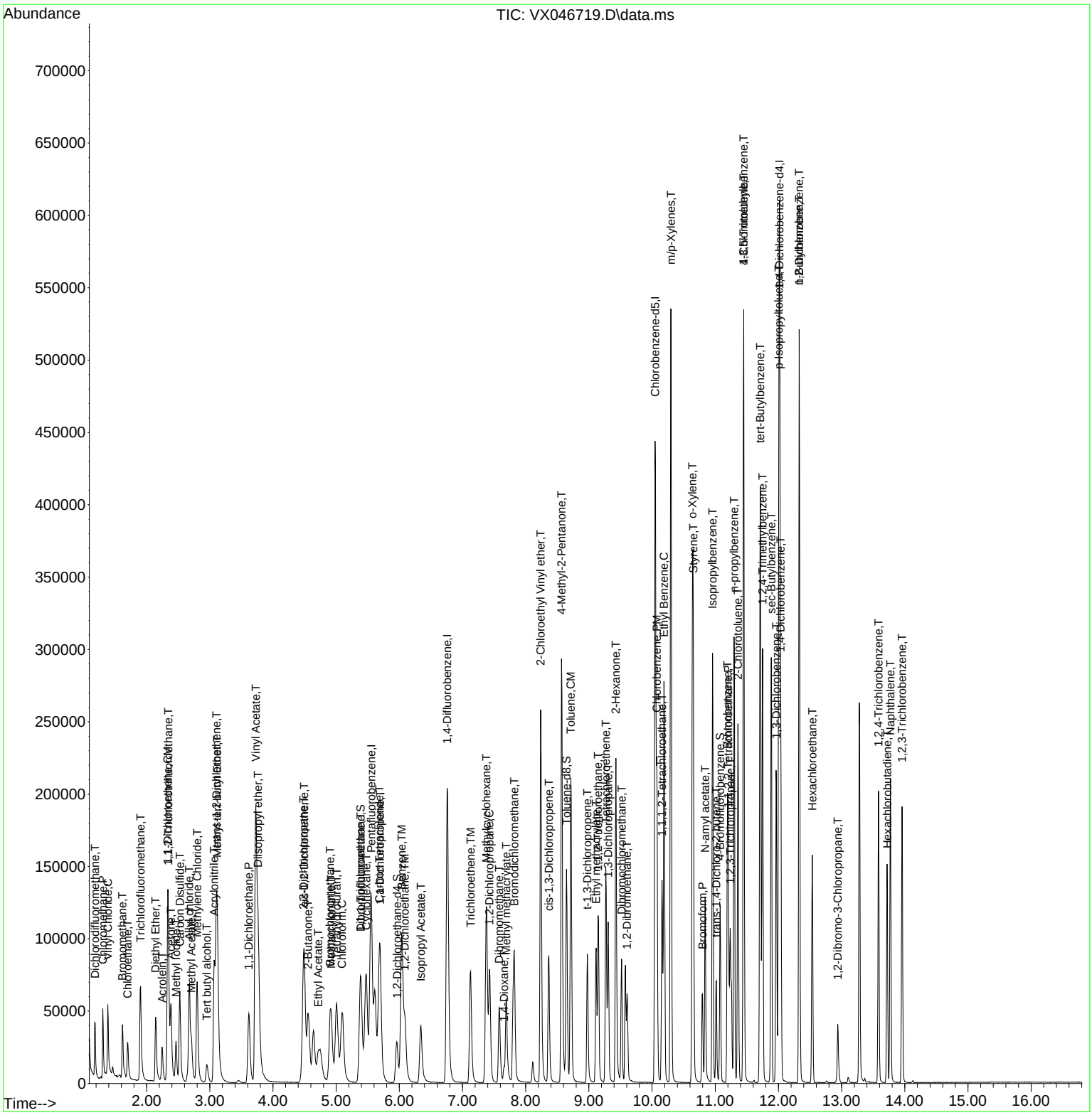
(#) = qualifier out of range (m) = manual integration (+) = signals summed

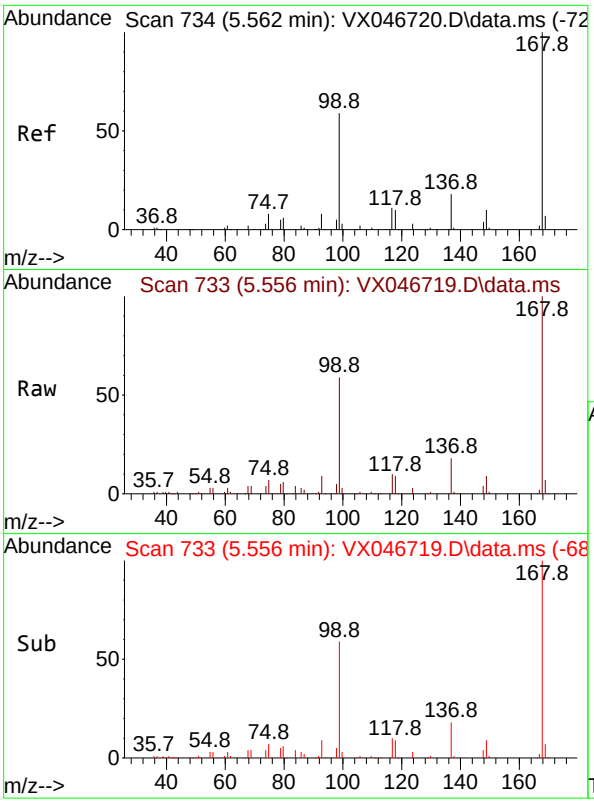
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration



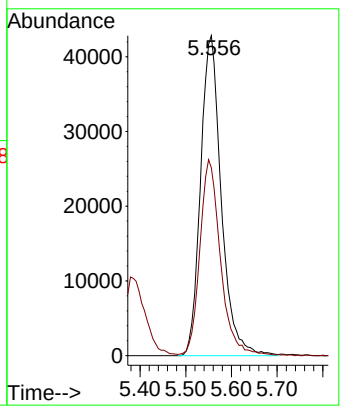


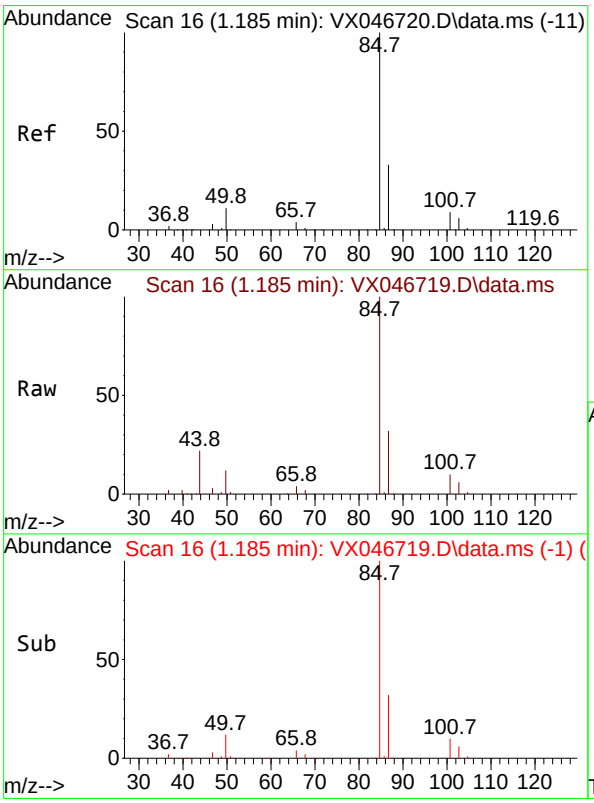
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 134732

Ion	Ratio	Lower	Upper
168	100		
99	58.4	48.5	72.7

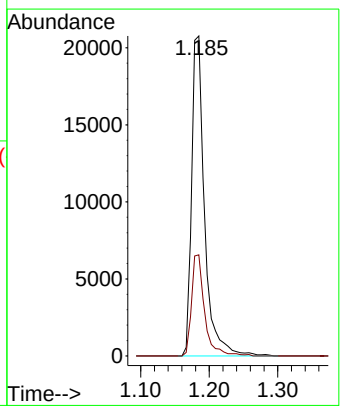


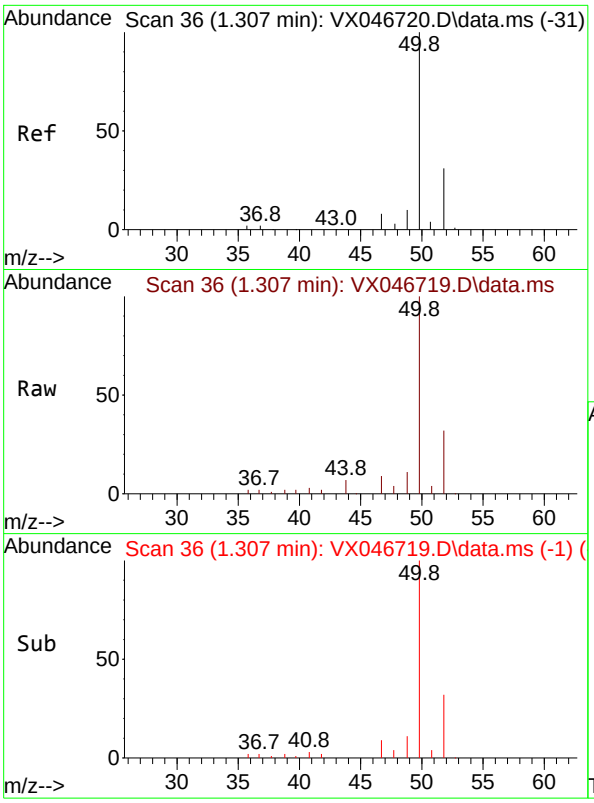


#2
Dichlorodifluoromethane
Concen: 18.977 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 85 Resp: 27297

Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.6	49.8



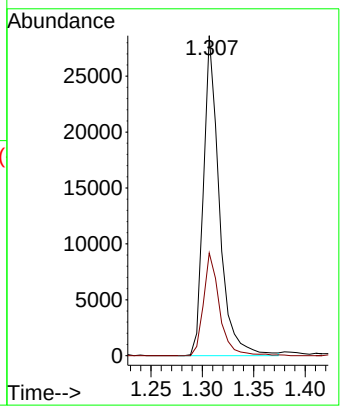


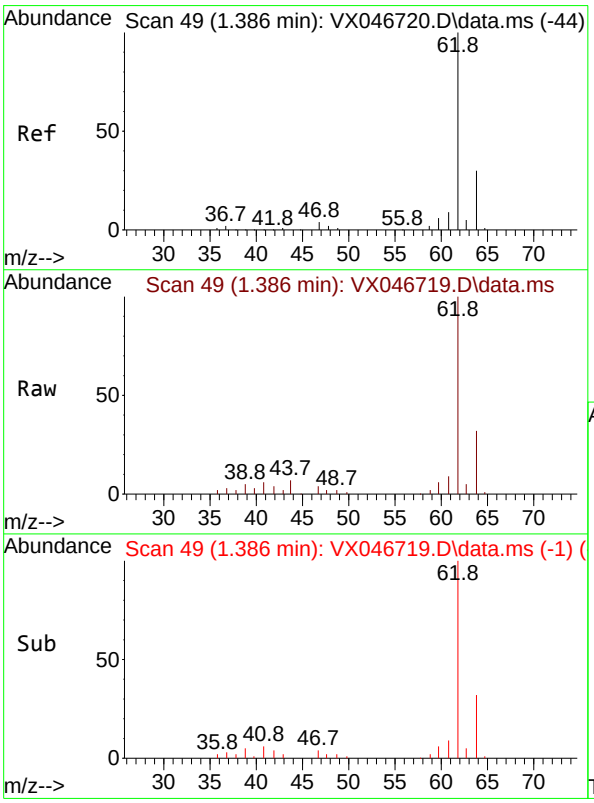
#3
Chloromethane
Concen: 19.793 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 30731

Ion	Ratio	Lower	Upper
50	100		
52	32.1	24.9	37.3

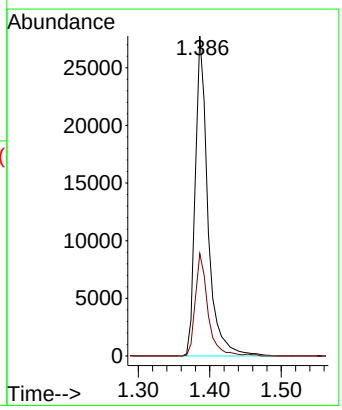


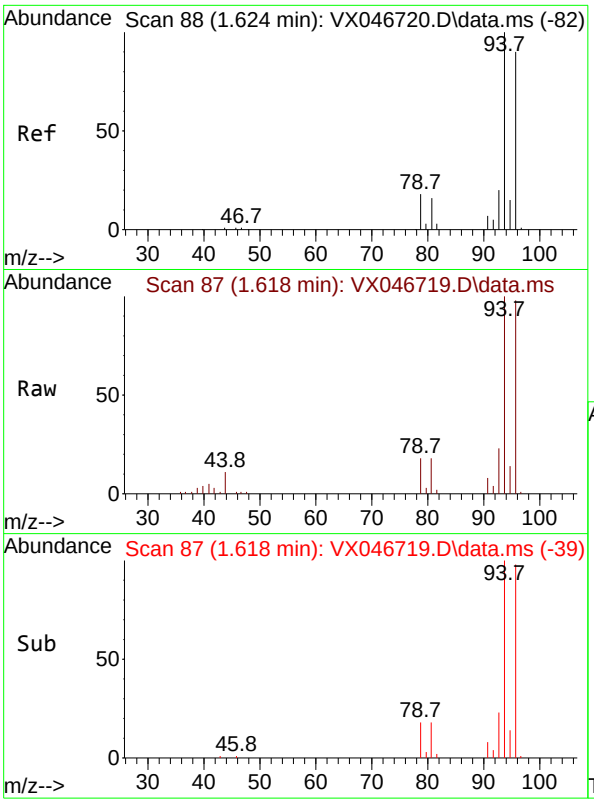


#4
Vinyl Chloride
Concen: 20.565 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 62 Resp: 34049

Ion	Ratio	Lower	Upper
62	100		
64	32.0	23.9	35.9



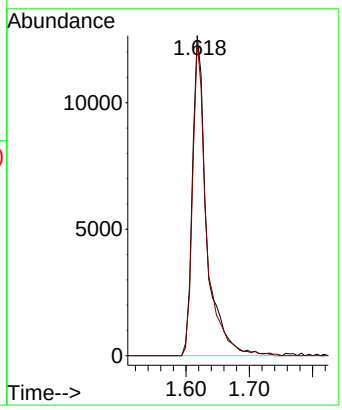


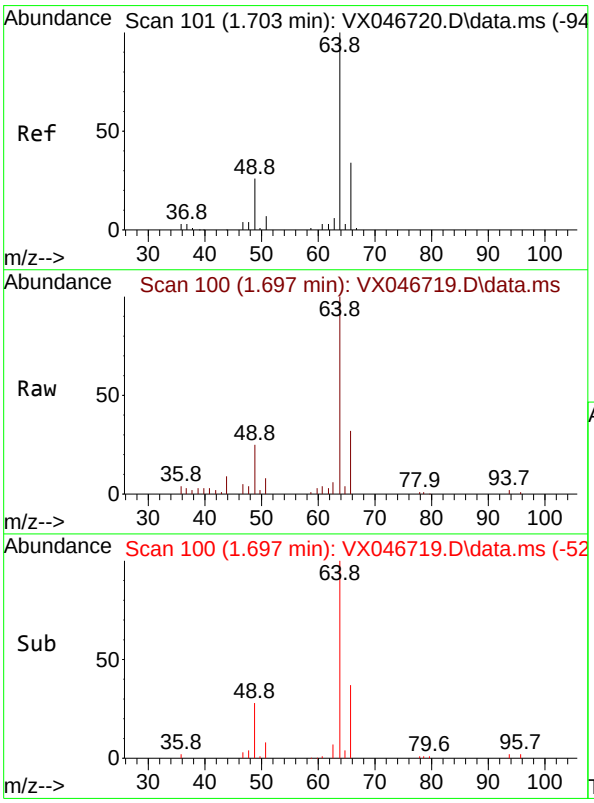
#5
Bromomethane
Concen: 21.261 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 19805

Ion	Ratio	Lower	Upper
94	100		
96	99.2	72.3	108.5

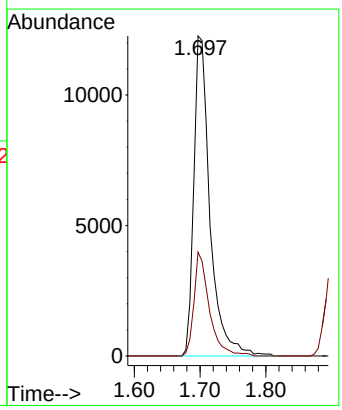


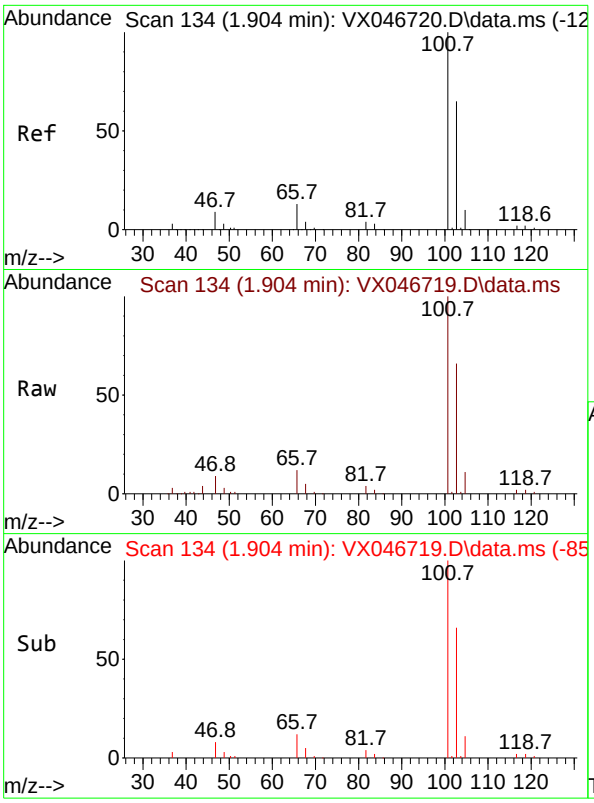


#6
Chloroethane
Concen: 20.838 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 64 Resp: 20911

Ion	Ratio	Lower	Upper
64	100		
66	32.4	27.1	40.7



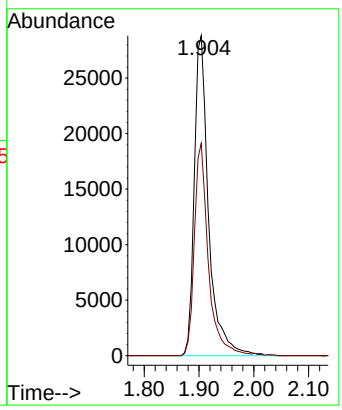


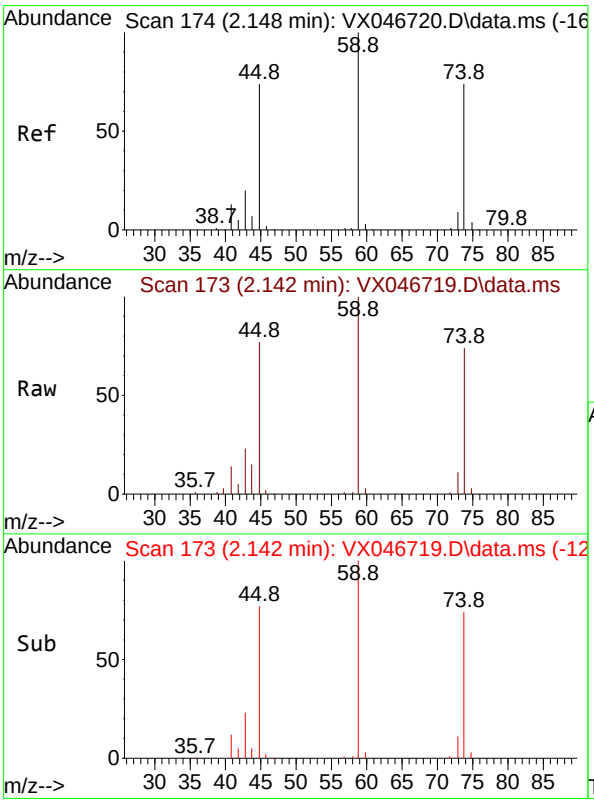
#7
Trichlorofluoromethane
Concen: 20.875 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 52480

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.8	77.8

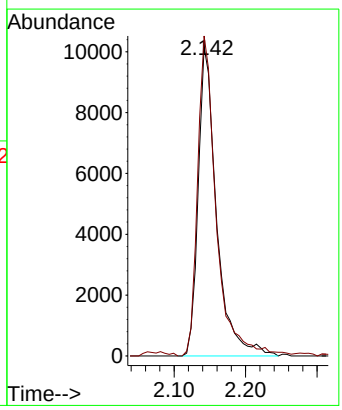


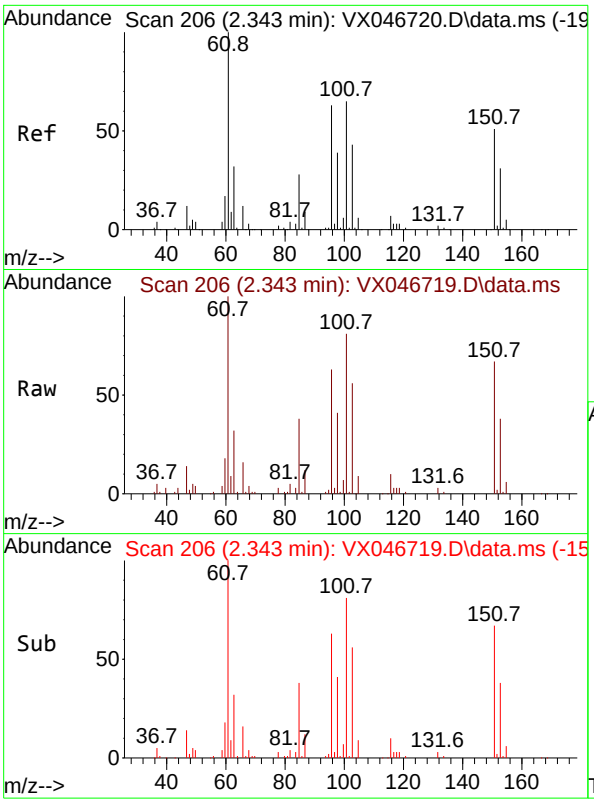


#8
Diethyl Ether
Concen: 21.024 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 74 Resp: 18139

Ion	Ratio	Lower	Upper
74	100		
45	104.8	52.3	157.1



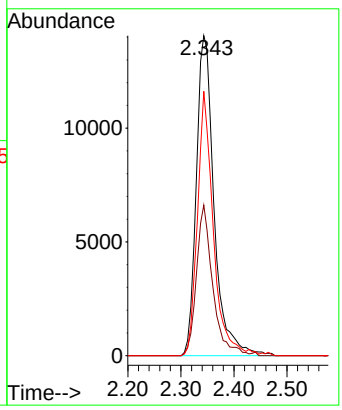


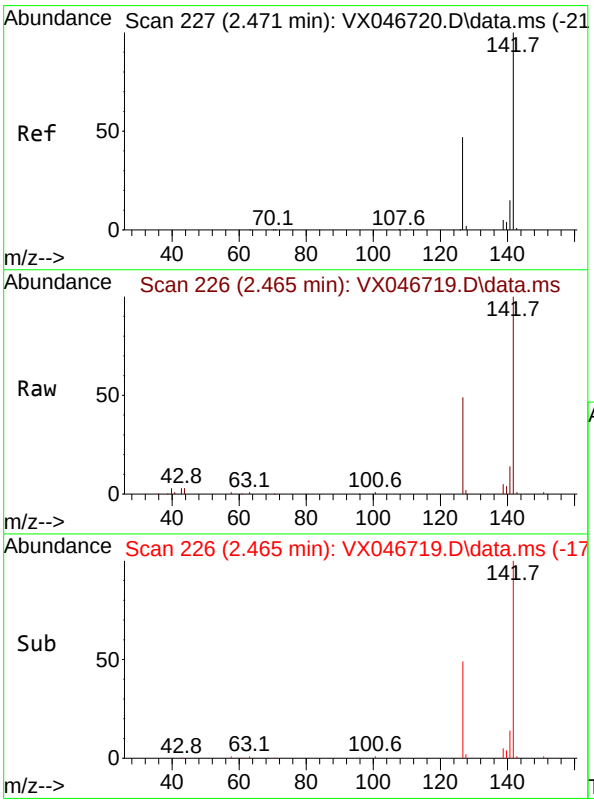
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.253 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 32778

Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.4	53.0
151	74.1	61.2	91.8

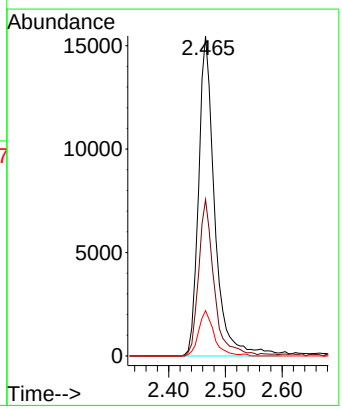


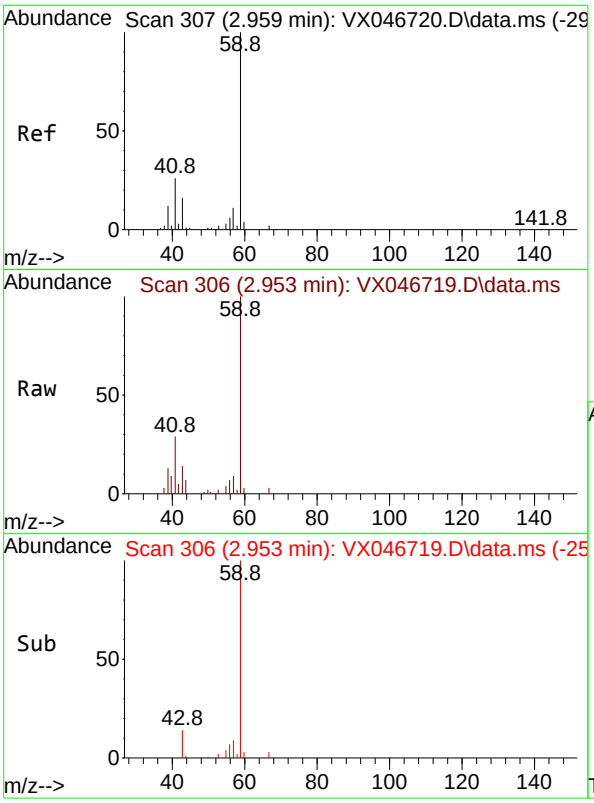


#10
Methyl Iodide
Concen: 18.775 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:142 Resp: 30525

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.0	55.6
141	13.7	11.5	17.3



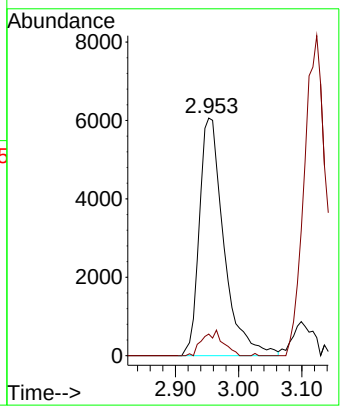


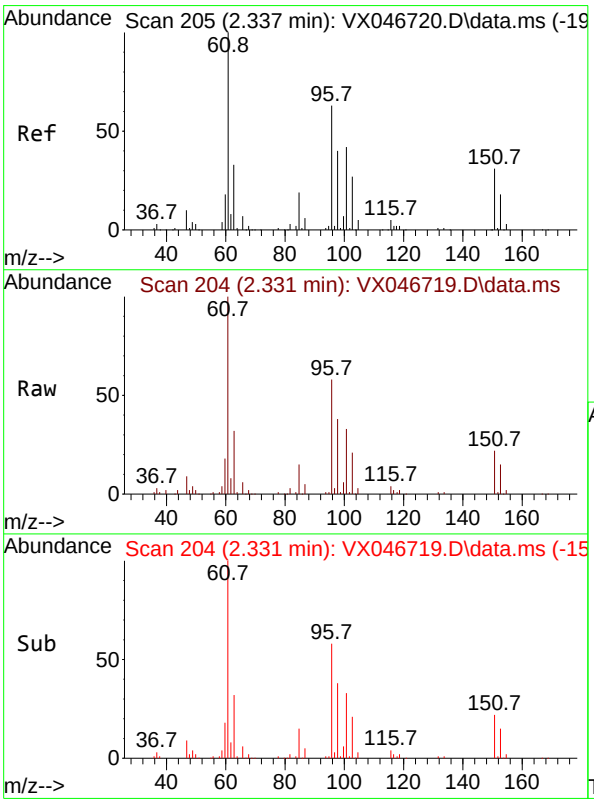
#11
Tert butyl alcohol
Concen: 97.808 ug/l
RT: 2.953 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 16360

Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.3	12.5

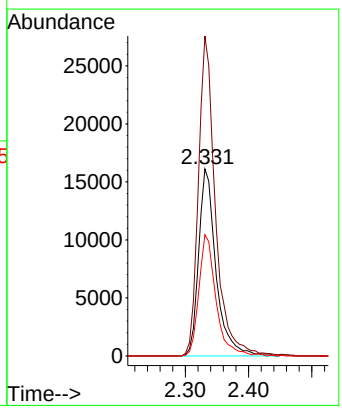


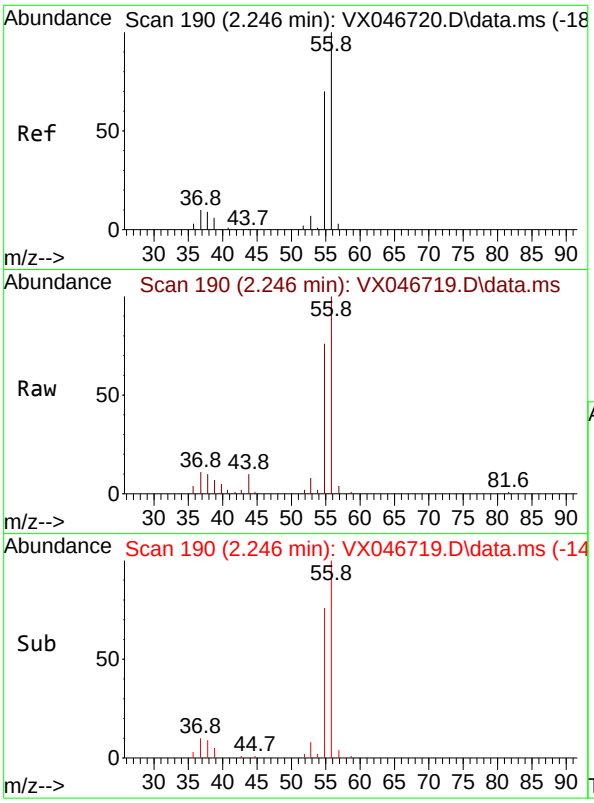


#12
1,1-Dichloroethene
Concen: 20.780 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 96 Resp: 30924

Ion	Ratio	Lower	Upper
96	100		
61	171.1	126.6	189.8
98	64.9	50.7	76.1



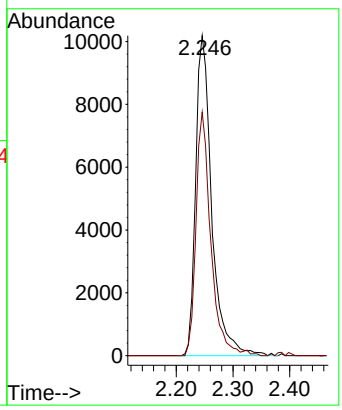


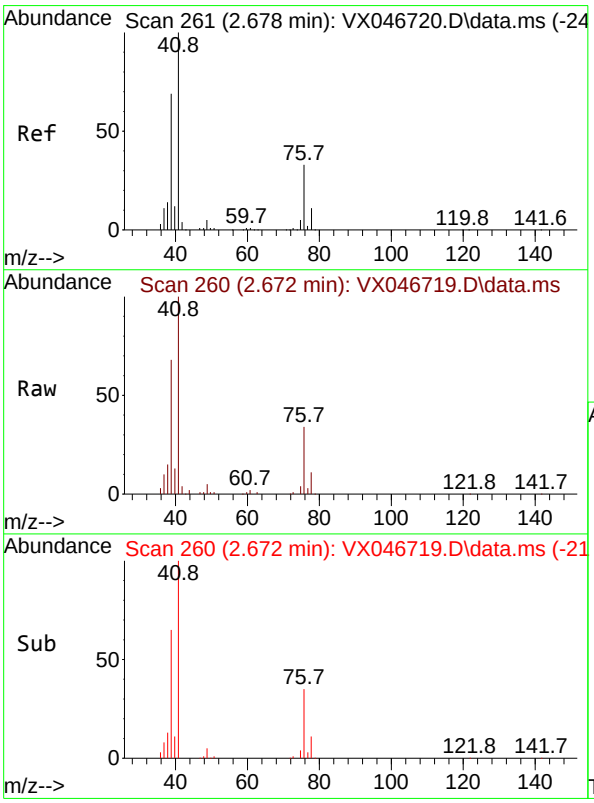
#13
Acrolein
Concen: 82.237 ug/l
RT: 2.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 20036

Ion	Ratio	Lower	Upper
56	100		
55	70.4	55.2	82.8

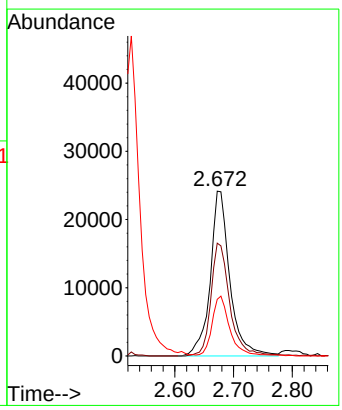


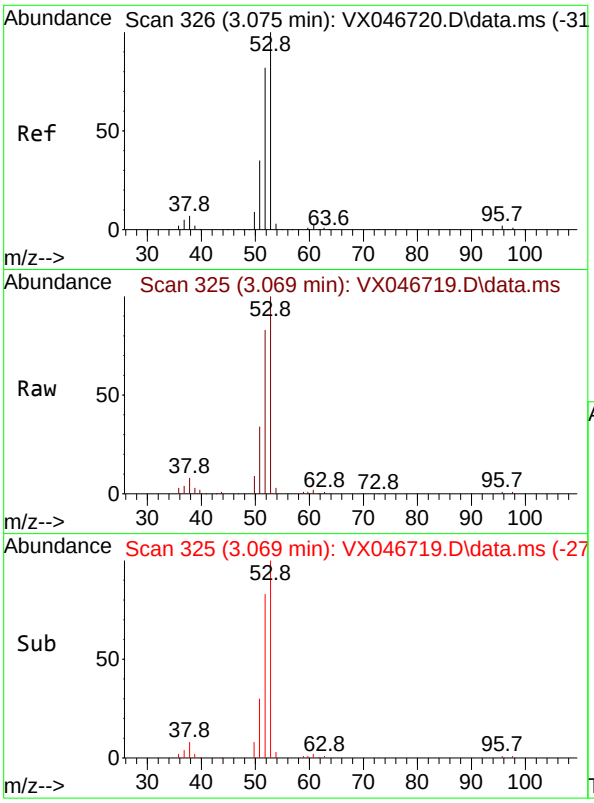


#14
Allyl chloride
Concen: 20.823 ug/l
RT: 2.672 min Scan# 260
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 41 Resp: 56147

Ion	Ratio	Lower	Upper
41	100		
39	66.0	53.6	80.4
76	33.0	26.8	40.2



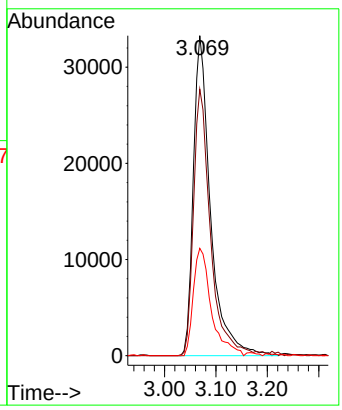


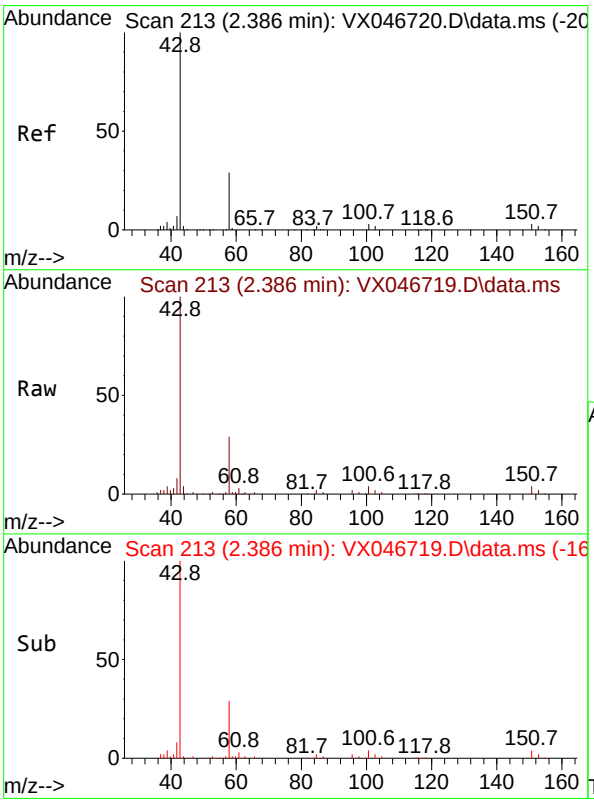
#15
Acrylonitrile
Concen: 102.746 ug/l
RT: 3.069 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 77278

Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.1	97.7
51	35.1	28.9	43.3

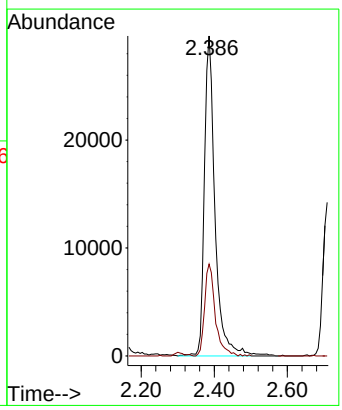


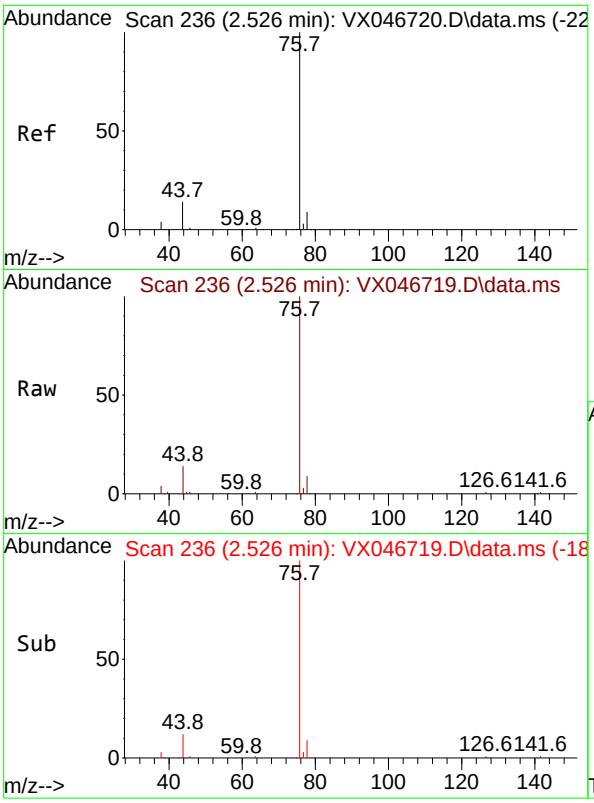


#16
Acetone
Concen: 96.140 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 59747

Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.5	36.7



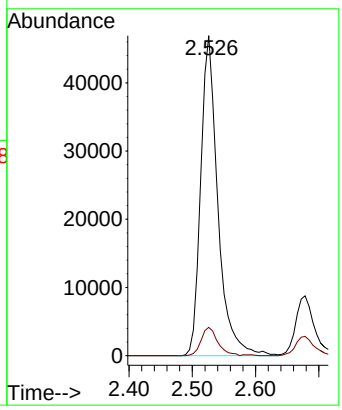


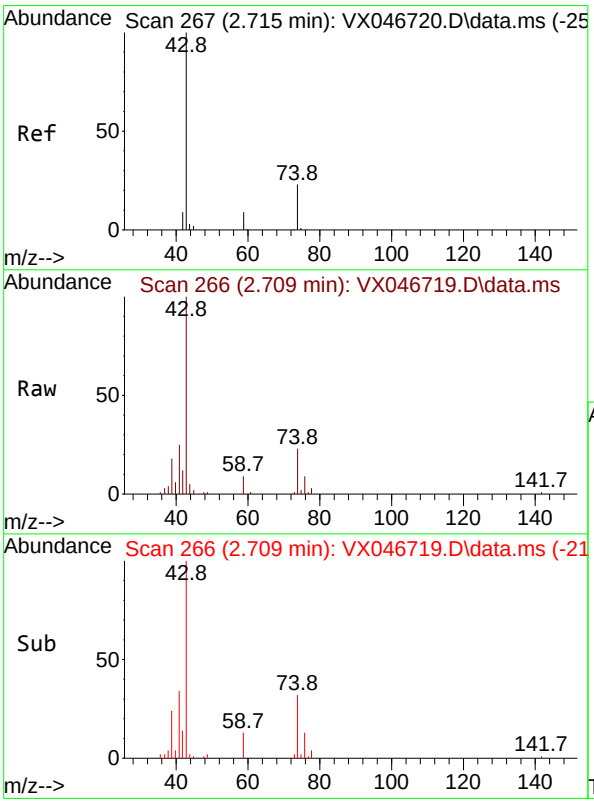
#17
Carbon Disulfide
Concen: 19.721 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 88625

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

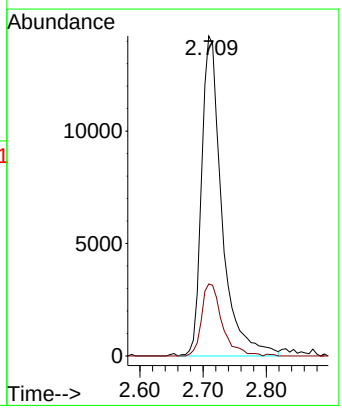


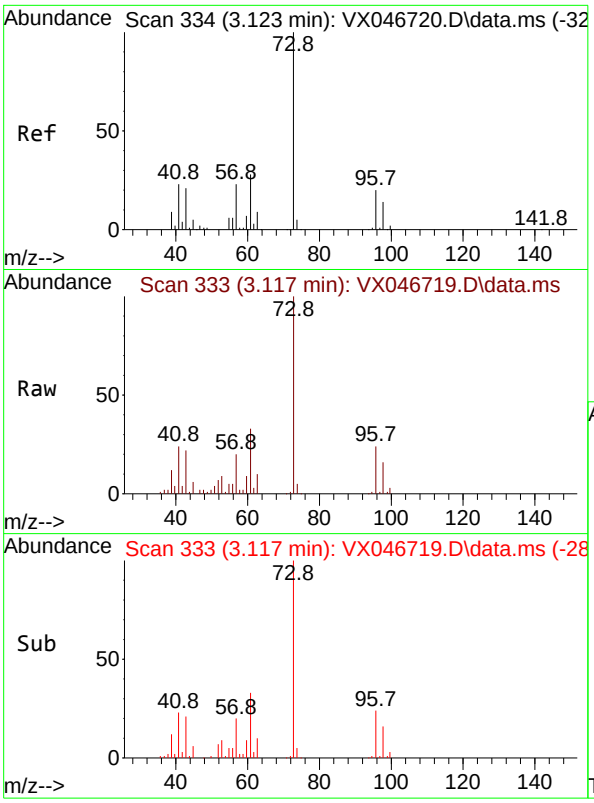


#18
Methyl Acetate
Concen: 20.154 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 31812

Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.4	27.6



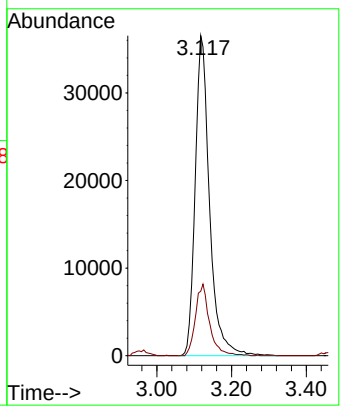


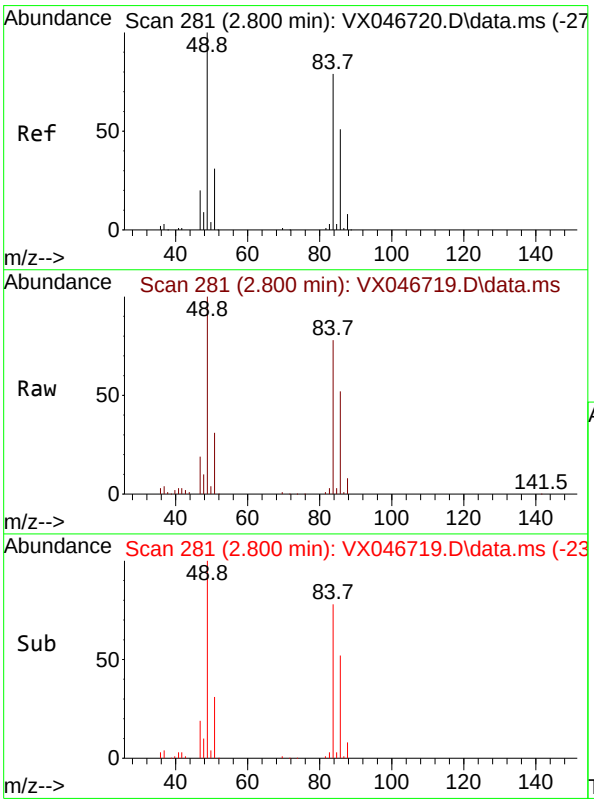
#19
Methyl tert-butyl Ether
Concen: 20.974 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 97187

Ion	Ratio	Lower	Upper
73	100		
57	20.2	18.2	27.2

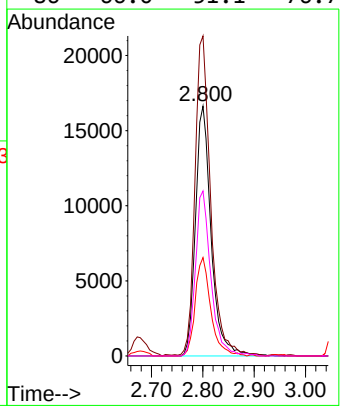


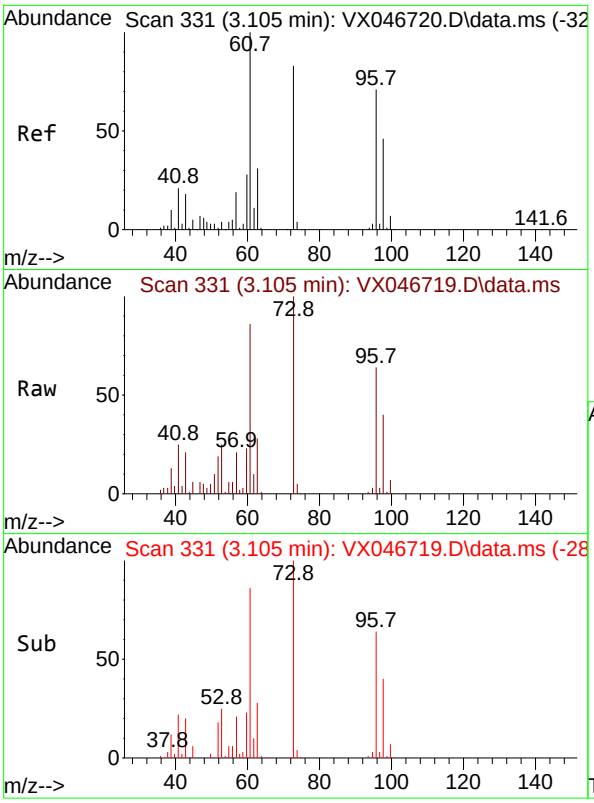


#20
Methylene Chloride
Concen: 20.426 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 84 Resp: 35302

Ion	Ratio	Lower	Upper
84	100		
49	127.8	101.3	151.9
51	39.4	31.0	46.6
86	66.0	51.1	76.7



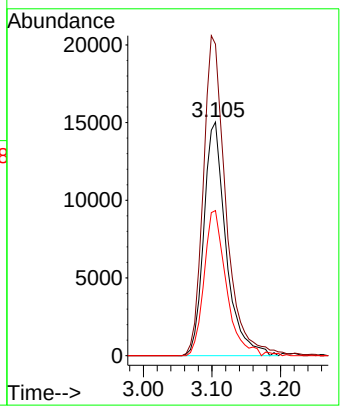


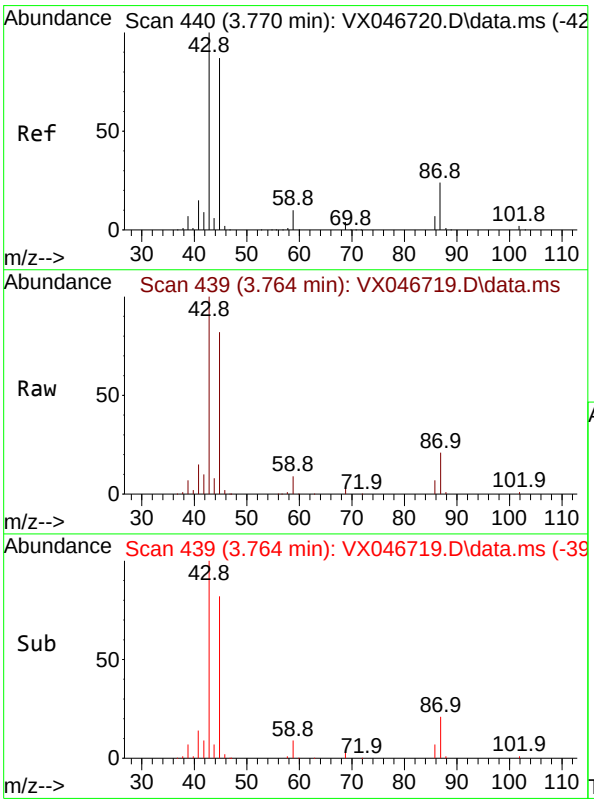
#21
trans-1,2-Dichloroethene
Concen: 21.224 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 33796

Ion	Ratio	Lower	Upper
96	100		
61	133.3	112.5	168.7
98	62.1	51.9	77.9

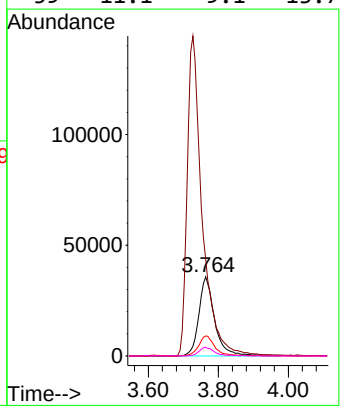


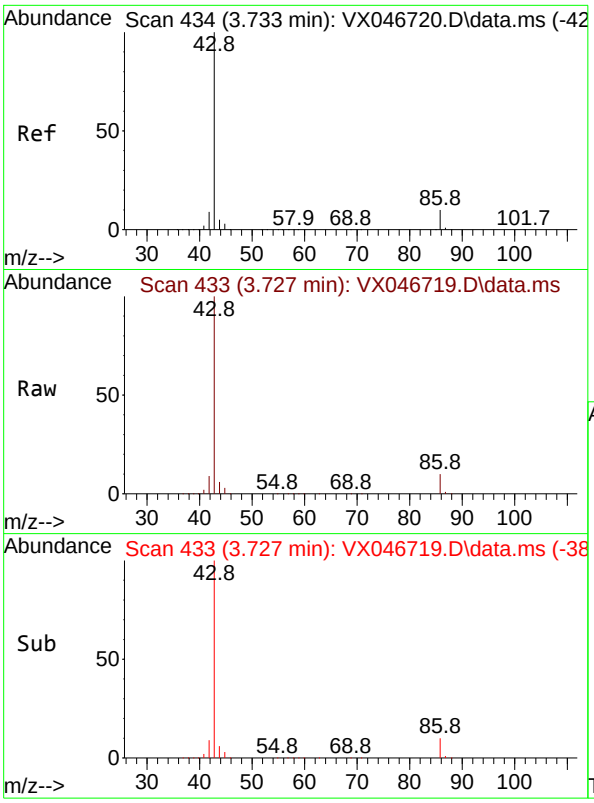


#22
Diisopropyl ether
Concen: 21.555 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 45 Resp: 111712

Ion	Ratio	Lower	Upper
45	100		
43	120.9	91.9	137.9
87	25.2	22.0	33.0
59	11.1	9.1	13.7



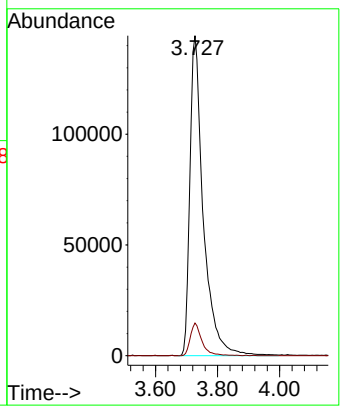


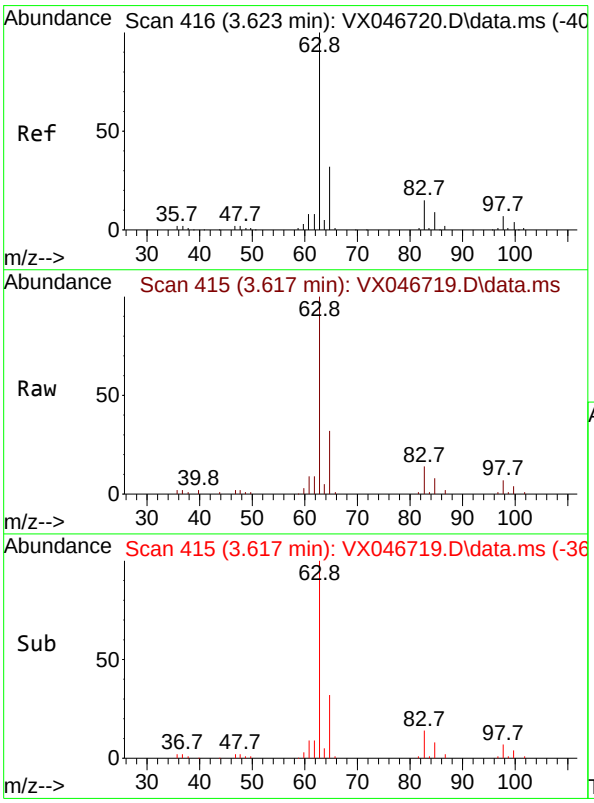
#23
Vinyl Acetate
Concen: 105.140 ug/l
RT: 3.727 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 433313

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

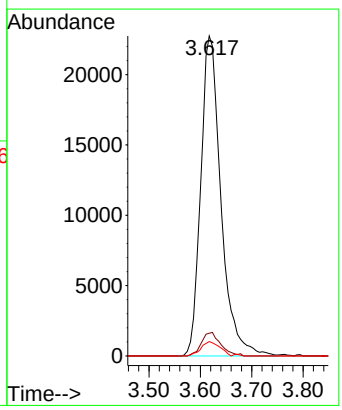


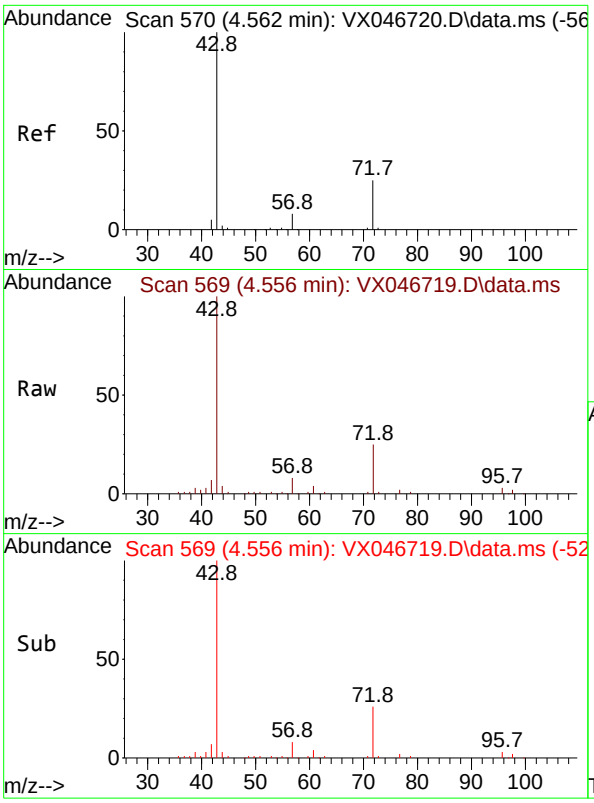


#24
1,1-Dichloroethane
Concen: 21.126 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 63 Resp: 62164

Ion	Ratio	Lower	Upper
63	100		
98	7.1	4.0	11.9
100	4.5	2.2	6.6



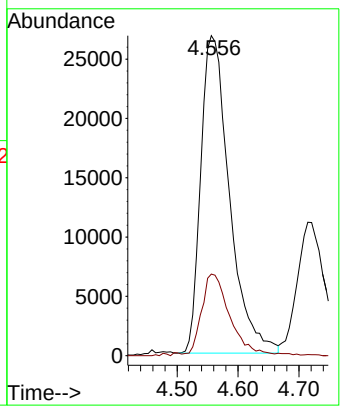


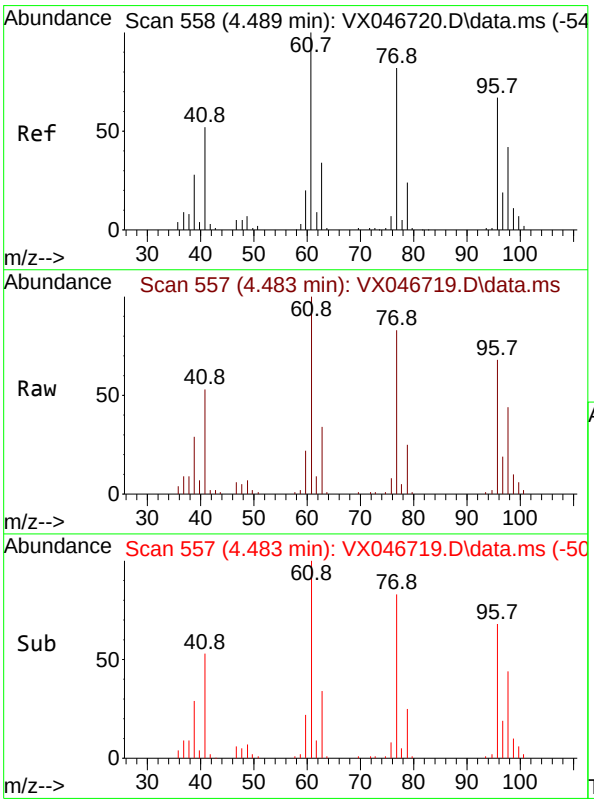
#25
2-Butanone
Concen: 99.748 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 87671

Ion	Ratio	Lower	Upper
43	100		
72	24.9	20.2	30.4

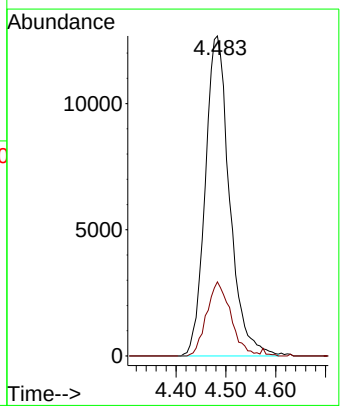


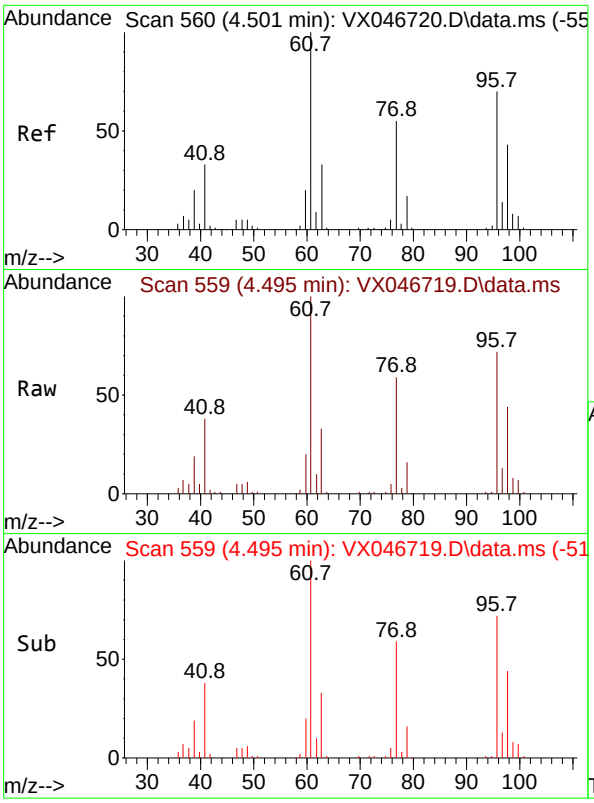


#26
2,2-Dichloropropane
Concen: 20.032 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 77 Resp: 42992

Ion	Ratio	Lower	Upper
77	100		
97	22.9	11.8	35.3



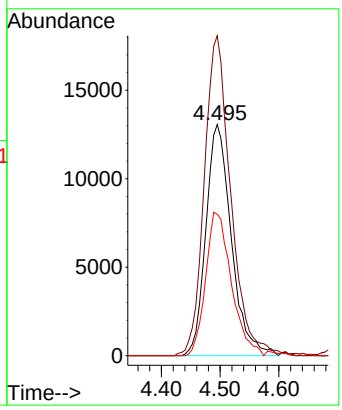


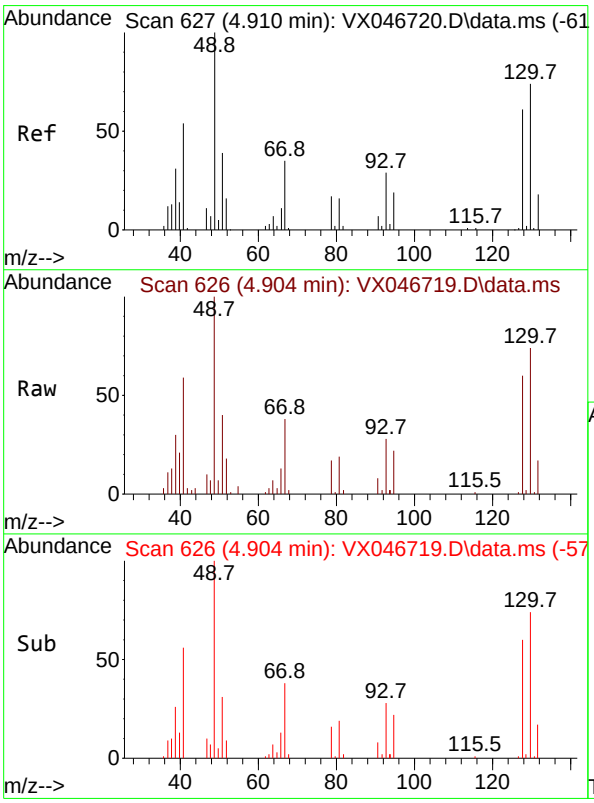
#27
cis-1,2-Dichloroethene
Concen: 21.047 ug/l
RT: 4.495 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 39374

Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	291.0
98	62.5	0.0	126.8

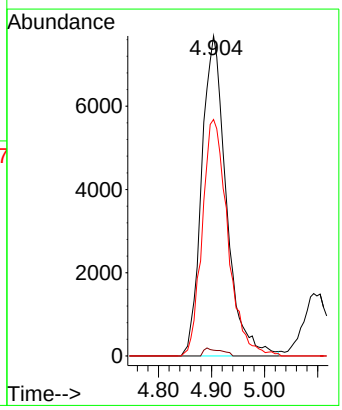


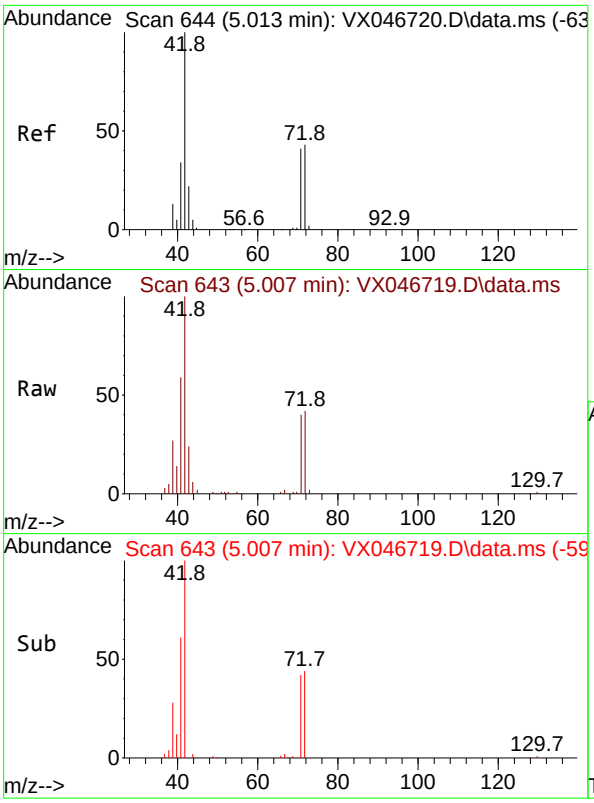


#28
Bromochloromethane
Concen: 18.544 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 49 Resp: 24738

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	76.8	61.4	92.0



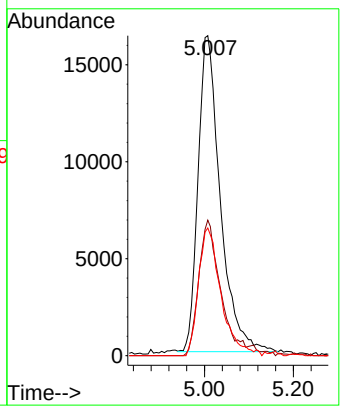


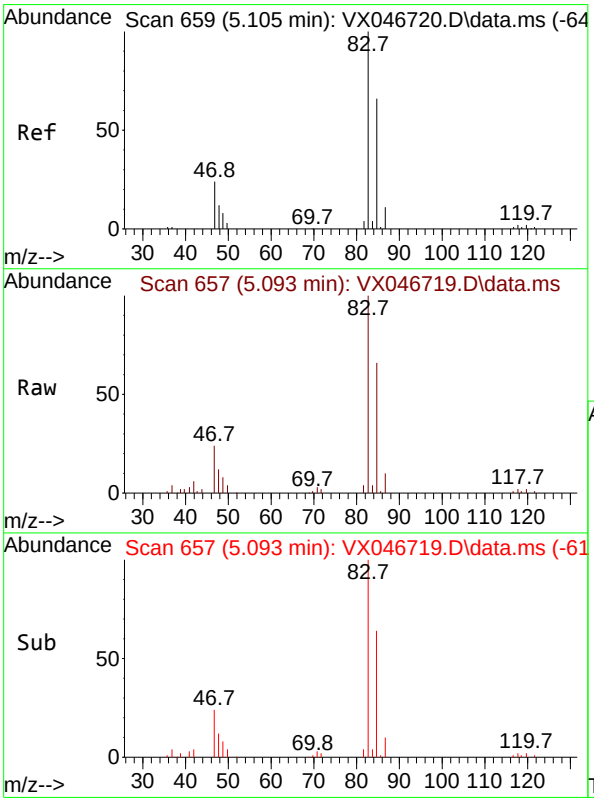
#29
Tetrahydrofuran
Concen: 99.990 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 56765

Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.9	52.3
71	40.8	32.2	48.2

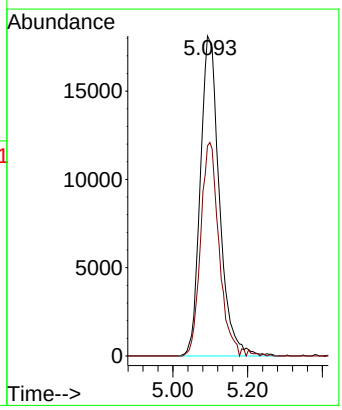


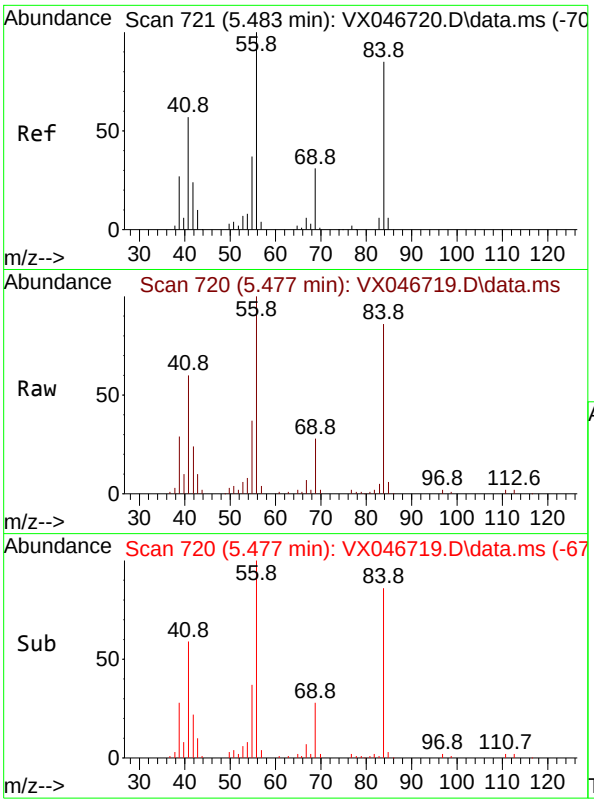


#30
Chloroform
Concen: 21.785 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.012 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 83 Resp: 64109

Ion	Ratio	Lower	Upper
83	100		
85	67.0	53.7	80.5



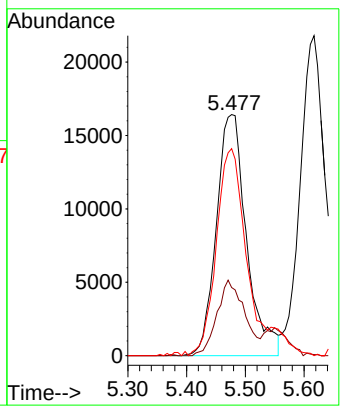


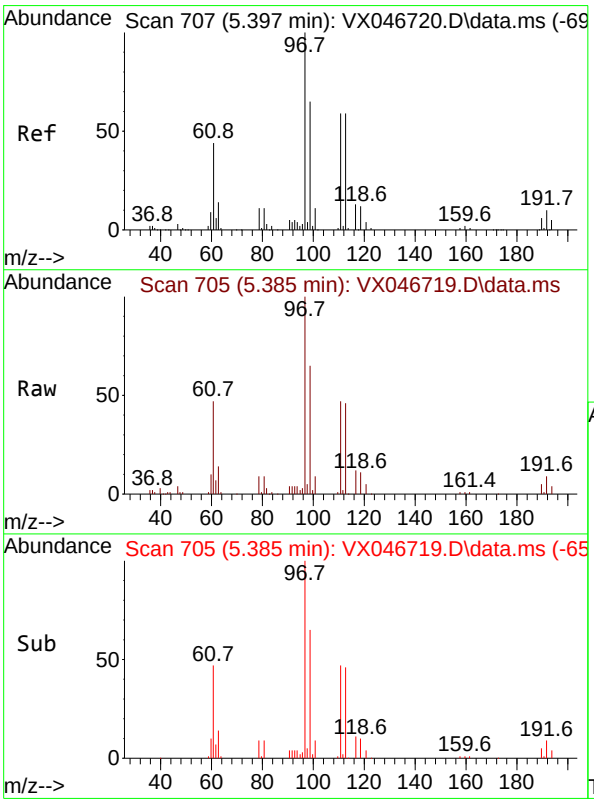
#31
Cyclohexane
Concen: 20.982 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 58552

Ion	Ratio	Lower	Upper
56	100		
69	28.3	24.8	37.2
84	84.5	68.2	102.2

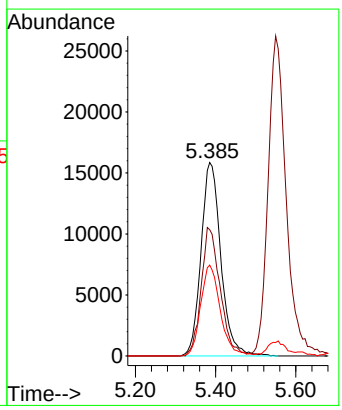


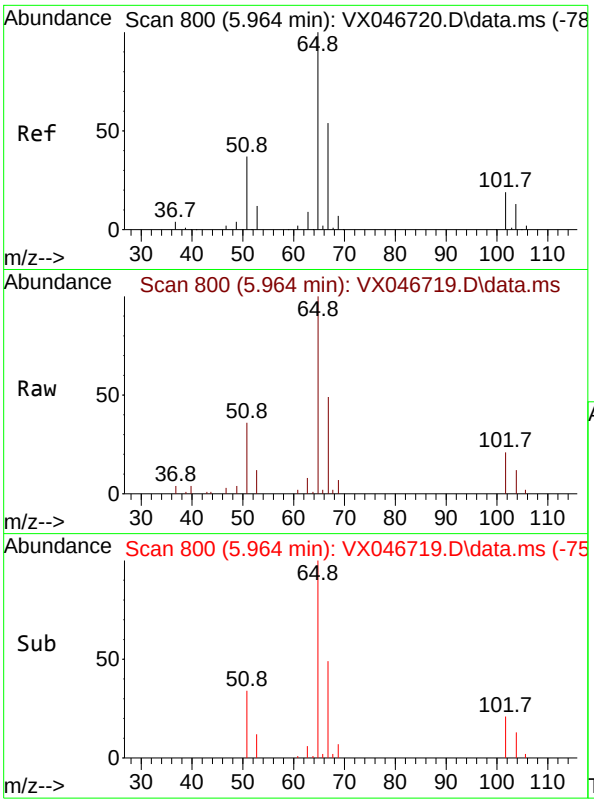


#32
1,1,1-Trichloroethane
Concen: 21.133 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 97 Resp: 54542

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.3	76.9
61	46.4	36.4	54.6



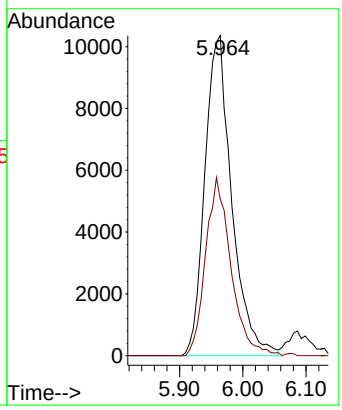


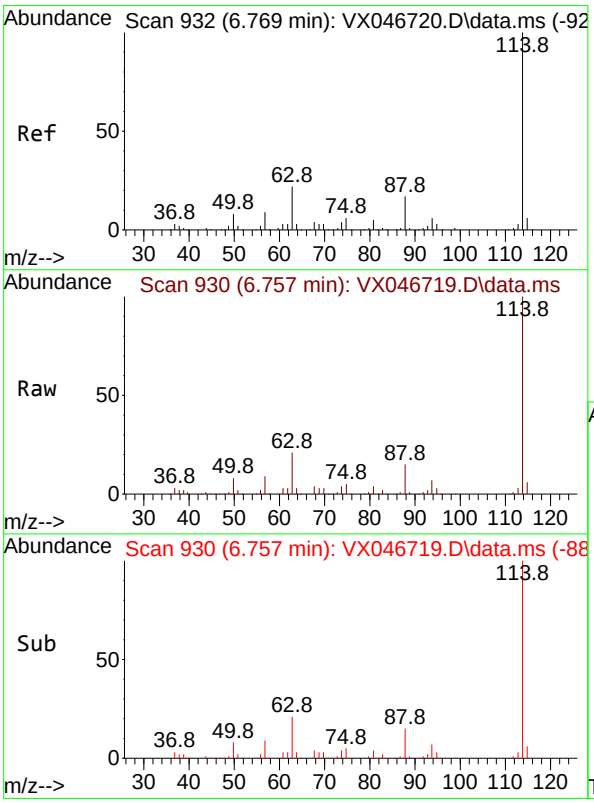
#33
1,2-Dichloroethane-d4
Concen: 16.410 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 30582

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.4

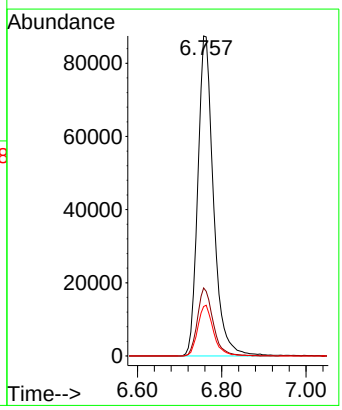


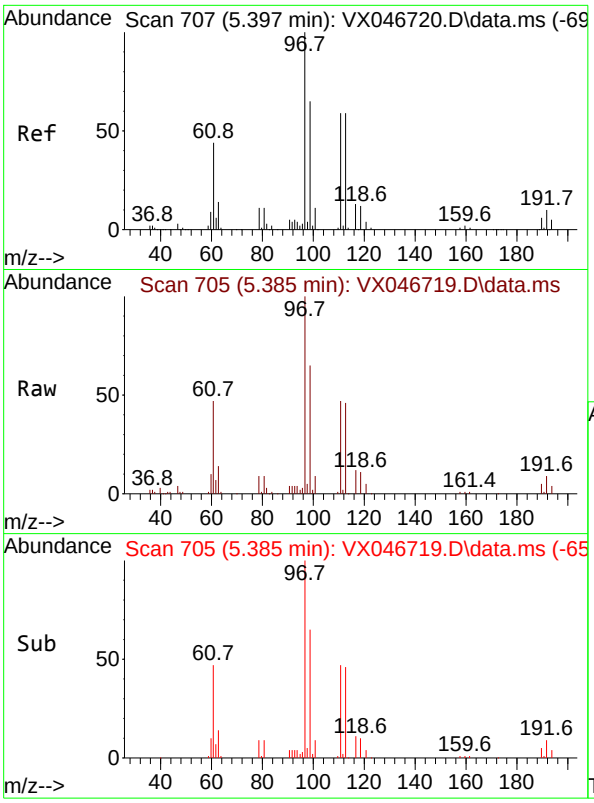


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.012 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:114 Resp: 226567

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.2
88	15.5	0.0	33.2



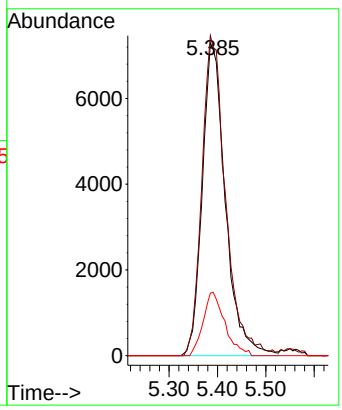


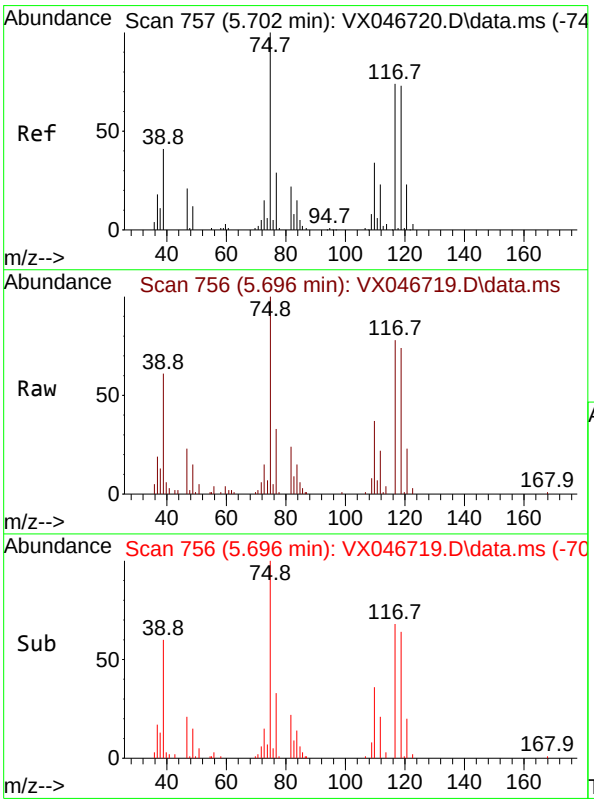
#35
Dibromofluoromethane
Concen: 16.114 ug/l
RT: 5.385 min Scan# 7(
Delta R.T. -0.012 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 24156

Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.0	123.0
192	19.1	15.3	22.9

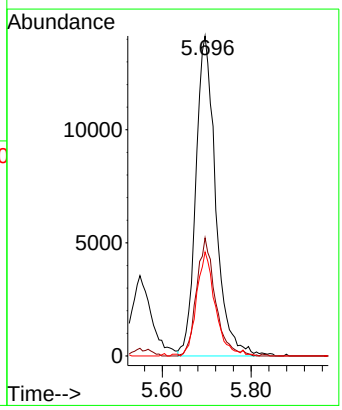


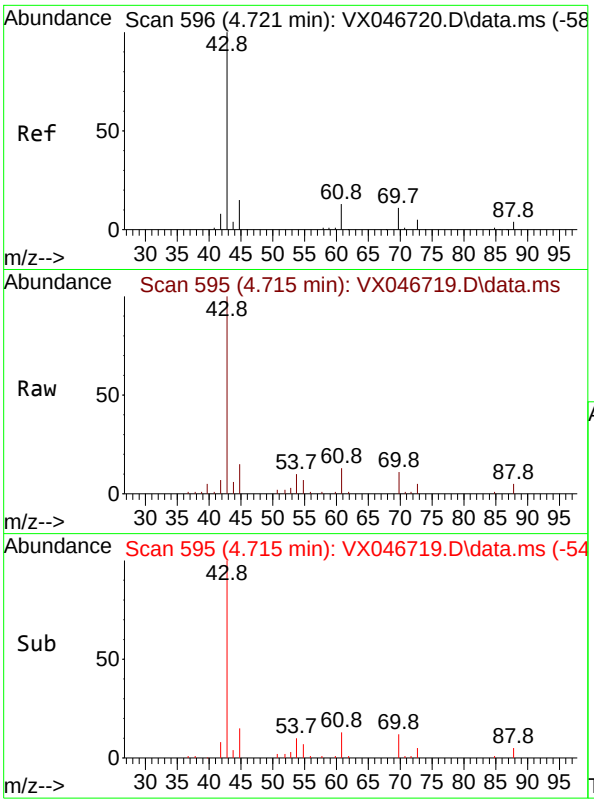


#36
1,1-Dichloropropene
Concen: 20.344 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 75 Resp: 44023

Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.2	51.5
77	30.6	24.2	36.4



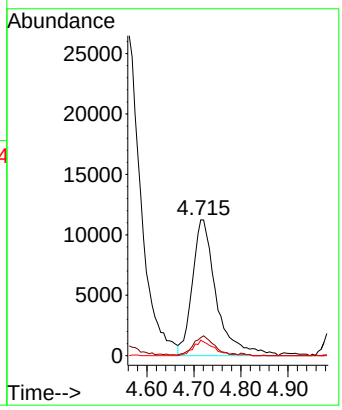


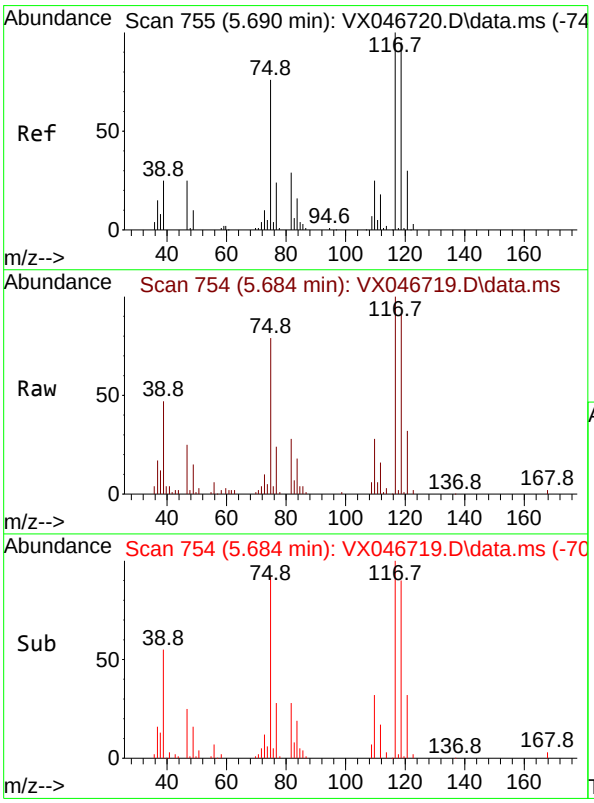
#37
Ethyl Acetate
Concen: 19.984 ug/l
RT: 4.715 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 39916

Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.7	14.5
70	9.7	8.1	12.1

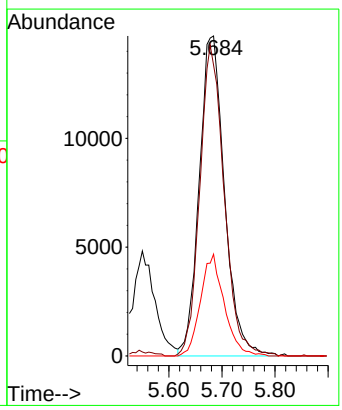


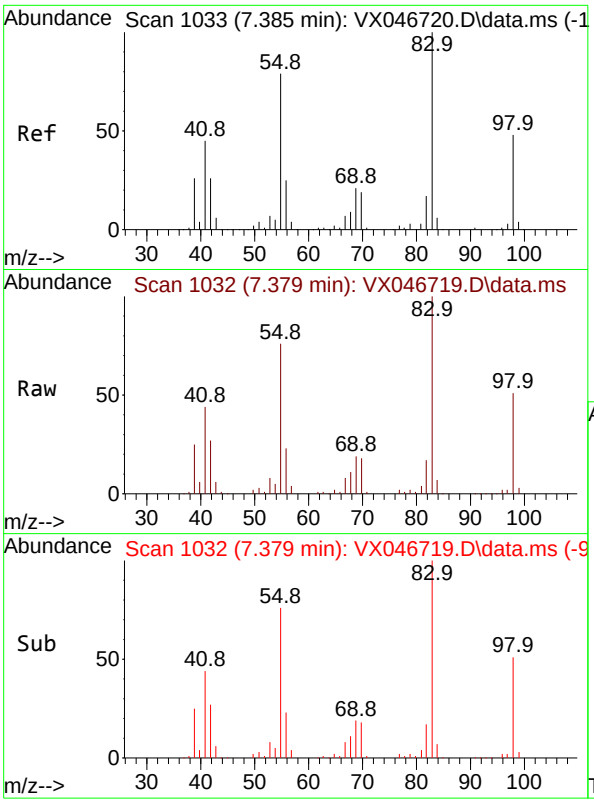


#38
Carbon Tetrachloride
Concen: 20.735 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:117 Resp: 48694

Ion	Ratio	Lower	Upper
117	100		
119	90.9	75.2	112.8
121	31.8	24.1	36.1



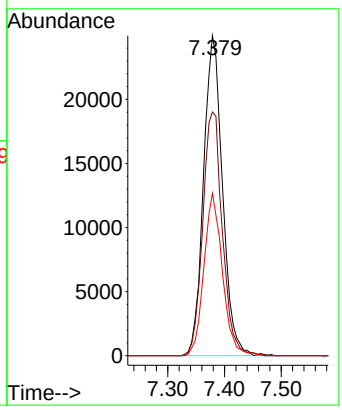


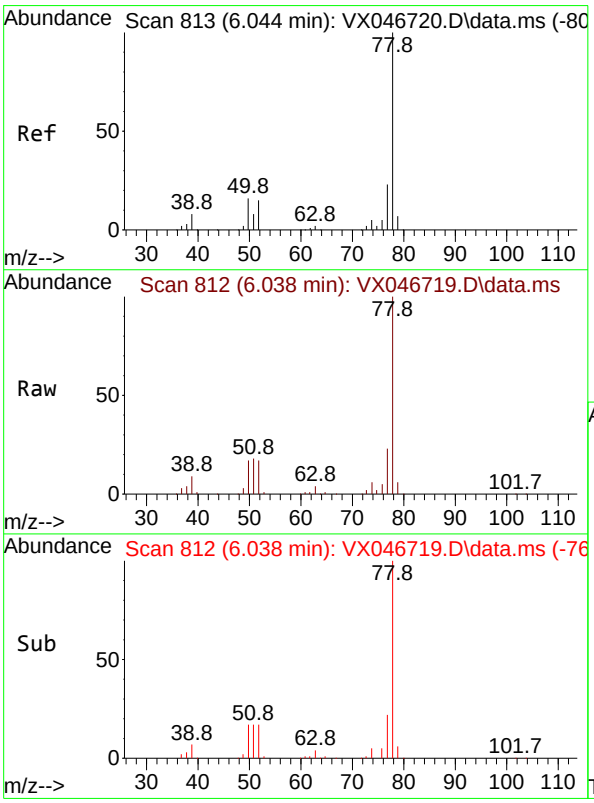
#39
Methylcyclohexane
Concen: 20.428 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 58170

Ion	Ratio	Lower	Upper
83	100		
55	76.1	63.0	94.4
98	50.7	38.8	58.2

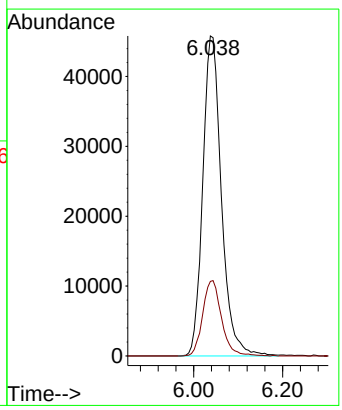


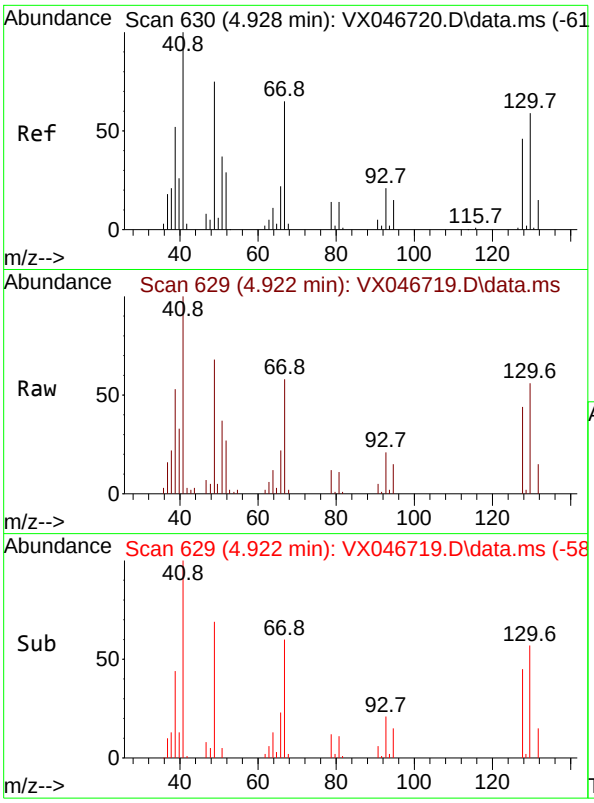


#40
Benzene
Concen: 20.904 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 78 Resp: 133872

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2



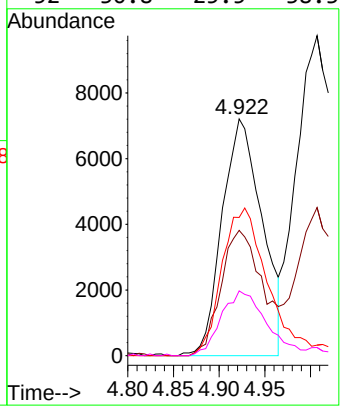


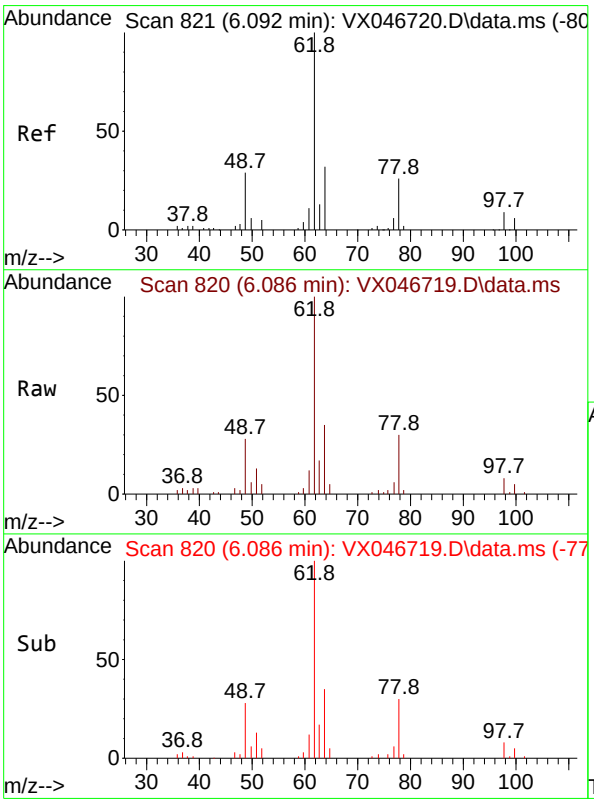
#41
Methacrylonitrile
Concen: 20.632 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 21970

Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.9	68.9
67	73.2	61.2	91.8
52	30.8	25.5	38.3

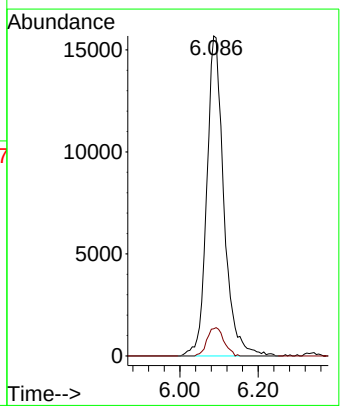


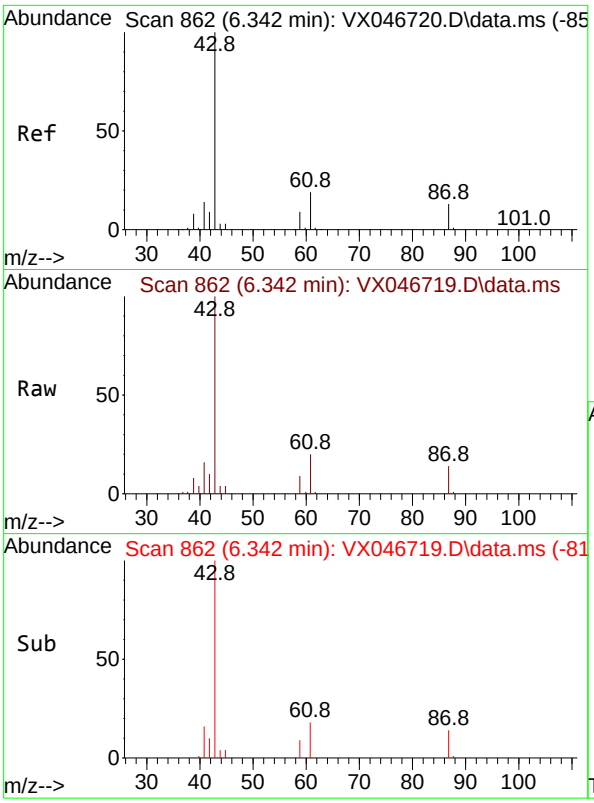


#42
1,2-Dichloroethane
Concen: 21.076 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 62 Resp: 47430

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



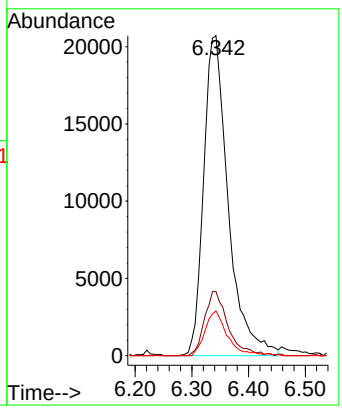


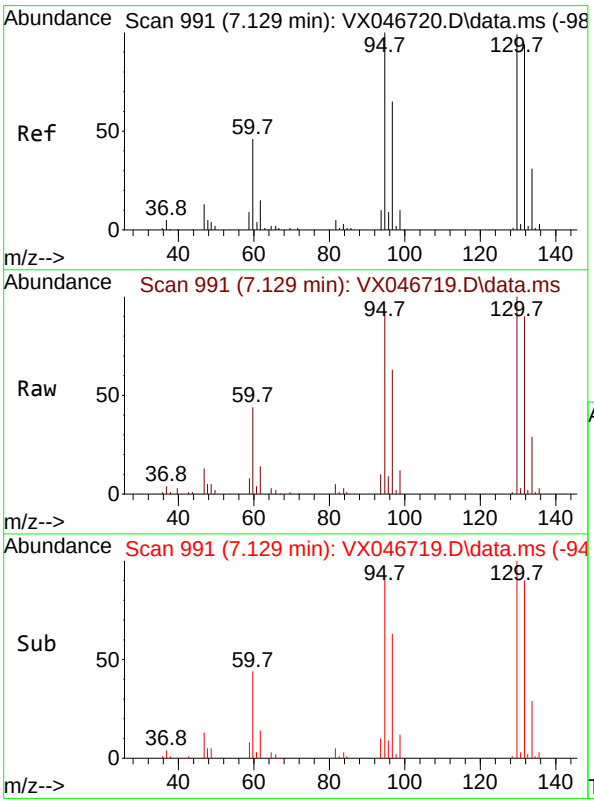
#43
Isopropyl Acetate
Concen: 19.975 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 62432

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.3	22.9
87	12.5	10.0	15.0

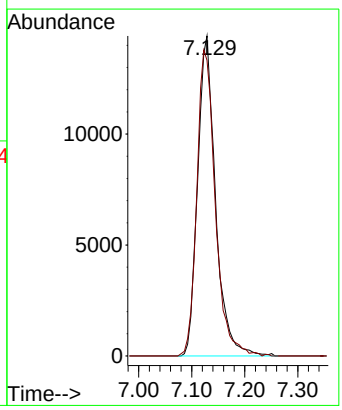


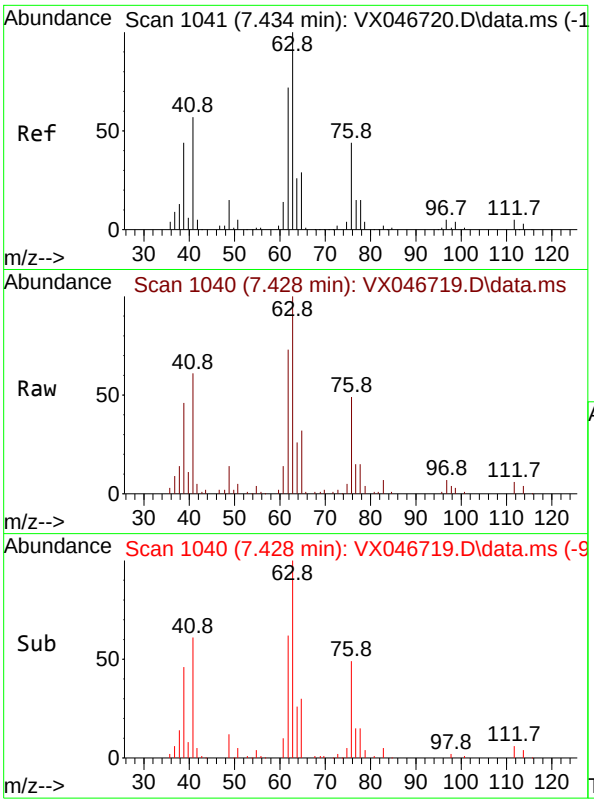


#44
Trichloroethene
Concen: 20.788 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:130 Resp: 33927

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	202.6



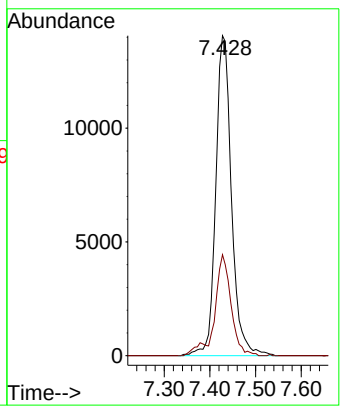


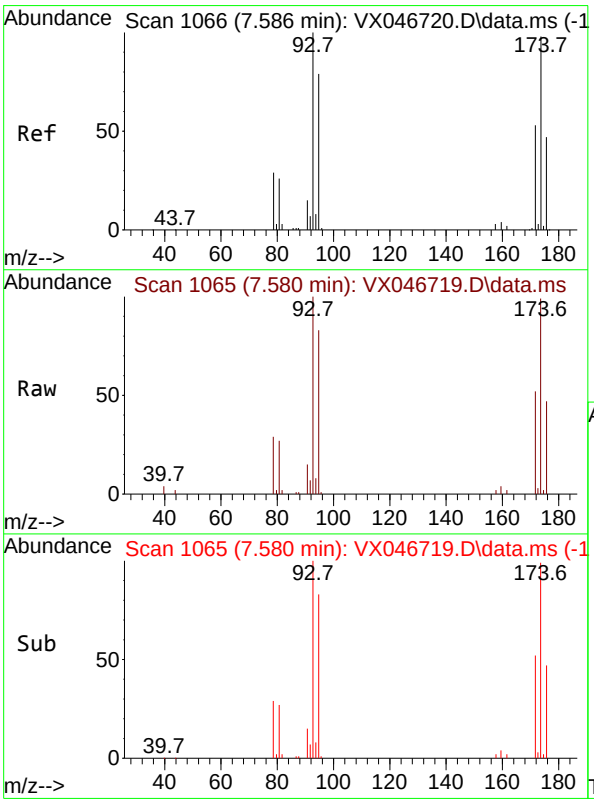
#45
1,2-Dichloropropane
Concen: 21.226 ug/l
RT: 7.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 33688

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.9	34.3

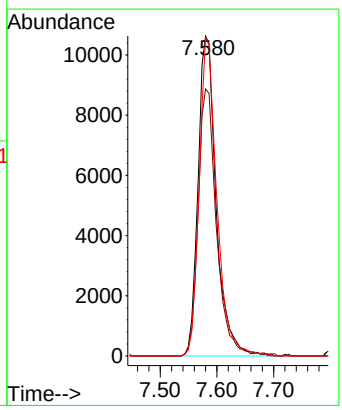


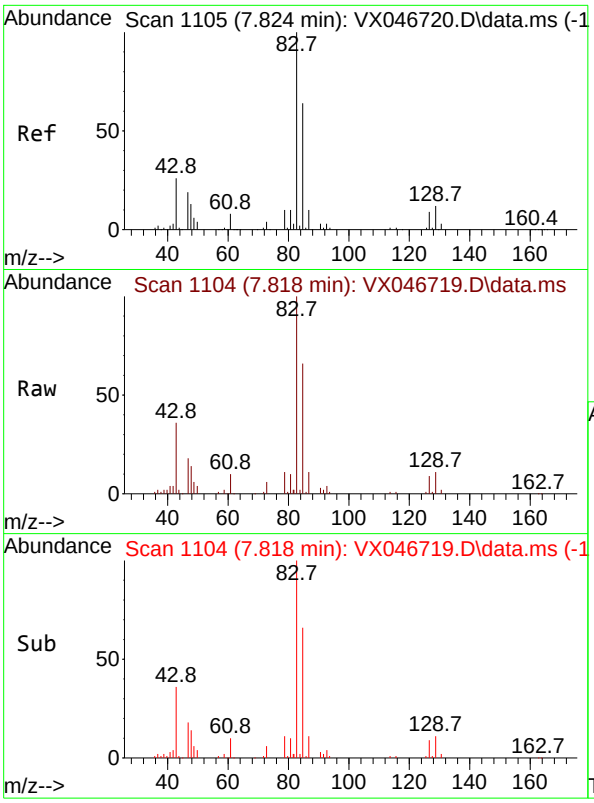


#46
Dibromomethane
Concen: 20.663 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 93 Resp: 23569

Ion	Ratio	Lower	Upper
93	100		
95	84.4	66.2	99.4
174	97.1	77.0	115.6



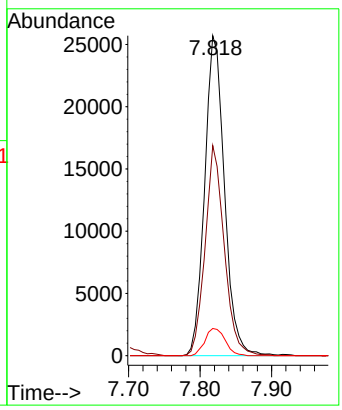


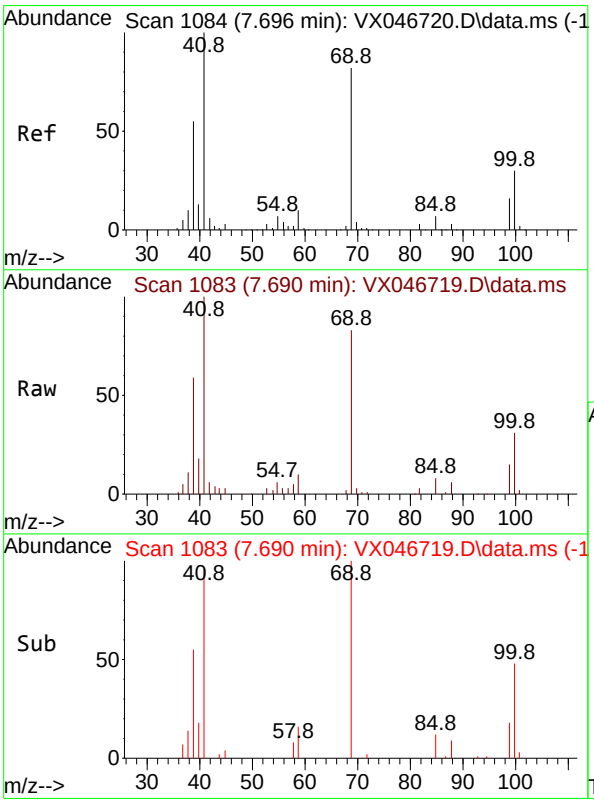
#47
Bromodichloromethane
Concen: 21.227 ug/l
RT: 7.818 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 49411

Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.4	77.2
127	8.5	6.9	10.3

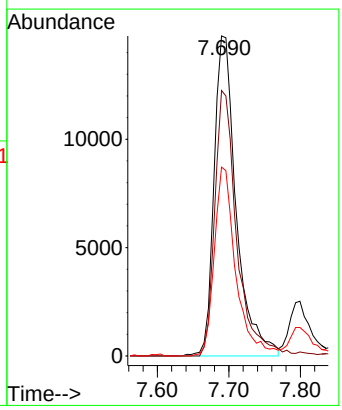


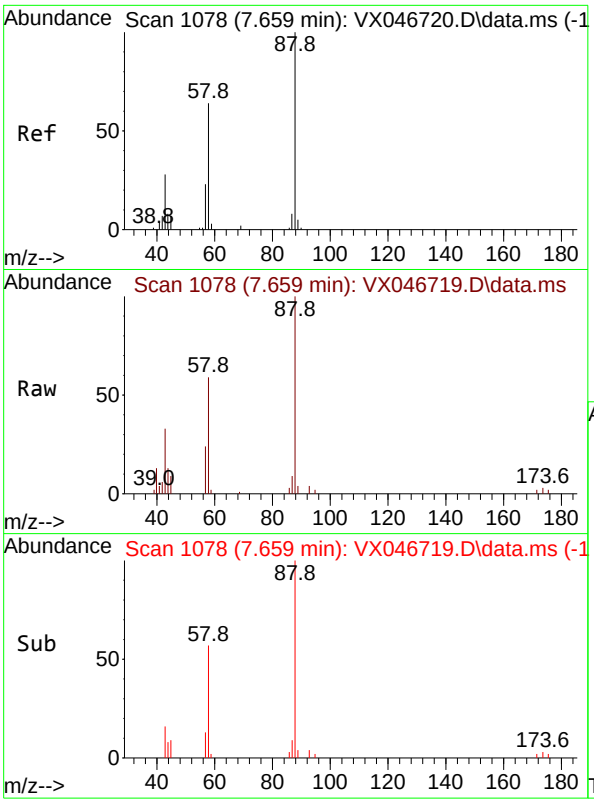


#48
Methyl methacrylate
Concen: 20.322 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 41 Resp: 31856

Ion	Ratio	Lower	Upper
41	100		
69	82.0	63.4	95.2
39	57.2	45.4	68.0



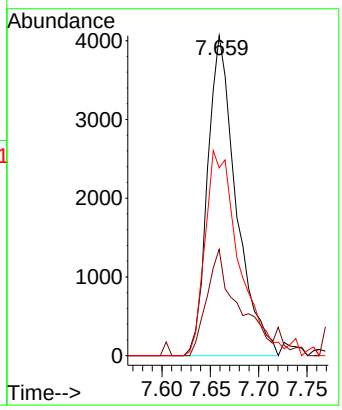


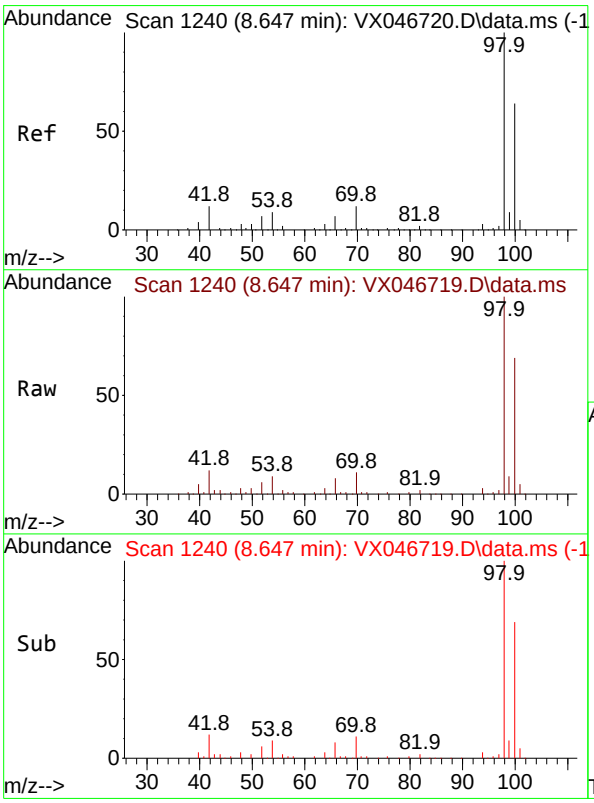
#49
1,4-Dioxane
Concen: 382.035 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 8340

Ion	Ratio	Lower	Upper
88	100		
43	37.1	31.2	46.8
58	75.7	54.7	82.1

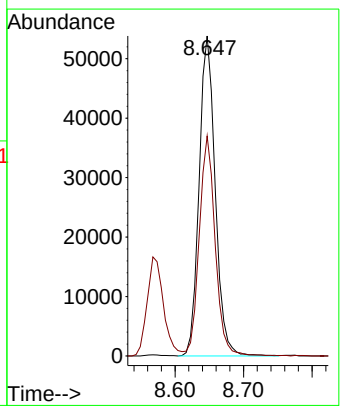


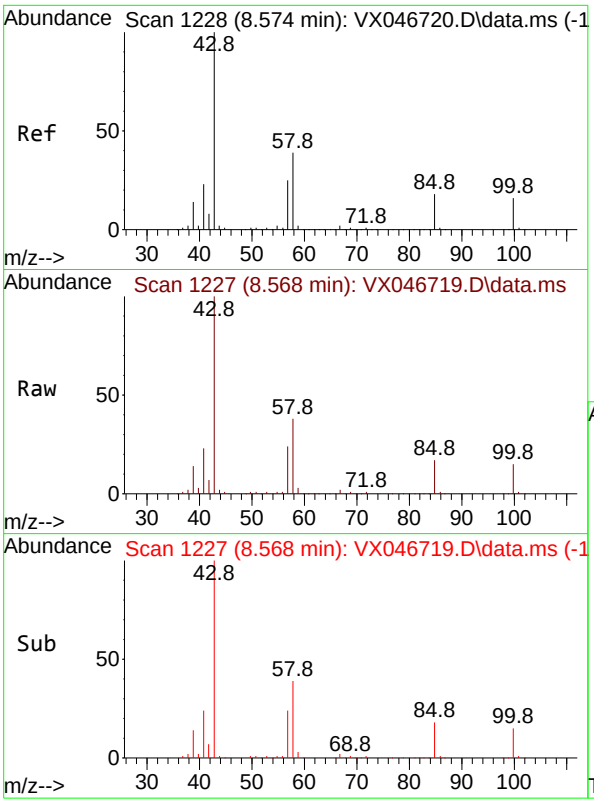


#50
Toluene-d8
Concen: 16.376 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 98 Resp: 88197

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.0	79.4



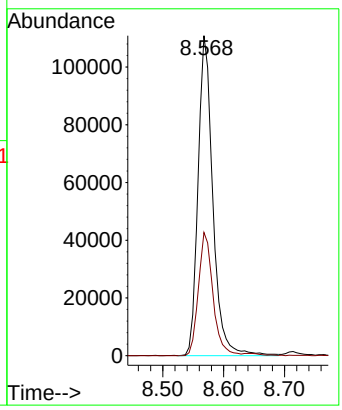


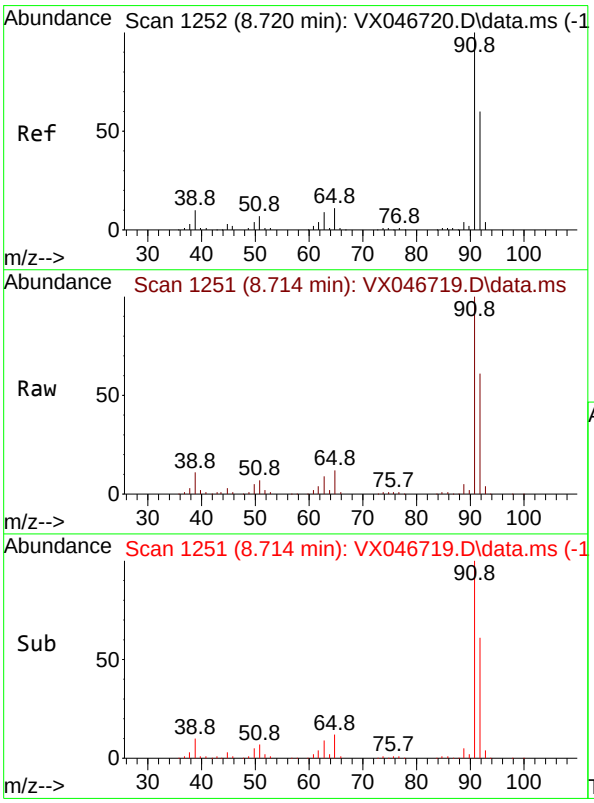
#51
4-Methyl-2-Pentanone
Concen: 100.586 ug/l
RT: 8.568 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 187509

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.8	46.2

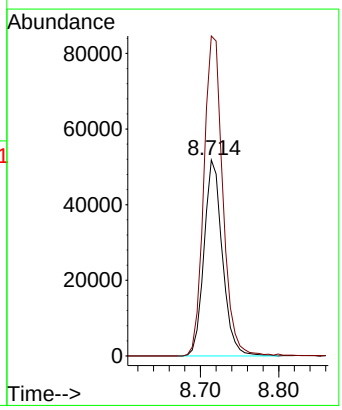


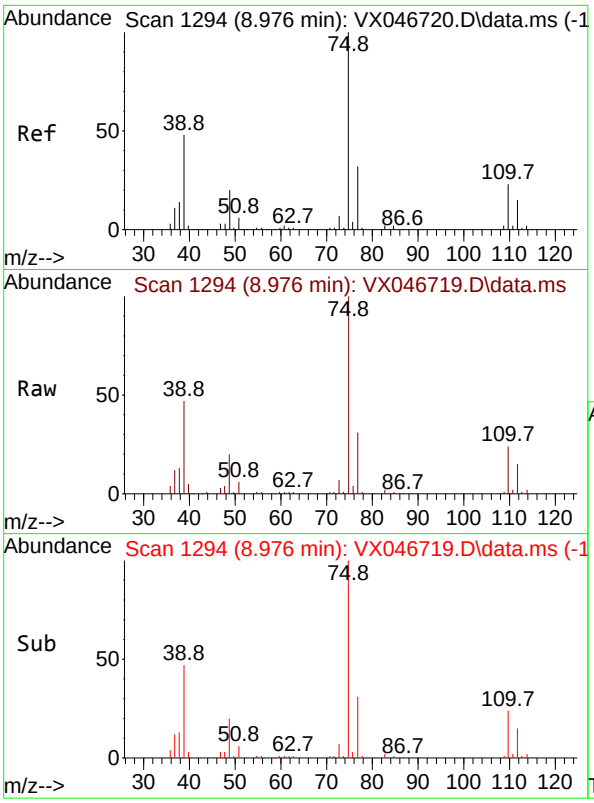


#52
Toluene
Concen: 21.166 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 92 Resp: 84030

Ion	Ratio	Lower	Upper
92	100		
91	169.0	134.8	202.2



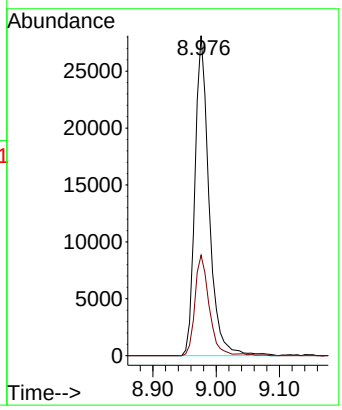


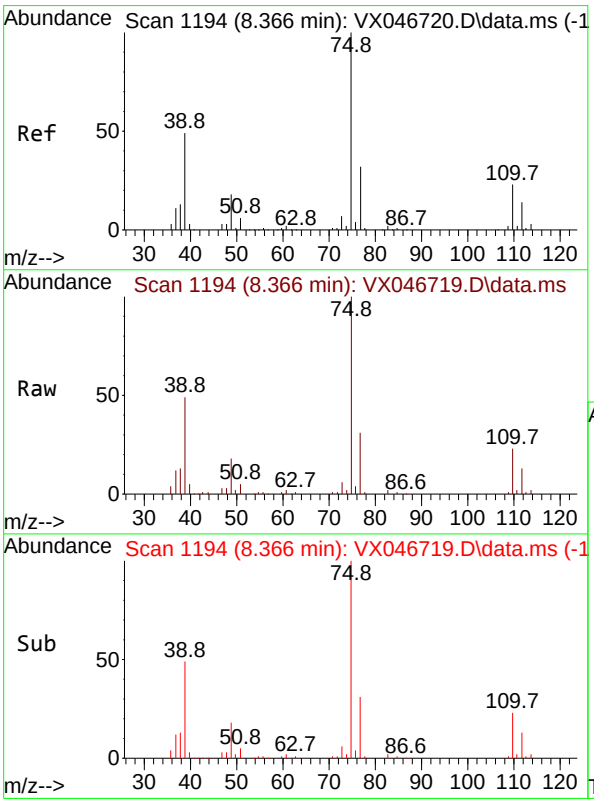
#53
t-1,3-Dichloropropene
Concen: 20.304 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 43852

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.6	38.4

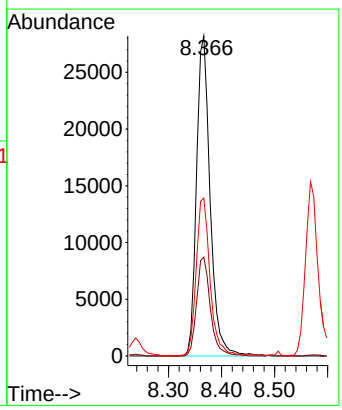


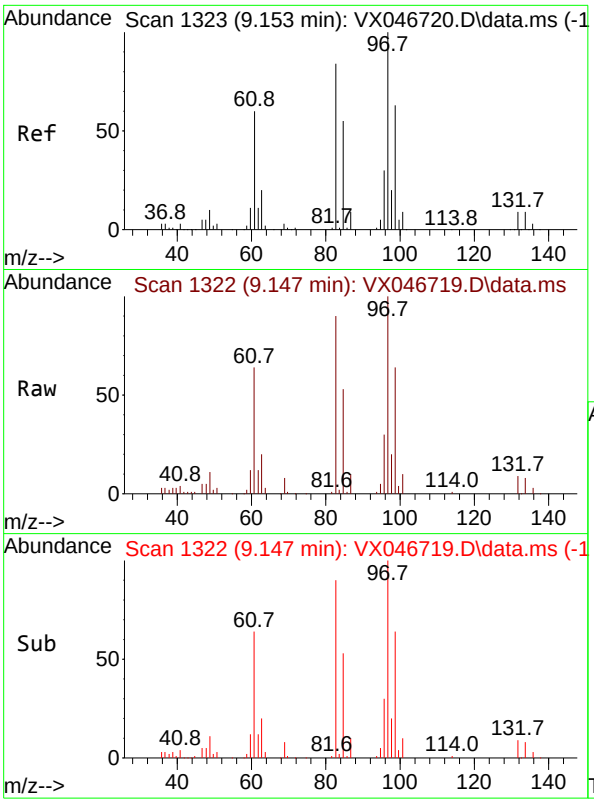


#54
cis-1,3-Dichloropropene
Concen: 20.526 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 75 Resp: 50326

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.3	37.9
39	47.9	39.2	58.8



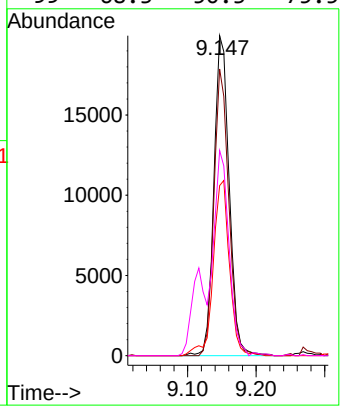


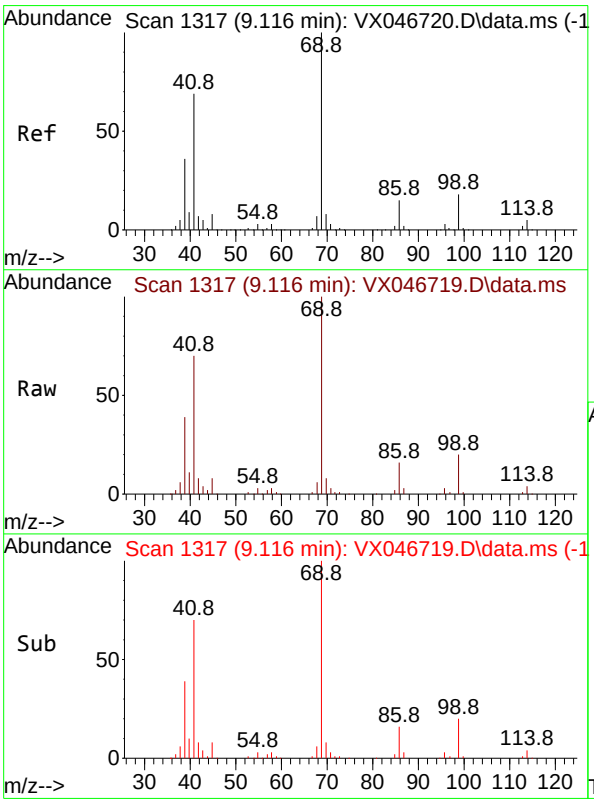
#55
1,1,2-Trichloroethane
Concen: 20.862 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 30865

Ion	Ratio	Lower	Upper
97	100		
83	91.5	67.2	100.8
85	53.2	44.1	66.1
99	68.3	50.3	75.5

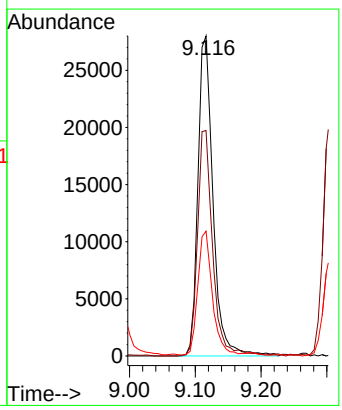


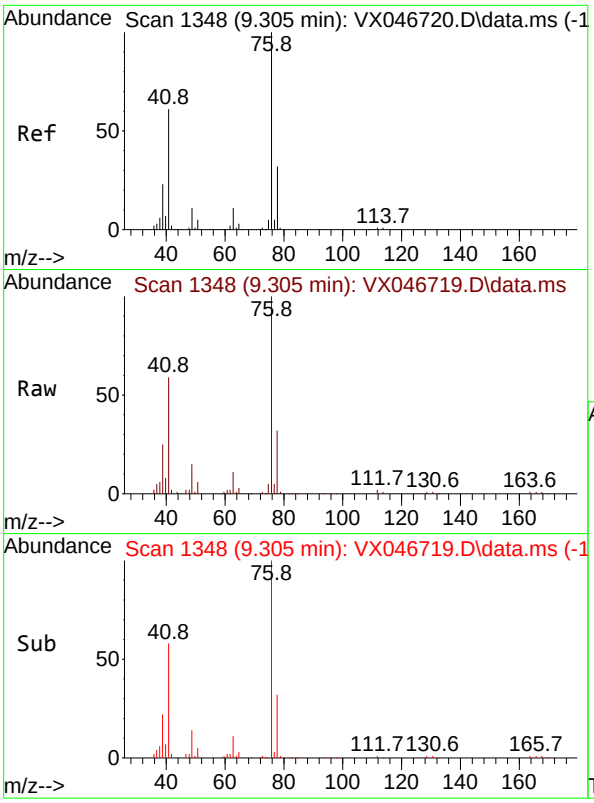


#56
Ethyl methacrylate
Concen: 20.468 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 69 Resp: 44702

Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.4	83.2
39	37.3	29.7	44.5



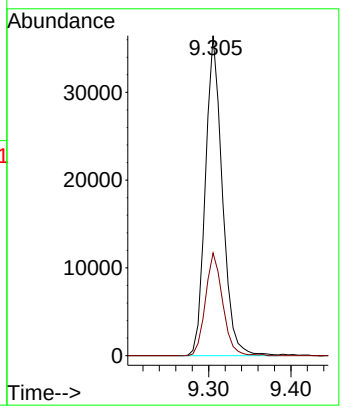


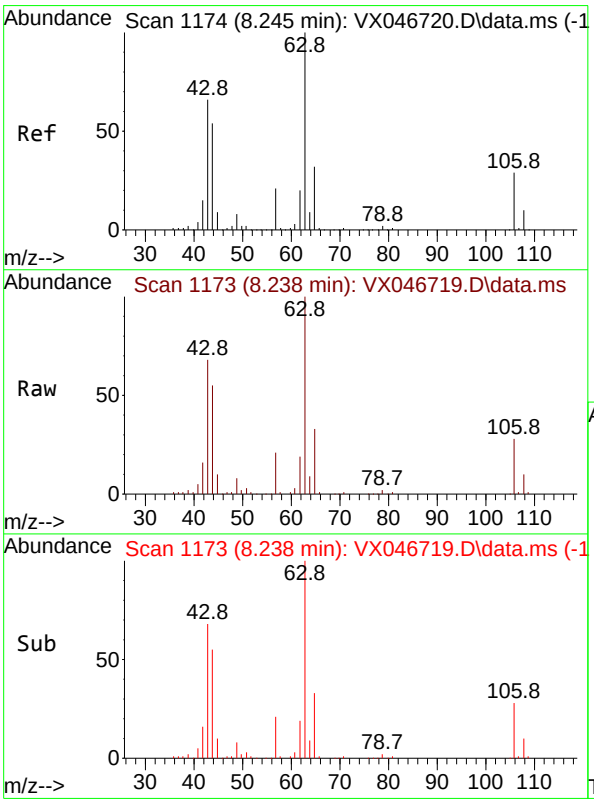
#57
1,3-Dichloropropane
Concen: 20.480 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 52181

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.7	38.5

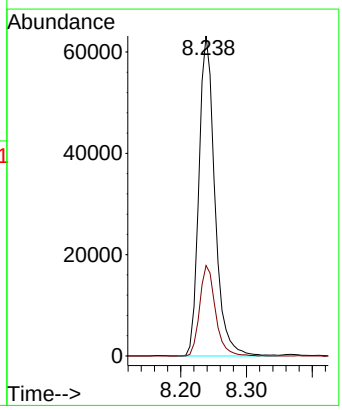


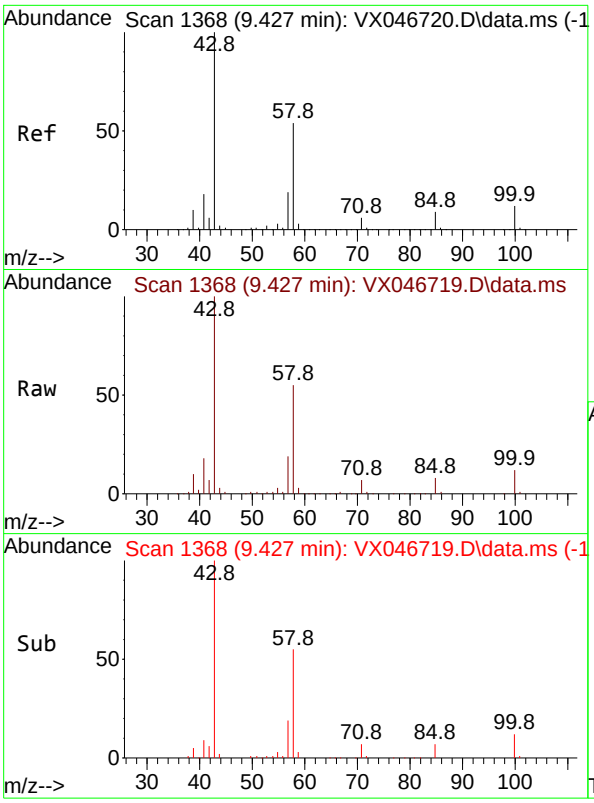


#58
2-Chloroethyl Vinyl ether
Concen: 93.878 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 63 Resp: 106505

Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.6	34.0



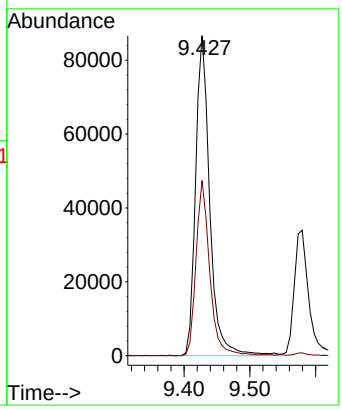


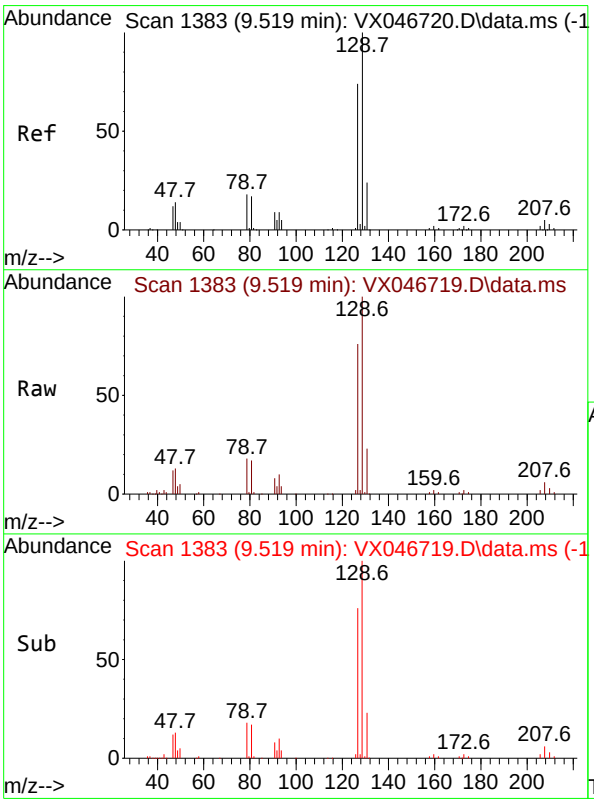
#59
2-Hexanone
Concen: 100.265 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 129218

Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.8	80.4

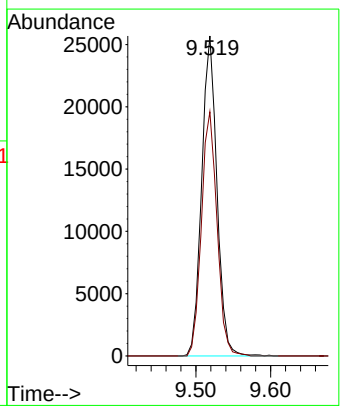


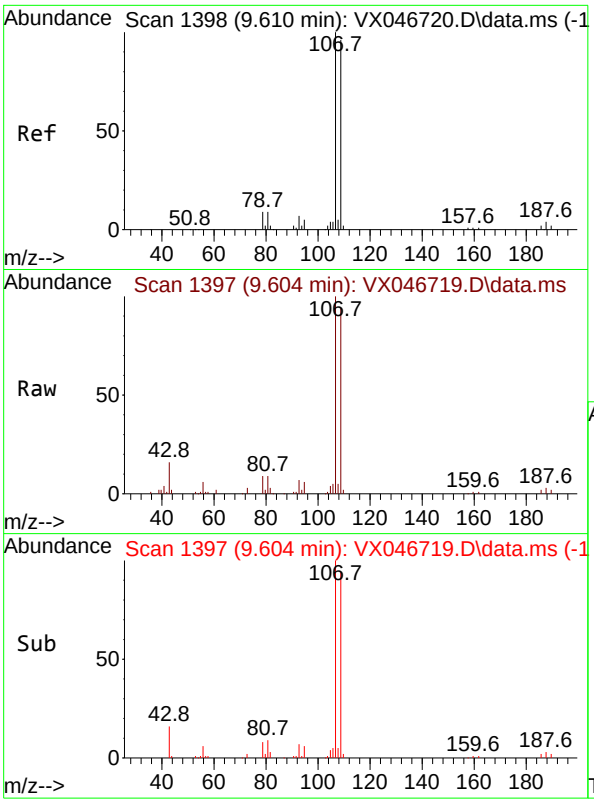


#60
Dibromochloromethane
Concen: 20.872 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:129 Resp: 36392

Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.4	115.2



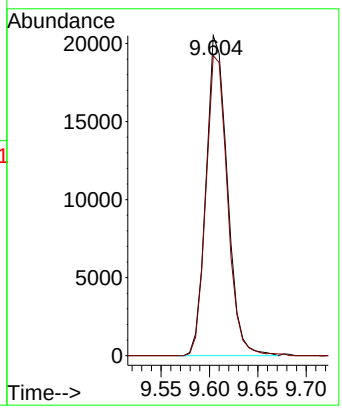


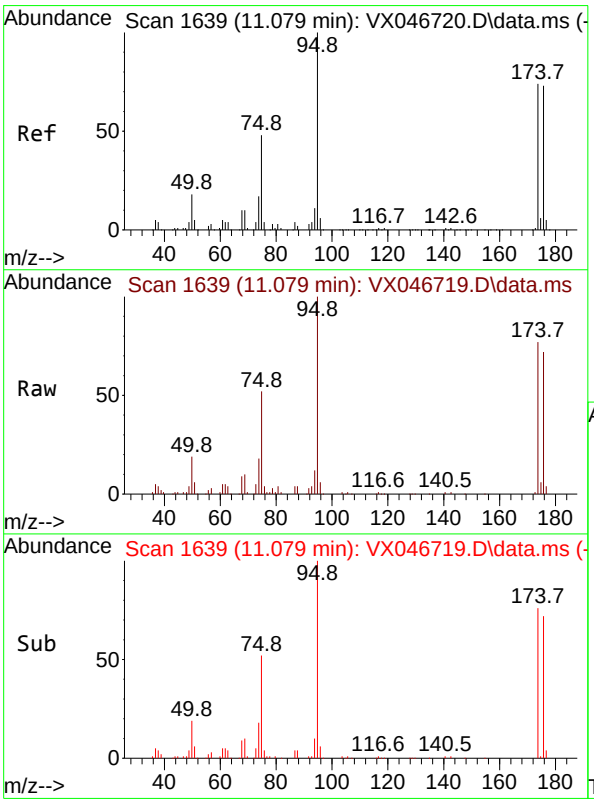
#61
1,2-Dibromoethane
Concen: 20.936 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 31507

Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.8	113.6

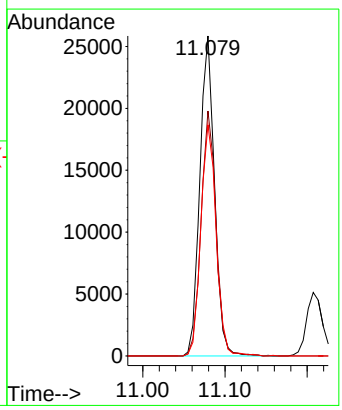


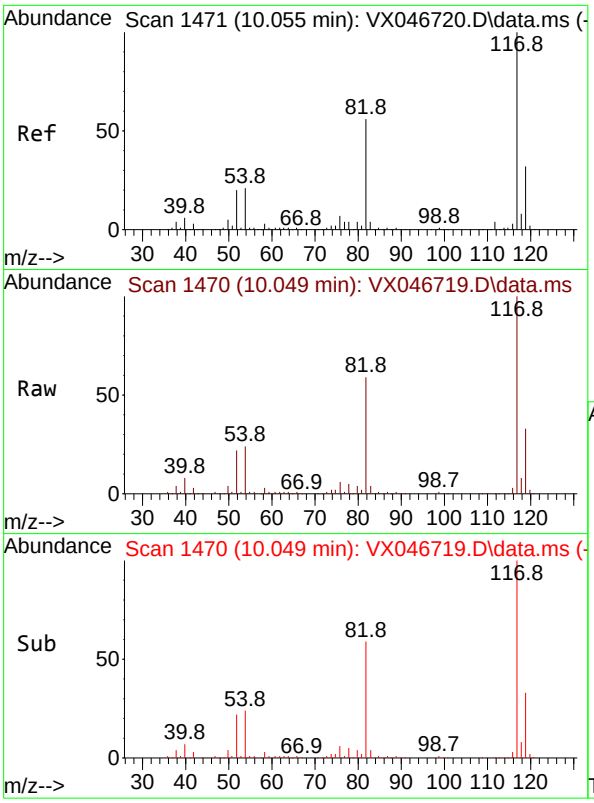


#62
4-Bromofluorobenzene
Concen: 15.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 95 Resp: 32067

Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	150.4
176	75.2	0.0	145.0



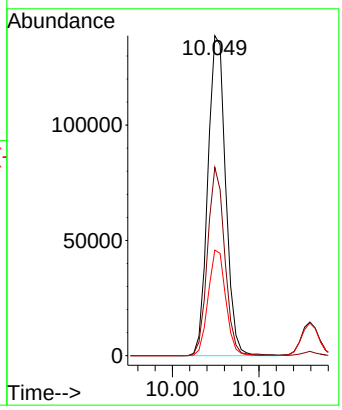


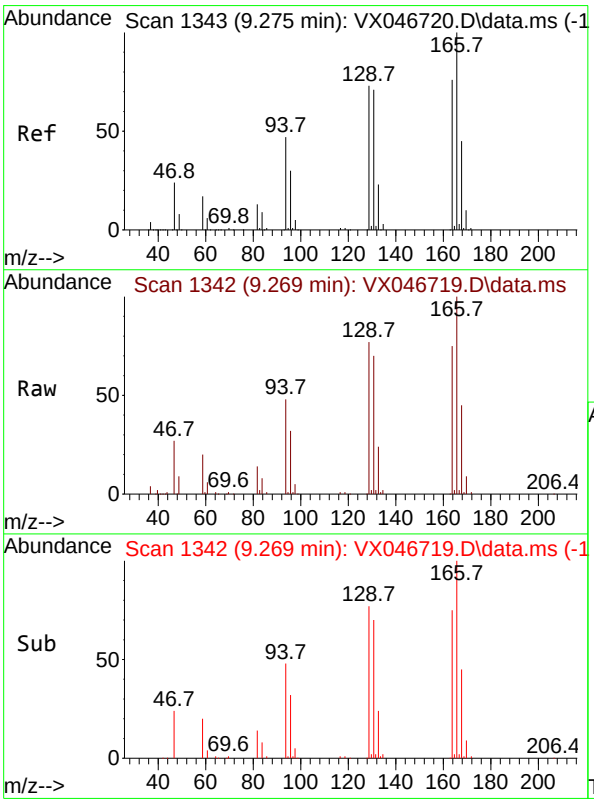
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 197947

Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.6	66.8
119	33.0	25.8	38.8

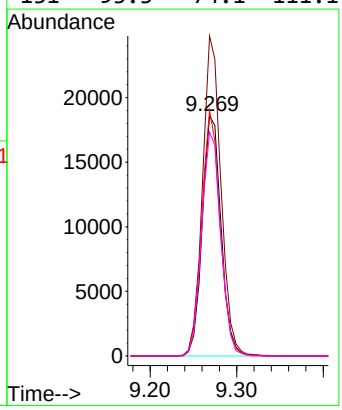


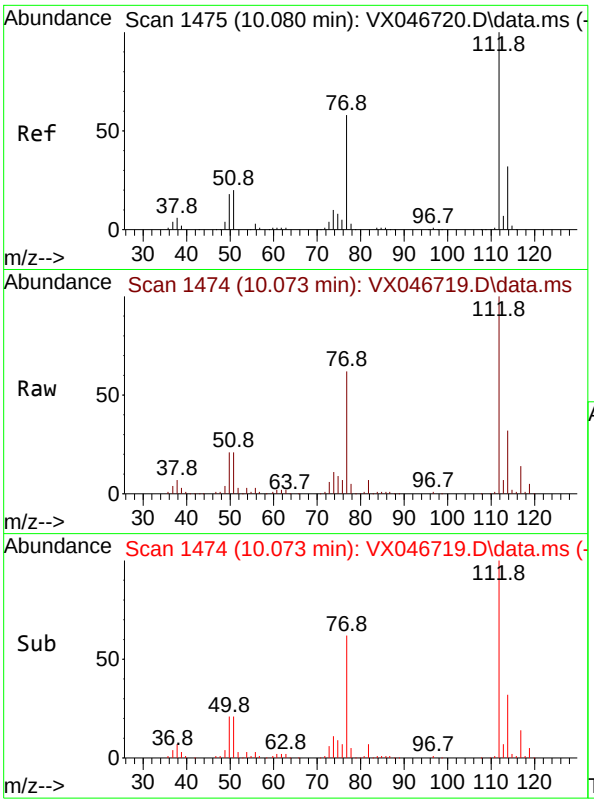


#64
Tetrachloroethene
Concen: 20.408 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:164 Resp: 27988

Ion	Ratio	Lower	Upper
164	100		
166	133.4	104.6	157.0
129	102.4	76.3	114.5
131	93.3	74.1	111.1



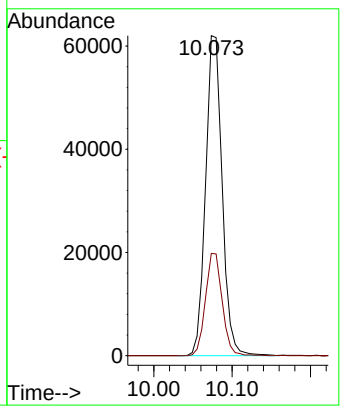


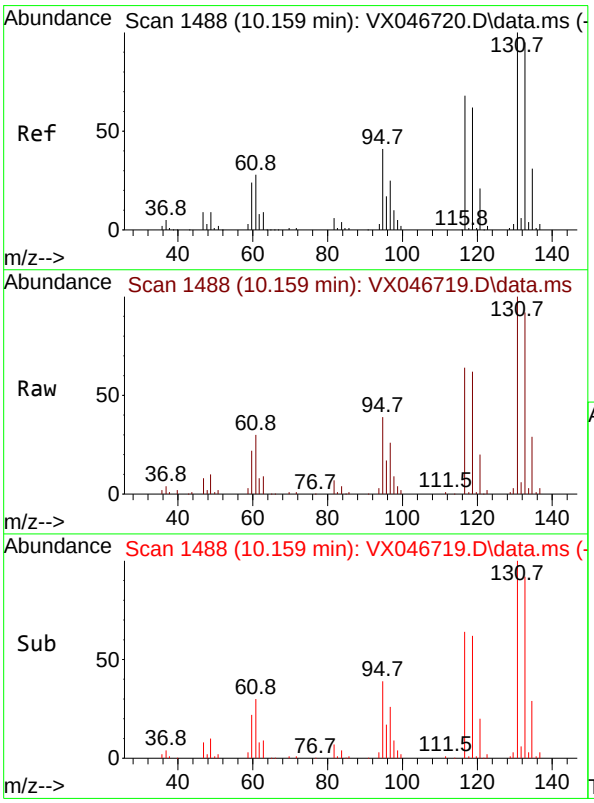
#65
Chlorobenzene
Concen: 20.796 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 90868

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3

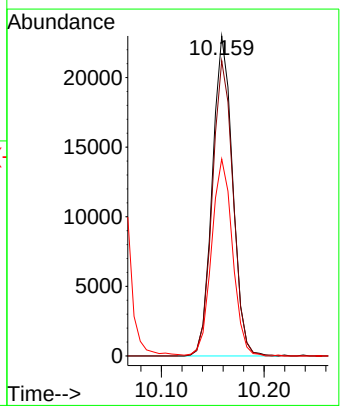


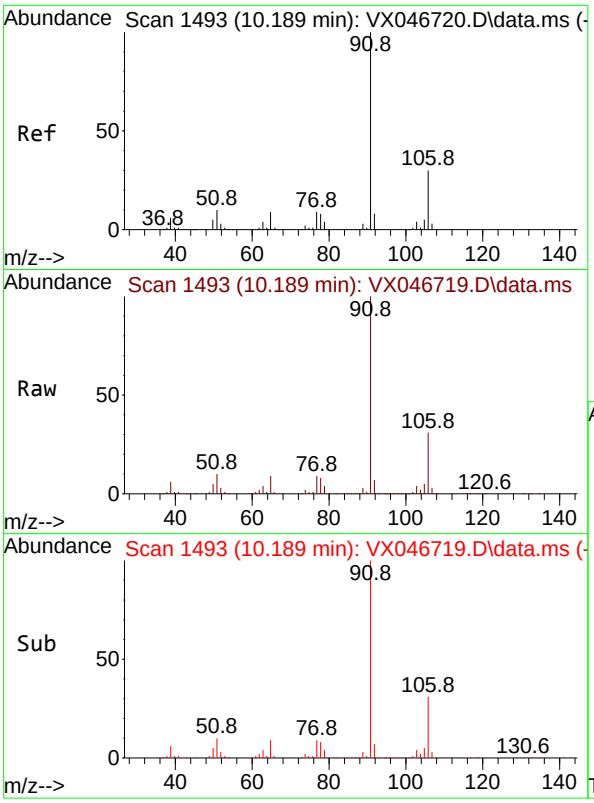


#66
1,1,1,2-Tetrachloroethane
Concen: 21.455 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:131 Resp: 31508

Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.3	141.8
119	63.4	32.1	96.3



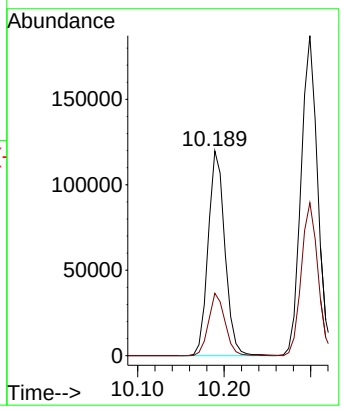


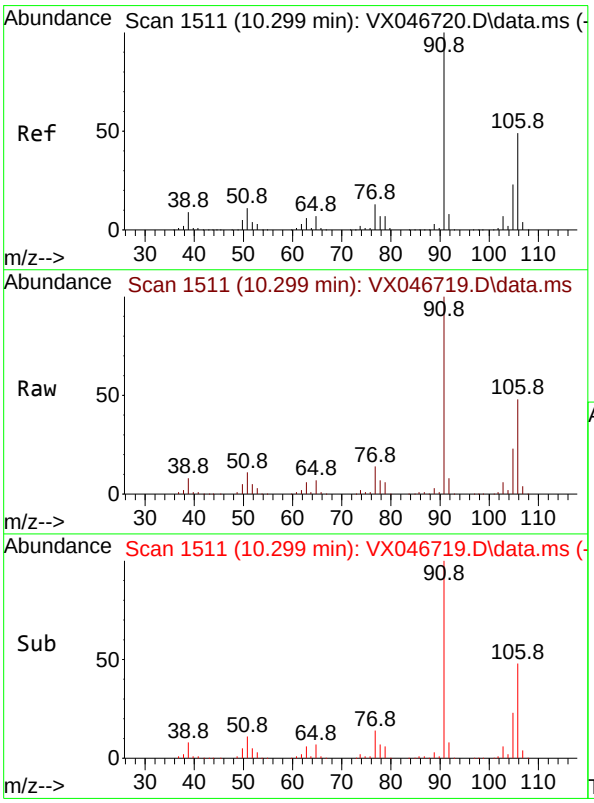
#67
Ethyl Benzene
Concen: 21.056 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 160761

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.2

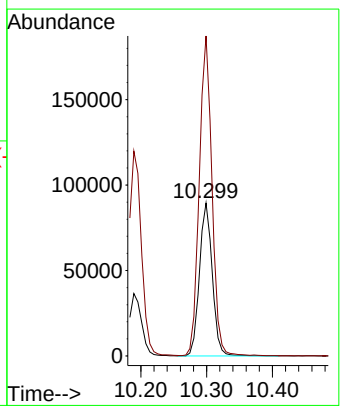


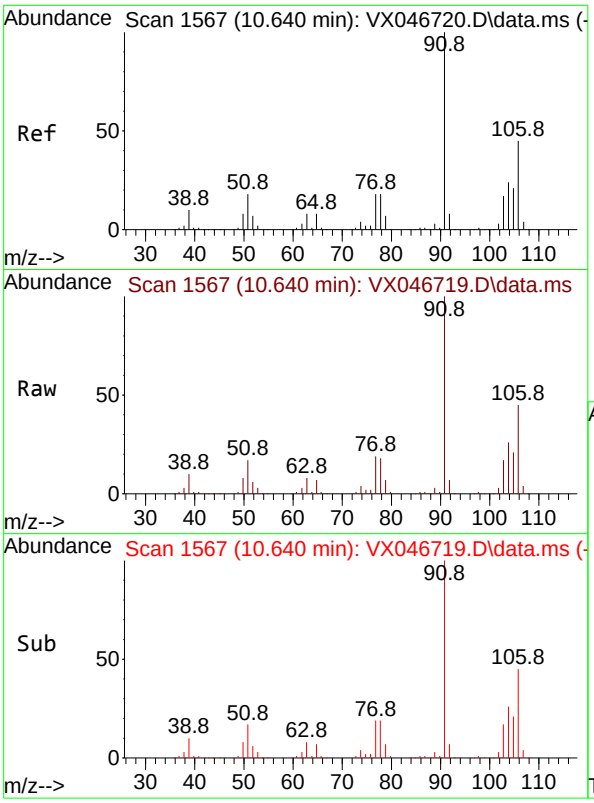


#68
m/p-Xylenes
Concen: 42.539 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:106 Resp: 121014

Ion	Ratio	Lower	Upper
106	100		
91	207.7	164.8	247.2



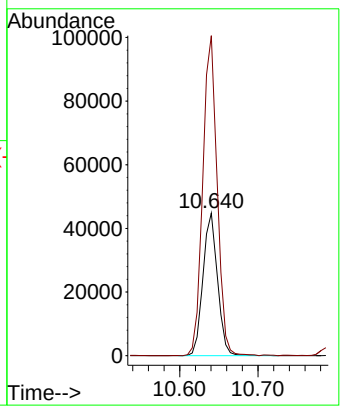


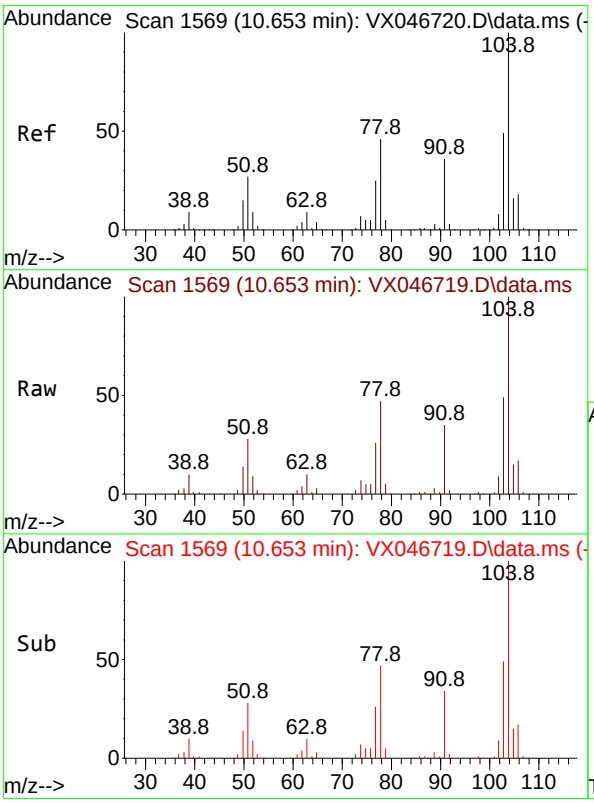
#69
o-Xylene
Concen: 21.638 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 57689

Ion	Ratio	Lower	Upper
106	100		
91	222.2	111.3	333.9

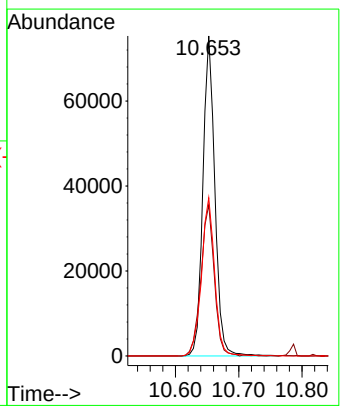


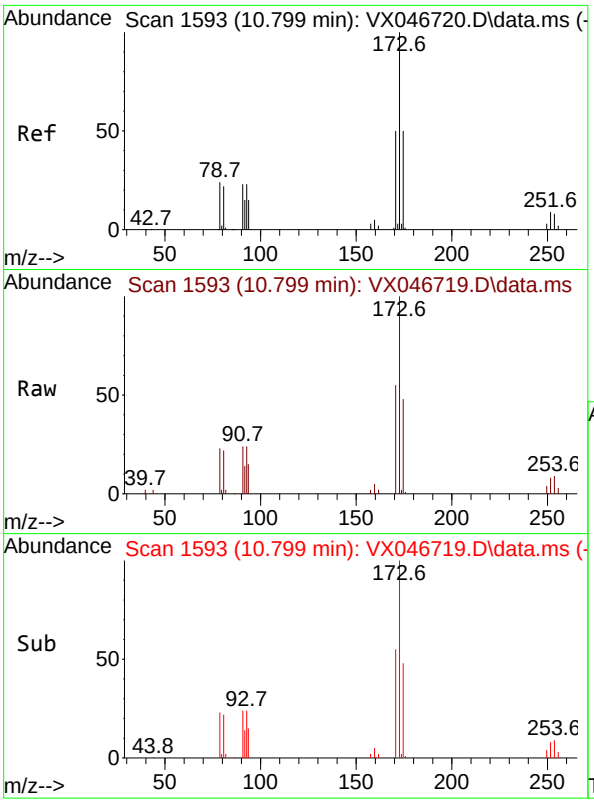


#70
Styrene
Concen: 21.318 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:104 Resp: 99462

Ion	Ratio	Lower	Upper
104	100		
78	52.6	41.4	62.2
103	54.4	43.1	64.7



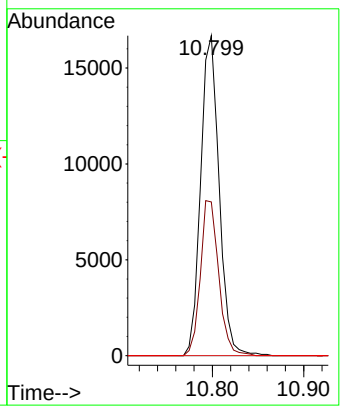


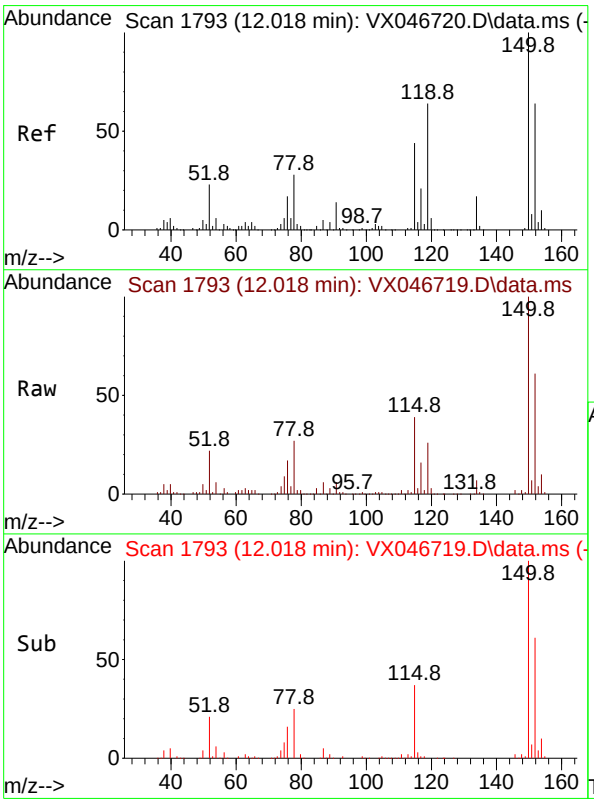
#71
Bromoform
Concen: 20.898 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 23372

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.4
254	0.0	0.1	0.1#

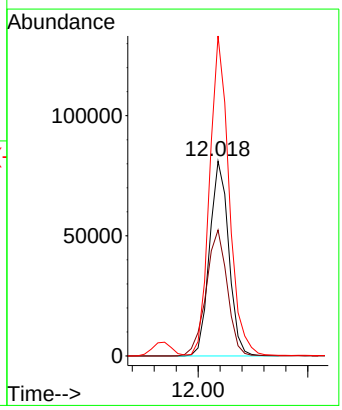


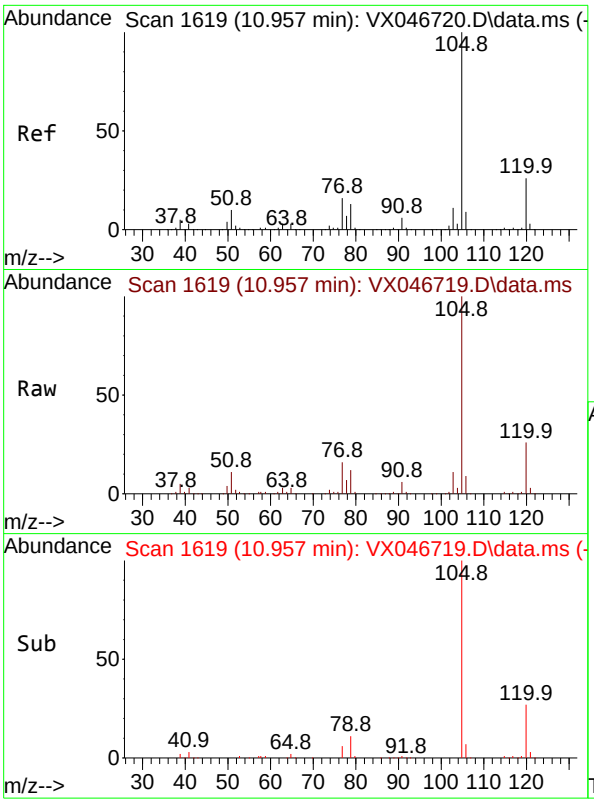


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:152 Resp: 98285

Ion	Ratio	Lower	Upper
152	100		
115	71.7	43.2	129.6
150	166.5	0.0	346.8



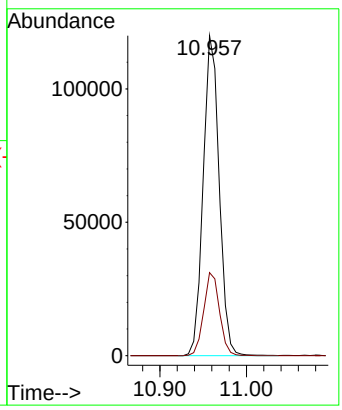


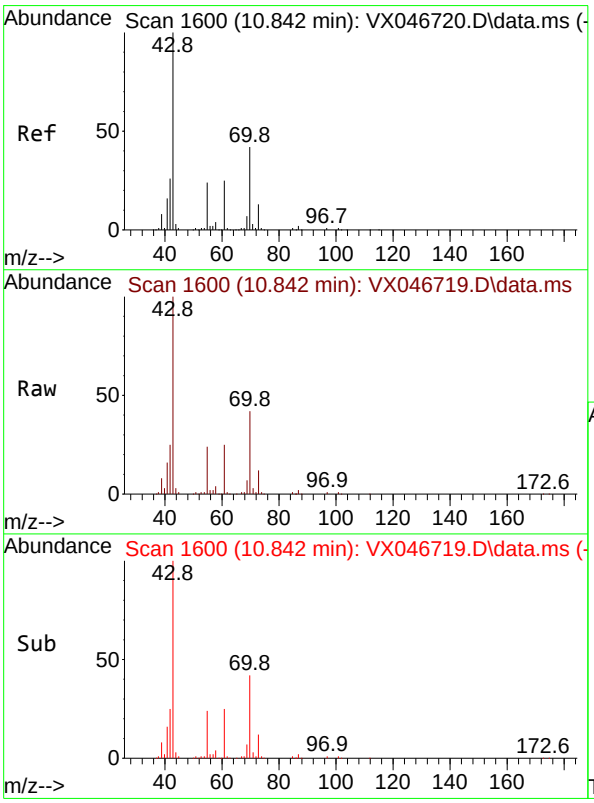
#73
Isopropylbenzene
Concen: 21.255 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 153861

Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.0	39.0

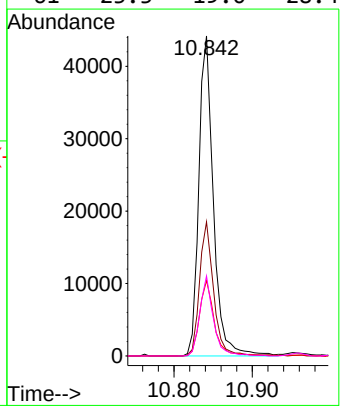


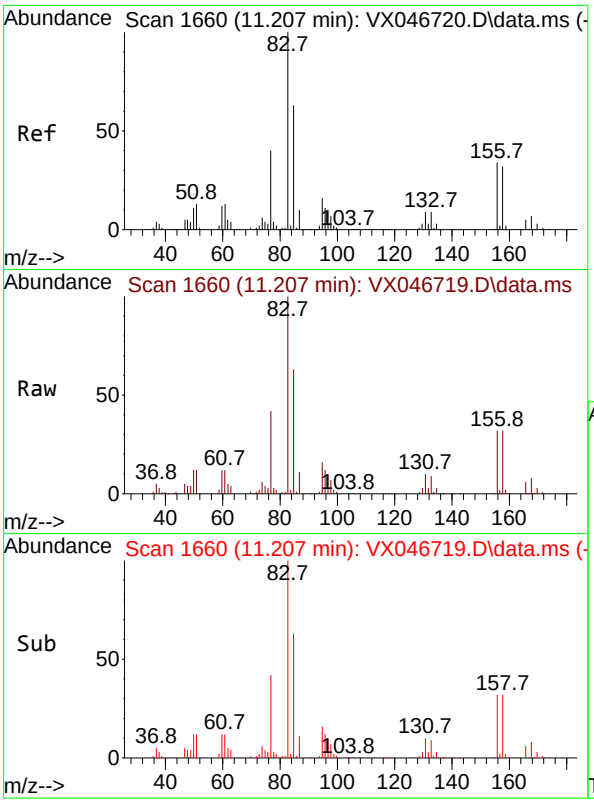


#74
N-amyl acetate
Concen: 20.851 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 57185

Ion	Ratio	Lower	Upper
43	100		
70	40.3	33.4	50.0
55	23.9	19.1	28.7
61	23.3	19.0	28.4



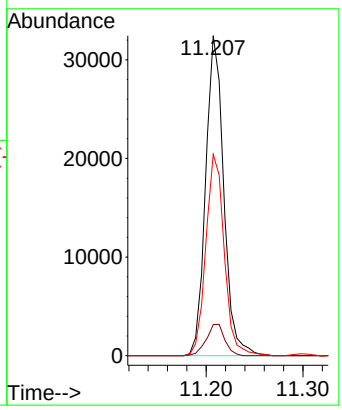


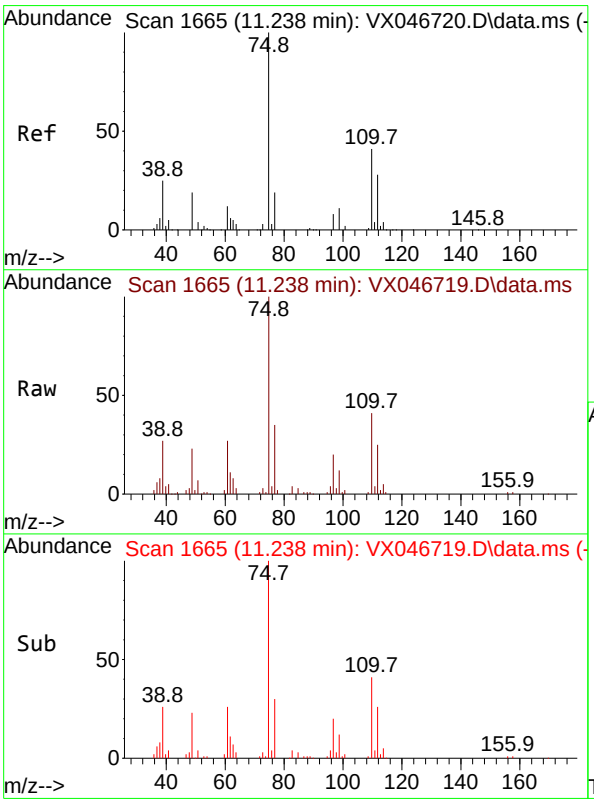
#75
1,1,2,2-Tetrachloroethane
Concen: 20.914 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 42272

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	64.0	32.0	96.0

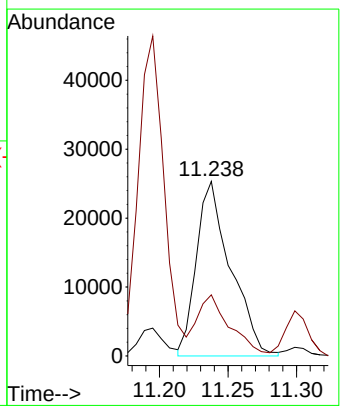


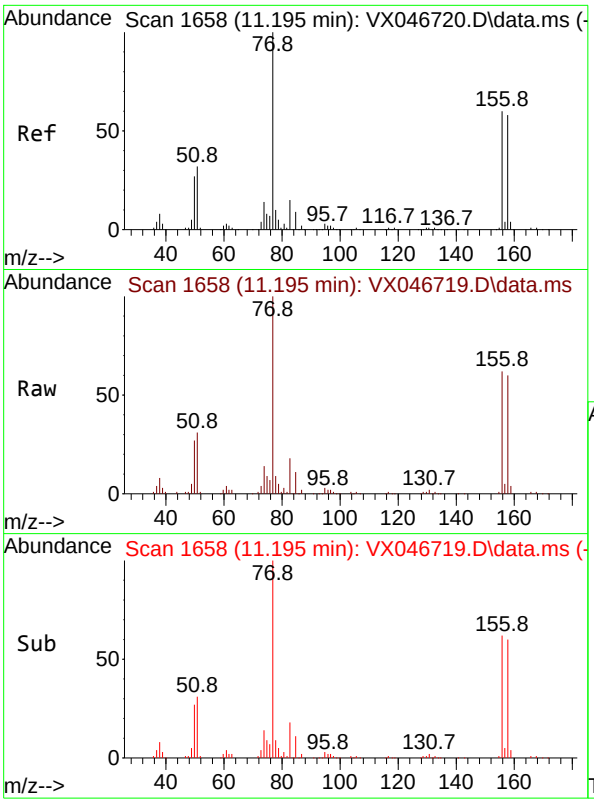


#76
1,2,3-Trichloropropane
Concen: 22.117 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 75 Resp: 44152

Ion	Ratio	Lower	Upper
75	100		
77	32.9	18.5	55.5



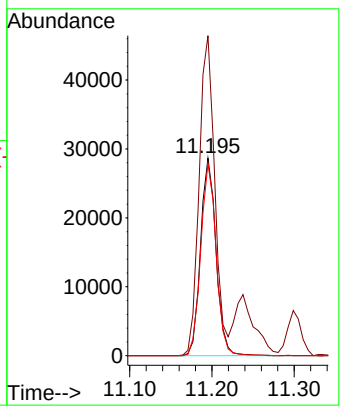


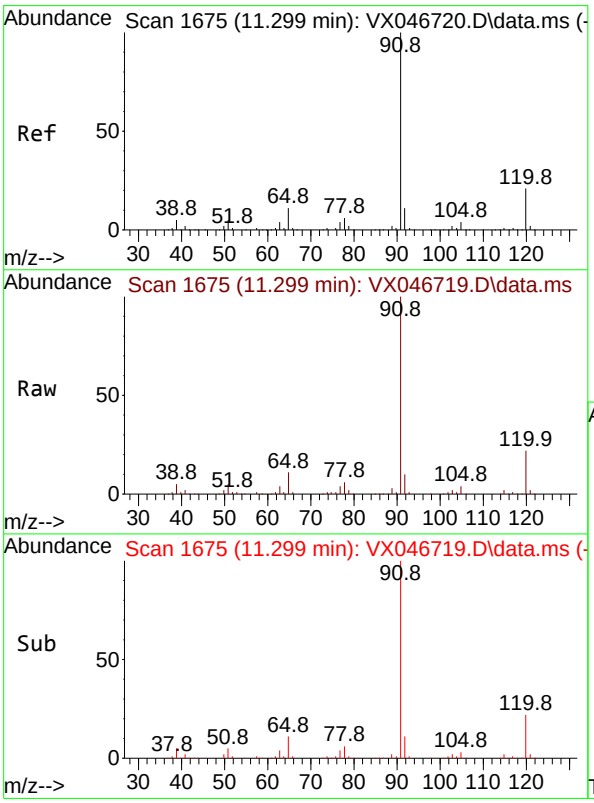
#77
Bromobenzene
Concen: 21.507 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 37464

Ion	Ratio	Lower	Upper
156	100		
77	163.6	82.8	248.6
158	96.6	47.6	142.9

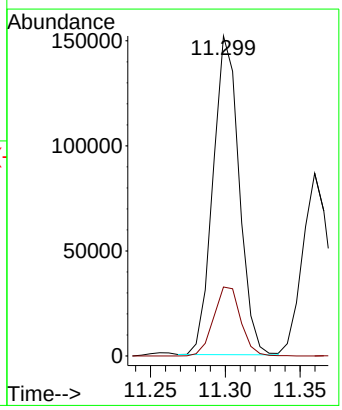


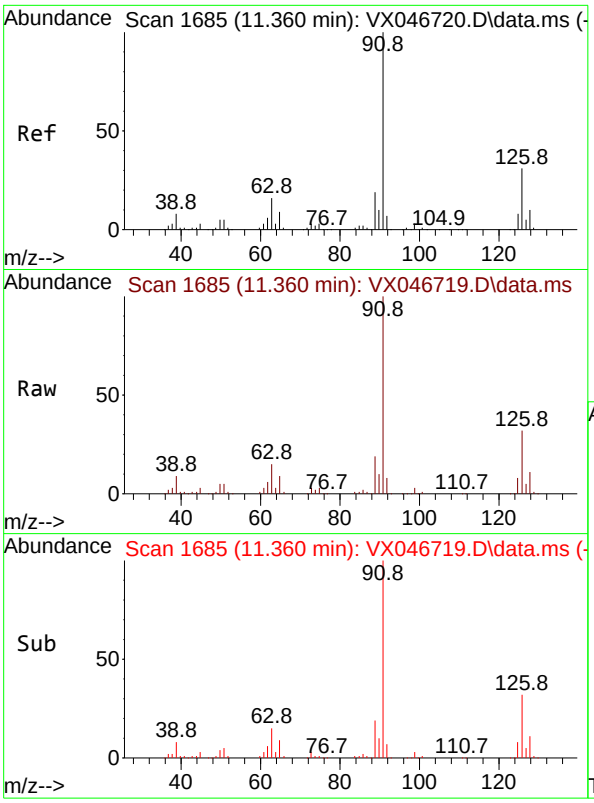


#78
n-propylbenzene
Concen: 21.410 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 91 Resp: 184078

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.1



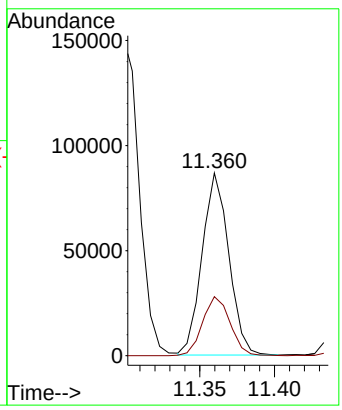


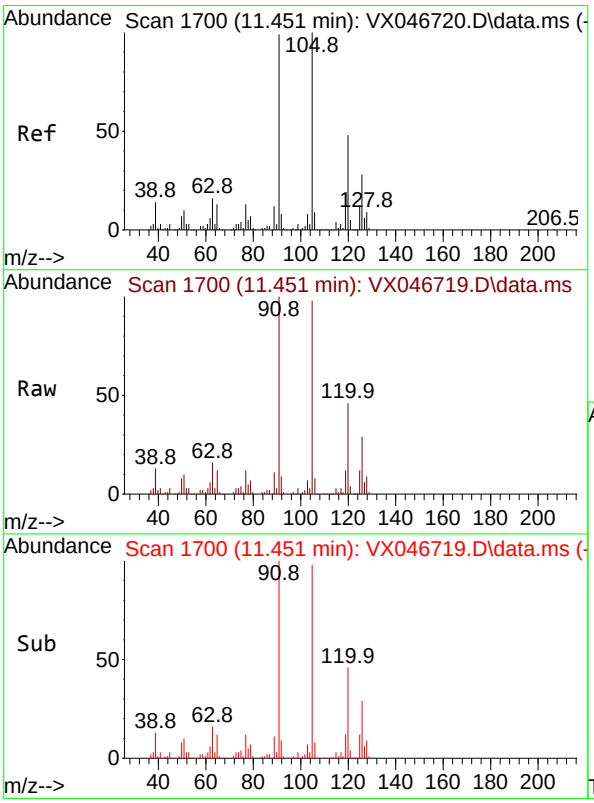
#79
2-Chlorotoluene
Concen: 20.952 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 107552

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.6	49.7

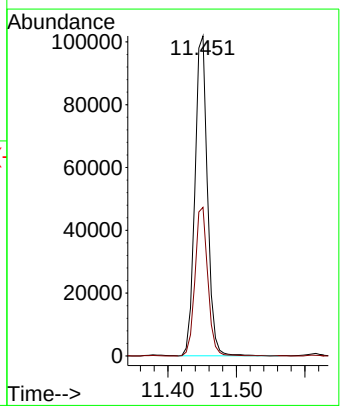


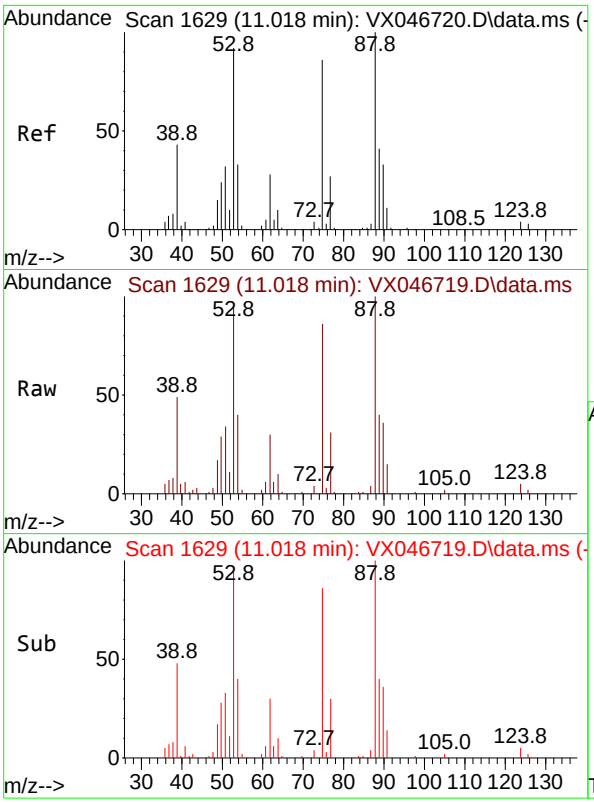


#80
1,3,5-Trimethylbenzene
Concen: 21.793 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:105 Resp: 129635

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.1	72.2



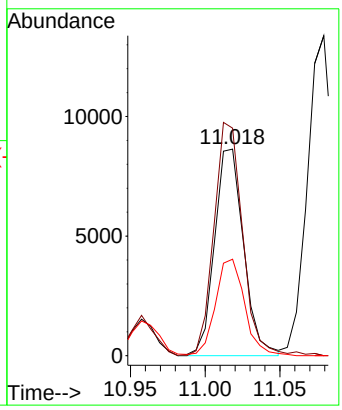


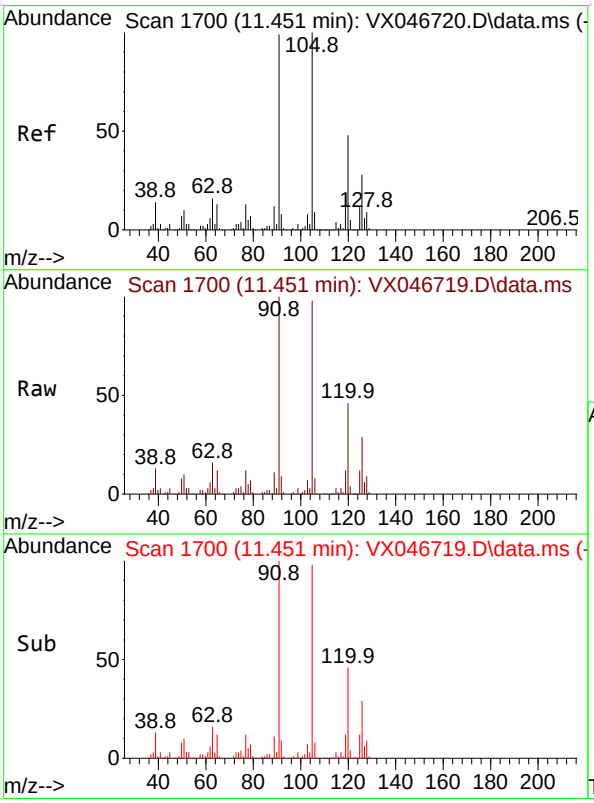
#81
trans-1,4-Dichloro-2-butene
Concen: 18.362 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 11694

Ion	Ratio	Lower	Upper
75	100		
53	111.5	86.8	130.2
89	46.7	36.9	55.3

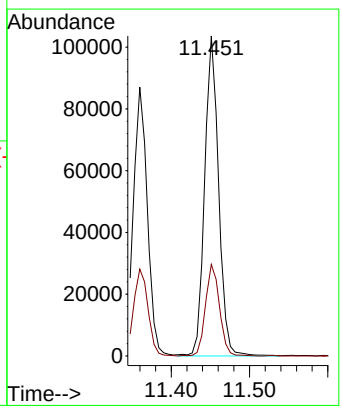


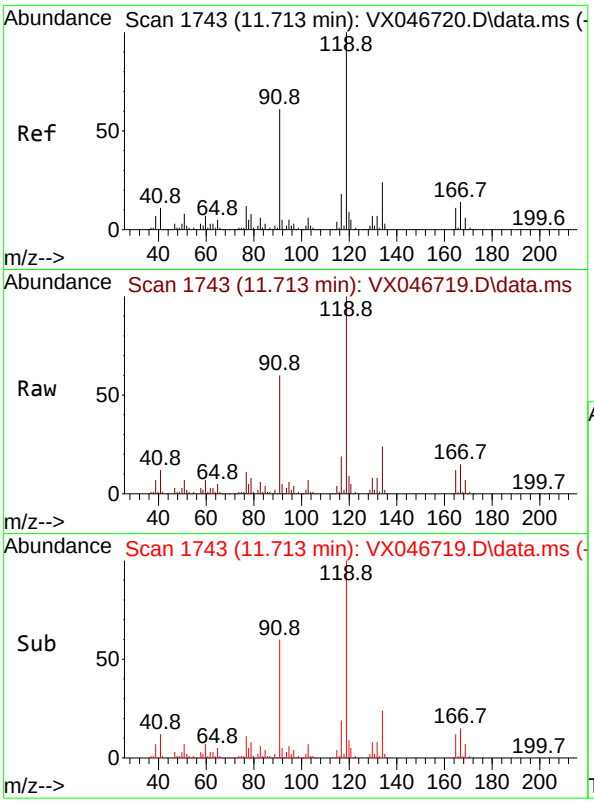


#82
4-Chlorotoluene
Concen: 21.358 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 91 Resp: 127954

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.4	43.2



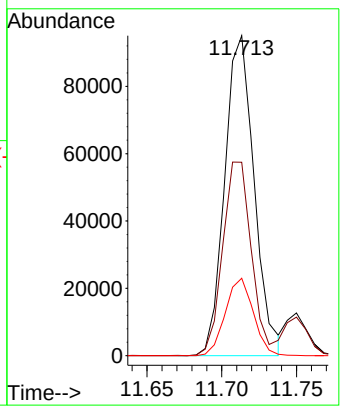


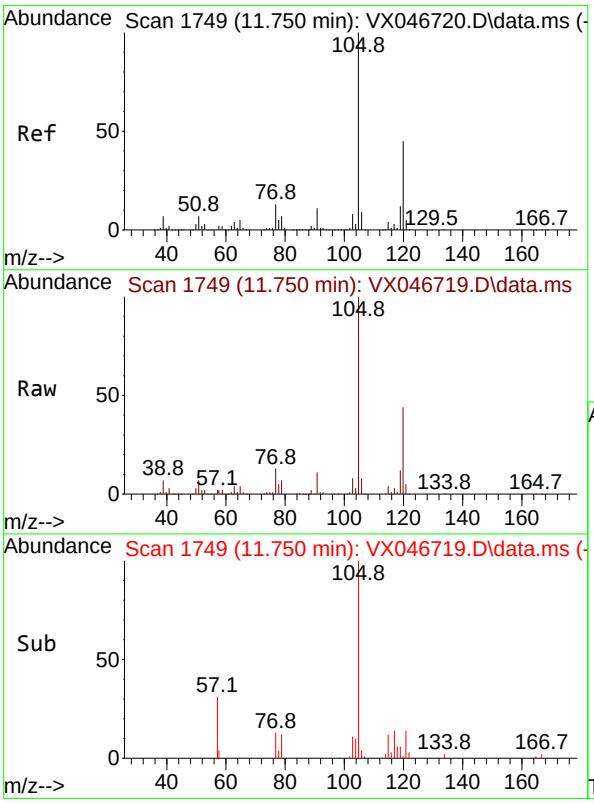
#83
tert-Butylbenzene
Concen: 21.201 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 130359

Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.5	88.6
134	23.0	11.7	35.0

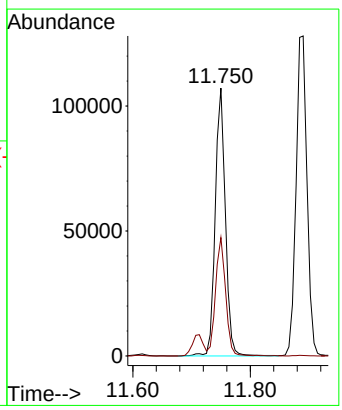


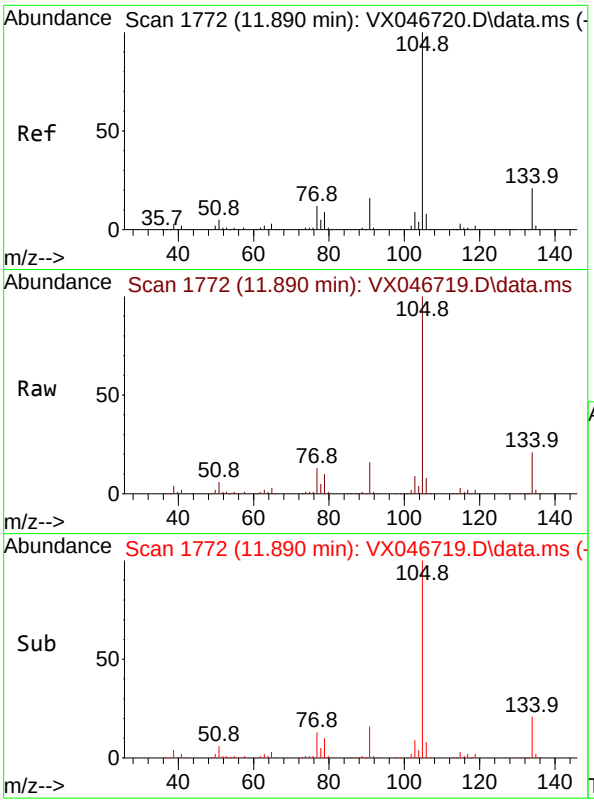


#84
1,2,4-Trimethylbenzene
Concen: 21.512 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:105 Resp: 128566

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.3



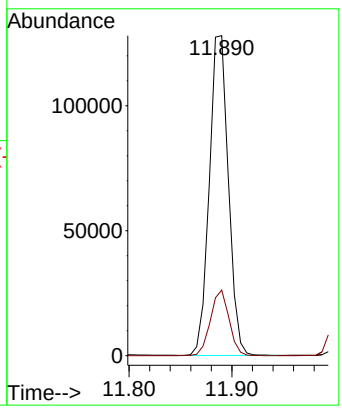


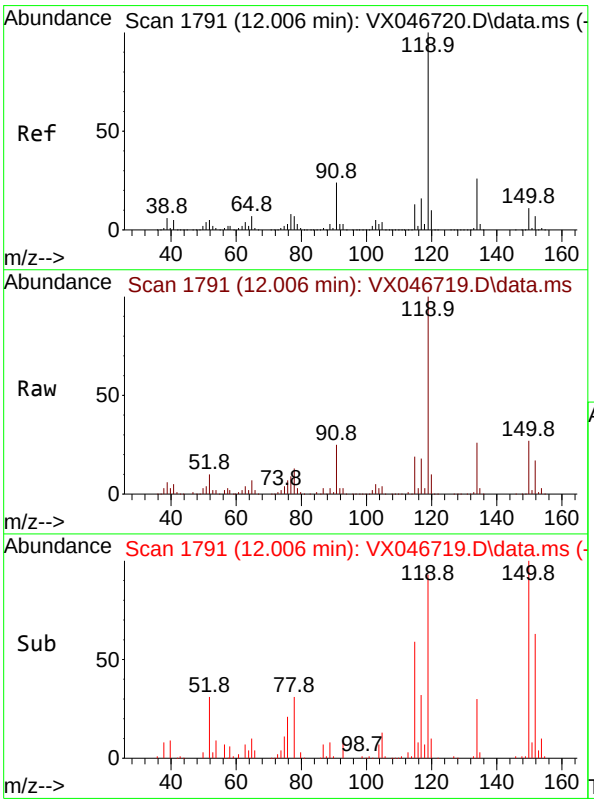
#85
sec-Butylbenzene
Concen: 21.239 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 165047

Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.4

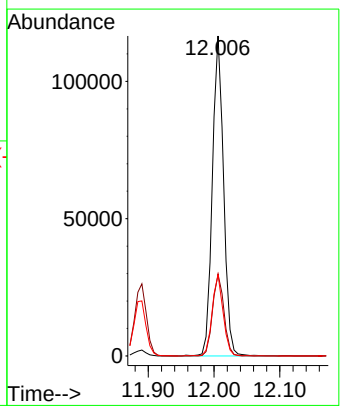


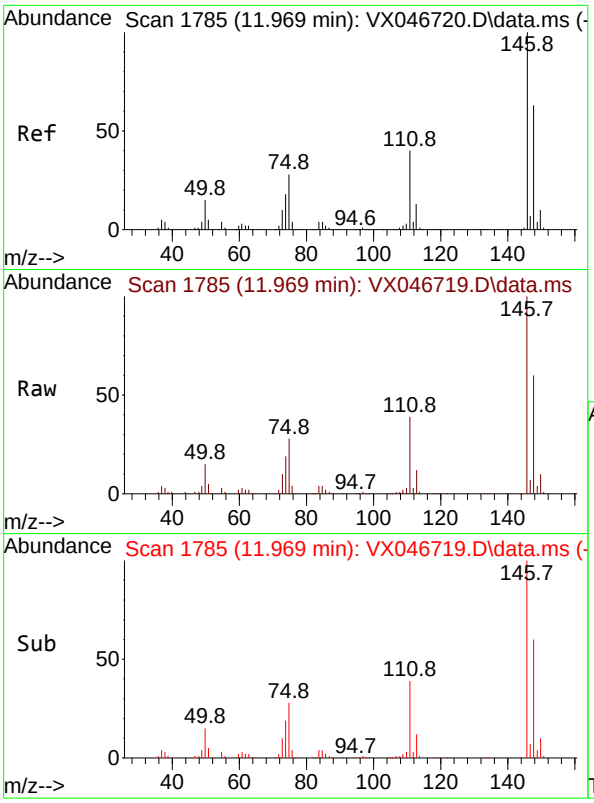


#86
p-Isopropyltoluene
Concen: 21.142 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:119 Resp: 138623

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	24.8	12.3	36.9



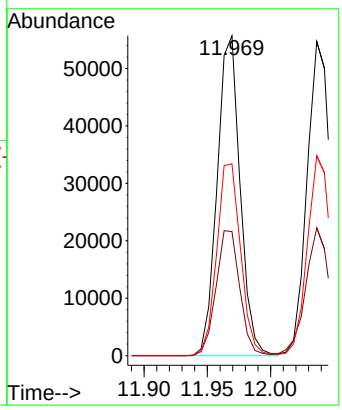


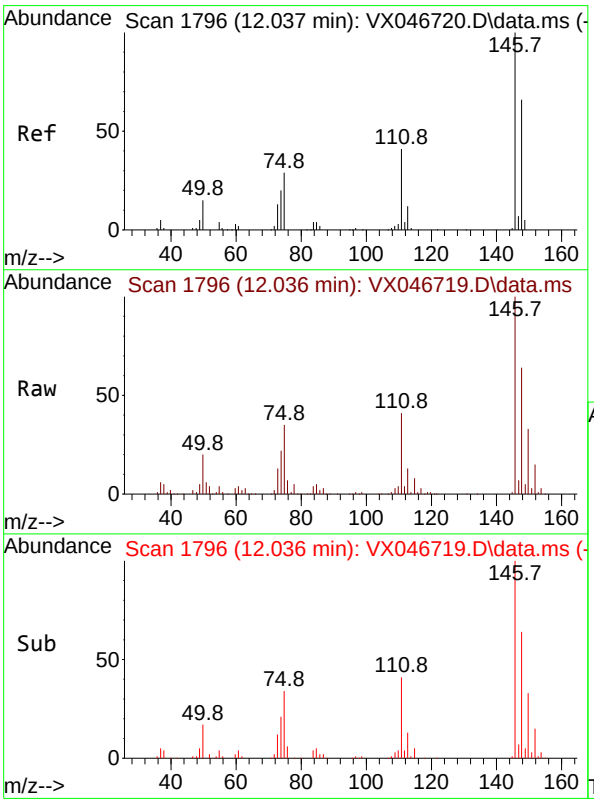
#87
1,3-Dichlorobenzene
Concen: 20.681 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 70243

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.8
148	62.4	31.6	94.8

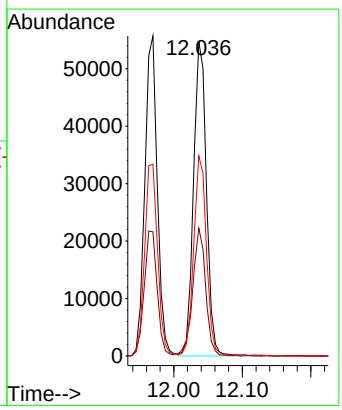


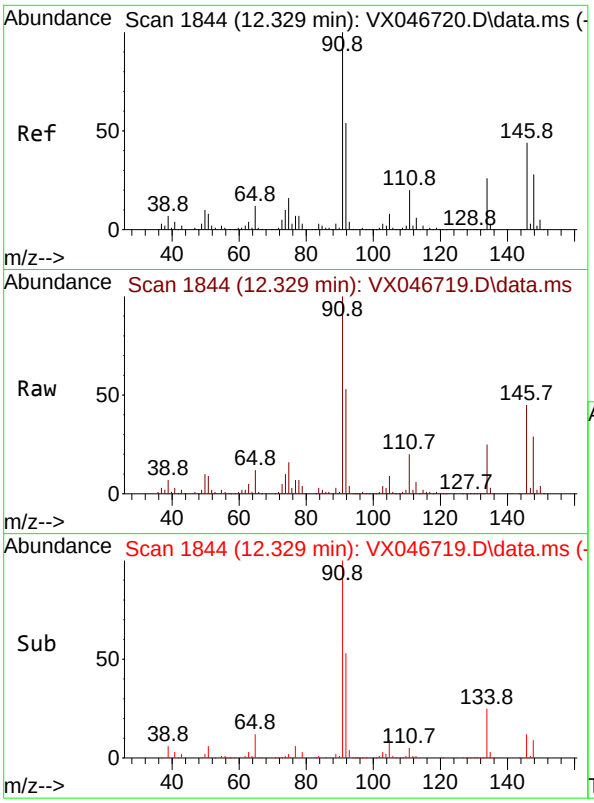


#88
1,4-Dichlorobenzene
Concen: 20.625 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:146 Resp: 71953

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	62.6	32.1	96.5



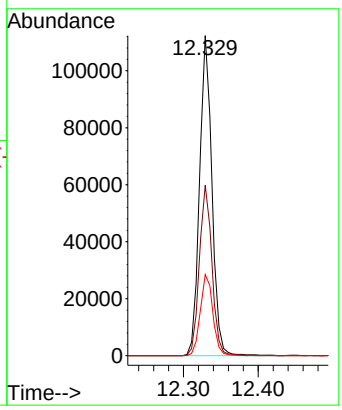


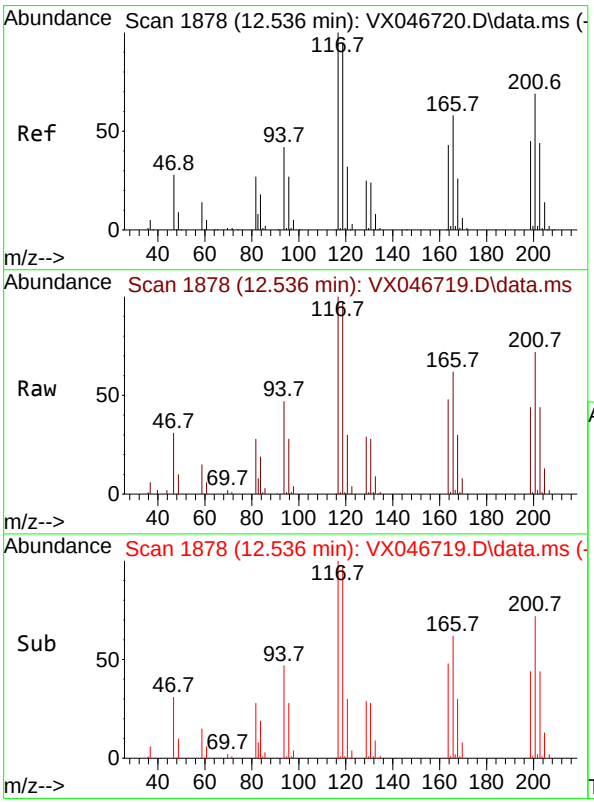
#89
n-Butylbenzene
Concen: 20.738 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 129101

Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	25.8	12.9	38.6

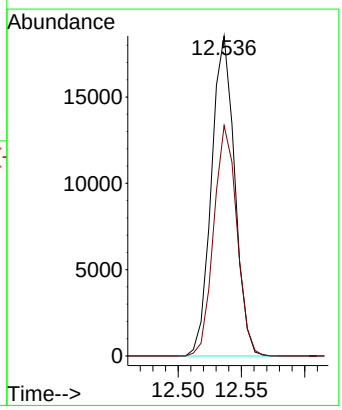


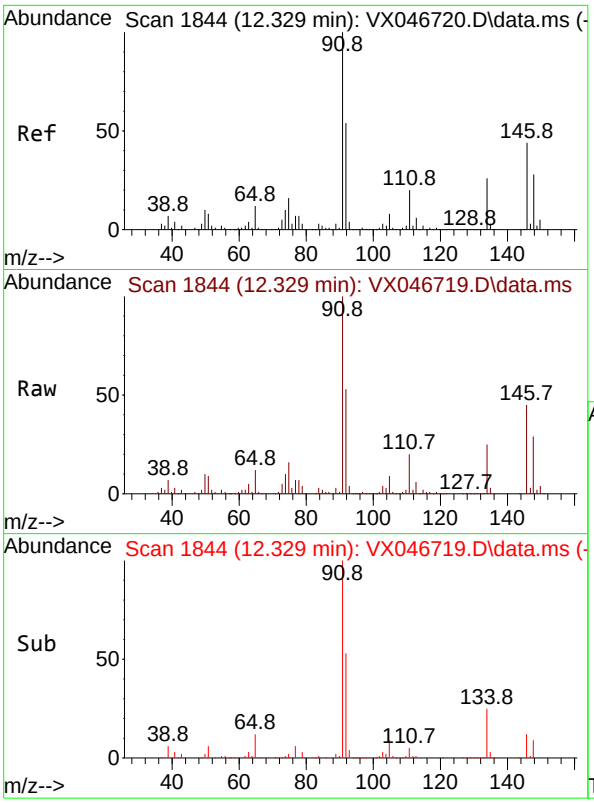


#90
Hexachloroethane
Concen: 20.594 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:117 Resp: 23645

Ion	Ratio	Lower	Upper
117	100		
201	71.6	34.4	103.3



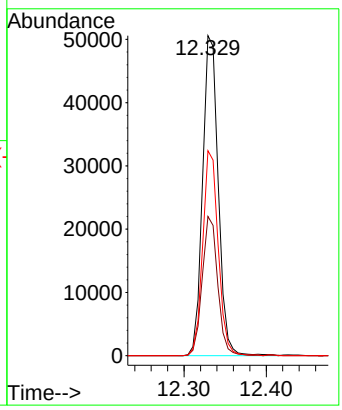


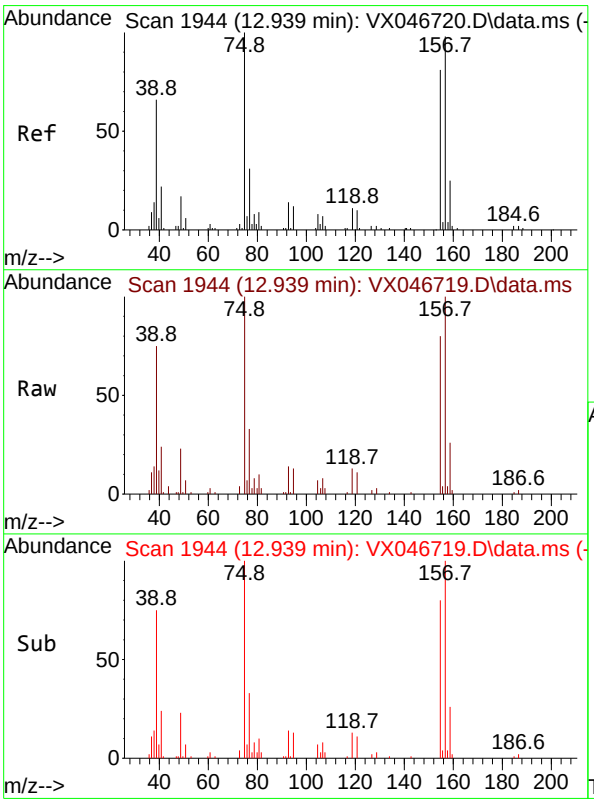
#91
1,2-Dichlorobenzene
Concen: 21.073 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 66883

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.7	65.1
148	63.5	32.0	96.2

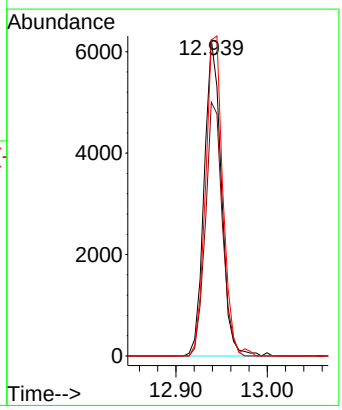


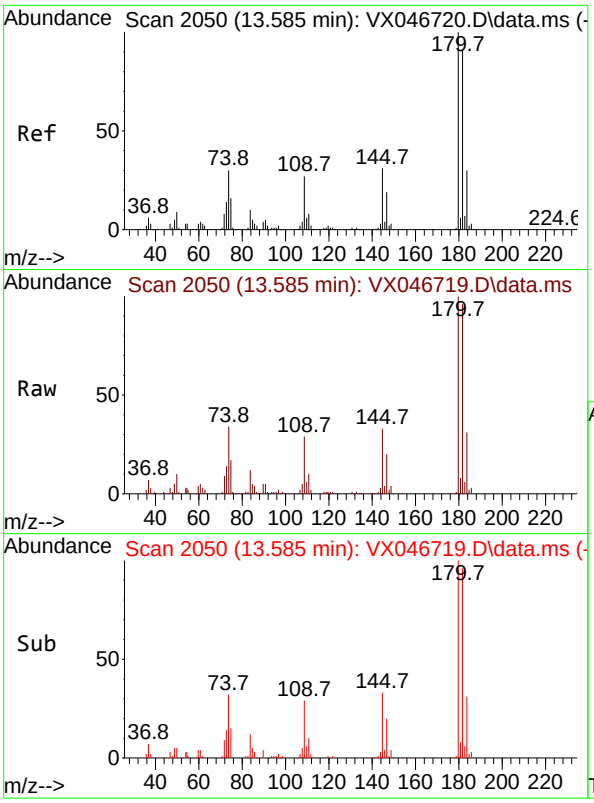


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.226 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 75 Resp: 8071

Ion	Ratio	Lower	Upper
75	100		
155	79.6	41.9	125.7
157	102.7	51.4	154.3



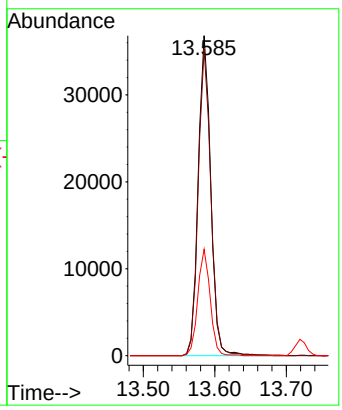


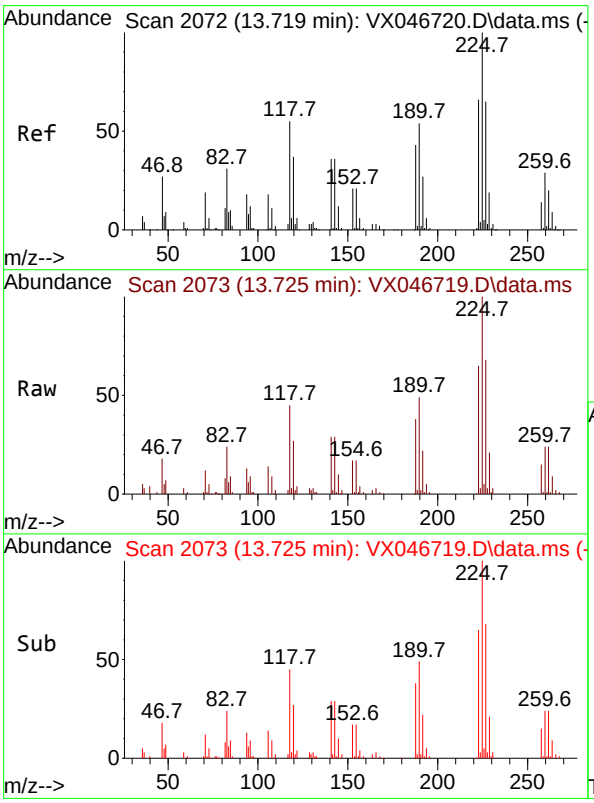
#93
1,2,4-Trichlorobenzene
Concen: 19.821 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 44726

Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.7	140.1
145	32.8	15.8	47.4

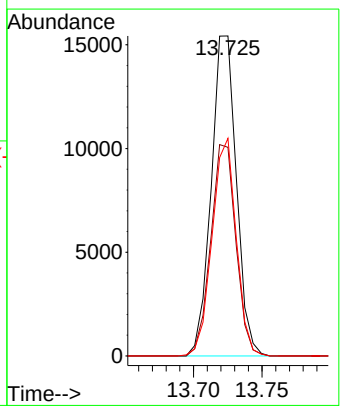


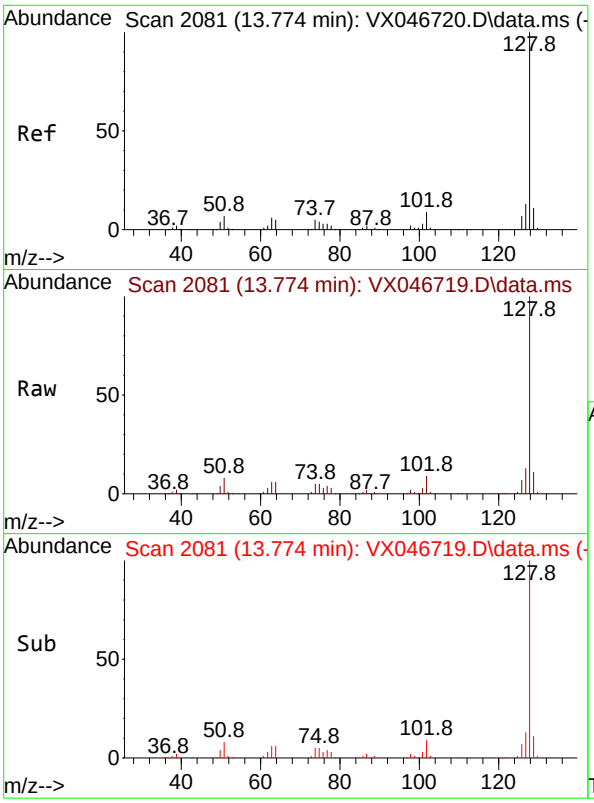


#94
Hexachlorobutadiene
Concen: 20.752 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:225 Resp: 19698

Ion	Ratio	Lower	Upper
225	100		
223	66.0	32.5	97.5
227	65.3	32.2	96.6



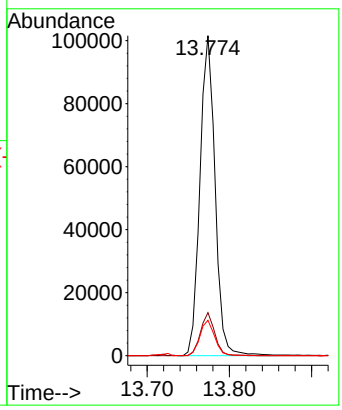


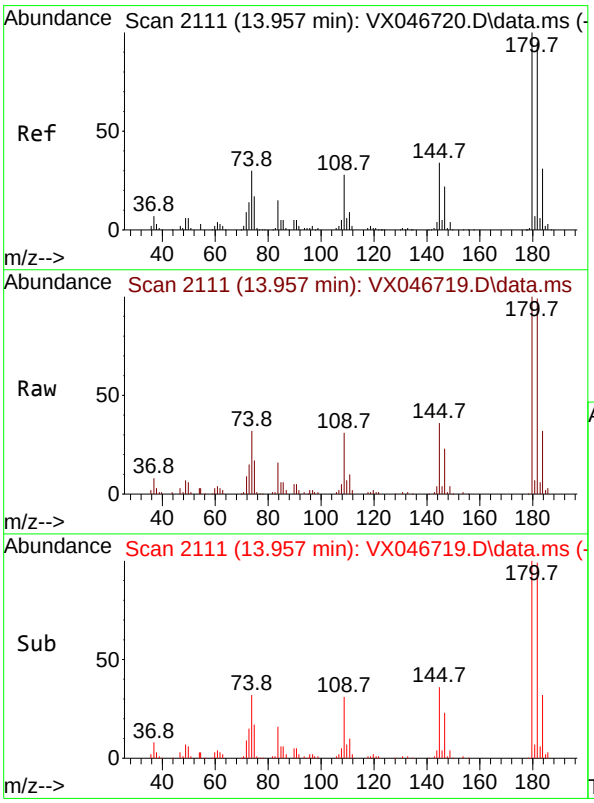
#95
Naphthalene
Concen: 20.186 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 129768

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.8	8.7	13.1

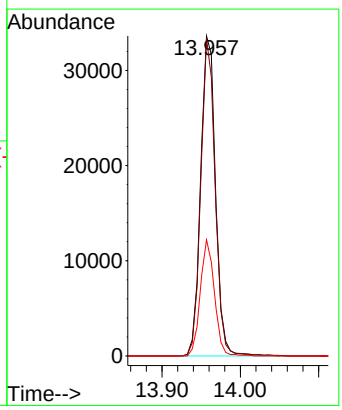




#96
1,2,3-Trichlorobenzene
Concen: 20.558 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:180 Resp: 44380

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.4
145	34.4	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	123412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	204400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80133	46.944	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.880%			
35) Dibromofluoromethane	5.397	113	65447	48.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.780%			
50) Toluene-d8	8.647	98	233825	48.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.240%			
62) 4-Bromofluorobenzene	11.079	95	87131	48.107	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	71910	54.577	ug/l	100
3) Chloromethane	1.307	50	73175	51.454	ug/l	100
4) Vinyl Chloride	1.386	62	78242	51.592	ug/l	100
5) Bromomethane	1.624	94	45535	53.367	ug/l	100
6) Chloroethane	1.703	64	46570	50.665	ug/l	100
7) Trichlorofluoromethane	1.904	101	119335	51.823	ug/l	100
8) Diethyl Ether	2.148	74	39712	50.251	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	71037	50.285	ug/l	100
10) Methyl Iodide	2.471	142	80710	46.019	ug/l	100
11) Tert butyl alcohol	2.959	59	38256	249.692	ug/l	100
12) 1,1-Dichloroethene	2.337	96	70202	51.500	ug/l	100
13) Acrolein	2.246	56	53791	241.036	ug/l	100
14) Allyl chloride	2.678	41	123265	49.909	ug/l	100
15) Acrylonitrile	3.075	53	175846	255.243	ug/l	100
16) Acetone	2.386	43	135683	238.356	ug/l	100
17) Carbon Disulfide	2.526	76	197344	47.941	ug/l	100
18) Methyl Acetate	2.715	43	71685	49.582	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	216266	50.953	ug/l	100
20) Methylene Chloride	2.800	84	75315	47.576	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	72648	49.807	ug/l	100
22) Diisopropyl ether	3.770	45	242789	51.143	ug/l	100
23) Vinyl Acetate	3.733	43	985040	260.935	ug/l	100
24) 1,1-Dichloroethane	3.623	63	134324	49.835	ug/l	100
25) 2-Butanone	4.562	43	208346	258.788	ug/l	100
26) 2,2-Dichloropropane	4.489	77	93956	47.794	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	84638	49.392	ug/l	100
28) Bromochloromethane	4.910	49	59857	48.984	ug/l	100
29) Tetrahydrofuran	5.013	42	133555	256.831	ug/l	100
30) Chloroform	5.105	83	137459	50.996	ug/l	100
31) Cyclohexane	5.483	56	125014	48.909	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	117954	49.895	ug/l	100
36) 1,1-Dichloropropene	5.702	75	97413	49.899	ug/l	100
37) Ethyl Acetate	4.721	43	88076	48.877	ug/l	100
38) Carbon Tetrachloride	5.690	117	105202	49.656	ug/l	100
39) Methylcyclohexane	7.385	83	128553	50.041	ug/l	100
40) Benzene	6.044	78	289724	50.146	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	48765	50.762	ug/l		100
42) 1,2-Dichloroethane	6.092	62	101218	49.855	ug/l		100
43) Isopropyl Acetate	6.342	43	146377	51.911	ug/l		100
44) Trichloroethene	7.129	130	72796	49.441	ug/l		100
45) 1,2-Dichloropropane	7.434	63	70702	49.378	ug/l		100
46) Dibromomethane	7.586	93	51288	49.840	ug/l		100
47) Bromodichloromethane	7.824	83	106651	50.787	ug/l		100
48) Methyl methacrylate	7.696	41	75708	53.535	ug/l		100
49) 1,4-Dioxane	7.659	88	19802	962.534	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	435000	258.656	ug/l		100
52) Toluene	8.720	92	181414	50.650	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	99727	51.183	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	111917	50.598	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	66688	49.963	ug/l		100
56) Ethyl methacrylate	9.116	69	103697	52.629	ug/l		100
57) 1,3-Dichloropropane	9.305	76	114824	49.955	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.245	63	287531	280.927	ug/l		100
59) 2-Hexanone	9.427	43	303322	260.883	ug/l		100
60) Dibromochloromethane	9.519	129	79227	50.368	ug/l		100
61) 1,2-Dibromoethane	9.610	107	68515	50.464	ug/l		100
64) Tetrachloroethene	9.275	164	61048	49.115	ug/l		100
65) Chlorobenzene	10.080	112	195752	49.429	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	67004	50.341	ug/l		100
67) Ethyl Benzene	10.189	91	346812	50.119	ug/l		100
68) m/p-Xylenes	10.299	106	259899	100.800	ug/l		100
69) o-Xylene	10.640	106	124120	51.366	ug/l		100
70) Styrene	10.653	104	216738	51.254	ug/l		100
71) Bromoform	10.799	173	51485	50.792	ug/l	#	100
73) Isopropylbenzene	10.957	105	331391	50.548	ug/l		100
74) N-amyl acetate	10.842	43	130606	52.581	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	92893	50.745	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	99621	55.099	ug/l		93
77) Bromobenzene	11.195	156	79404	50.331	ug/l		100
78) n-propylbenzene	11.299	91	394375	50.646	ug/l		100
79) 2-Chlorotoluene	11.360	91	230178	49.509	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	273477	50.761	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	27677	47.984	ug/l		100
82) 4-Chlorotoluene	11.451	91	269198	49.613	ug/l		100
83) tert-Butylbenzene	11.713	119	277915	49.905	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	272510	50.345	ug/l		100
85) sec-Butylbenzene	11.890	105	355947	50.574	ug/l		100
86) p-Isopropyltoluene	12.006	119	297314	50.067	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	149402	48.568	ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	147146	46.571	ug/l		100
89) n-Butylbenzene	12.329	91	280794	49.801	ug/l		100
90) Hexachloroethane	12.536	117	51961	49.968	ug/l		100
91) 1,2-Dichlorobenzene	12.329	146	141743	49.309	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18747	51.873	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	100346	49.101	ug/l		100
94) Hexachlorobutadiene	13.719	225	42659	49.621	ug/l		100
95) Naphthalene	13.774	128	296912	50.994	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	96318	49.263	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

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

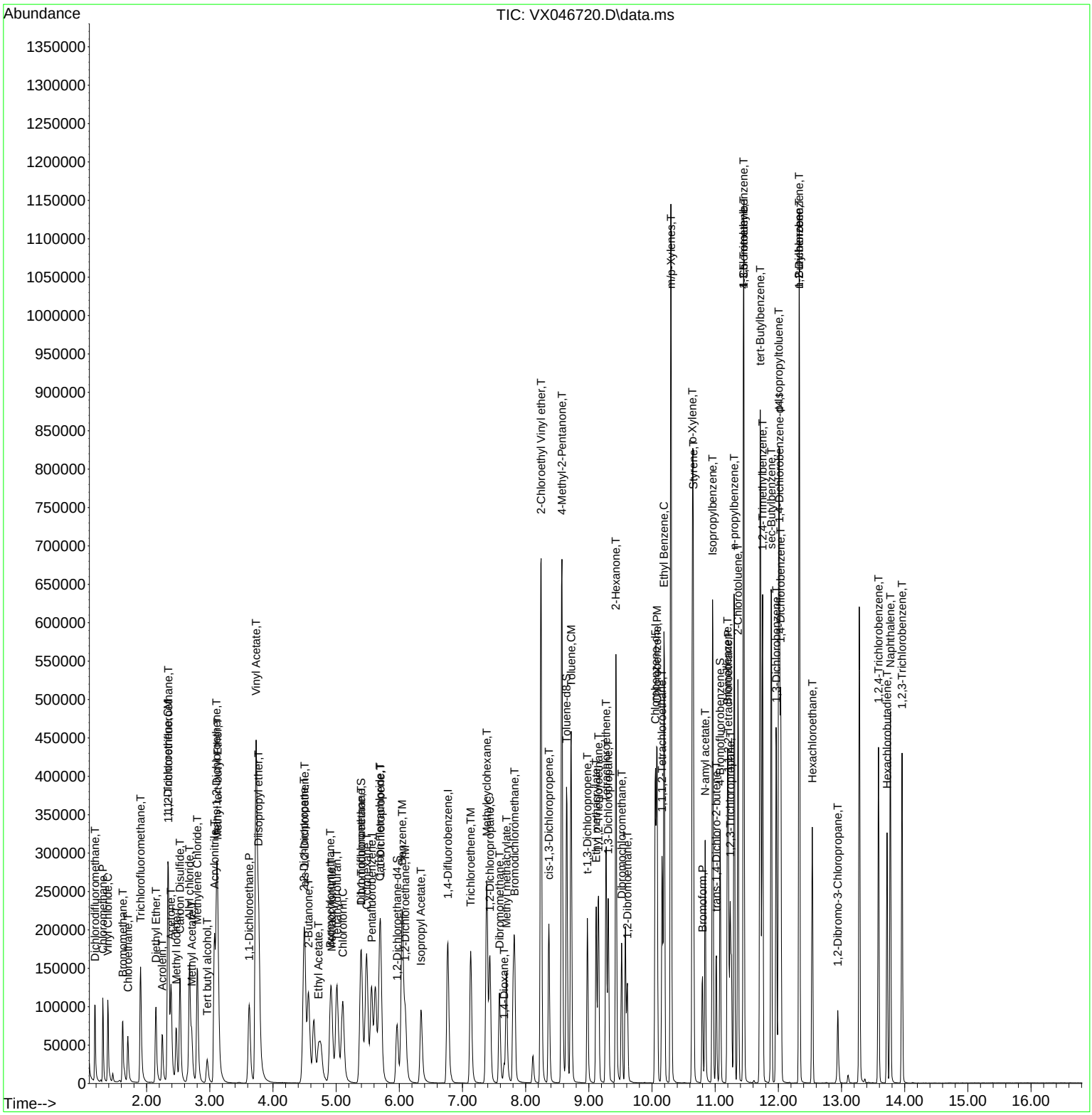
(#) = qualifier out of range (m) = manual integration (+) = signals summed

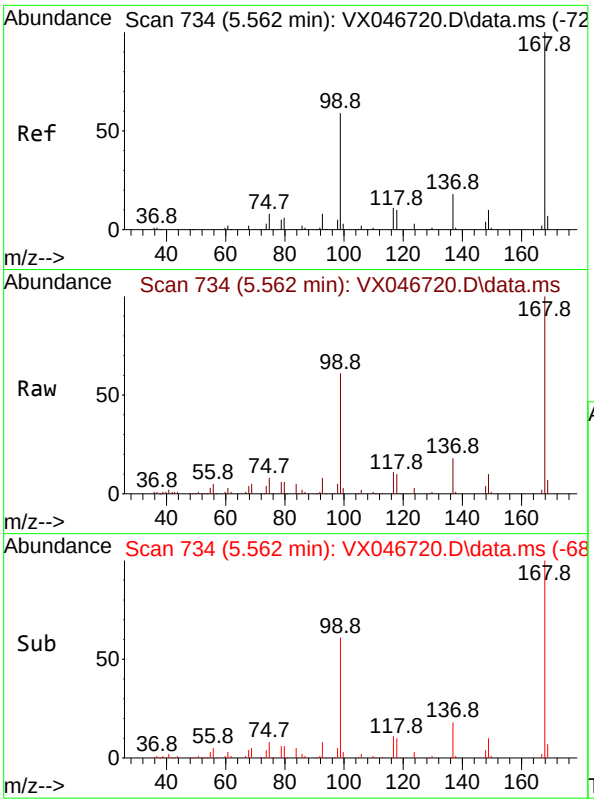
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration



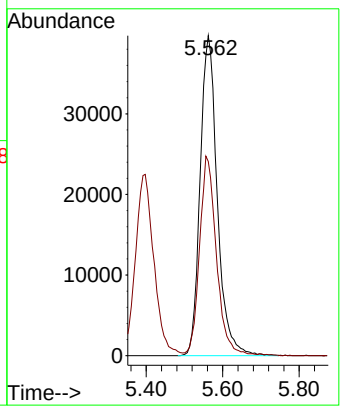


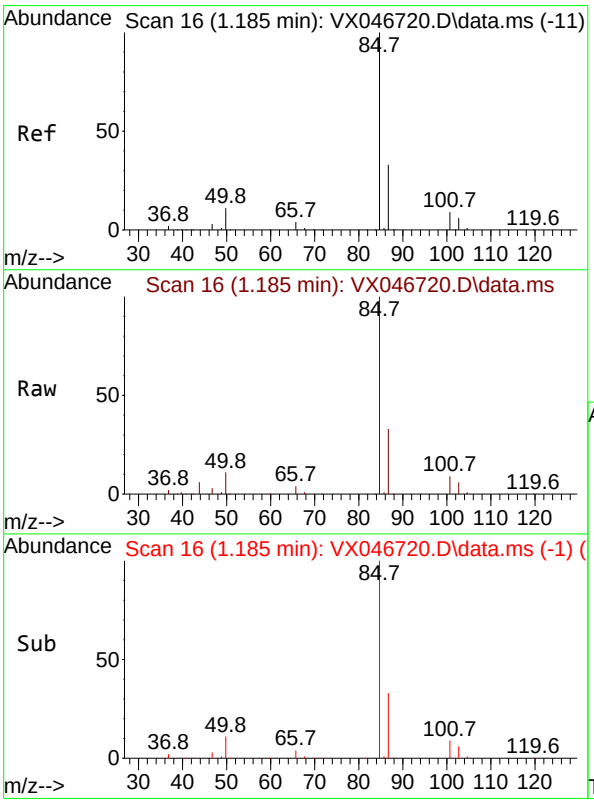
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 123412

Ion	Ratio	Lower	Upper
168	100		
99	60.6	48.5	72.7

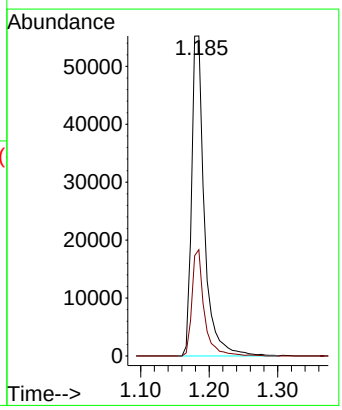


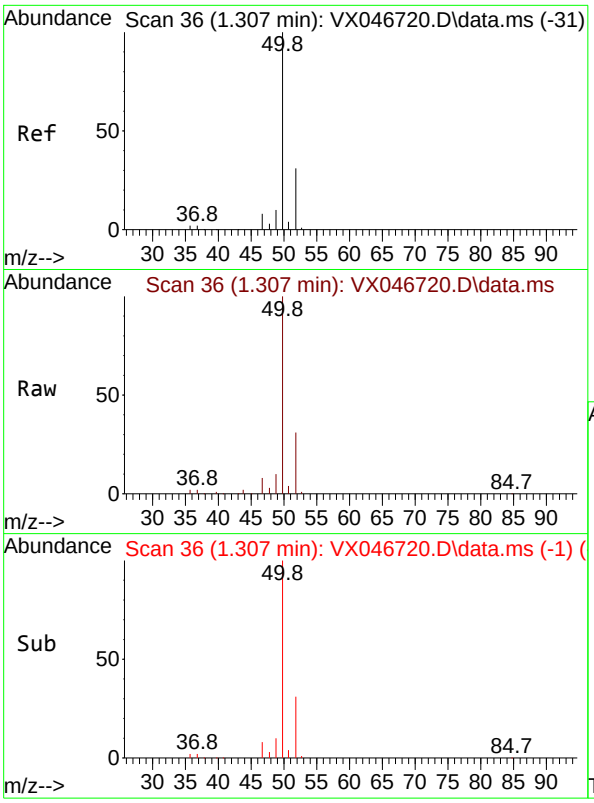


#2
Dichlorodifluoromethane
Concen: 54.577 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 85 Resp: 71910

Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.6	49.8



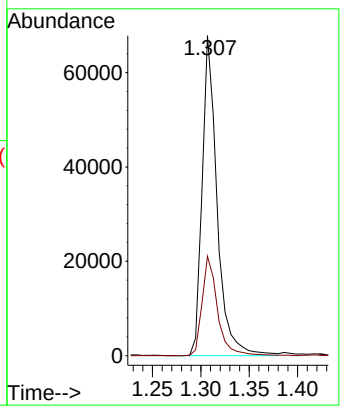


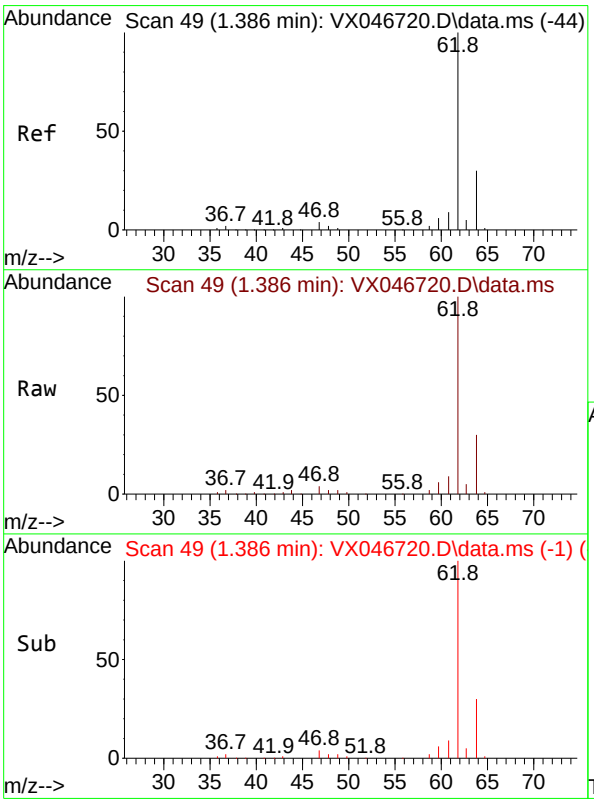
#3
Chloromethane
Concen: 51.454 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 73175

Ion	Ratio	Lower	Upper
50	100		
52	31.1	24.9	37.3

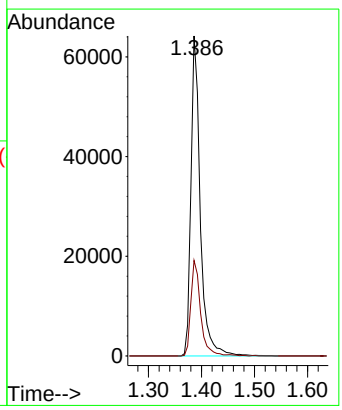


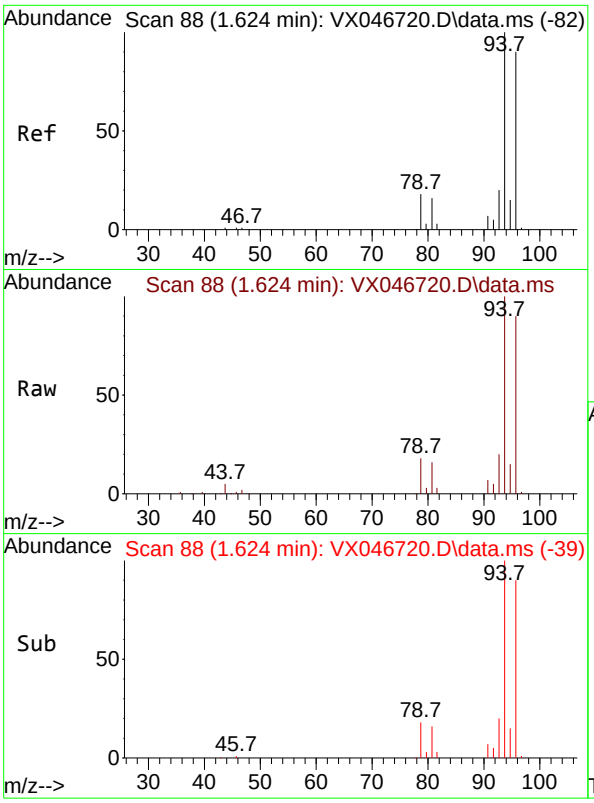


#4
Vinyl Chloride
Concen: 51.592 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 62 Resp: 78242

Ion	Ratio	Lower	Upper
62	100		
64	29.9	23.9	35.9



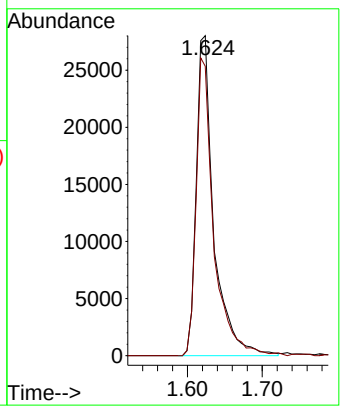


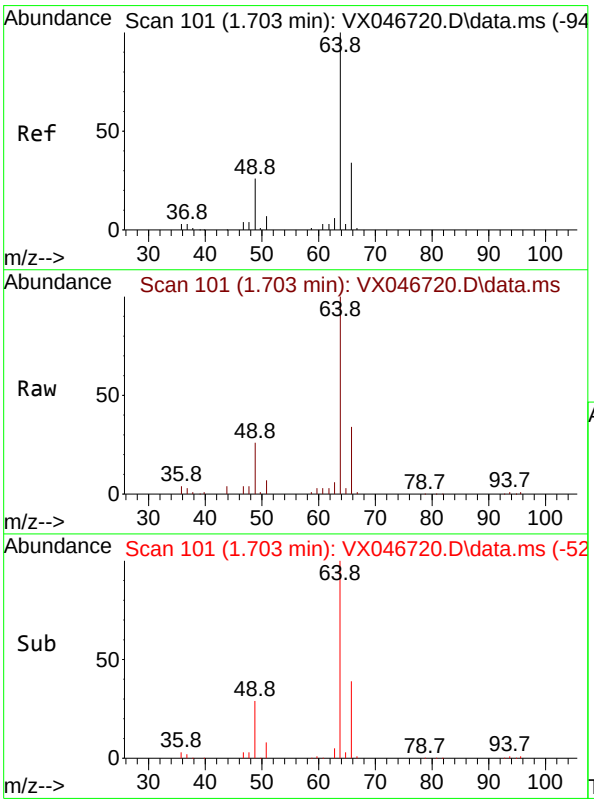
#5
Bromomethane
Concen: 53.367 ug/l
RT: 1.624 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 45535

Ion	Ratio	Lower	Upper
94	100		
96	90.4	72.3	108.5

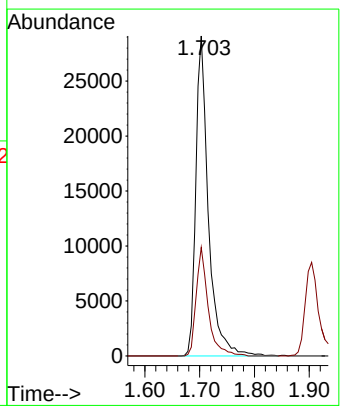


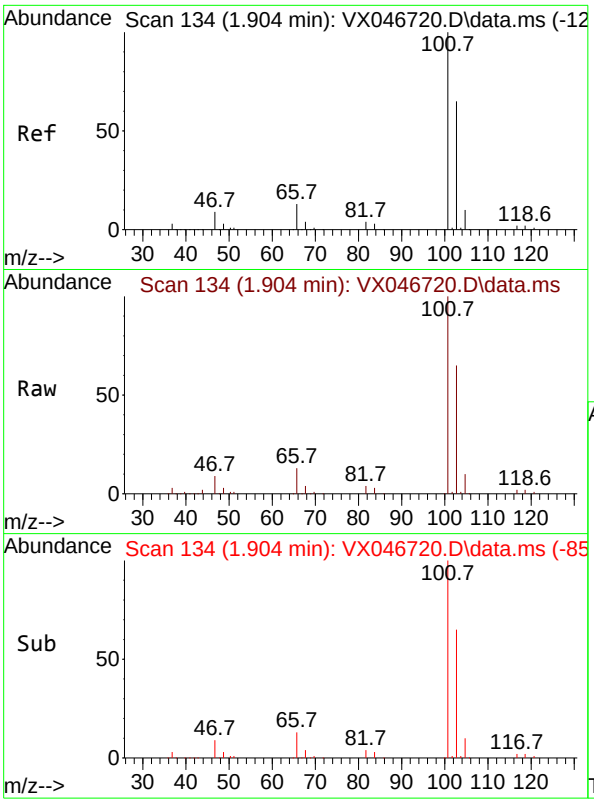


#6
Chloroethane
Concen: 50.665 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 64 Resp: 46570

Ion	Ratio	Lower	Upper
64	100		
66	33.9	27.1	40.7



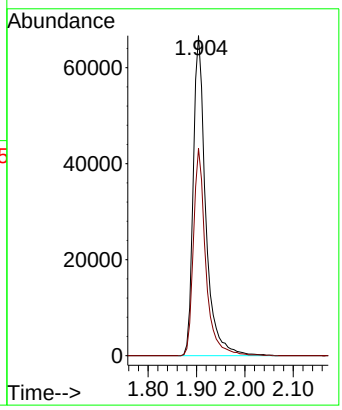


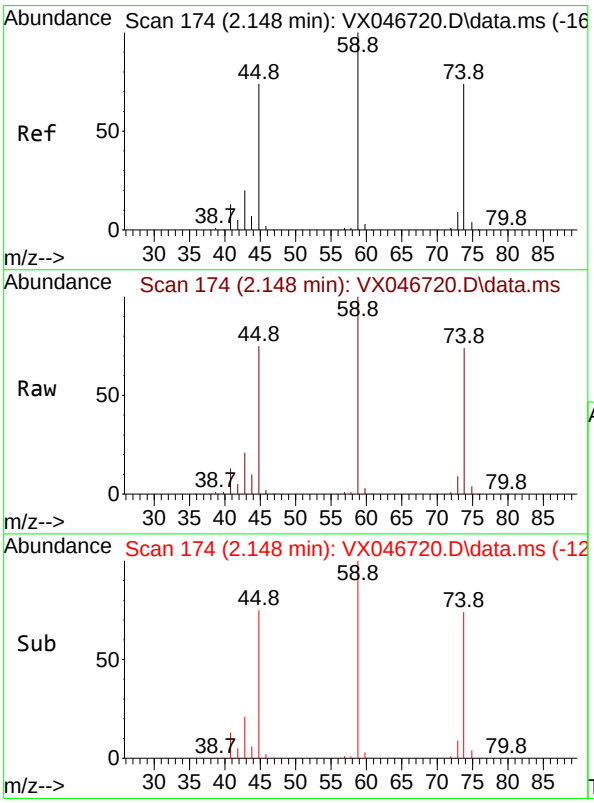
#7
Trichlorofluoromethane
Concen: 51.823 ug/l
RT: 1.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 119335

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.8

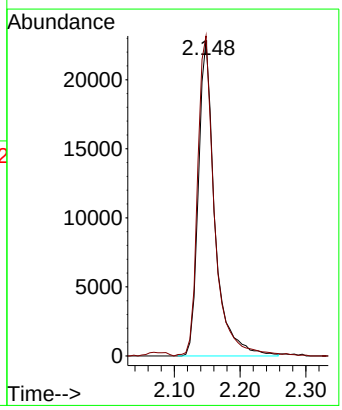


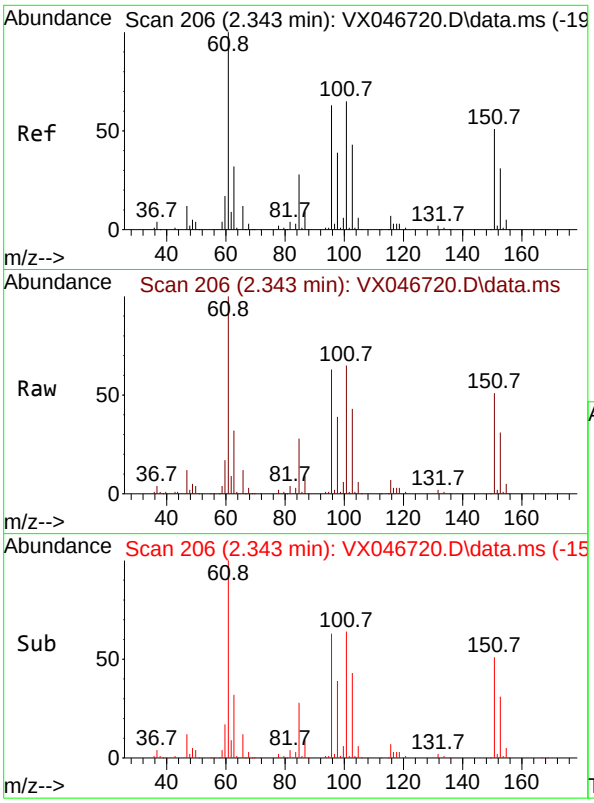


#8
Diethyl Ether
Concen: 50.251 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 74 Resp: 39712

Ion	Ratio	Lower	Upper
74	100		
45	104.7	52.3	157.1



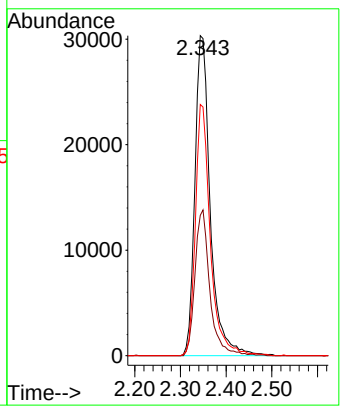


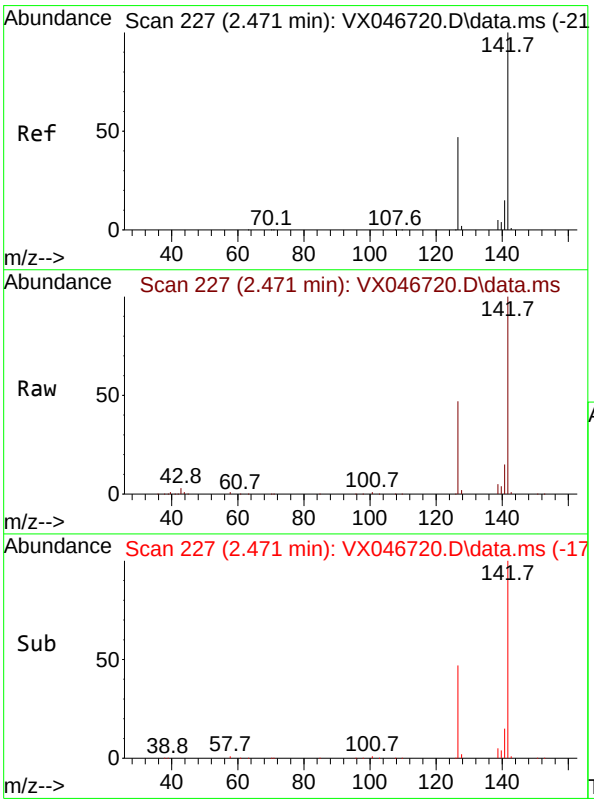
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.285 ug/l
RT: 2.343 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 71037

Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.4	53.0
151	76.5	61.2	91.8

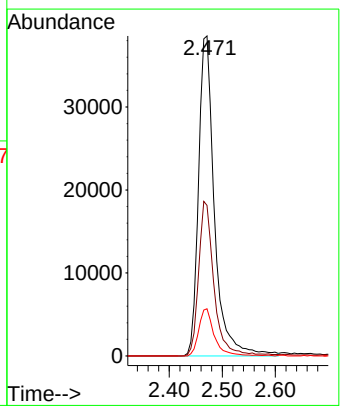


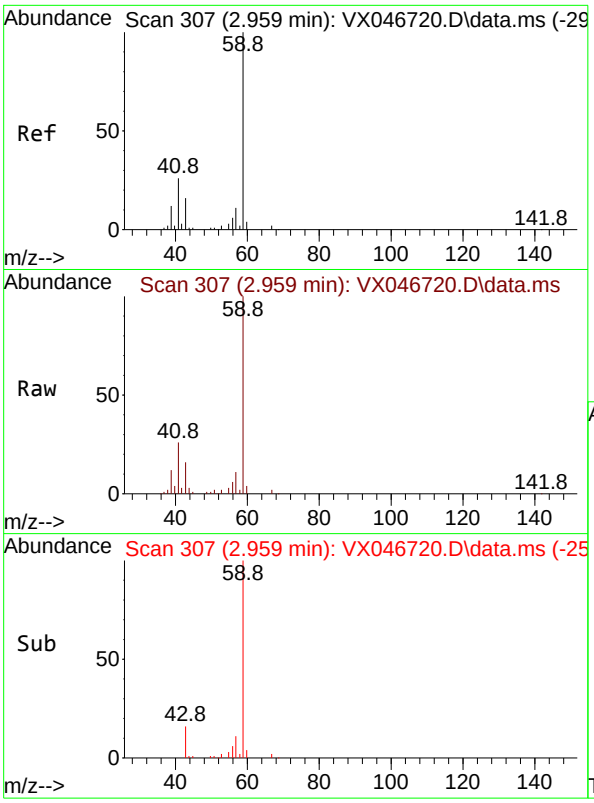


#10
Methyl Iodide
Concen: 46.019 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:142 Resp: 80710

Ion	Ratio	Lower	Upper
142	100		
127	46.3	37.0	55.6
141	14.4	11.5	17.3



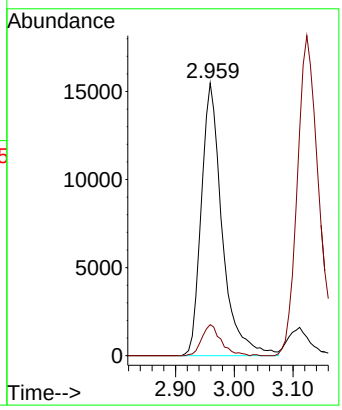


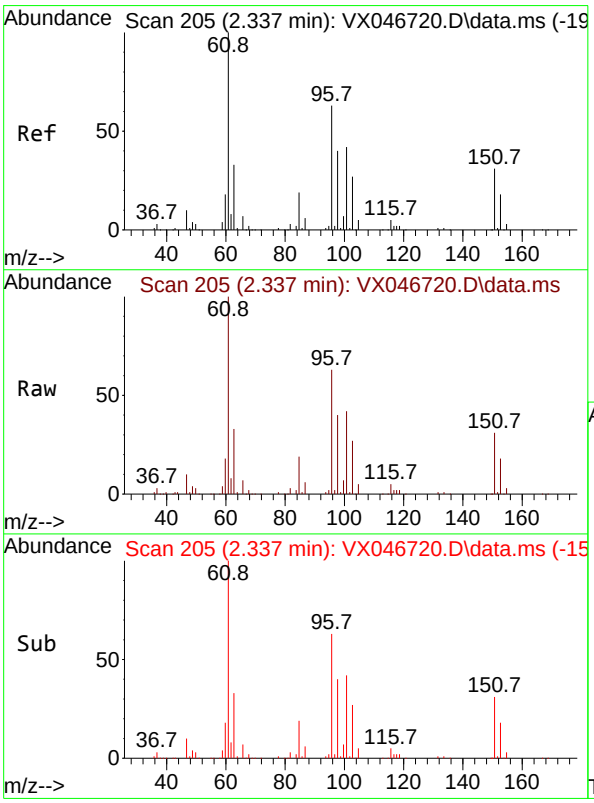
#11
Tert butyl alcohol
Concen: 249.692 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 38256

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

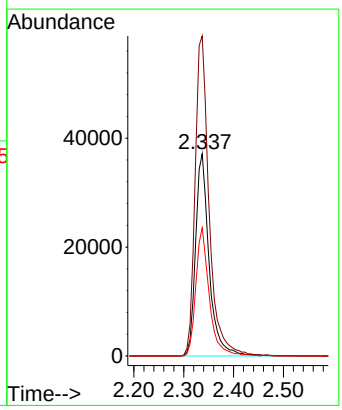


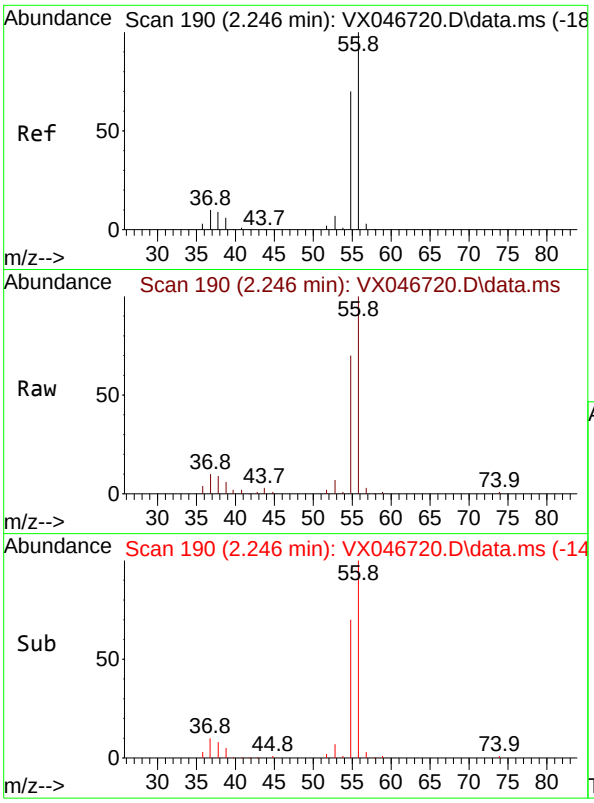


#12
1,1-Dichloroethene
Concen: 51.500 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 96 Resp: 70202

Ion	Ratio	Lower	Upper
96	100		
61	158.2	126.6	189.8
98	63.4	50.7	76.1



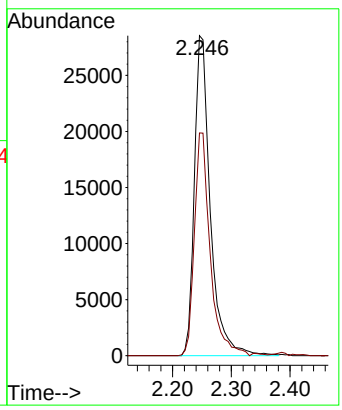


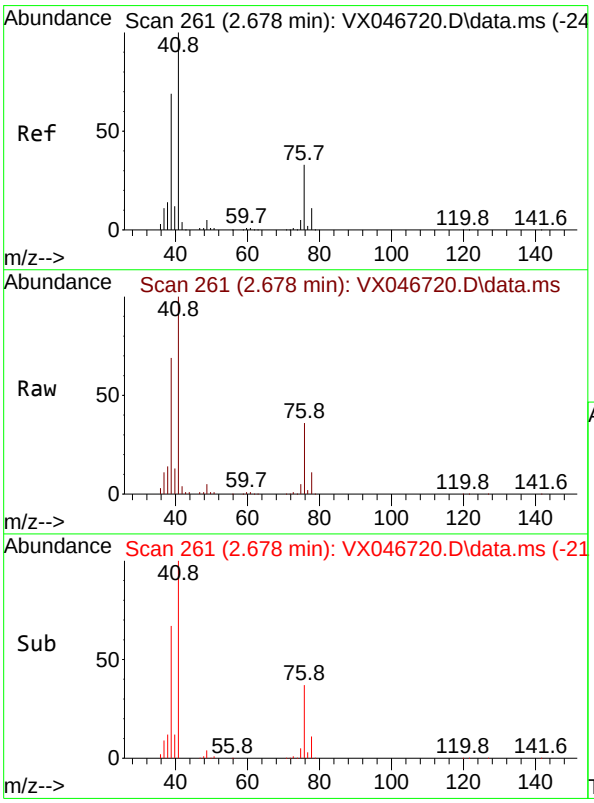
#13
Acrolein
Concen: 241.036 ug/l
RT: 2.246 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 53791

Ion	Ratio	Lower	Upper
56	100		
55	69.0	55.2	82.8

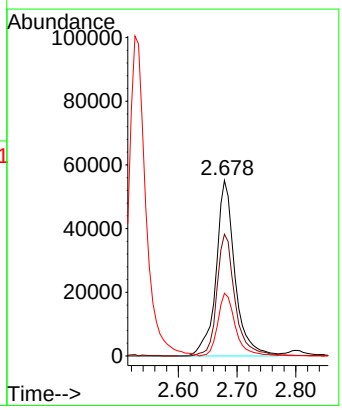


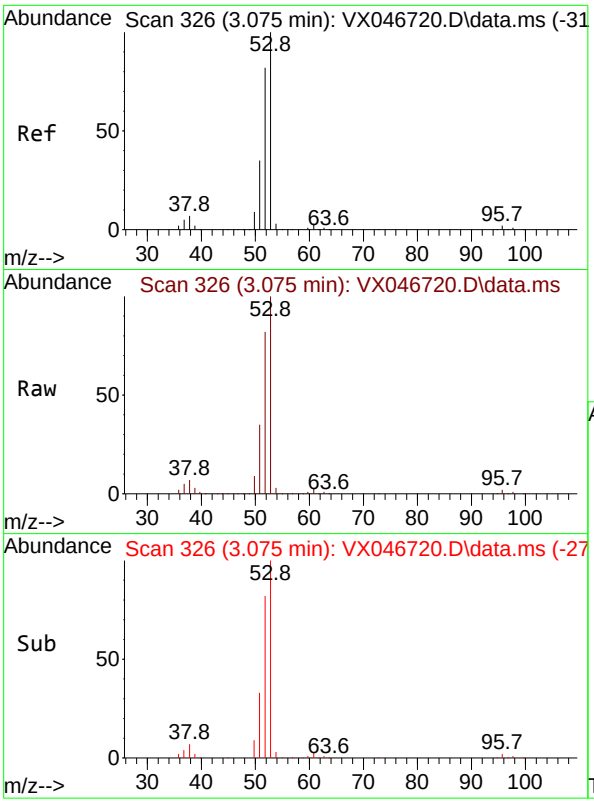


#14
Allyl chloride
Concen: 49.909 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 41 Resp: 123265

Ion	Ratio	Lower	Upper
41	100		
39	67.0	53.6	80.4
76	33.5	26.8	40.2



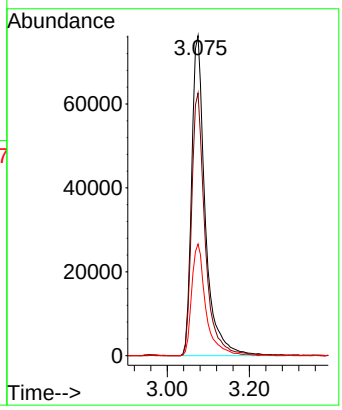


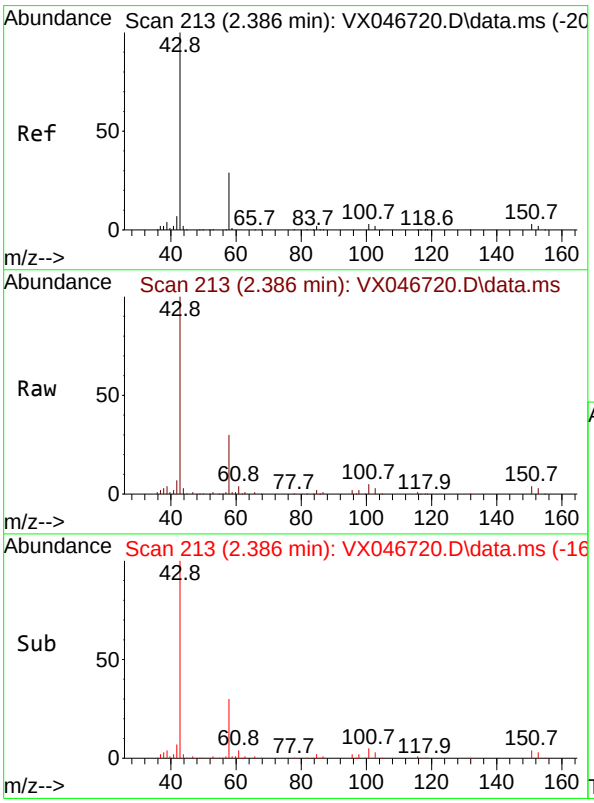
#15
Acrylonitrile
Concen: 255.243 ug/l
RT: 3.075 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 175846

Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	36.1	28.9	43.3

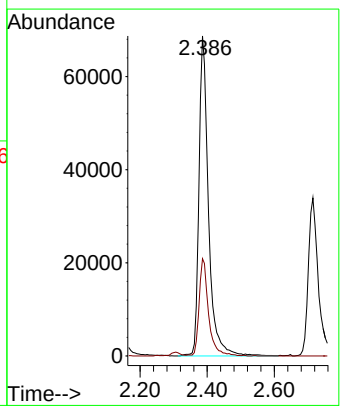


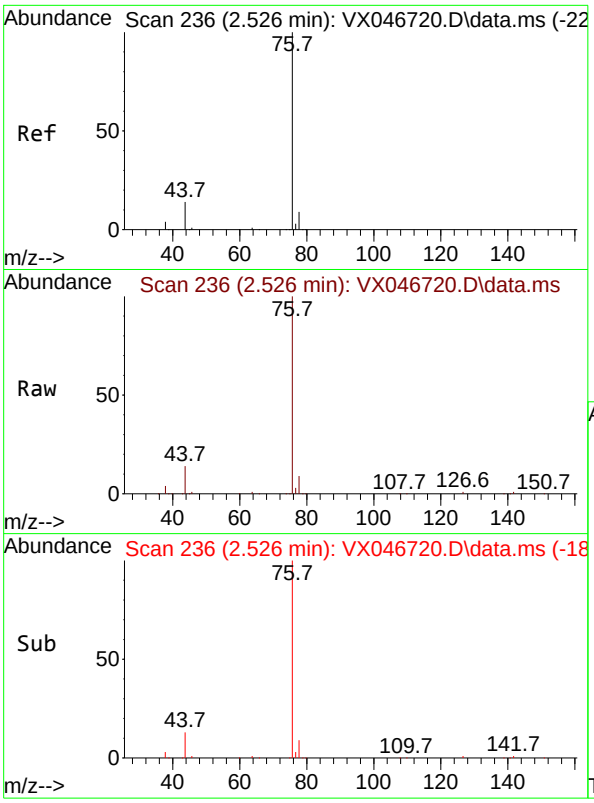


#16
Acetone
Concen: 238.356 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 43 Resp: 135683

Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.5	36.7



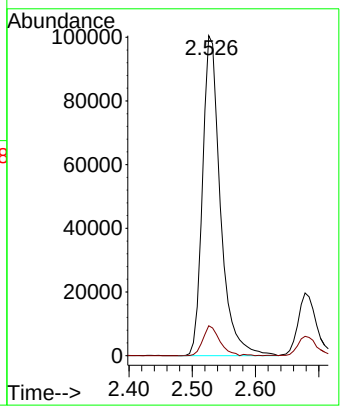


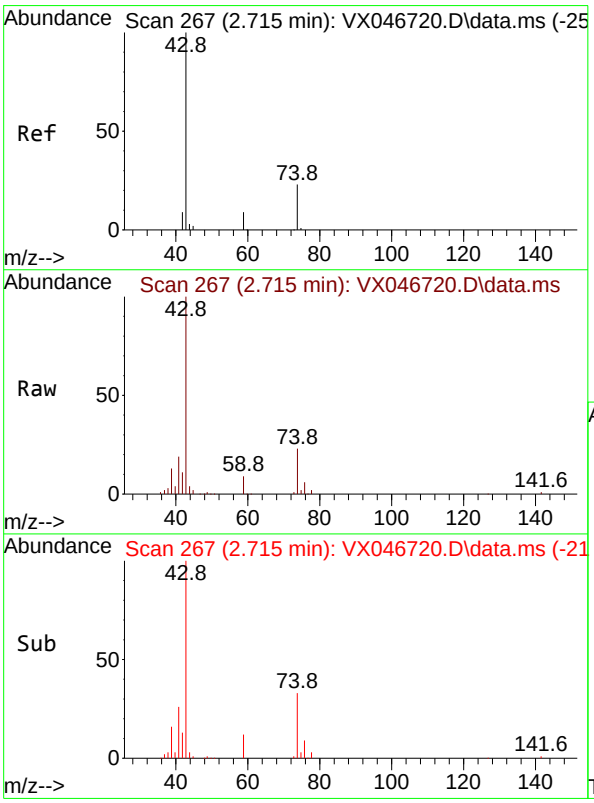
#17
Carbon Disulfide
Concen: 47.941 ug/l
RT: 2.526 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 197344

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

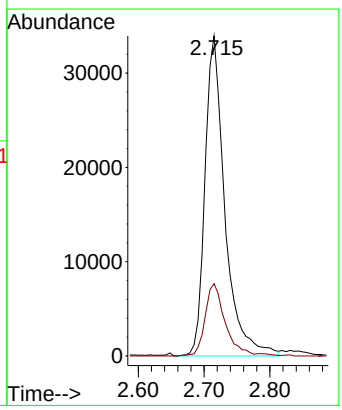


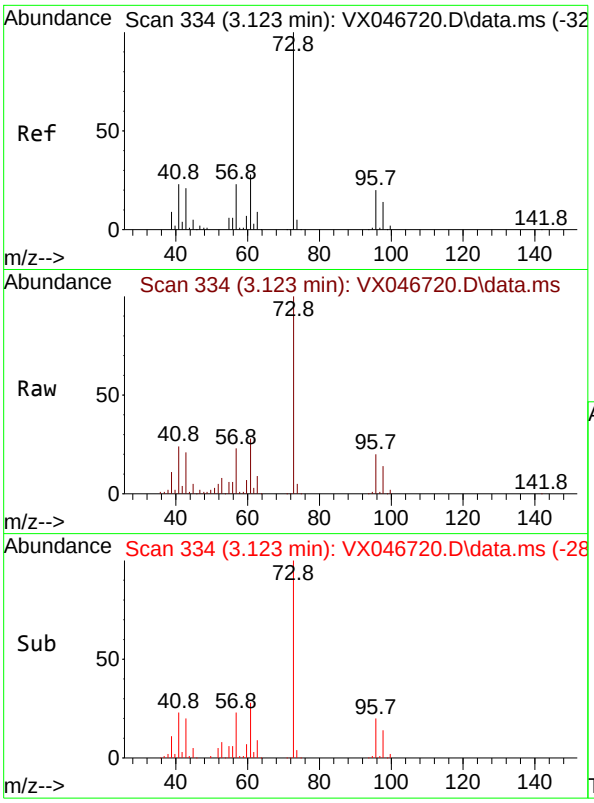


#18
Methyl Acetate
Concen: 49.582 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 43 Resp: 71685

Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.4	27.6



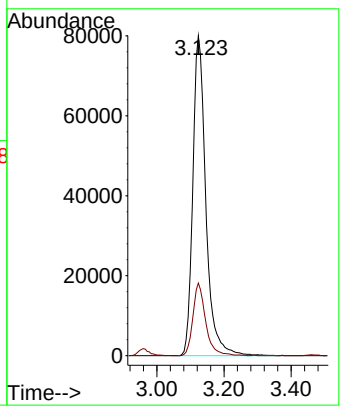


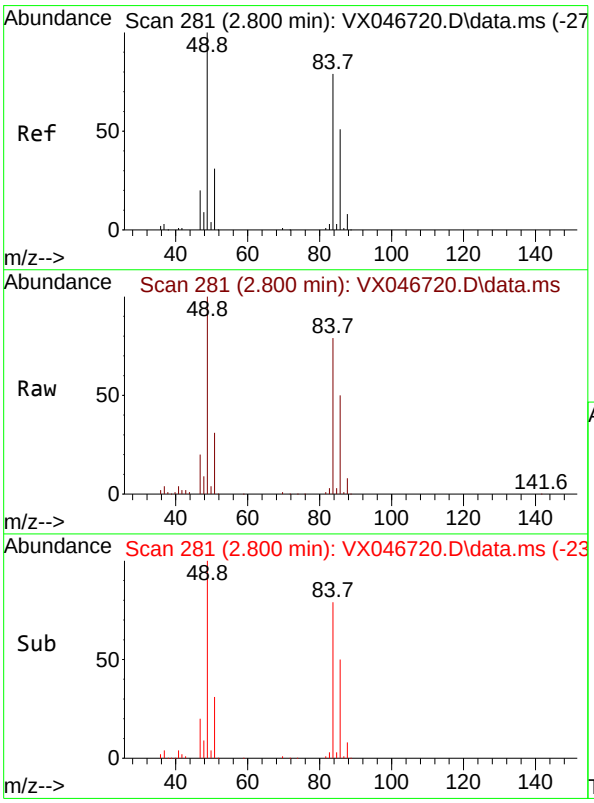
#19
Methyl tert-butyl Ether
Concen: 50.953 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 216266

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.2	27.2

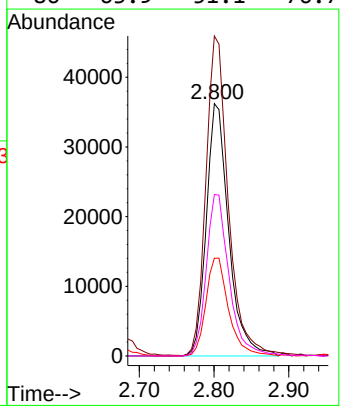


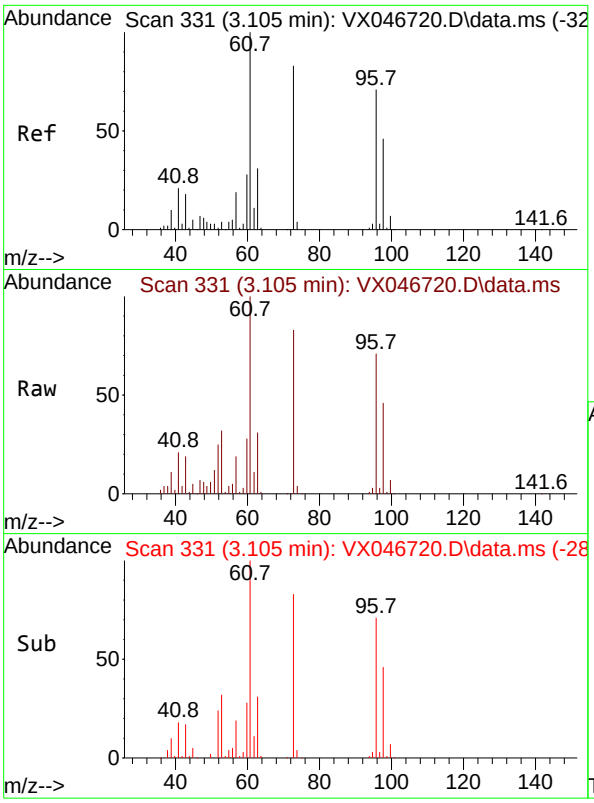


#20
Methylene Chloride
Concen: 47.576 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 84 Resp: 75315

Ion	Ratio	Lower	Upper
84	100		
49	126.6	101.3	151.9
51	38.8	31.0	46.6
86	63.9	51.1	76.7



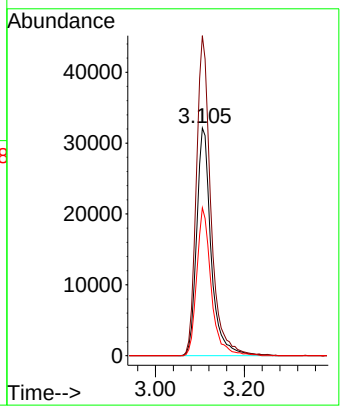


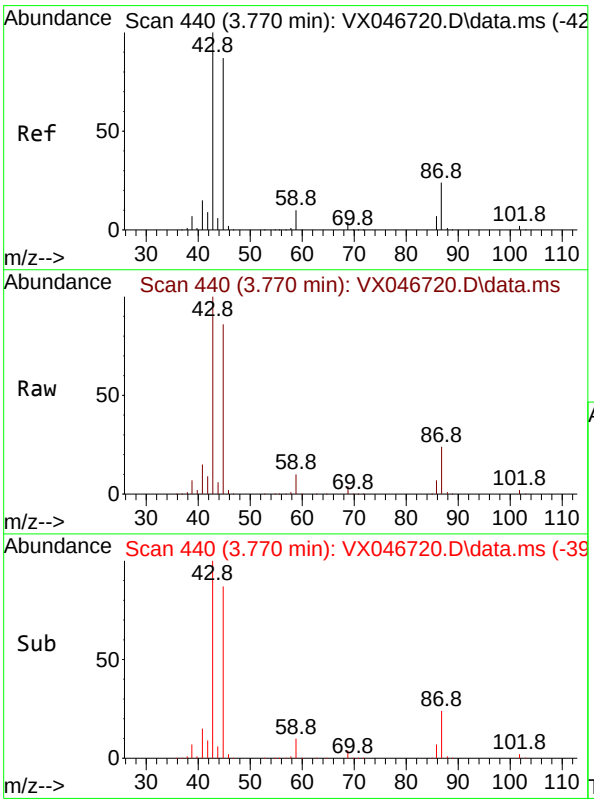
#21
trans-1,2-Dichloroethene
Concen: 49.807 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 72648

Ion	Ratio	Lower	Upper
96	100		
61	140.6	112.5	168.7
98	64.9	51.9	77.9

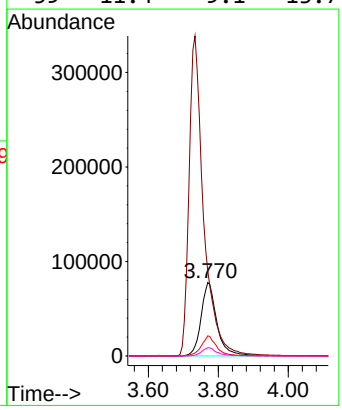


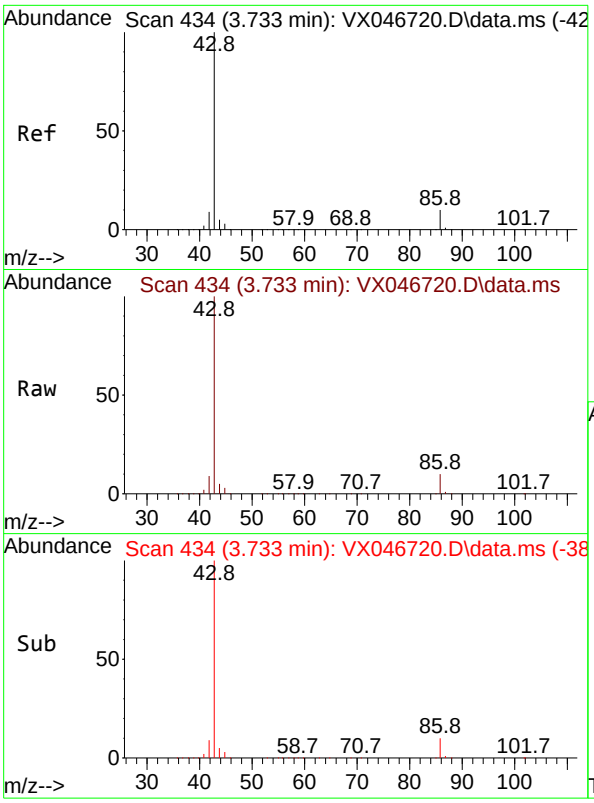


#22
Diisopropyl ether
Concen: 51.143 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 45 Resp: 242789

Ion	Ratio	Lower	Upper
45	100		
43	114.9	91.9	137.9
87	27.5	22.0	33.0
59	11.4	9.1	13.7



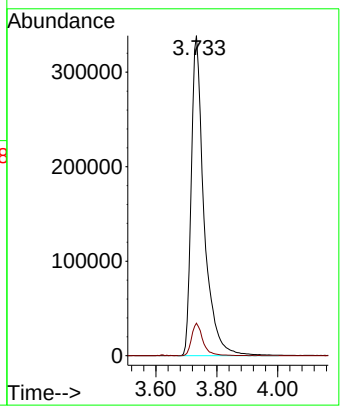


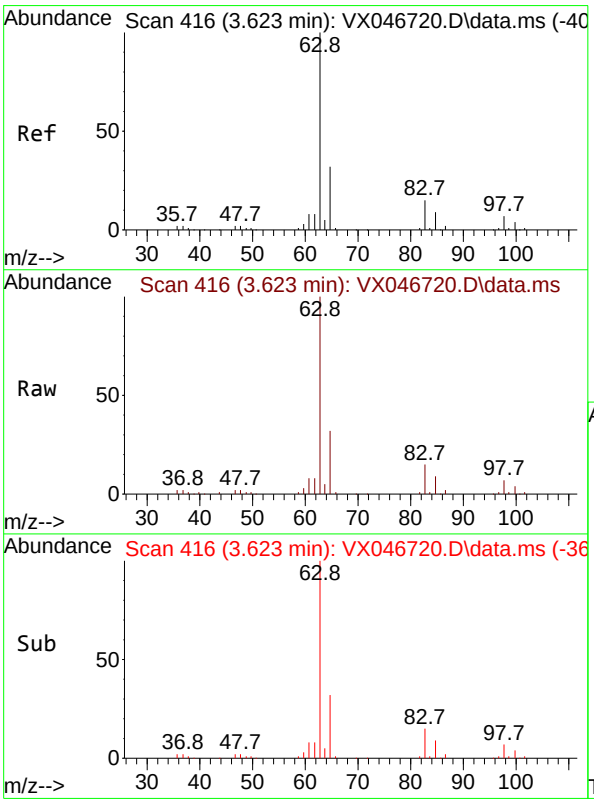
#23
Vinyl Acetate
Concen: 260.935 ug/l
RT: 3.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 985040

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

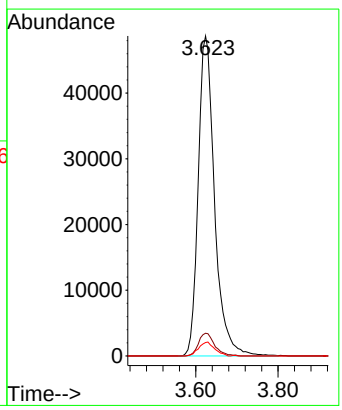


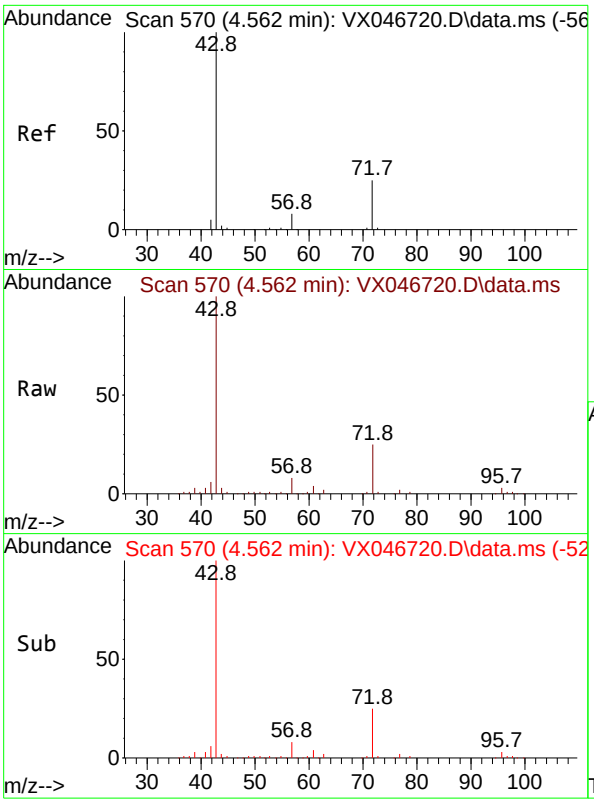


#24
1,1-Dichloroethane
Concen: 49.835 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 63 Resp: 134324

Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.0	11.9
100	4.4	2.2	6.6



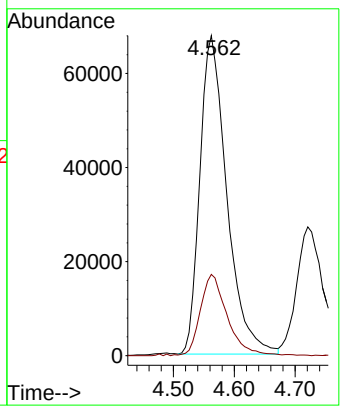


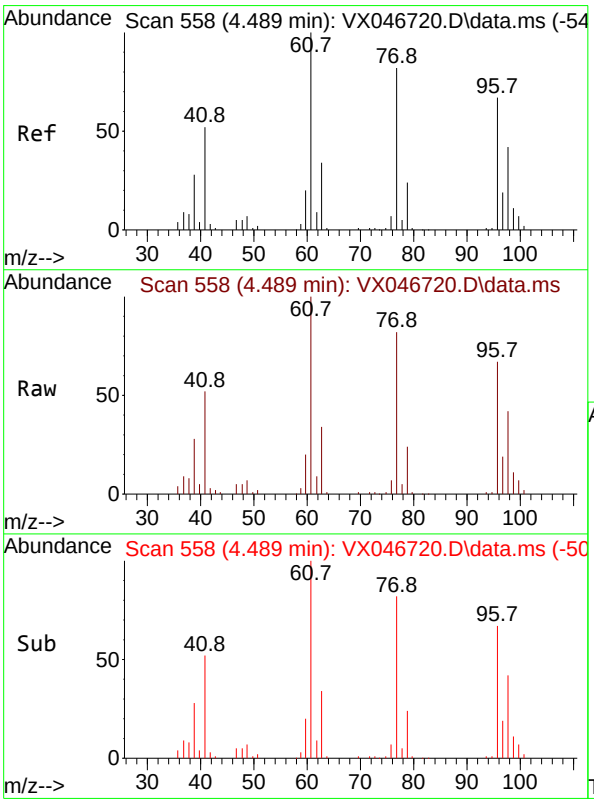
#25
2-Butanone
Concen: 258.788 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 208346

Ion	Ratio	Lower	Upper
43	100		
72	25.3	20.2	30.4

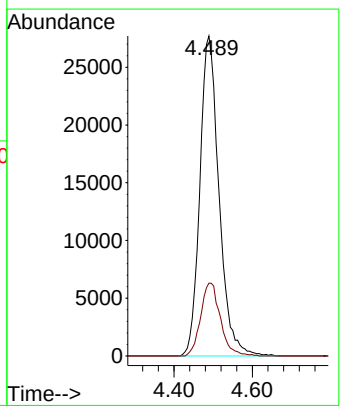


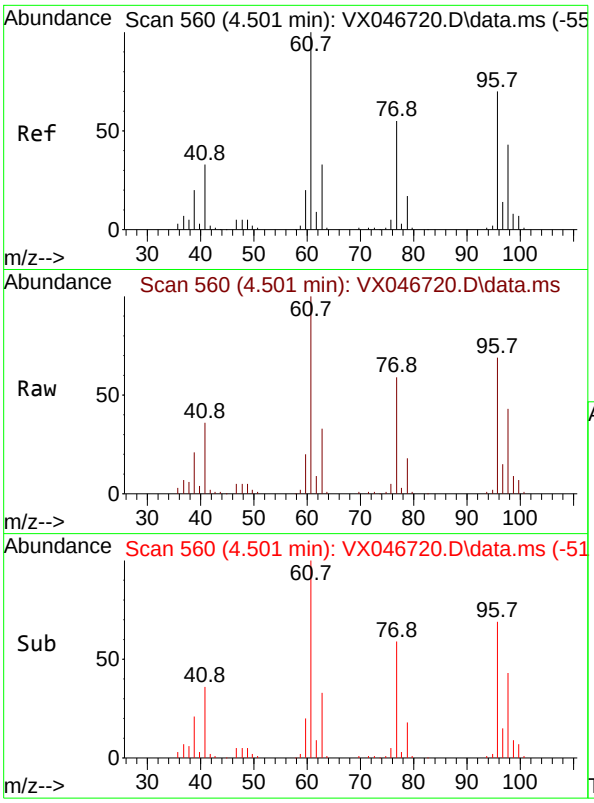


#26
2,2-Dichloropropane
Concen: 47.794 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 77 Resp: 93956

Ion	Ratio	Lower	Upper
77	100		
97	23.5	11.8	35.3



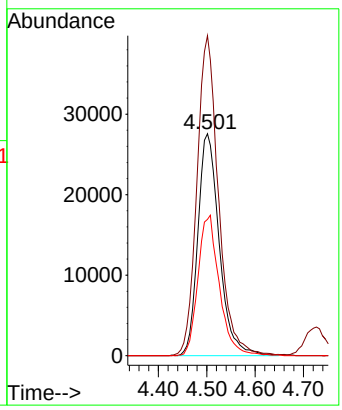


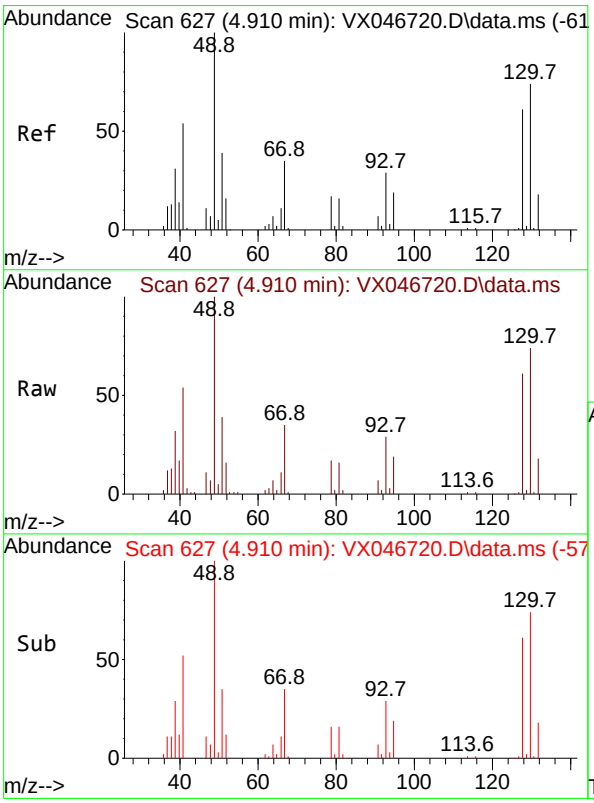
#27
cis-1,2-Dichloroethene
Concen: 49.392 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 84638

Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	291.0
98	63.4	0.0	126.8

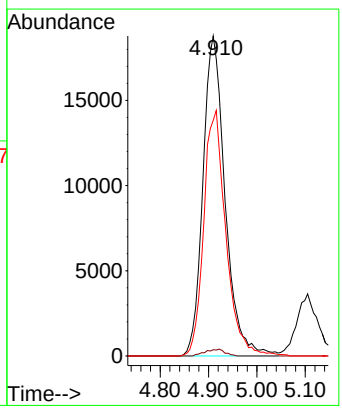


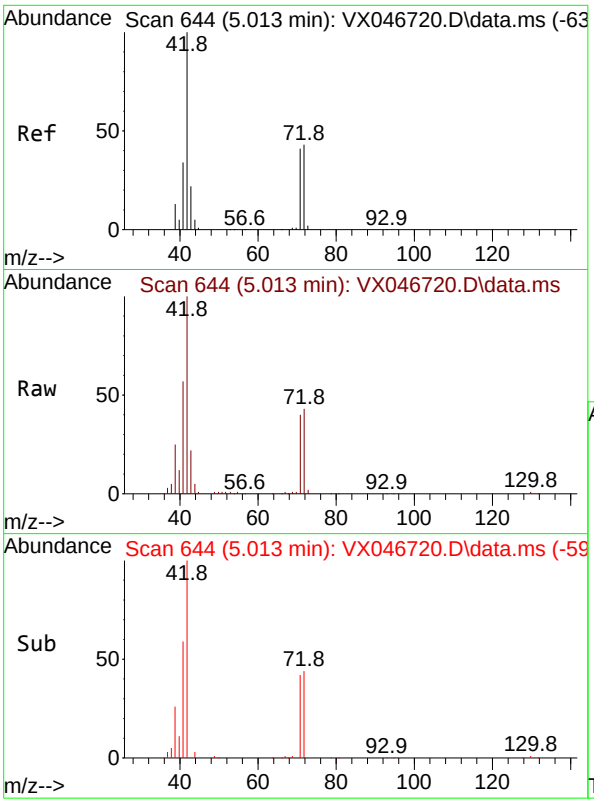


#28
Bromochloromethane
Concen: 48.984 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 49 Resp: 59857

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	76.7	61.4	92.0



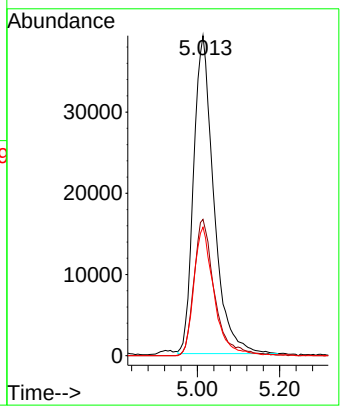


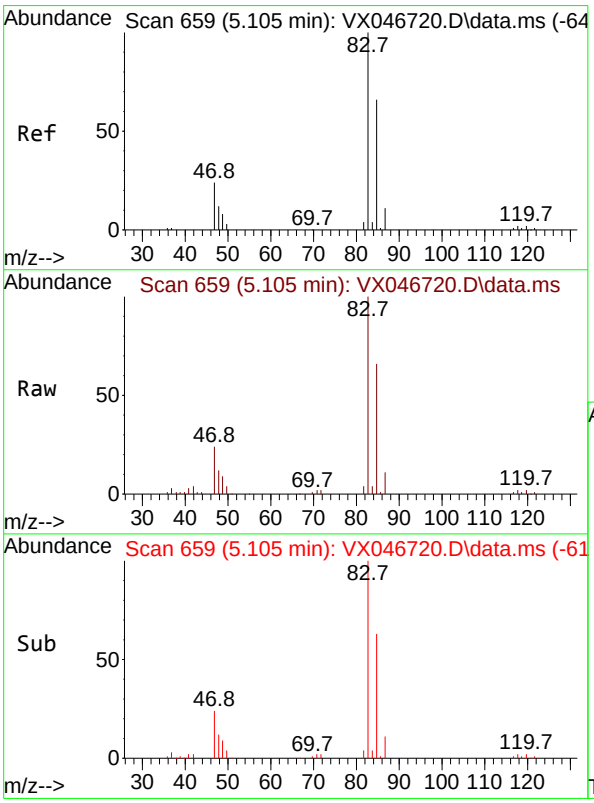
#29
Tetrahydrofuran
Concen: 256.831 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 133555

Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.9	52.3
71	40.2	32.2	48.2

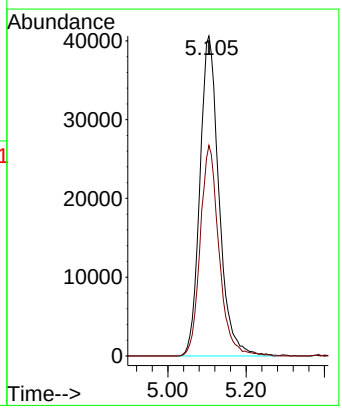


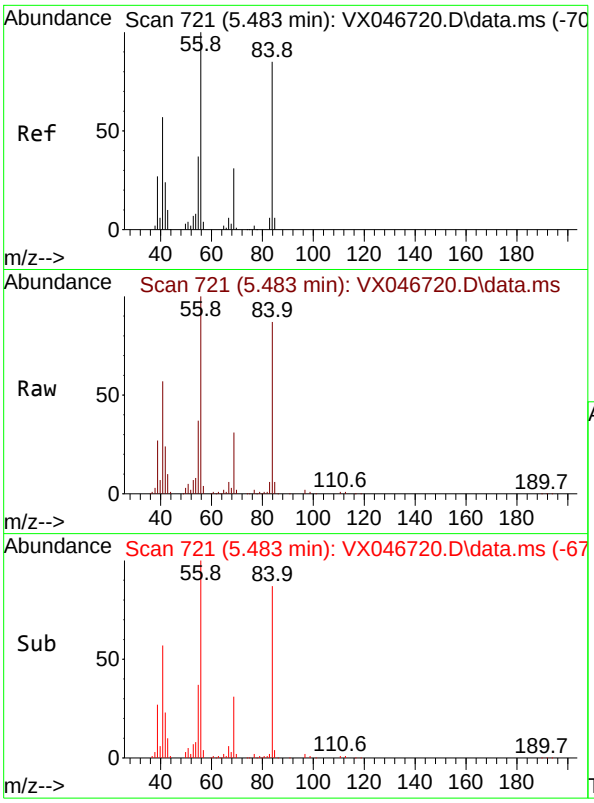


#30
Chloroform
Concen: 50.996 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 83 Resp: 137459

Ion	Ratio	Lower	Upper
83	100		
85	67.1	53.7	80.5



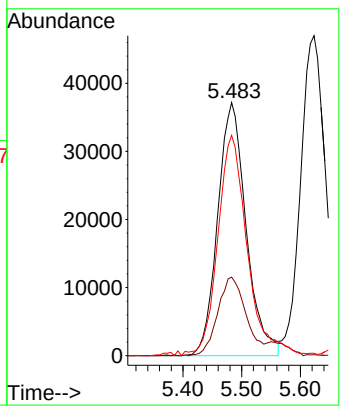


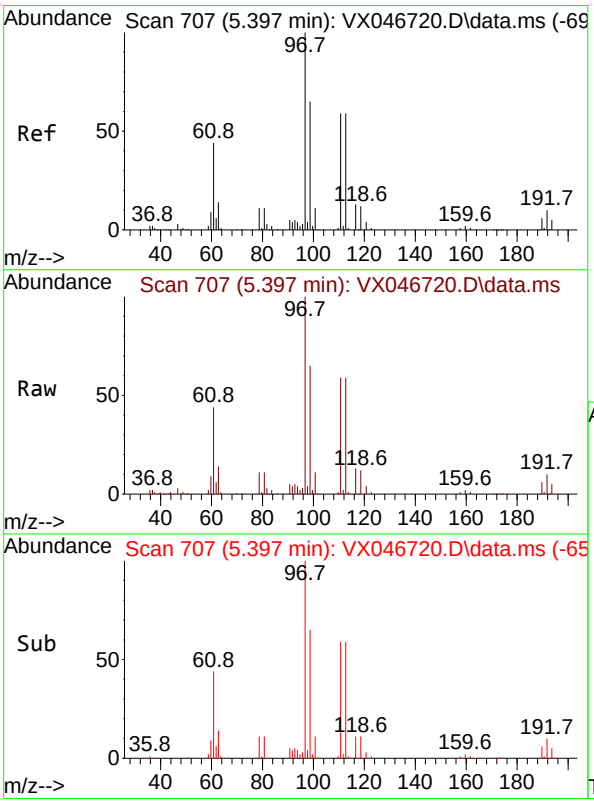
#31
Cyclohexane
Concen: 48.909 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 125014

Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.8	37.2
84	85.2	68.2	102.2

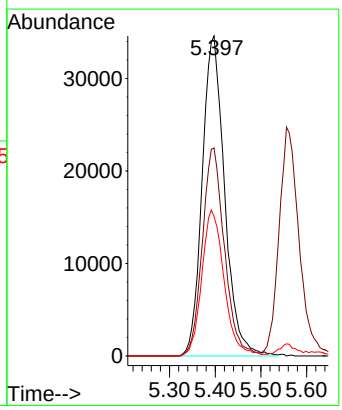


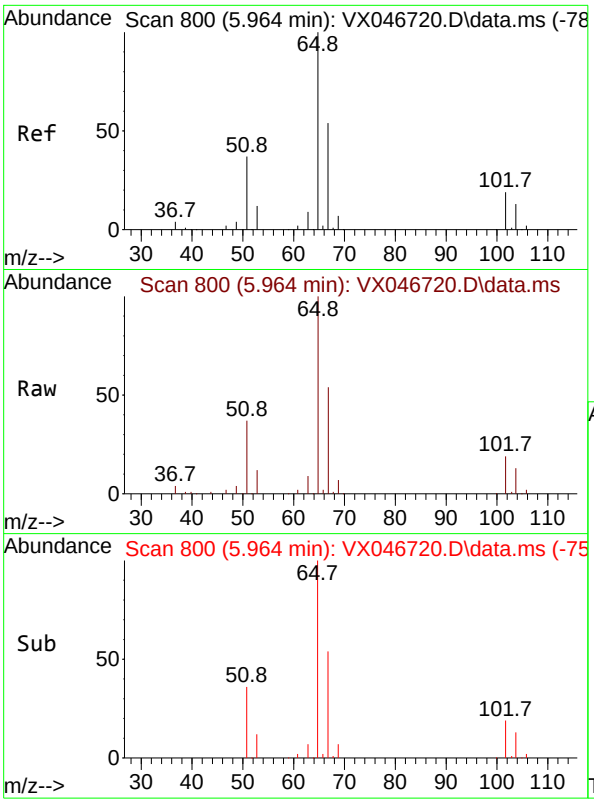


#32
1,1,1-Trichloroethane
Concen: 49.895 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 97 Resp: 117954

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	45.5	36.4	54.6



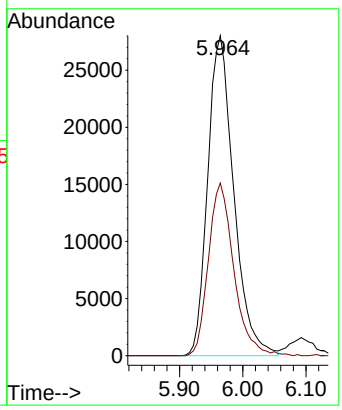


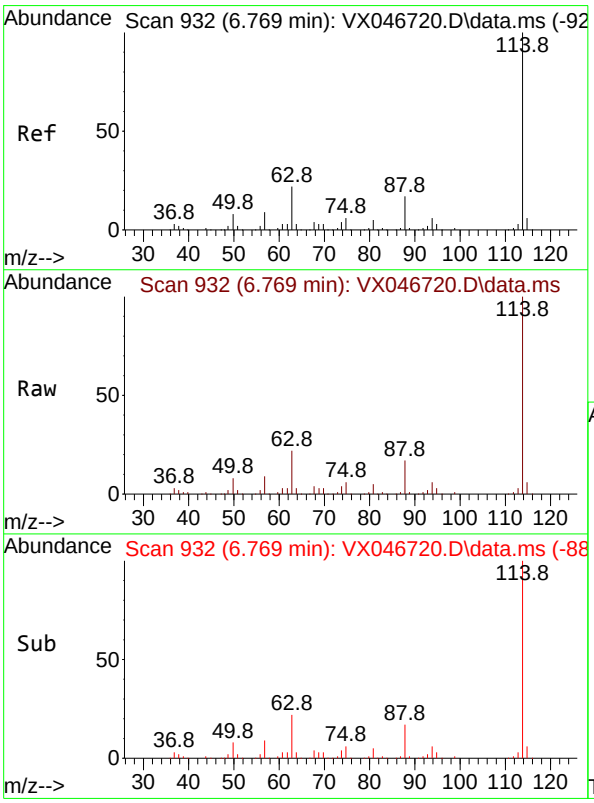
#33
1,2-Dichloroethane-d4
Concen: 46.944 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 80133

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4

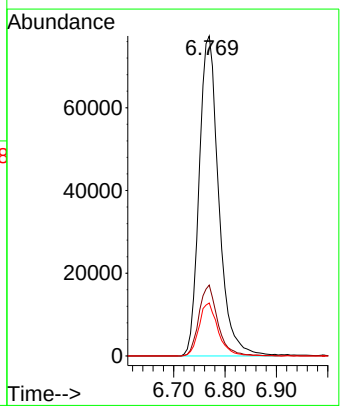


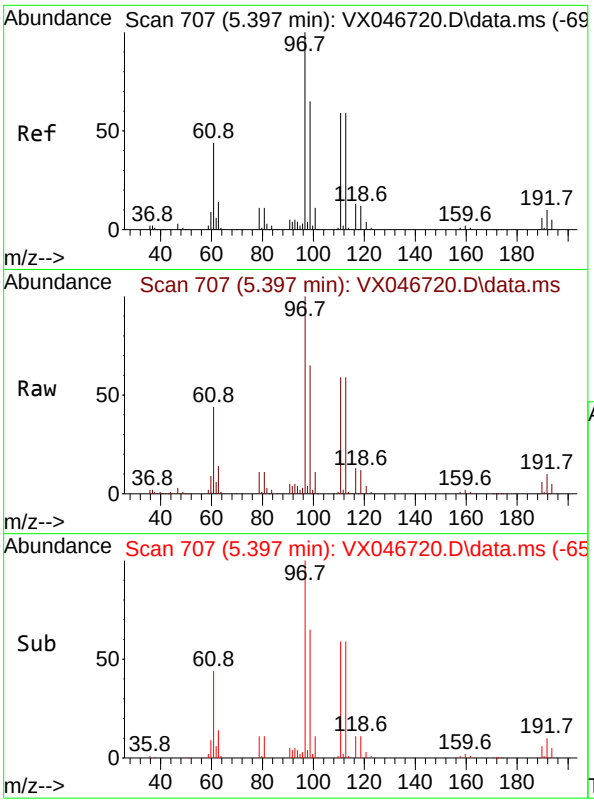


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:114 Resp: 204400

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.2
88	16.6	0.0	33.2



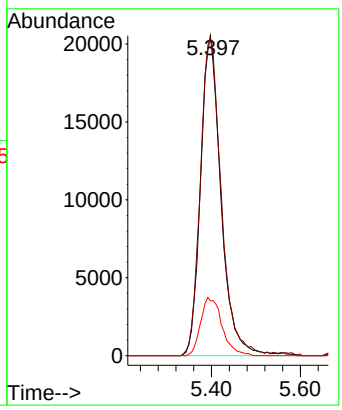


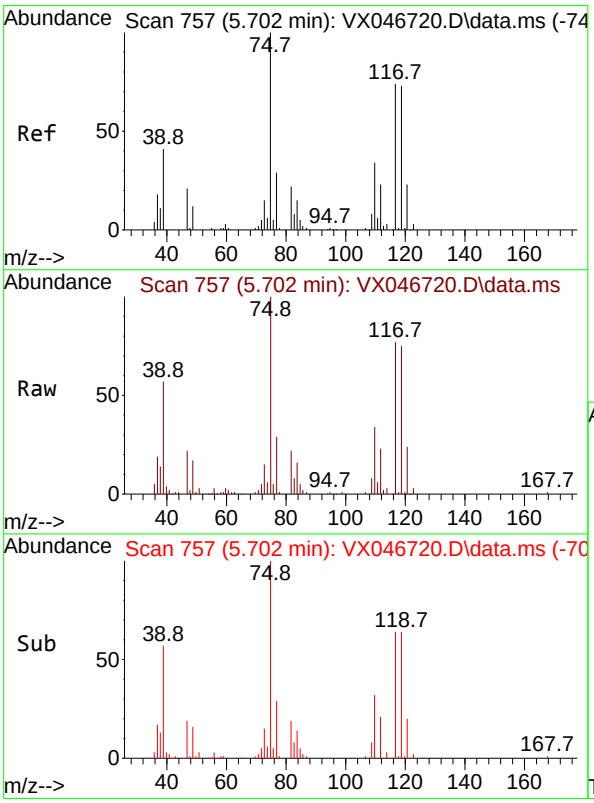
#35
Dibromofluoromethane
Concen: 48.394 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 65447

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	19.1	15.3	22.9

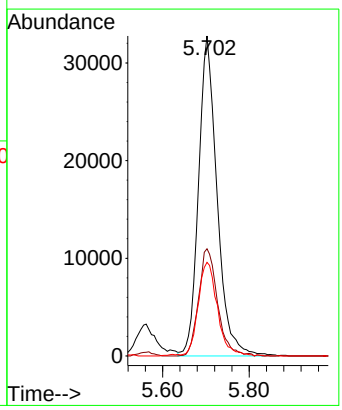


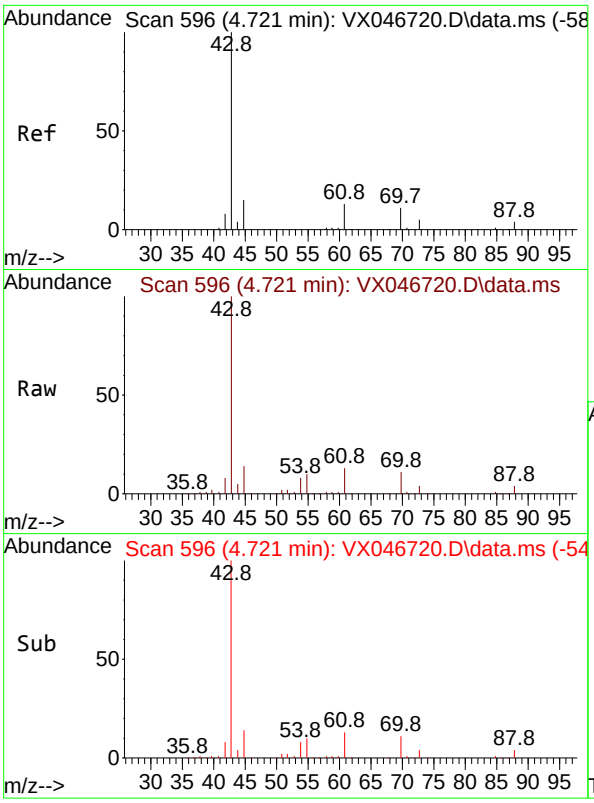


#36
1,1-Dichloropropene
Concen: 49.899 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 75 Resp: 97413

Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.2	51.5
77	30.3	24.2	36.4



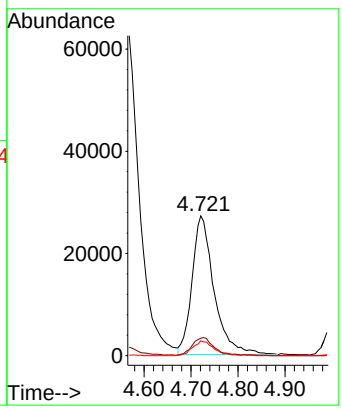


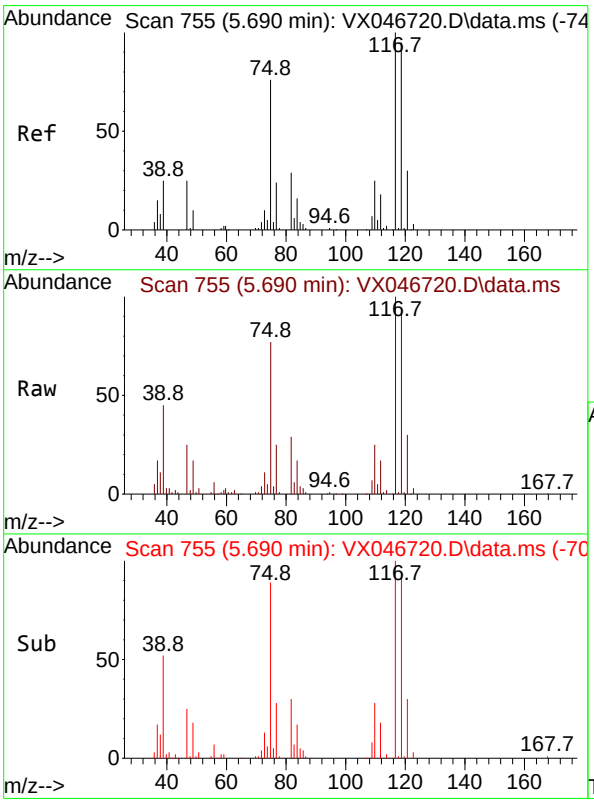
#37
Ethyl Acetate
Concen: 48.877 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 88076

Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.7	14.5
70	10.1	8.1	12.1

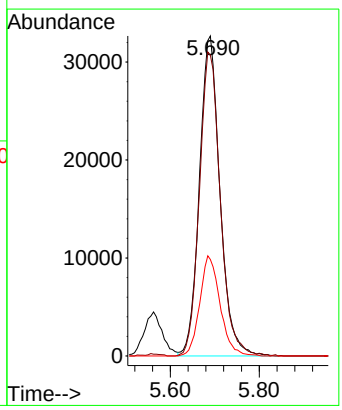


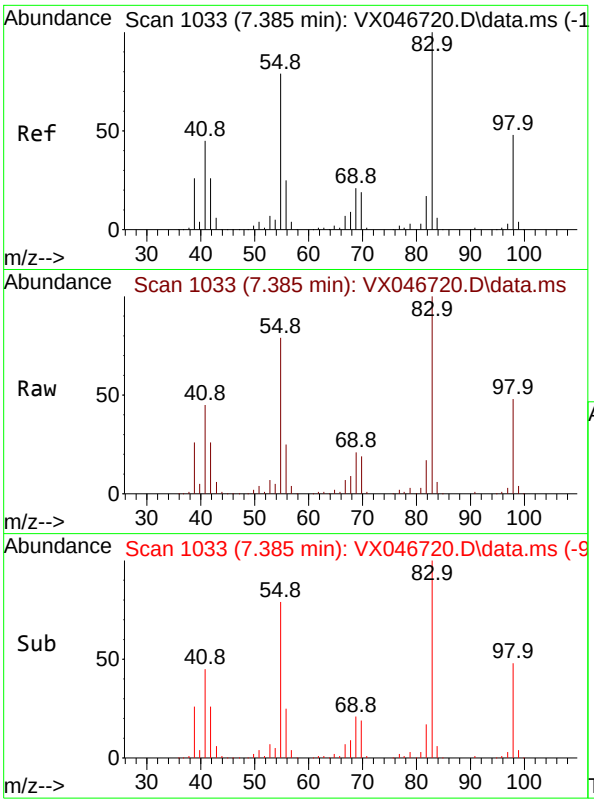


#38
Carbon Tetrachloride
Concen: 49.656 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:117 Resp: 105202

Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.2	112.8
121	30.1	24.1	36.1



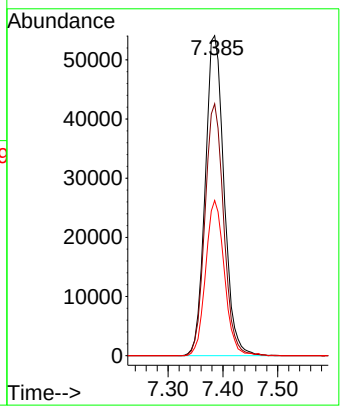


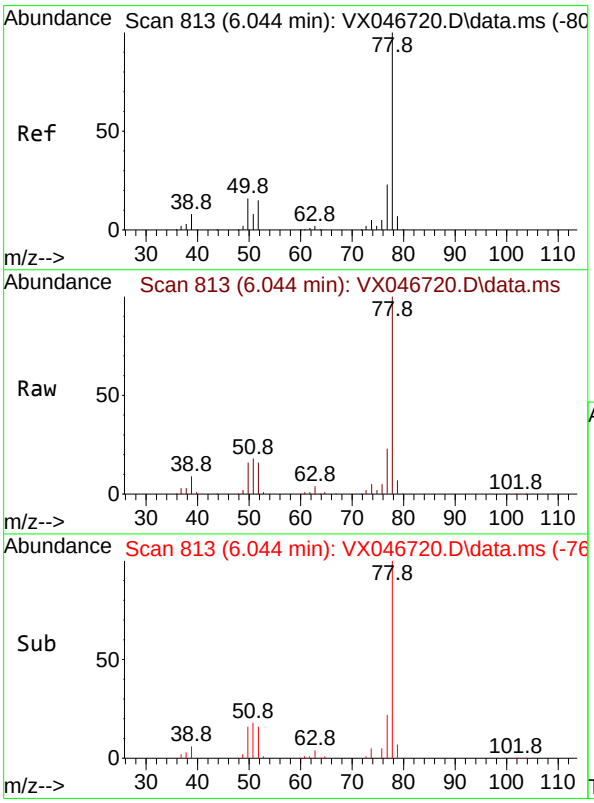
#39
Methylcyclohexane
Concen: 50.041 ug/l
RT: 7.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 128553

Ion	Ratio	Lower	Upper
83	100		
55	78.7	63.0	94.4
98	48.5	38.8	58.2

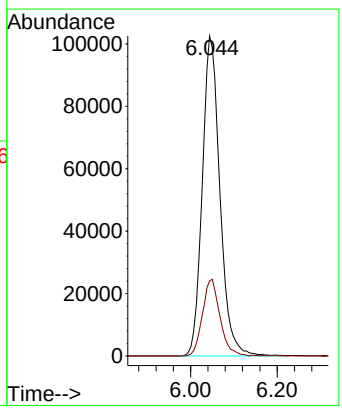


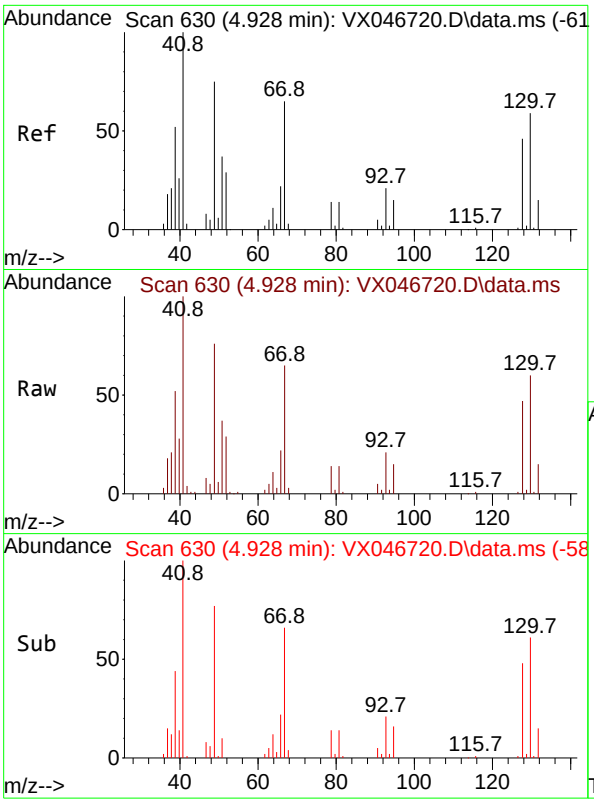


#40
Benzene
Concen: 50.146 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 78 Resp: 289724

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



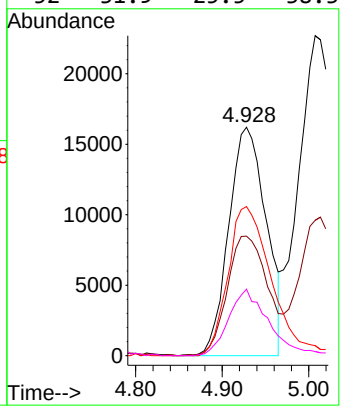


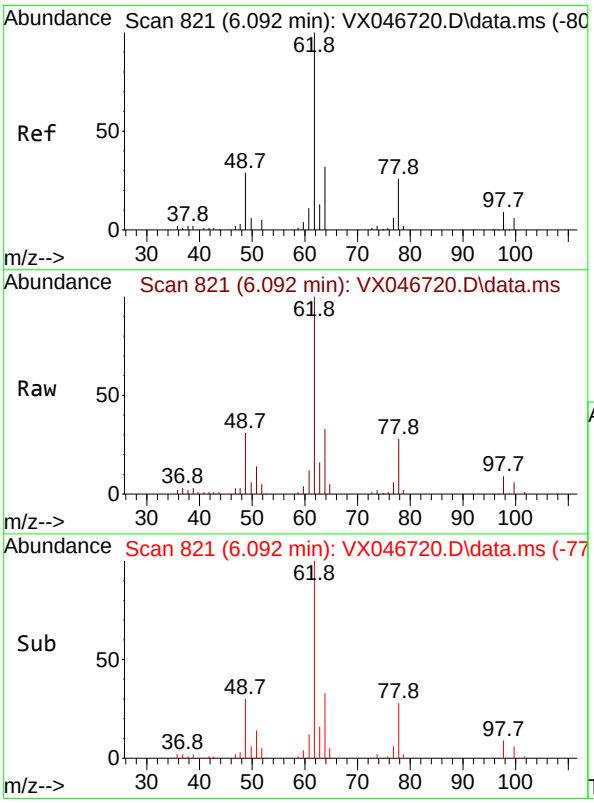
#41
Methacrylonitrile
Concen: 50.762 ug/l
RT: 4.928 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 48765

Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.9	68.9
67	76.5	61.2	91.8
52	31.9	25.5	38.3

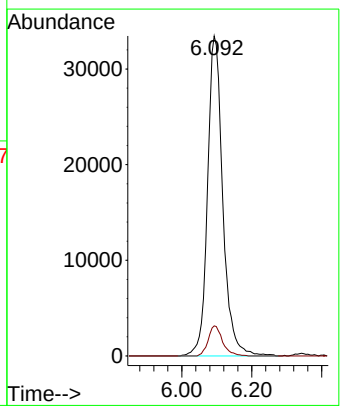


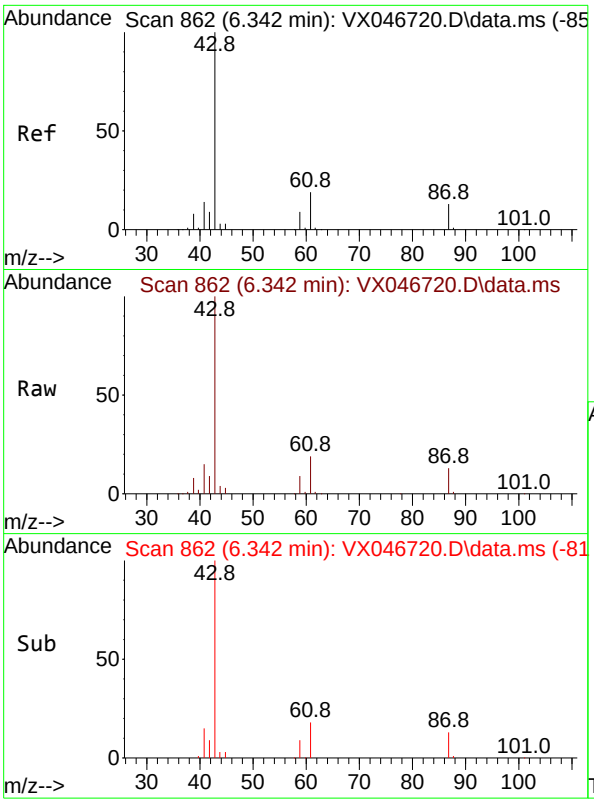


#42
1,2-Dichloroethane
Concen: 49.855 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 62 Resp: 101218

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



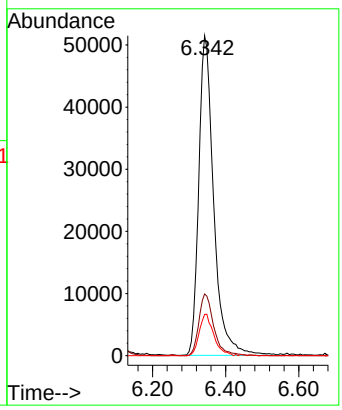


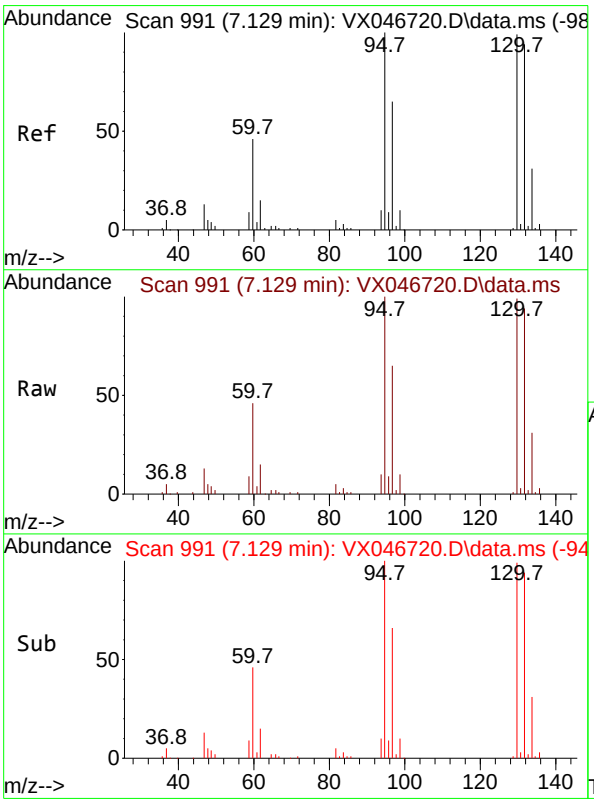
#43
Isopropyl Acetate
Concen: 51.911 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 146377

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.3	22.9
87	12.5	10.0	15.0

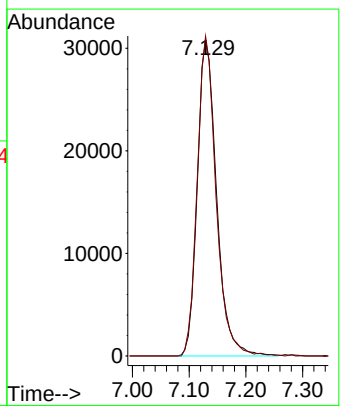


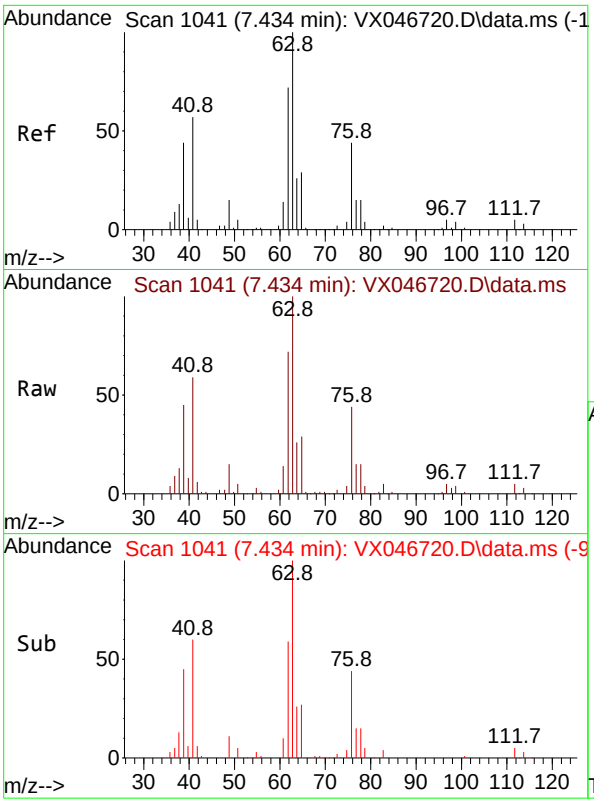


#44
Trichloroethene
Concen: 49.441 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:130 Resp: 72796

Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	202.6



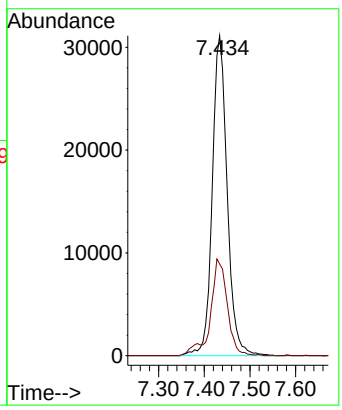


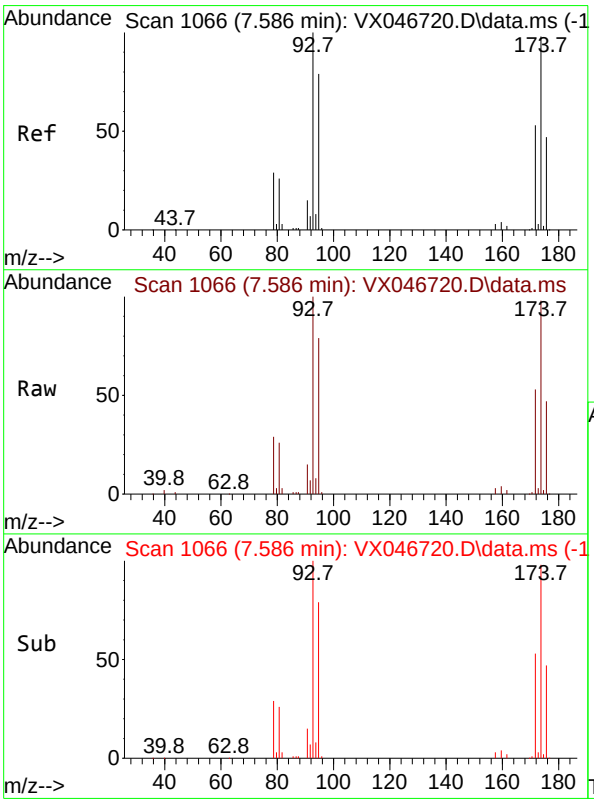
#45
1,2-Dichloropropane
Concen: 49.378 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 70702

Ion	Ratio	Lower	Upper
63	100		
65	28.6	22.9	34.3

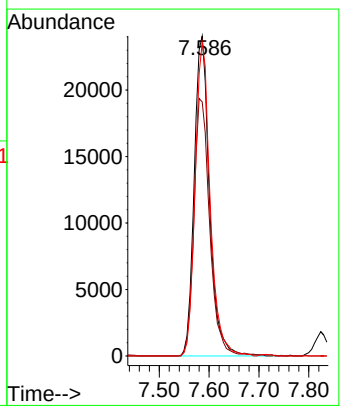


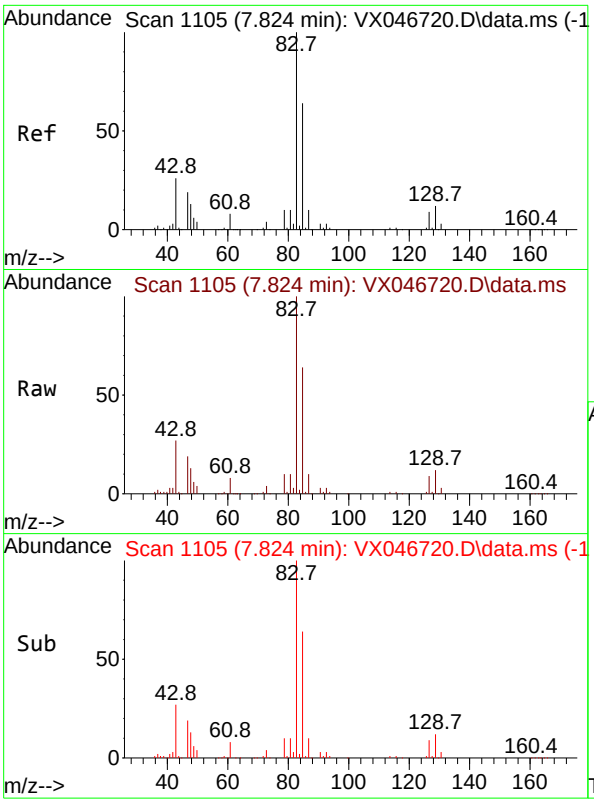


#46
Dibromomethane
Concen: 49.840 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 93 Resp: 51288

Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.2	99.4
174	96.3	77.0	115.6



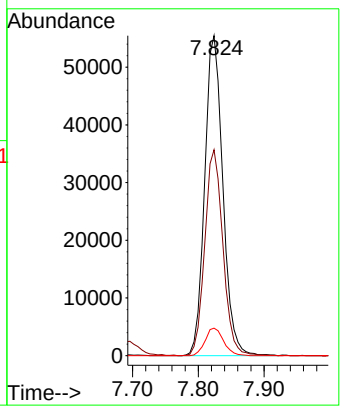


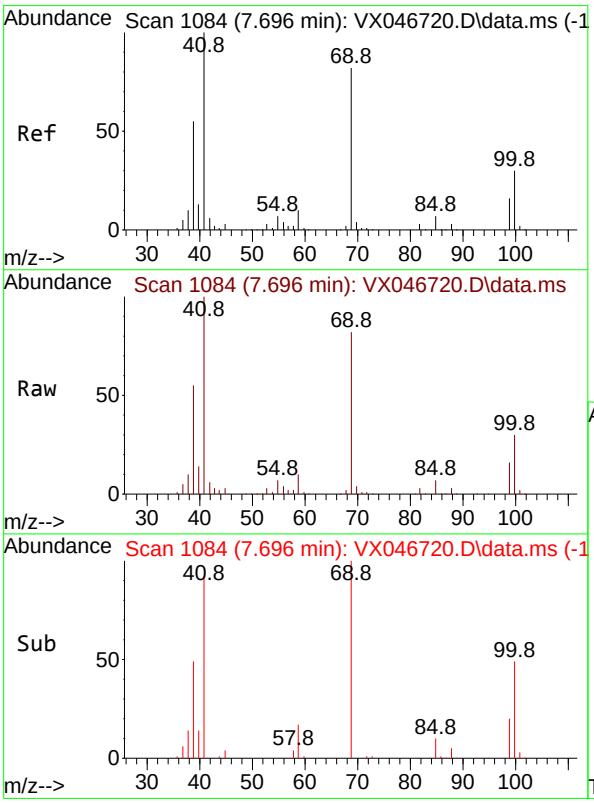
#47
Bromodichloromethane
Concen: 50.787 ug/l
RT: 7.824 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 106651

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2
127	8.6	6.9	10.3

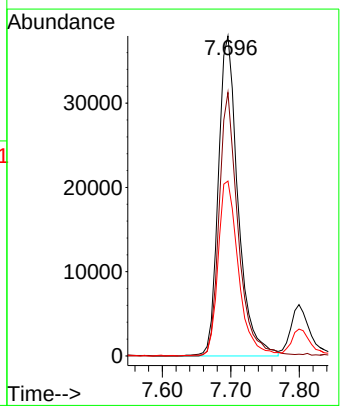


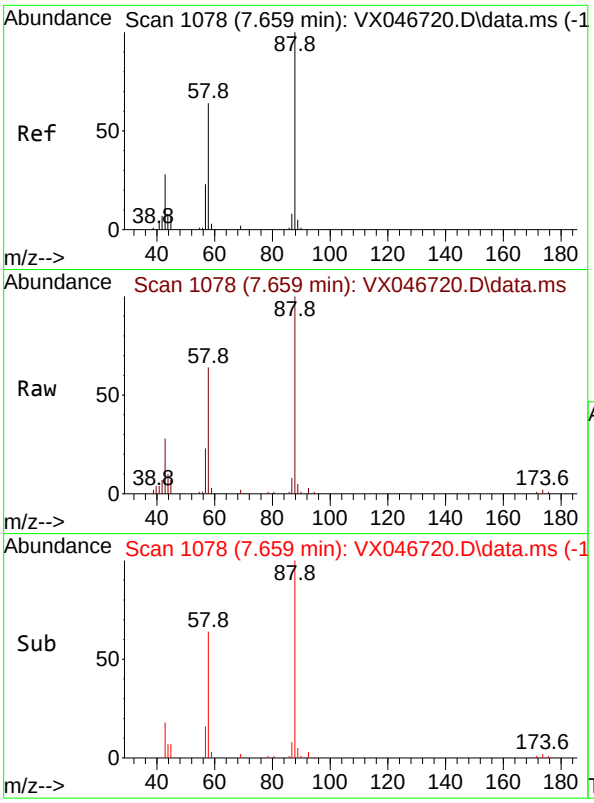


#48
Methyl methacrylate
Concen: 53.535 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 41 Resp: 75708

Ion	Ratio	Lower	Upper
41	100		
69	79.3	63.4	95.2
39	56.7	45.4	68.0



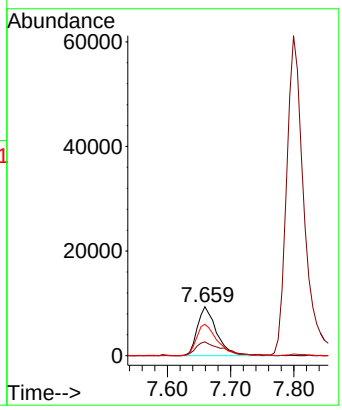


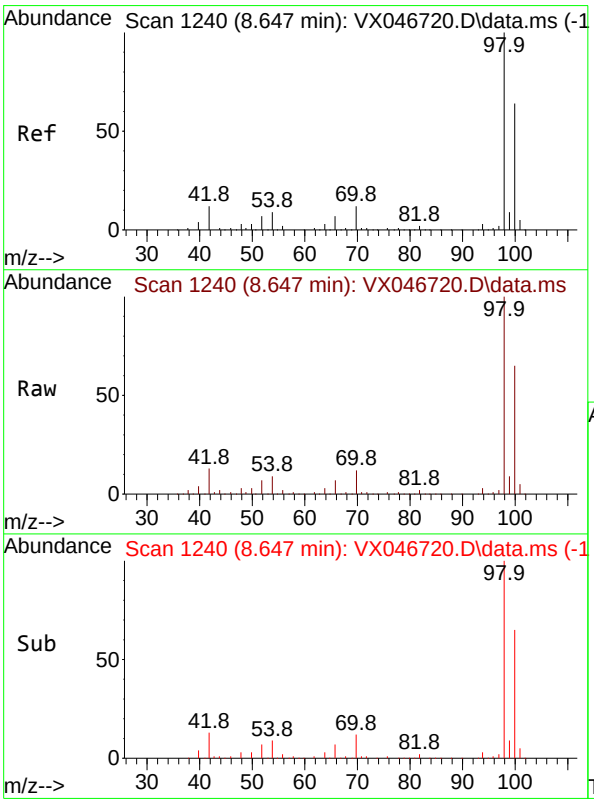
#49
1,4-Dioxane
Concen: 962.534 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 19802

Ion	Ratio	Lower	Upper
88	100		
43	39.0	31.2	46.8
58	68.4	54.7	82.1

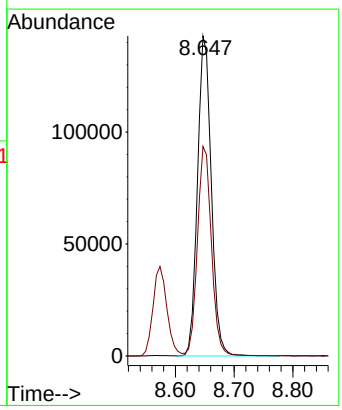


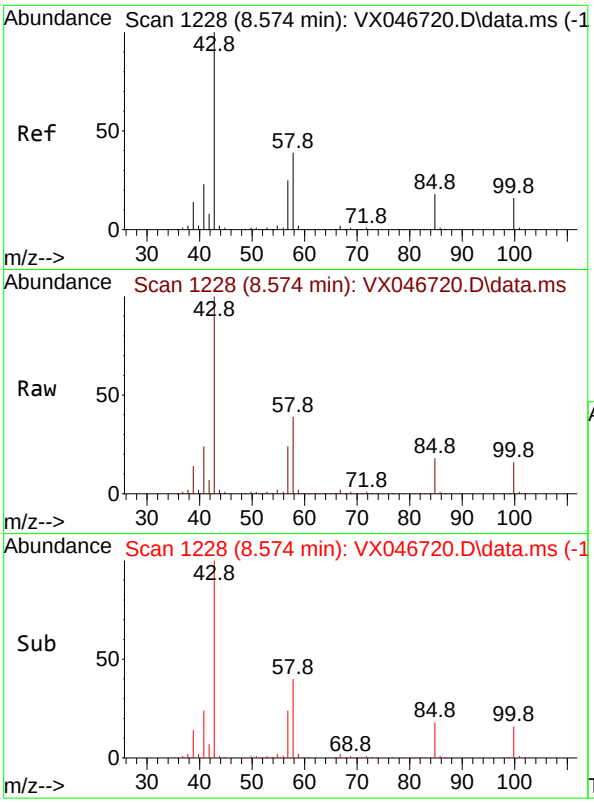


#50
Toluene-d8
Concen: 48.124 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 98 Resp: 233825

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



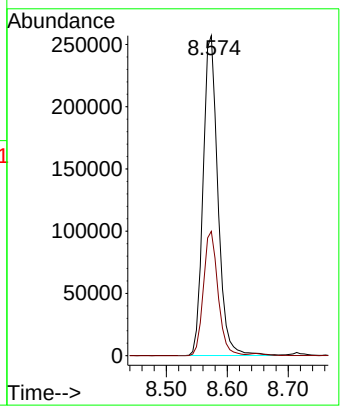


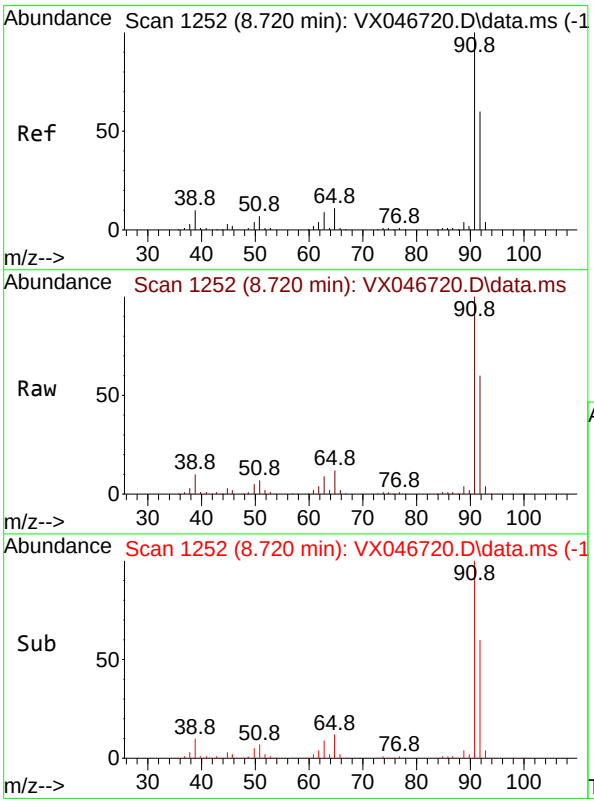
#51
4-Methyl-2-Pentanone
Concen: 258.656 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 435000

Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.8	46.2

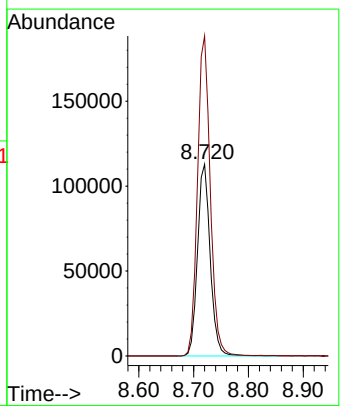


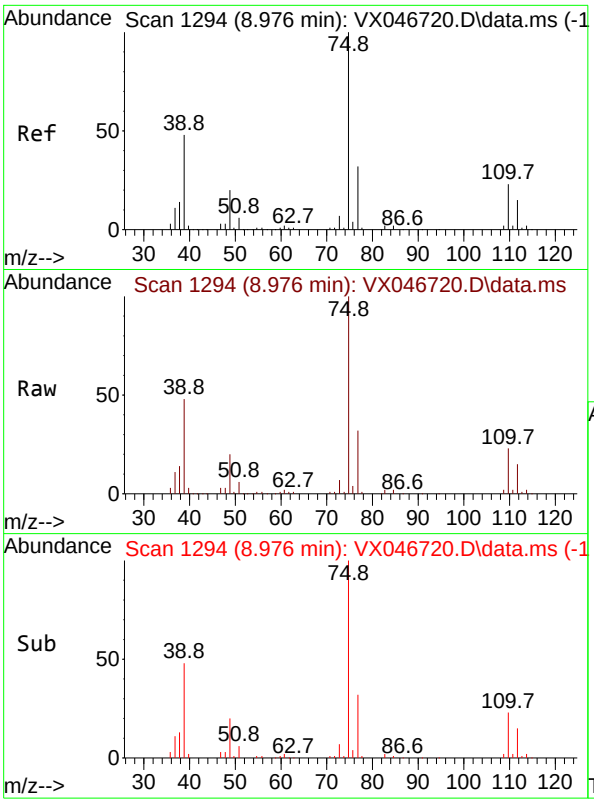


#52
Toluene
Concen: 50.650 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 92 Resp: 181414

Ion	Ratio	Lower	Upper
92	100		
91	168.5	134.8	202.2



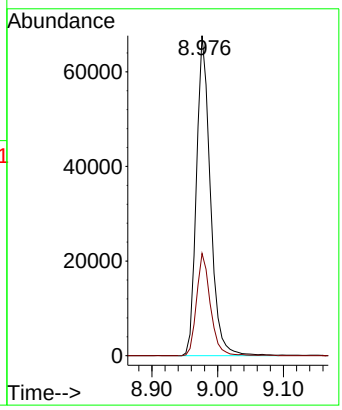


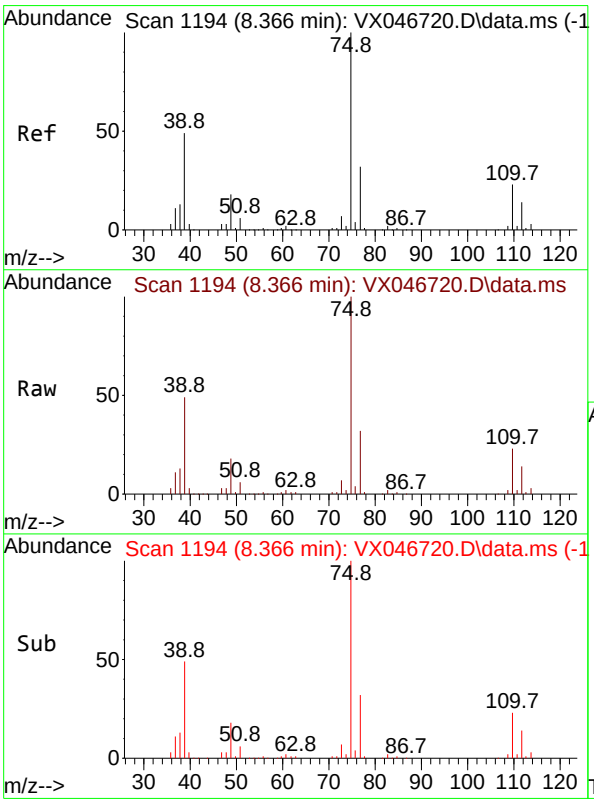
#53
t-1,3-Dichloropropene
Concen: 51.183 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 99727

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4

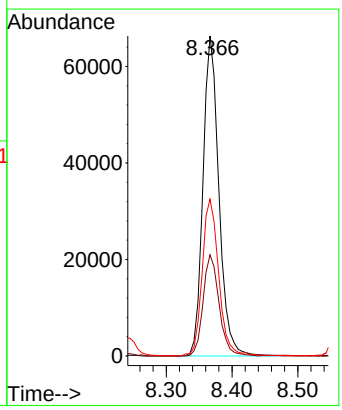


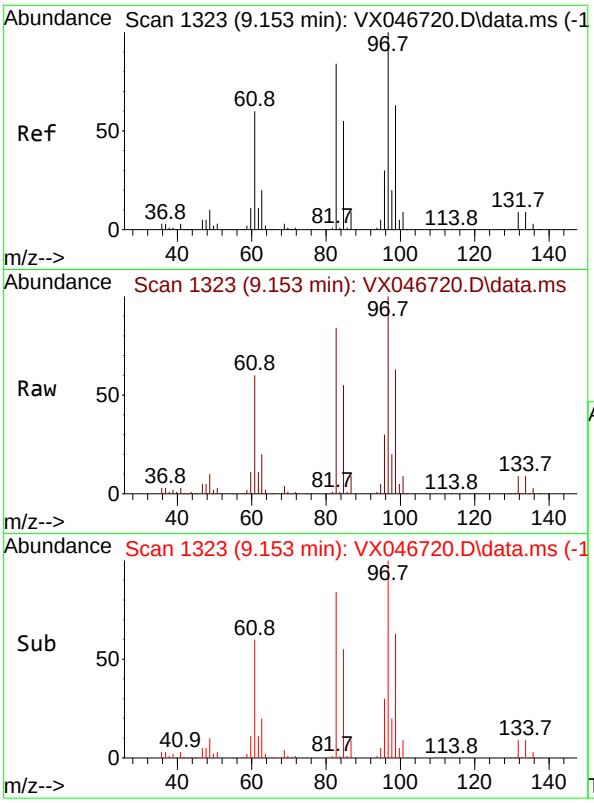


#54
cis-1,3-Dichloropropene
Concen: 50.598 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 75 Resp: 111917

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	49.0	39.2	58.8



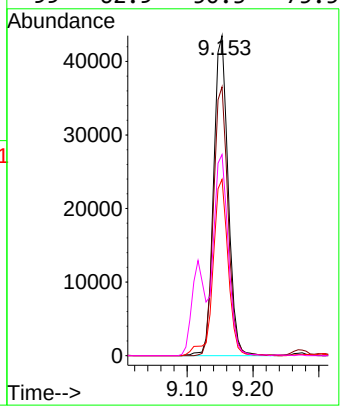


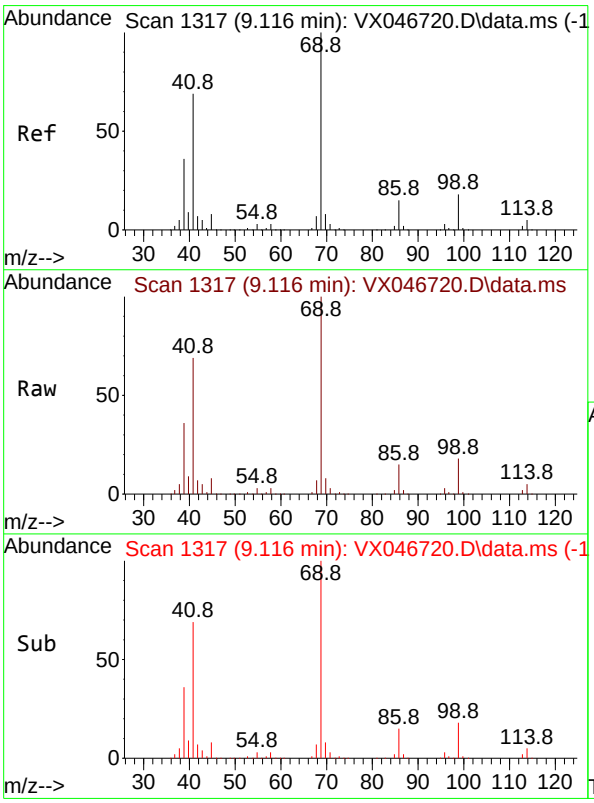
#55
1,1,2-Trichloroethane
Concen: 49.963 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 66688

Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.2	100.8
85	55.1	44.1	66.1
99	62.9	50.3	75.5

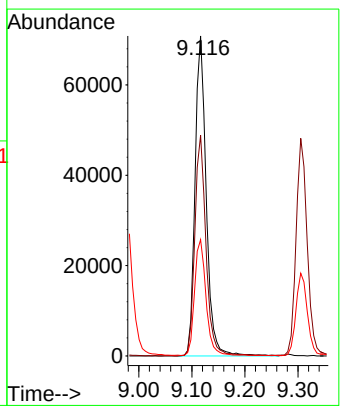


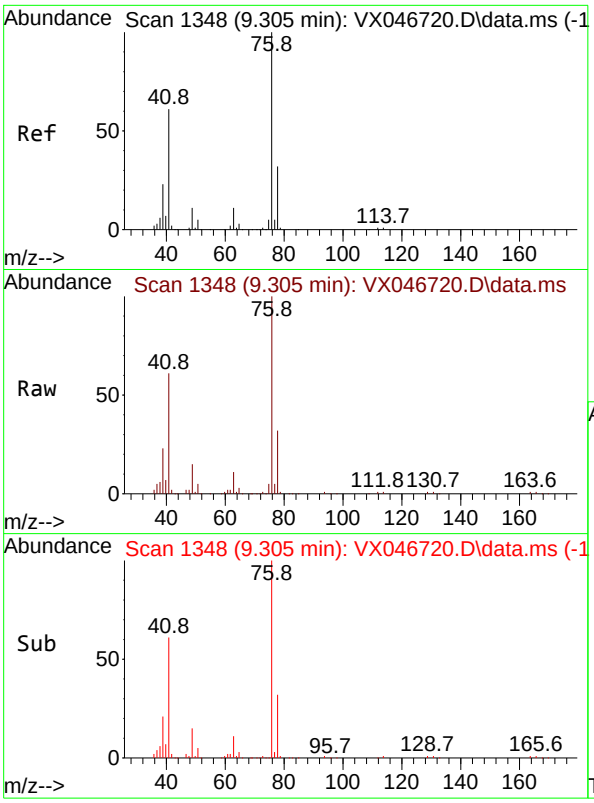


#56
Ethyl methacrylate
Concen: 52.629 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 69 Resp: 103697

Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	37.1	29.7	44.5



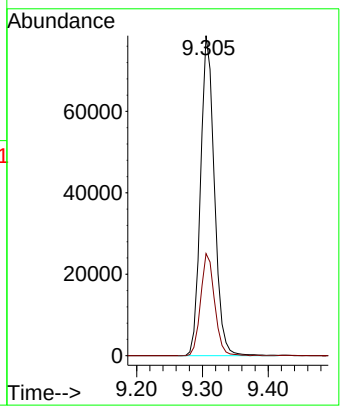


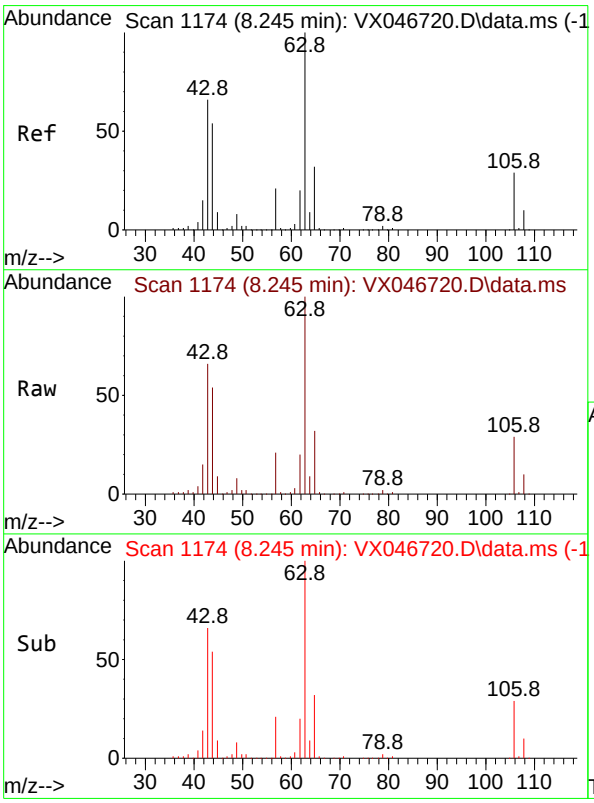
#57
1,3-Dichloropropane
Concen: 49.955 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 114824

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

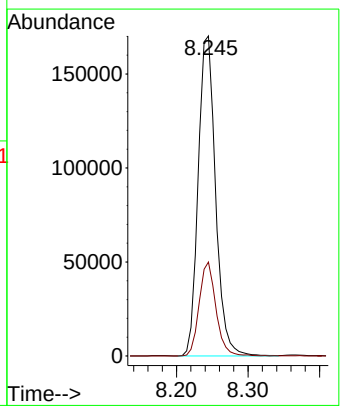


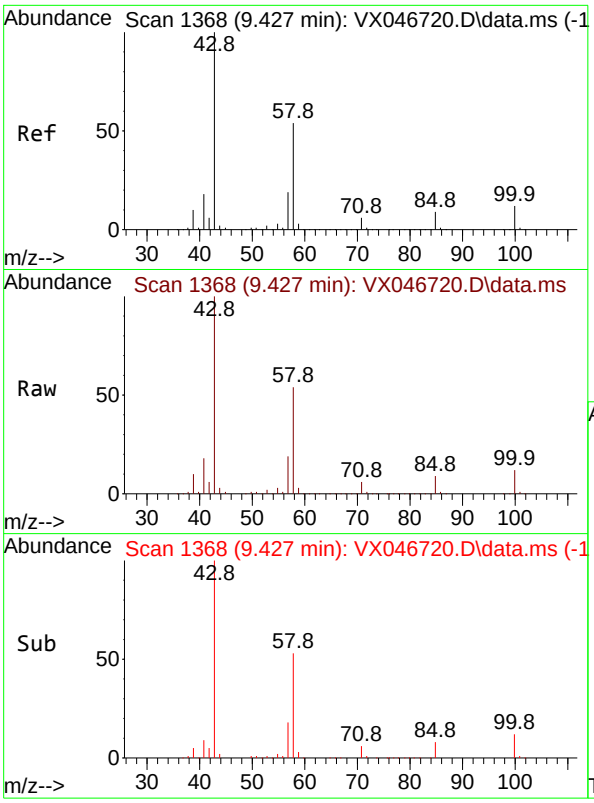


#58
2-Chloroethyl Vinyl ether
Concen: 280.927 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 63 Resp: 287531

Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.6	34.0



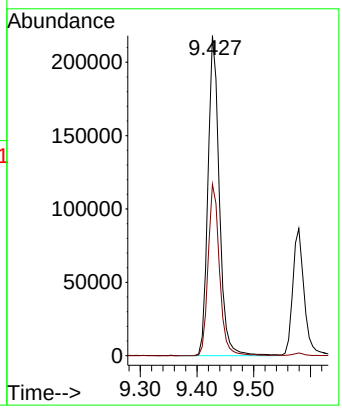


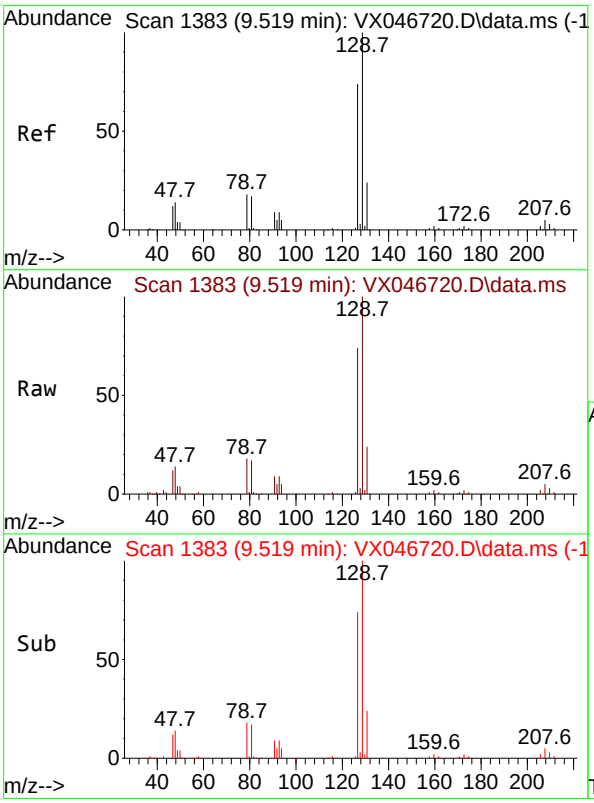
#59
2-Hexanone
Concen: 260.883 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 303322

Ion	Ratio	Lower	Upper
43	100		
58	53.6	26.8	80.4

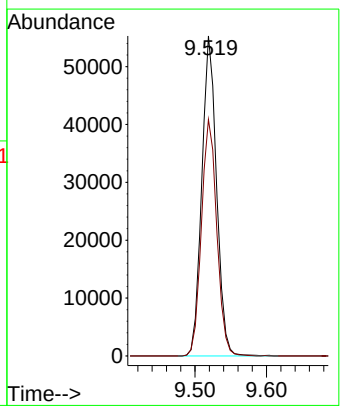


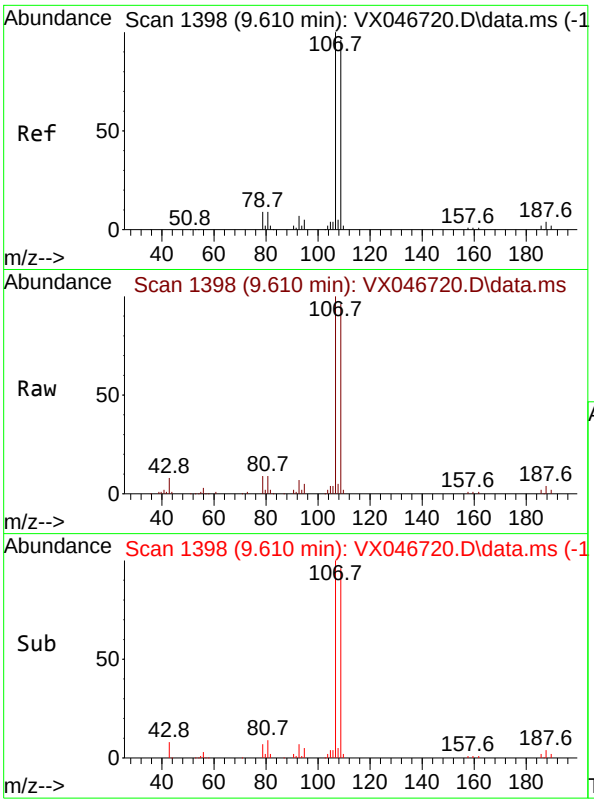


#60
Dibromochloromethane
Concen: 50.368 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:129 Resp: 79227

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2



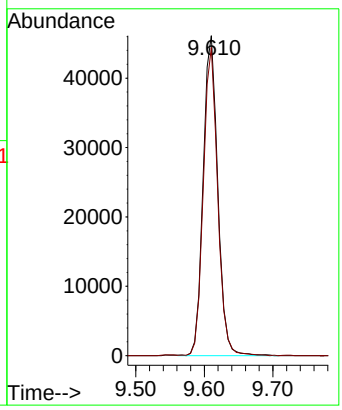


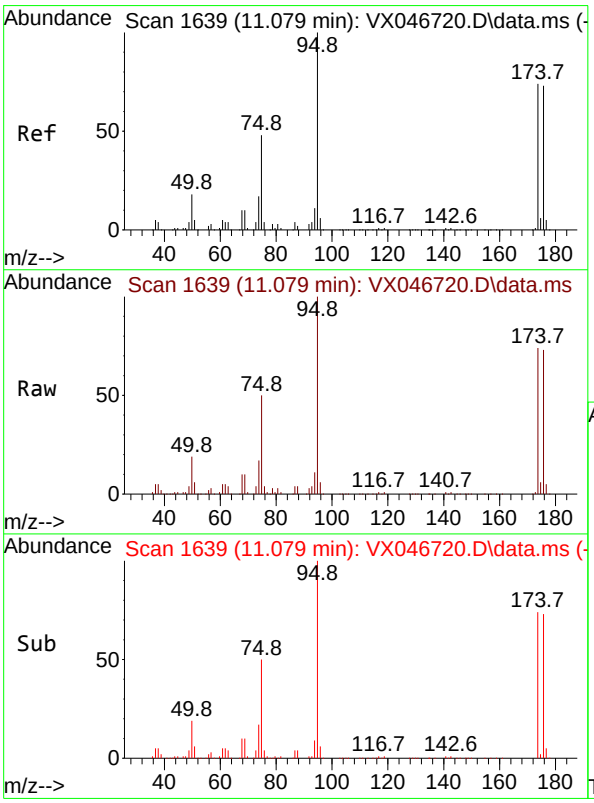
#61
1,2-Dibromoethane
Concen: 50.464 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 68515

Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.8	113.6

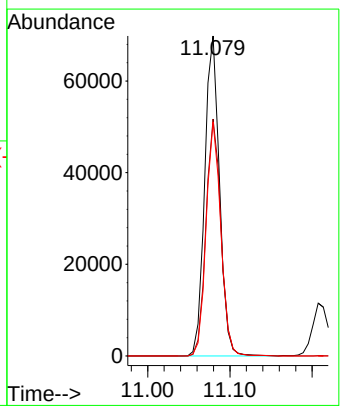


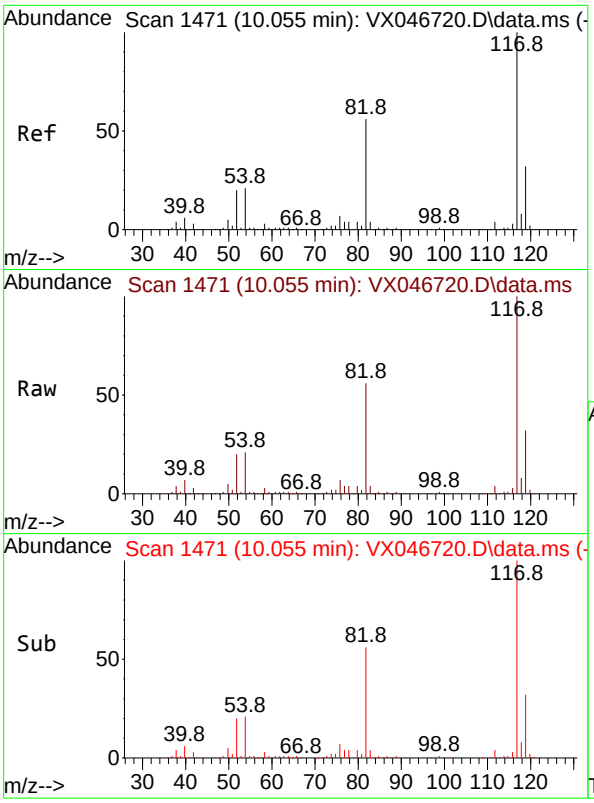


#62
4-Bromofluorobenzene
Concen: 48.107 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 95 Resp: 87131

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	150.4
176	72.5	0.0	145.0



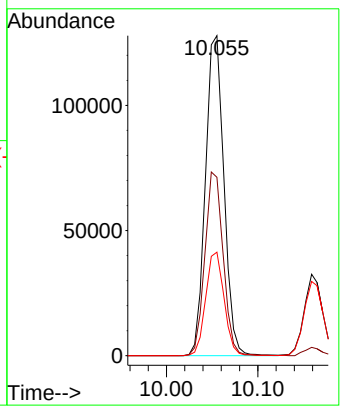


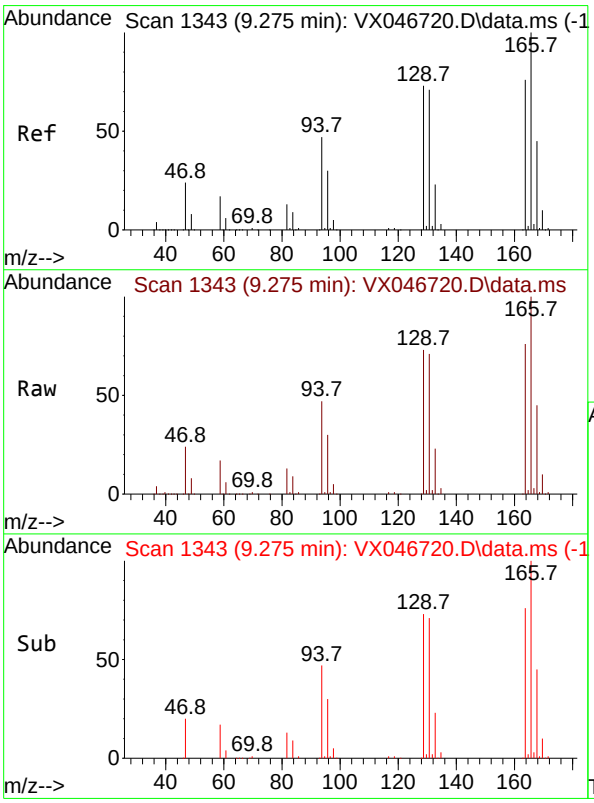
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 179407

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	32.3	25.8	38.8

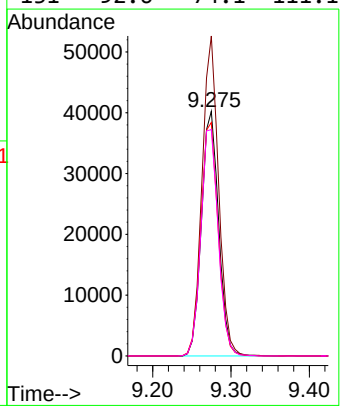


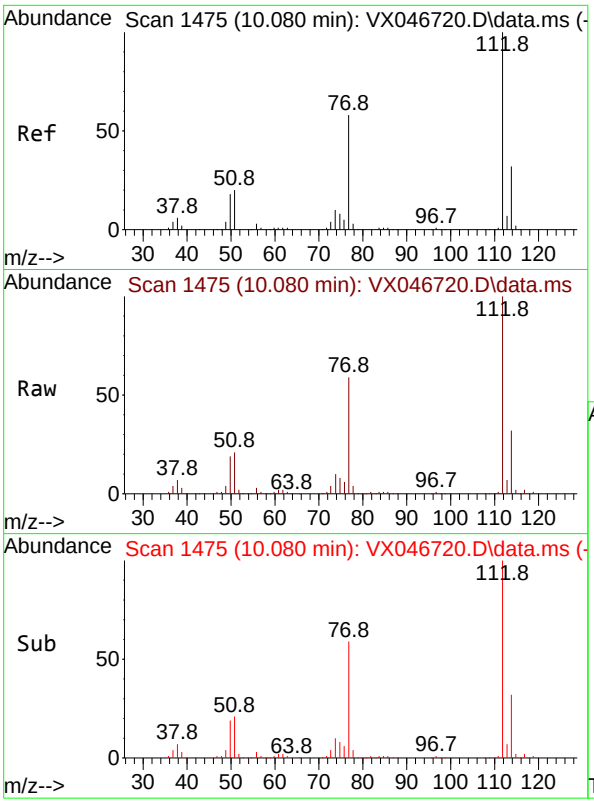


#64
Tetrachloroethene
Concen: 49.115 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:164 Resp: 61048

Ion	Ratio	Lower	Upper
164	100		
166	130.8	104.6	157.0
129	95.4	76.3	114.5
131	92.6	74.1	111.1



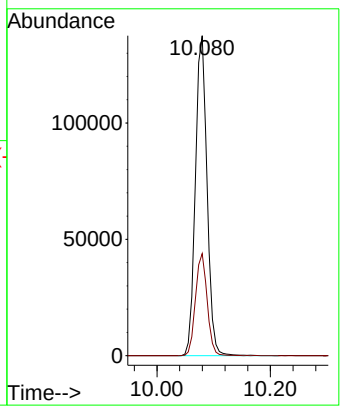


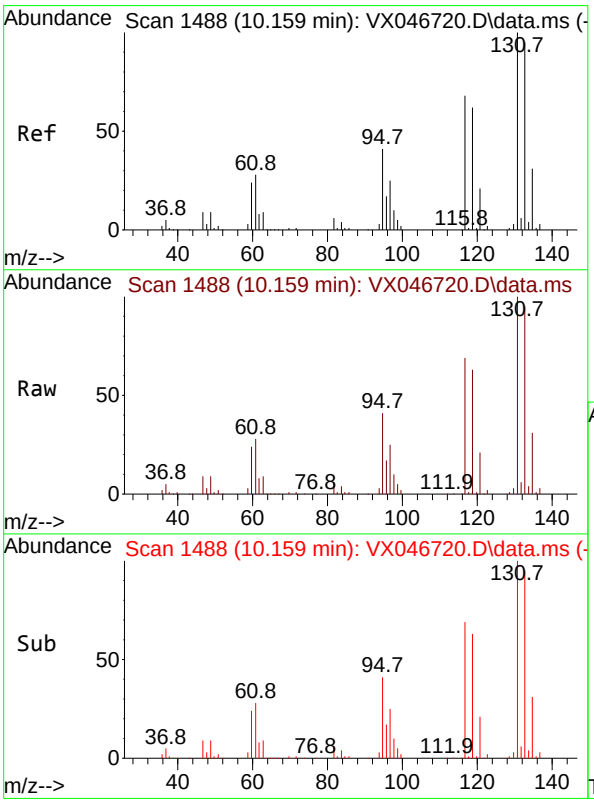
#65
Chlorobenzene
Concen: 49.429 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 195752

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3

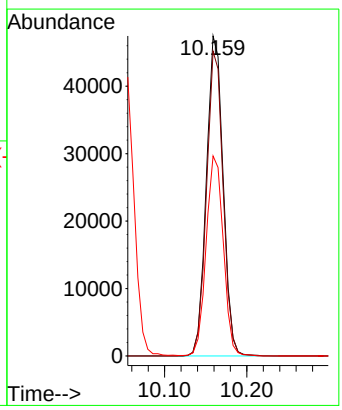


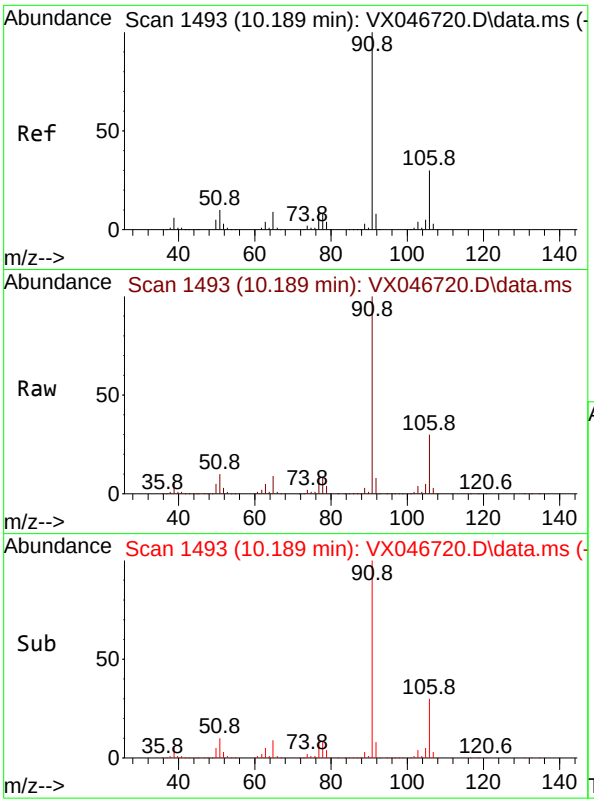


#66
1,1,1,2-Tetrachloroethane
Concen: 50.341 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:131 Resp: 67004

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	64.2	32.1	96.3



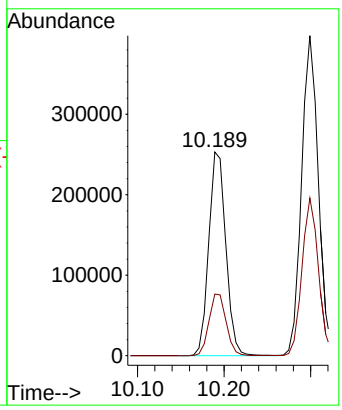


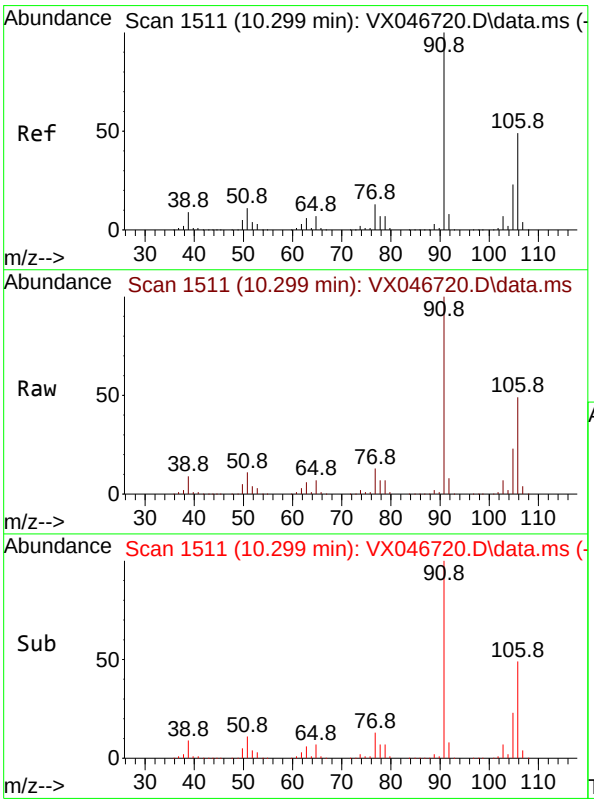
#67
Ethyl Benzene
Concen: 50.119 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 346812

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.2

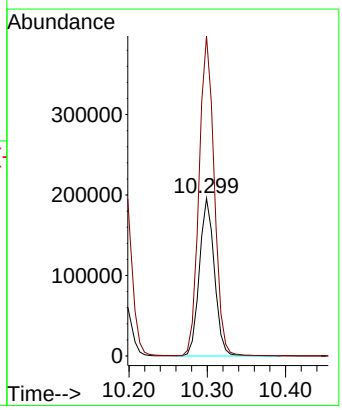


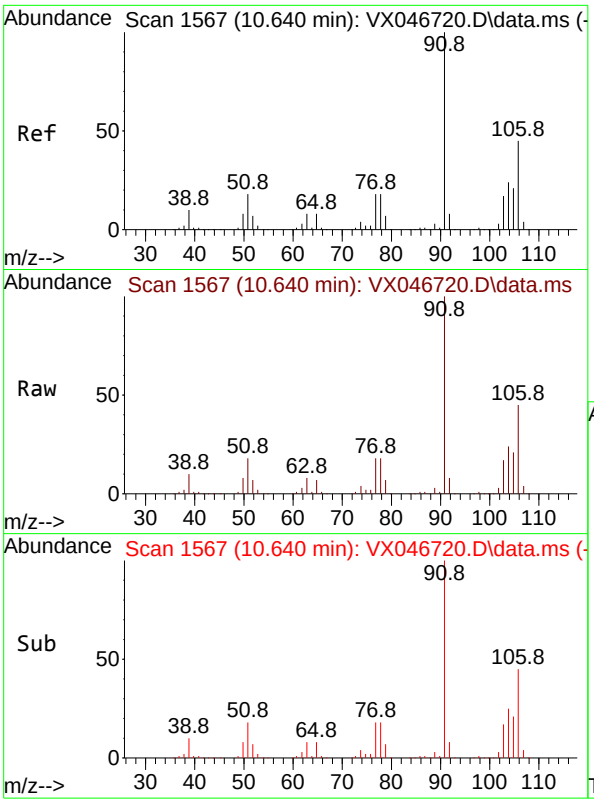


#68
m/p-Xylenes
Concen: 100.800 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:106 Resp: 259899

Ion	Ratio	Lower	Upper
106	100		
91	206.0	164.8	247.2



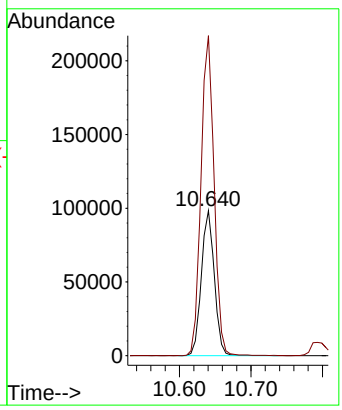


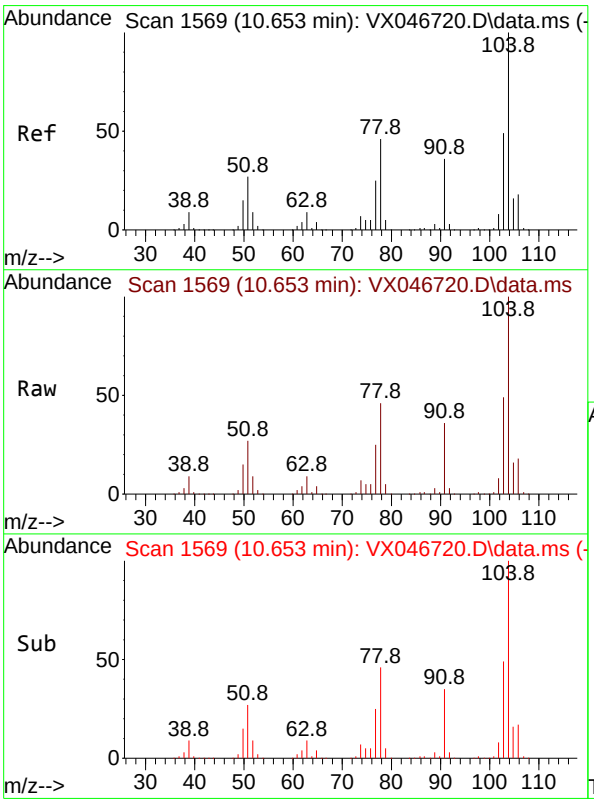
#69
o-Xylene
Concen: 51.366 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 124120

Ion	Ratio	Lower	Upper
106	100		
91	222.6	111.3	333.9

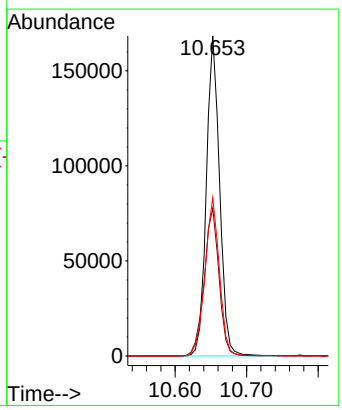


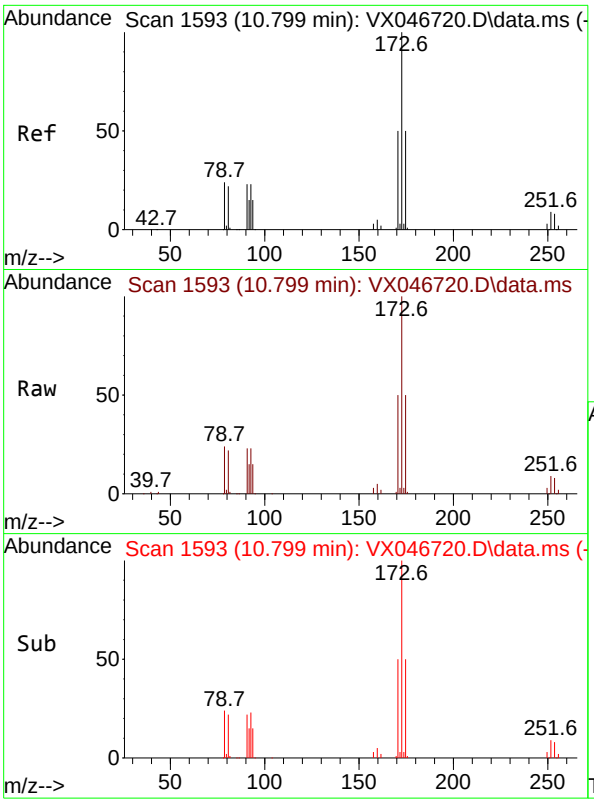


#70
Styrene
Concen: 51.254 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:104 Resp: 216738

Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.4	62.2
103	53.9	43.1	64.7



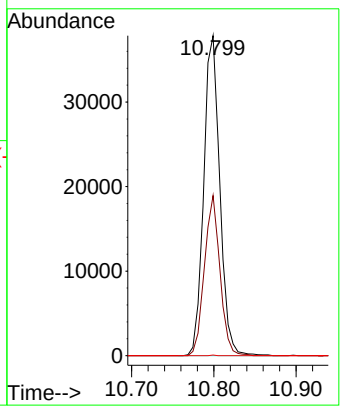


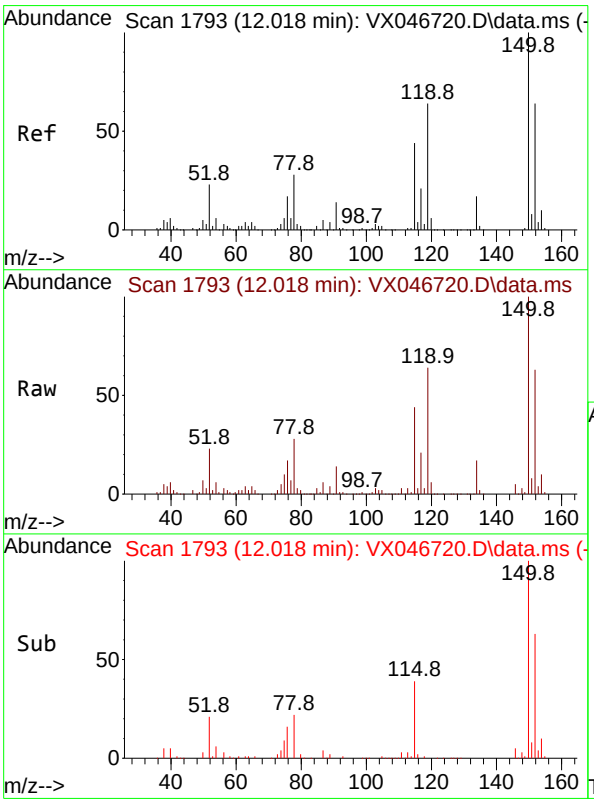
#71
Bromoform
Concen: 50.792 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 51485

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.1	0.1	0.1#

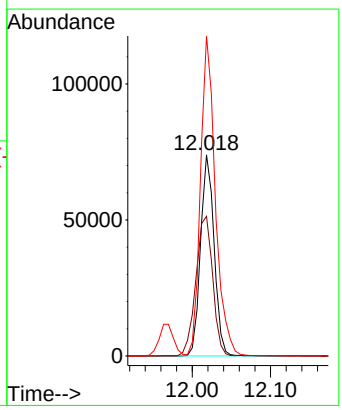


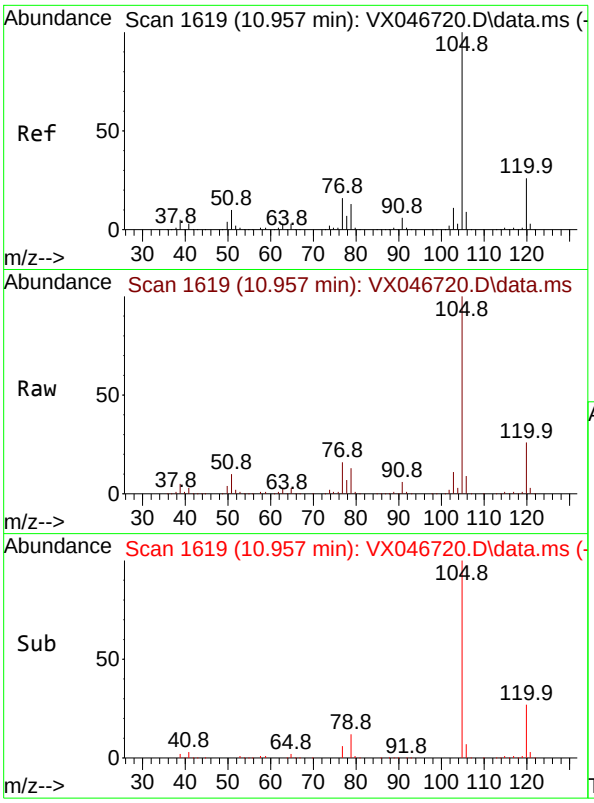


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:152 Resp: 89016

Ion	Ratio	Lower	Upper
152	100		
115	86.4	43.2	129.6
150	173.4	0.0	346.8



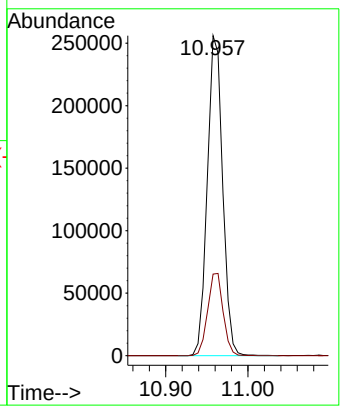


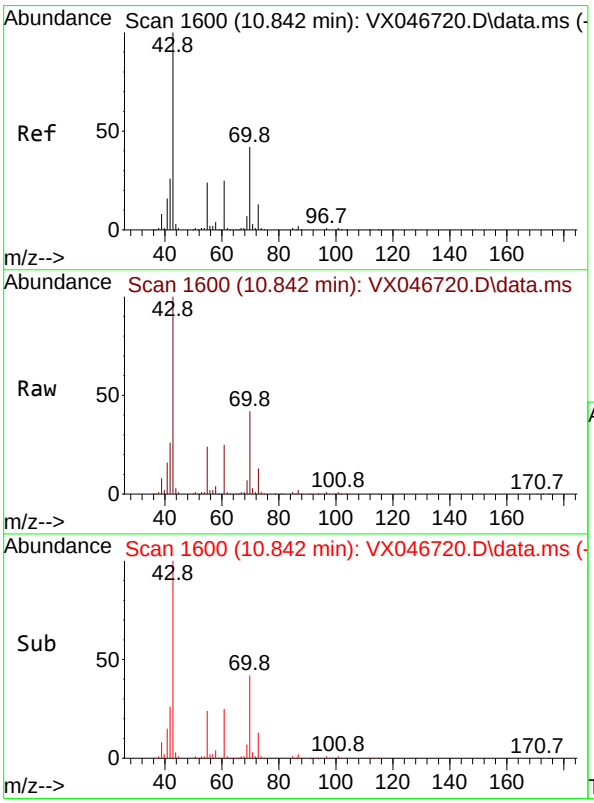
#73
Isopropylbenzene
Concen: 50.548 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 331391

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	39.0

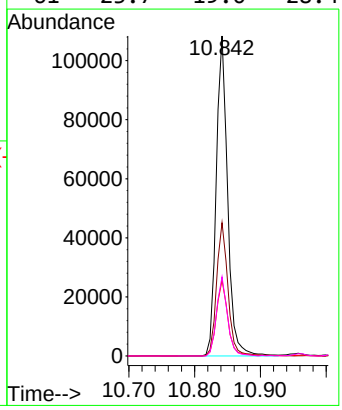


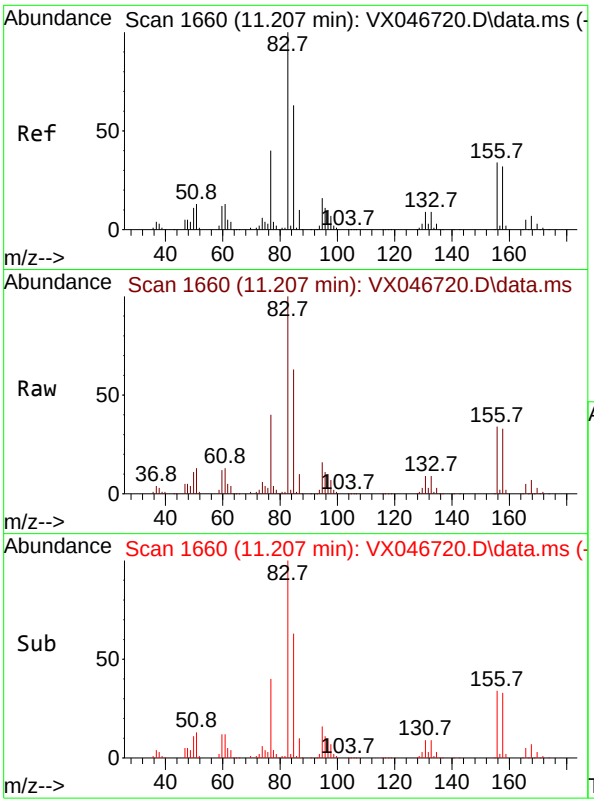


#74
N-amyl acetate
Concen: 52.581 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 43 Resp: 130606

Ion	Ratio	Lower	Upper
43	100		
70	41.7	33.4	50.0
55	23.9	19.1	28.7
61	23.7	19.0	28.4



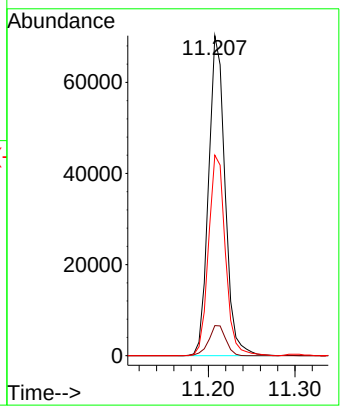


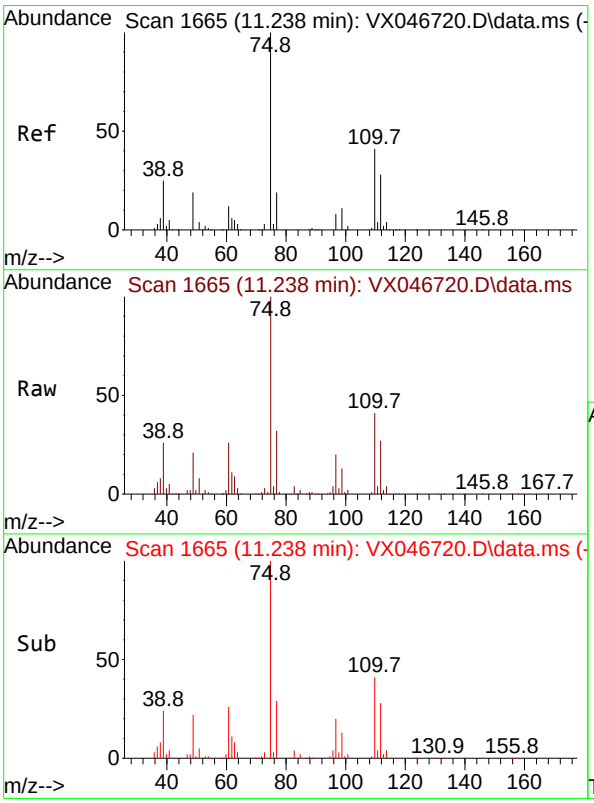
#75
1,1,2,2-Tetrachloroethane
Concen: 50.745 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 92893

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.6
85	64.0	32.0	96.0

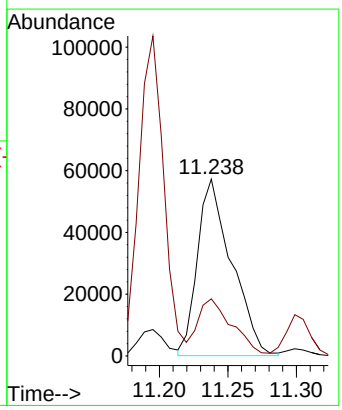


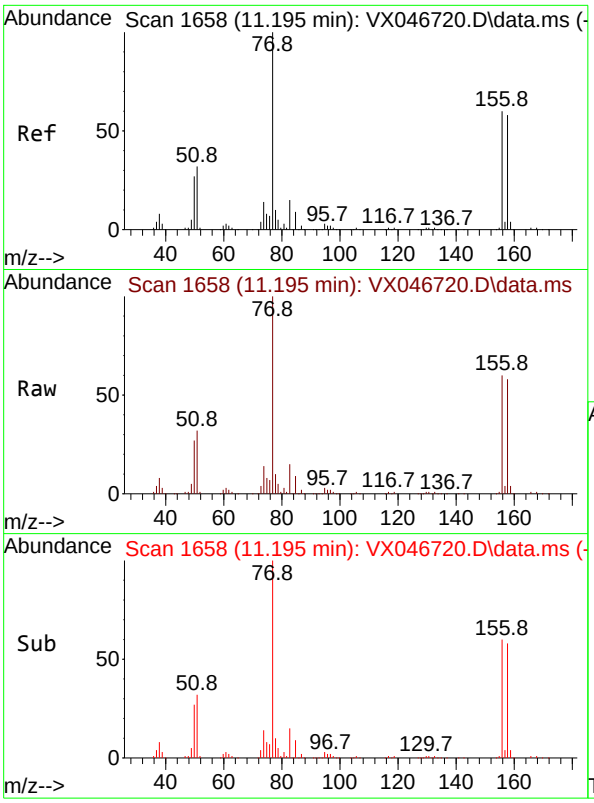


#76
1,2,3-Trichloropropane
Concen: 55.099 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 75 Resp: 99621

Ion	Ratio	Lower	Upper
75	100		
77	32.7	18.5	55.5



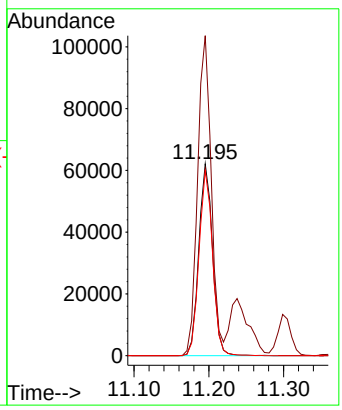


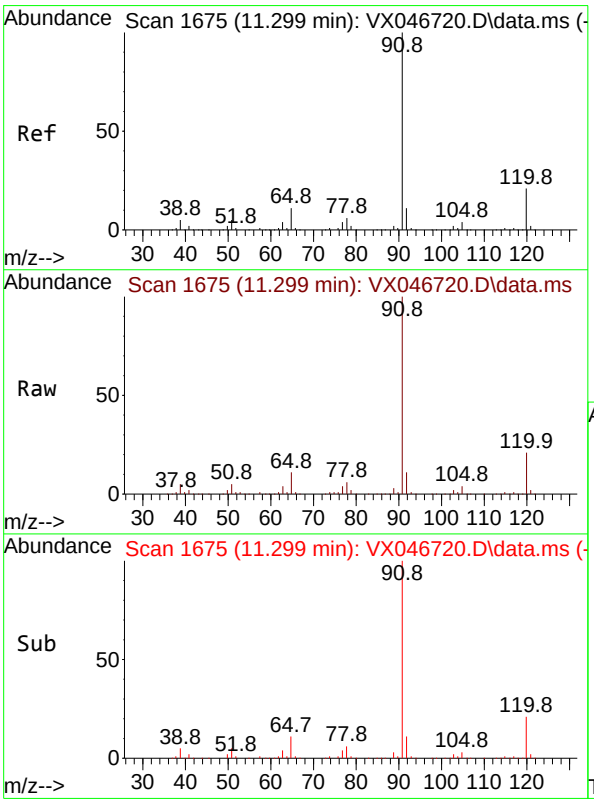
#77
Bromobenzene
Concen: 50.331 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 79404

Ion	Ratio	Lower	Upper
156	100		
77	165.7	82.8	248.6
158	95.3	47.6	142.9

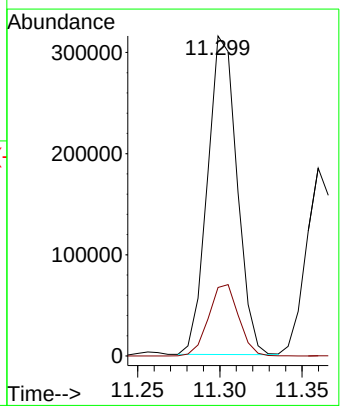


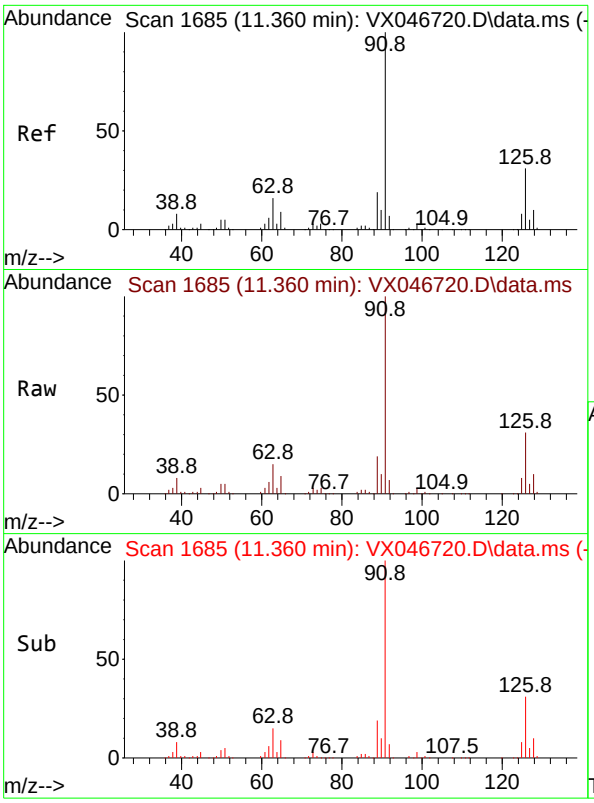


#78
n-propylbenzene
Concen: 50.646 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 91 Resp: 394375

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.1



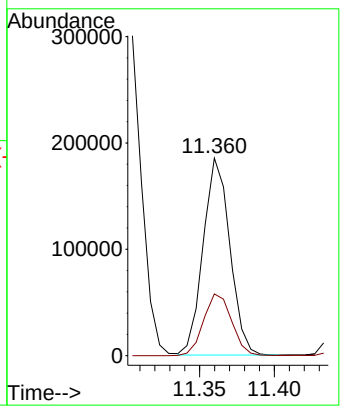


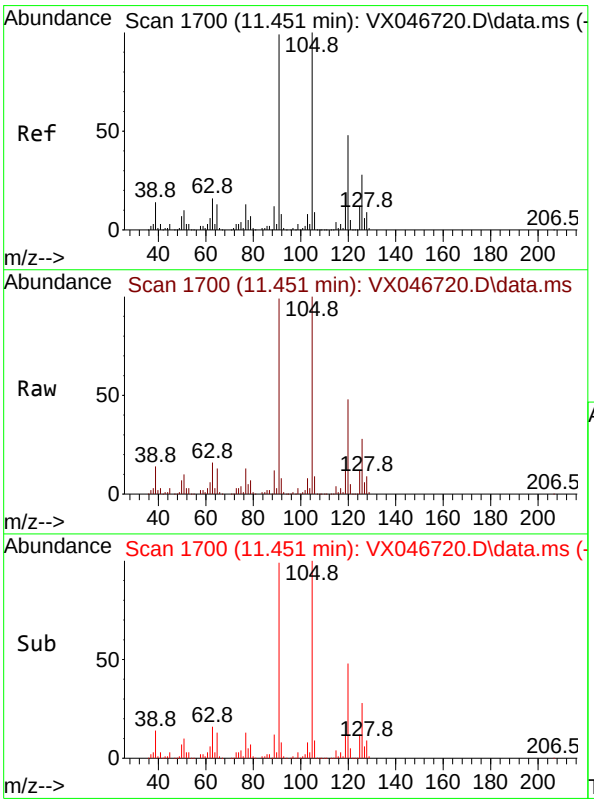
#79
2-Chlorotoluene
Concen: 49.509 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 230178

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.7

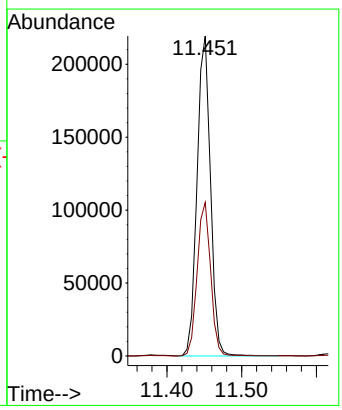


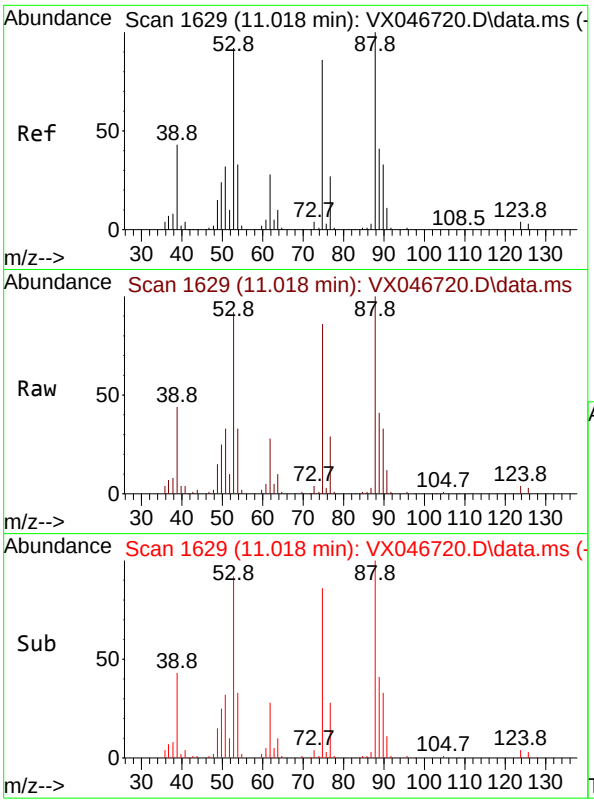


#80
1,3,5-Trimethylbenzene
Concen: 50.761 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:105 Resp: 273477

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.1	72.2



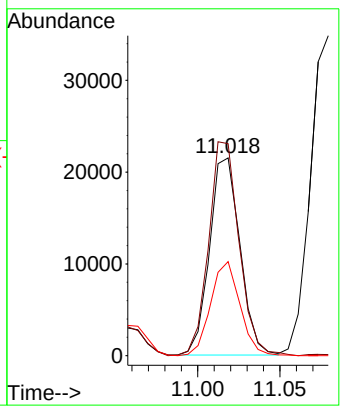


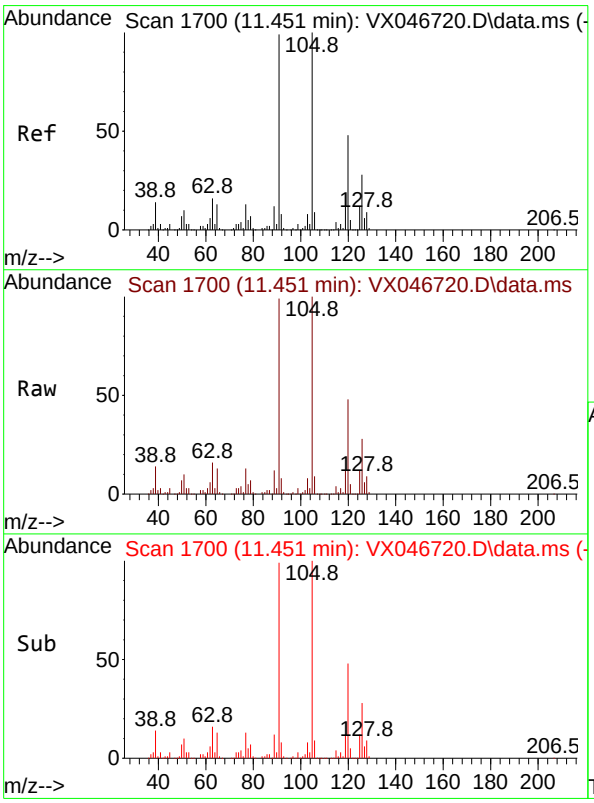
#81
trans-1,4-Dichloro-2-butene
Concen: 47.984 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 27677

Ion	Ratio	Lower	Upper
75	100		
53	108.5	86.8	130.2
89	46.1	36.9	55.3

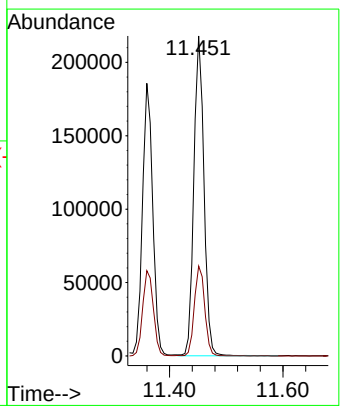


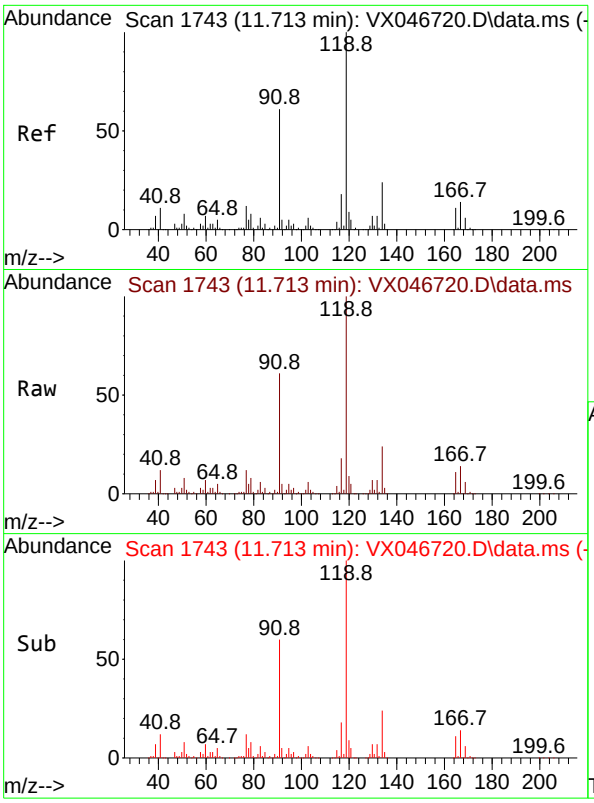


#82
4-Chlorotoluene
Concen: 49.613 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 91 Resp: 269198

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.4	43.2



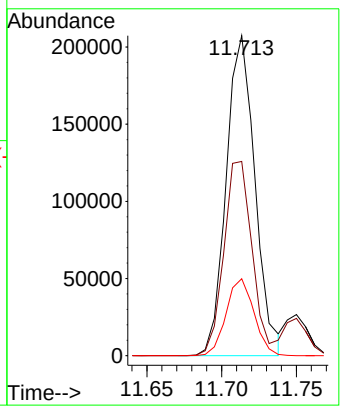


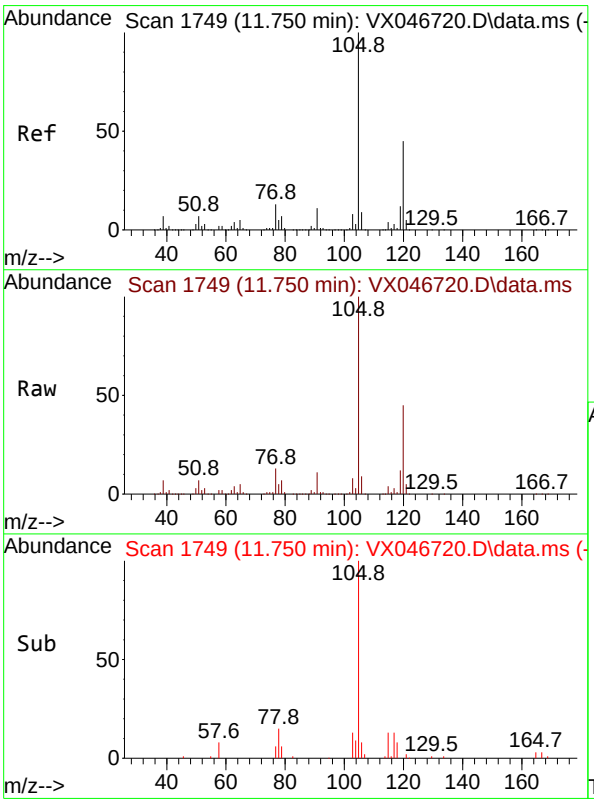
#83
tert-Butylbenzene
Concen: 49.905 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 277915

Ion	Ratio	Lower	Upper
119	100		
91	59.1	29.5	88.6
134	23.3	11.7	35.0

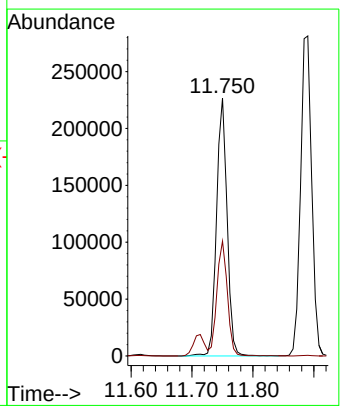


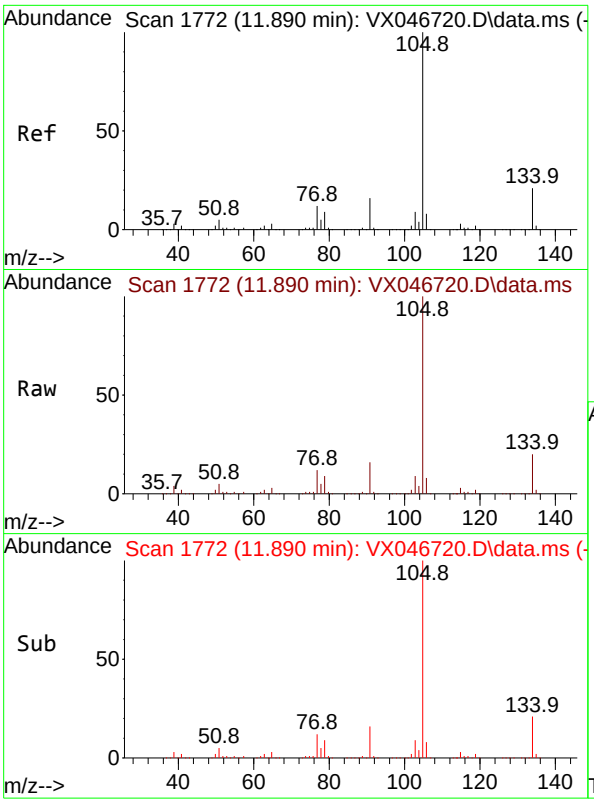


#84
1,2,4-Trimethylbenzene
Concen: 50.345 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:105 Resp: 272510

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.3



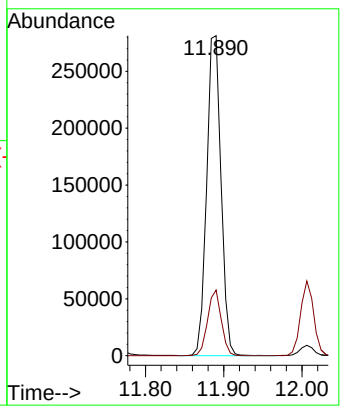


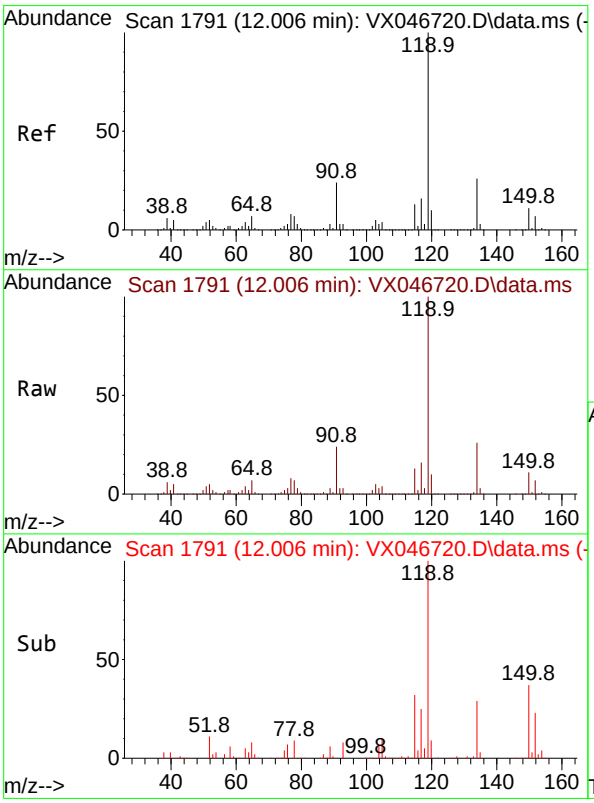
#85
sec-Butylbenzene
Concen: 50.574 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 355947

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

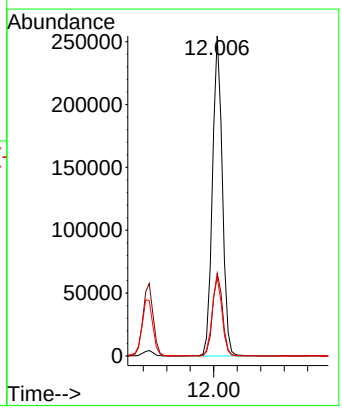


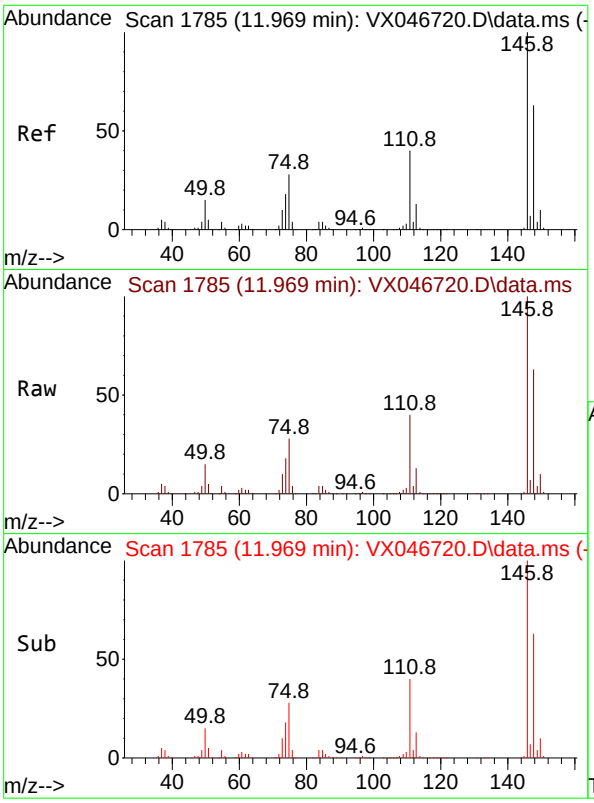


#86
p-Isopropyltoluene
Concen: 50.067 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:119 Resp: 297314

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	24.6	12.3	36.9



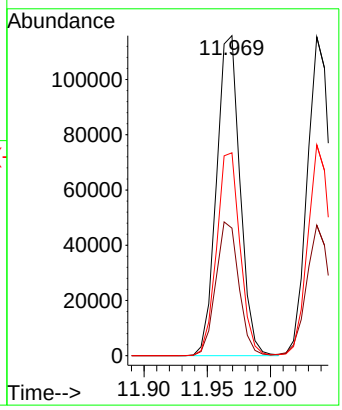


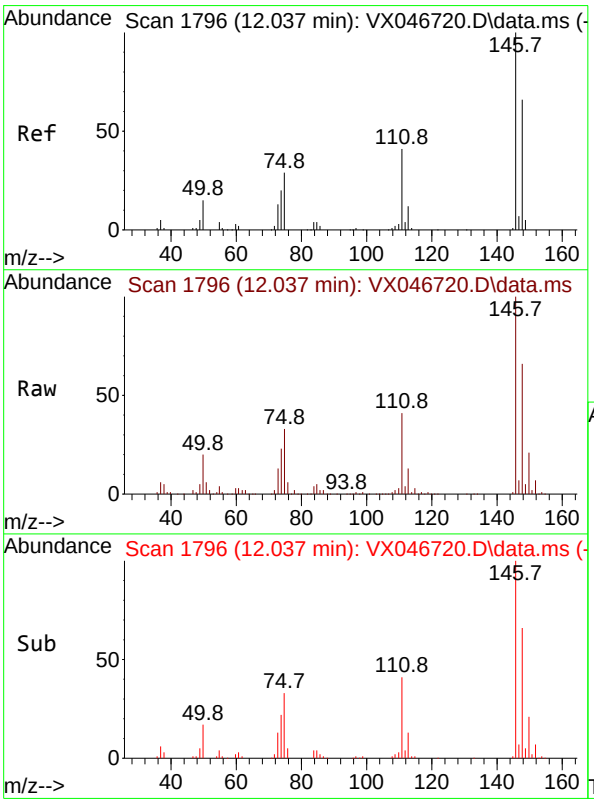
#87
1,3-Dichlorobenzene
Concen: 48.568 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 149402

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	63.2	31.6	94.8

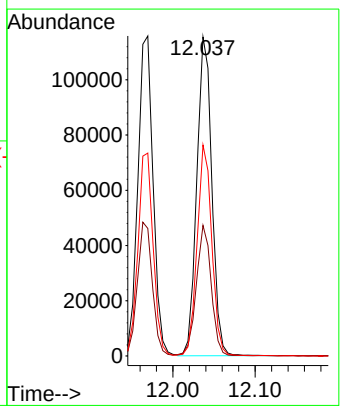


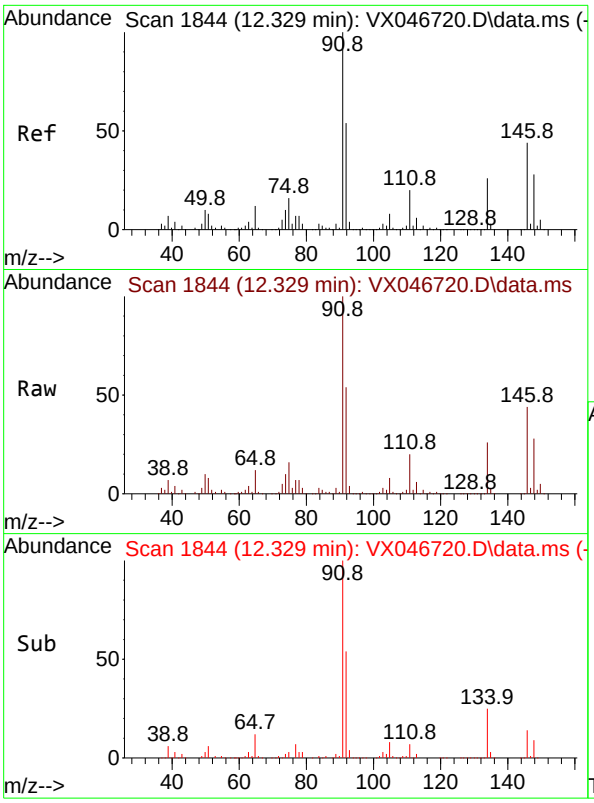


#88
1,4-Dichlorobenzene
Concen: 46.571 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:146 Resp: 147146

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	64.3	32.1	96.5



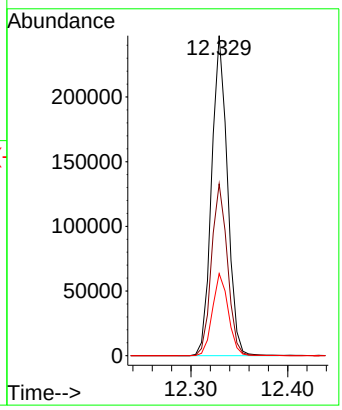


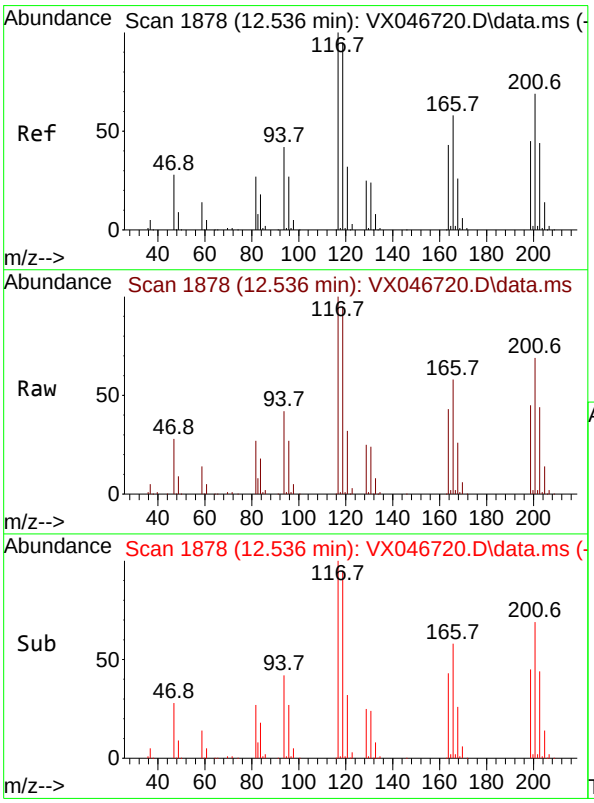
#89
n-Butylbenzene
Concen: 49.801 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 280794

Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	25.7	12.9	38.6

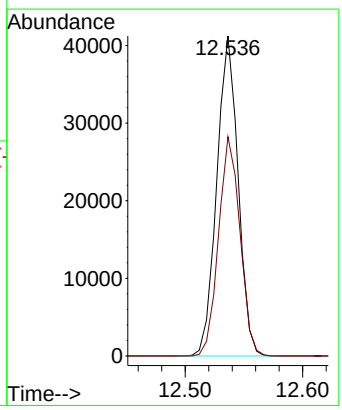


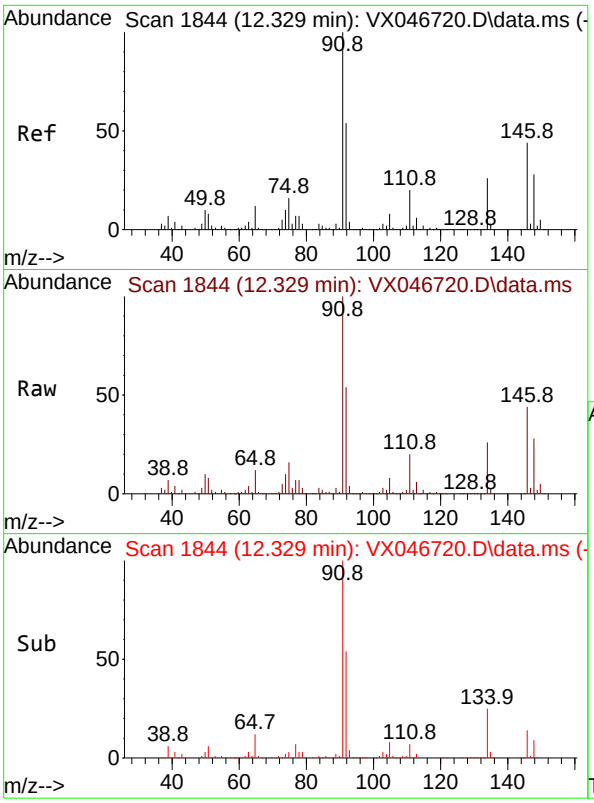


#90
Hexachloroethane
Concen: 49.968 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:117 Resp: 51961

Ion	Ratio	Lower	Upper
117	100		
201	68.9	34.4	103.3



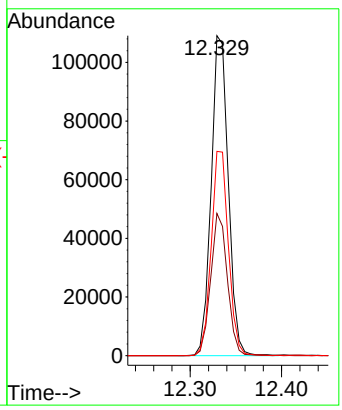


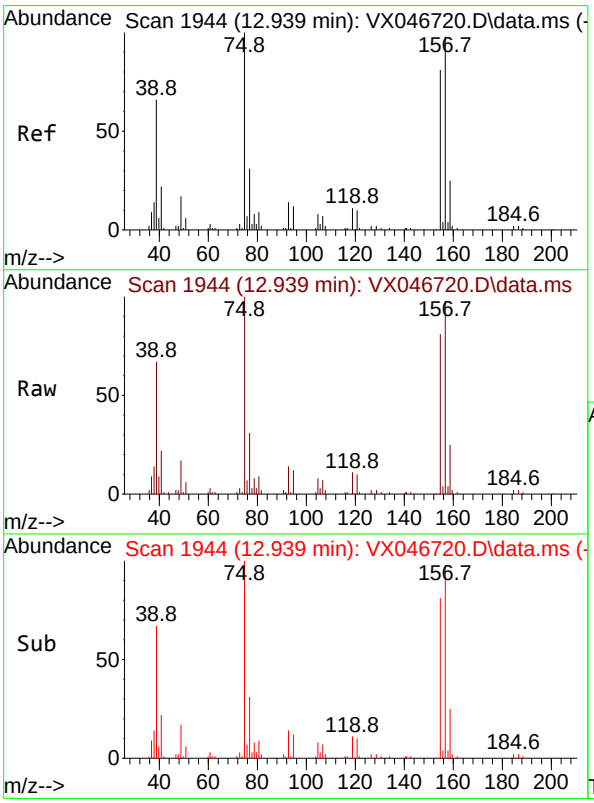
#91
1,2-Dichlorobenzene
Concen: 49.309 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 141743

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.7	65.1
148	64.1	32.0	96.2

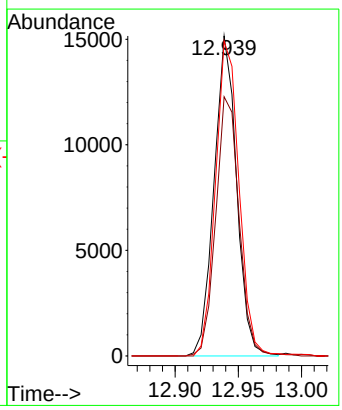


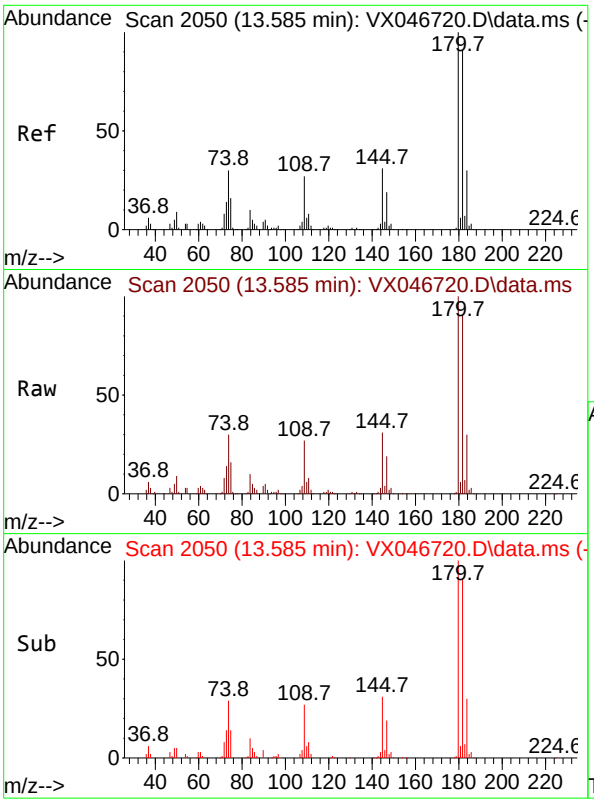


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.873 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion: 75 Resp: 18747

Ion	Ratio	Lower	Upper
75	100		
155	83.8	41.9	125.7
157	102.9	51.4	154.3



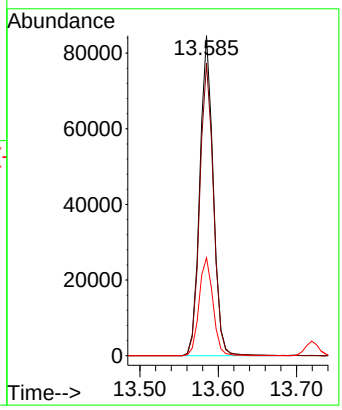


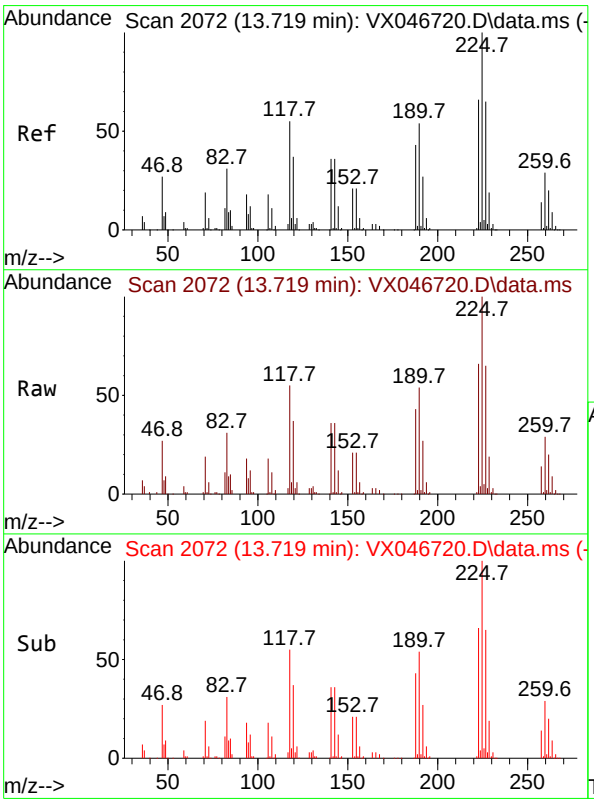
#93
1,2,4-Trichlorobenzene
Concen: 49.101 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 100346

Ion	Ratio	Lower	Upper
180	100		
182	93.4	46.7	140.1
145	31.6	15.8	47.4

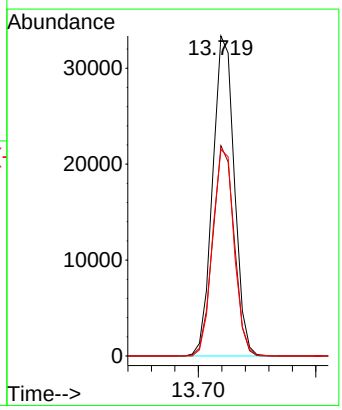


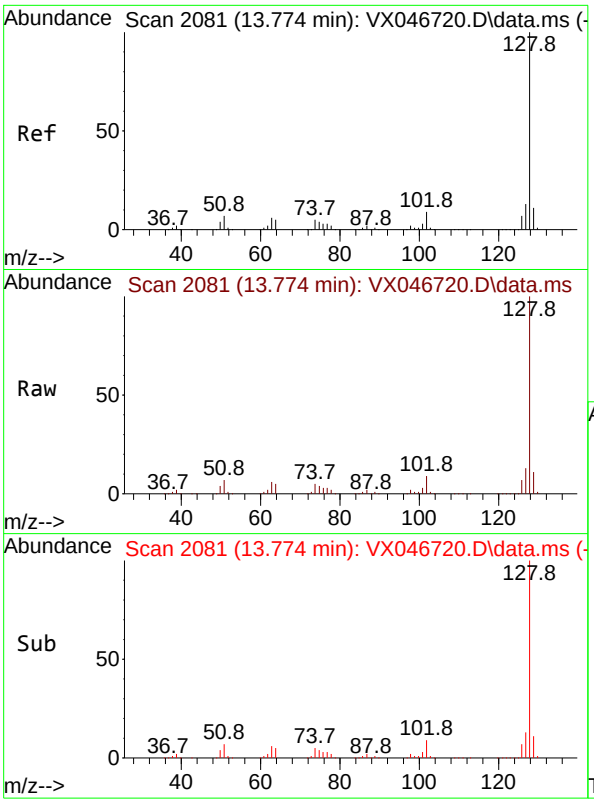


#94
Hexachlorobutadiene
Concen: 49.621 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:225 Resp: 42659

Ion	Ratio	Lower	Upper
225	100		
223	65.0	32.5	97.5
227	64.4	32.2	96.6



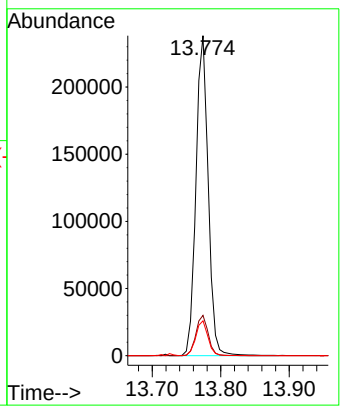


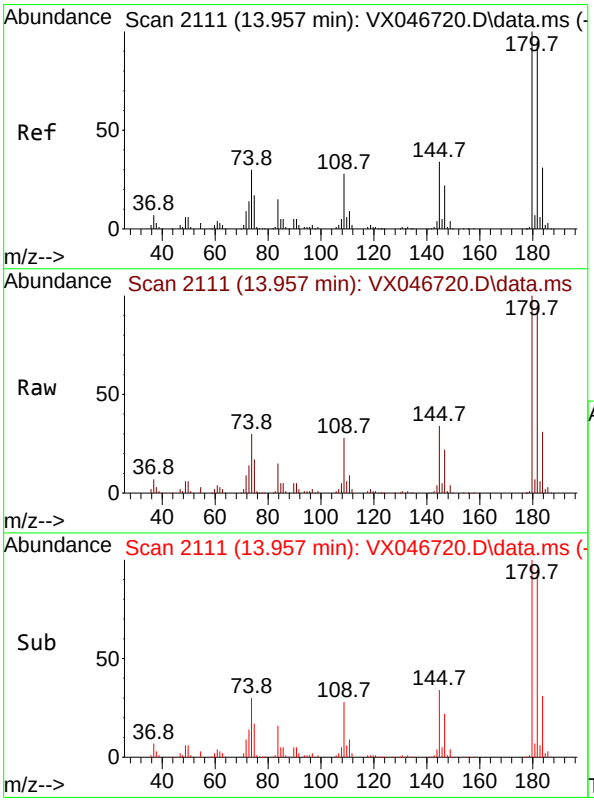
#95
Naphthalene
Concen: 50.994 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 296912

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.7	13.1

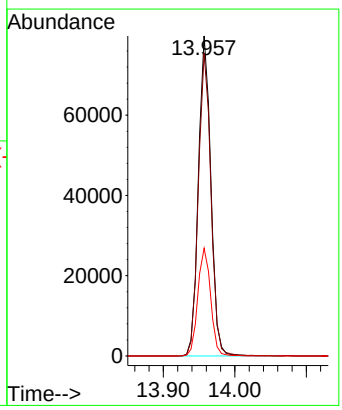




#96
1,2,3-Trichlorobenzene
Concen: 49.263 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046720.D
Acq: 17 Jun 2025 14:20

Tgt Ion:180 Resp: 96318

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.4
145	34.6	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	110482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160514	105.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 210.080%#			
35) Dibromofluoromethane	5.391	113	129932	107.136	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 214.280%#			
50) Toluene-d8	8.647	98	458174	105.153	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 210.300%#			
62) 4-Bromofluorobenzene	11.079	95	170795	105.156	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 210.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	138589	117.494	ug/l	99
3) Chloromethane	1.307	50	141568	111.195	ug/l	99
4) Vinyl Chloride	1.386	62	151879	111.868	ug/l	97
5) Bromomethane	1.611	94	75361	98.660	ug/l	94
6) Chloroethane	1.697	64	89532	108.805	ug/l	96
7) Trichlorofluoromethane	1.898	101	227688	110.449	ug/l	98
8) Diethyl Ether	2.148	74	77791	109.956	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	137759	108.929	ug/l	99
10) Methyl Iodide	2.465	142	174182	104.824	ug/l	99
11) Tert butyl alcohol	2.965	59	78366	571.345	ug/l	99
12) 1,1-Dichloroethene	2.331	96	134660	110.347	ug/l	98
13) Acrolein	2.246	56	108796	544.566	ug/l	99
14) Allyl chloride	2.678	41	243477	110.119	ug/l	100
15) Acrylonitrile	3.075	53	344981	559.348	ug/l	100
16) Acetone	2.386	43	263024	516.133	ug/l	99
17) Carbon Disulfide	2.526	76	383348	104.026	ug/l	98
18) Methyl Acetate	2.709	43	143551	110.909	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	419445	110.387	ug/l	98
20) Methylene Chloride	2.800	84	147144	103.828	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	140792	107.824	ug/l	97
22) Diisopropyl ether	3.770	45	466831	109.846	ug/l	98
23) Vinyl Acetate	3.733	43	1930136	571.126	ug/l	99
24) 1,1-Dichloroethane	3.623	63	258546	107.149	ug/l	98
25) 2-Butanone	4.562	43	409960	568.810	ug/l	99
26) 2,2-Dichloropropane	4.489	77	194006	110.239	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	163672	106.691	ug/l	99
28) Bromochloromethane	4.910	49	114720	104.869	ug/l	99
29) Tetrahydrofuran	5.013	42	265233	569.746	ug/l	100
30) Chloroform	5.105	83	260888	108.113	ug/l	96
31) Cyclohexane	5.477	56	237424	103.757	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	231101	109.198	ug/l	99
36) 1,1-Dichloropropene	5.702	75	183355	104.733	ug/l	98
37) Ethyl Acetate	4.721	43	171444	106.094	ug/l	97
38) Carbon Tetrachloride	5.690	117	200914	105.749	ug/l	98
39) Methylcyclohexane	7.385	83	246277	106.902	ug/l	99
40) Benzene	6.044	78	553336	106.798	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	97782	113.502	ug/l		97
42) 1,2-Dichloroethane	6.092	62	193498	106.278	ug/l		99
43) Isopropyl Acetate	6.342	43	291467	115.264	ug/l		100
44) Trichloroethene	7.129	130	142659	108.043	ug/l		96
45) 1,2-Dichloropropane	7.434	63	137291	106.920	ug/l		96
46) Dibromomethane	7.586	93	98964	107.240	ug/l		99
47) Bromodichloromethane	7.824	83	205870	109.319	ug/l		100
48) Methyl methacrylate	7.696	41	150002	118.279	ug/l		99
49) 1,4-Dioxane	7.659	88	38203	2040.447	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	843944	559.584	ug/l		100
52) Toluene	8.720	92	339735	105.772	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	203470	116.448	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	221241	111.537	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	127195	106.264	ug/l		99
56) Ethyl methacrylate	9.116	69	205153	116.106	ug/l		100
57) 1,3-Dichloropropane	9.305	76	220021	106.740	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	541734	590.219	ug/l		100
59) 2-Hexanone	9.427	43	587221	563.200	ug/l		100
60) Dibromochloromethane	9.519	129	153731	108.983	ug/l		99
61) 1,2-Dibromoethane	9.610	107	133253	109.444	ug/l		99
64) Tetrachloroethene	9.275	164	115774	103.876	ug/l		98
65) Chlorobenzene	10.079	112	374913	105.577	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	131134	109.876	ug/l		99
67) Ethyl Benzene	10.189	91	663369	106.914	ug/l		100
68) m/p-Xylenes	10.299	106	492448	213.003	ug/l		100
69) o-Xylene	10.640	106	237631	109.675	ug/l		99
70) Styrene	10.653	104	407566	107.488	ug/l		99
71) Bromoform	10.799	173	101329	111.485	ug/l	#	99
73) Isopropylbenzene	10.957	105	628803	108.731	ug/l		100
74) N-amyl acetate	10.842	43	260620	118.945	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	176523	109.317	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	194835	122.161	ug/l		92
77) Bromobenzene	11.195	156	150110	107.864	ug/l		99
78) n-propylbenzene	11.299	91	743979	108.310	ug/l		100
79) 2-Chlorotoluene	11.360	91	434989	106.065	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	517286	108.848	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	57608	113.225	ug/l		96
82) 4-Chlorotoluene	11.451	91	506852	105.896	ug/l		99
83) tert-Butylbenzene	11.713	119	533235	108.548	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	518524	108.598	ug/l		100
85) sec-Butylbenzene	11.890	105	670896	108.062	ug/l		99
86) p-Isopropyltoluene	12.006	119	561258	107.145	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	280540	103.388	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	280884	100.779	ug/l		99
89) n-Butylbenzene	12.329	91	536268	107.822	ug/l		100
90) Hexachloroethane	12.536	117	101647	110.811	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	267432	105.466	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36858	115.616	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	196715	109.119	ug/l		99
94) Hexachlorobutadiene	13.725	225	80407	106.029	ug/l		98
95) Naphthalene	13.774	128	587914	114.468	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	189473	109.861	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

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

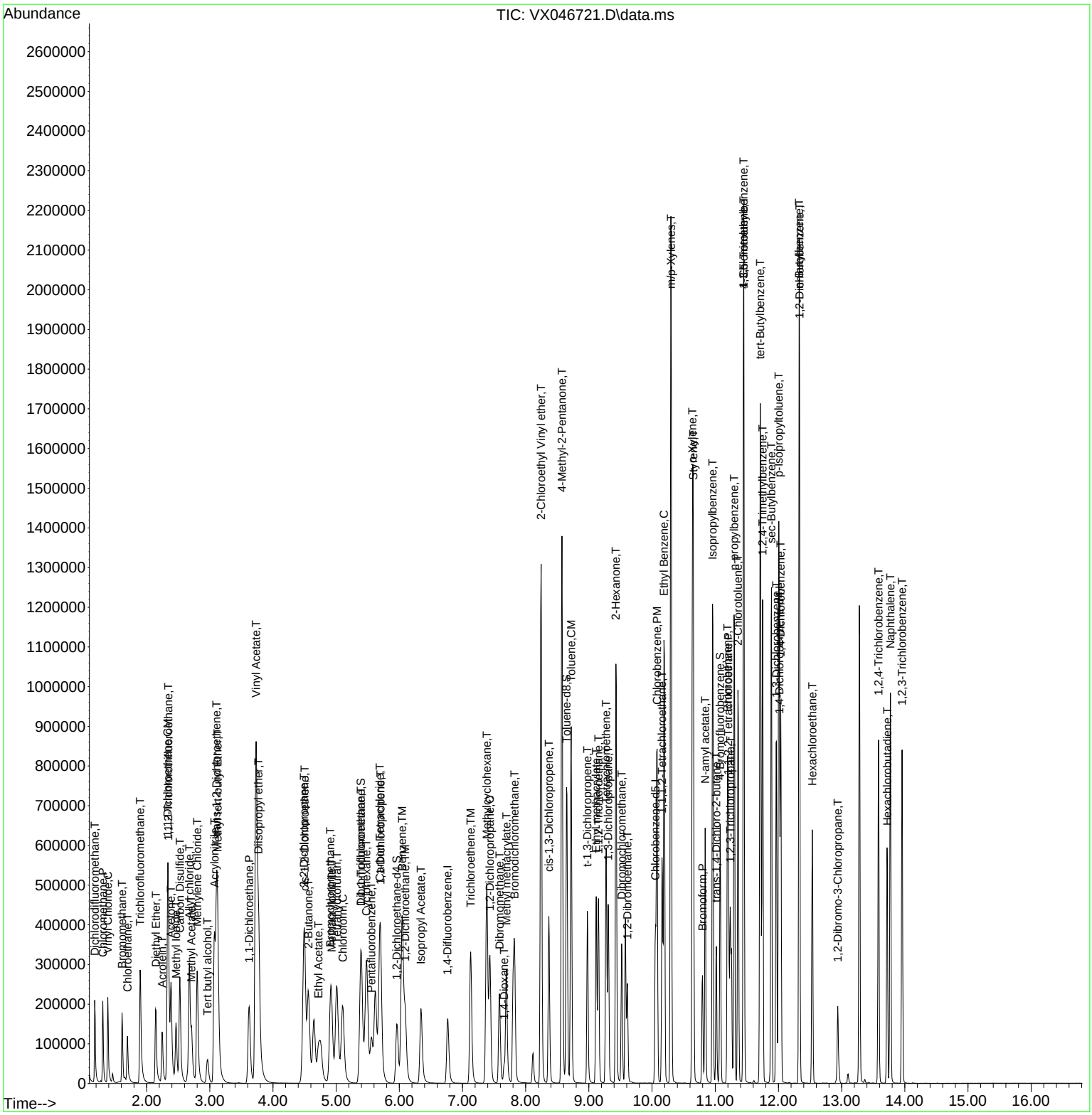
(#) = qualifier out of range (m) = manual integration (+) = signals summed

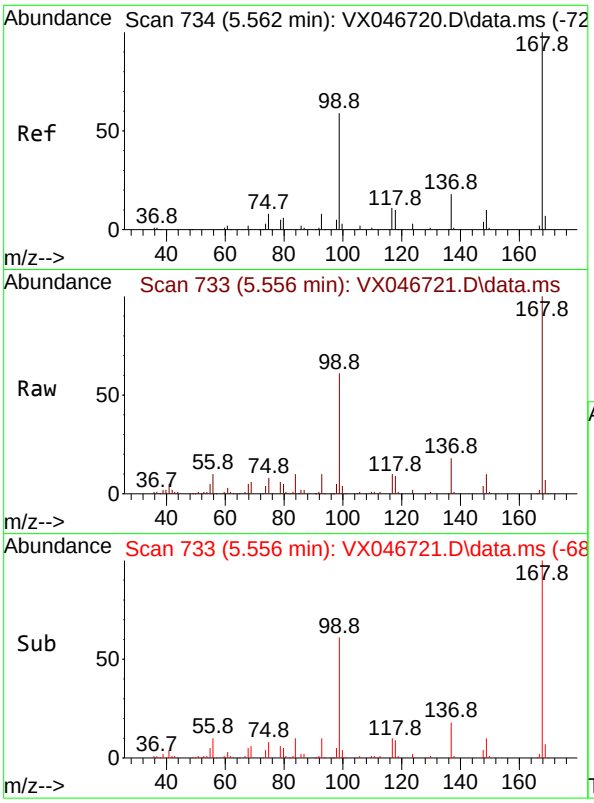
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration



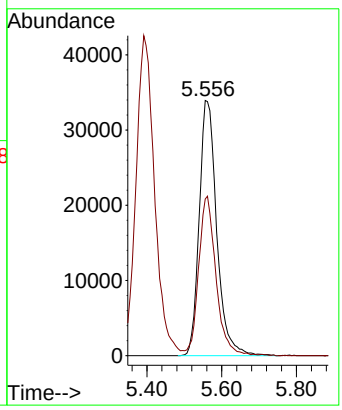


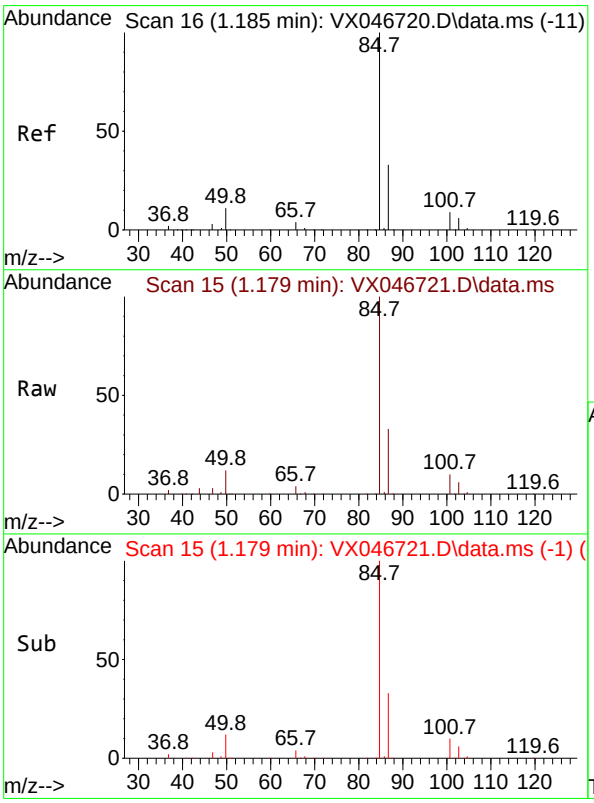
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 110482

Ion	Ratio	Lower	Upper
168	100		
99	61.4	48.5	72.7

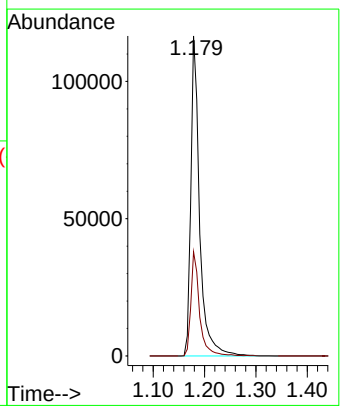


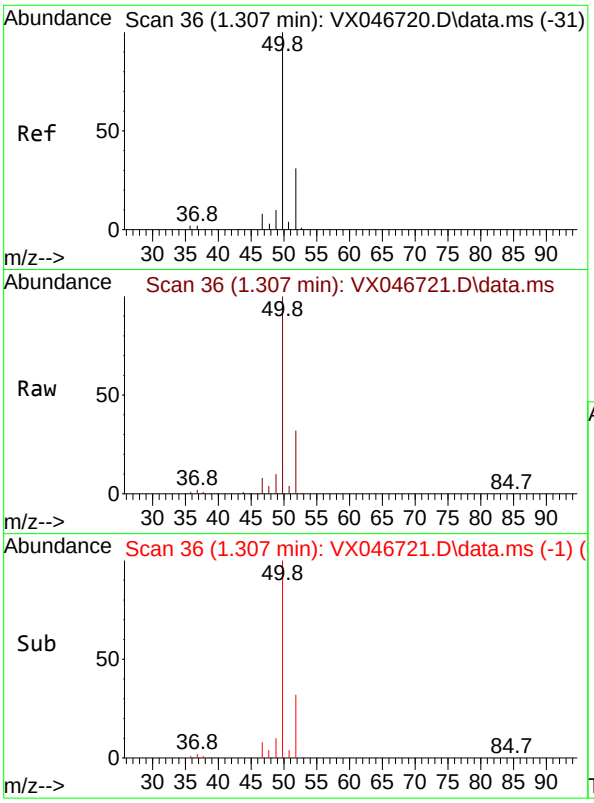


#2
Dichlorodifluoromethane
Concen: 117.494 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 85 Resp: 138589

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.6	49.8



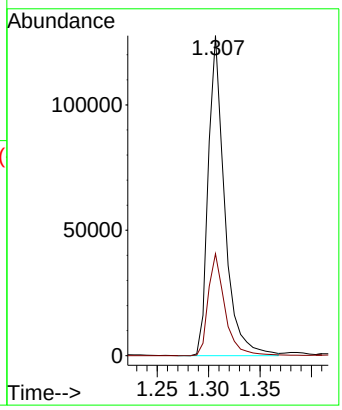


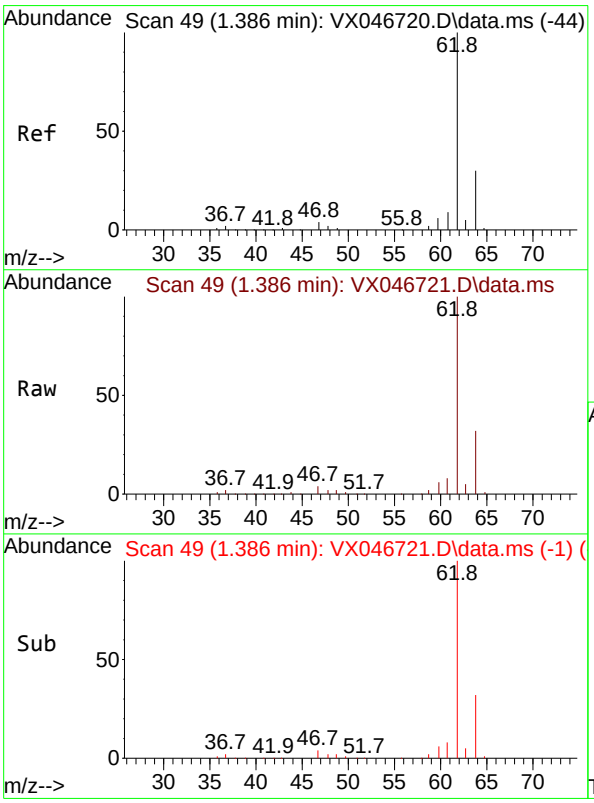
#3
Chloromethane
Concen: 111.195 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 141568

Ion	Ratio	Lower	Upper
50	100		
52	31.8	24.9	37.3

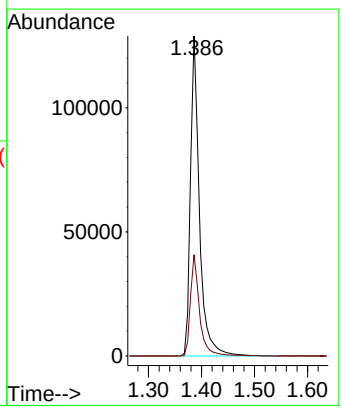


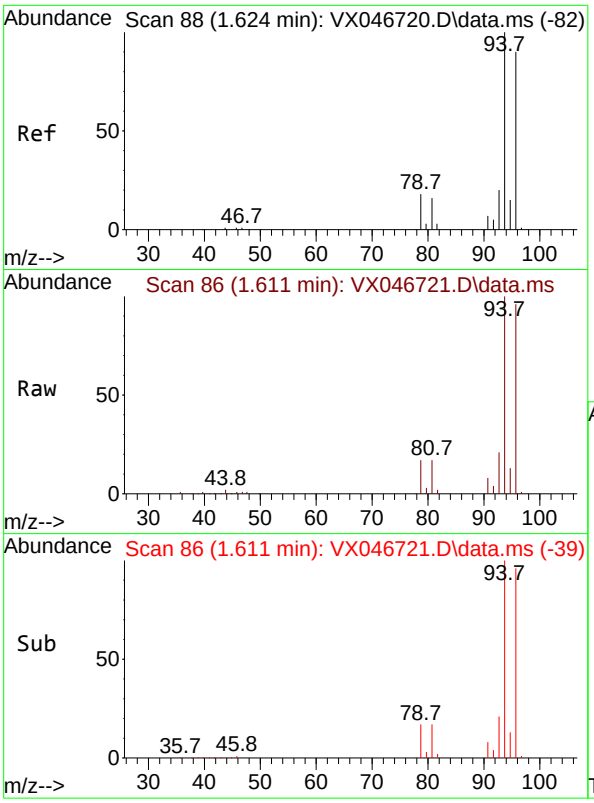


#4
Vinyl Chloride
Concen: 111.868 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 62 Resp: 151879

Ion	Ratio	Lower	Upper
62	100		
64	31.7	23.9	35.9



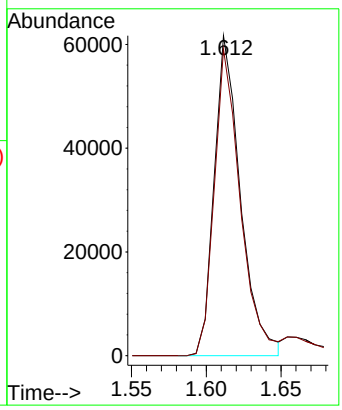


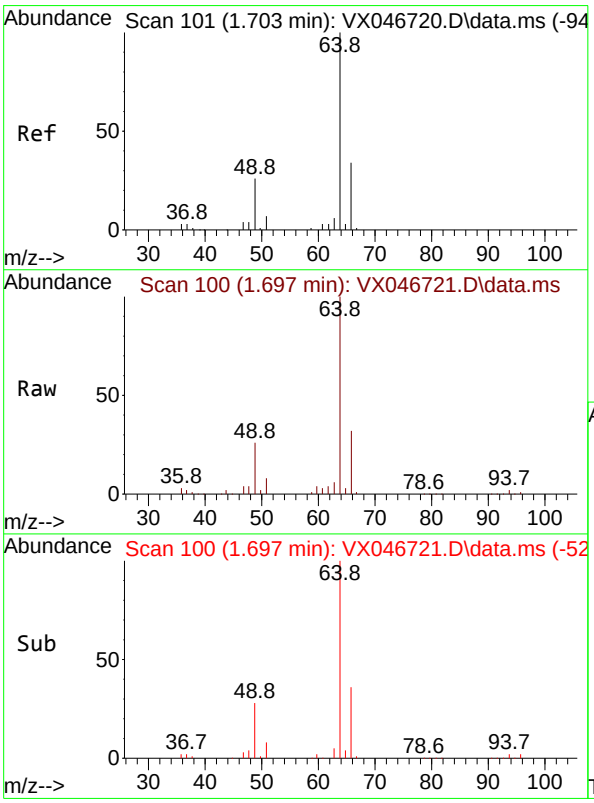
#5
Bromomethane
Concen: 98.660 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 75361

Ion	Ratio	Lower	Upper
94	100		
96	95.8	72.3	108.5

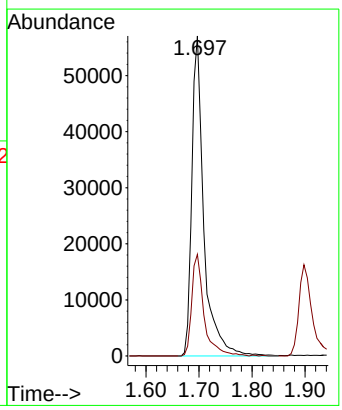


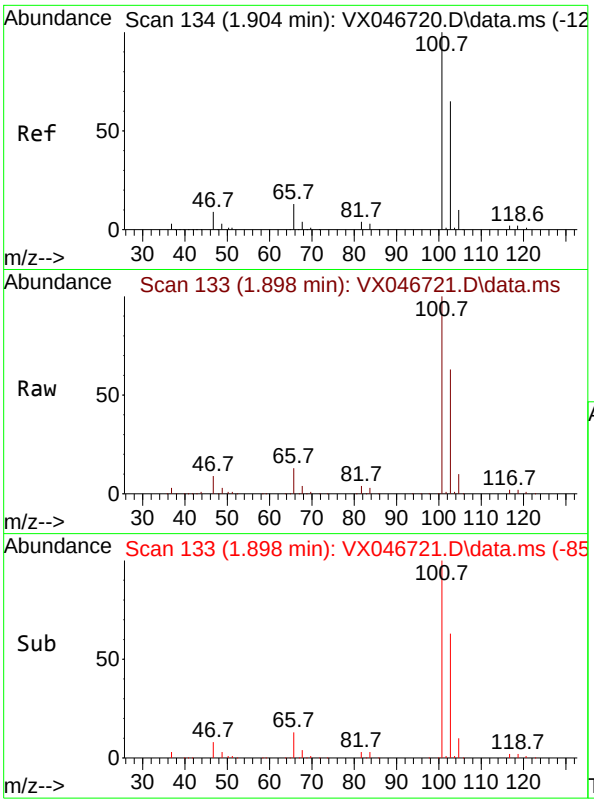


#6
Chloroethane
Concen: 108.805 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 64 Resp: 89532

Ion	Ratio	Lower	Upper
64	100		
66	31.8	27.1	40.7



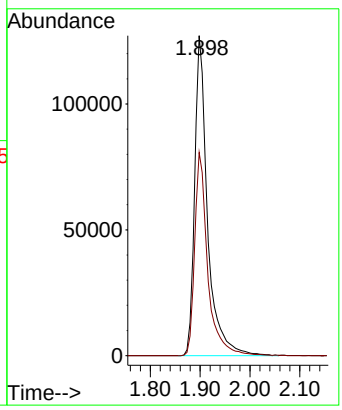


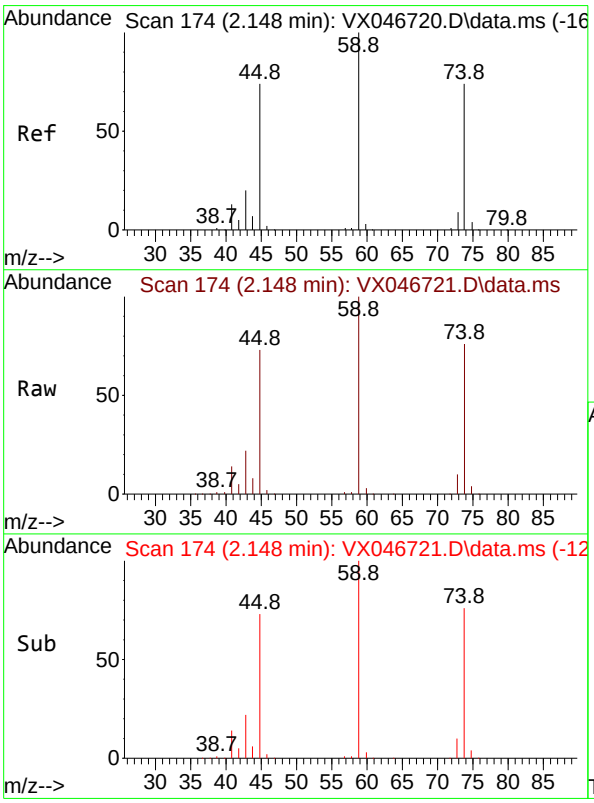
#7
Trichlorofluoromethane
Concen: 110.449 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 227688

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.8	77.8

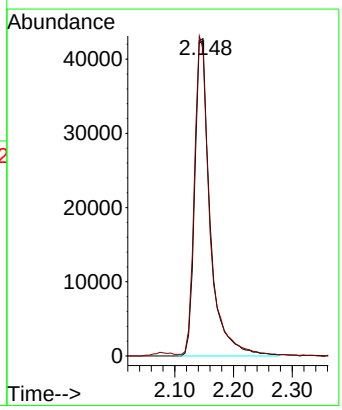


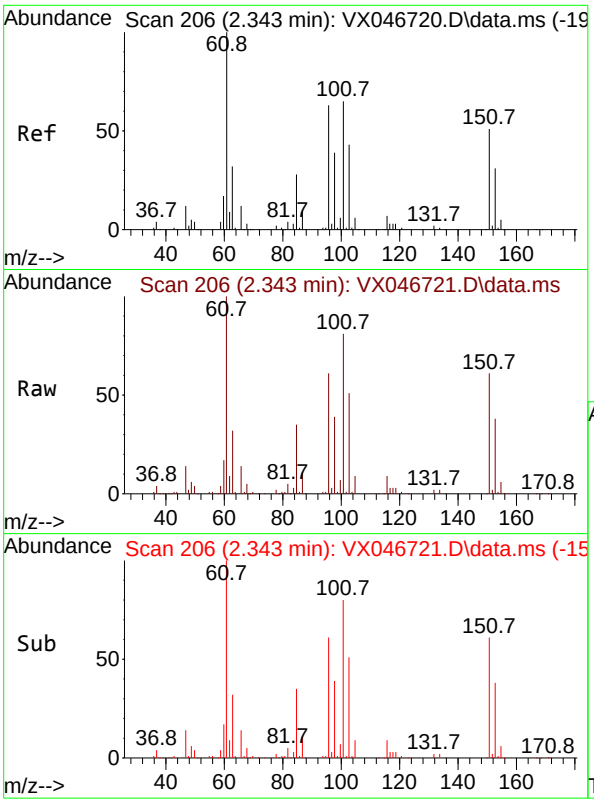


#8
Diethyl Ether
Concen: 109.956 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 74 Resp: 77791

Ion	Ratio	Lower	Upper
74	100		
45	100.7	52.3	157.1



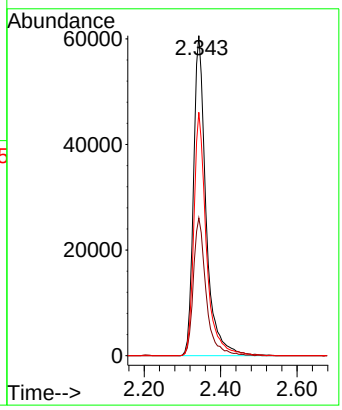


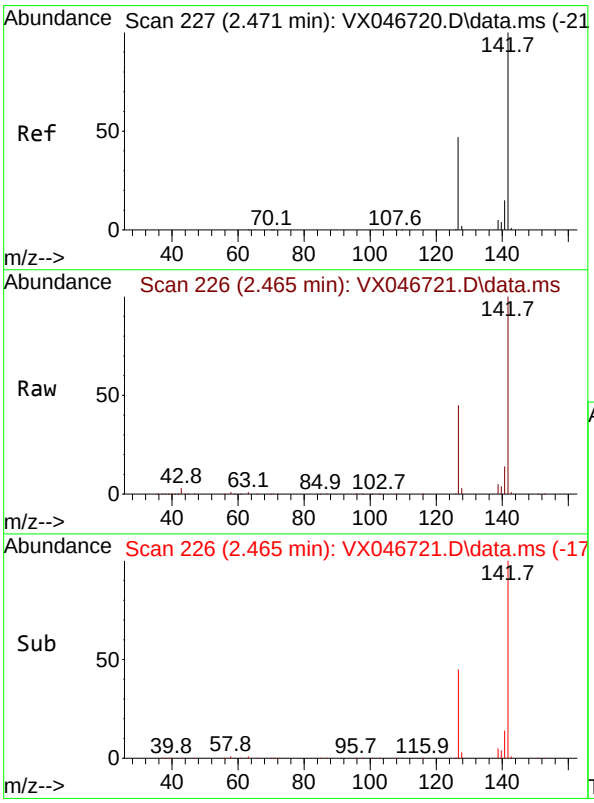
#9
1,1,2-Trichlorotrifluoroethane
Concen: 108.929 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 137759

Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.4	53.0
151	76.0	61.2	91.8

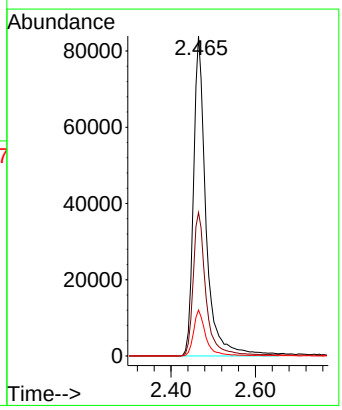


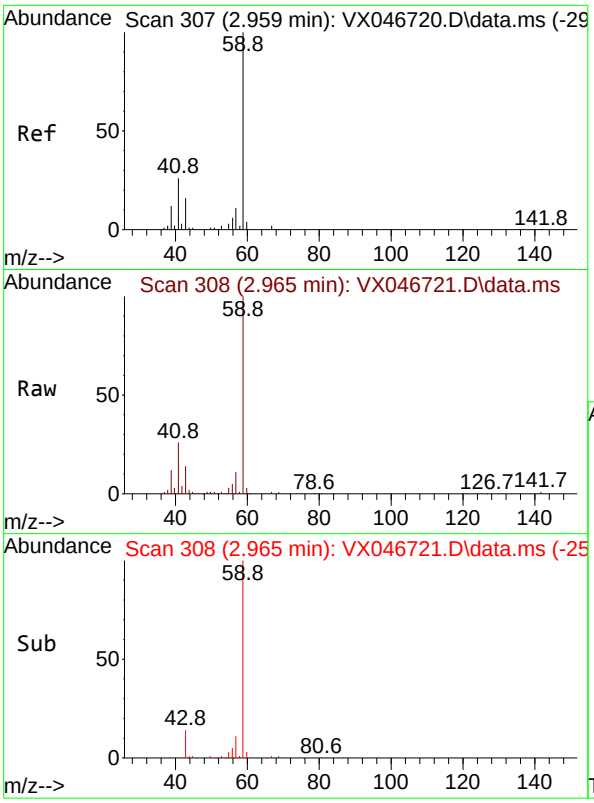


#10
Methyl Iodide
Concen: 104.824 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:142 Resp: 174182

Ion	Ratio	Lower	Upper
142	100		
127	45.7	37.0	55.6
141	14.0	11.5	17.3



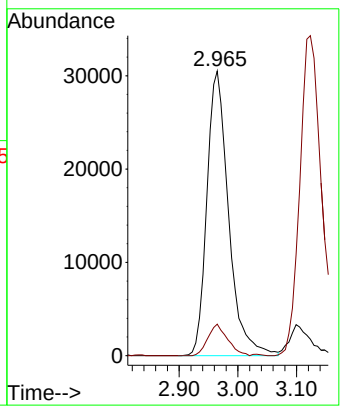


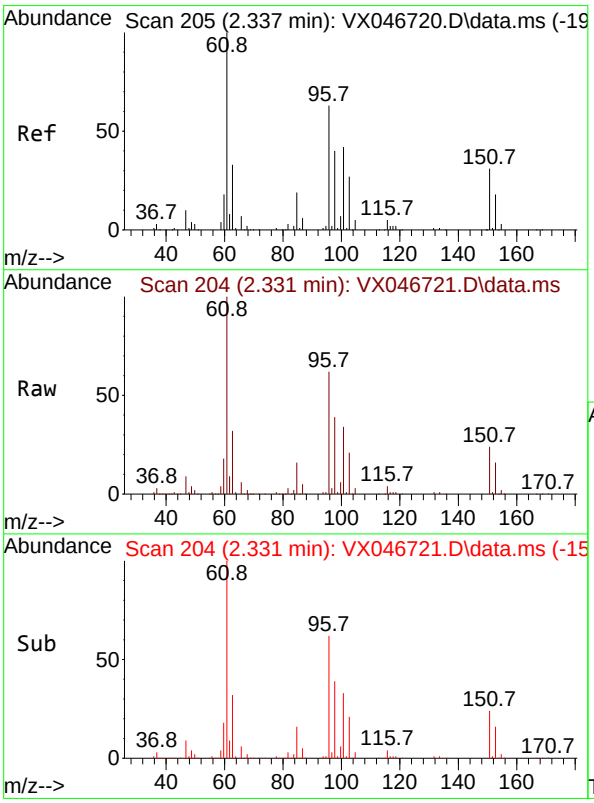
#11
Tert butyl alcohol
Concen: 571.345 ug/l
RT: 2.965 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 78366

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

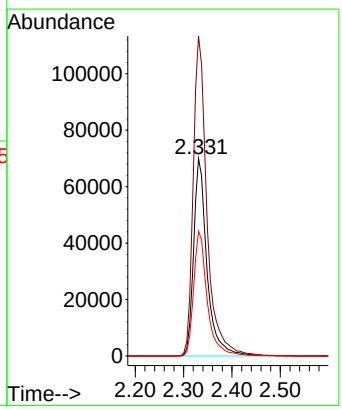


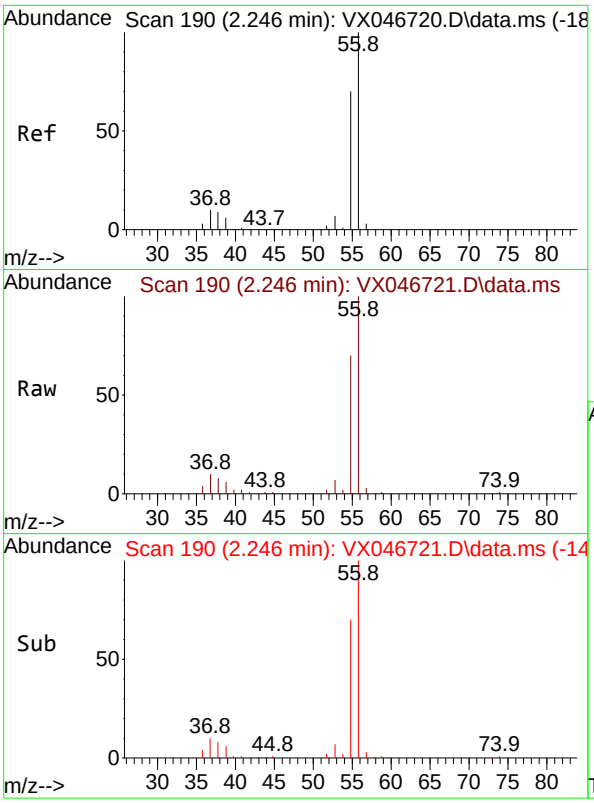


#12
1,1-Dichloroethene
Concen: 110.347 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 96 Resp: 134660

Ion	Ratio	Lower	Upper
96	100		
61	161.9	126.6	189.8
98	63.0	50.7	76.1



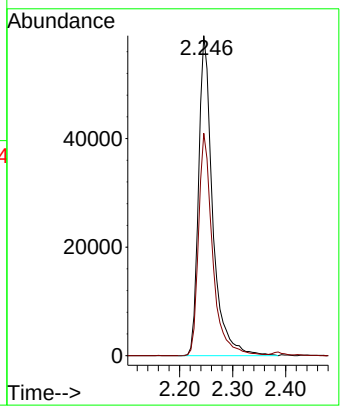


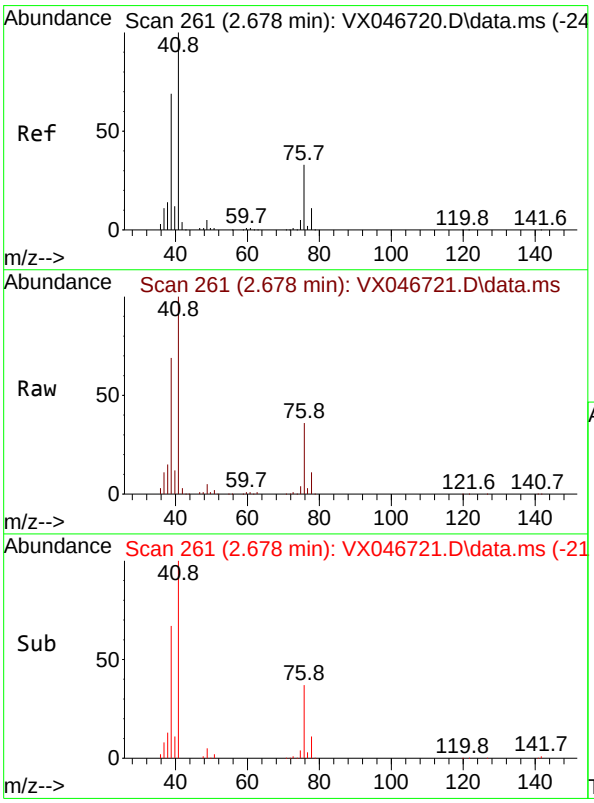
#13
Acrolein
Concen: 544.566 ug/l
RT: 2.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 108796

Ion	Ratio	Lower	Upper
56	100		
55	69.7	55.2	82.8

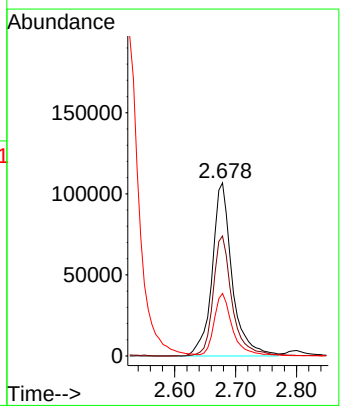


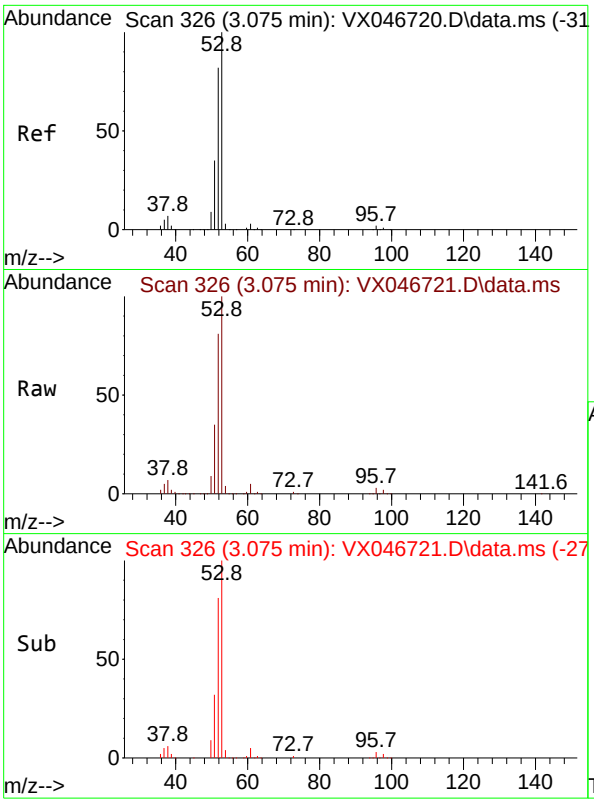


#14
Allyl chloride
Concen: 110.119 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 41 Resp: 243477

Ion	Ratio	Lower	Upper
41	100		
39	66.5	53.6	80.4
76	33.6	26.8	40.2



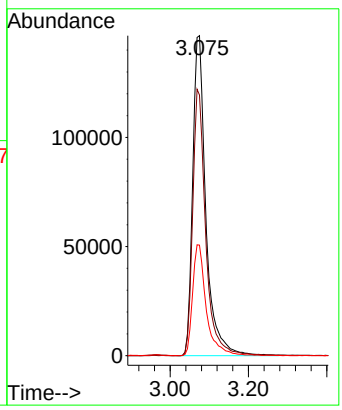


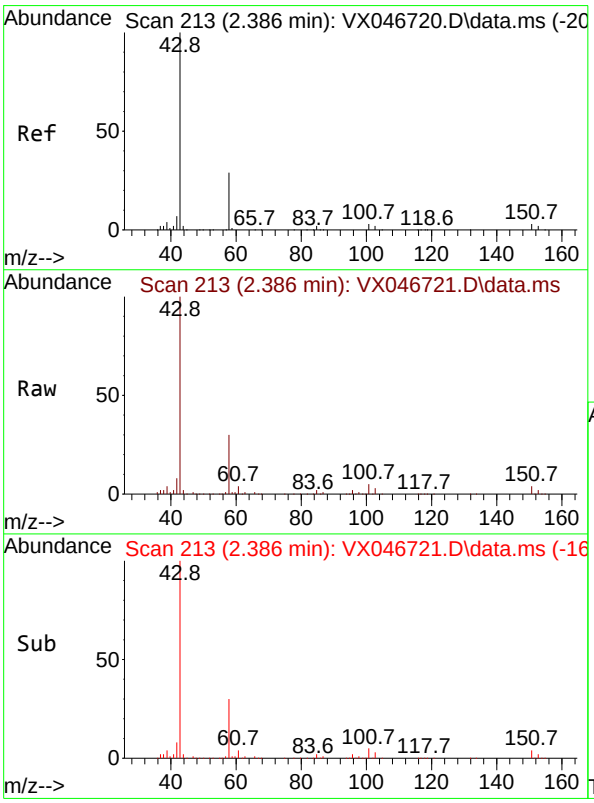
#15
Acrylonitrile
Concen: 559.348 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 344981

Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.1	97.7
51	36.0	28.9	43.3

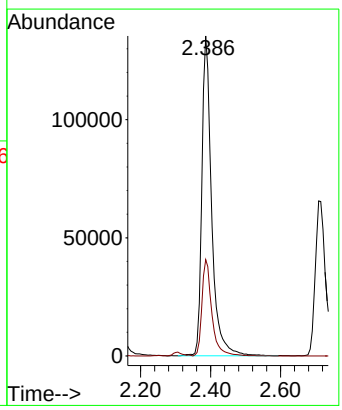


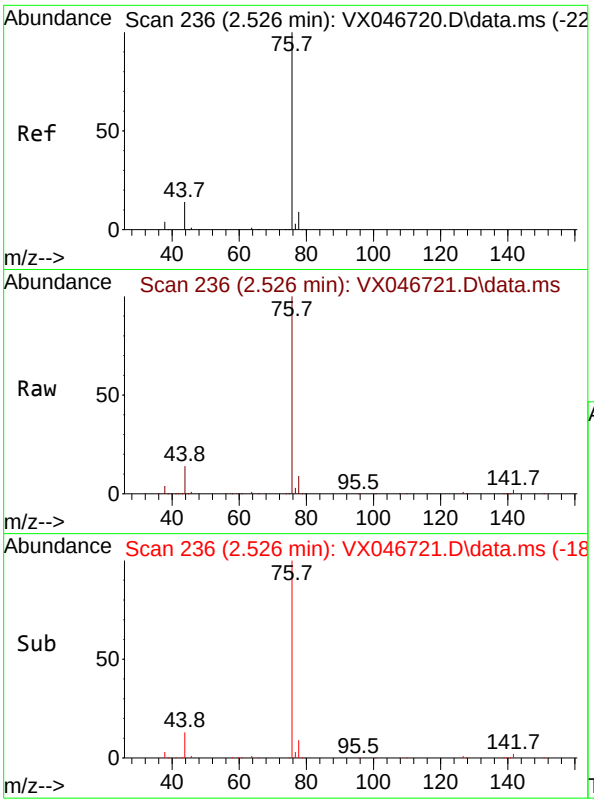


#16
Acetone
Concen: 516.133 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 263024

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.5	36.7



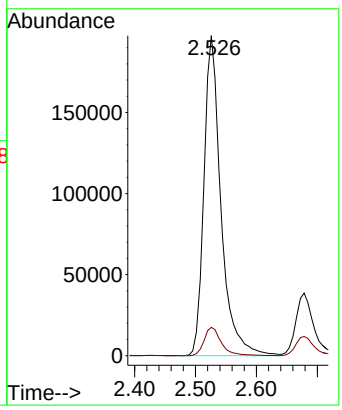


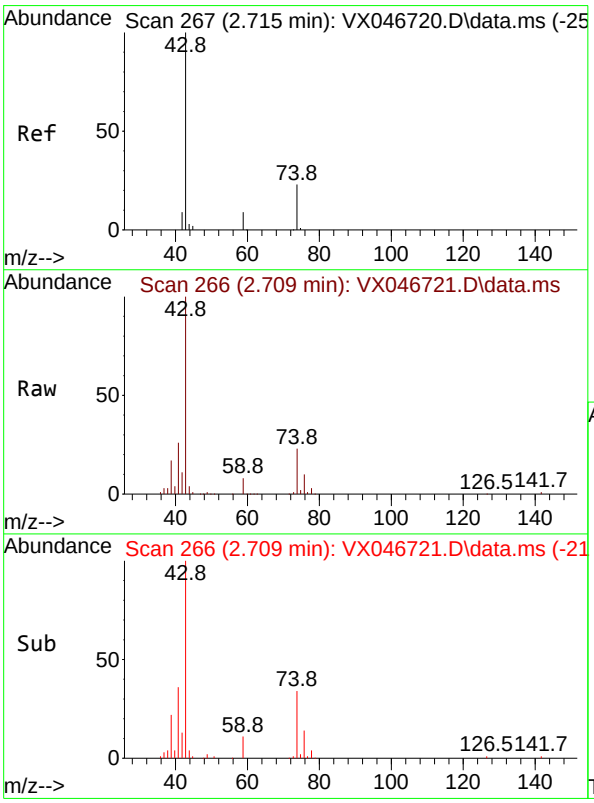
#17
Carbon Disulfide
Concen: 104.026 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 383348

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

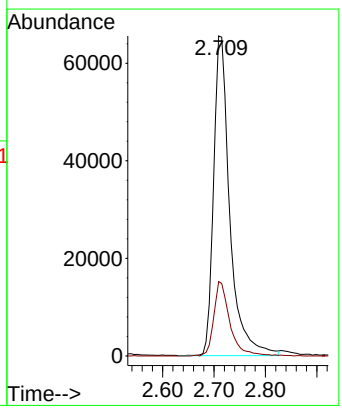


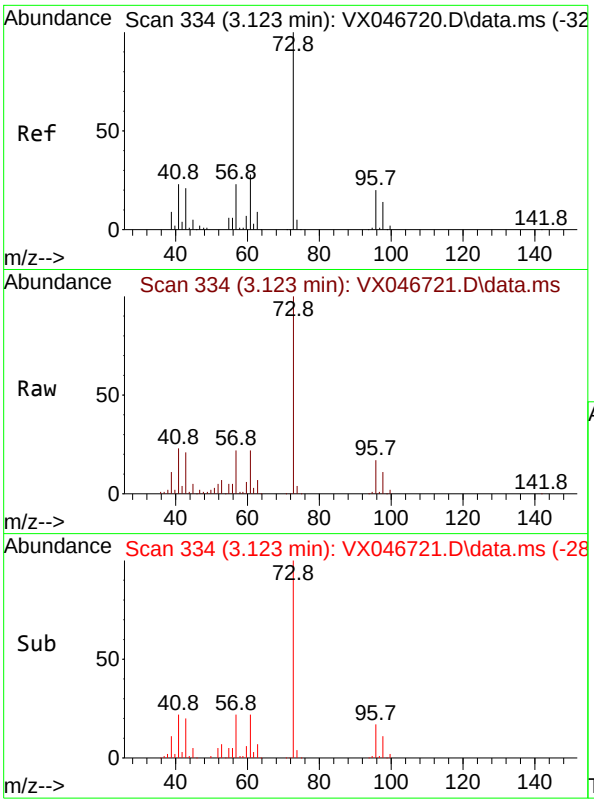


#18
Methyl Acetate
Concen: 110.909 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 143551

Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.4	27.6



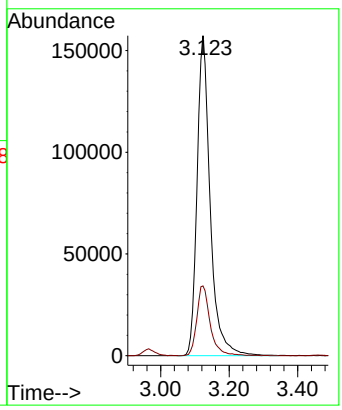


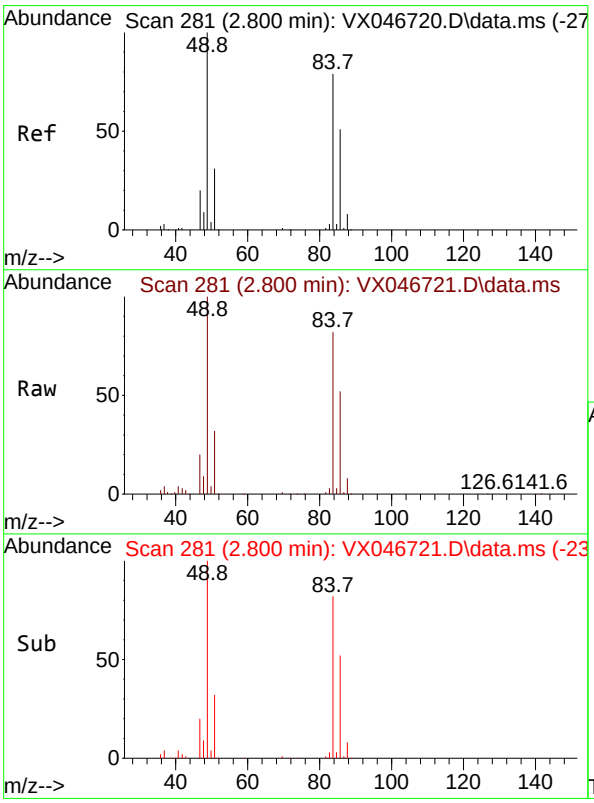
#19
Methyl tert-butyl Ether
Concen: 110.387 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 419445

Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.2	27.2

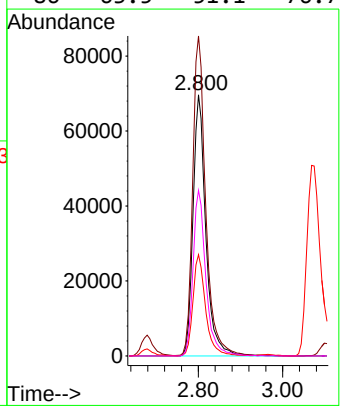


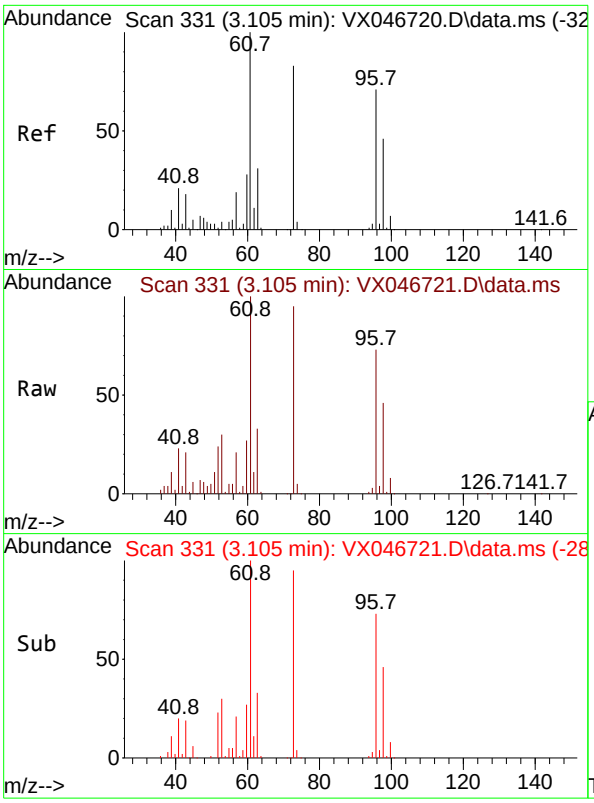


#20
Methylene Chloride
Concen: 103.828 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 84 Resp: 147144

Ion	Ratio	Lower	Upper
84	100		
49	122.3	101.3	151.9
51	38.8	31.0	46.6
86	63.5	51.1	76.7



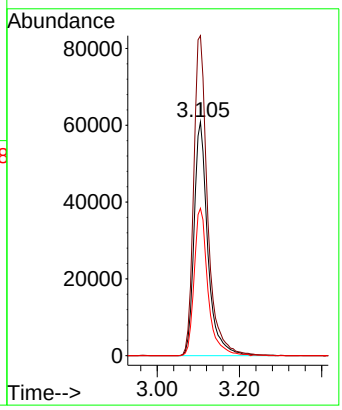


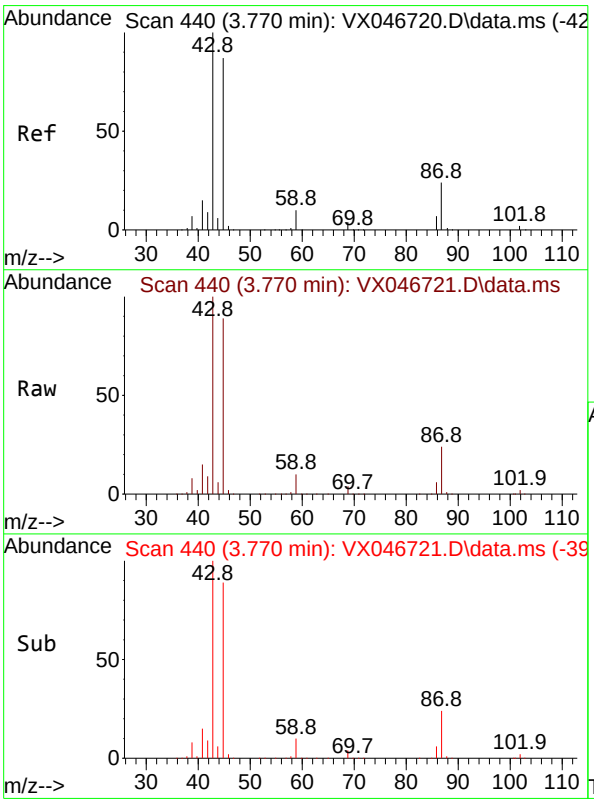
#21
trans-1,2-Dichloroethene
Concen: 107.824 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 140792

Ion	Ratio	Lower	Upper
96	100		
61	136.9	112.5	168.7
98	63.1	51.9	77.9

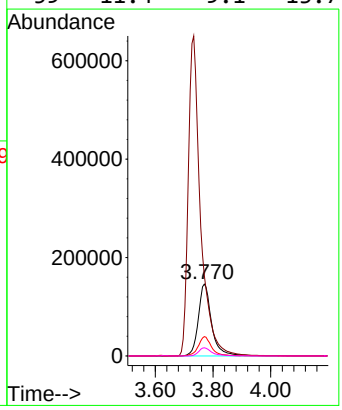


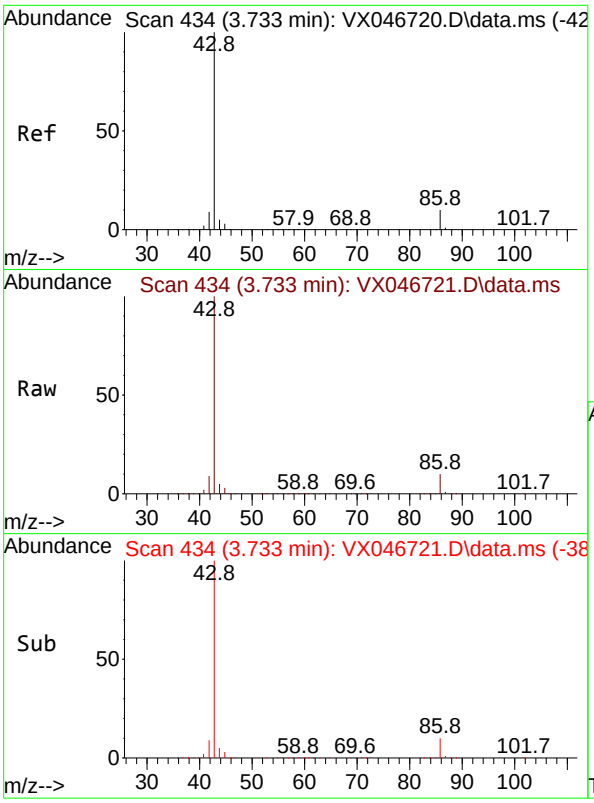


#22
Diisopropyl ether
Concen: 109.846 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 45 Resp: 466831

Ion	Ratio	Lower	Upper
45	100		
43	112.3	91.9	137.9
87	26.8	22.0	33.0
59	11.4	9.1	13.7



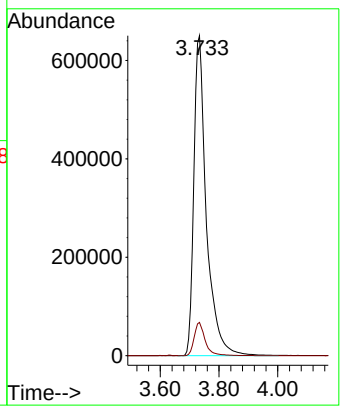


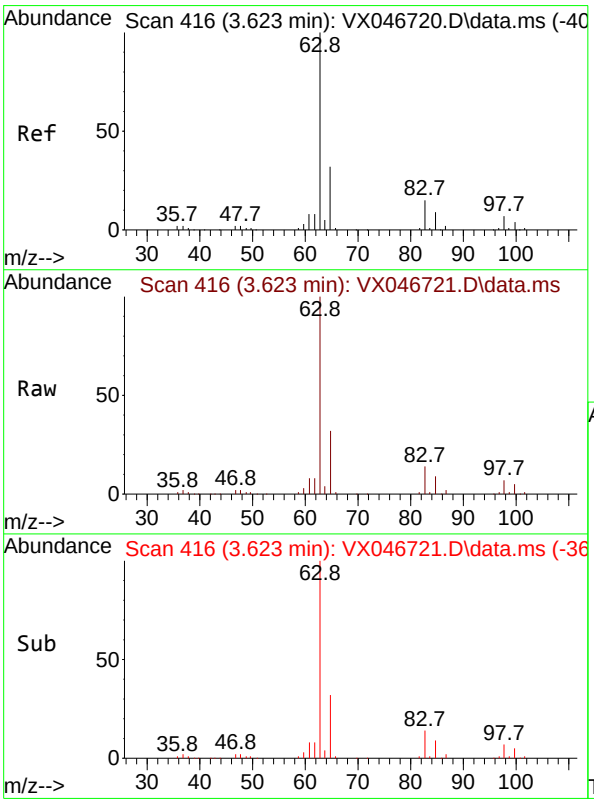
#23
Vinyl Acetate
Concen: 571.126 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1930136

Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.2	12.2

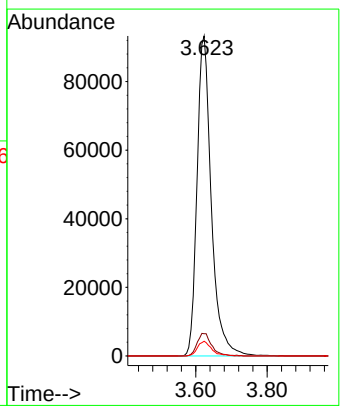


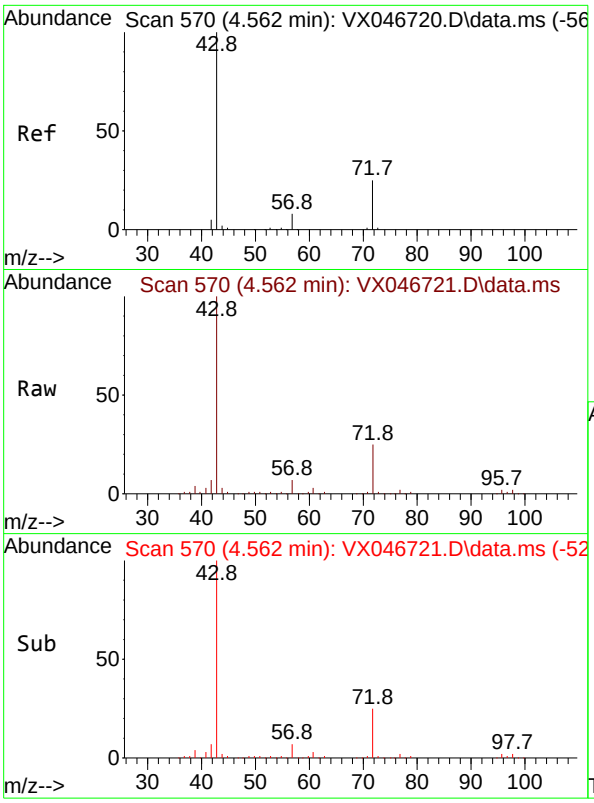


#24
1,1-Dichloroethane
Concen: 107.149 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 63 Resp: 258546

Ion	Ratio	Lower	Upper
63	100		
98	7.0	4.0	11.9
100	4.6	2.2	6.6



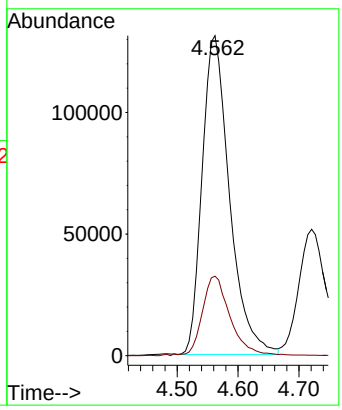


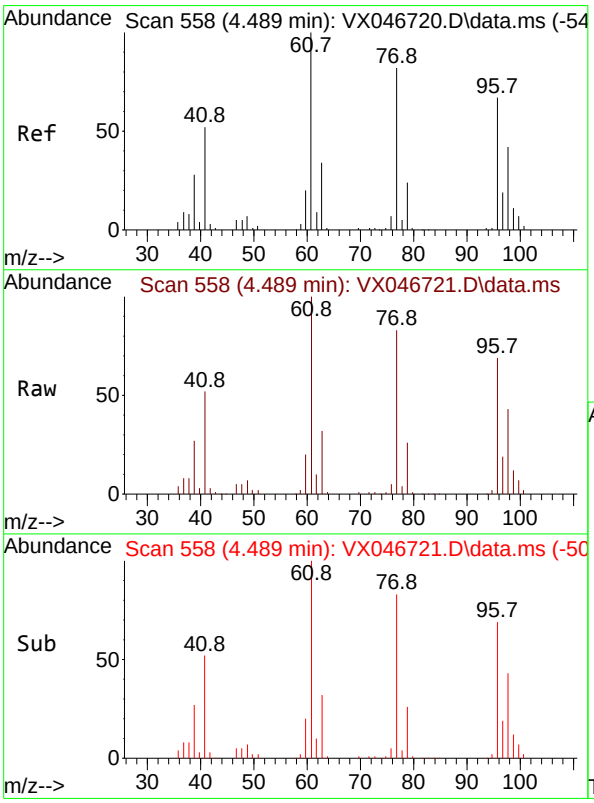
#25
2-Butanone
Concen: 568.810 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 409960

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.2	30.4

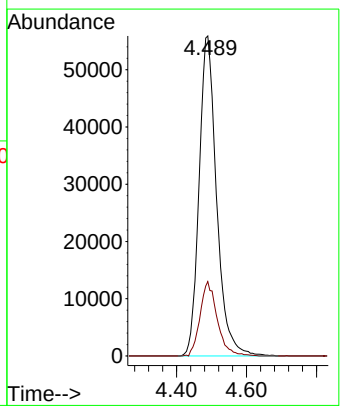


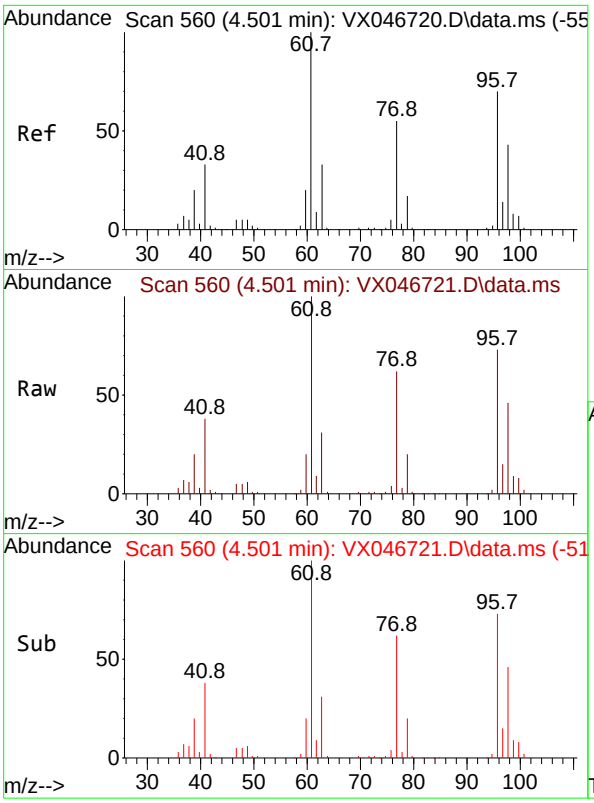


#26
2,2-Dichloropropane
Concen: 110.239 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 77 Resp: 194006

Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.8	35.3



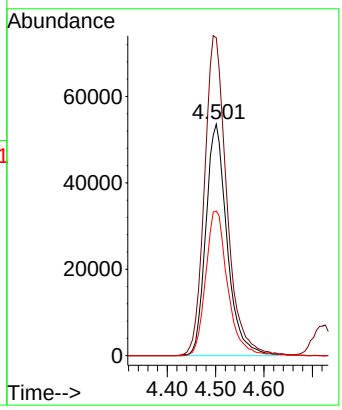


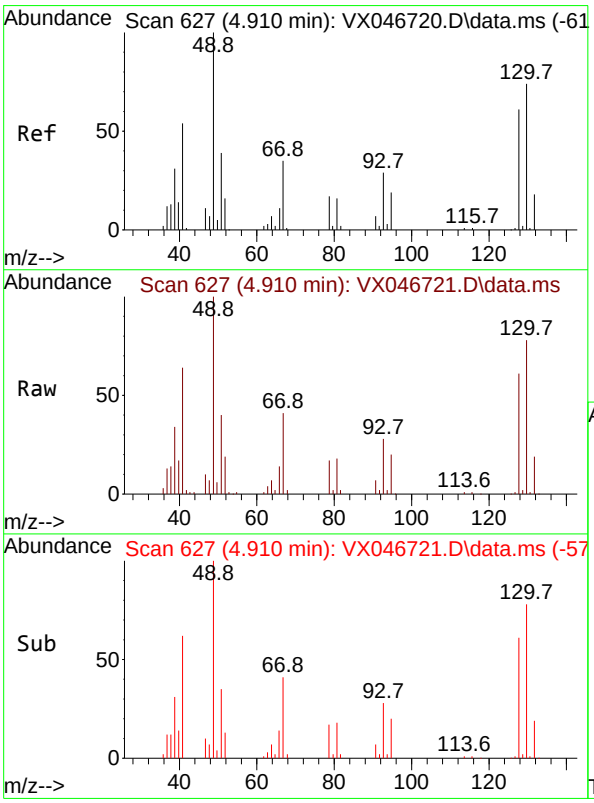
#27
cis-1,2-Dichloroethene
Concen: 106.691 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 163672

Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	291.0
98	64.6	0.0	126.8

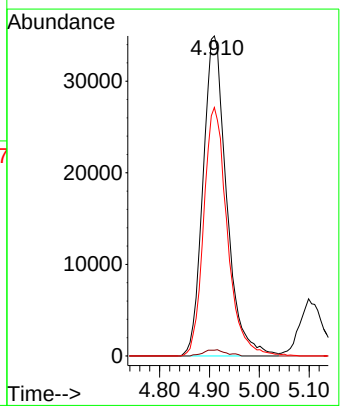


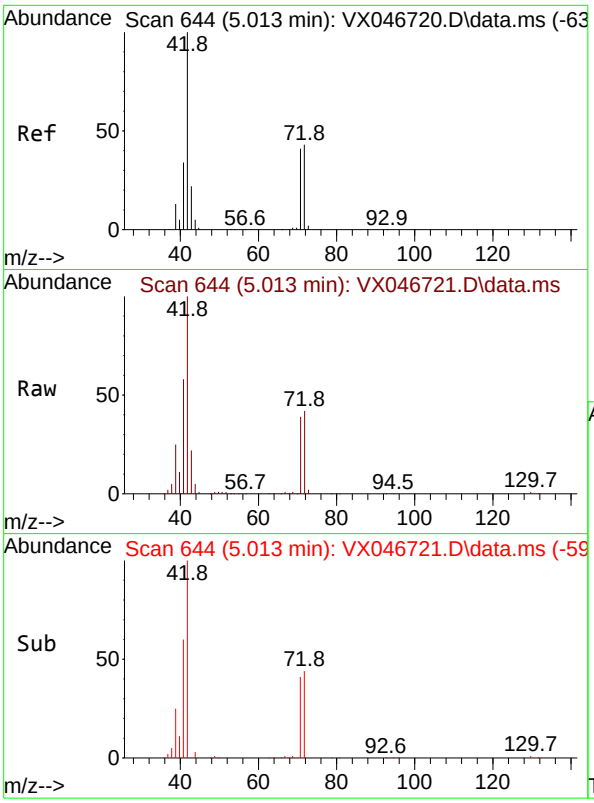


#28
Bromochloromethane
Concen: 104.869 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 49 Resp: 114720

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	77.6	61.4	92.0



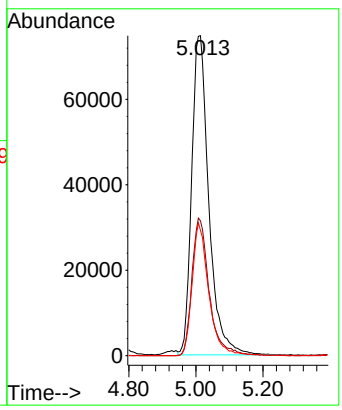


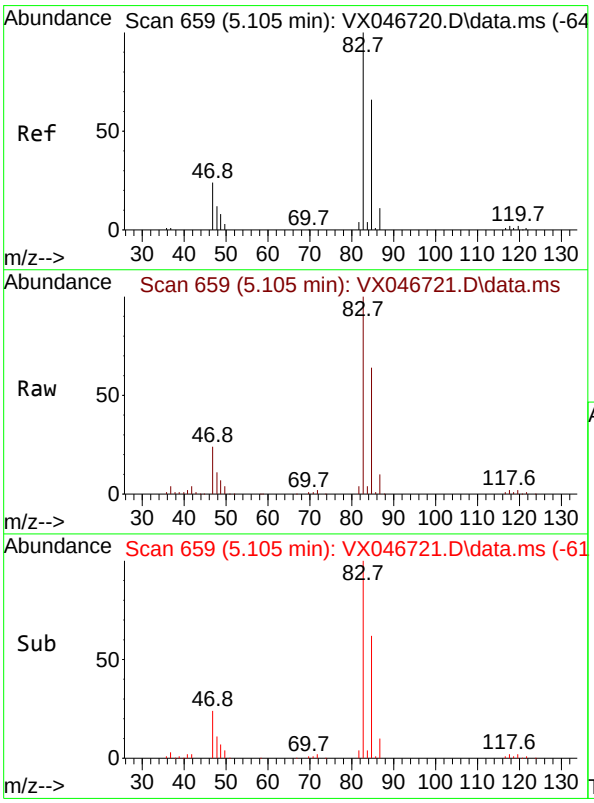
#29
Tetrahydrofuran
Concen: 569.746 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 265233

Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.9	52.3
71	40.2	32.2	48.2

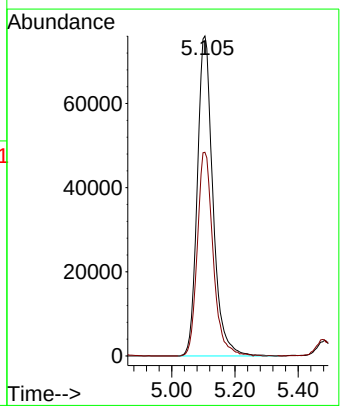


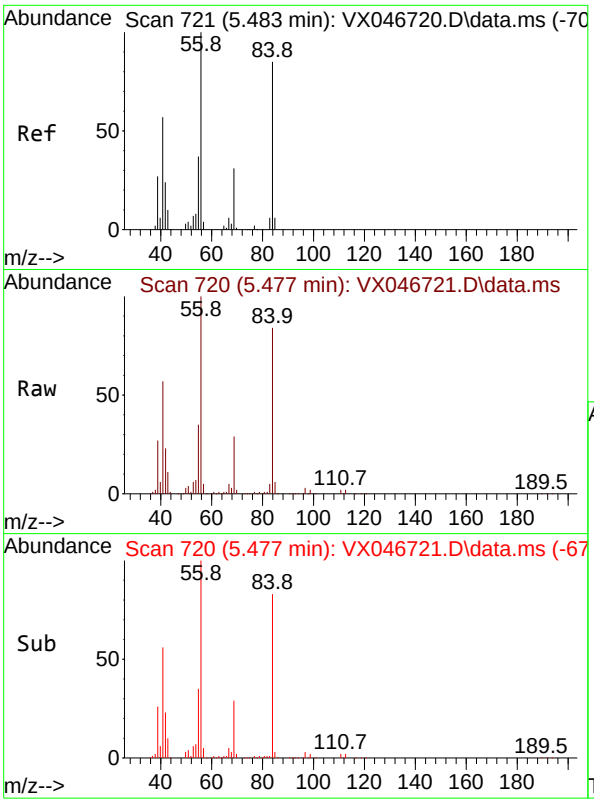


#30
Chloroform
Concen: 108.113 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 83 Resp: 260888

Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.7	80.5



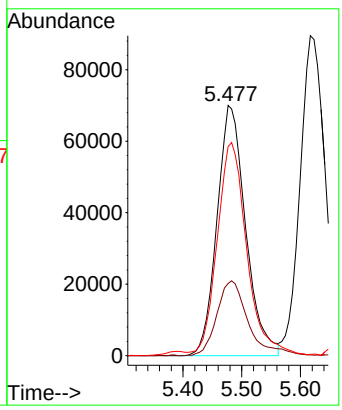


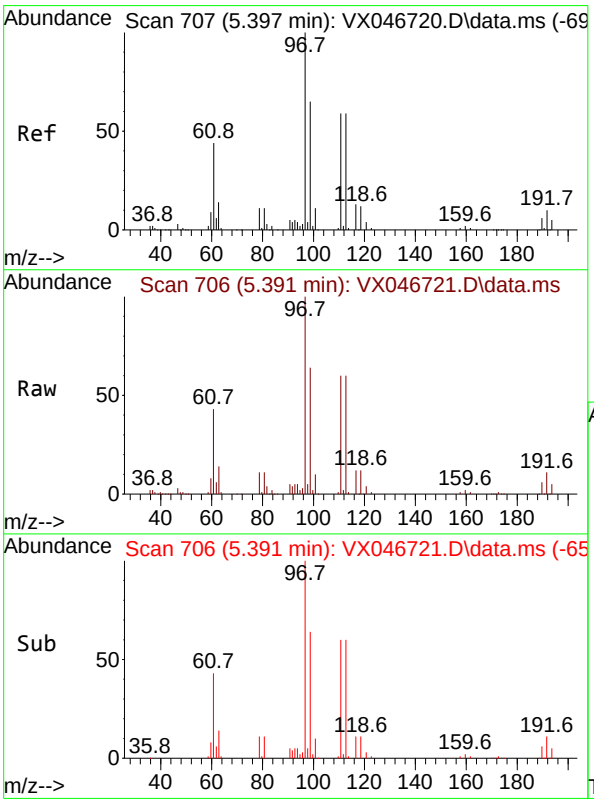
#31
Cyclohexane
Concen: 103.757 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 237424

Ion	Ratio	Lower	Upper
56	100		
69	28.9	24.8	37.2
84	81.9	68.2	102.2

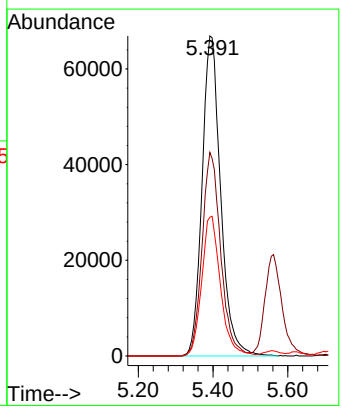


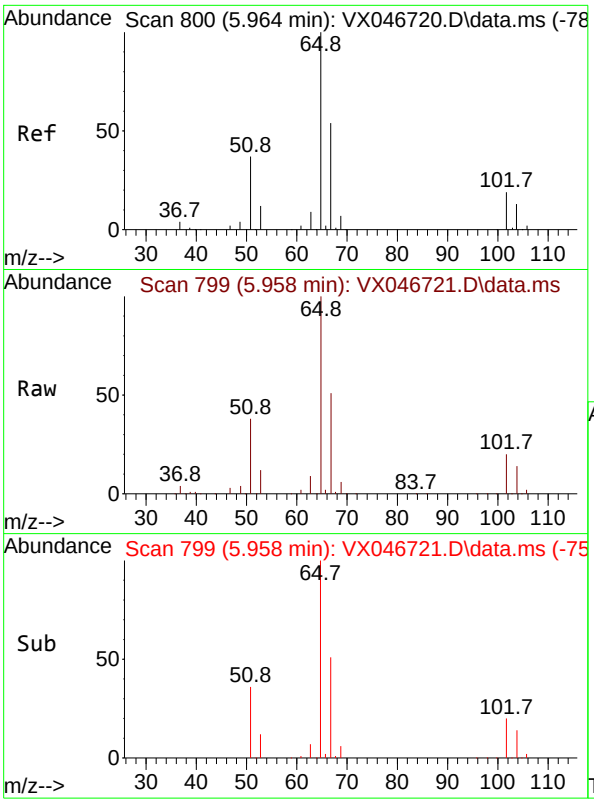


#32
1,1,1-Trichloroethane
Concen: 109.198 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 97 Resp: 231101

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	44.1	36.4	54.6



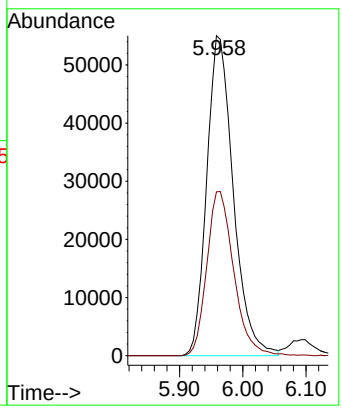


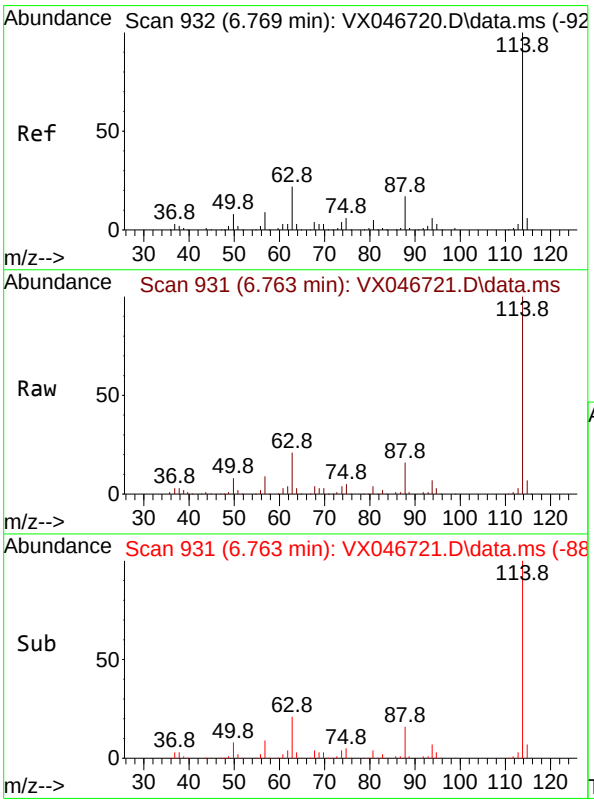
#33
1,2-Dichloroethane-d4
Concen: 105.037 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 160514

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.4

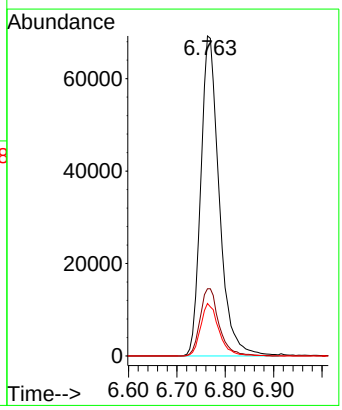


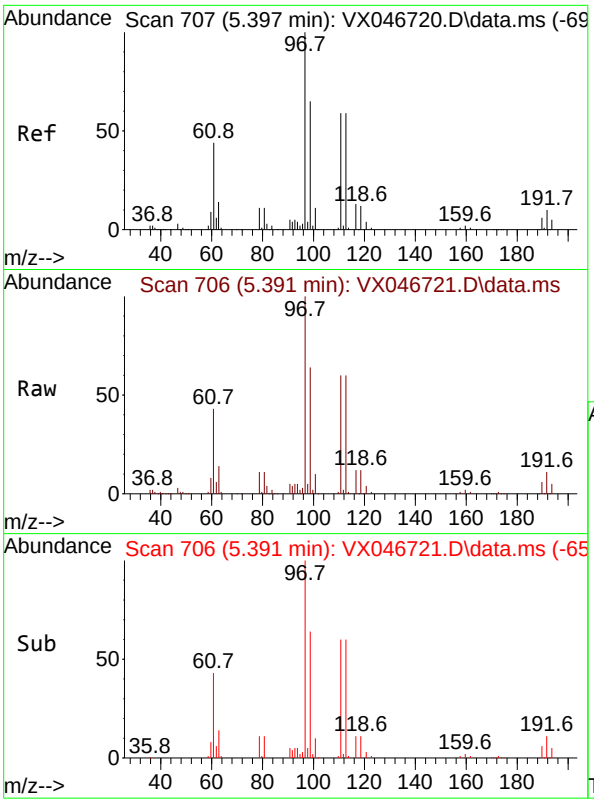


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:114 Resp: 183300

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	44.2
88	16.4	0.0	33.2



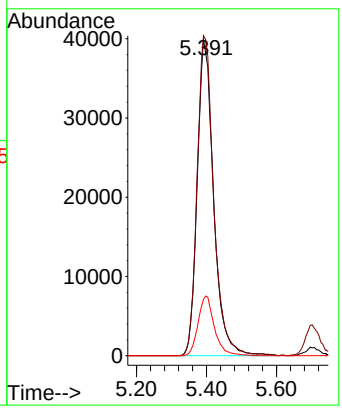


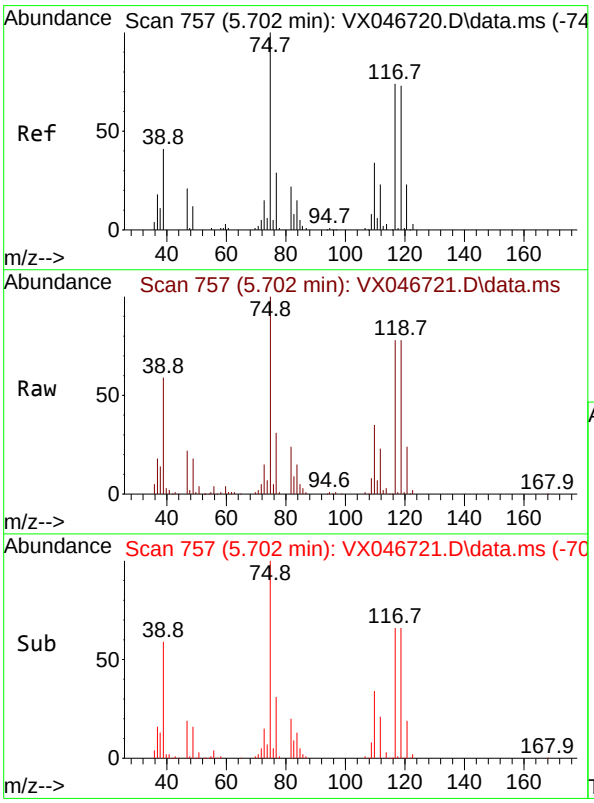
#35
Dibromofluoromethane
Concen: 107.136 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 129932

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	18.7	15.3	22.9

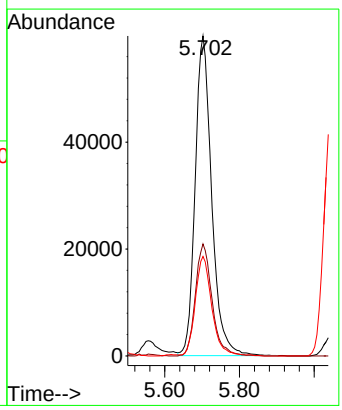


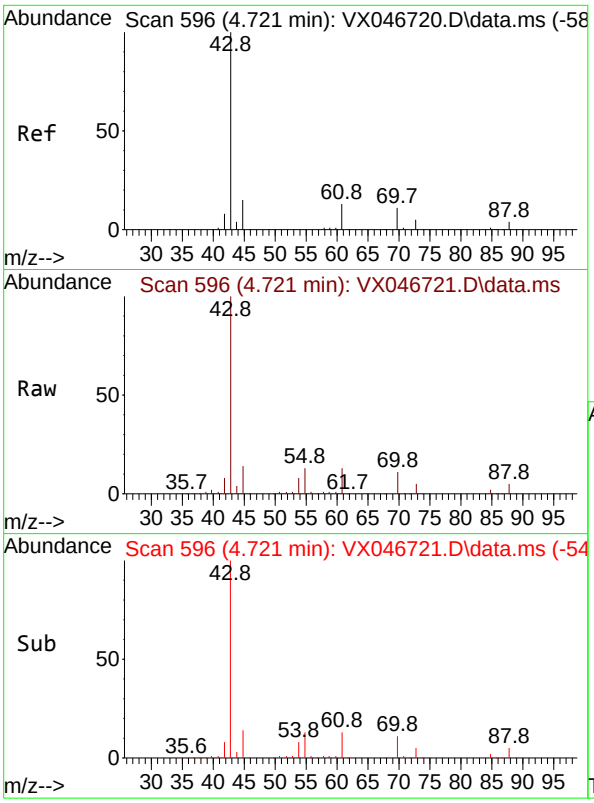


#36
1,1-Dichloropropene
Concen: 104.733 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 183355

Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.2	51.5
77	31.2	24.2	36.4



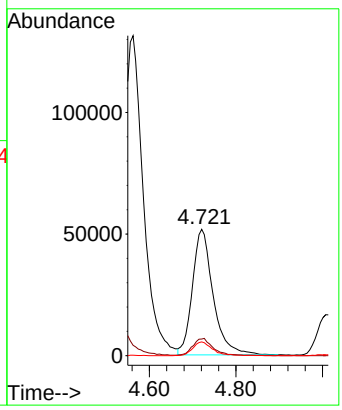


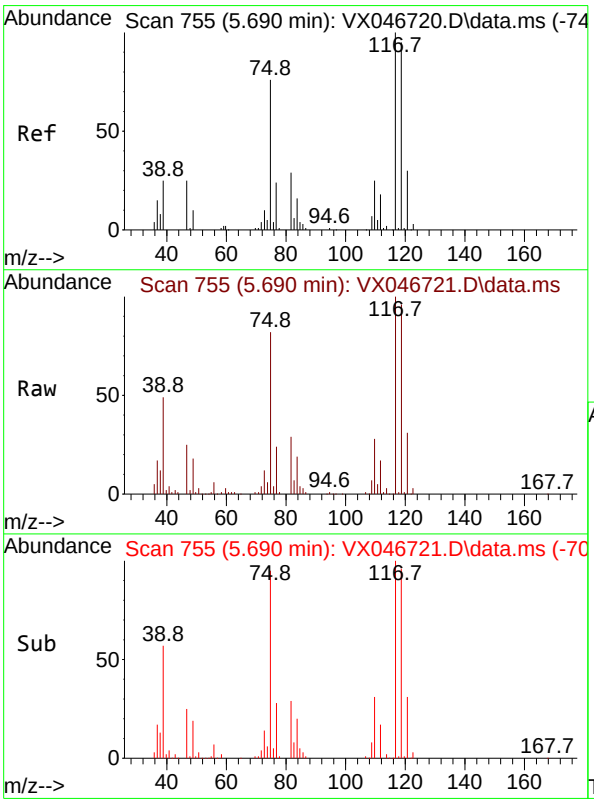
#37
Ethyl Acetate
Concen: 106.094 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 171444

Ion	Ratio	Lower	Upper
43	100		
61	13.8	9.7	14.5
70	10.4	8.1	12.1

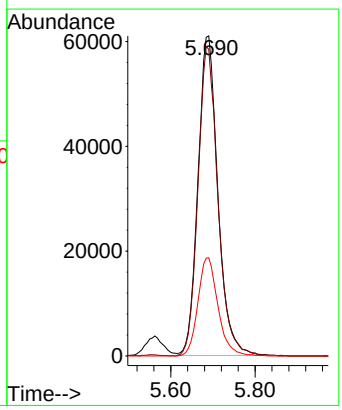


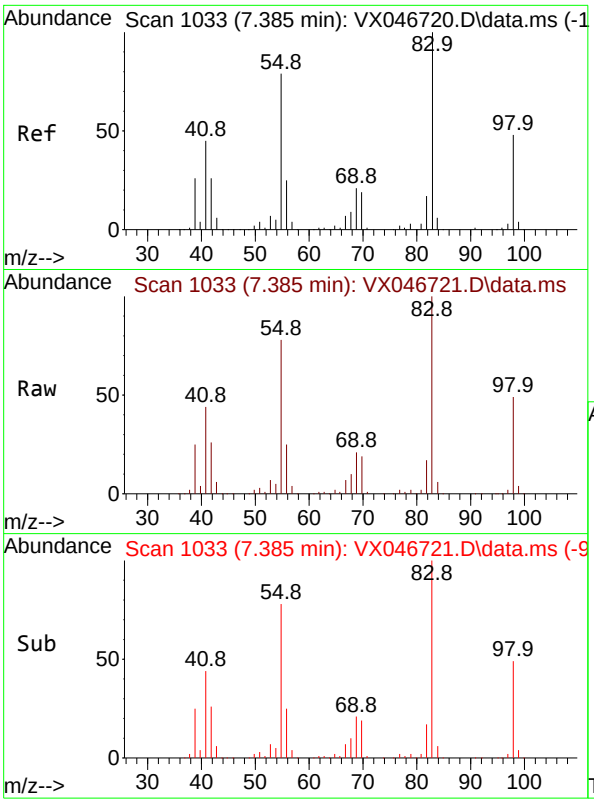


#38
Carbon Tetrachloride
Concen: 105.749 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:117 Resp: 200914

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.2	112.8
121	30.8	24.1	36.1



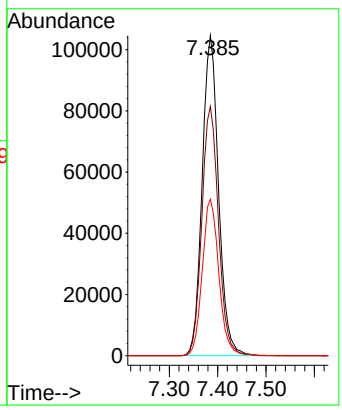


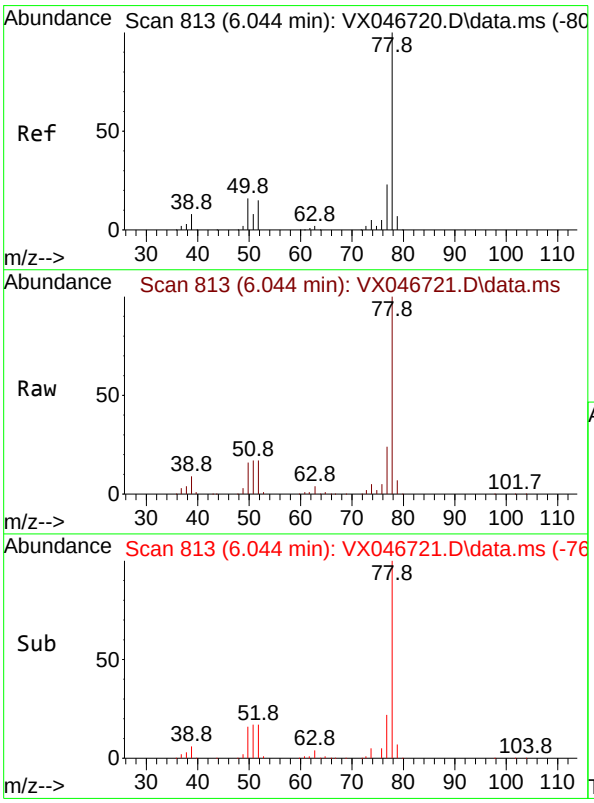
#39
Methylcyclohexane
Concen: 106.902 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 246277

Ion	Ratio	Lower	Upper
83	100		
55	77.9	63.0	94.4
98	48.8	38.8	58.2

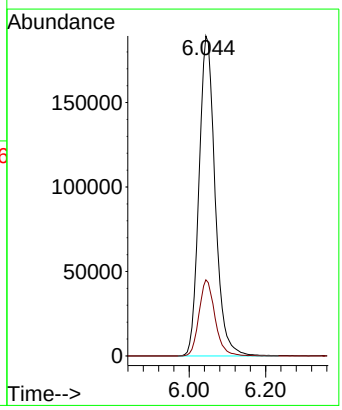


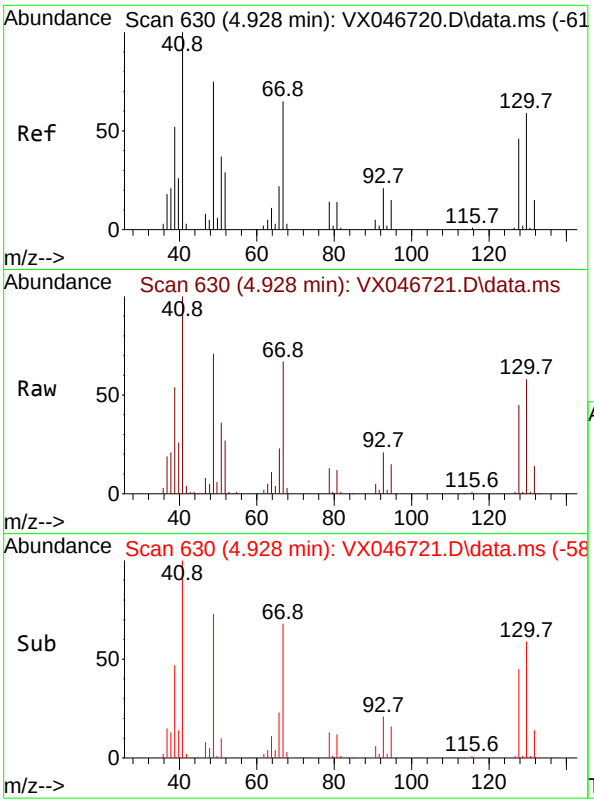


#40
Benzene
Concen: 106.798 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 78 Resp: 553336

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2



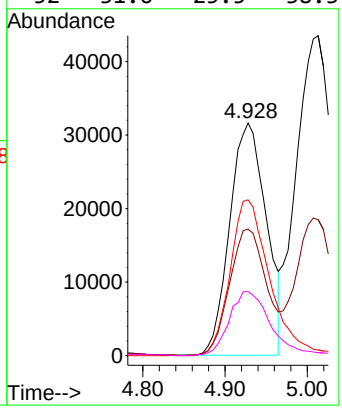


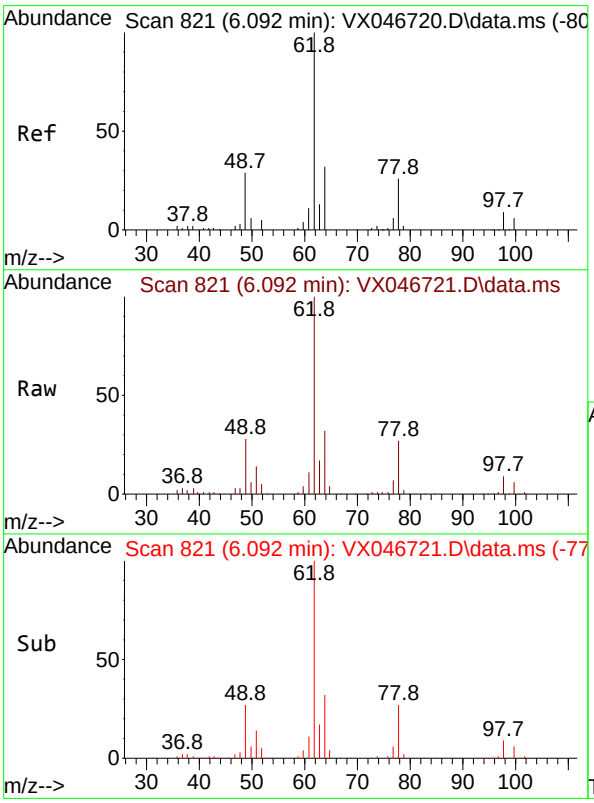
#41
Methacrylonitrile
Concen: 113.502 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 97782

Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.9	68.9
67	73.6	61.2	91.8
52	31.6	25.5	38.3

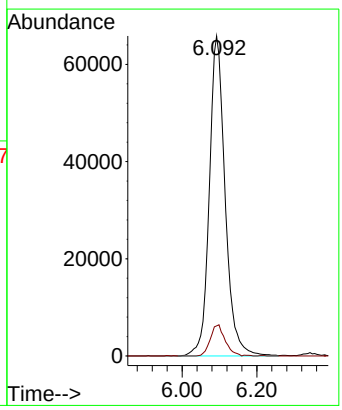


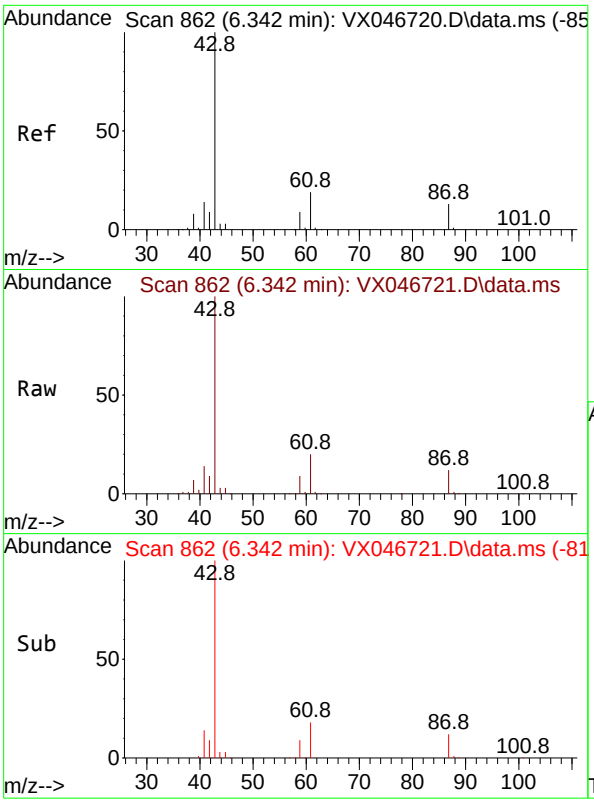


#42
1,2-Dichloroethane
Concen: 106.278 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 62 Resp: 193498

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



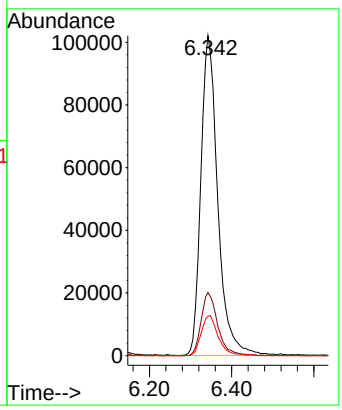


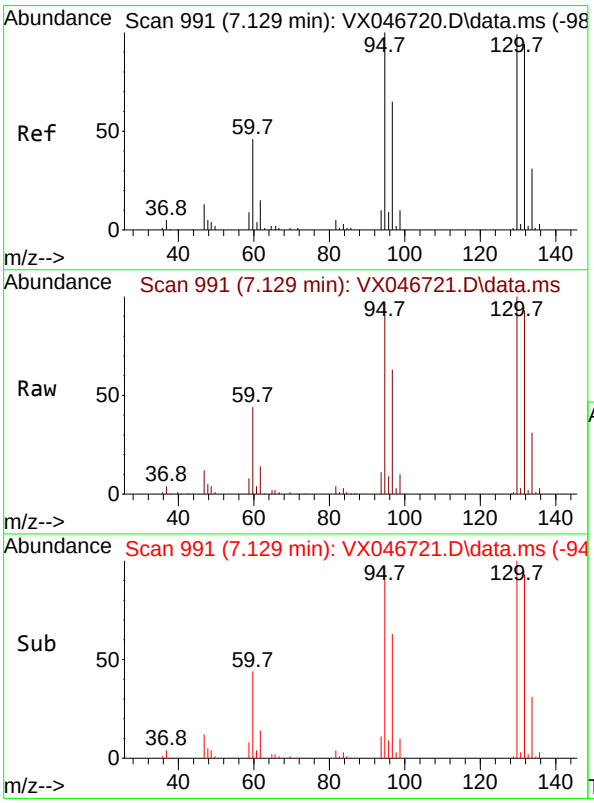
#43
Isopropyl Acetate
Concen: 115.264 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 291467

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.3	22.9
87	12.5	10.0	15.0

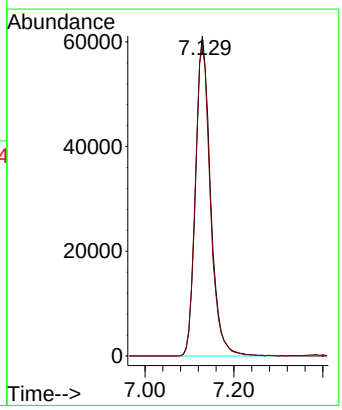


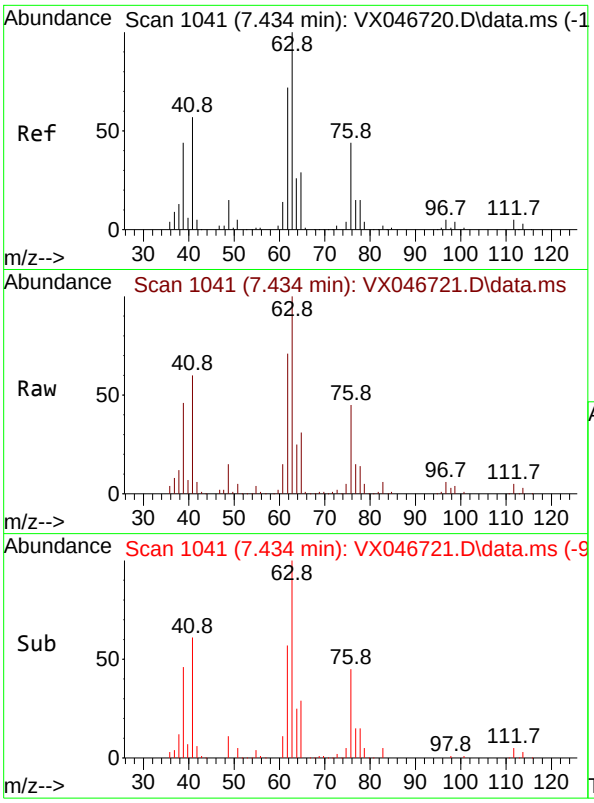


#44
Trichloroethene
Concen: 108.043 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:130 Resp: 142659

Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	202.6



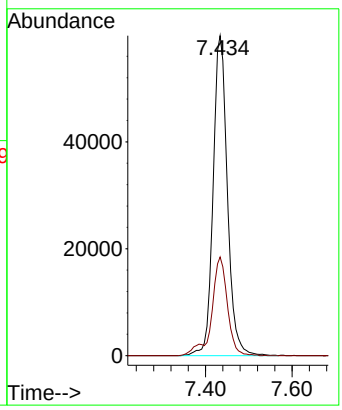


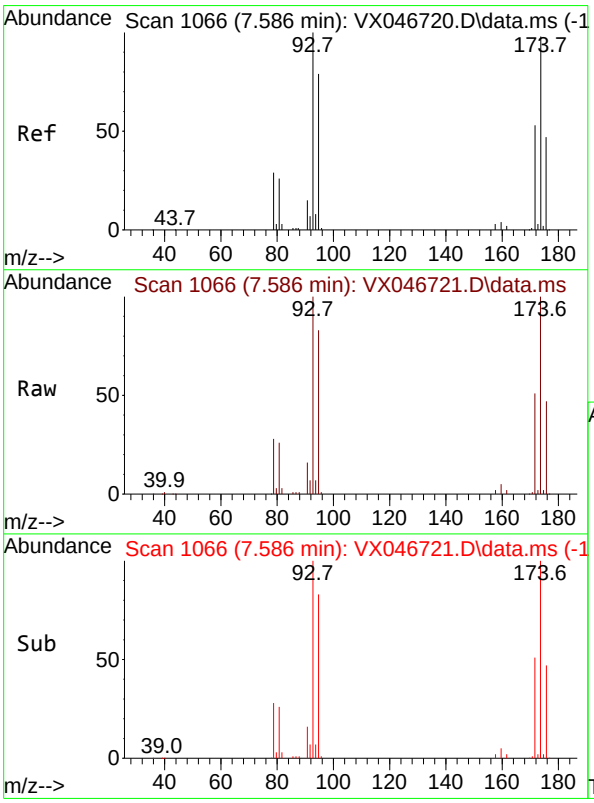
#45
1,2-Dichloropropane
Concen: 106.920 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 137291

Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.9	34.3

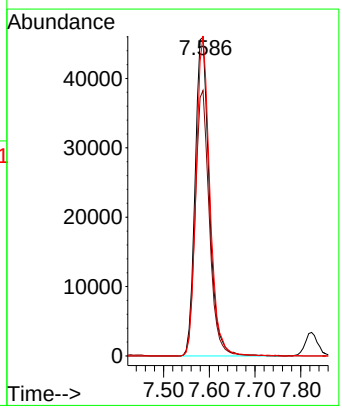


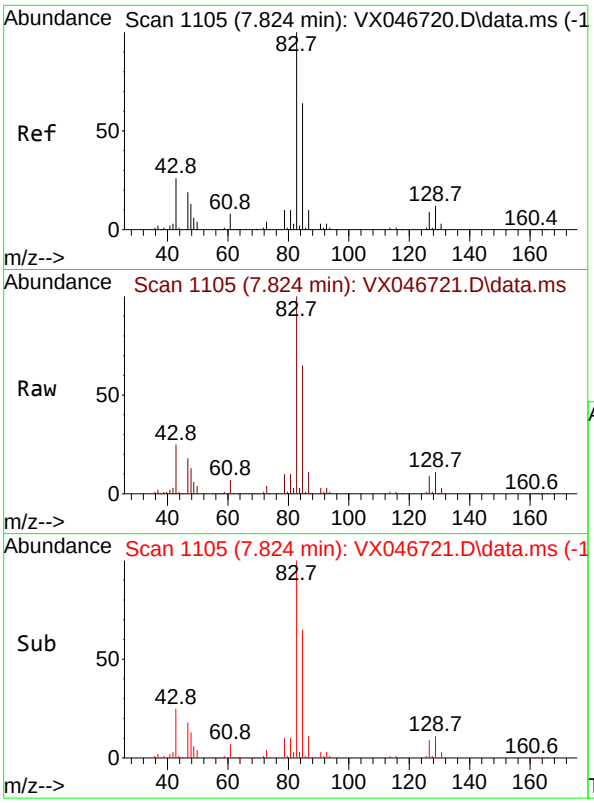


#46
Dibromomethane
Concen: 107.240 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 93 Resp: 98964

Ion	Ratio	Lower	Upper
93	100		
95	82.5	66.2	99.4
174	97.4	77.0	115.6



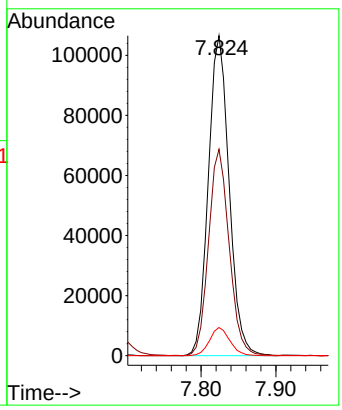


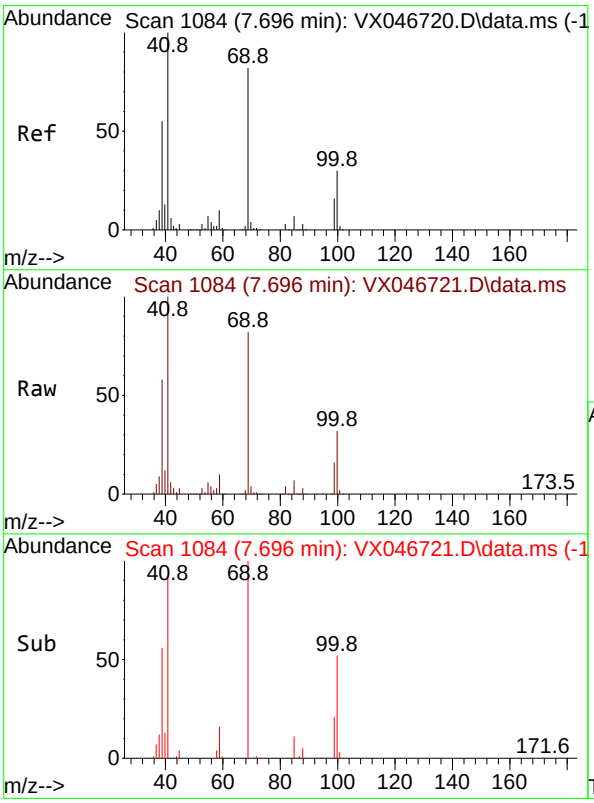
#47
Bromodichloromethane
Concen: 109.319 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 205870

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.2
127	8.8	6.9	10.3

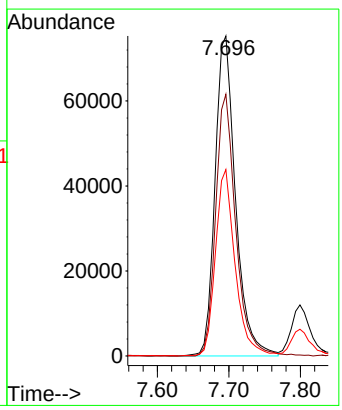


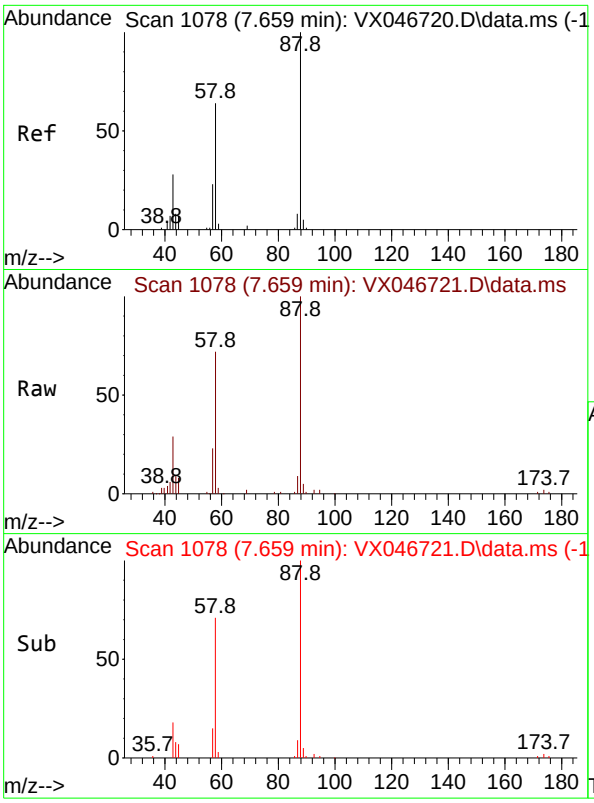


#48
Methyl methacrylate
Concen: 118.279 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 41 Resp: 150002

Ion	Ratio	Lower	Upper
41	100		
69	80.4	63.4	95.2
39	56.2	45.4	68.0



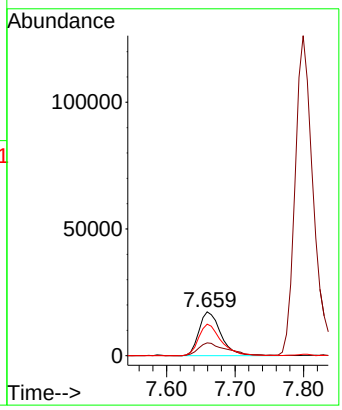


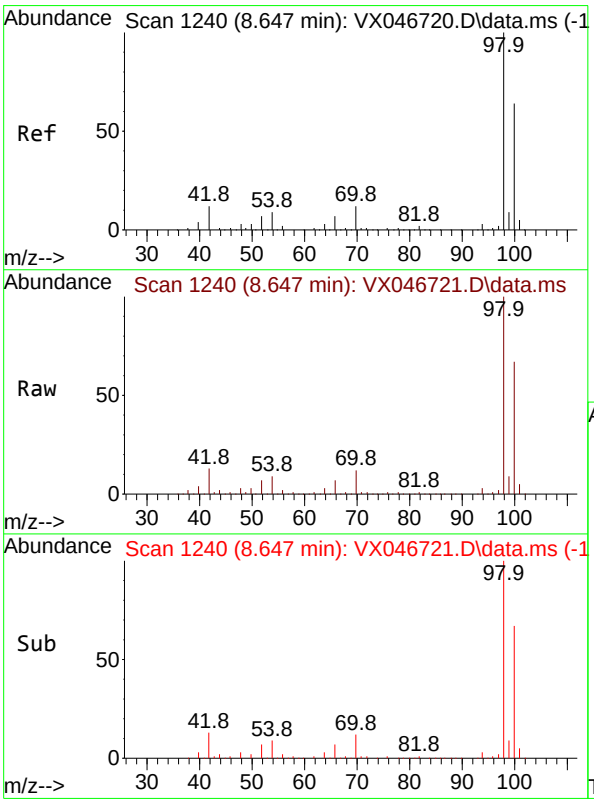
#49
1,4-Dioxane
Concen: 2040.447 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 38203

Ion	Ratio	Lower	Upper
88	100		
43	37.8	31.2	46.8
58	73.7	54.7	82.1

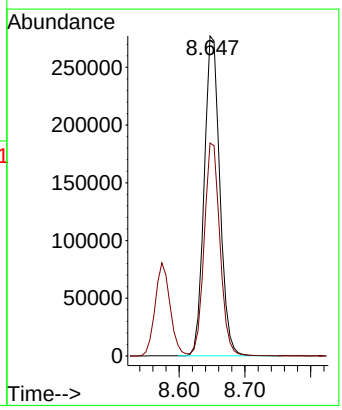


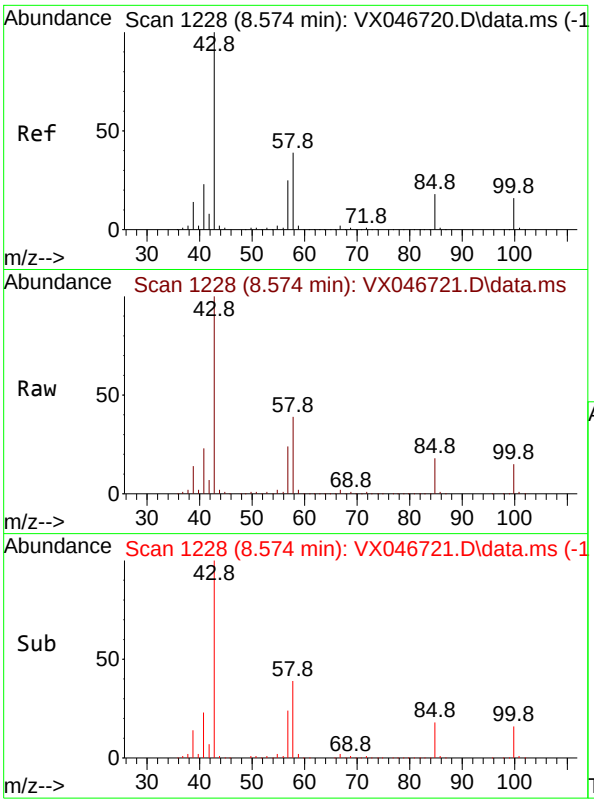


#50
Toluene-d8
Concen: 105.153 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 98 Resp: 458174

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4



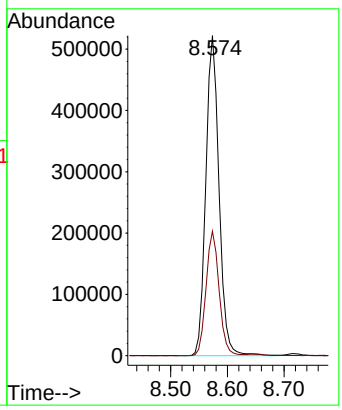


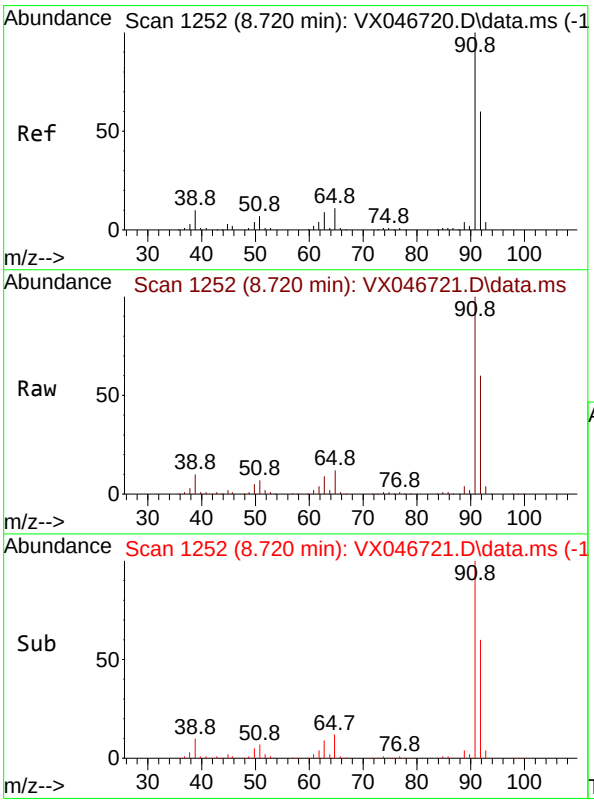
#51
4-Methyl-2-Pentanone
Concen: 559.584 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 843944

Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.8	46.2

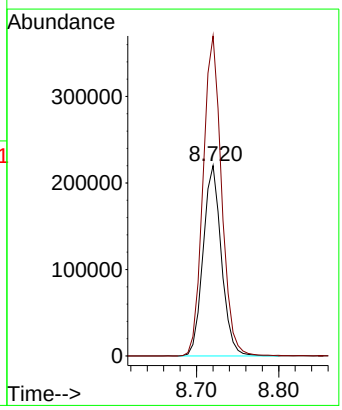


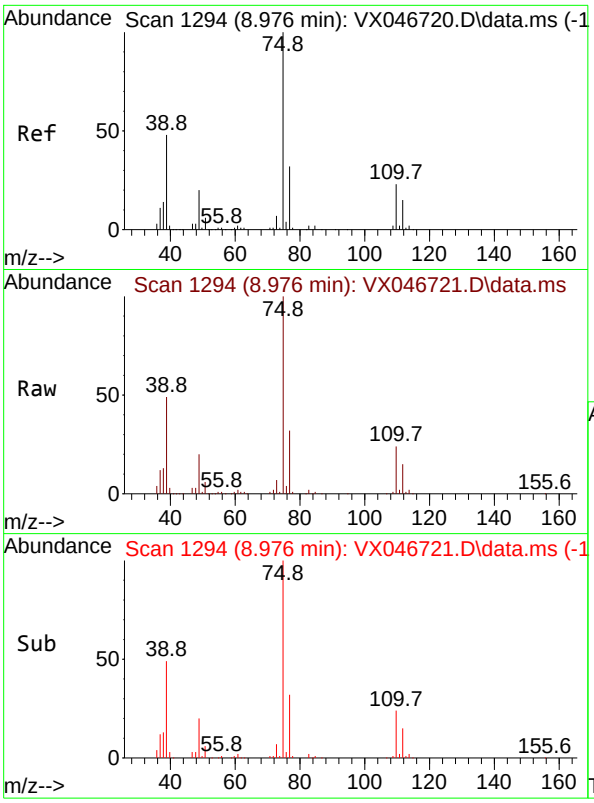


#52
Toluene
Concen: 105.772 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 92 Resp: 339735

Ion	Ratio	Lower	Upper
92	100		
91	170.4	134.8	202.2



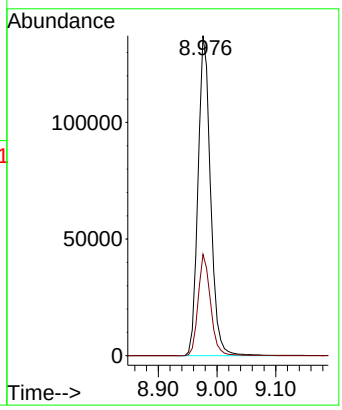


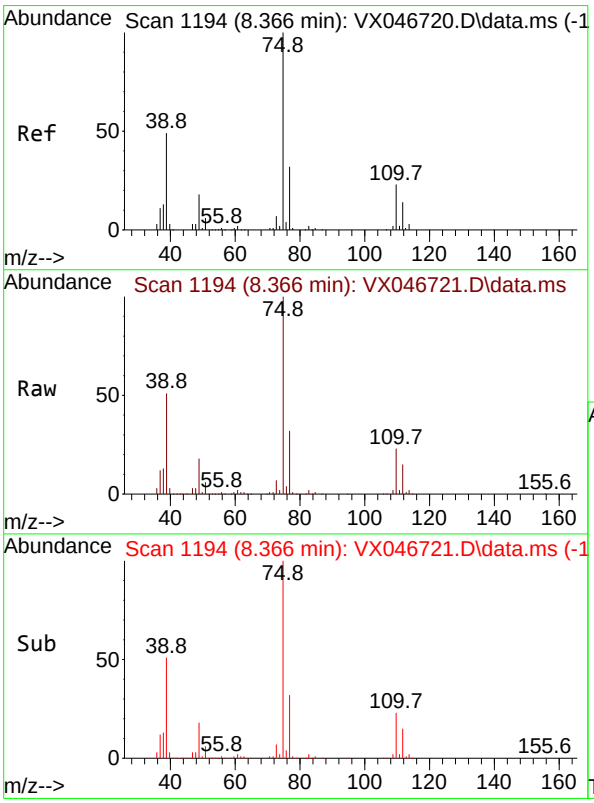
#53
t-1,3-Dichloropropene
Concen: 116.448 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 203470

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.6	38.4

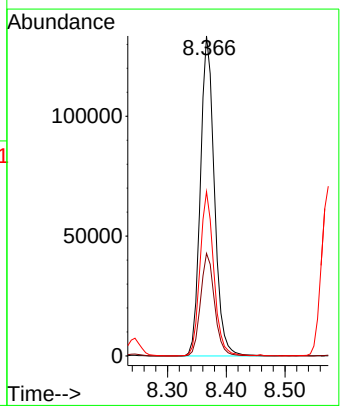


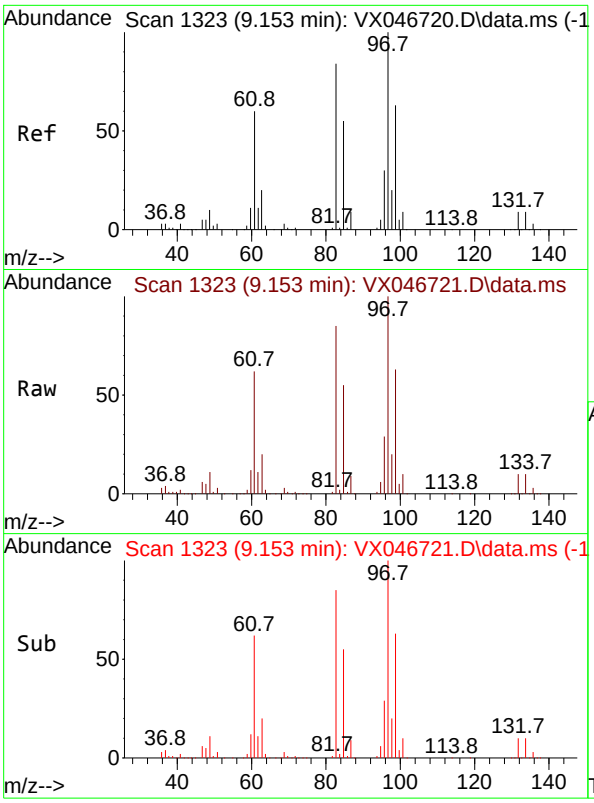


#54
cis-1,3-Dichloropropene
Concen: 111.537 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 221241

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	51.0	39.2	58.8



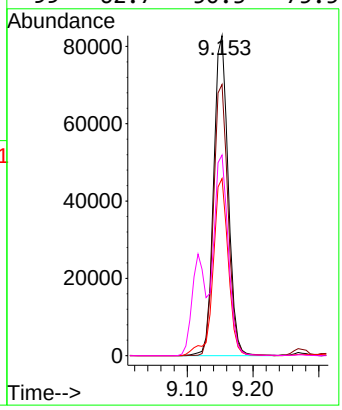


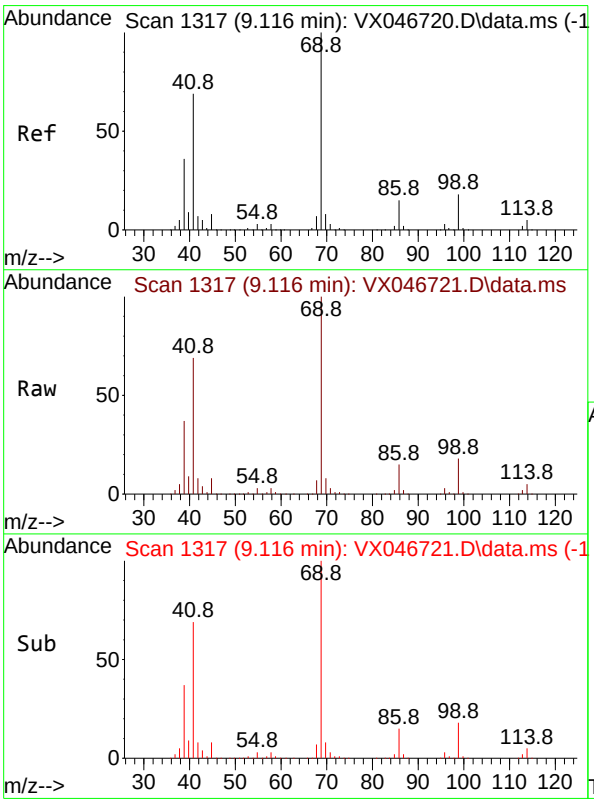
#55
1,1,2-Trichloroethane
Concen: 106.264 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 127195

Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.2	100.8
85	55.4	44.1	66.1
99	62.7	50.3	75.5

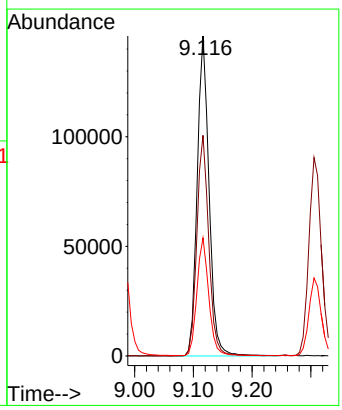


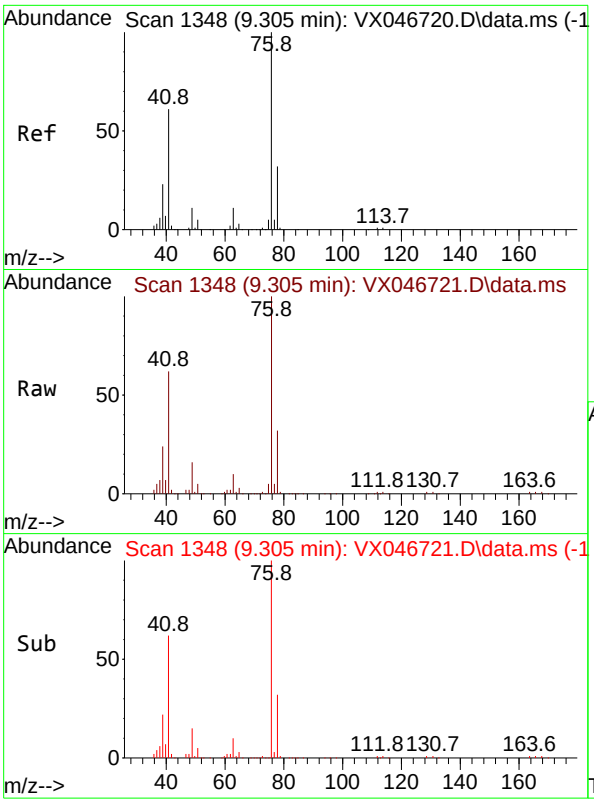


#56
Ethyl methacrylate
Concen: 116.106 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 69 Resp: 205153

Ion	Ratio	Lower	Upper
69	100		
41	69.6	55.4	83.2
39	36.9	29.7	44.5



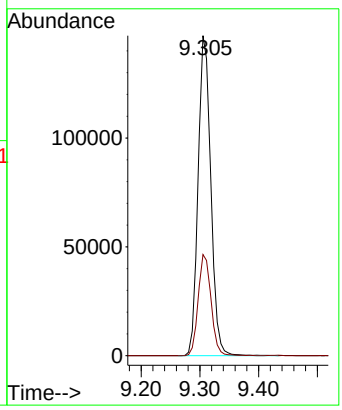


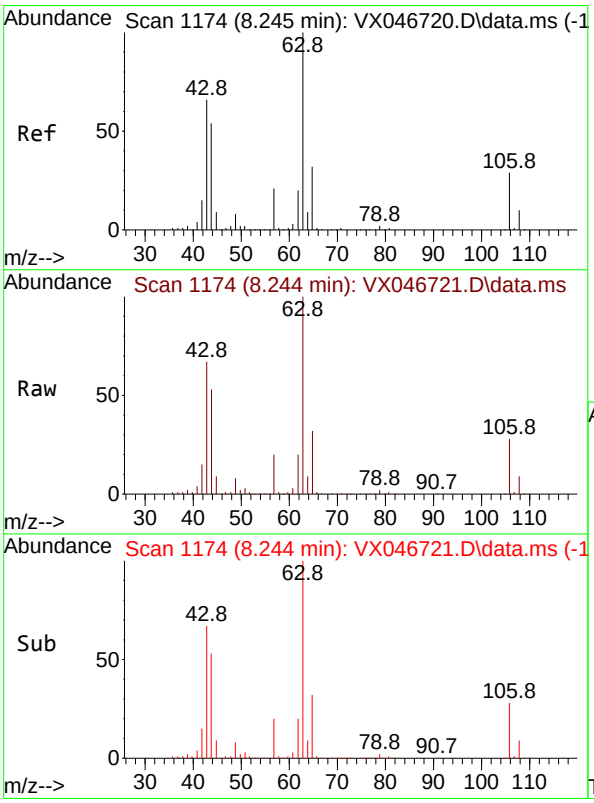
#57
1,3-Dichloropropane
Concen: 106.740 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 220021

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

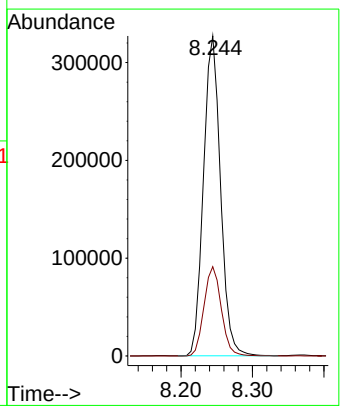


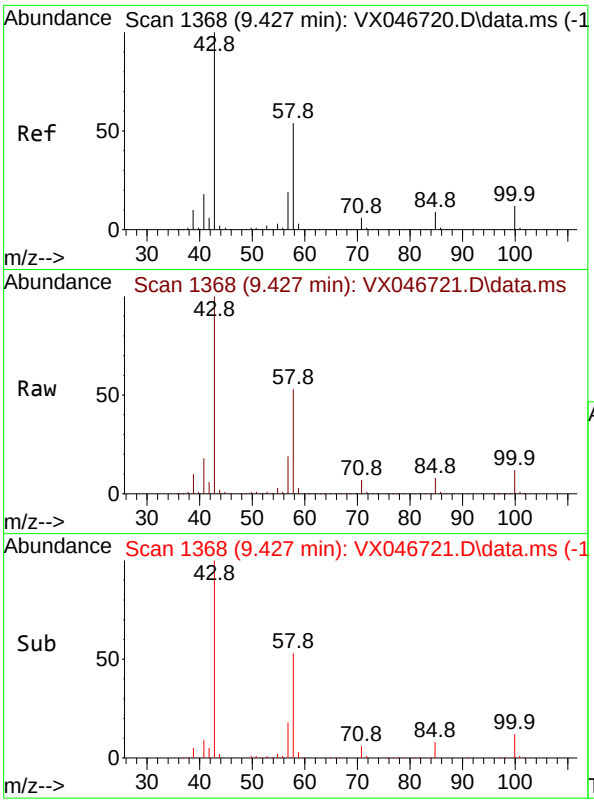


#58
2-Chloroethyl Vinyl ether
Concen: 590.219 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 63 Resp: 541734

Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.6	34.0



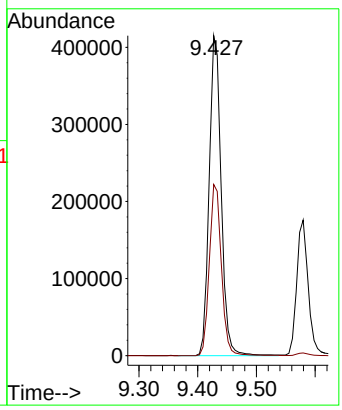


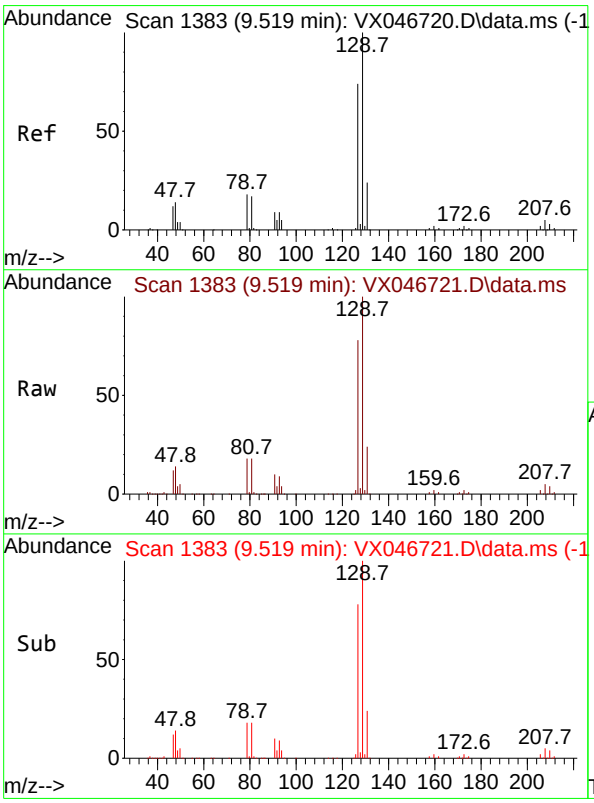
#59
2-Hexanone
Concen: 563.200 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 587221

Ion	Ratio	Lower	Upper
43	100		
58	54.0	26.8	80.4

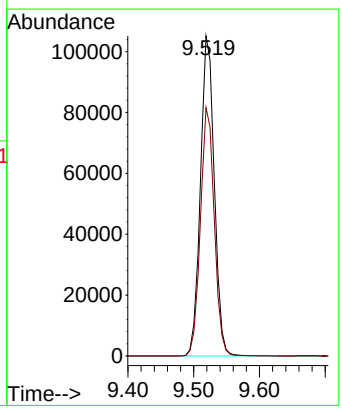


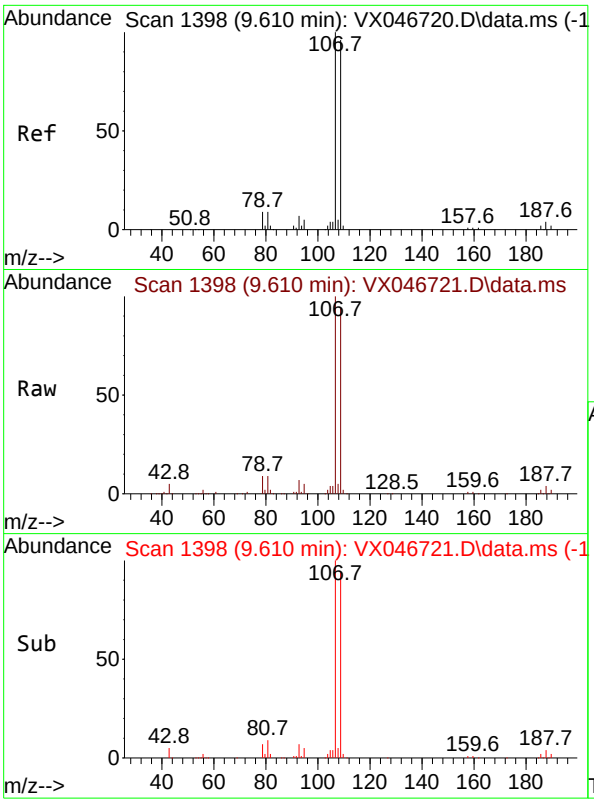


#60
Dibromochloromethane
Concen: 108.983 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:129 Resp: 153731

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.4	115.2



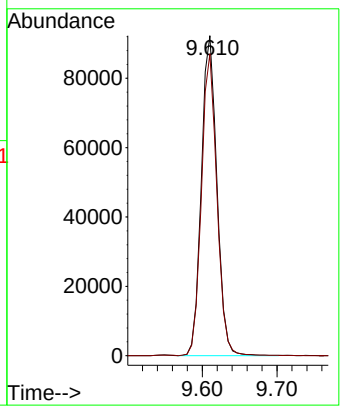


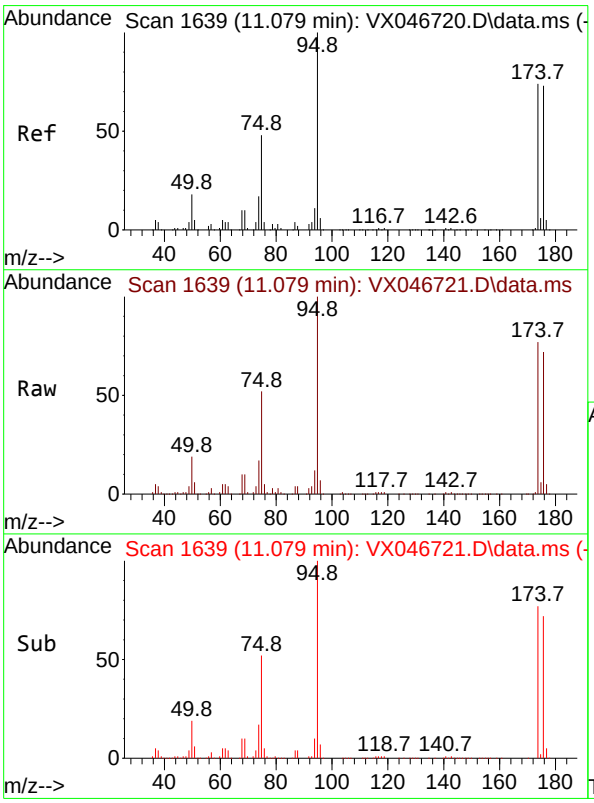
#61
1,2-Dibromoethane
Concen: 109.444 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 133253

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.8	113.6

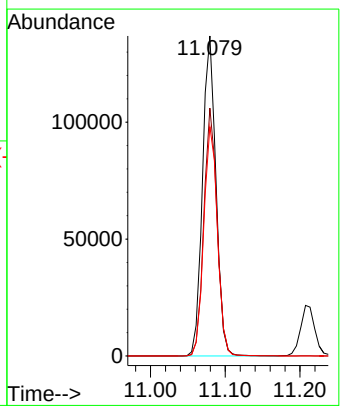


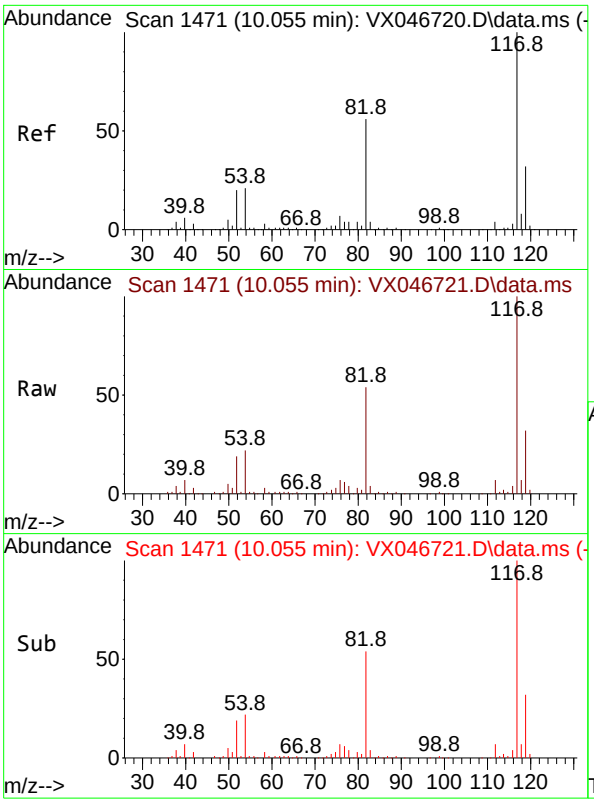


#62
4-Bromofluorobenzene
Concen: 105.156 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 95 Resp: 170795

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	150.4
176	72.7	0.0	145.0



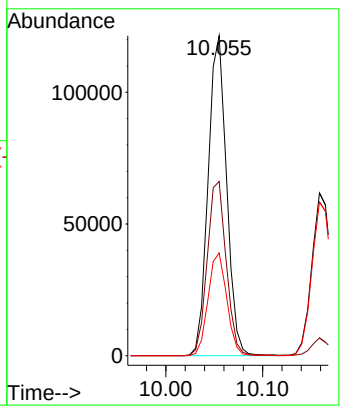


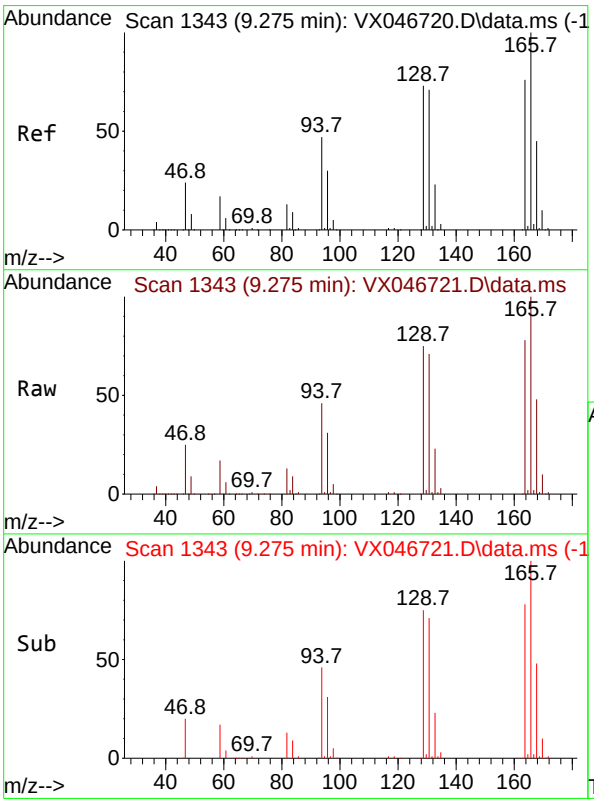
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 160869

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	66.8
119	32.1	25.8	38.8

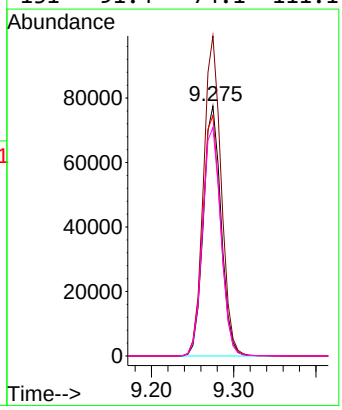


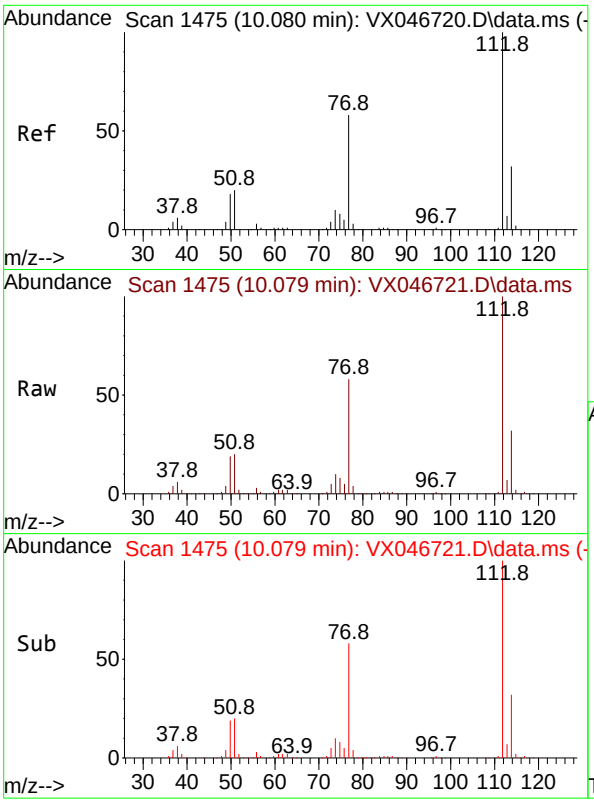


#64
Tetrachloroethene
Concen: 103.876 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:164 Resp: 115774

Ion	Ratio	Lower	Upper
164	100		
166	128.0	104.6	157.0
129	96.2	76.3	114.5
131	91.4	74.1	111.1



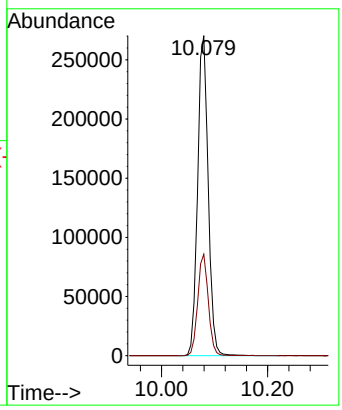


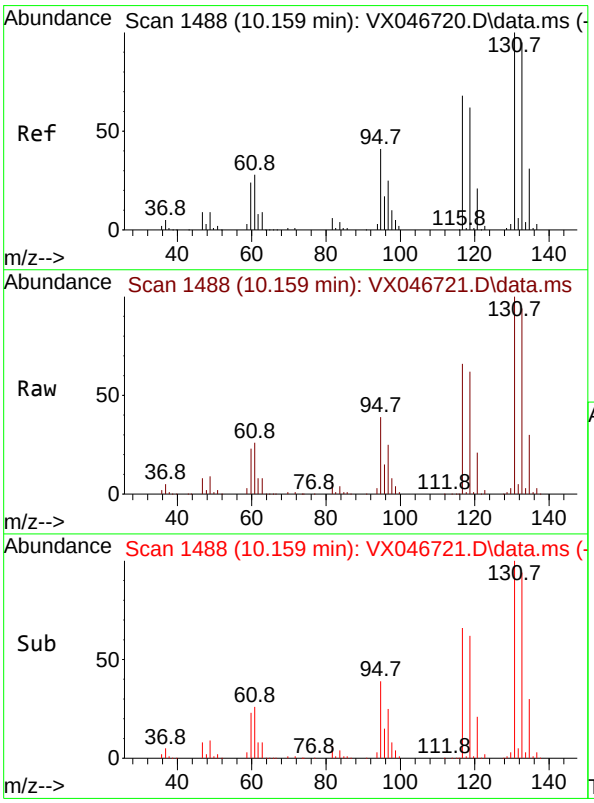
#65
Chlorobenzene
Concen: 105.577 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 374913

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.5	38.3

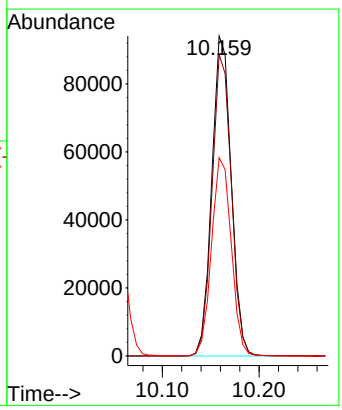


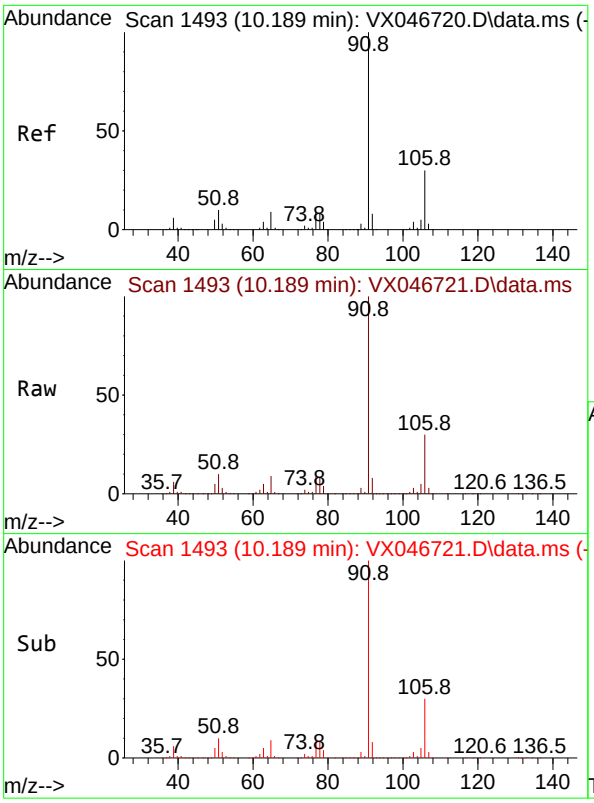


#66
1,1,1,2-Tetrachloroethane
Concen: 109.876 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:131 Resp: 131134

Ion	Ratio	Lower	Upper
131	100		
133	93.8	47.3	141.8
119	63.0	32.1	96.3



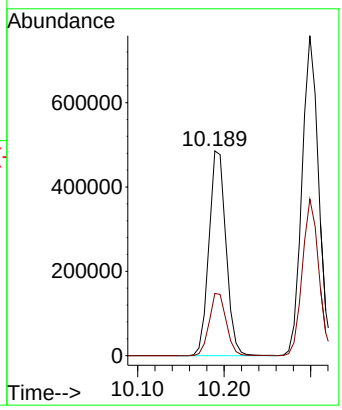


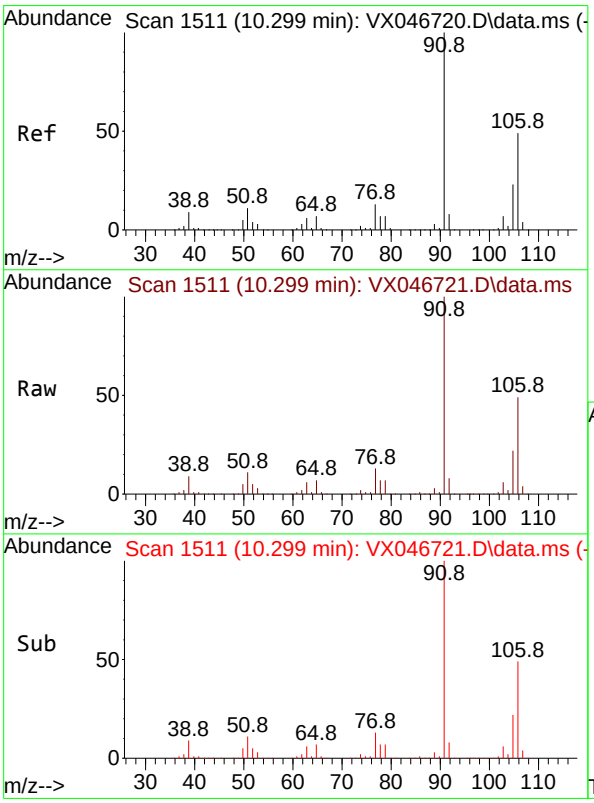
#67
Ethyl Benzene
Concen: 106.914 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 663369

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.2	36.2

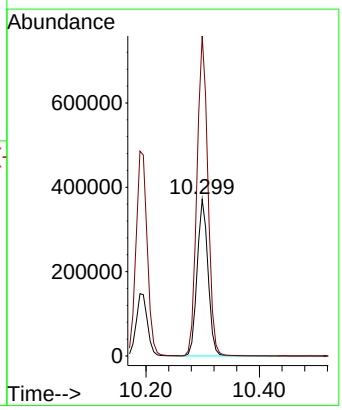


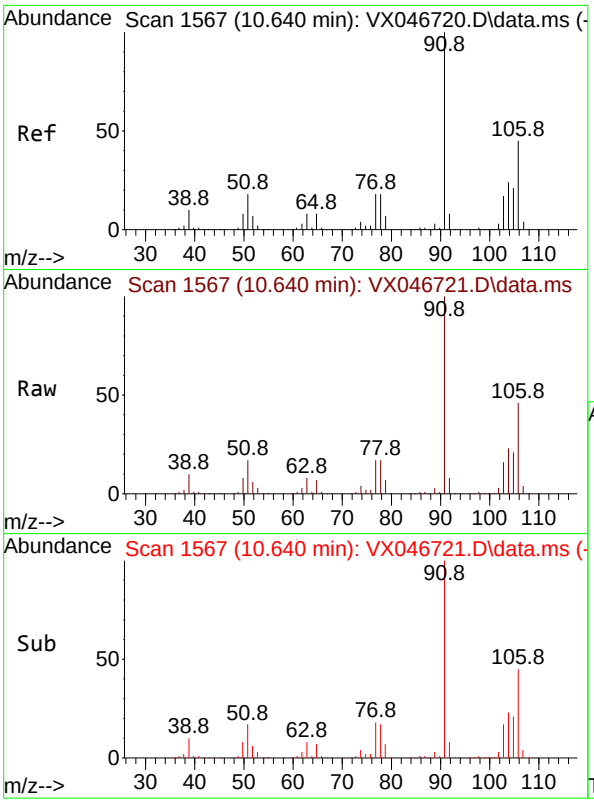


#68
m/p-Xylenes
Concen: 213.003 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:106 Resp: 492448

Ion	Ratio	Lower	Upper
106	100		
91	206.0	164.8	247.2



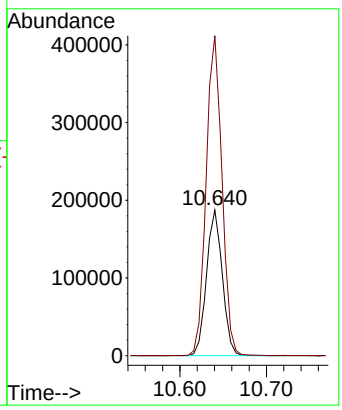


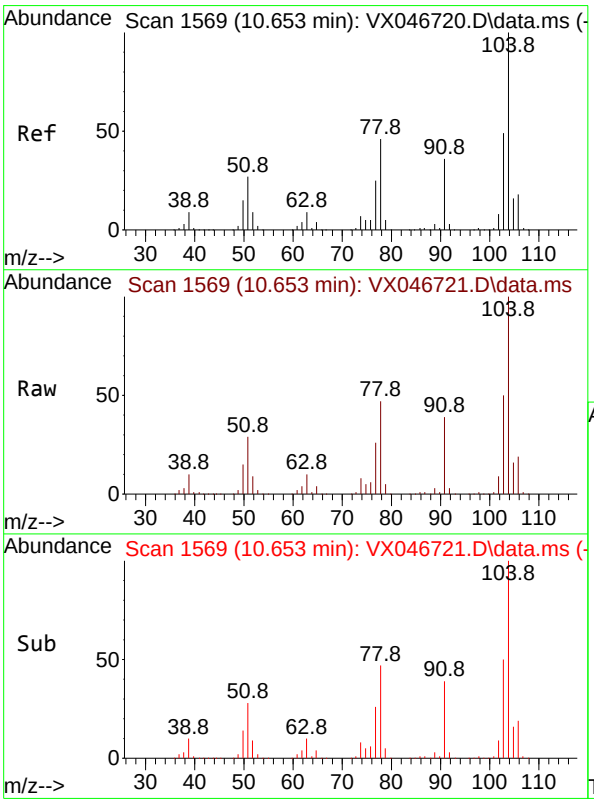
#69
o-Xylene
Concen: 109.675 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 237631

Ion	Ratio	Lower	Upper
106	100		
91	220.5	111.3	333.9

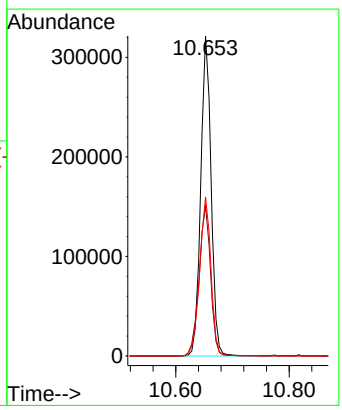


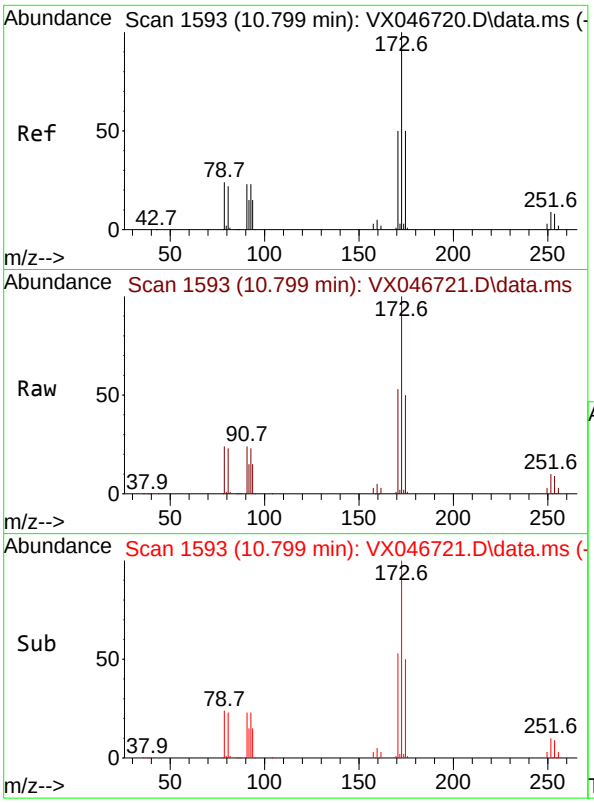


#70
Styrene
Concen: 107.488 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:104 Resp: 407566

Ion	Ratio	Lower	Upper
104	100		
78	52.3	41.4	62.2
103	54.3	43.1	64.7



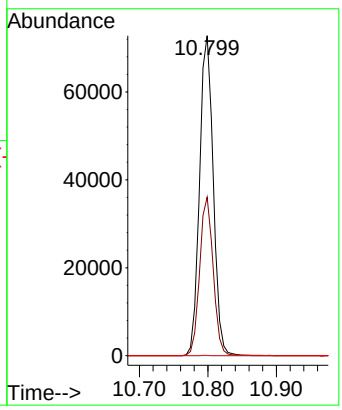


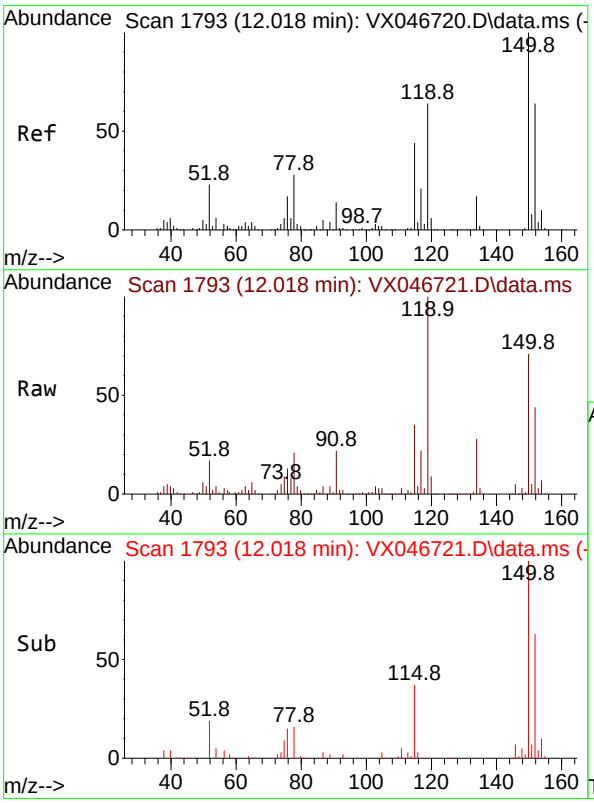
#71
Bromoform
Concen: 111.485 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 101329

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.4
254	0.1	0.1	0.1#

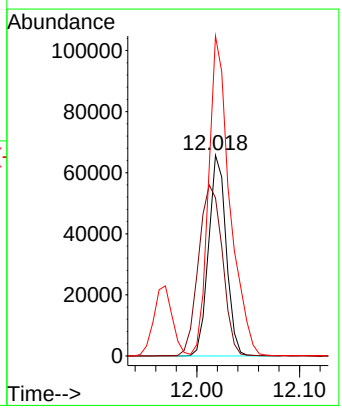


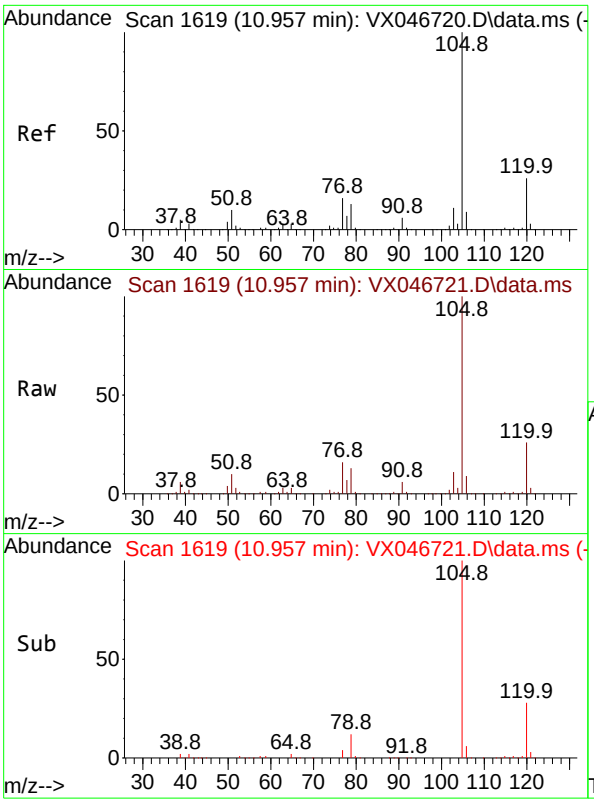


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:152 Resp: 78522

Ion	Ratio	Lower	Upper
152	100		
115	115.4	43.2	129.6
150	191.6	0.0	346.8



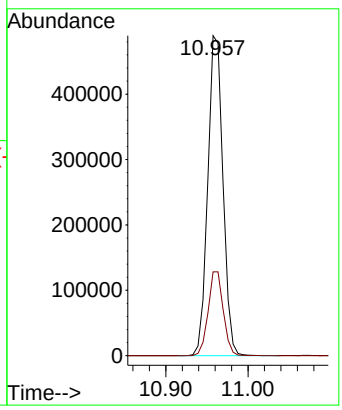


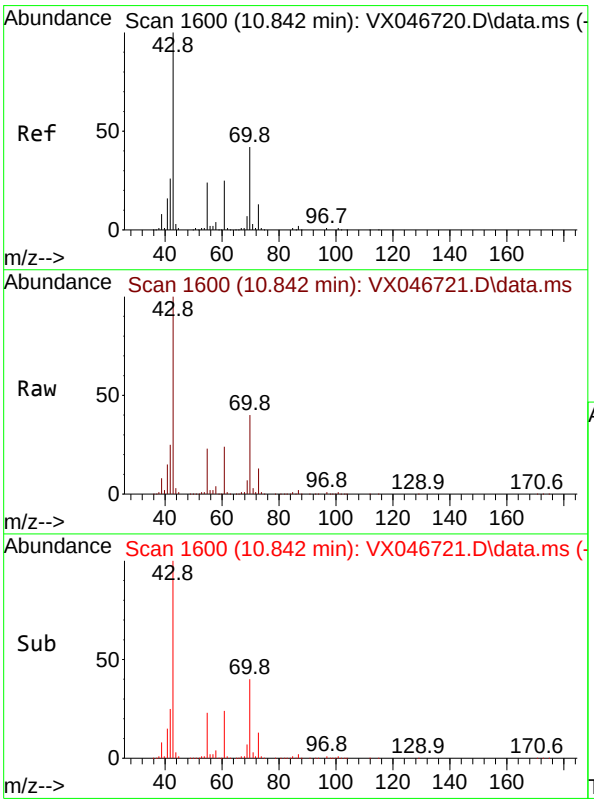
#73
Isopropylbenzene
Concen: 108.731 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 628803

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	39.0

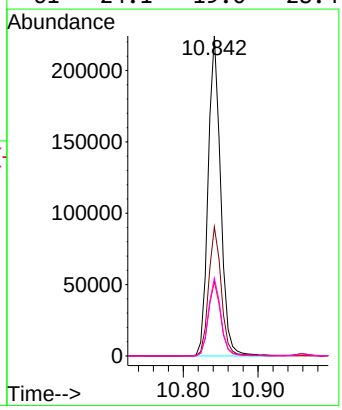


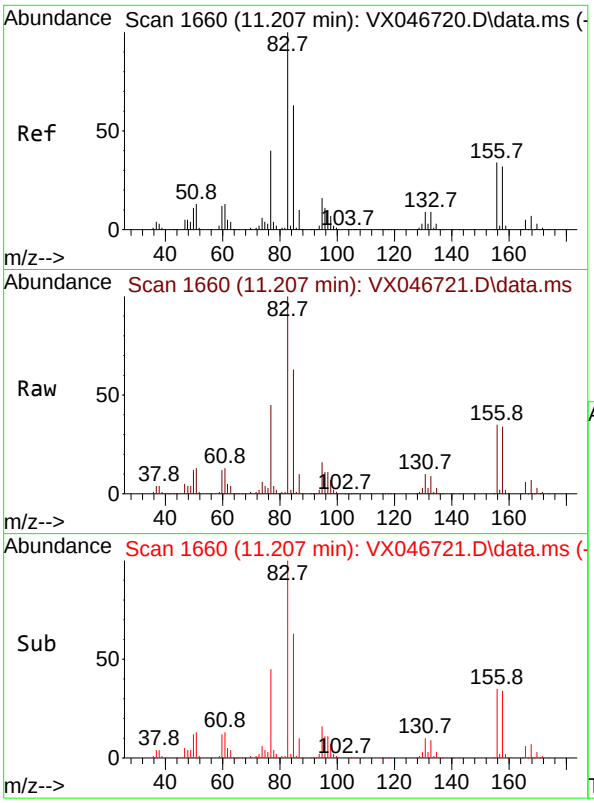


#74
N-amyl acetate
Concen: 118.945 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 260620

Ion	Ratio	Lower	Upper
43	100		
70	40.8	33.4	50.0
55	23.2	19.1	28.7
61	24.1	19.0	28.4



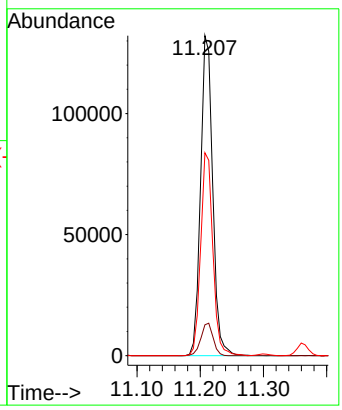


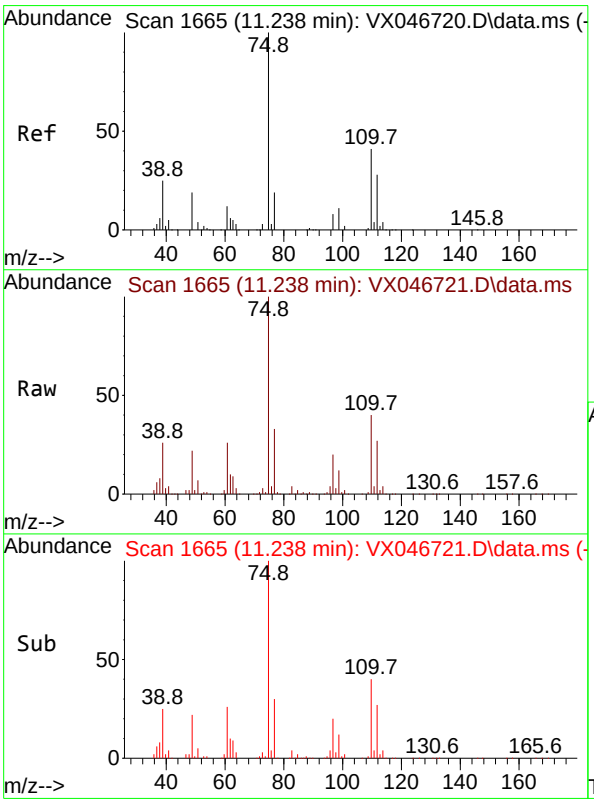
#75
1,1,2,2-Tetrachloroethane
Concen: 109.317 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 176523

Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.6
85	63.8	32.0	96.0

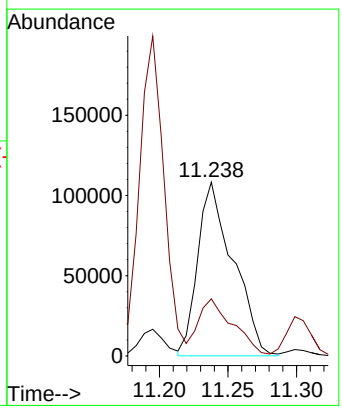


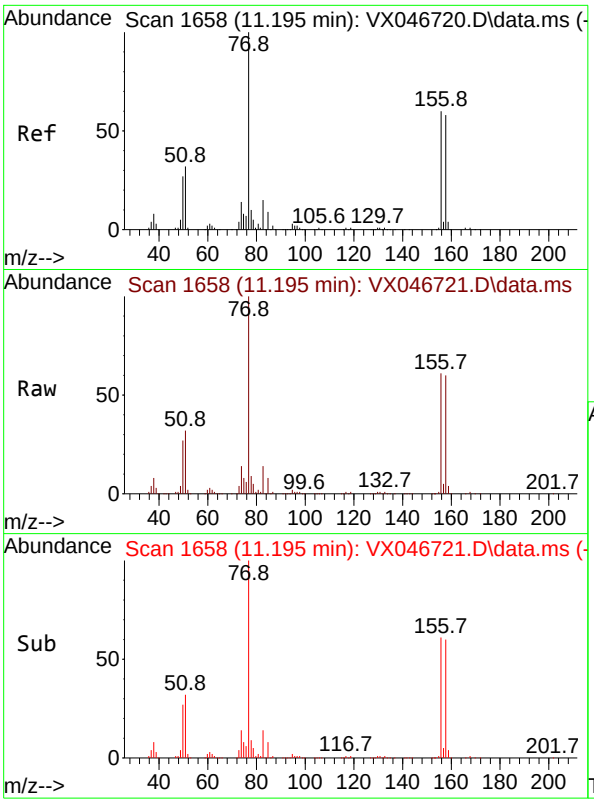


#76
1,2,3-Trichloropropane
Concen: 122.161 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 194835

Ion	Ratio	Lower	Upper
75	100		
77	32.2	18.5	55.5



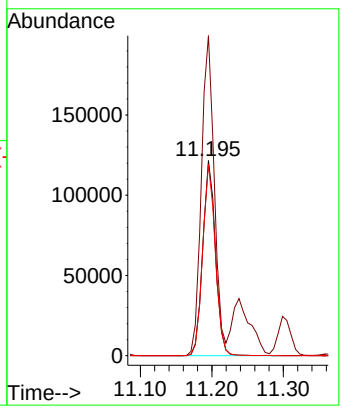


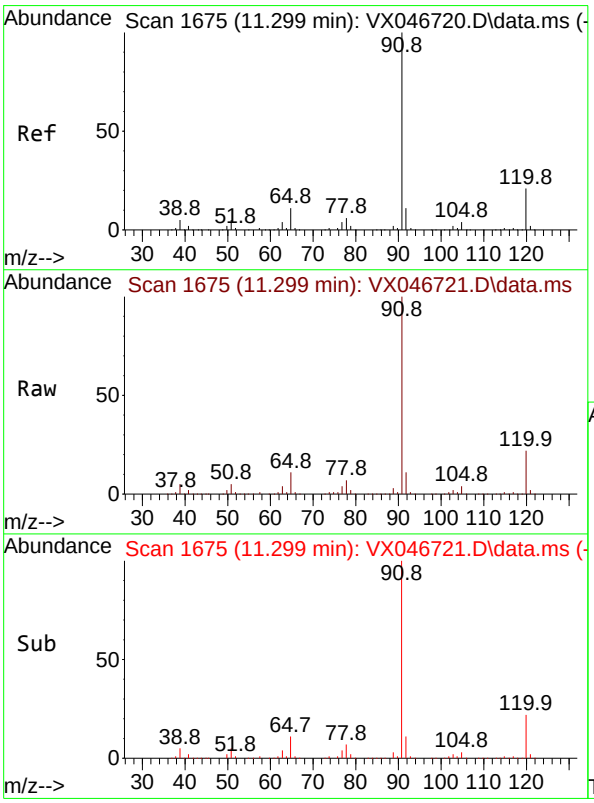
#77
Bromobenzene
Concen: 107.864 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 150110

Ion	Ratio	Lower	Upper
156	100		
77	166.5	82.8	248.6
158	97.7	47.6	142.9

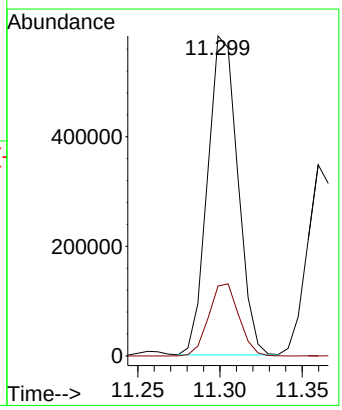


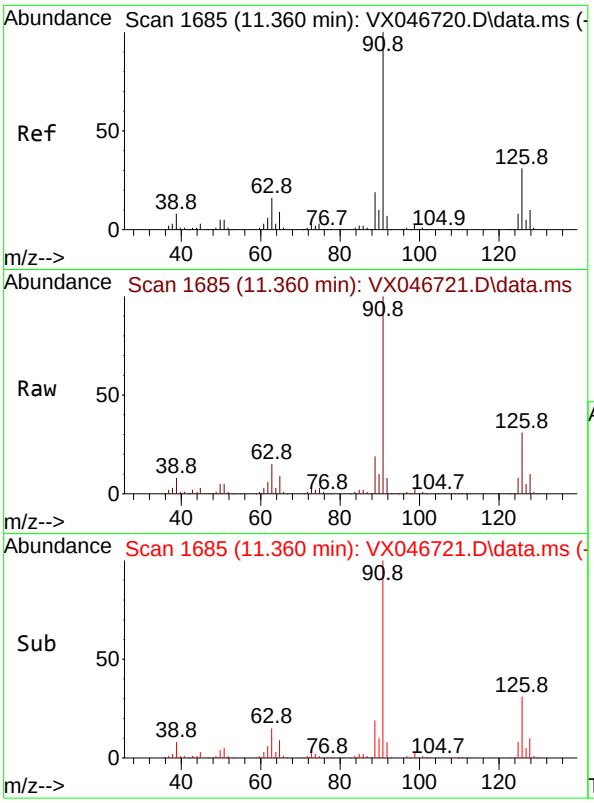


#78
n-propylbenzene
Concen: 108.310 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 91 Resp: 743979

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1



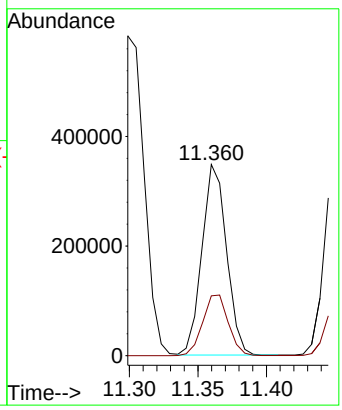


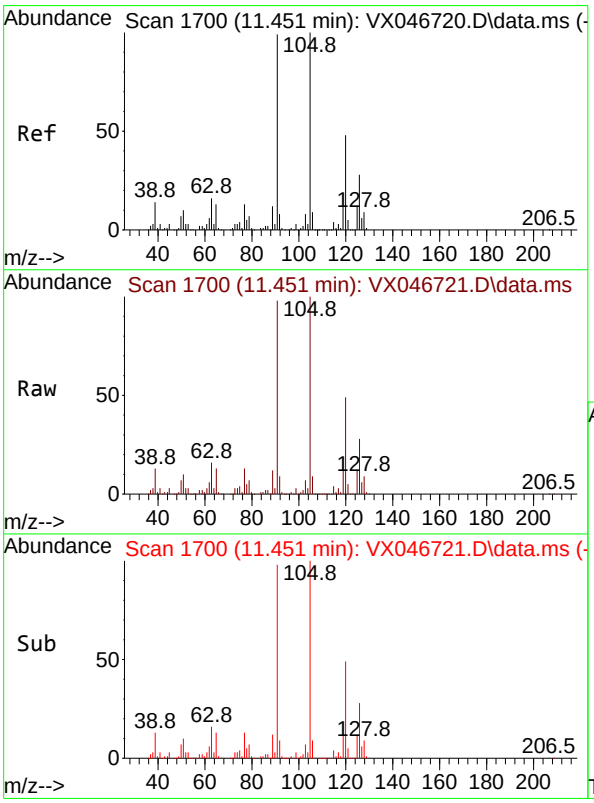
#79
2-Chlorotoluene
Concen: 106.065 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 434989

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.6	49.7

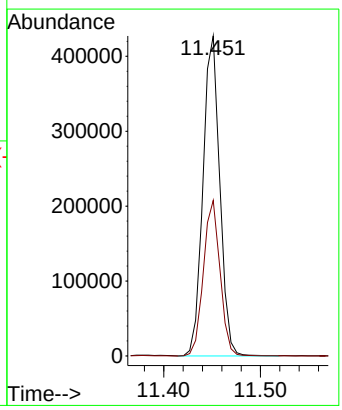


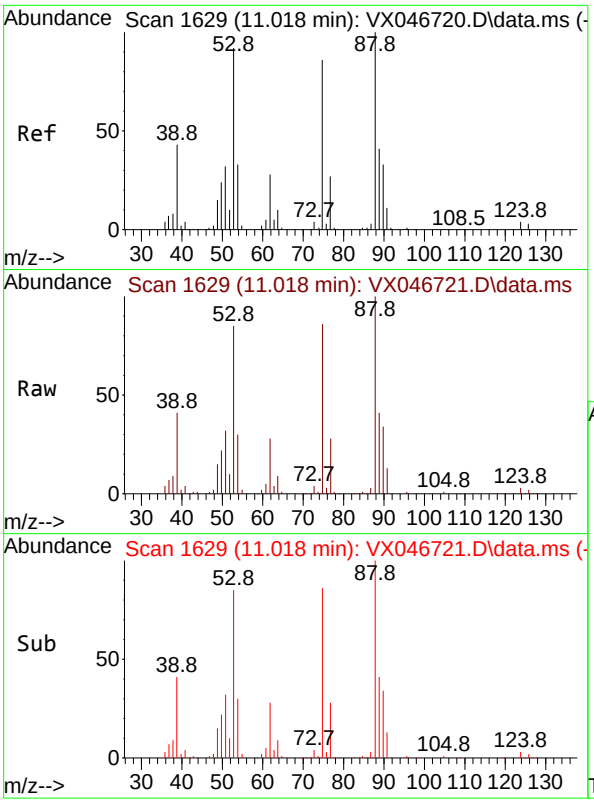


#80
1,3,5-Trimethylbenzene
Concen: 108.848 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:105 Resp: 517286

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.1	72.2



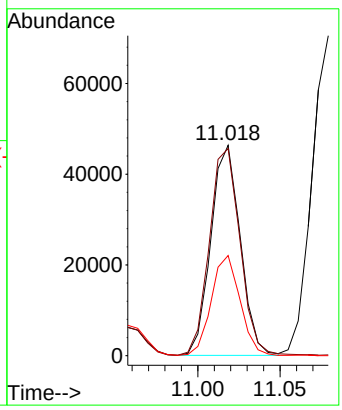


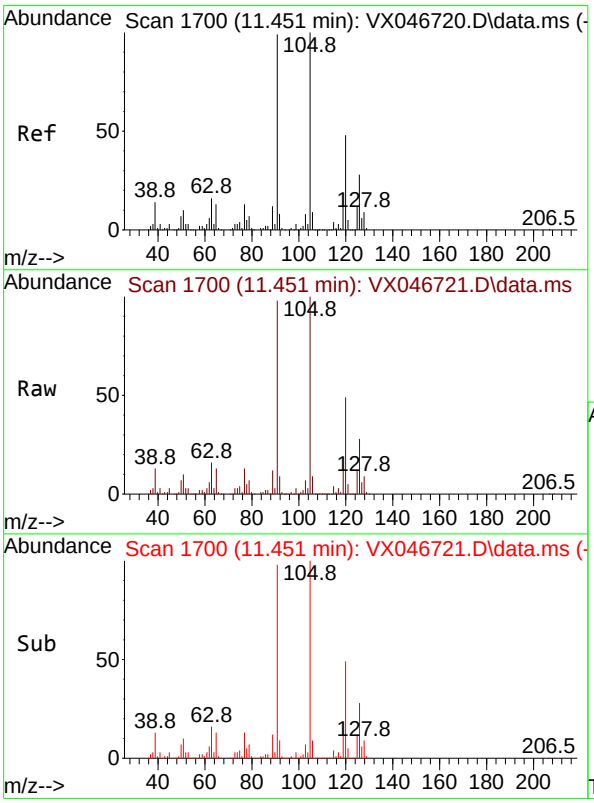
#81
trans-1,4-Dichloro-2-butene
Concen: 113.225 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 57608

Ion	Ratio	Lower	Upper
75	100		
53	103.4	86.8	130.2
89	46.9	36.9	55.3

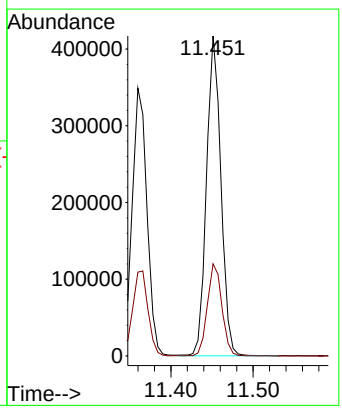


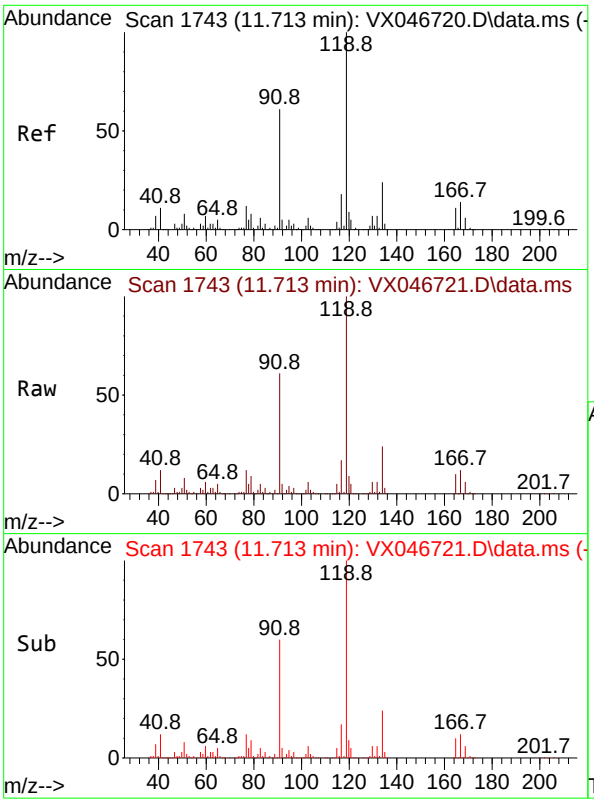


#82
4-Chlorotoluene
Concen: 105.896 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 91 Resp: 506852

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.4	43.2



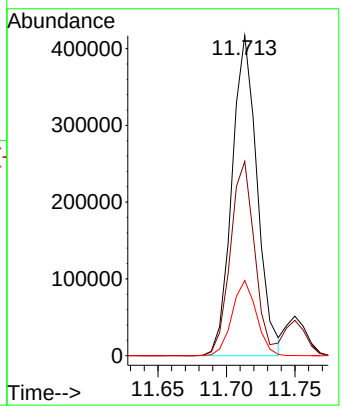


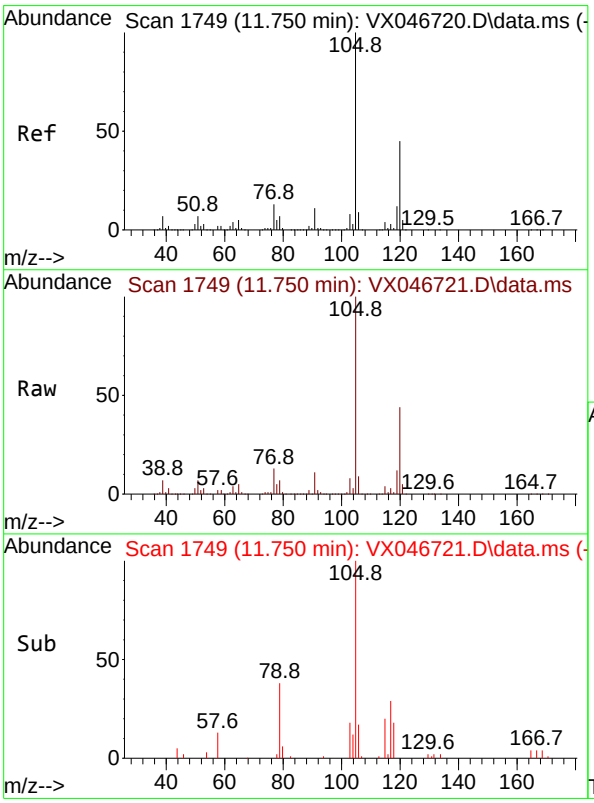
#83
tert-Butylbenzene
Concen: 108.548 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 533235

Ion	Ratio	Lower	Upper
119	100		
91	59.1	29.5	88.6
134	22.7	11.7	35.0

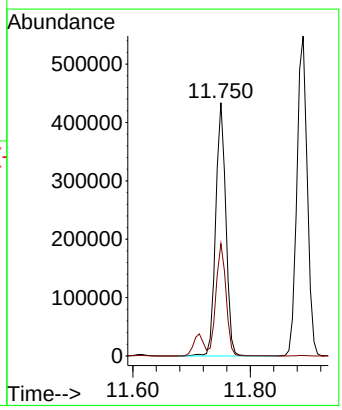


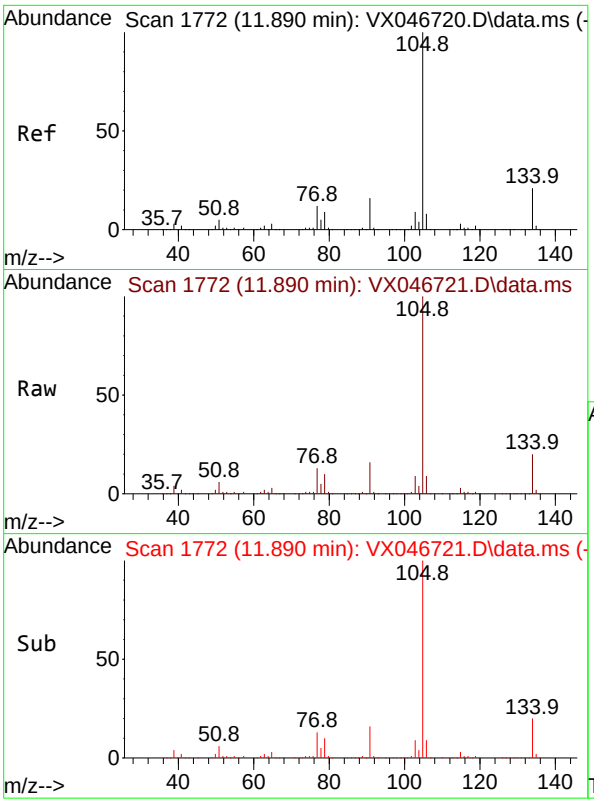


#84
1,2,4-Trimethylbenzene
Concen: 108.598 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:105 Resp: 518524

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.3



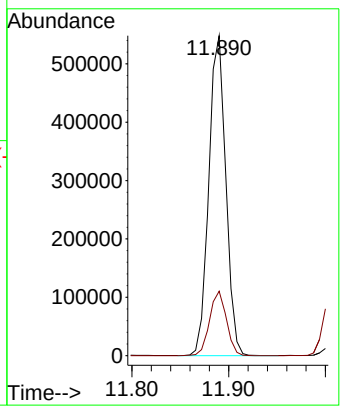


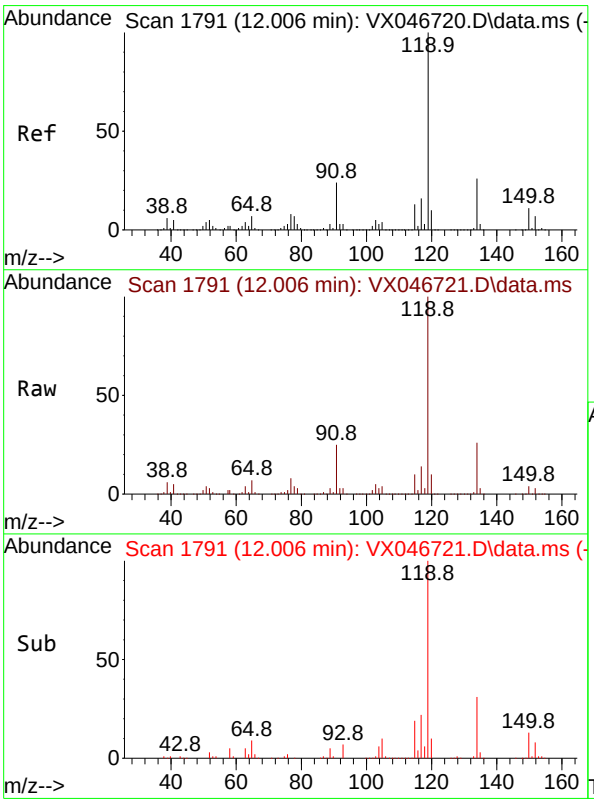
#85
sec-Butylbenzene
Concen: 108.062 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 670896

Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.4

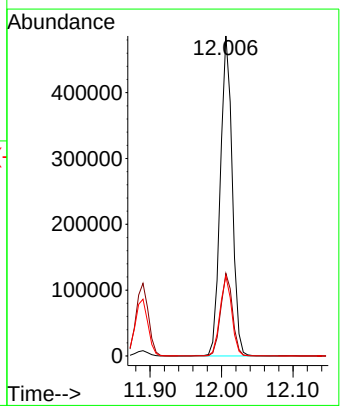


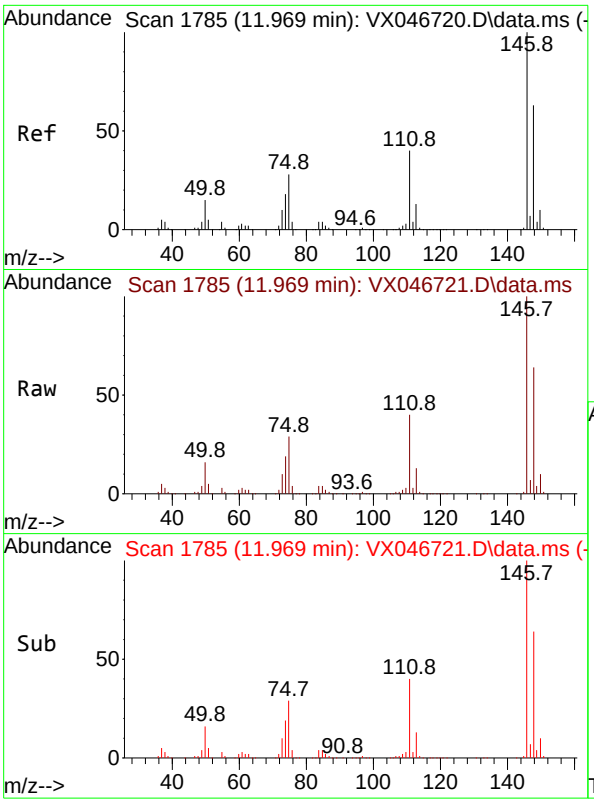


#86
p-Isopropyltoluene
Concen: 107.145 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:119 Resp: 561258

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	24.7	12.3	36.9



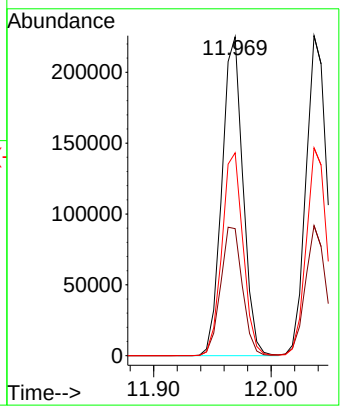


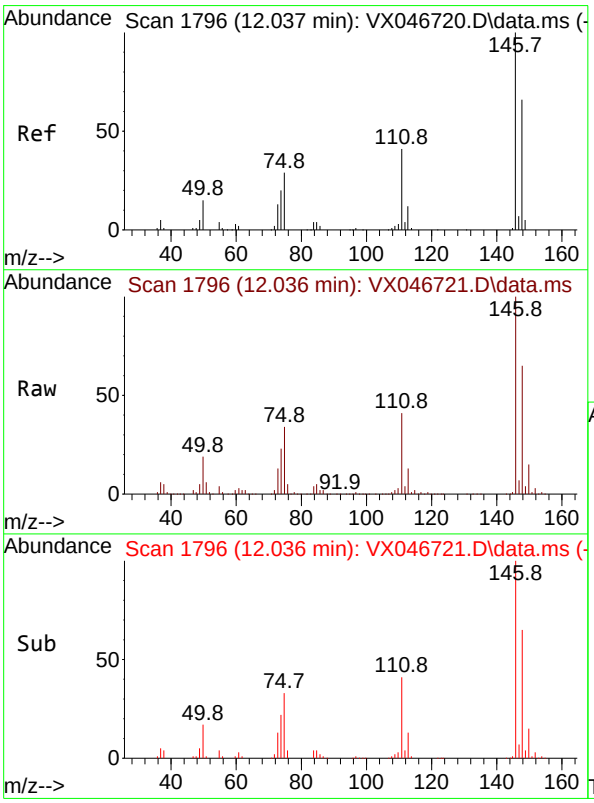
#87
1,3-Dichlorobenzene
Concen: 103.388 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 280540

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.8
148	63.9	31.6	94.8

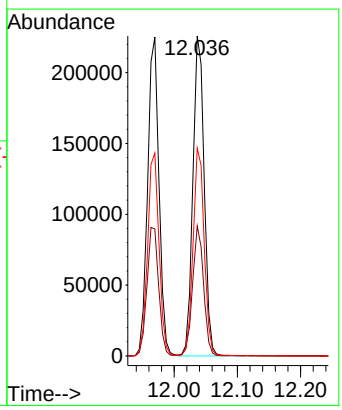


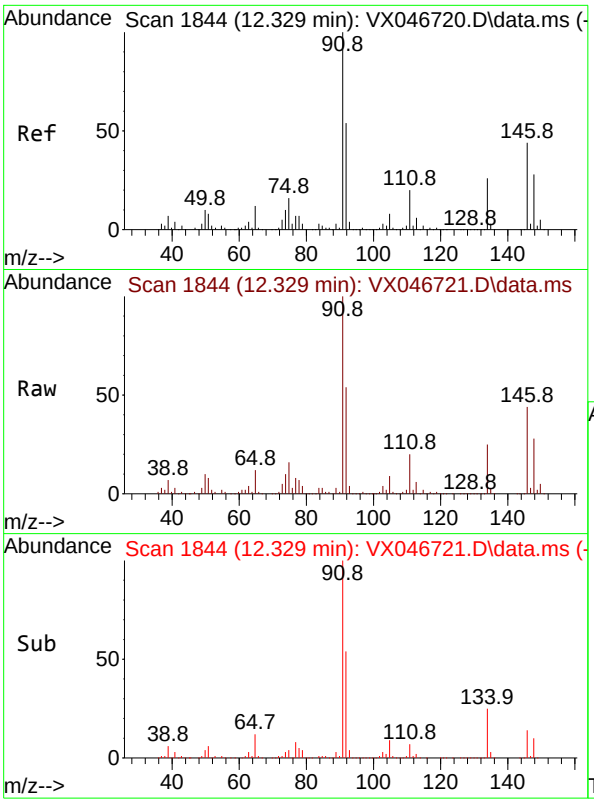


#88
1,4-Dichlorobenzene
Concen: 100.779 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:146 Resp: 280884

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	61.0
148	63.9	32.1	96.5



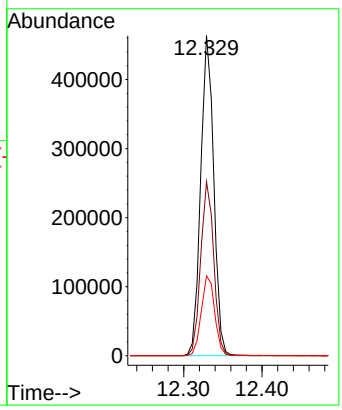


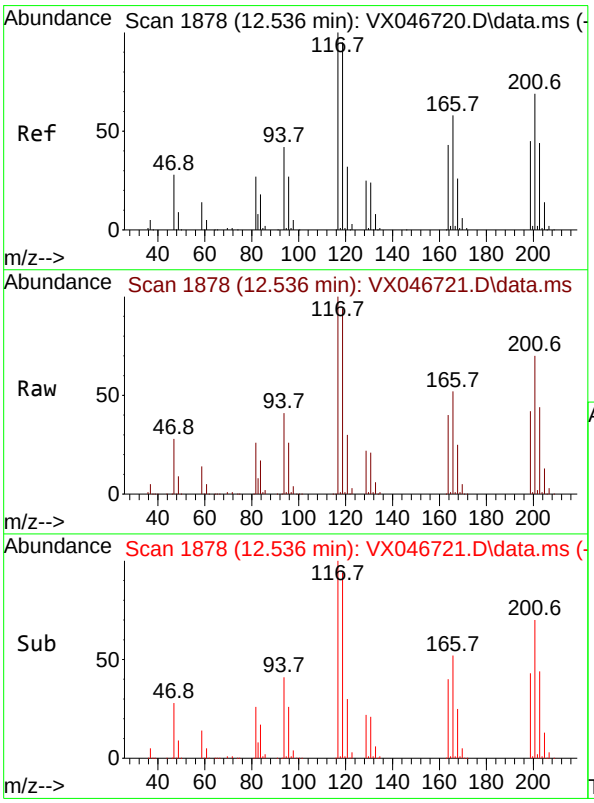
#89
n-Butylbenzene
Concen: 107.822 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 536268

Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.1	81.3
134	25.6	12.9	38.6

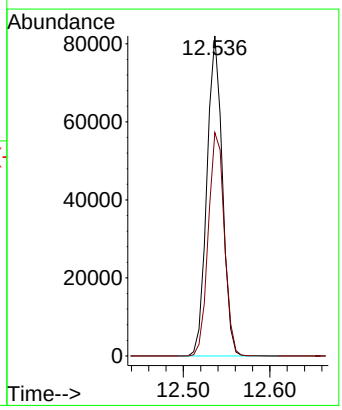


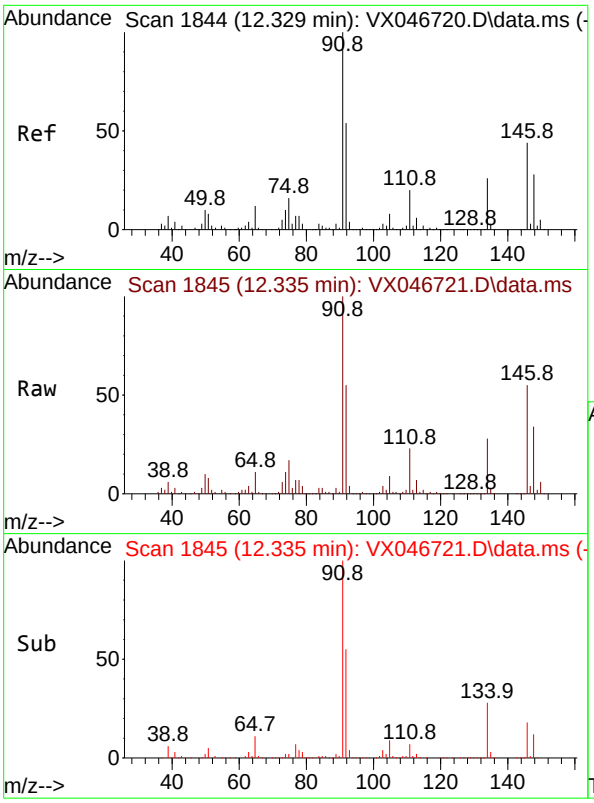


#90
Hexachloroethane
Concen: 110.811 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:117 Resp: 101647

Ion	Ratio	Lower	Upper
117	100		
201	72.5	34.4	103.3



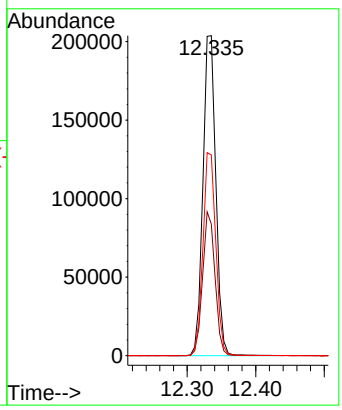


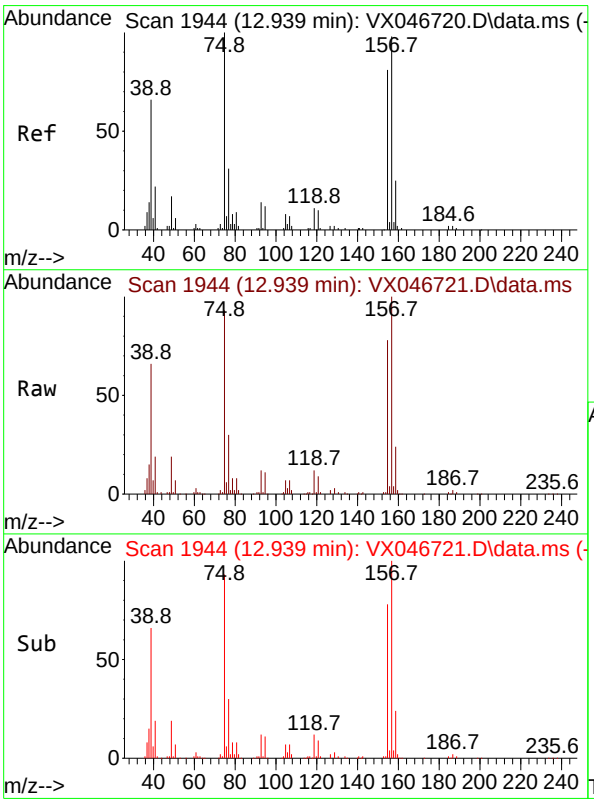
#91
1,2-Dichlorobenzene
Concen: 105.466 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 267432

Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.7	65.1
148	63.5	32.0	96.2

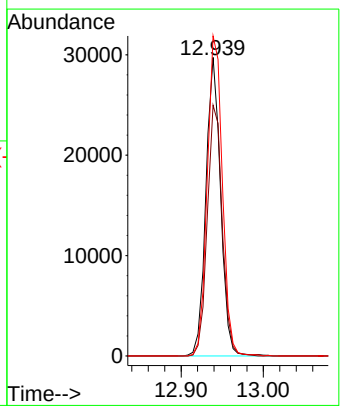


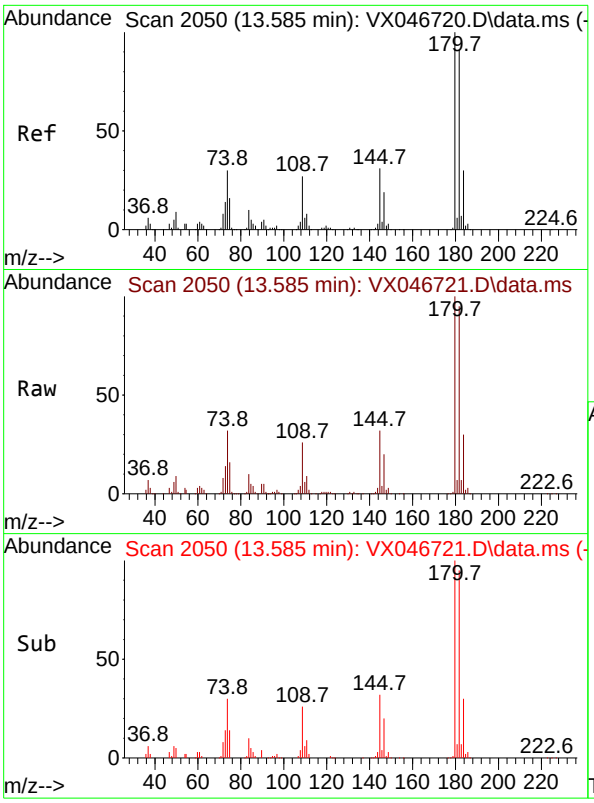


#92
1,2-Dibromo-3-Chloropropane
Concen: 115.616 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 36858

Ion	Ratio	Lower	Upper
75	100		
155	85.8	41.9	125.7
157	110.6	51.4	154.3



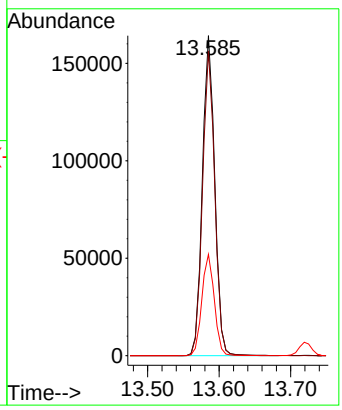


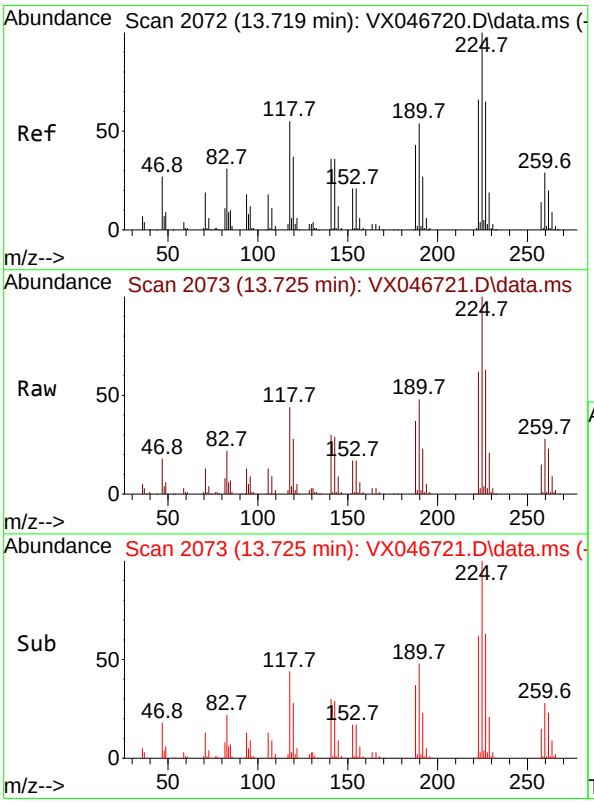
#93
1,2,4-Trichlorobenzene
Concen: 109.119 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 196715

Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.7	140.1
145	32.0	15.8	47.4

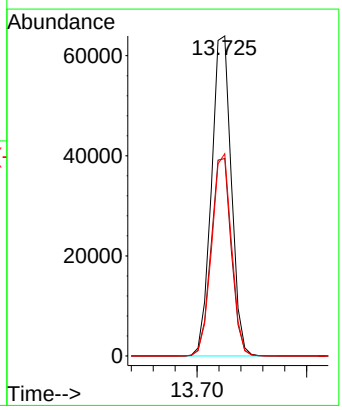


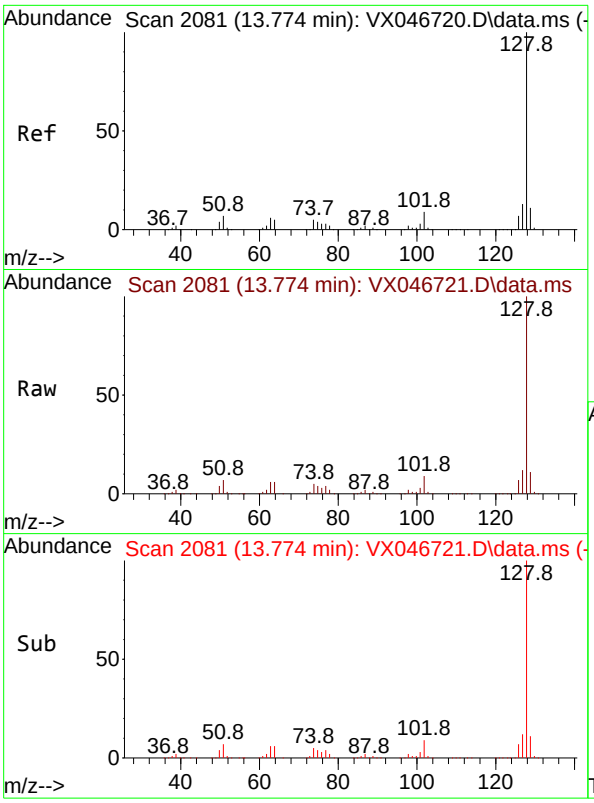


#94
Hexachlorobutadiene
Concen: 106.029 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:225 Resp: 80407

Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.5	97.5
227	63.0	32.2	96.6



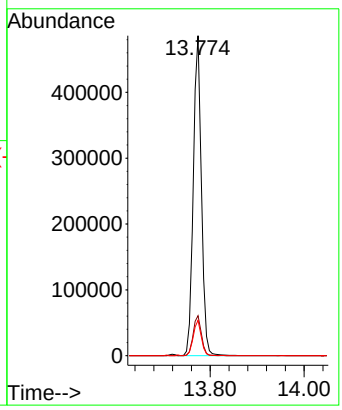


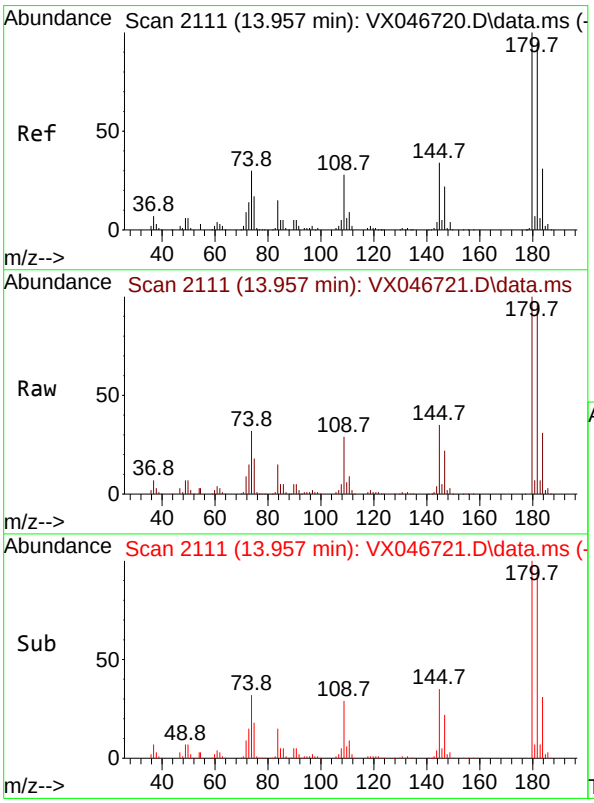
#95
Naphthalene
Concen: 114.468 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 587914

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.9	8.7	13.1

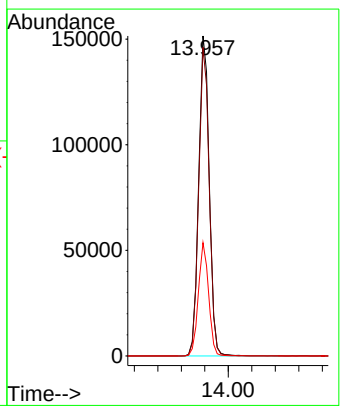




#96
1,2,3-Trichlorobenzene
Concen: 109.861 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:180 Resp: 189473

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.4
145	34.4	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	107848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	178346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75829	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	230915	154.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 309.600%#			
35) Dibromofluoromethane	5.397	113	187536	158.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 317.860%#			
50) Toluene-d8	8.653	98	660221	155.733	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 311.460%#			
62) 4-Bromofluorobenzene	11.079	95	244007	154.404	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 308.800%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	193321	167.898	ug/l	99
3) Chloromethane	1.307	50	202755	163.144	ug/l	97
4) Vinyl Chloride	1.386	62	208285	157.161	ug/l	96
5) Bromomethane	1.612	94	90708	121.652	ug/l	97
6) Chloroethane	1.691	64	123323	153.530	ug/l	96
7) Trichlorofluoromethane	1.898	101	314552	156.313	ug/l	98
8) Diethyl Ether	2.142	74	108801	157.544	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	192071	155.583	ug/l	99
10) Methyl Iodide	2.465	142	243423	148.201	ug/l	99
11) Tert butyl alcohol	2.971	59	111150	830.155	ug/l	99
12) 1,1-Dichloroethene	2.331	96	188770	158.466	ug/l	97
13) Acrolein	2.246	56	156844	804.238	ug/l	99
14) Allyl chloride	2.678	41	340117	157.583	ug/l	99
15) Acrylonitrile	3.075	53	477449	793.036	ug/l	99
16) Acetone	2.386	43	378554	760.980	ug/l	99
17) Carbon Disulfide	2.526	76	535657	148.907	ug/l	99
18) Methyl Acetate	2.715	43	209349	165.695	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	585091	157.742	ug/l	99
20) Methylene Chloride	2.800	84	201983	146.004	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	192490	151.016	ug/l	99
22) Diisopropyl ether	3.770	45	638477	153.904	ug/l	99
23) Vinyl Acetate	3.733	43	2691267	815.794	ug/l	99
24) 1,1-Dichloroethane	3.623	63	360395	153.006	ug/l	98
25) 2-Butanone	4.562	43	570672	811.132	ug/l	99
26) 2,2-Dichloropropane	4.483	77	286713	166.896	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	227788	152.112	ug/l	99
28) Bromochloromethane	4.910	49	161801	151.520	ug/l	100
29) Tetrahydrofuran	5.013	42	370760	815.879	ug/l	100
30) Chloroform	5.105	83	358782	152.312	ug/l	99
31) Cyclohexane	5.483	56	330235	147.842	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	320382	155.082	ug/l	99
36) 1,1-Dichloropropene	5.702	75	256619	150.653	ug/l	99
37) Ethyl Acetate	4.721	43	245724	156.284	ug/l	99
38) Carbon Tetrachloride	5.684	117	284066	153.668	ug/l	99
39) Methylcyclohexane	7.385	83	346118	154.413	ug/l	100
40) Benzene	6.044	78	763341	151.423	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	142283	169.745	ug/l	94
42) 1,2-Dichloroethane	6.092	62	265740	150.011	ug/l	99
43) Isopropyl Acetate	6.342	43	412067	167.483	ug/l	99
44) Trichloroethene	7.129	130	195943	152.520	ug/l	99
45) 1,2-Dichloropropane	7.434	63	191181	153.025	ug/l	95
46) Dibromomethane	7.580	93	138541	154.297	ug/l	99
47) Bromodichloromethane	7.824	83	288826	157.630	ug/l	100
48) Methyl methacrylate	7.696	41	211908	171.734	ug/l	99
49) 1,4-Dioxane	7.659	88	54646	2987.386	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1173666	799.825	ug/l	100
52) Toluene	8.720	92	471273	150.800	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	288893	169.929	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	314965	163.198	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	175973	151.099	ug/l	99
56) Ethyl methacrylate	9.116	69	288720	167.940	ug/l	99
57) 1,3-Dichloropropane	9.305	76	301418	150.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	754730	845.118	ug/l	100
59) 2-Hexanone	9.433	43	816655	805.005	ug/l	99
60) Dibromochloromethane	9.519	129	215347	156.904	ug/l	99
61) 1,2-Dibromoethane	9.610	107	185268	156.392	ug/l	99
64) Tetrachloroethene	9.275	164	159752	146.895	ug/l	98
65) Chlorobenzene	10.080	112	517859	149.453	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	181981	156.268	ug/l	99
67) Ethyl Benzene	10.195	91	915724	151.251	ug/l	98
68) m/p-Xylenes	10.299	106	676085	299.697	ug/l	99
69) o-Xylene	10.640	106	328782	155.514	ug/l	98
70) Styrene	10.653	104	566606	153.143	ug/l	100
71) Bromoform	10.799	173	143229	161.498	ug/l	100
73) Isopropylbenzene	10.964	105	867728	155.374	ug/l	100
74) N-amyl acetate	10.842	43	369757	174.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	244406	156.730	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	277006	179.850	ug/l	91
77) Bromobenzene	11.195	156	207348	154.285	ug/l	98
78) n-propylbenzene	11.305	91	1025742	154.633	ug/l	100
79) 2-Chlorotoluene	11.366	91	595555	150.373	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	707005	154.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	86677	176.408	ug/l	93
82) 4-Chlorotoluene	11.451	91	697556	150.915	ug/l	99
83) tert-Butylbenzene	11.713	119	735750	155.093	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	719283	155.994	ug/l	100
85) sec-Butylbenzene	11.890	105	916769	152.910	ug/l	99
86) p-Isopropyltoluene	12.006	119	771998	152.610	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	391049	149.232	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	387139	143.836	ug/l	99
89) n-Butylbenzene	12.329	91	726563	151.271	ug/l	100
90) Hexachloroethane	12.536	117	142663	161.049	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	370234	151.192	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	54014	175.448	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	263803	151.531	ug/l	97
94) Hexachlorobutadiene	13.725	225	95520	130.431	ug/l	100
95) Naphthalene	13.774	128	846206	170.609	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	262348	157.517	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

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

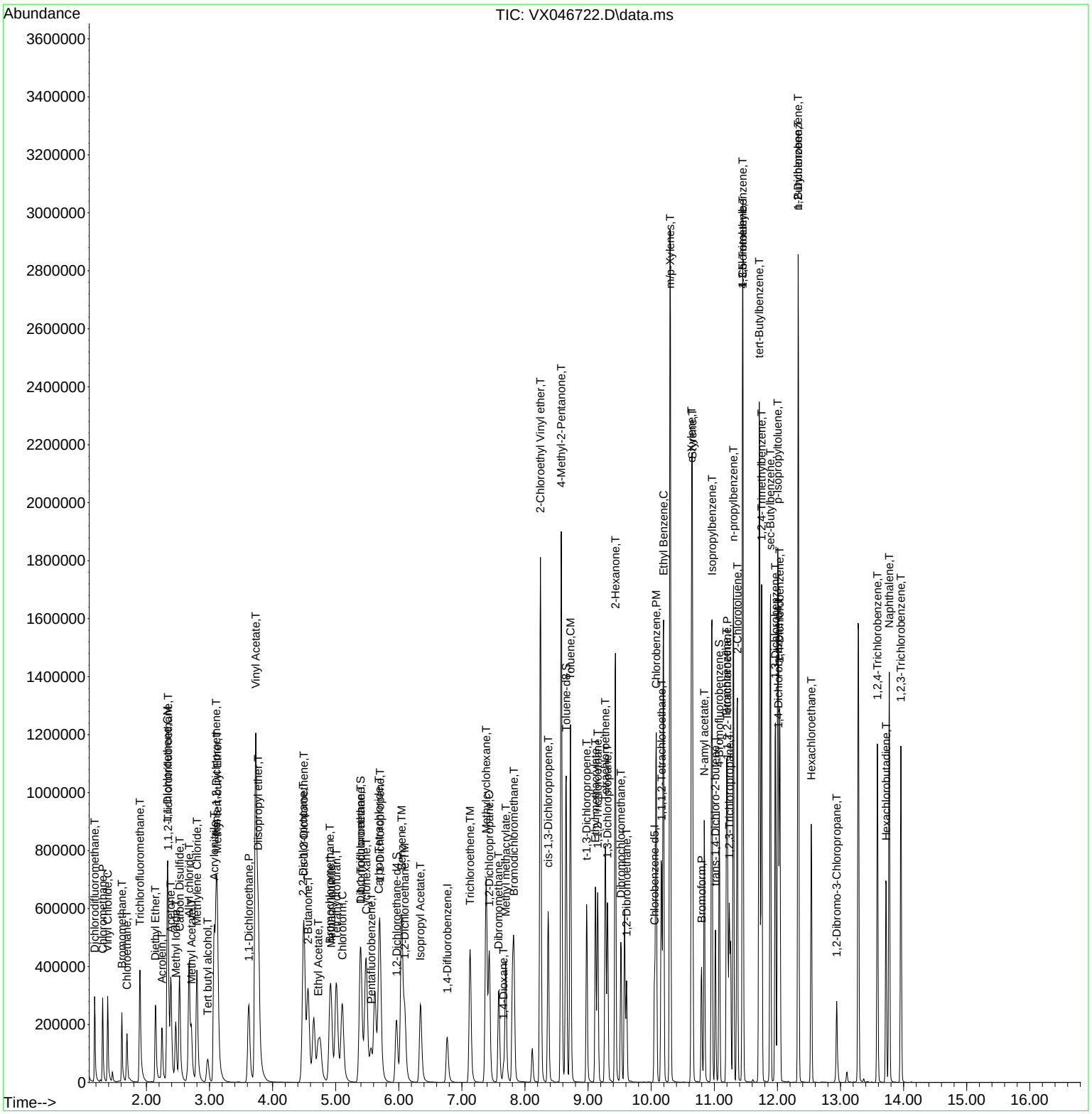
(#) = qualifier out of range (m) = manual integration (+) = signals summed

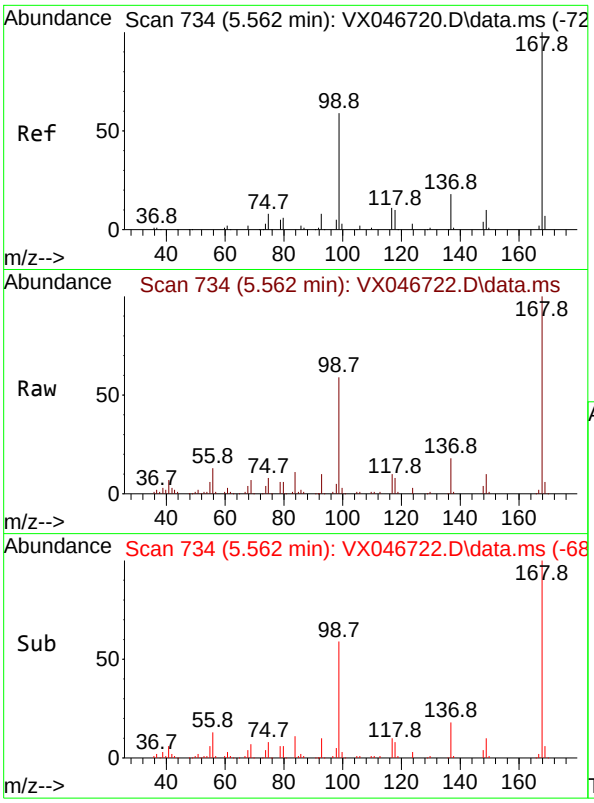
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration



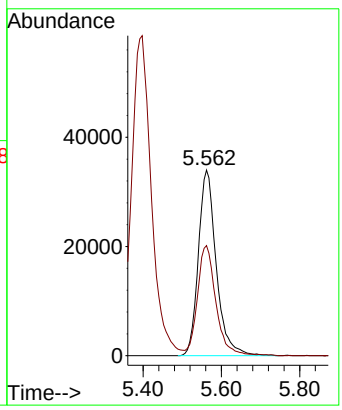


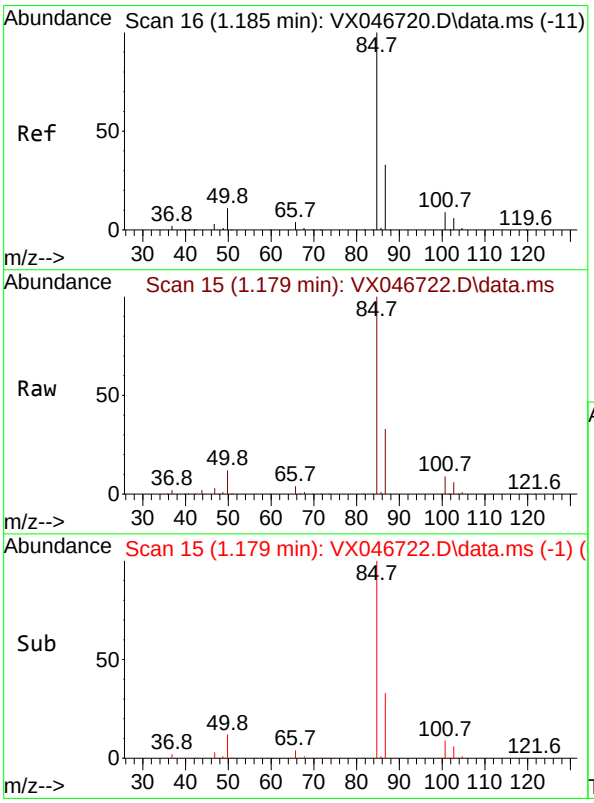
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 107848

Ion	Ratio	Lower	Upper
168	100		
99	59.3	48.5	72.7

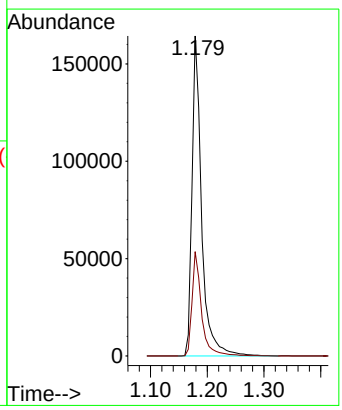


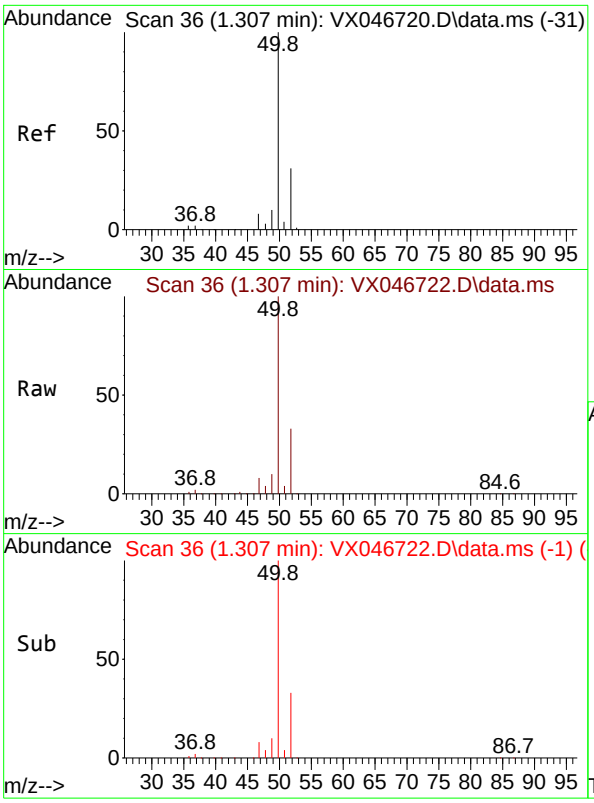


#2
Dichlorodifluoromethane
Concen: 167.898 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 85 Resp: 193321

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.6	49.8



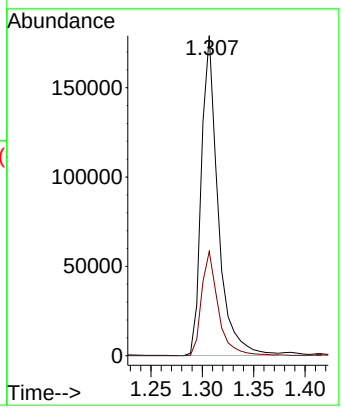


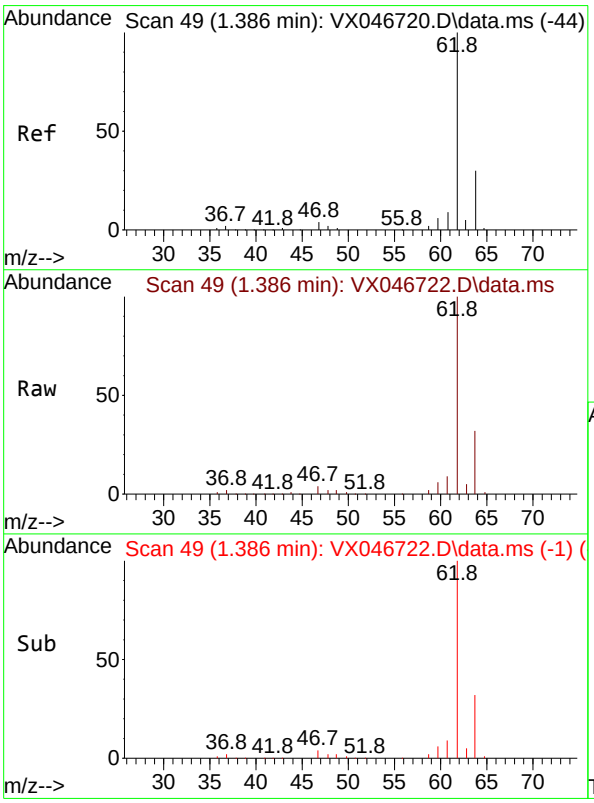
#3
Chloromethane
Concen: 163.144 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 202755

Ion	Ratio	Lower	Upper
50	100		
52	32.6	24.9	37.3

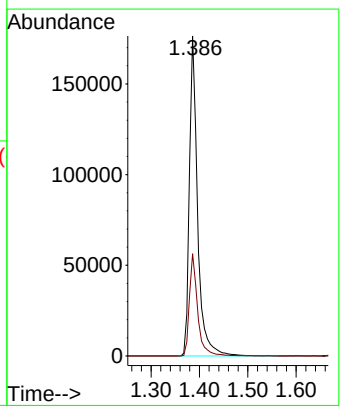


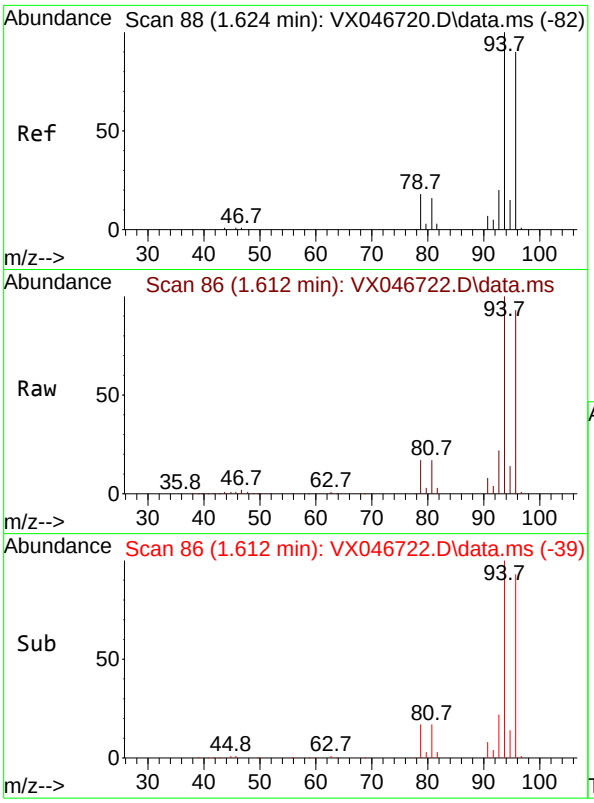


#4
Vinyl Chloride
Concen: 157.161 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 62 Resp: 208285

Ion	Ratio	Lower	Upper
62	100		
64	31.9	23.9	35.9



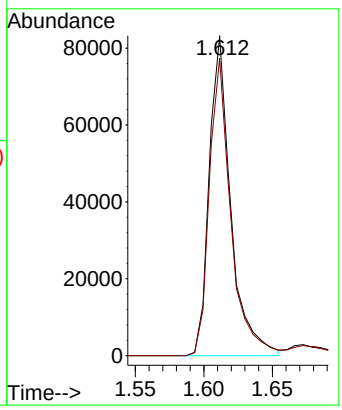


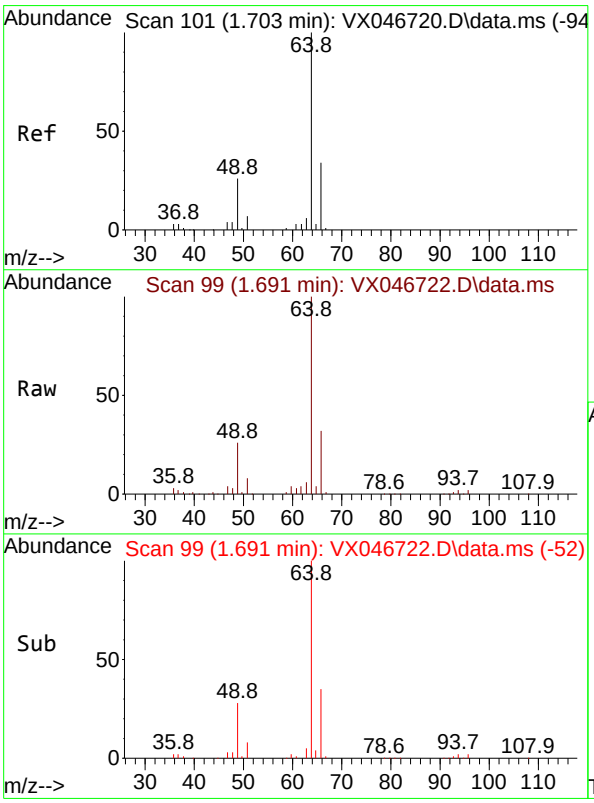
#5
Bromomethane
Concen: 121.652 ug/l
RT: 1.612 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 90708

Ion	Ratio	Lower	Upper
94	100		
96	92.9	72.3	108.5

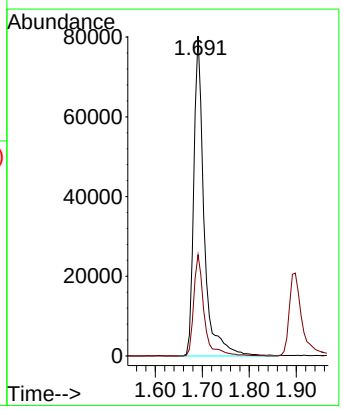


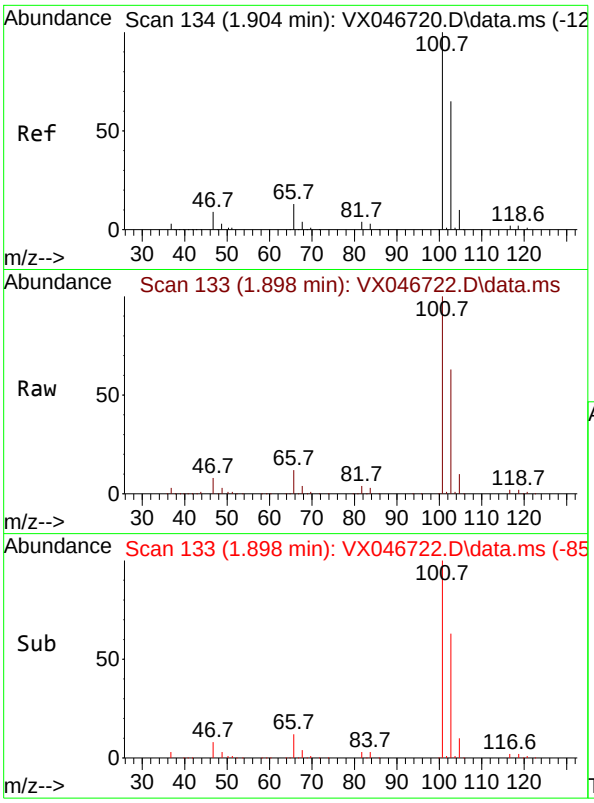


#6
Chloroethane
Concen: 153.530 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.012 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 64 Resp: 123323

Ion	Ratio	Lower	Upper
64	100		
66	31.7	27.1	40.7



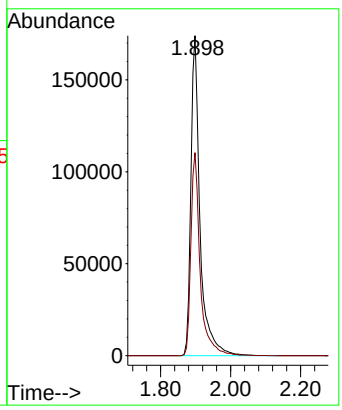


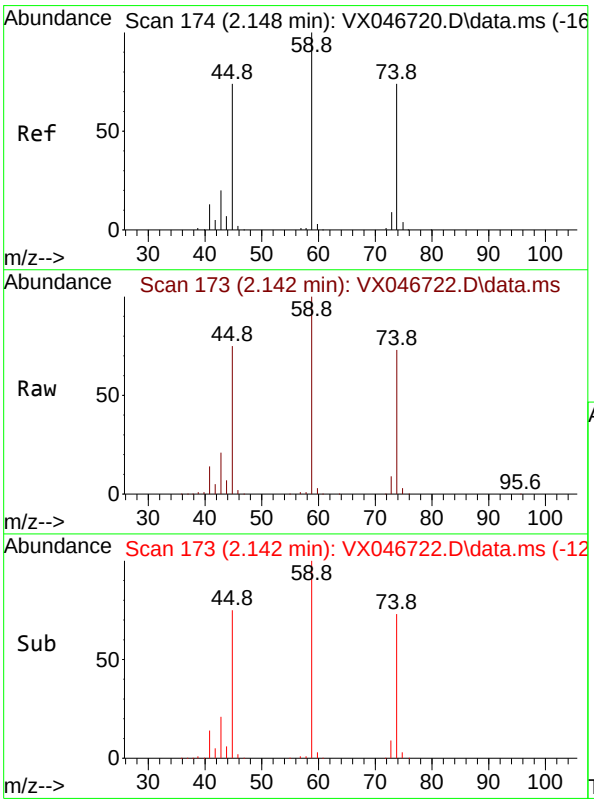
#7
Trichlorofluoromethane
Concen: 156.313 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 314552

Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.8	77.8

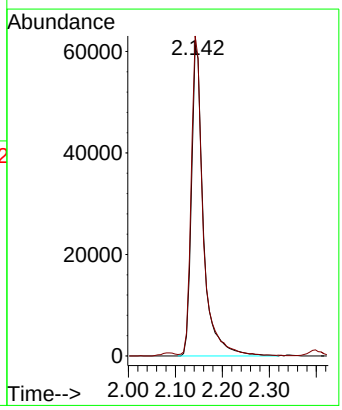


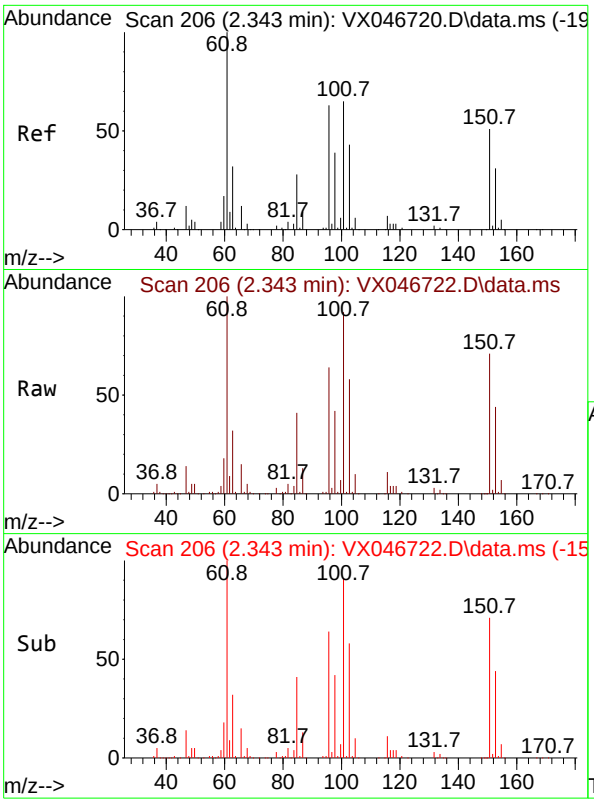


#8
Diethyl Ether
Concen: 157.544 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 74 Resp: 108801

Ion	Ratio	Lower	Upper
74	100		
45	101.4	52.3	157.1



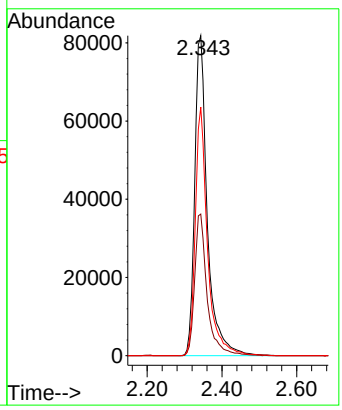


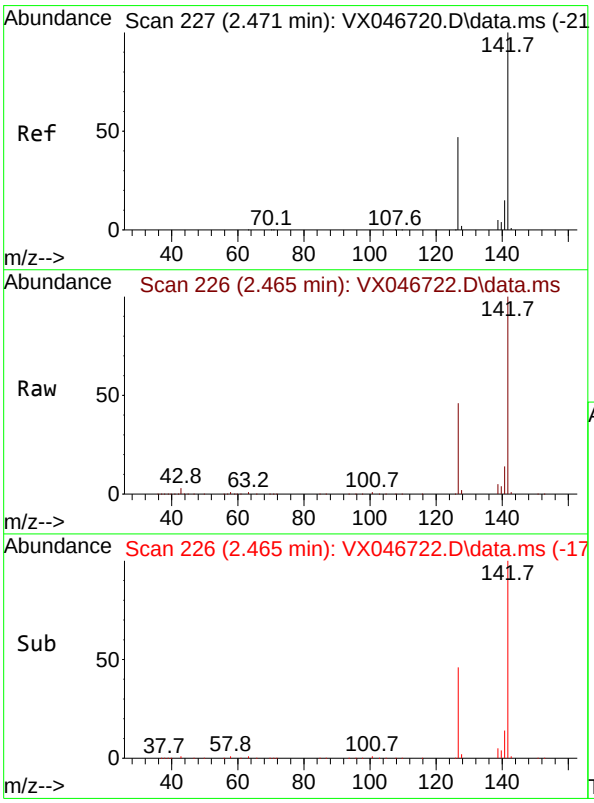
#9
1,1,2-Trichlorotrifluoroethane
Concen: 155.583 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 192071

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.4	53.0
151	75.4	61.2	91.8

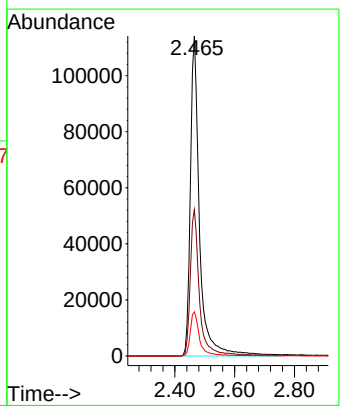


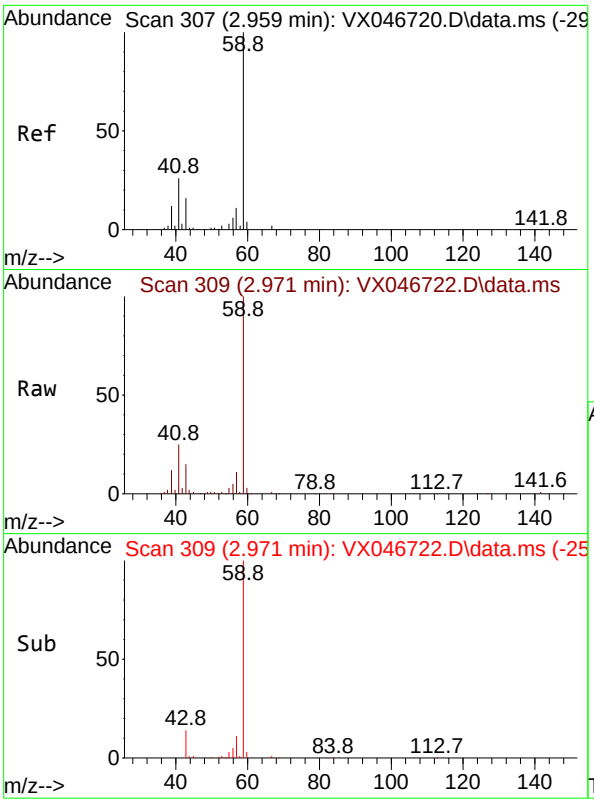


#10
Methyl Iodide
Concen: 148.201 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:142 Resp: 243423

Ion	Ratio	Lower	Upper
142	100		
127	45.5	37.0	55.6
141	13.6	11.5	17.3



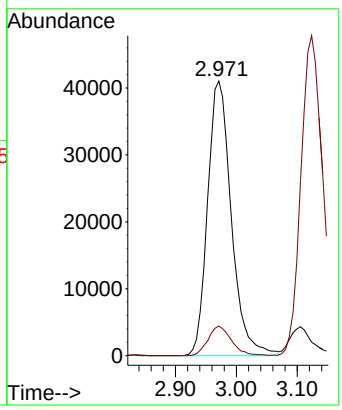


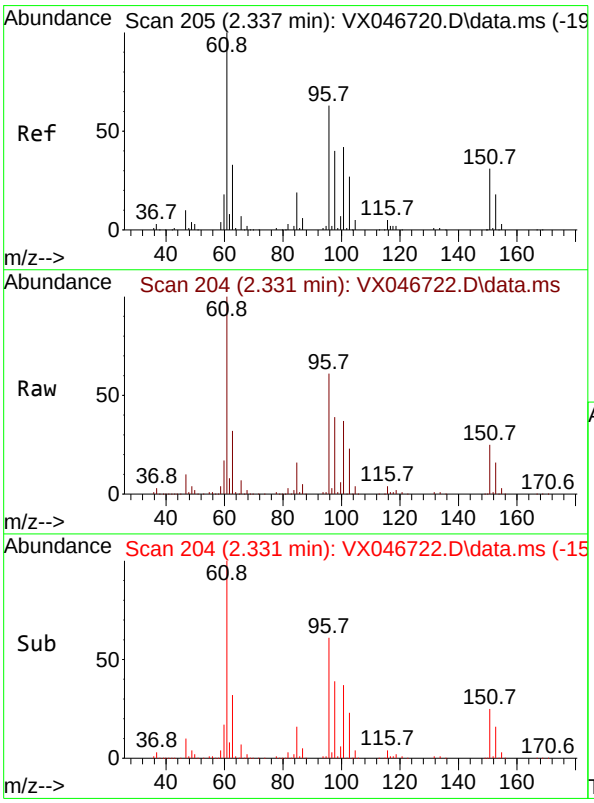
#11
Tert butyl alcohol
Concen: 830.155 ug/l
RT: 2.971 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 111150

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

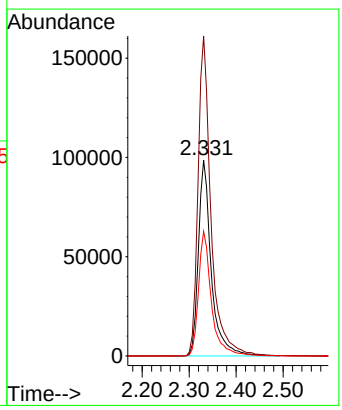


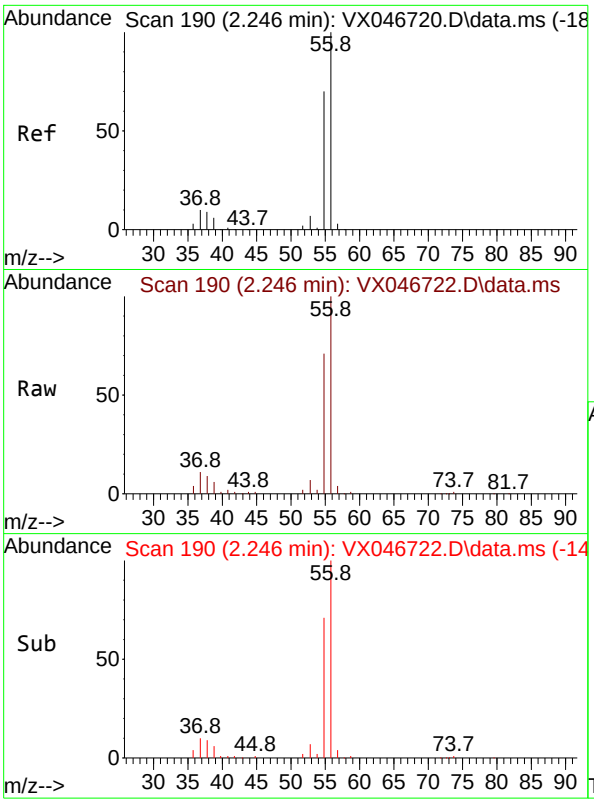


#12
1,1-Dichloroethene
Concen: 158.466 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 96 Resp: 188770

Ion	Ratio	Lower	Upper
96	100		
61	163.4	126.6	189.8
98	63.6	50.7	76.1



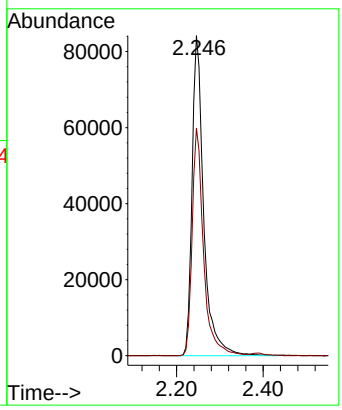


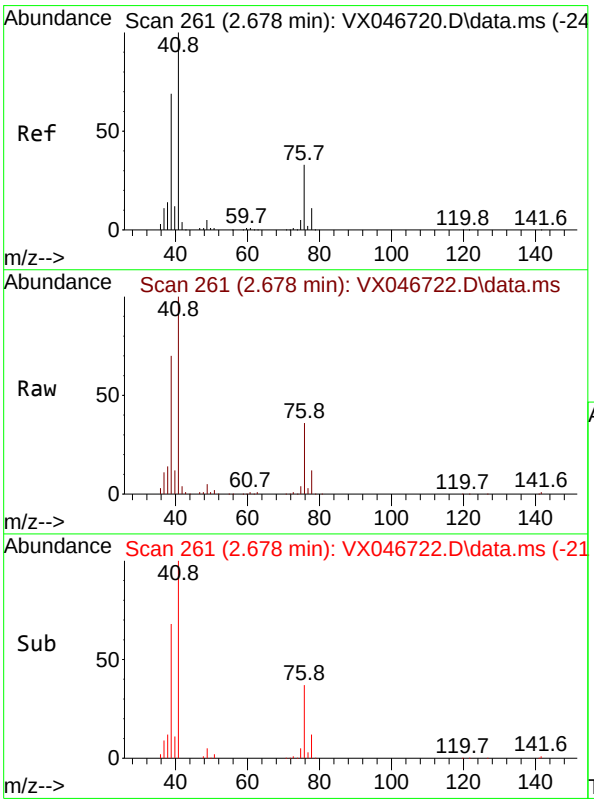
#13
Acrolein
Concen: 804.238 ug/l
RT: 2.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 156844

Ion	Ratio	Lower	Upper
56	100		
55	69.8	55.2	82.8

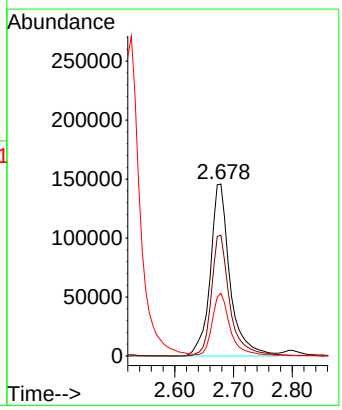


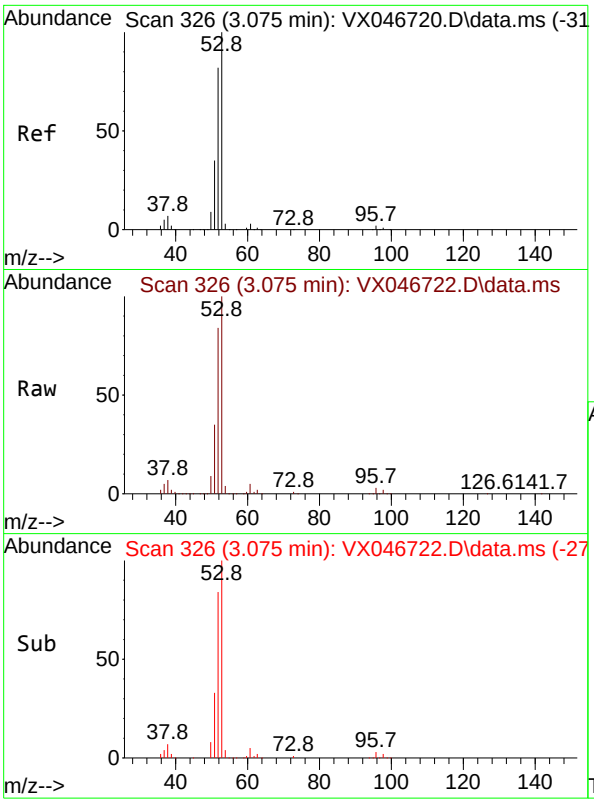


#14
Allyl chloride
Concen: 157.583 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 41 Resp: 340117

Ion	Ratio	Lower	Upper
41	100		
39	65.9	53.6	80.4
76	33.6	26.8	40.2



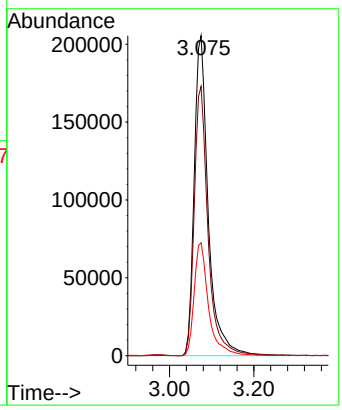


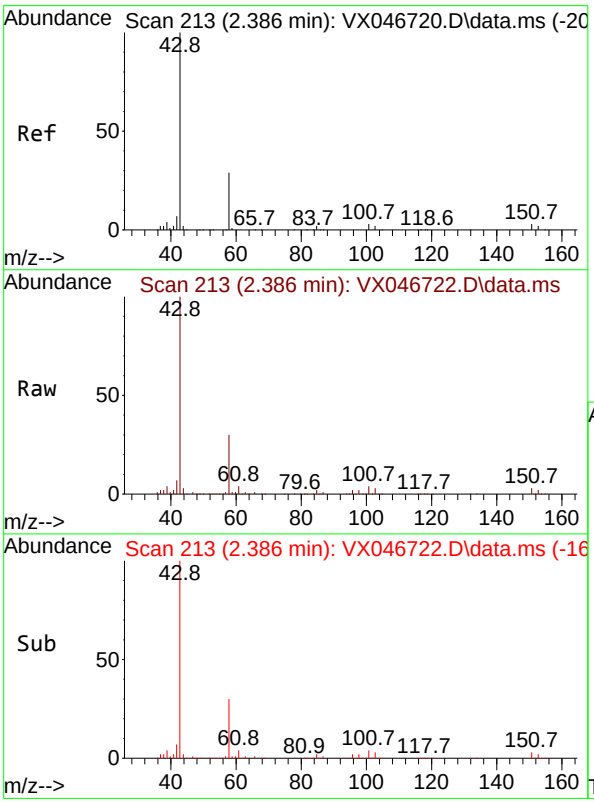
#15
Acrylonitrile
Concen: 793.036 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 477449

Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.1	97.7
51	36.3	28.9	43.3

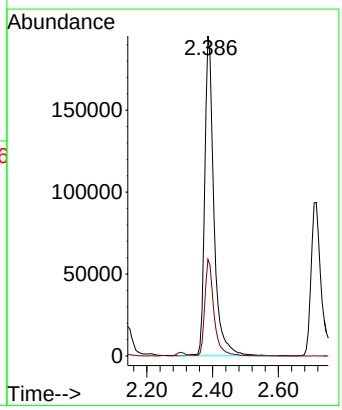


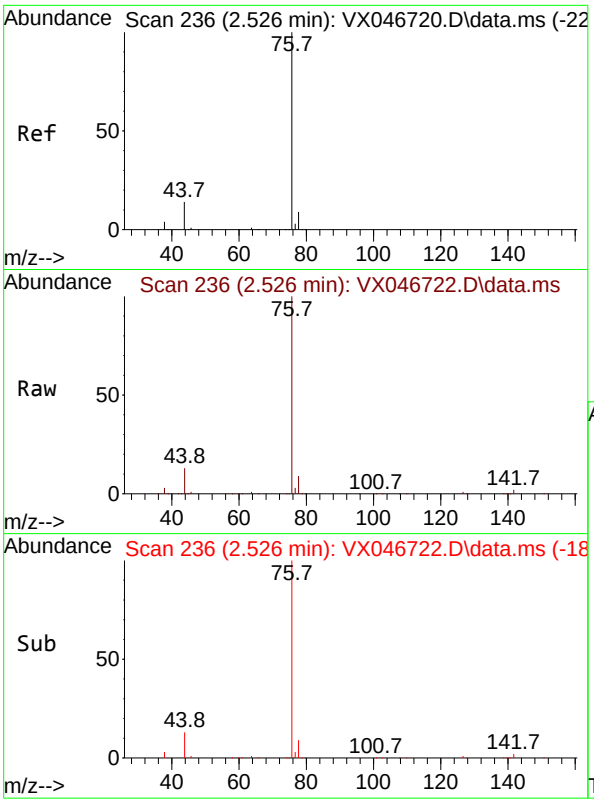


#16
Acetone
Concen: 760.980 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 43 Resp: 378554

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.5	36.7



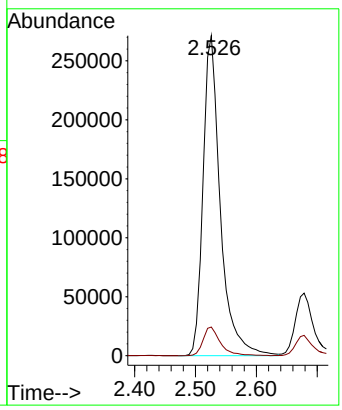


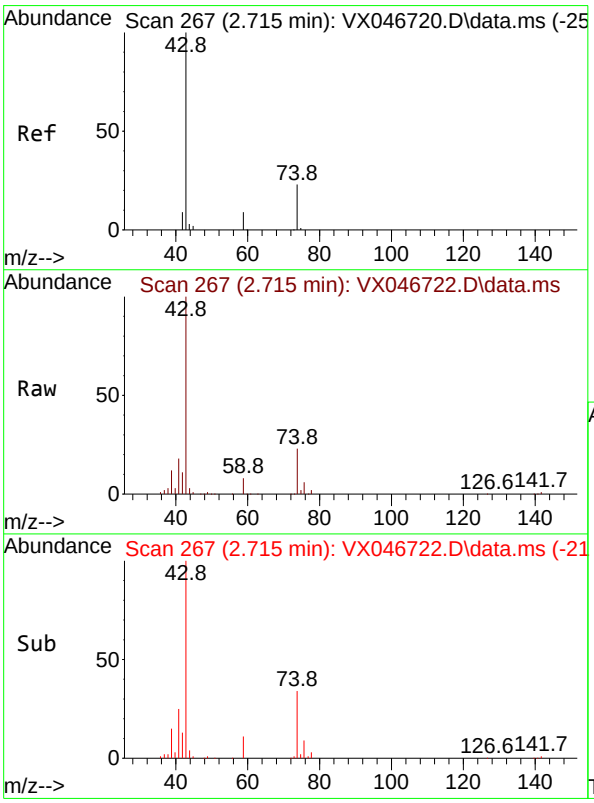
#17
Carbon Disulfide
Concen: 148.907 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 535657

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

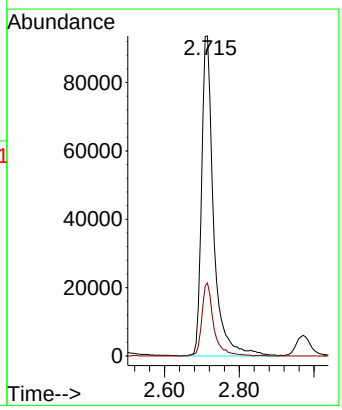


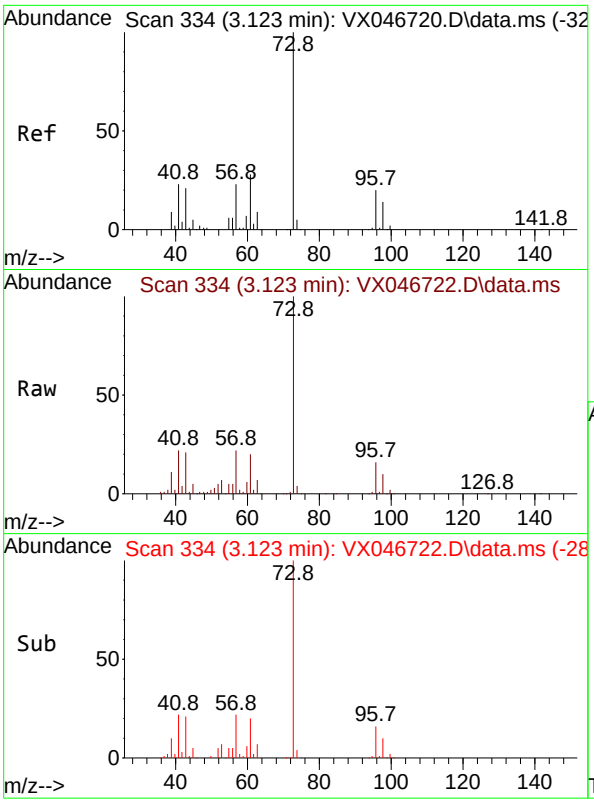


#18
Methyl Acetate
Concen: 165.695 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 43 Resp: 209349

Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.4	27.6



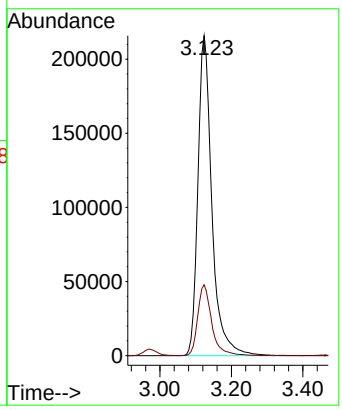


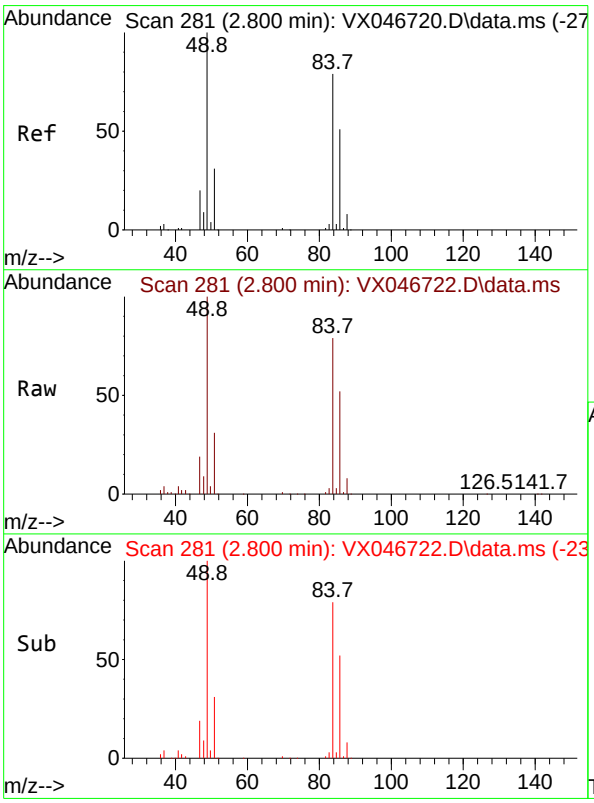
#19
Methyl tert-butyl Ether
Concen: 157.742 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 585091

Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.2	27.2

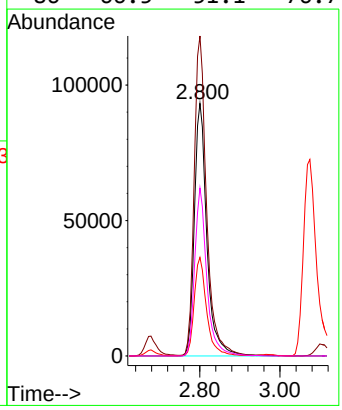


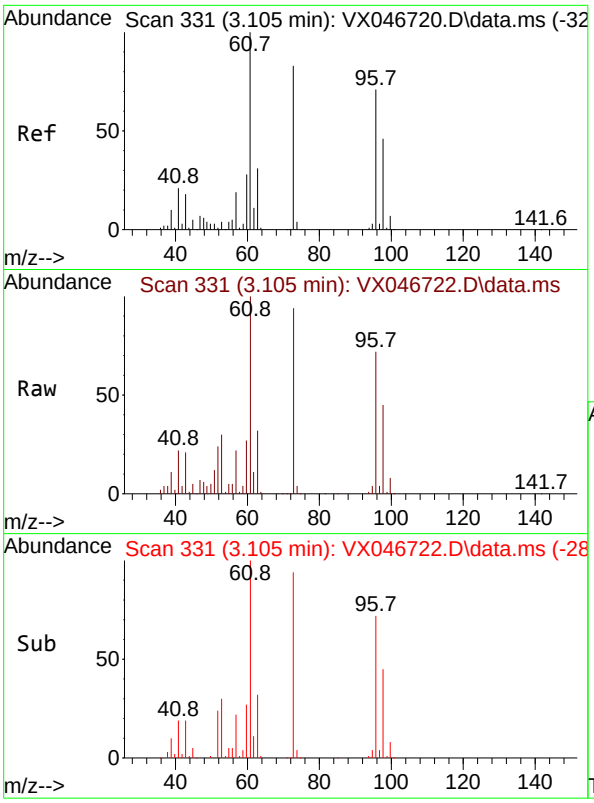


#20
Methylene Chloride
Concen: 146.004 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 84 Resp: 201983

Ion	Ratio	Lower	Upper
84	100		
49	126.6	101.3	151.9
51	39.0	31.0	46.6
86	66.5	51.1	76.7



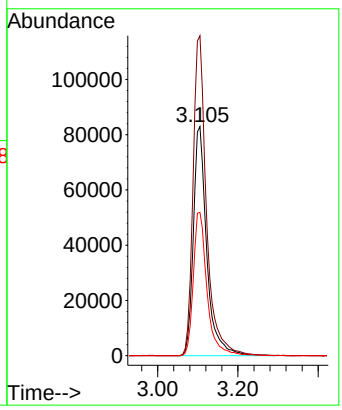


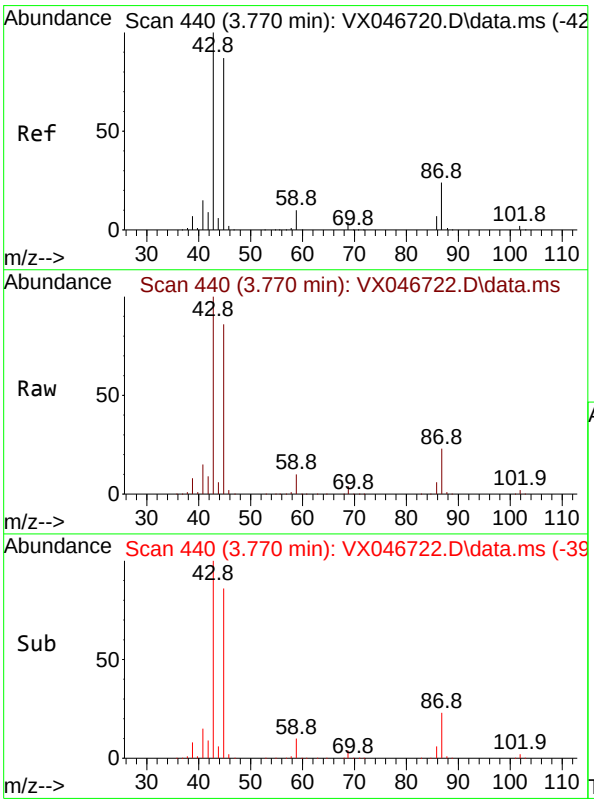
#21
trans-1,2-Dichloroethene
Concen: 151.016 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 192490

Ion	Ratio	Lower	Upper
96	100		
61	139.6	112.5	168.7
98	62.5	51.9	77.9

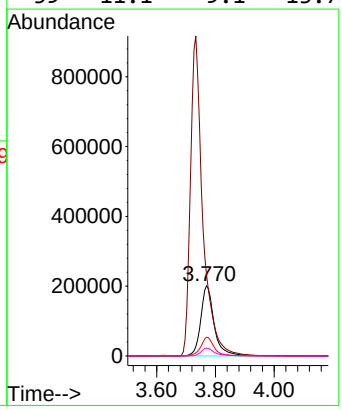


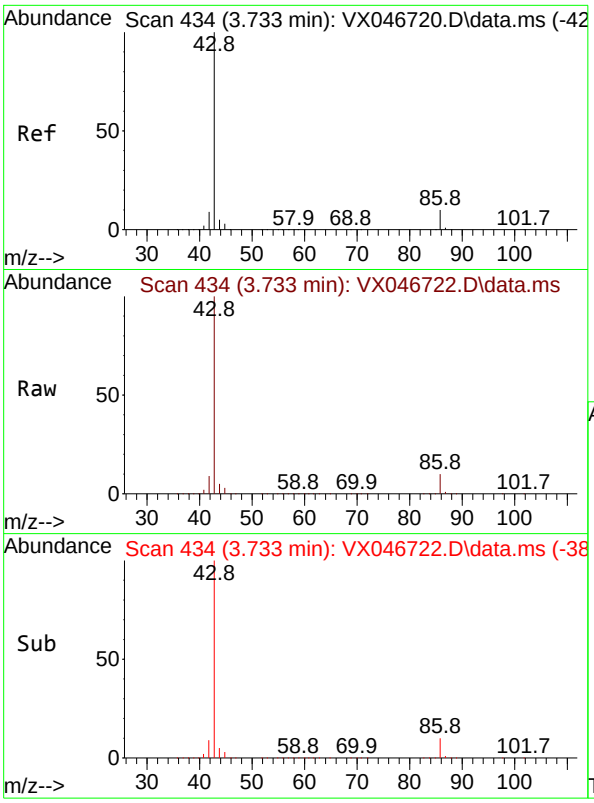


#22
Diisopropyl ether
Concen: 153.904 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 45 Resp: 638477

Ion	Ratio	Lower	Upper
45	100		
43	115.7	91.9	137.9
87	26.6	22.0	33.0
59	11.1	9.1	13.7



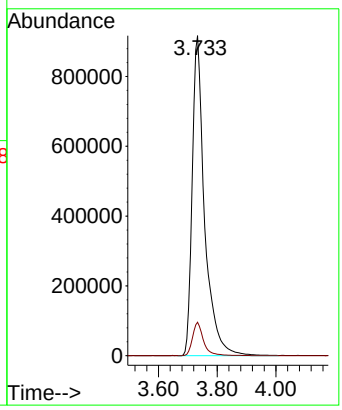


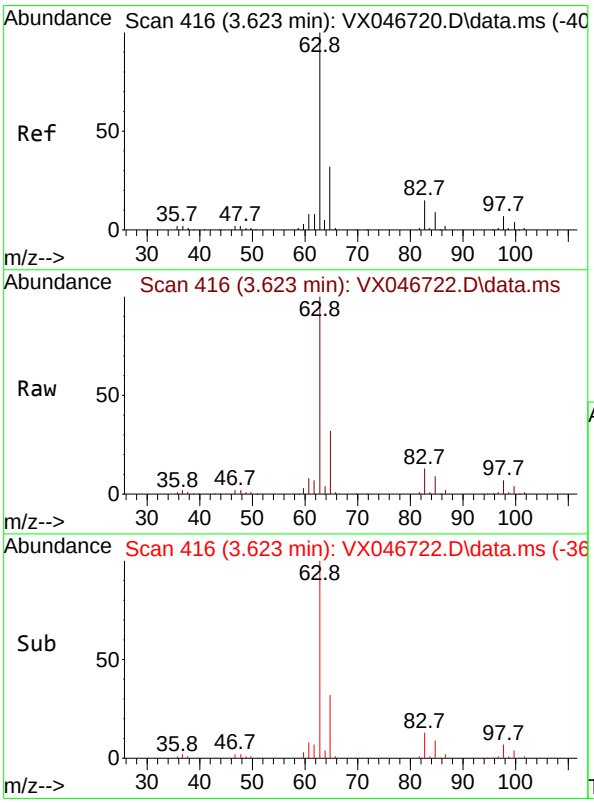
#23
Vinyl Acetate
Concen: 815.794 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2691267

Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.2	12.2

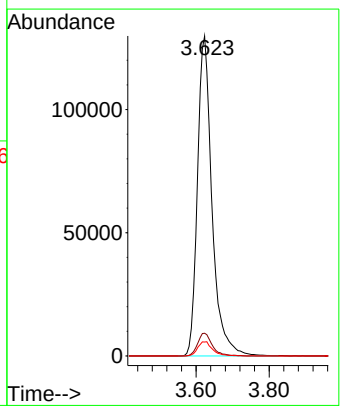


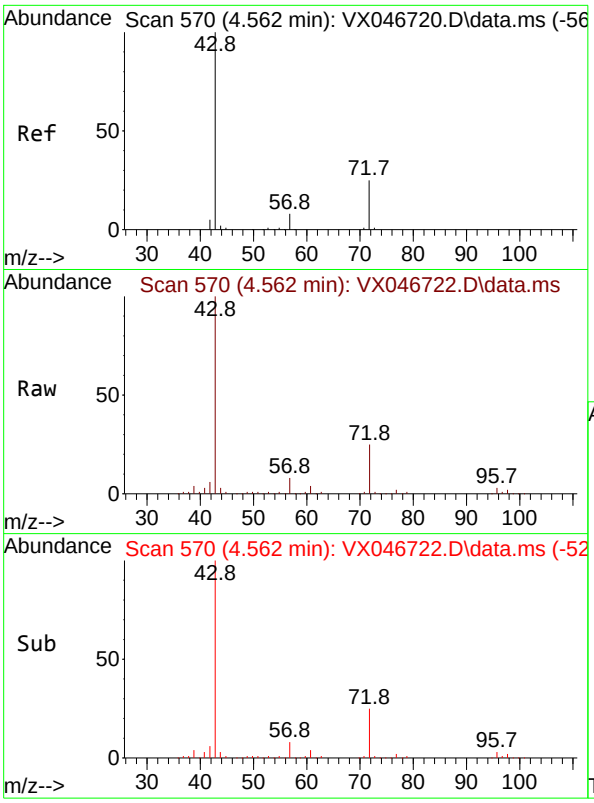


#24
1,1-Dichloroethane
Concen: 153.006 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 63 Resp: 360395

Ion	Ratio	Lower	Upper
63	100		
98	7.1	4.0	11.9
100	4.3	2.2	6.6



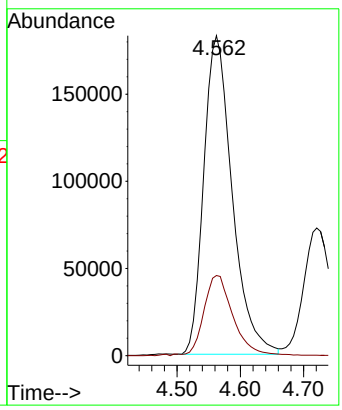


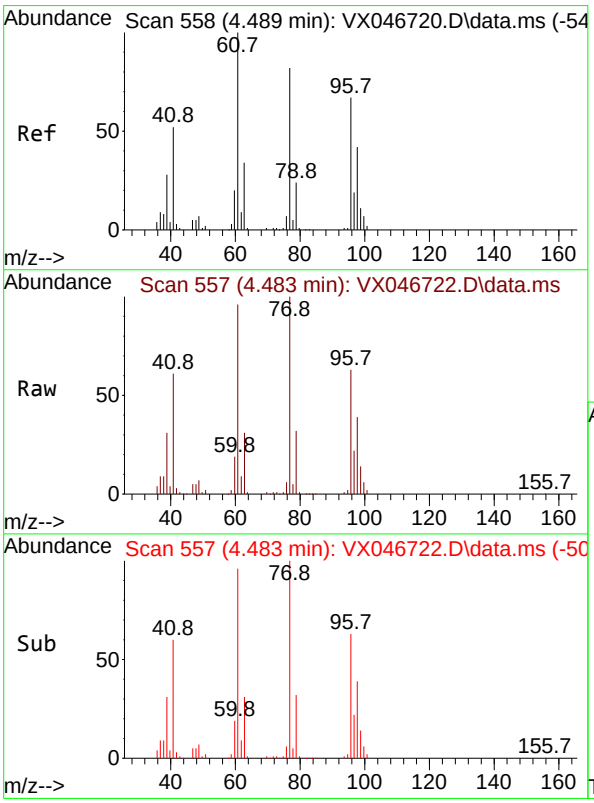
#25
2-Butanone
Concen: 811.132 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 570672

Ion	Ratio	Lower	Upper
43	100		
72	24.7	20.2	30.4

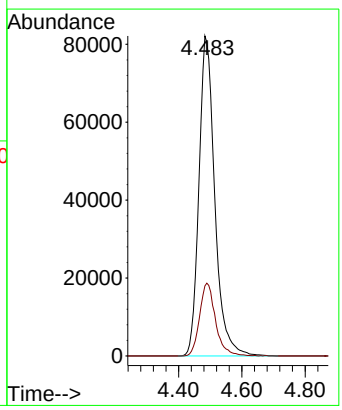


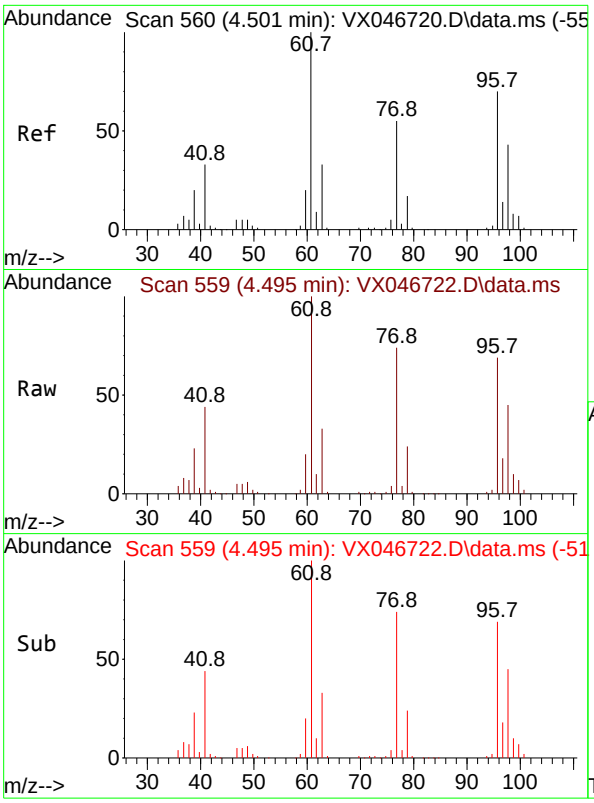


#26
2,2-Dichloropropane
Concen: 166.896 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 77 Resp: 286713

Ion	Ratio	Lower	Upper
77	100		
97	22.9	11.8	35.3



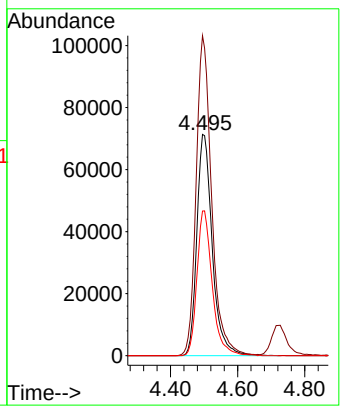


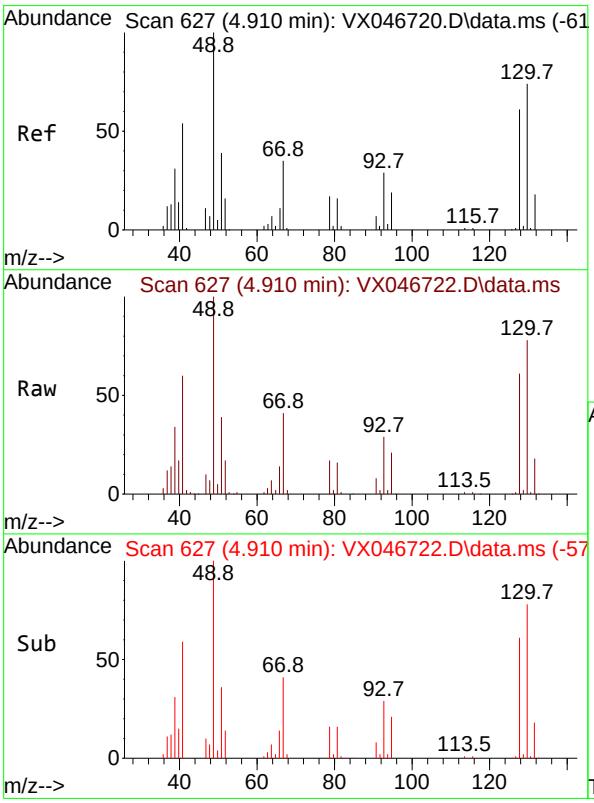
#27
cis-1,2-Dichloroethene
Concen: 152.112 ug/l
RT: 4.495 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 227788

Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	291.0
98	64.7	0.0	126.8

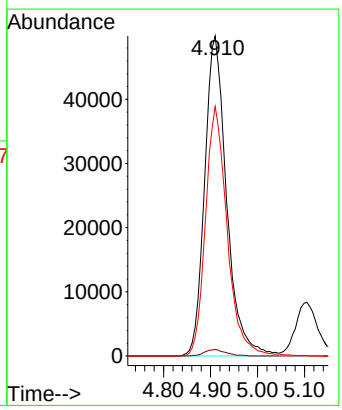


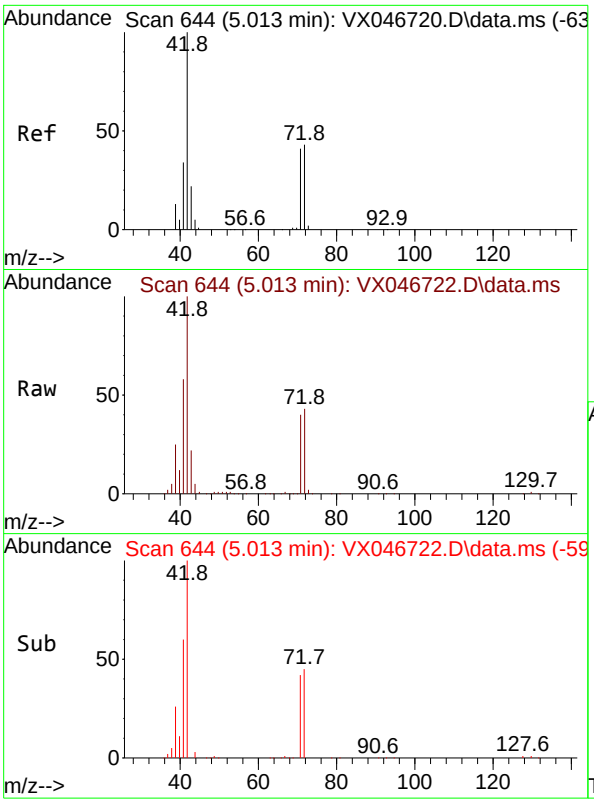


#28
Bromochloromethane
Concen: 151.520 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 49 Resp: 161801

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	76.9	61.4	92.0



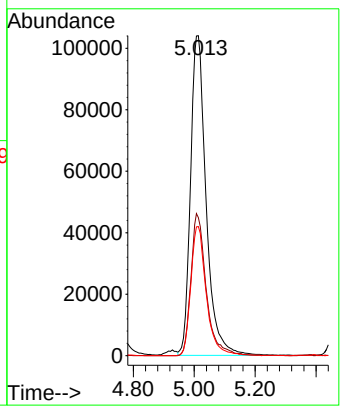


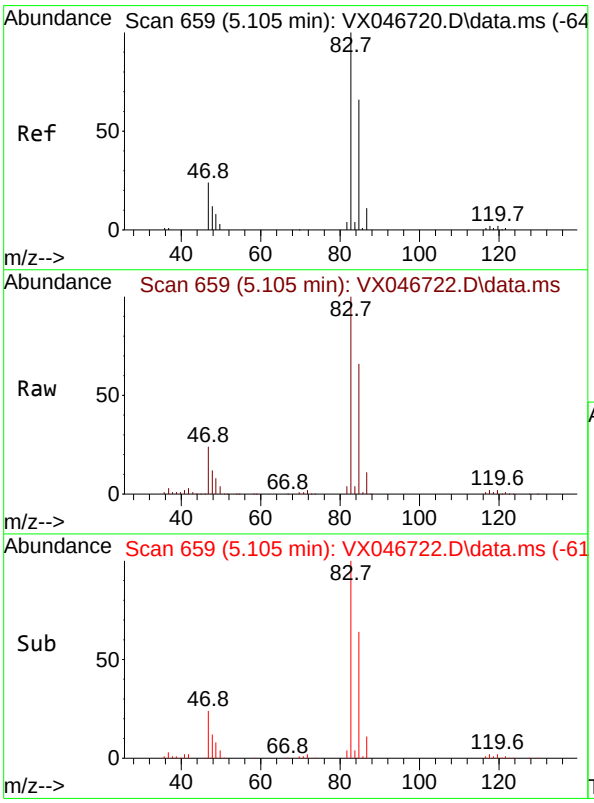
#29
Tetrahydrofuran
Concen: 815.879 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 370760

Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.9	52.3
71	40.1	32.2	48.2

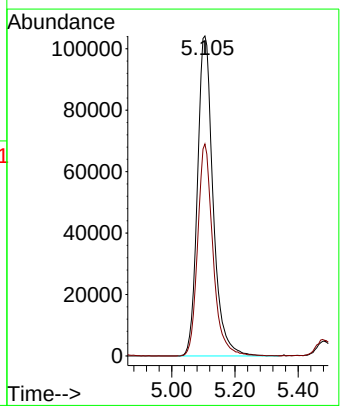


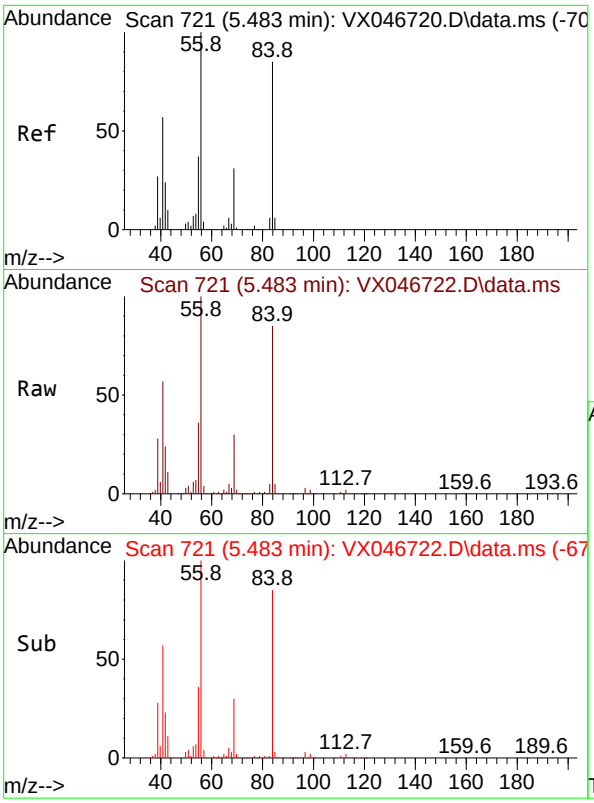


#30
Chloroform
Concen: 152.312 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 83 Resp: 358782

Ion	Ratio	Lower	Upper
83	100		
85	66.2	53.7	80.5



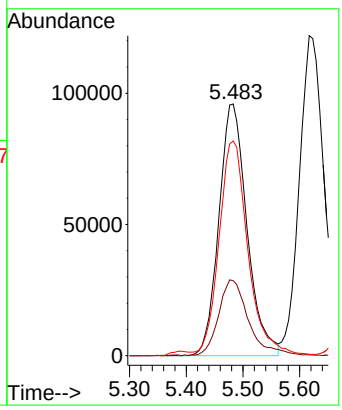


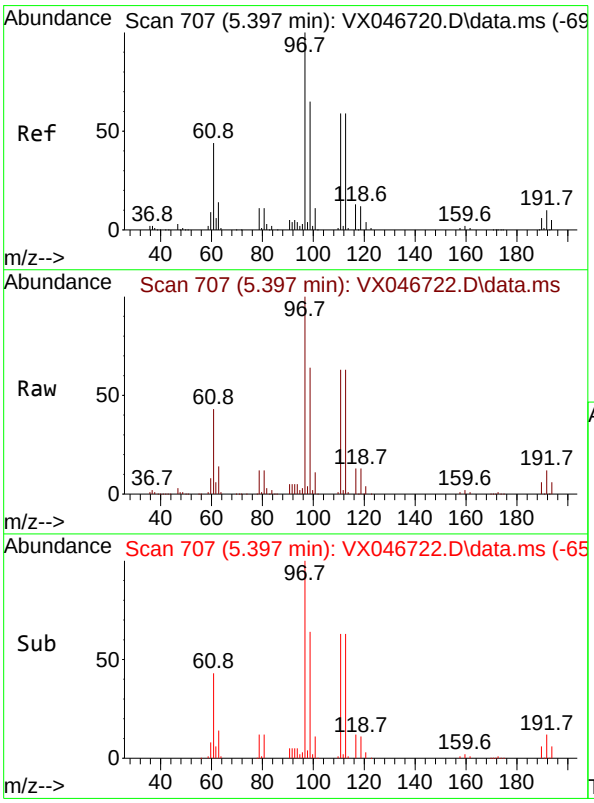
#31
Cyclohexane
Concen: 147.842 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 330235

Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.8	37.2
84	83.6	68.2	102.2

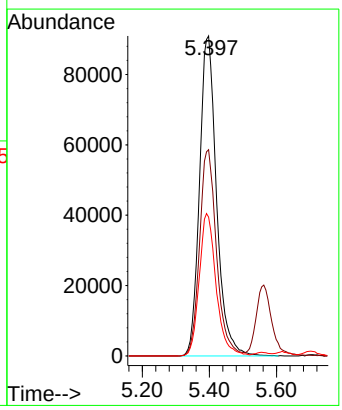


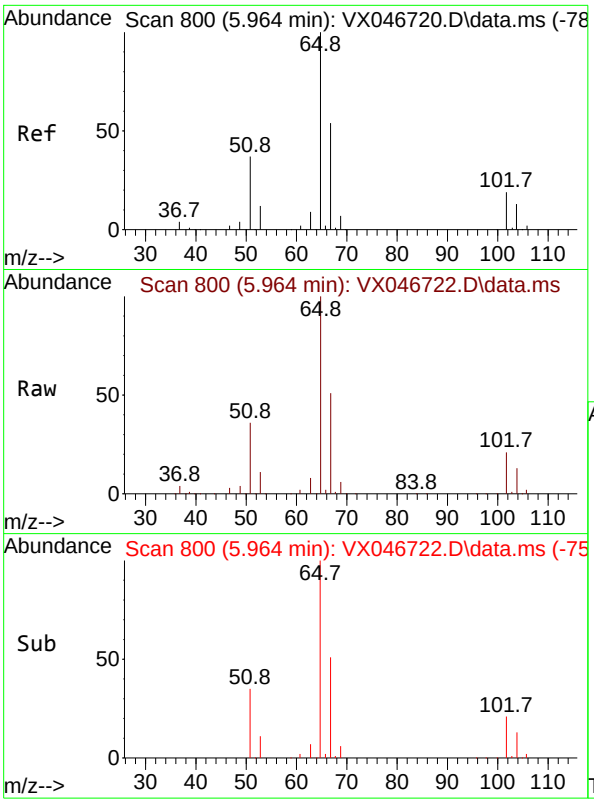


#32
1,1,1-Trichloroethane
Concen: 155.082 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 97 Resp: 320382

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	44.3	36.4	54.6



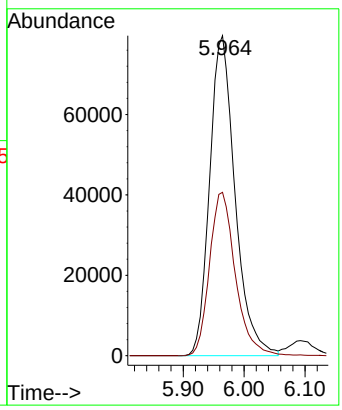


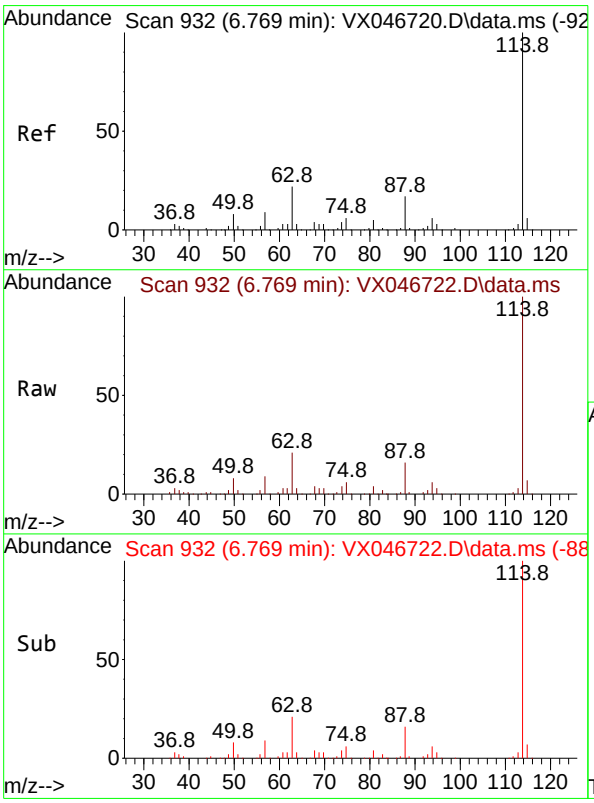
#33
1,2-Dichloroethane-d4
Concen: 154.797 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 230915

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.4

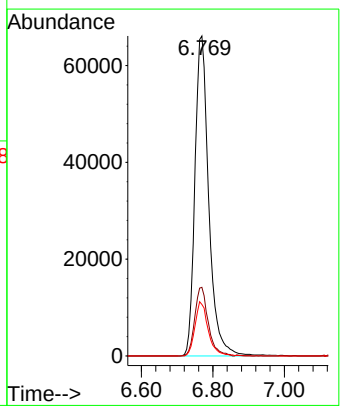


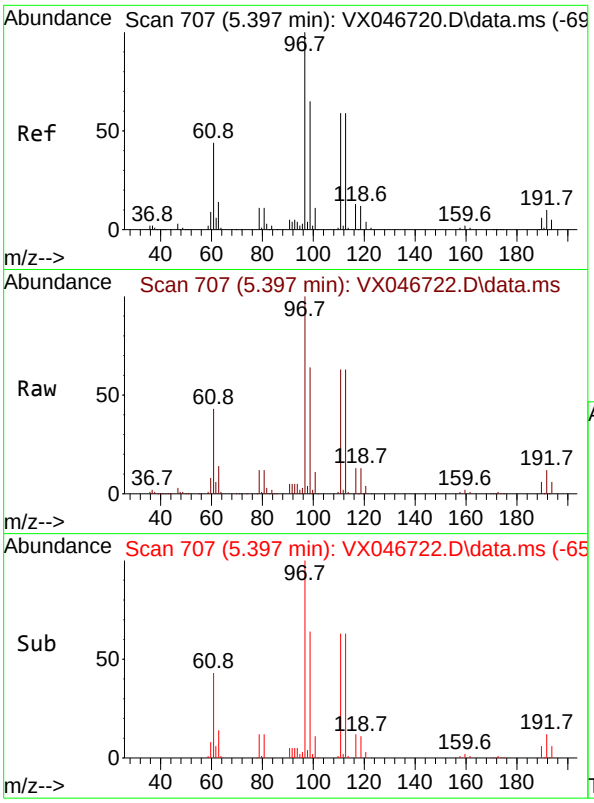


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:114 Resp: 178346

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.2
88	16.1	0.0	33.2



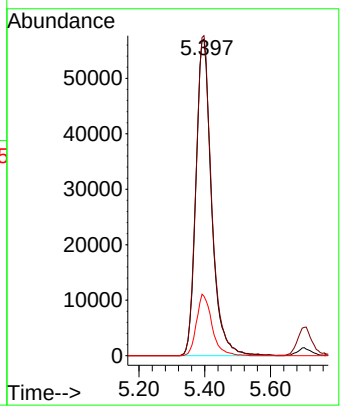


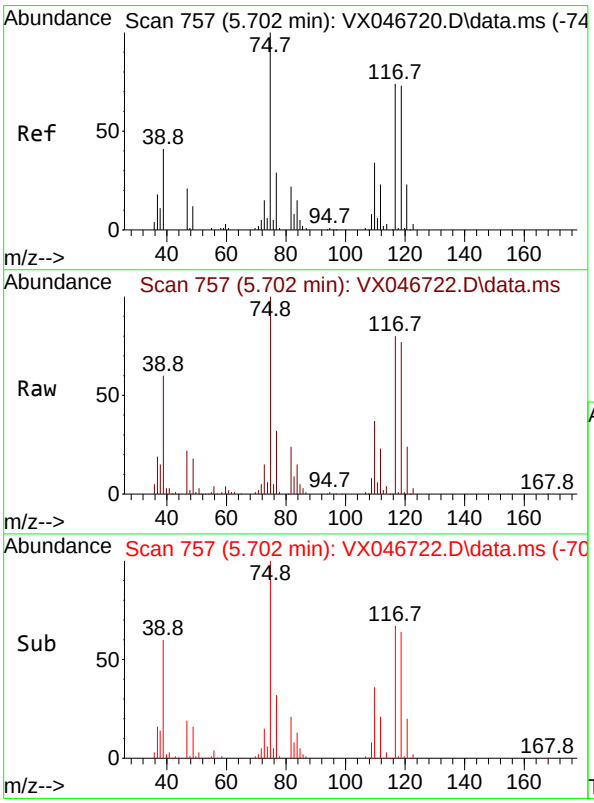
#35
Dibromofluoromethane
Concen: 158.930 ug/l
RT: 5.397 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 187536

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	19.2	15.3	22.9

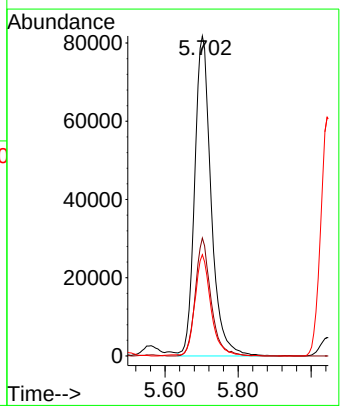


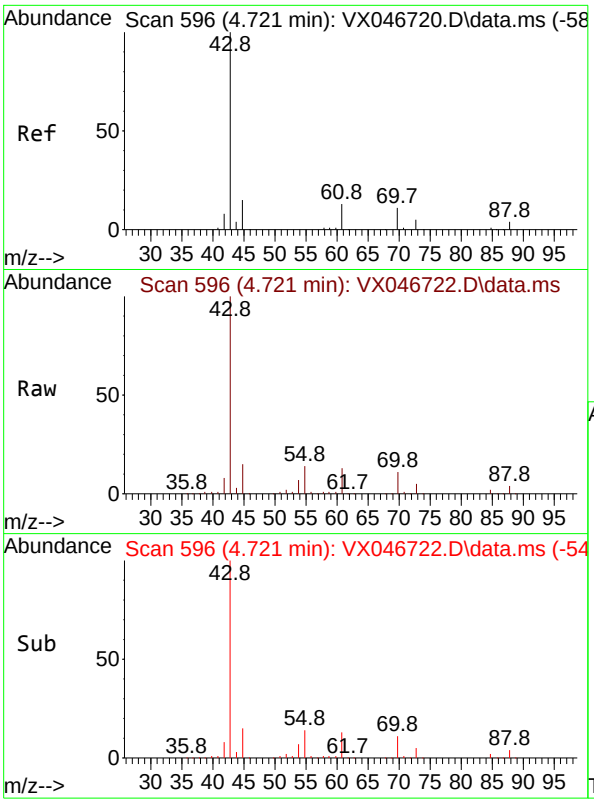


#36
1,1-Dichloropropene
Concen: 150.653 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 75 Resp: 256619

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.2	51.5
77	31.0	24.2	36.4



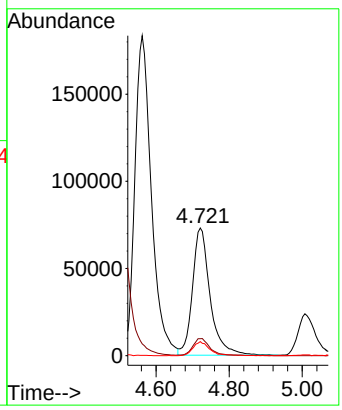


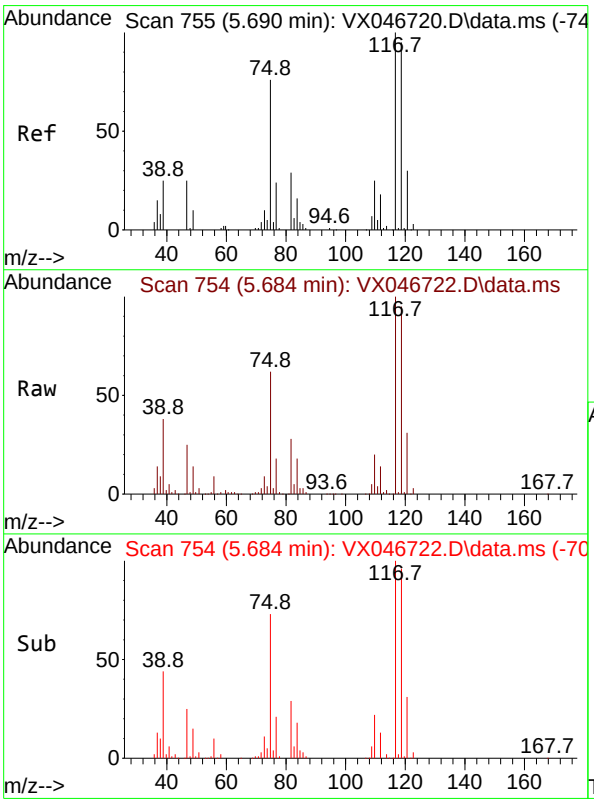
#37
Ethyl Acetate
Concen: 156.284 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 245724

Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.7	14.5
70	10.4	8.1	12.1

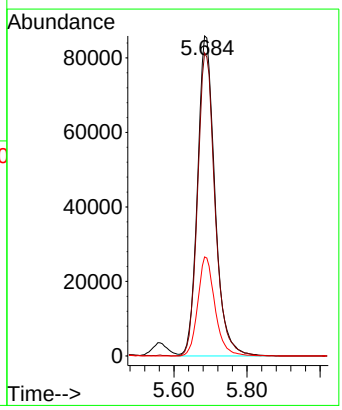


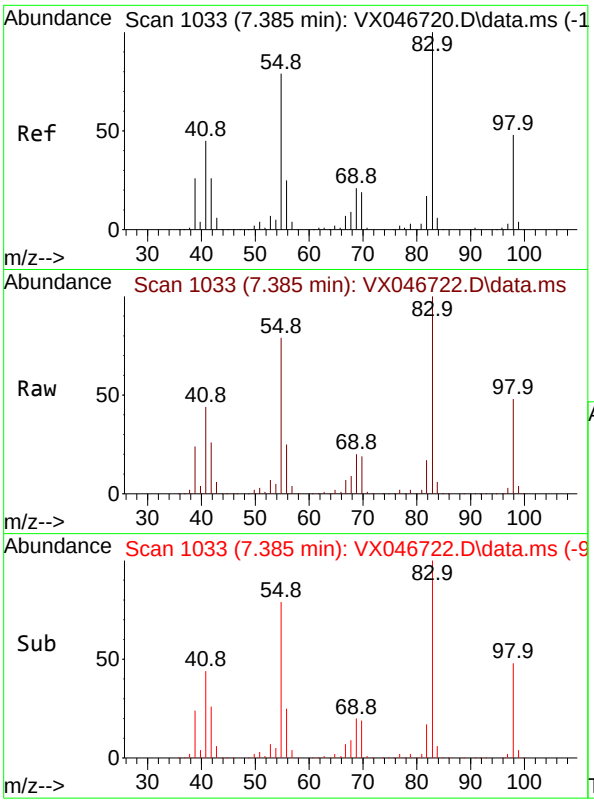


#38
Carbon Tetrachloride
Concen: 153.668 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:117 Resp: 284066

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.2	112.8
121	30.9	24.1	36.1



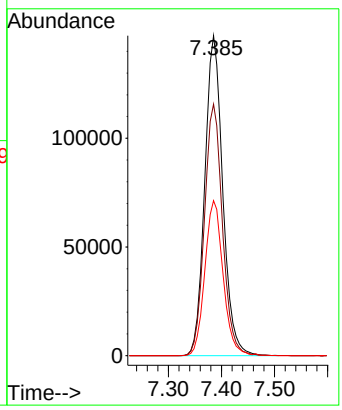


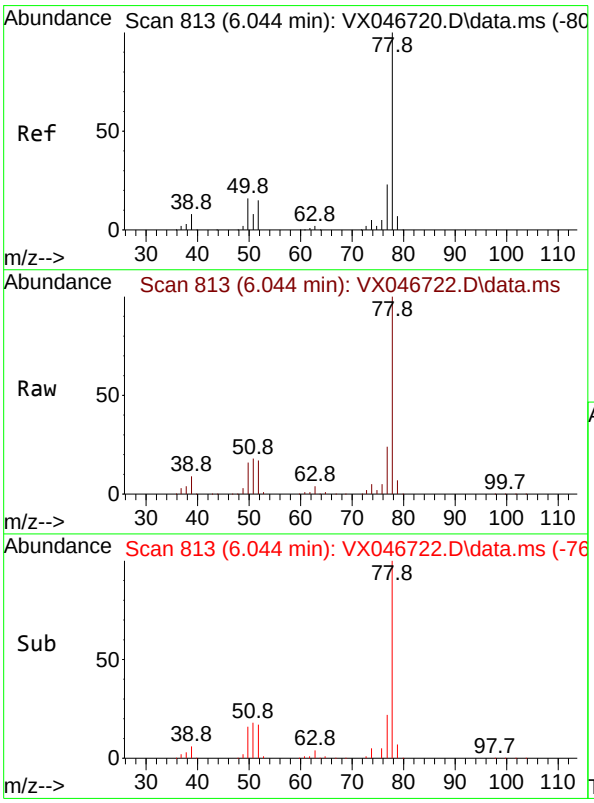
#39
Methylcyclohexane
Concen: 154.413 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 346118

Ion	Ratio	Lower	Upper
83	100		
55	78.6	63.0	94.4
98	48.5	38.8	58.2

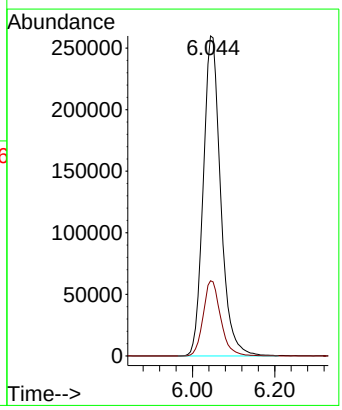


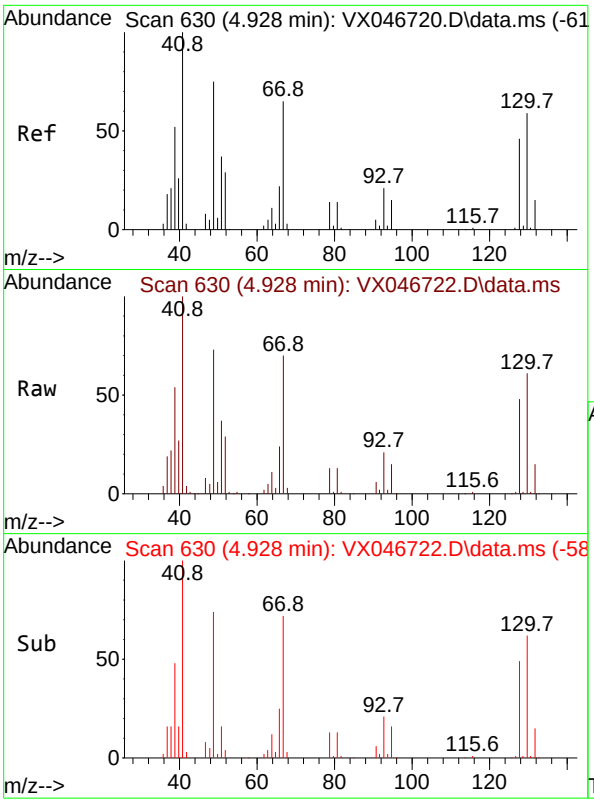


#40
Benzene
Concen: 151.423 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 78 Resp: 763341

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



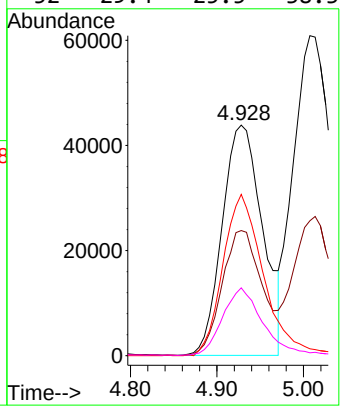


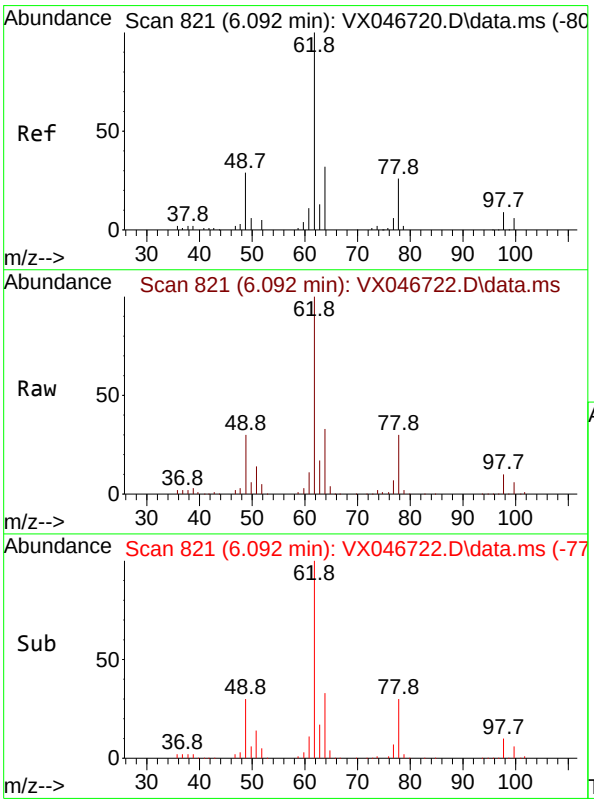
#41
Methacrylonitrile
Concen: 169.745 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 142283

Ion	Ratio	Lower	Upper
41	100		
39	52.0	45.9	68.9
67	71.3	61.2	91.8
52	29.4	25.5	38.3

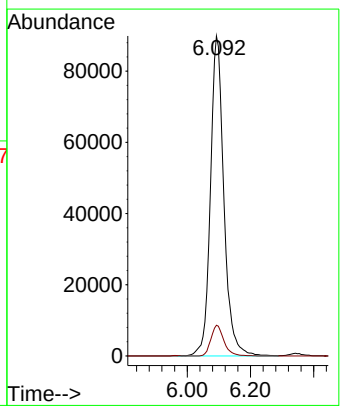


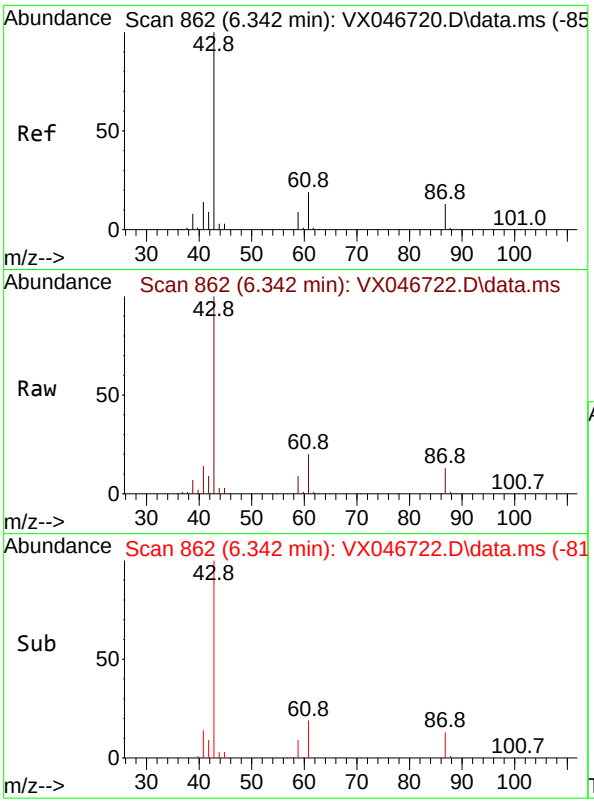


#42
1,2-Dichloroethane
Concen: 150.011 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 62 Resp: 265740

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8



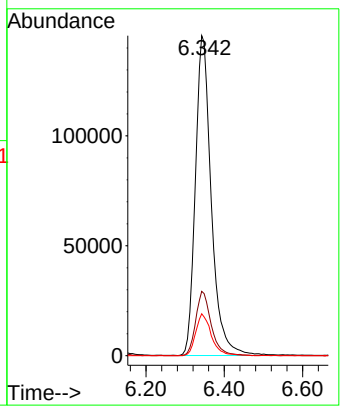


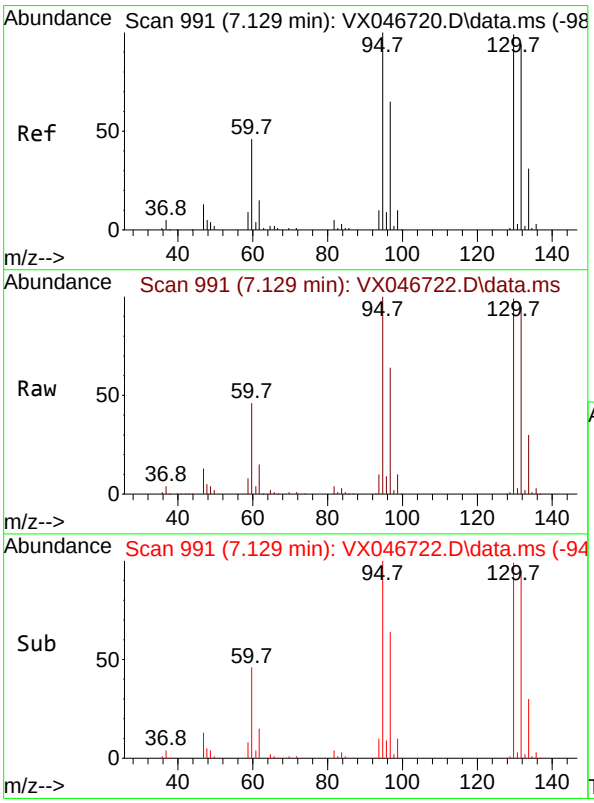
#43
Isopropyl Acetate
Concen: 167.483 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 412067

Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.3	22.9
87	12.8	10.0	15.0

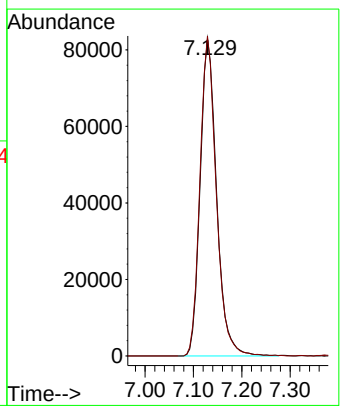


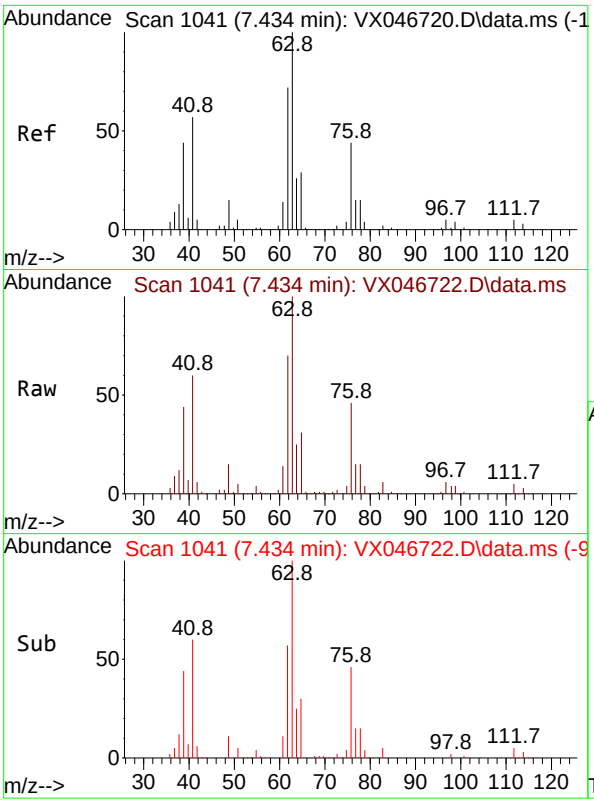


#44
Trichloroethene
Concen: 152.520 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:130 Resp: 195943

Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	202.6



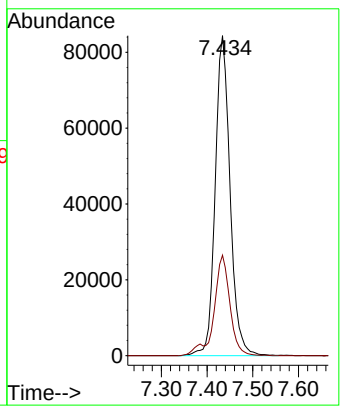


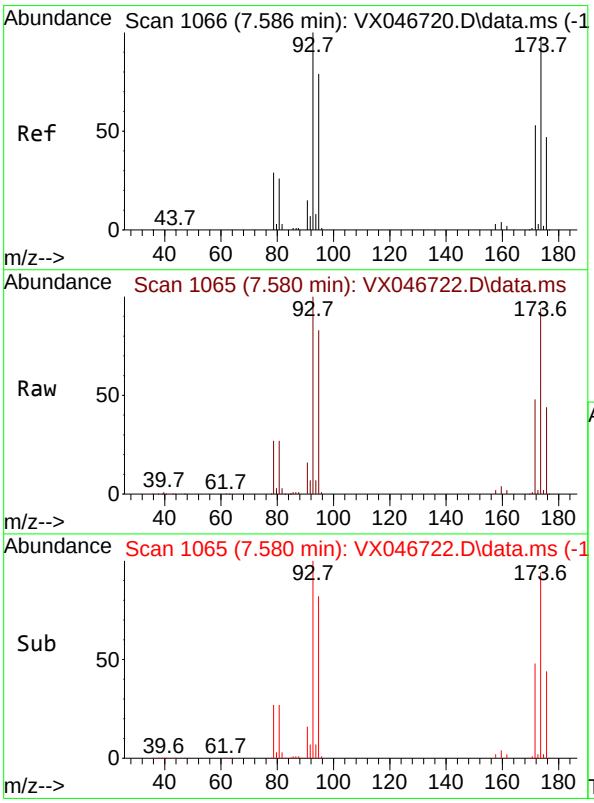
#45
1,2-Dichloropropane
Concen: 153.025 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 191181

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.9	34.3

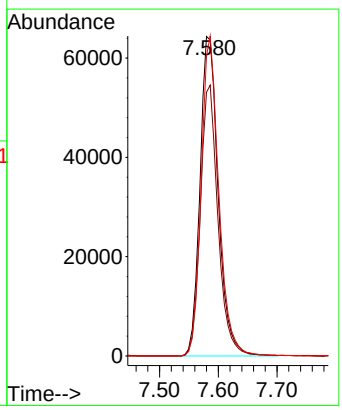


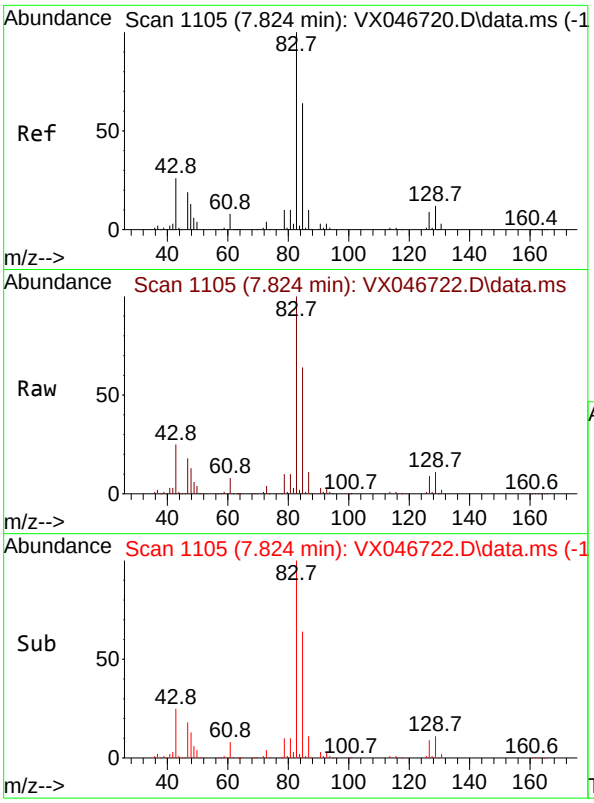


#46
Dibromomethane
Concen: 154.297 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 93 Resp: 138541

Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.2	99.4
174	97.0	77.0	115.6



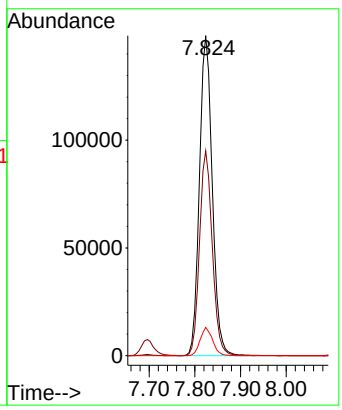


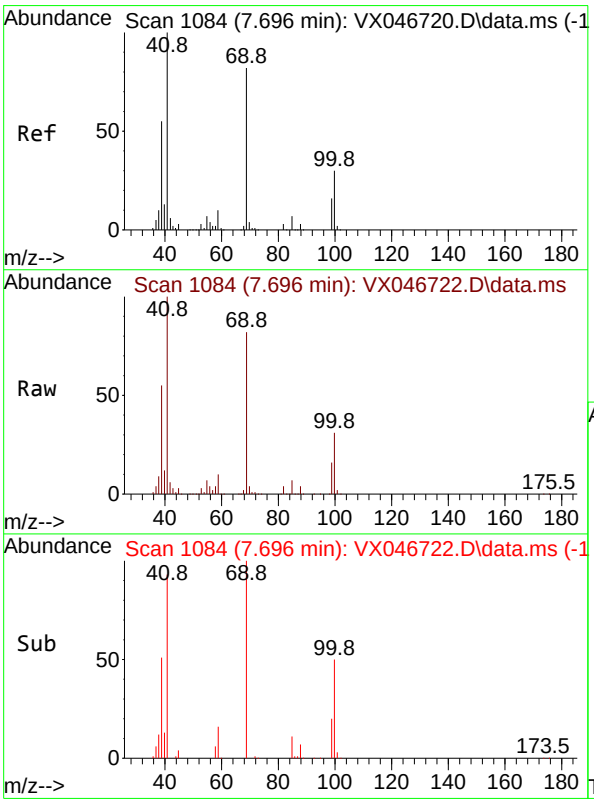
#47
Bromodichloromethane
Concen: 157.630 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 288826

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.2
127	8.8	6.9	10.3

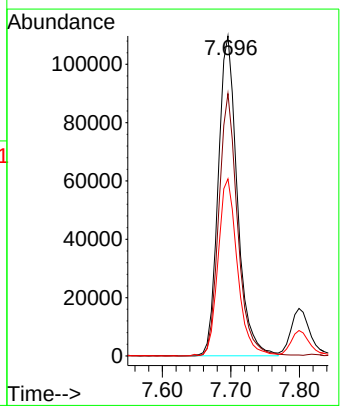


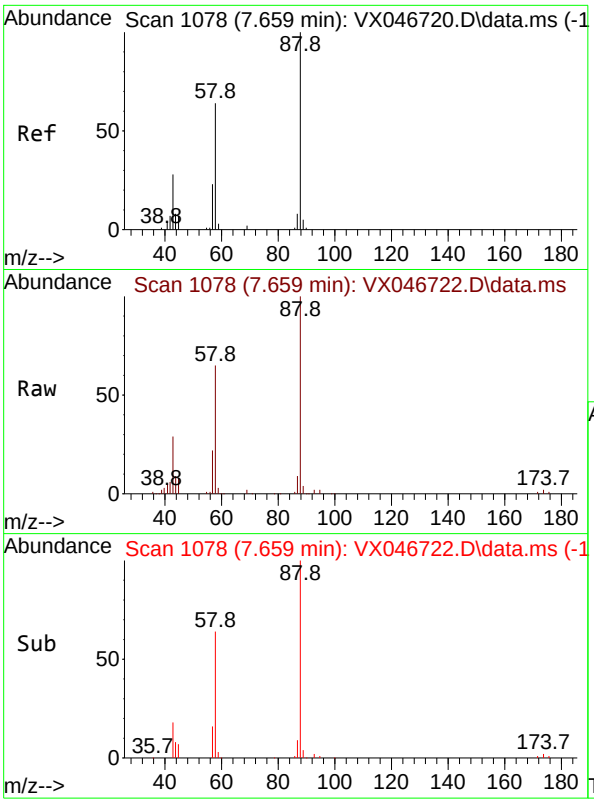


#48
Methyl methacrylate
Concen: 171.734 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 41 Resp: 211908

Ion	Ratio	Lower	Upper
41	100		
69	80.7	63.4	95.2
39	56.3	45.4	68.0



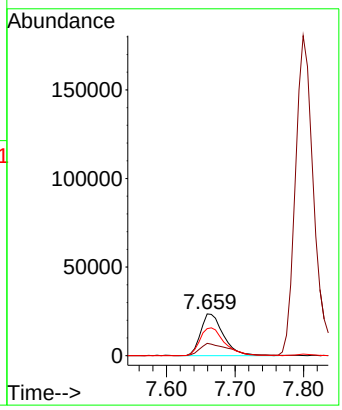


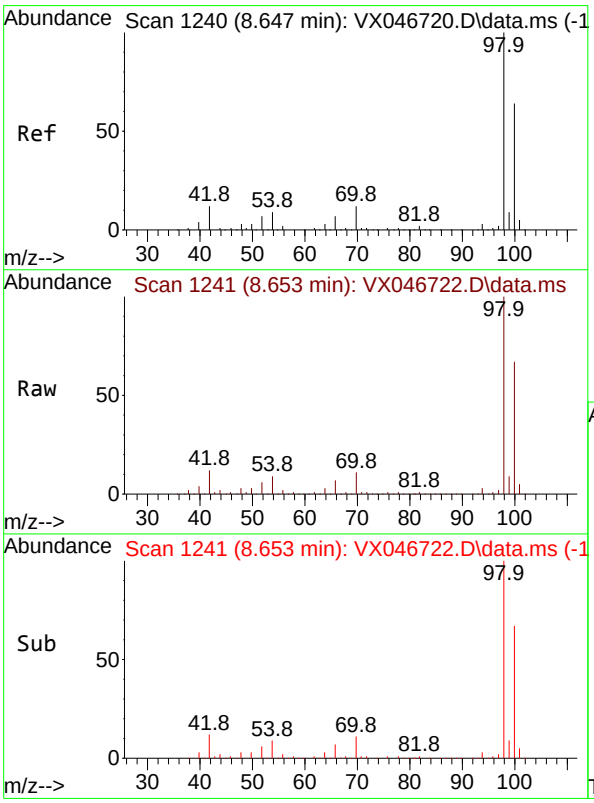
#49
1,4-Dioxane
Concen: 2987.386 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 54646

Ion	Ratio	Lower	Upper
88	100		
43	37.6	31.2	46.8
58	71.8	54.7	82.1

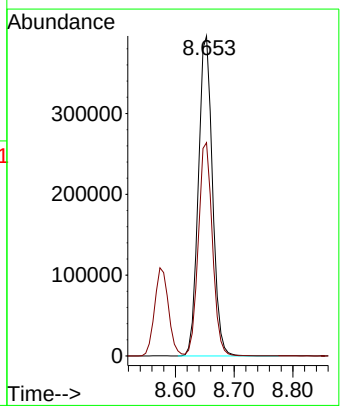


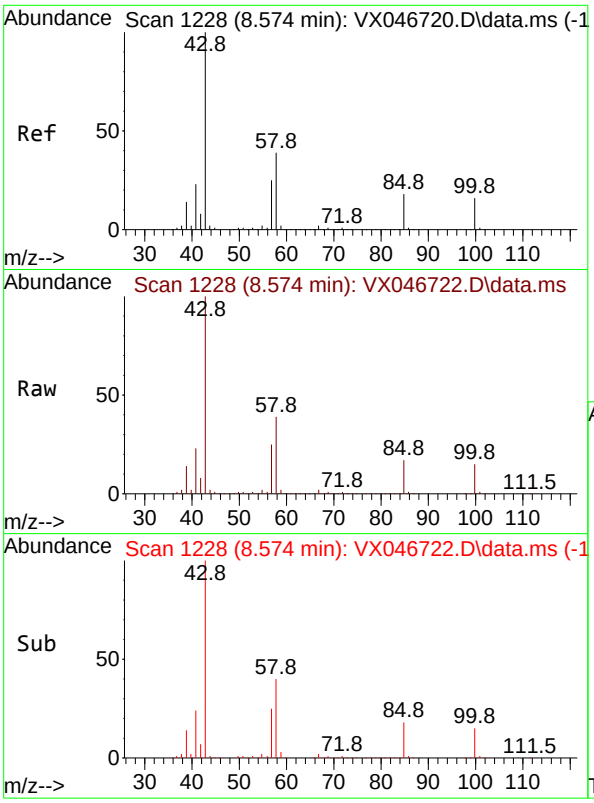


#50
Toluene-d8
Concen: 155.733 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 98 Resp: 660221

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



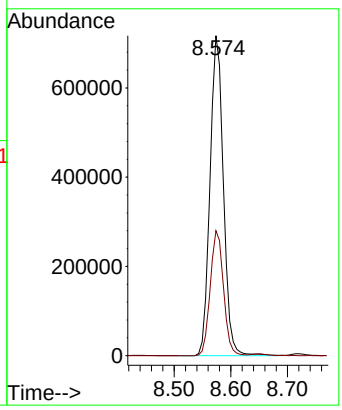


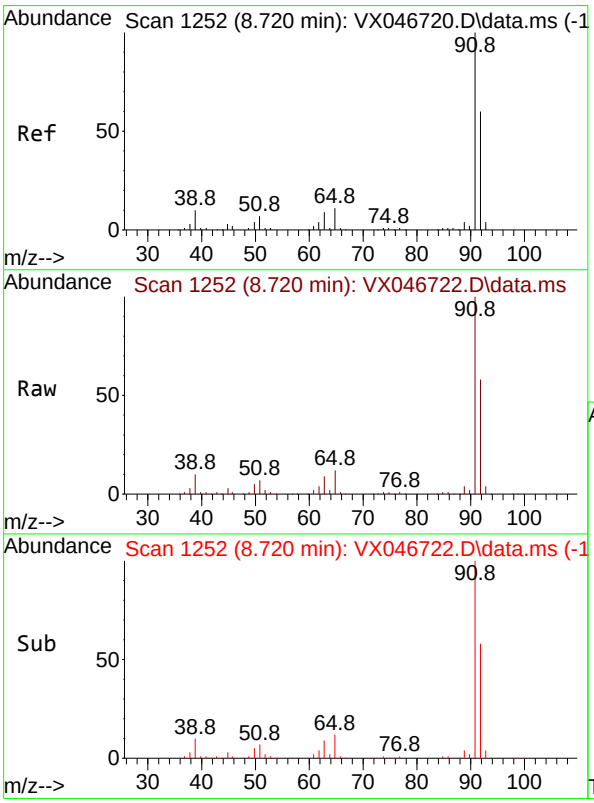
#51
4-Methyl-2-Pentanone
Concen: 799.825 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1173666

Ion	Ratio	Lower	Upper
43	100		
58	38.8	30.8	46.2

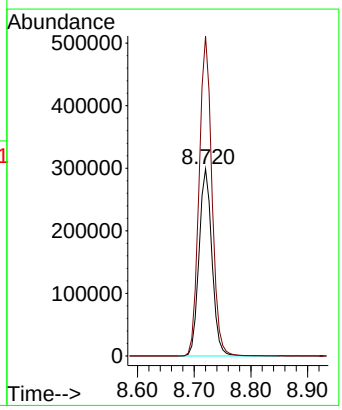


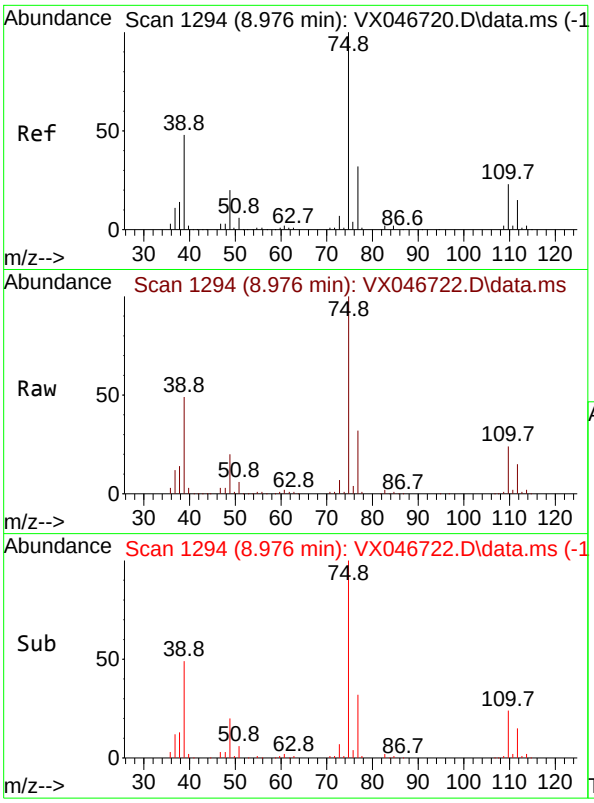


#52
Toluene
Concen: 150.800 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 92 Resp: 471273

Ion	Ratio	Lower	Upper
92	100		
91	169.7	134.8	202.2



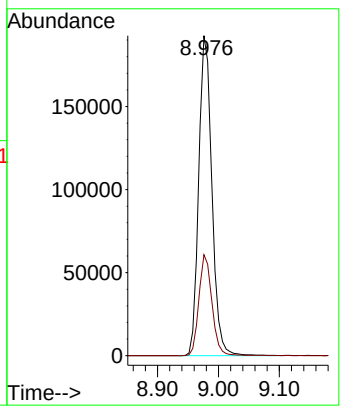


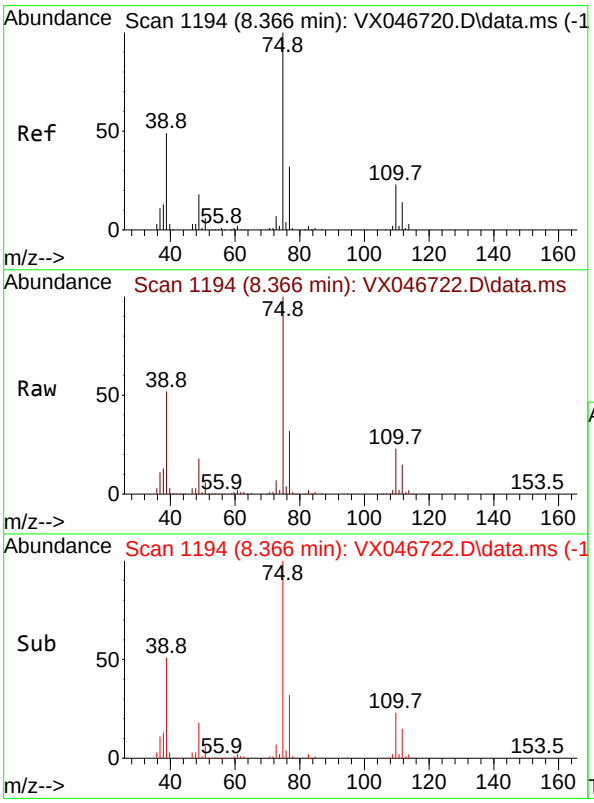
#53
t-1,3-Dichloropropene
Concen: 169.929 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 288893

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.6	38.4

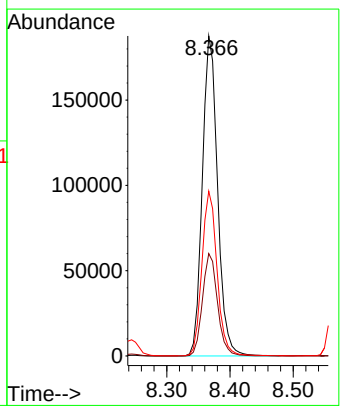


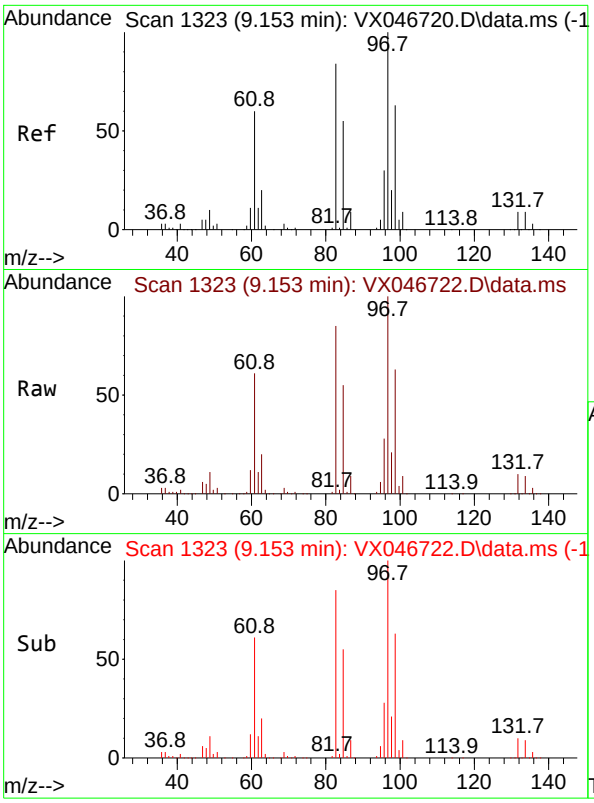


#54
cis-1,3-Dichloropropene
Concen: 163.198 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 75 Resp: 314965

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	51.4	39.2	58.8



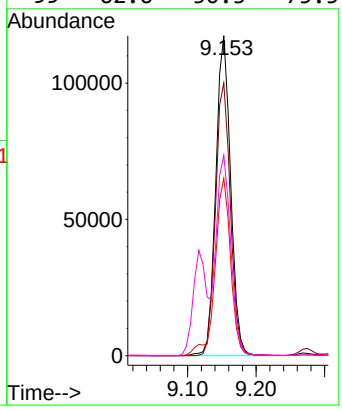


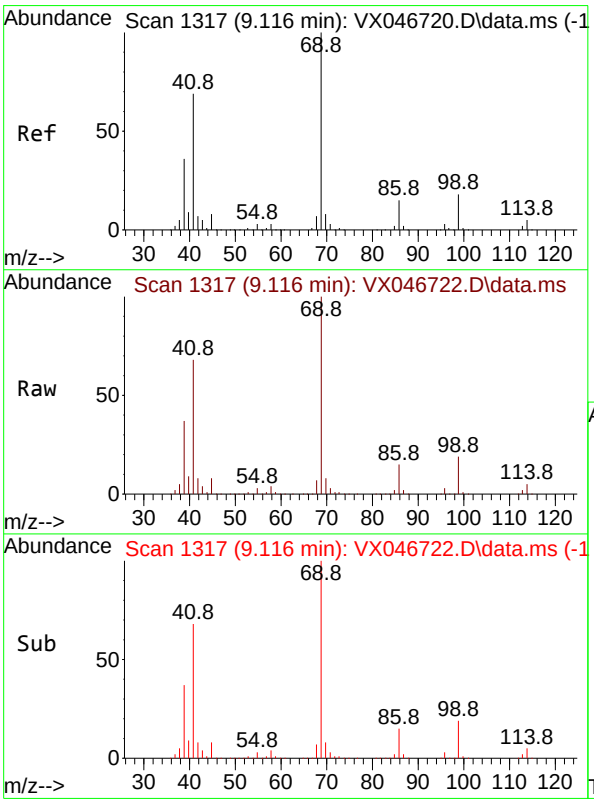
#55
1,1,2-Trichloroethane
Concen: 151.099 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 175973

Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.2	100.8
85	55.5	44.1	66.1
99	62.6	50.3	75.5

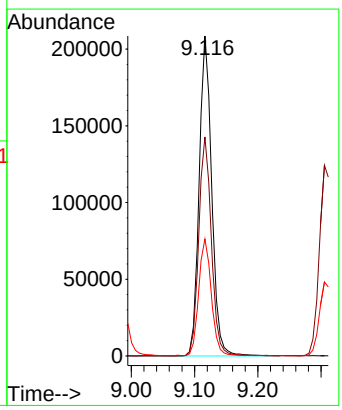


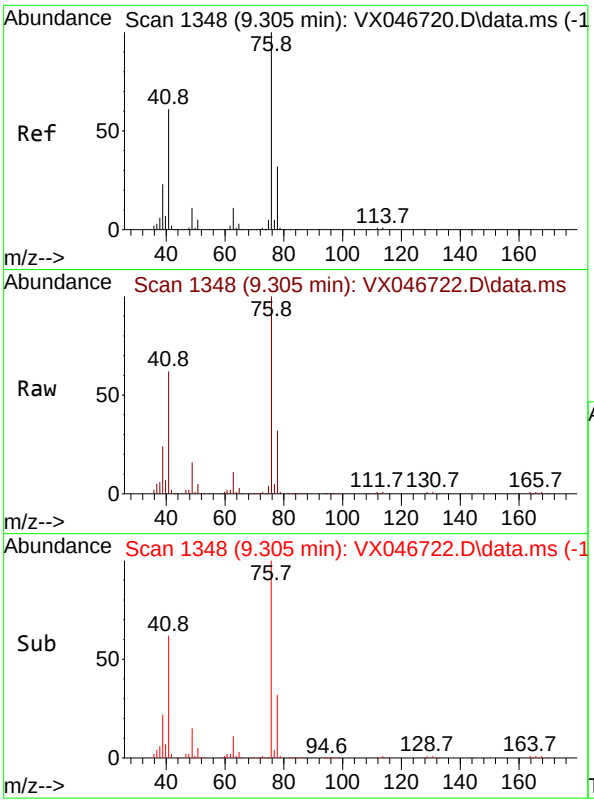


#56
Ethyl methacrylate
Concen: 167.940 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 69 Resp: 288720

Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.4	83.2
39	37.3	29.7	44.5



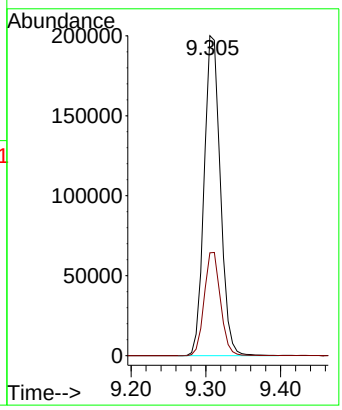


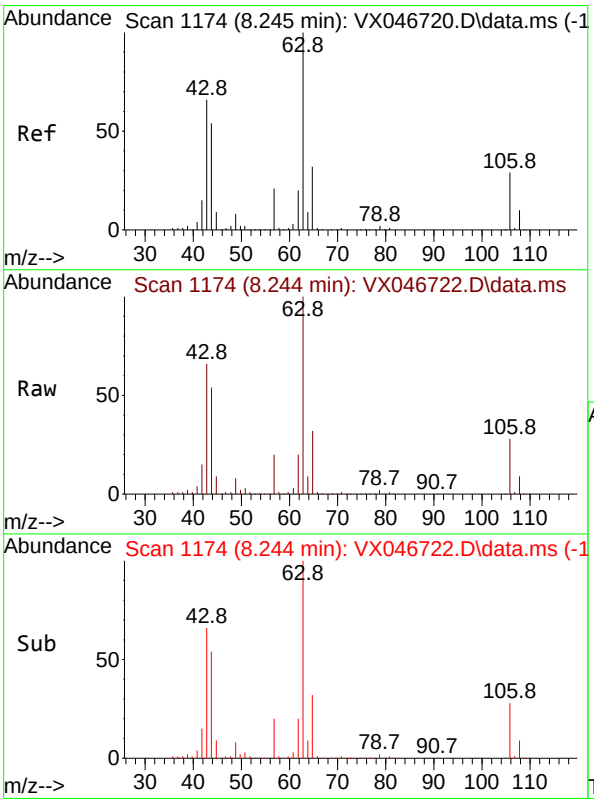
#57
1,3-Dichloropropane
Concen: 150.290 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 301418

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.7	38.5

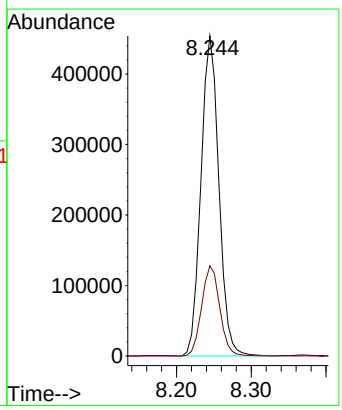


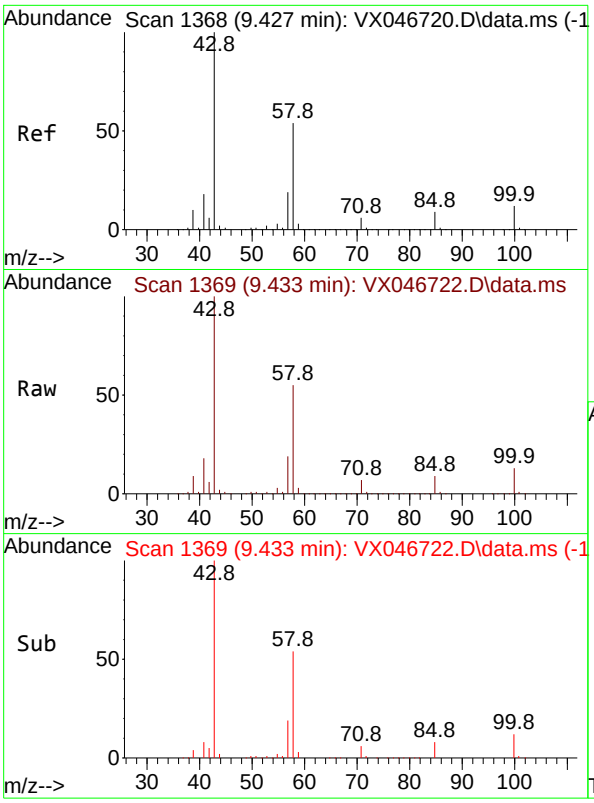


#58
2-Chloroethyl Vinyl ether
Concen: 845.118 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 63 Resp: 754730

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.6	34.0



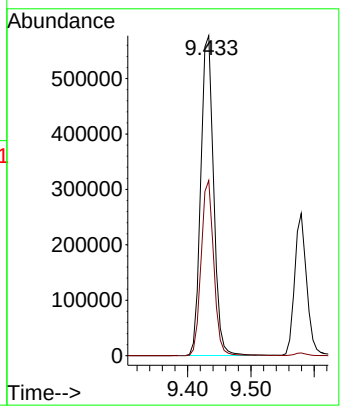


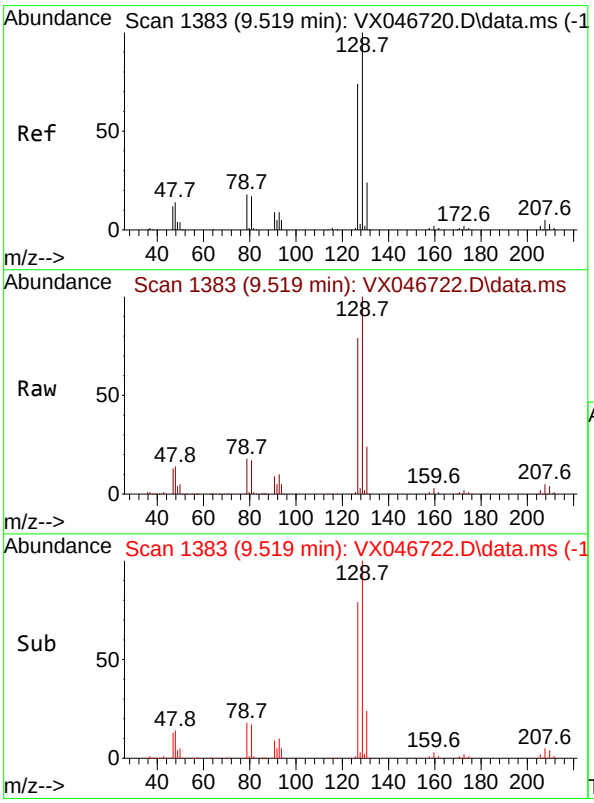
#59
2-Hexanone
Concen: 805.005 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 816655

Ion	Ratio	Lower	Upper
43	100		
58	54.1	26.8	80.4

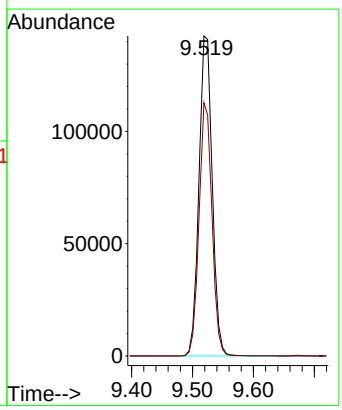


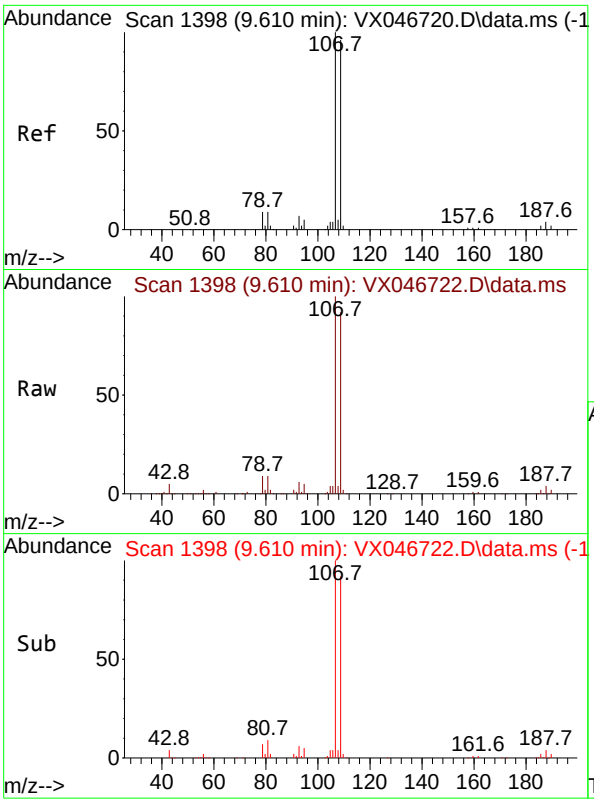


#60
Dibromochloromethane
Concen: 156.904 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:129 Resp: 215347

Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.4	115.2



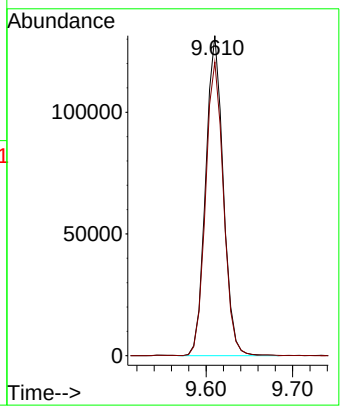


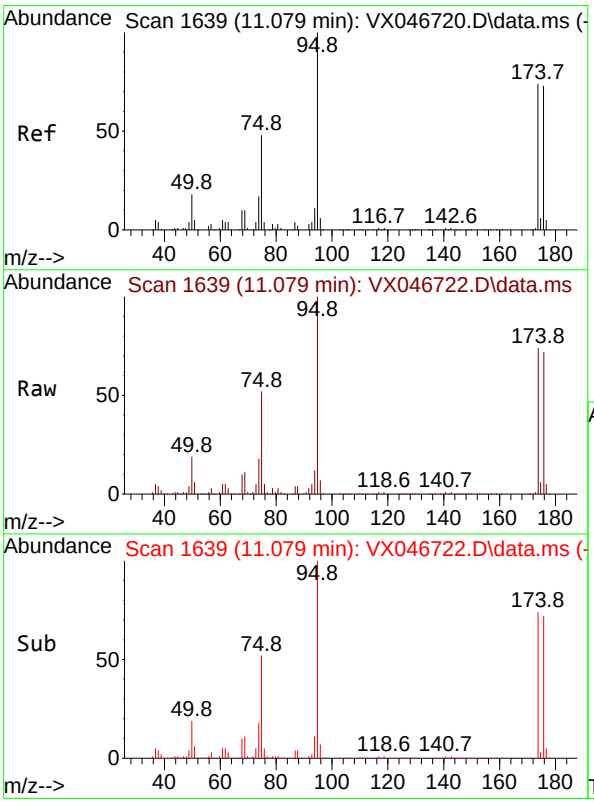
#61
1,2-Dibromoethane
Concen: 156.392 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 185268

Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.8	113.6

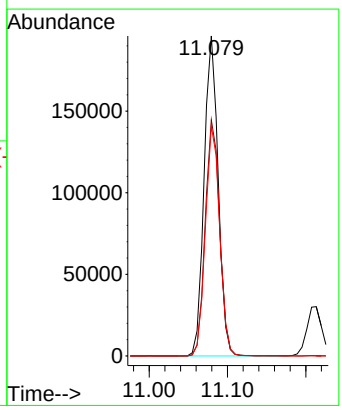


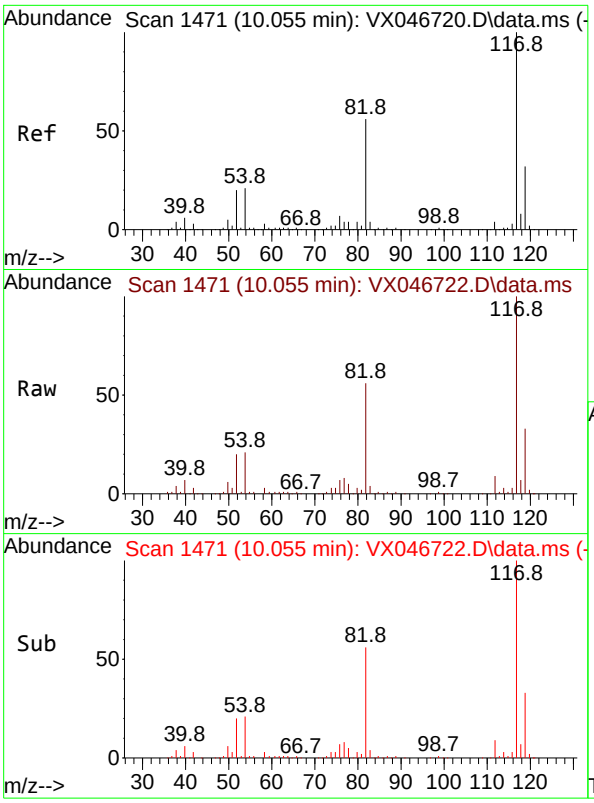


#62
4-Bromofluorobenzene
Concen: 154.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 95 Resp: 244007

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	150.4
176	72.7	0.0	145.0



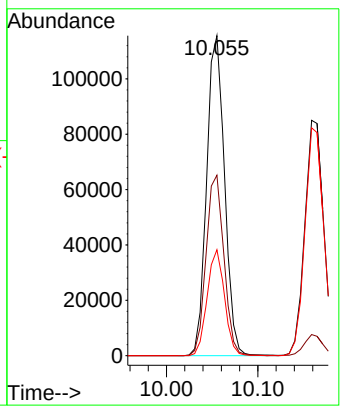


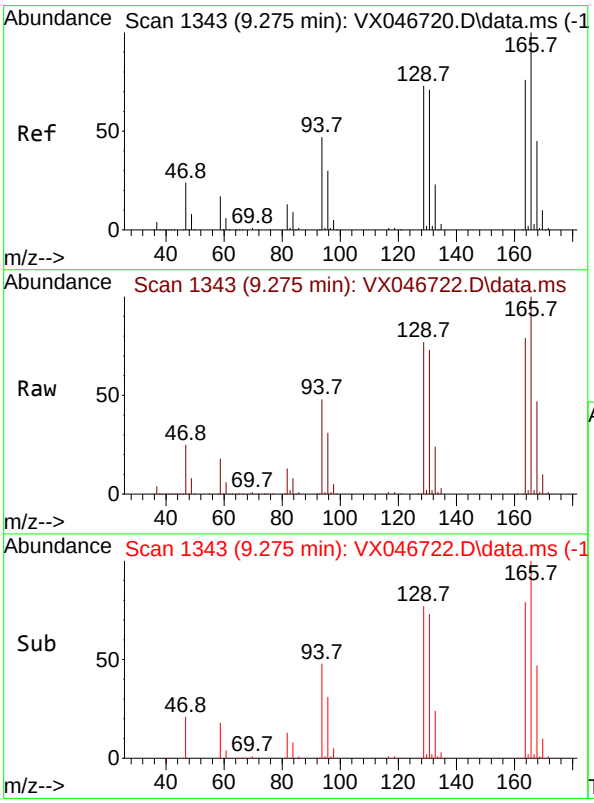
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 156970

Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.6	66.8
119	33.1	25.8	38.8

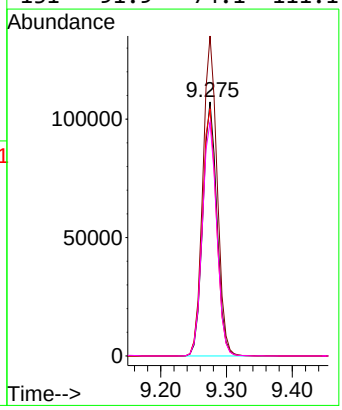


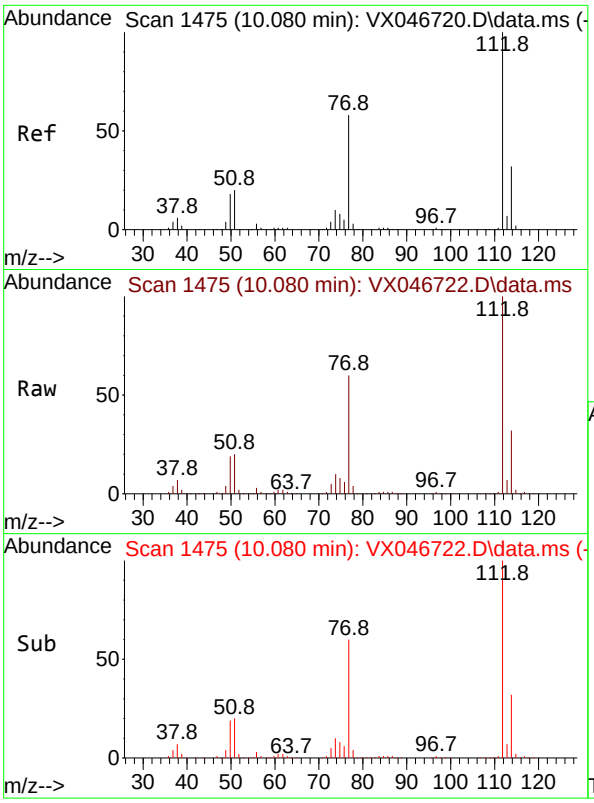


#64
Tetrachloroethene
Concen: 146.895 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:164 Resp: 159752

Ion	Ratio	Lower	Upper
164	100		
166	125.9	104.6	157.0
129	97.1	76.3	114.5
131	91.9	74.1	111.1



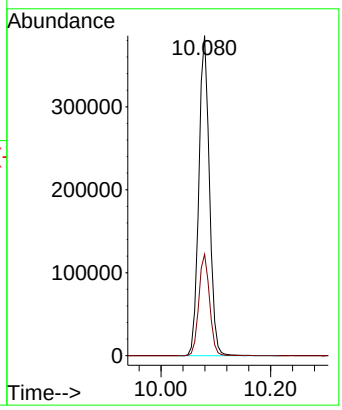


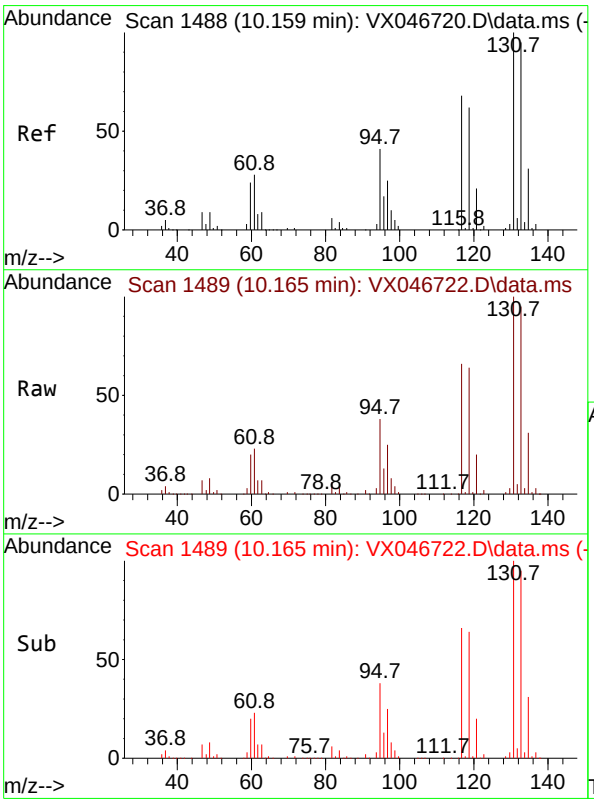
#65
Chlorobenzene
Concen: 149.453 ug/l
RT: 10.080 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 517859

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.5	38.3

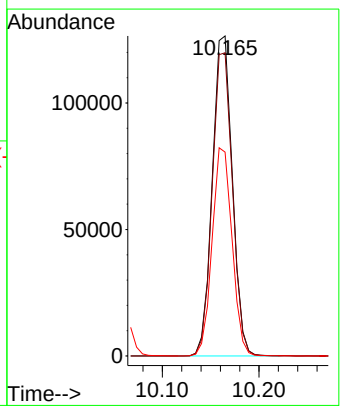


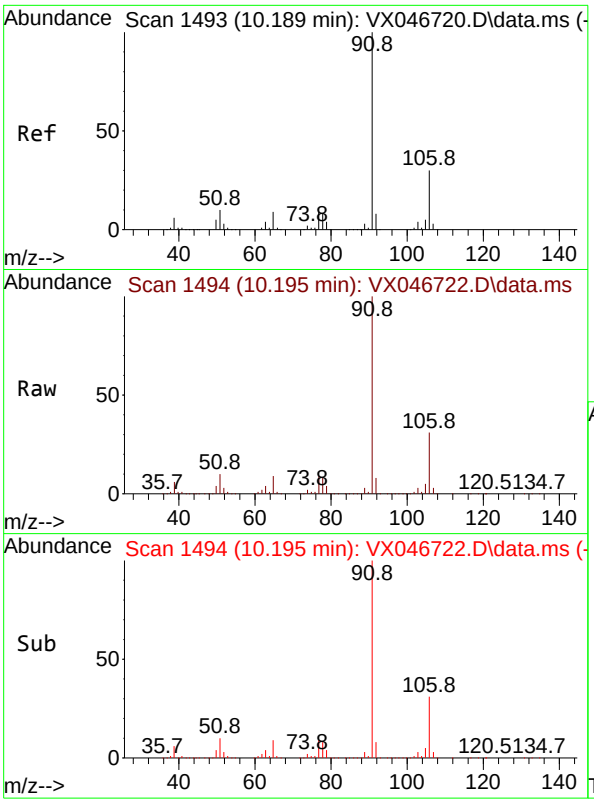


#66
1,1,1,2-Tetrachloroethane
Concen: 156.268 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:131 Resp: 181981

Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.3	141.8
119	64.7	32.1	96.3



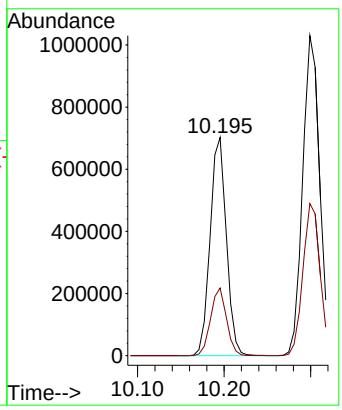


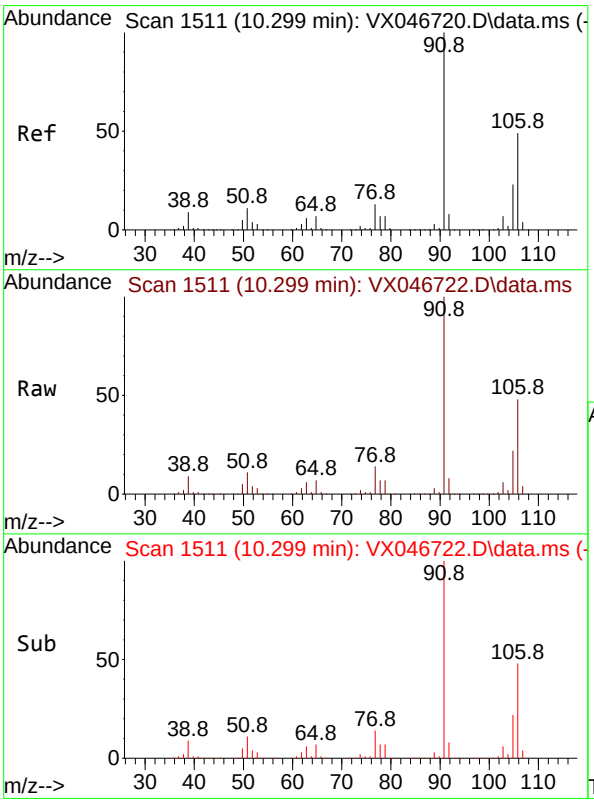
#67
Ethyl Benzene
Concen: 151.251 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 915724

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.2	36.2

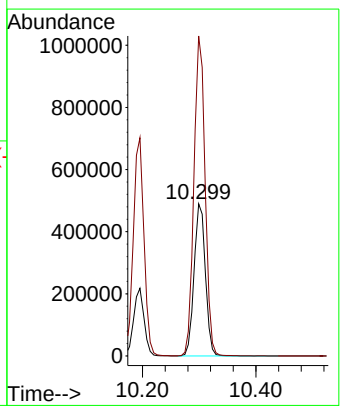


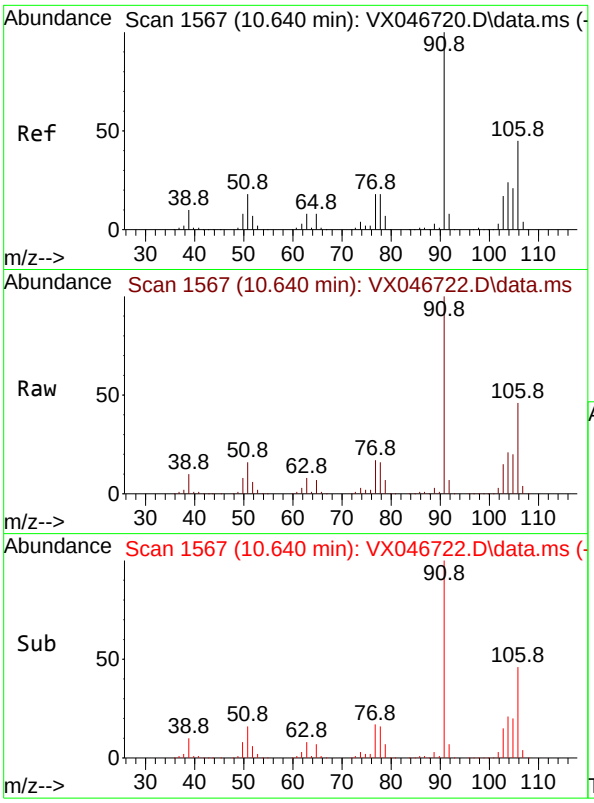


#68
m/p-Xylenes
Concen: 299.697 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:106 Resp: 676085

Ion	Ratio	Lower	Upper
106	100		
91	208.3	164.8	247.2



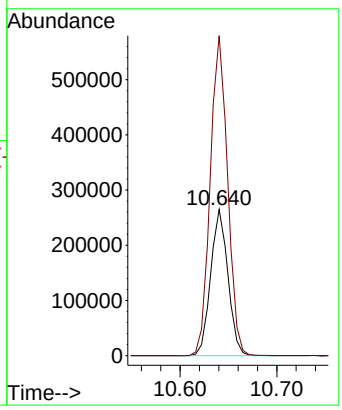


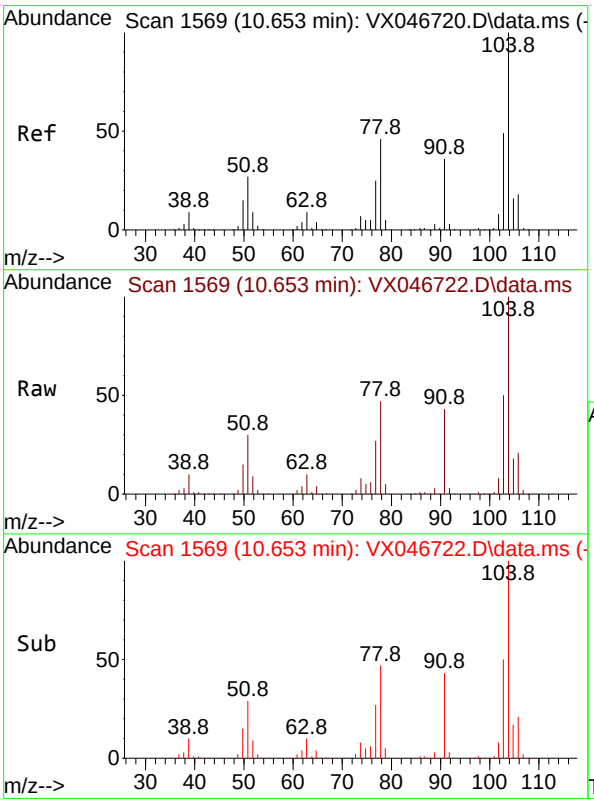
#69
o-Xylene
Concen: 155.514 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 328782

Ion	Ratio	Lower	Upper
106	100		
91	220.1	111.3	333.9

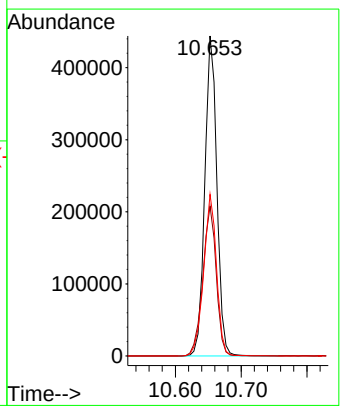


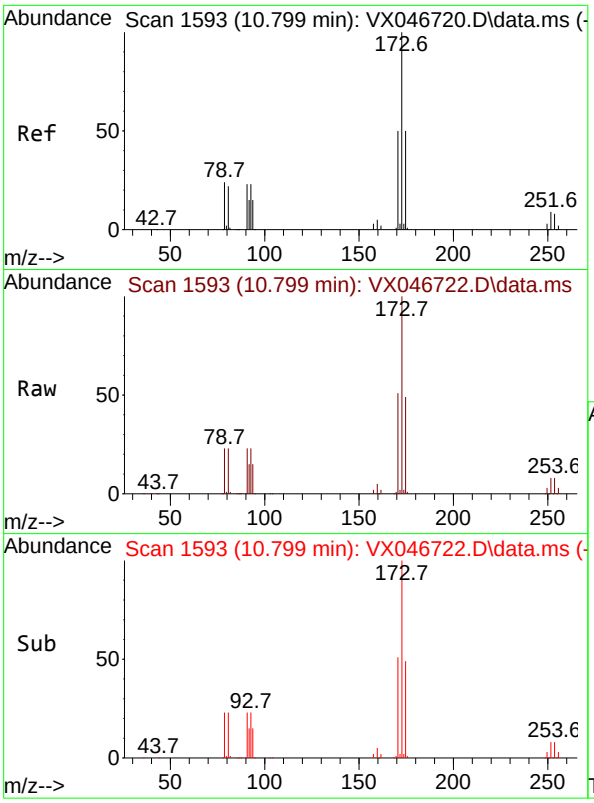


#70
Styrene
Concen: 153.143 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:104 Resp: 566606

Ion	Ratio	Lower	Upper
104	100		
78	52.2	41.4	62.2
103	54.1	43.1	64.7



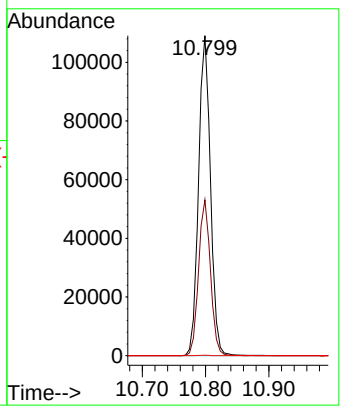


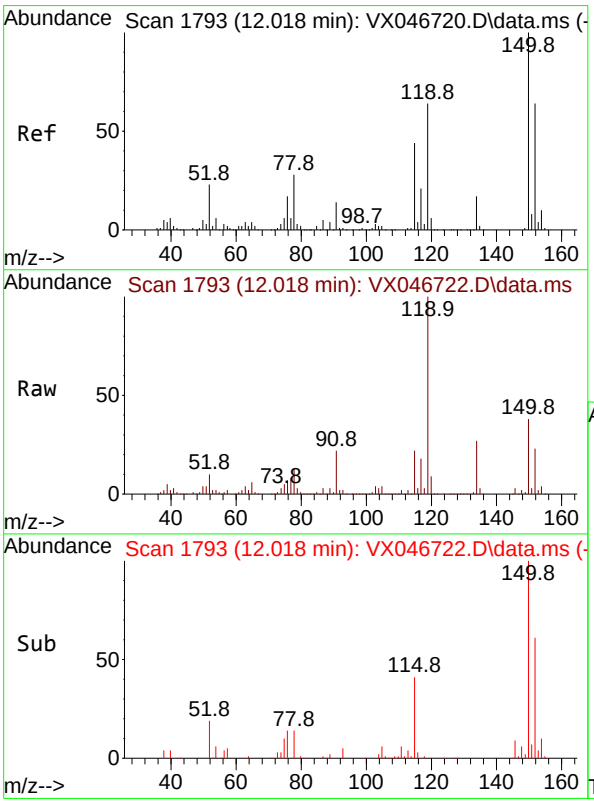
#71
Bromoform
Concen: 161.498 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 143229

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.4
254	0.1	0.1	0.1

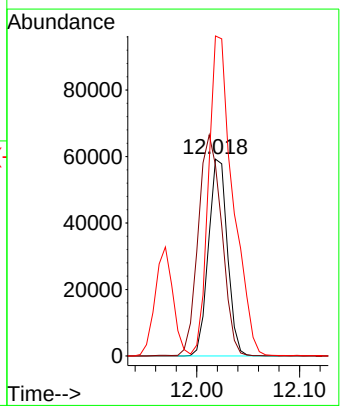


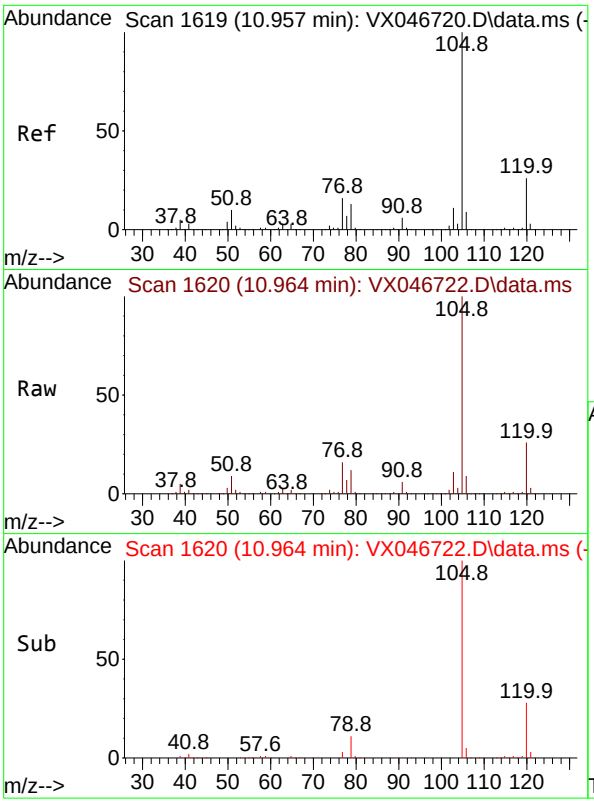


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:152 Resp: 75829

Ion	Ratio	Lower	Upper
152	100		
115	139.0	43.2	129.6#
150	208.8	0.0	346.8



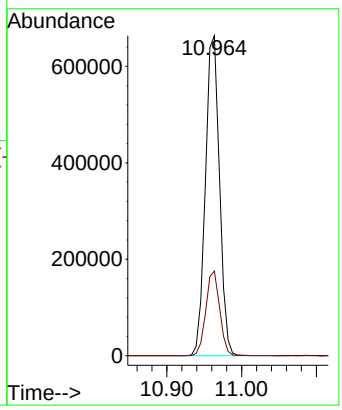


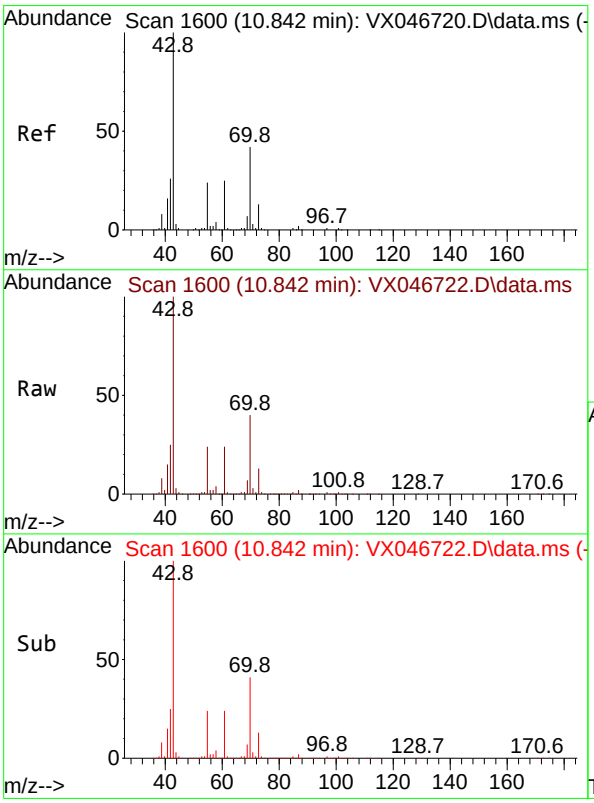
#73
Isopropylbenzene
Concen: 155.374 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 867728

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	39.0

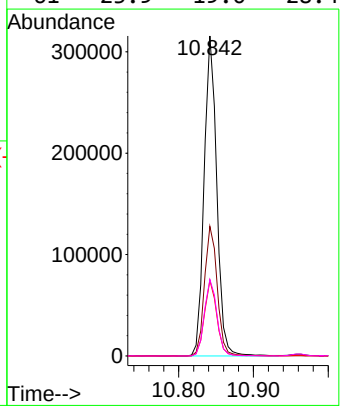


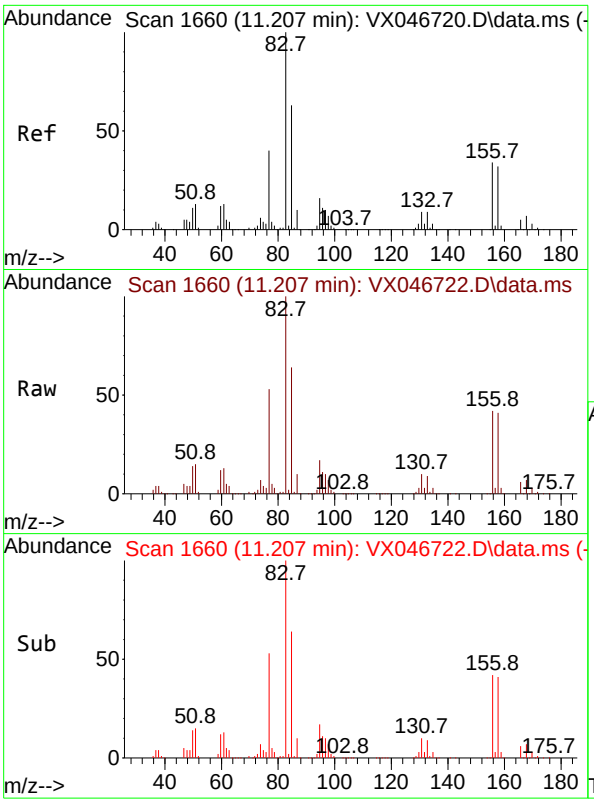


#74
N-amyl acetate
Concen: 174.748 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 43 Resp: 369757

Ion	Ratio	Lower	Upper
43	100		
70	41.3	33.4	50.0
55	23.3	19.1	28.7
61	23.9	19.0	28.4



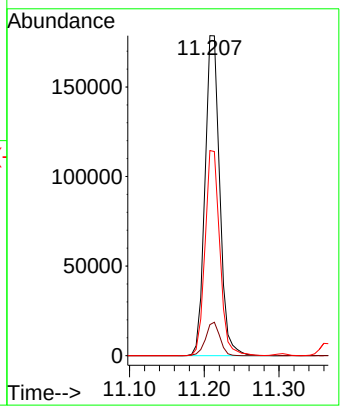


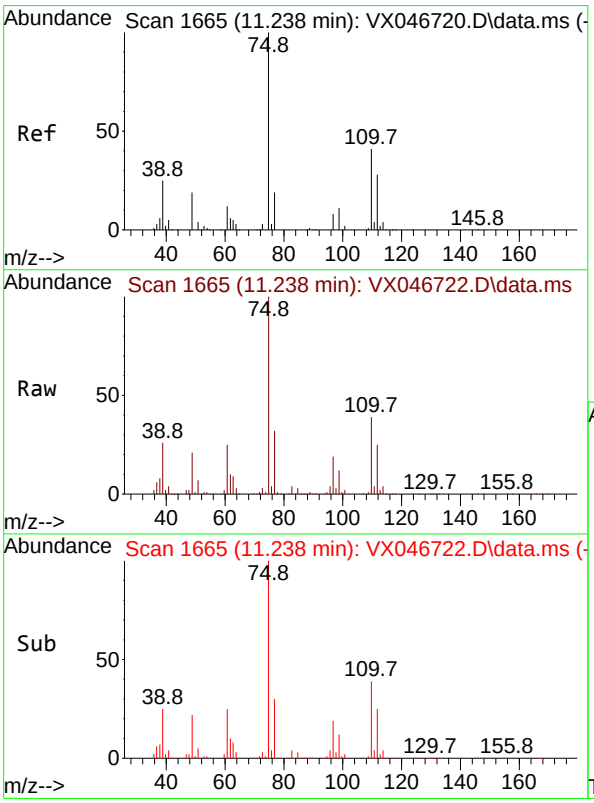
#75
1,1,2,2-Tetrachloroethane
Concen: 156.730 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 244406

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.6
85	64.4	32.0	96.0

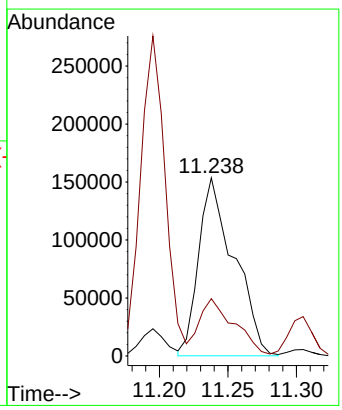


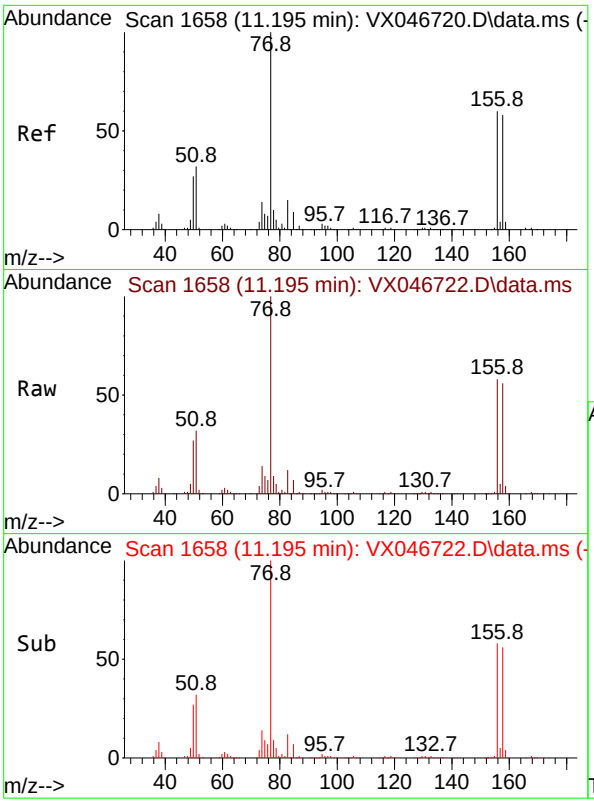


#76
1,2,3-Trichloropropane
Concen: 179.850 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 75 Resp: 277006

Ion	Ratio	Lower	Upper
75	100		
77	31.9	18.5	55.5



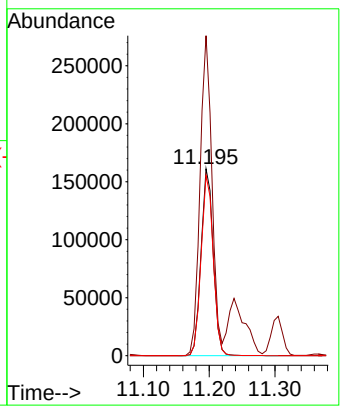


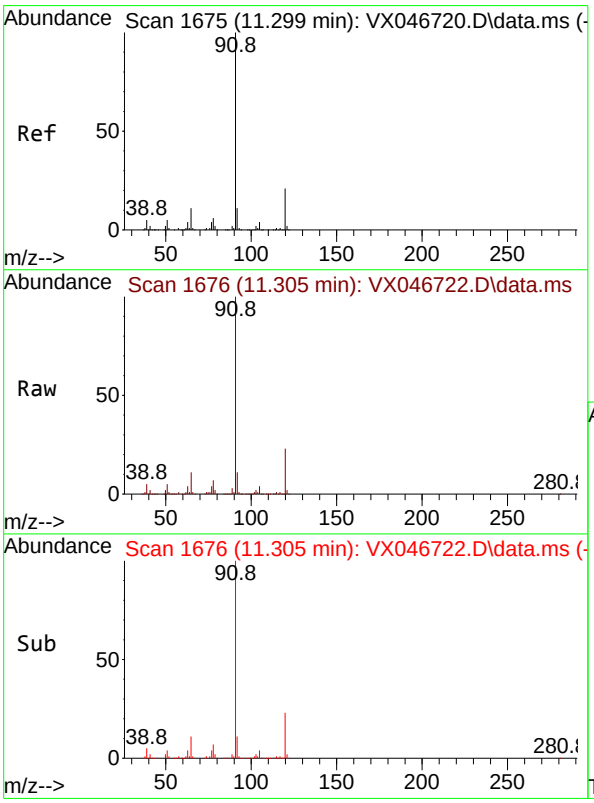
#77
Bromobenzene
Concen: 154.285 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 207348

Ion	Ratio	Lower	Upper
156	100		
77	167.9	82.8	248.6
158	96.7	47.6	142.9

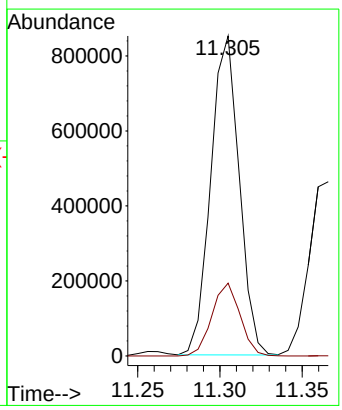


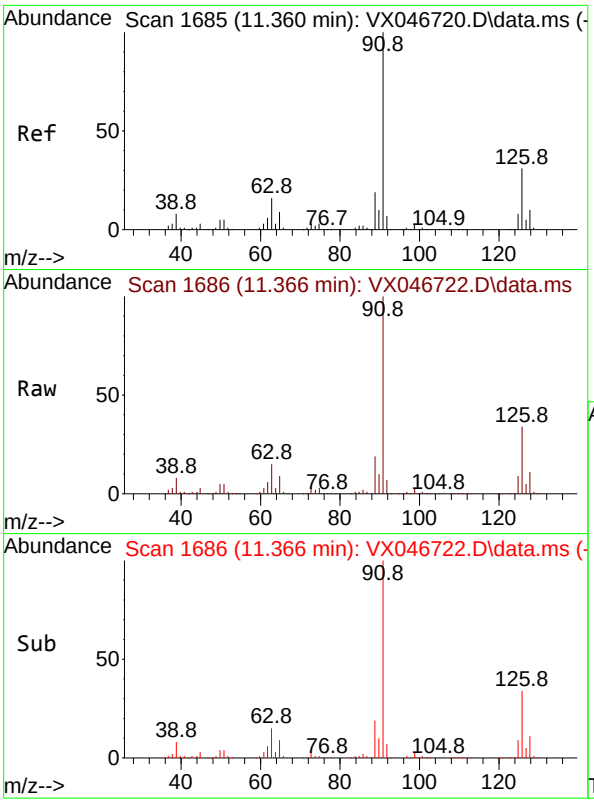


#78
n-propylbenzene
Concen: 154.633 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 91 Resp: 1025742

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1



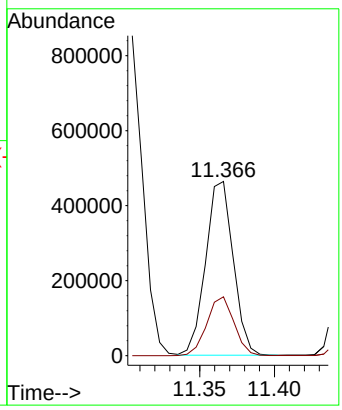


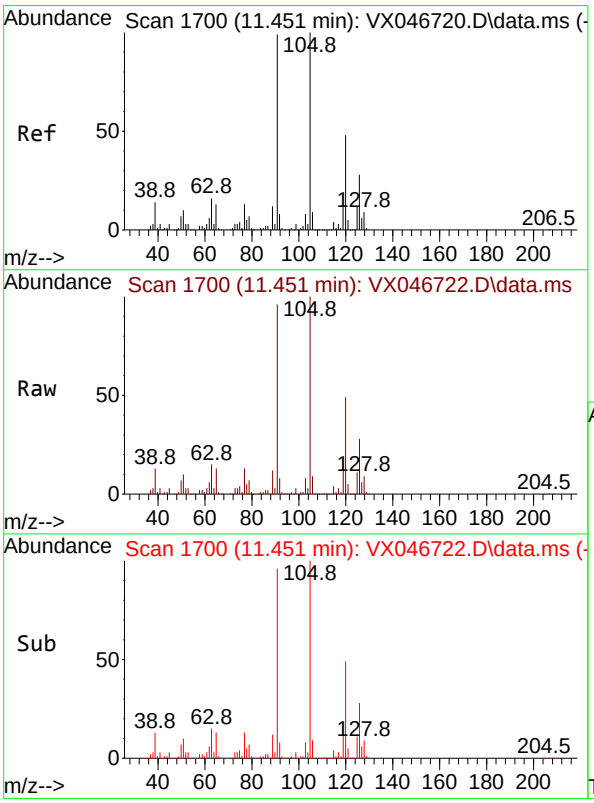
#79
2-Chlorotoluene
Concen: 150.373 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 595555

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.6	49.7

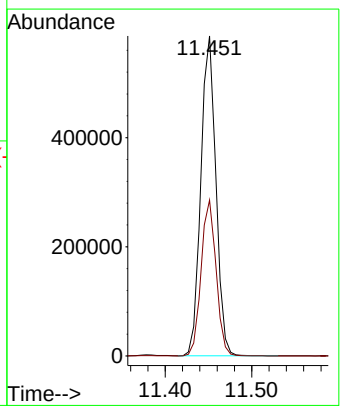


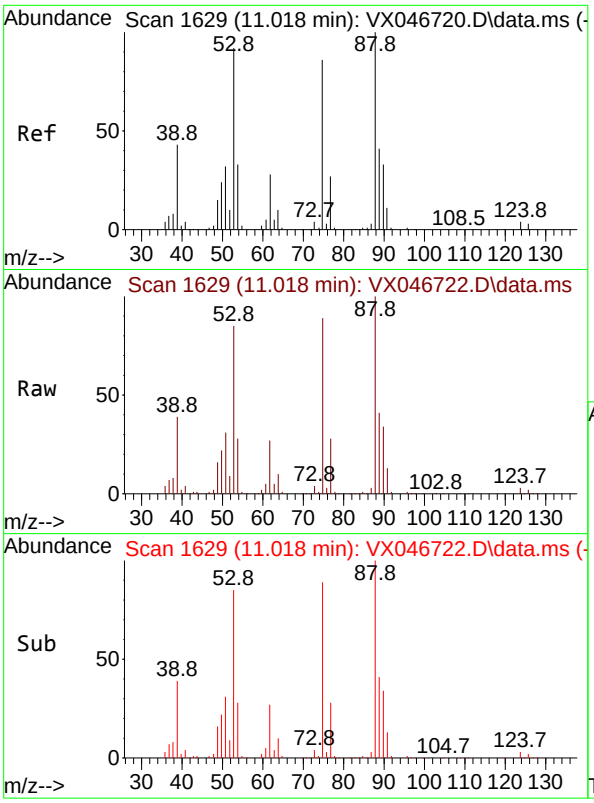


#80
1,3,5-Trimethylbenzene
Concen: 154.053 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:105 Resp: 707005

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.1	72.2



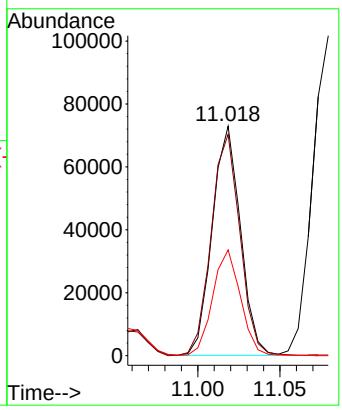


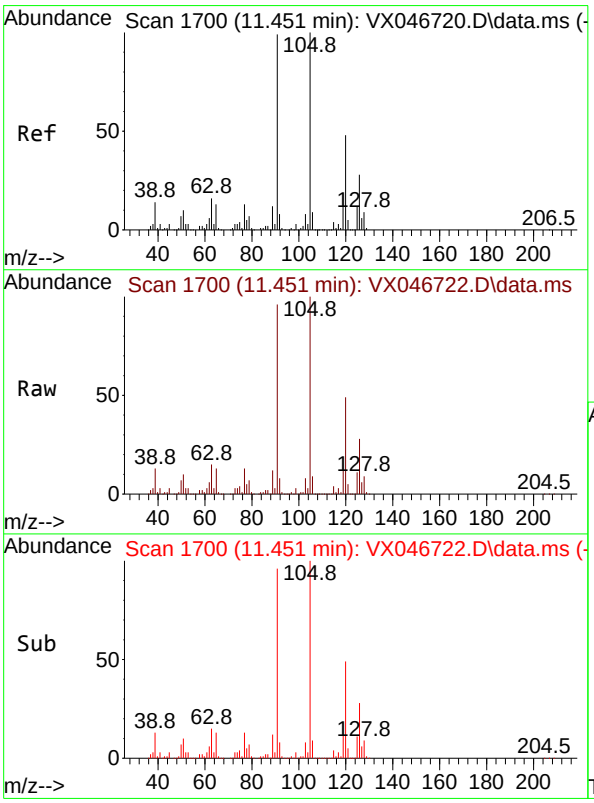
#81
trans-1,4-Dichloro-2-butene
Concen: 176.408 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 86677

Ion	Ratio	Lower	Upper
75	100		
53	98.9	86.8	130.2
89	45.8	36.9	55.3

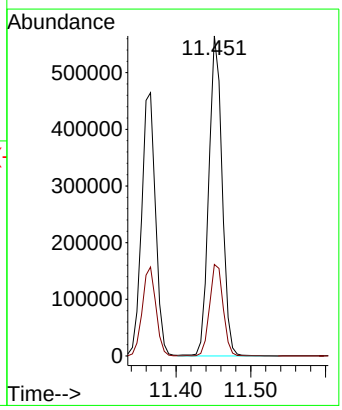


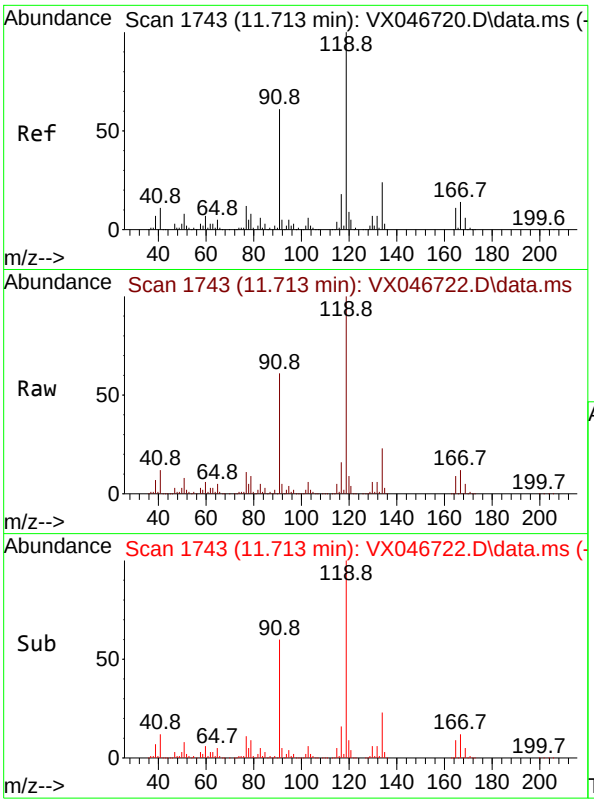


#82
4-Chlorotoluene
Concen: 150.915 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 91 Resp: 697556

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.4	43.2



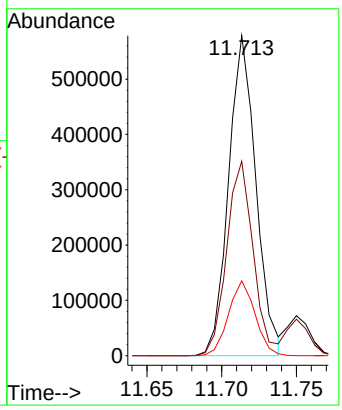


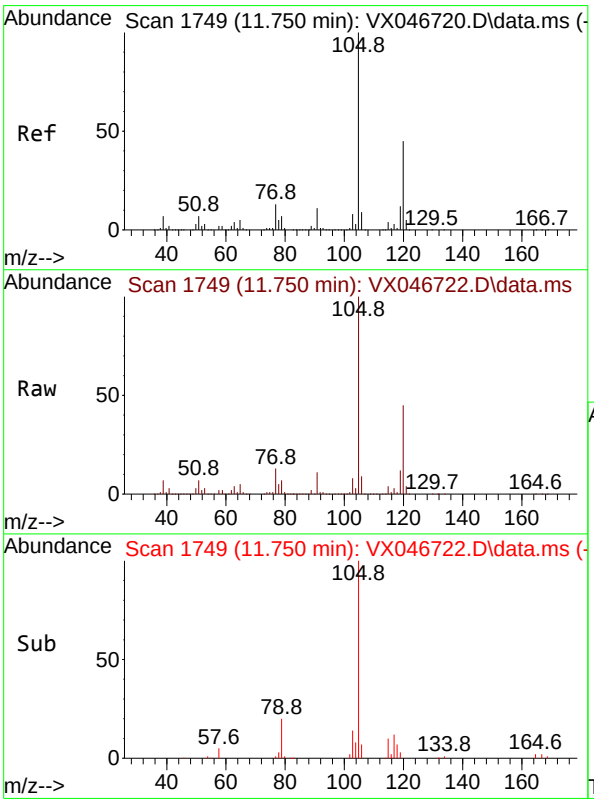
#83
tert-Butylbenzene
Concen: 155.093 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 735750

Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.5	88.6
134	22.8	11.7	35.0

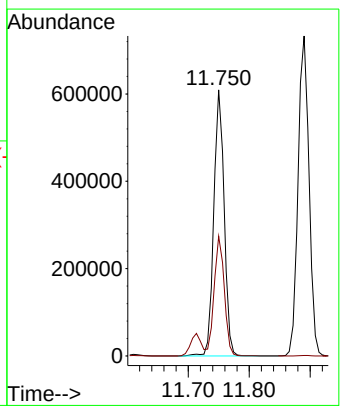


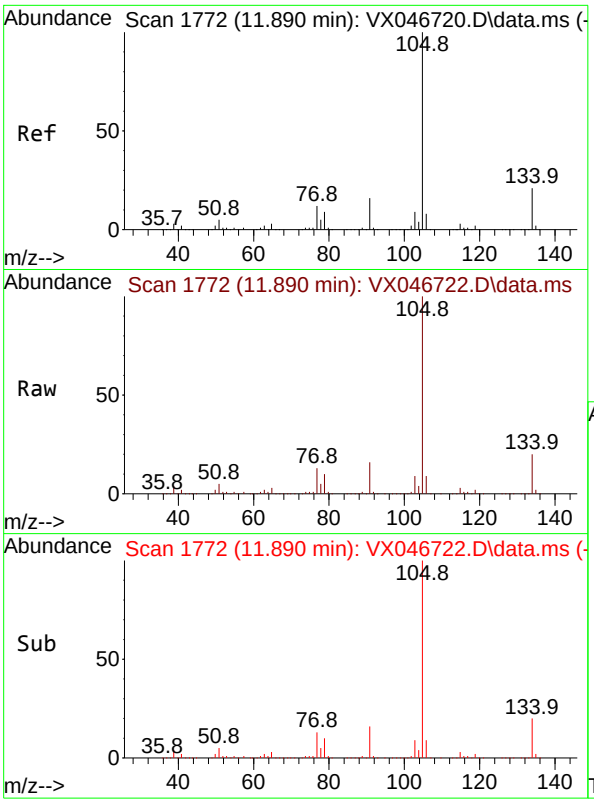


#84
1,2,4-Trimethylbenzene
Concen: 155.994 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:105 Resp: 719283

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.3



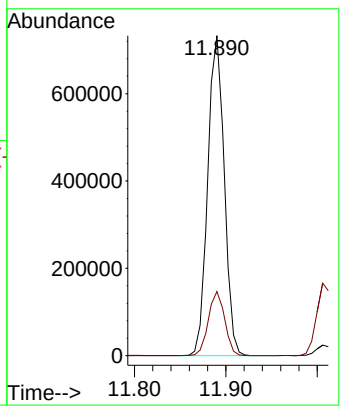


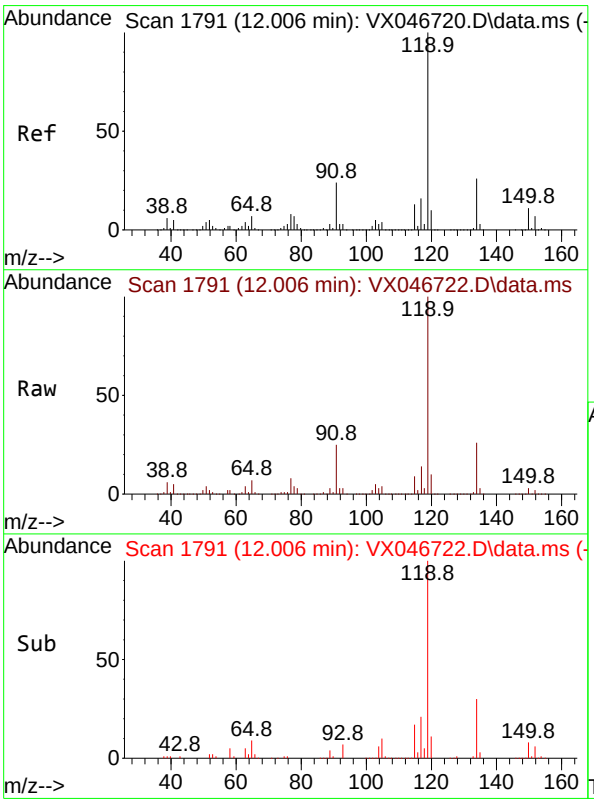
#85
sec-Butylbenzene
Concen: 152.910 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 916769

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.4

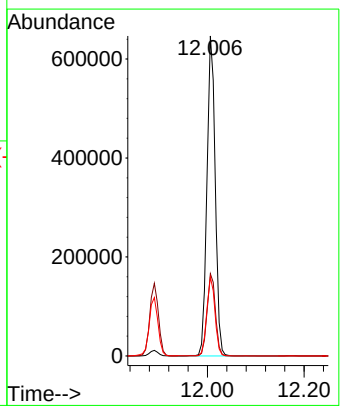


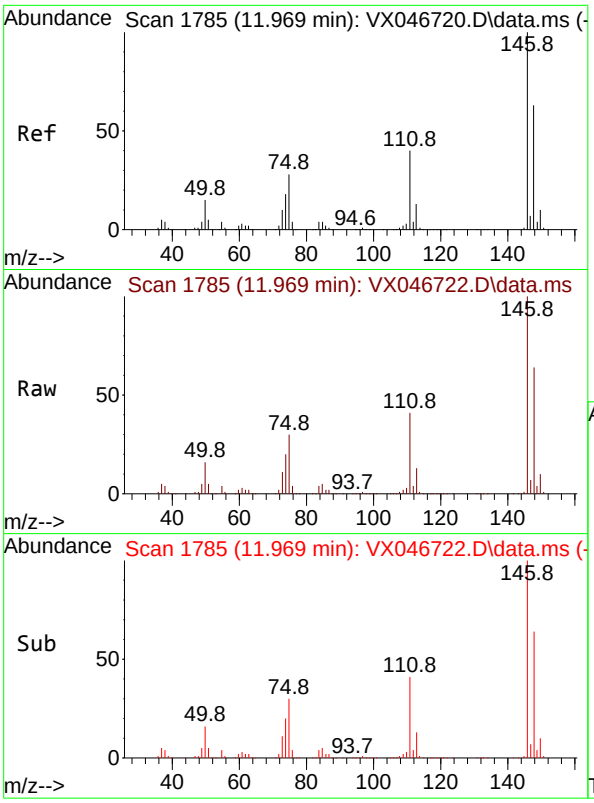


#86
p-Isopropyltoluene
Concen: 152.610 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:119 Resp: 771998

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	24.4	12.3	36.9



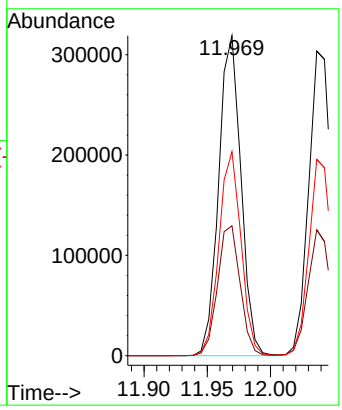


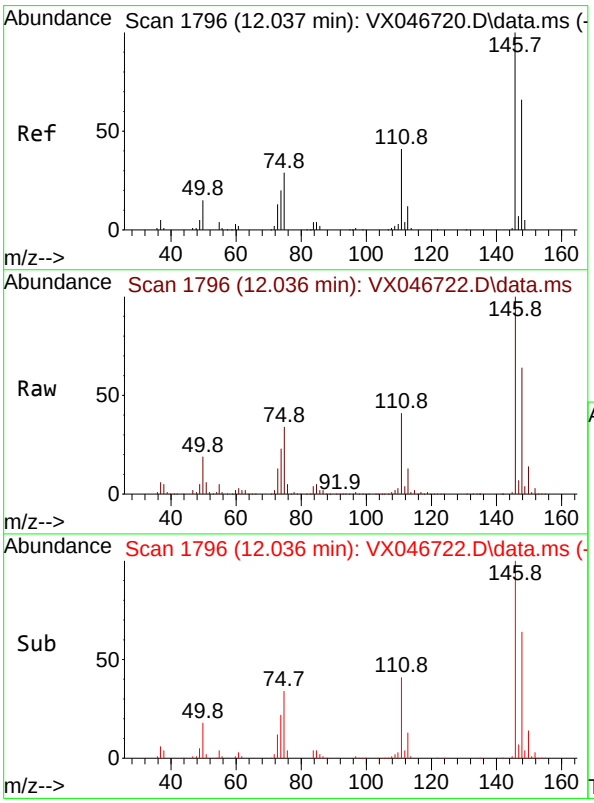
#87
1,3-Dichlorobenzene
Concen: 149.232 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 391049

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	63.2	31.6	94.8

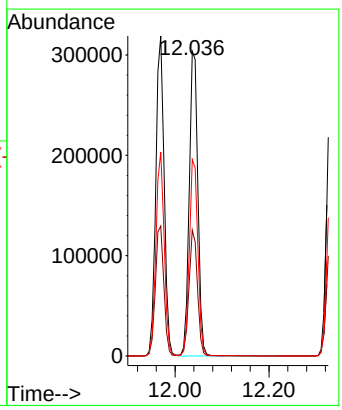


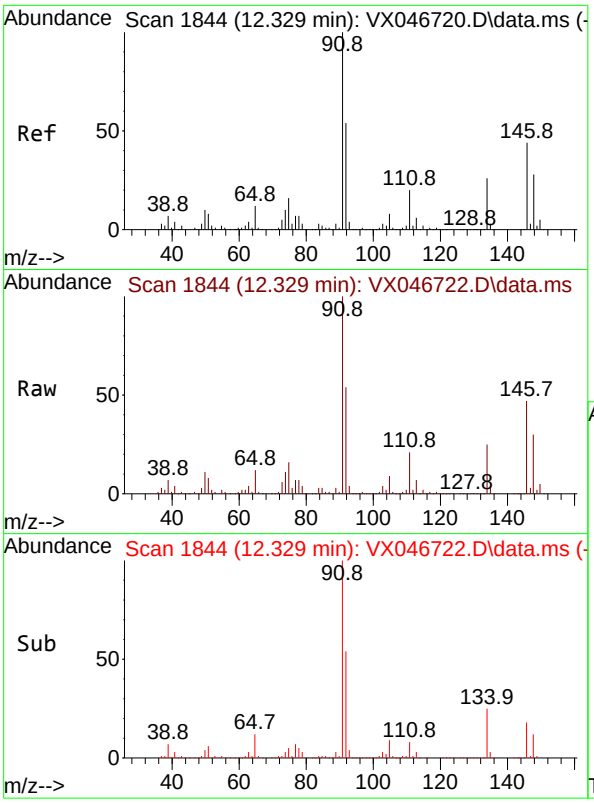


#88
1,4-Dichlorobenzene
Concen: 143.836 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:146 Resp: 387139

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	61.0
148	63.5	32.1	96.5



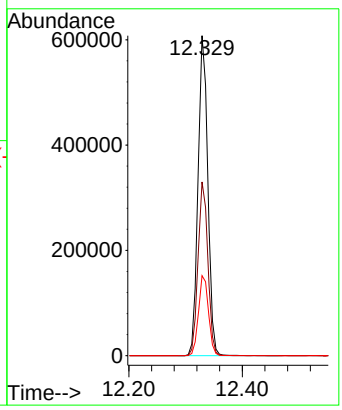


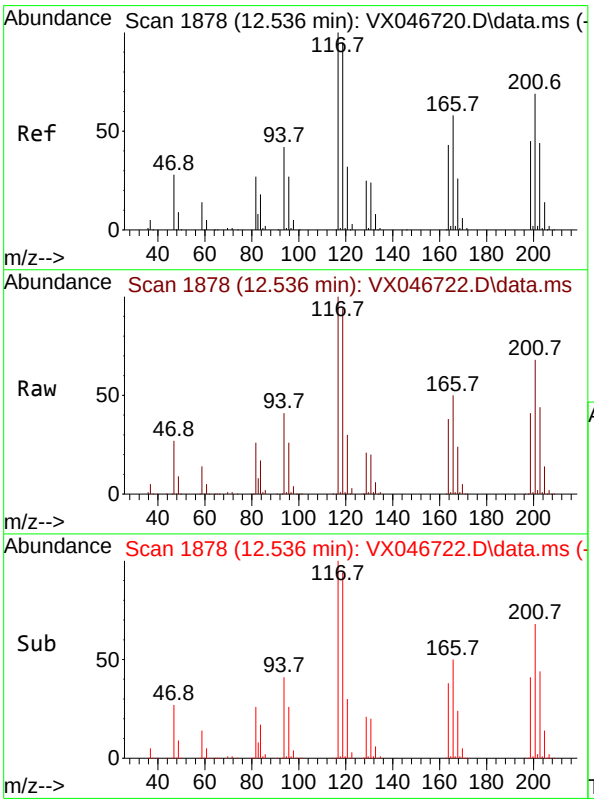
#89
n-Butylbenzene
Concen: 151.271 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 726563

Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.1	81.3
134	25.6	12.9	38.6

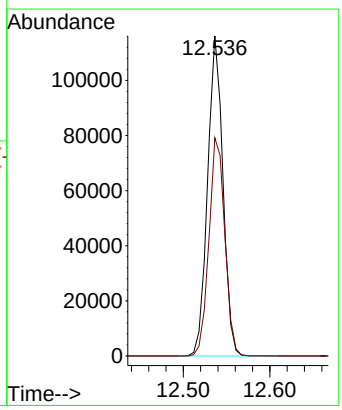


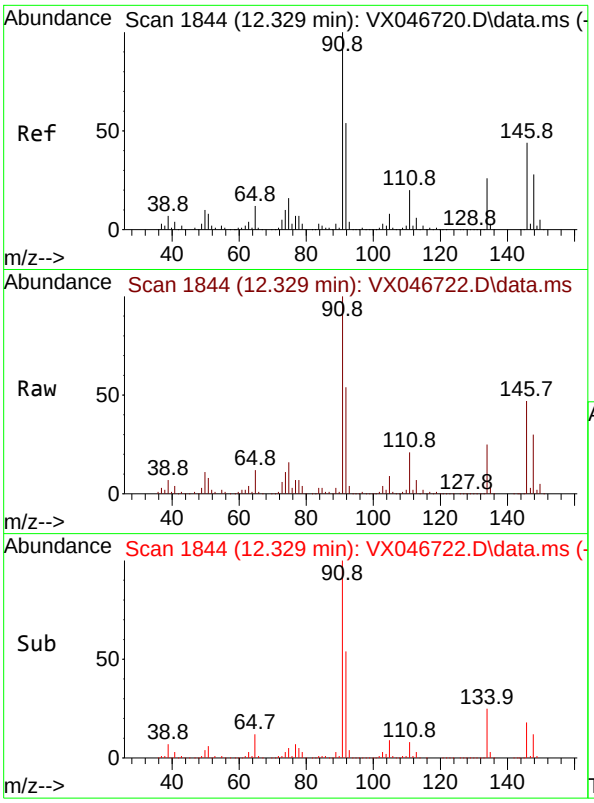


#90
Hexachloroethane
Concen: 161.049 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:117 Resp: 142663

Ion	Ratio	Lower	Upper
117	100		
201	70.7	34.4	103.3



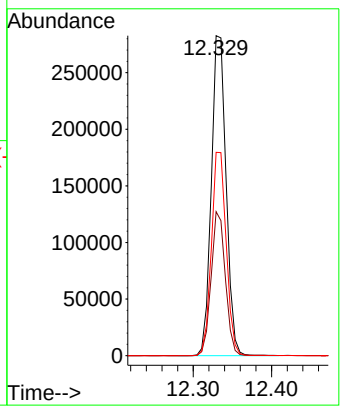


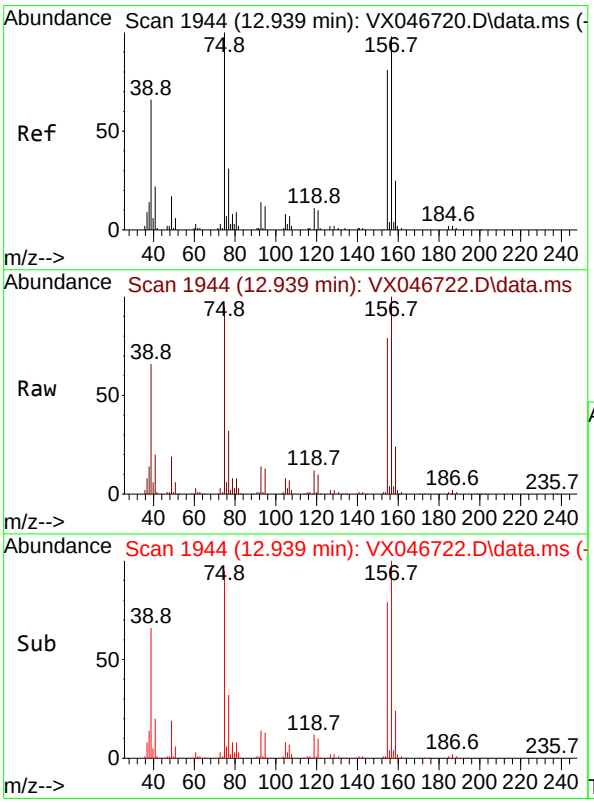
#91
1,2-Dichlorobenzene
Concen: 151.192 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 370234

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.7	65.1
148	63.8	32.0	96.2

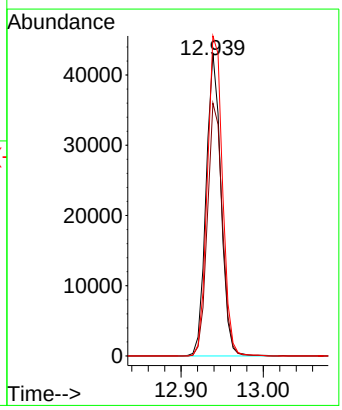


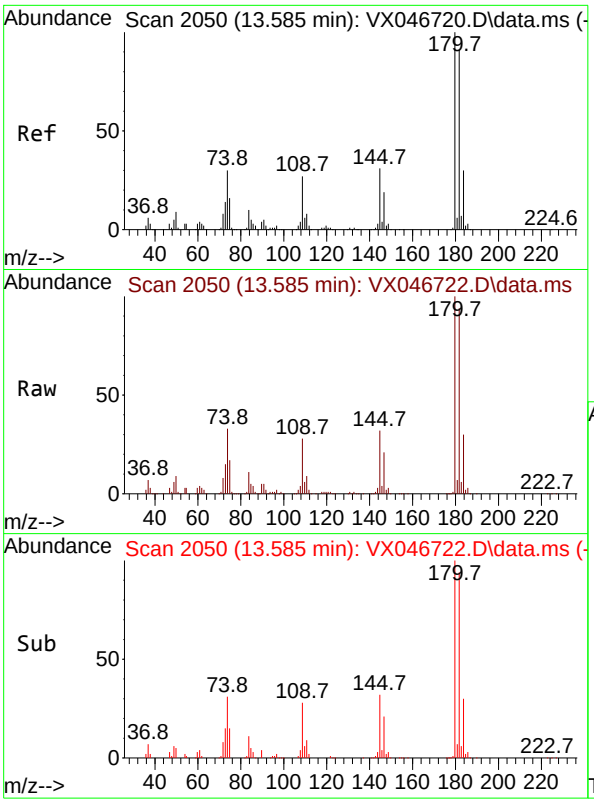


#92
1,2-Dibromo-3-Chloropropane
Concen: 175.448 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion: 75 Resp: 54014

Ion	Ratio	Lower	Upper
75	100		
155	84.2	41.9	125.7
157	108.5	51.4	154.3



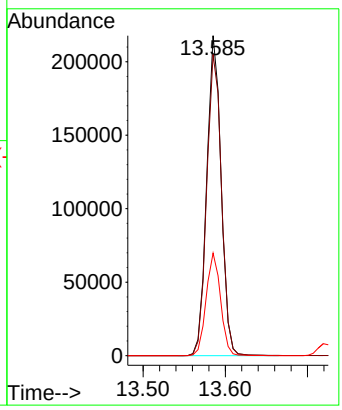


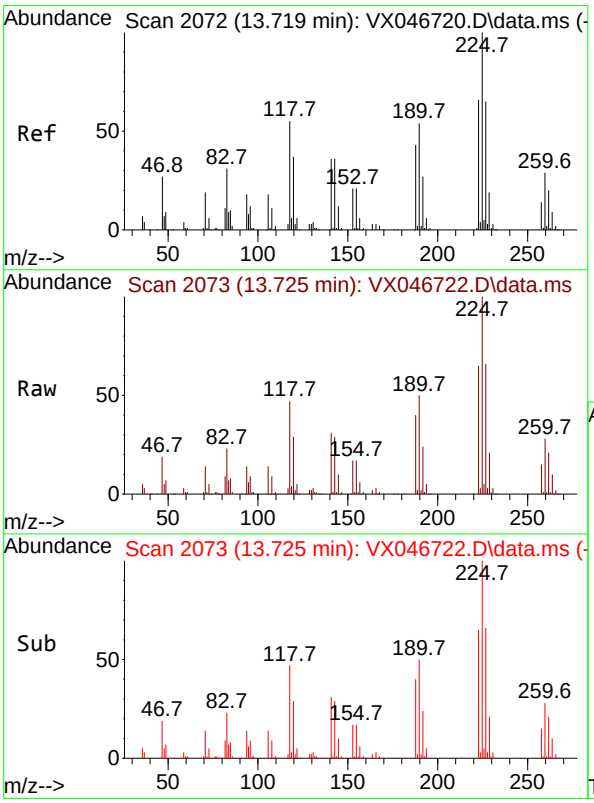
#93
1,2,4-Trichlorobenzene
Concen: 151.531 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 263803

Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.7	140.1
145	32.2	15.8	47.4

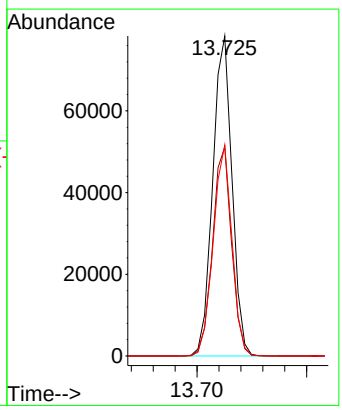


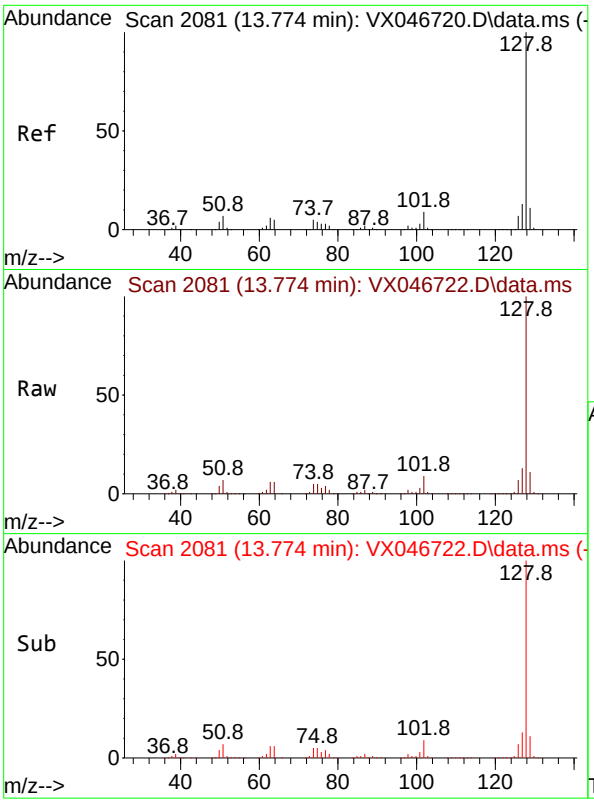


#94
Hexachlorobutadiene
Concen: 130.431 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:225 Resp: 95520

Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.5	97.5
227	64.2	32.2	96.6



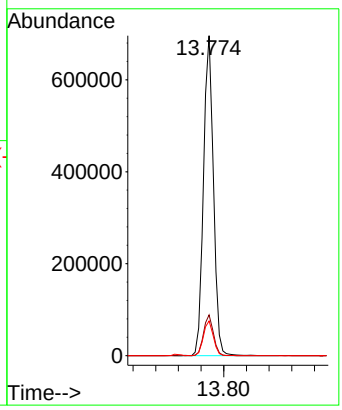


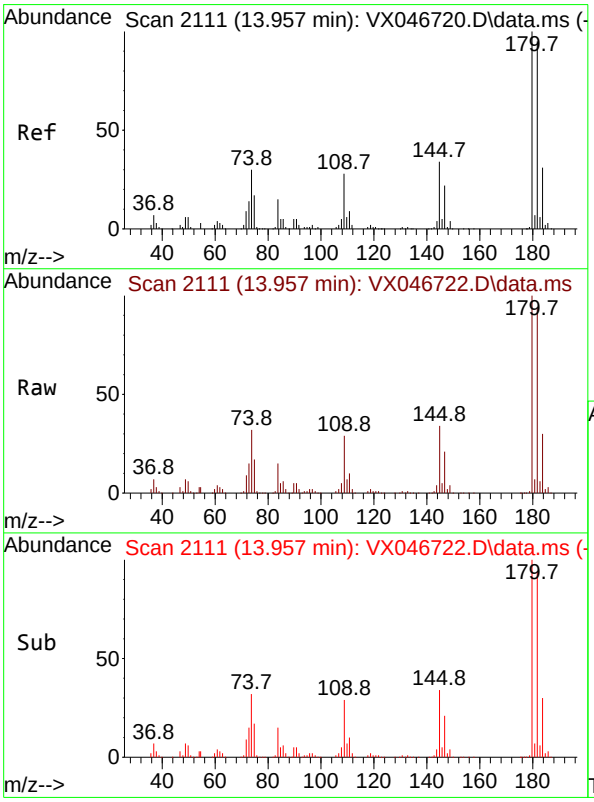
#95
Naphthalene
Concen: 170.609 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 846206

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.9	8.7	13.1

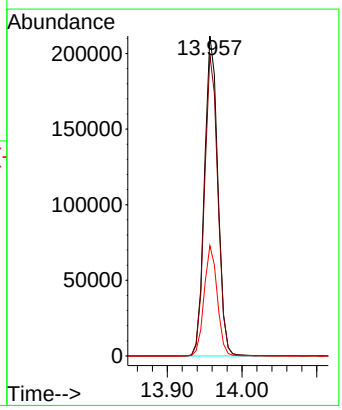




#96
1,2,3-Trichlorobenzene
Concen: 157.517 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046722.D
Acq: 17 Jun 2025 15:02

Tgt Ion:180 Resp: 262348

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.8	143.4
145	33.8	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	136219	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	226094	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	205370	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103593	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.964	65	1977	1.049	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	2.100%#			
35) Dibromofluoromethane	5.403	113	1491	0.997	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	2.000%#			
50) Toluene-d8	8.653	98	5563	1.035	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	2.080%#			
62) 4-Bromofluorobenzene	11.085	95	2763	1.379	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	2.760%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	1159	0.797	ug/l		83
3) Chloromethane	1.307	50	1322	0.842	ug/l		93
4) Vinyl Chloride	1.386	62	1419	0.848	ug/l		89
5) Bromomethane	1.636	94	1325	1.407	ug/l		95
6) Chloroethane	1.703	64	905	0.892	ug/l		90
7) Trichlorofluoromethane	1.904	101	2062	0.811	ug/l		97
8) Diethyl Ether	2.148	74	722	0.828	ug/l		87
9) 1,1,2-Trichlorotrifluo...	2.343	101	1280	0.821	ug/l		99
10) Methyl Iodide	2.465	142	1790	5.171	ug/l		91
11) Tert butyl alcohol	2.953	59	606	3.583	ug/l	#	72
12) 1,1-Dichloroethene	2.337	96	1228	0.816	ug/l	#	76
13) Acrolein	2.252	56	1219	4.949	ug/l		99
14) Allyl chloride	2.672	41	2386	0.875	ug/l		96
15) Acrylonitrile	3.081	53	3075	4.044	ug/l		96
16) Acetone	2.386	43	3424	5.449	ug/l	#	80
17) Carbon Disulfide	2.526	76	5092	1.121	ug/l		96
18) Methyl Acetate	2.721	43	1280	0.802	ug/l	#	87
19) Methyl tert-butyl Ether	3.129	73	3888	0.830	ug/l	#	89
20) Methylene Chloride	2.800	84	1736	0.994	ug/l		91
21) trans-1,2-Dichloroethene	3.111	96	1441	0.895	ug/l	#	81
22) Diisopropyl ether	3.770	45	4170	0.796	ug/l	#	71
23) Vinyl Acetate	3.745	43	15507	3.722	ug/l		95
24) 1,1-Dichloroethane	3.617	63	2648	0.890	ug/l	#	79
25) 2-Butanone	4.593	43	3422	3.851	ug/l		93
26) 2,2-Dichloropropane	4.477	77	891	0.411	ug/l		94
27) cis-1,2-Dichloroethene	4.507	96	1698	0.898	ug/l		97
28) Bromochloromethane	4.922	49	1307	0.969	ug/l	#	91
29) Tetrahydrofuran	5.032	42	2212	3.854	ug/l	#	54
30) Chloroform	5.123	83	700	0.235	ug/l		86
31) Cyclohexane	5.477	56	2208	0.783	ug/l		86
32) 1,1,1-Trichloroethane	5.391	97	2212	0.848	ug/l	#	50
36) 1,1-Dichloropropene	5.708	75	2016	0.934	ug/l		90
37) Ethyl Acetate	4.739	43	806	0.404	ug/l	#	71
38) Carbon Tetrachloride	5.684	117	2124	0.906	ug/l		92
39) Methylcyclohexane	7.379	83	2485	0.875	ug/l		87
40) Benzene	6.044	78	5507	0.862	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	311	0.293	ug/l	#	51
42) 1,2-Dichloroethane	6.098	62	1938	0.863	ug/l	#	75
43) Isopropyl Acetate	6.367	43	2218	0.711	ug/l	#	83
44) Trichloroethene	7.135	130	1448	0.889	ug/l		87
45) 1,2-Dichloropropane	7.434	63	1380	0.871	ug/l	#	89
46) Dibromomethane	7.592	93	1030	0.905	ug/l		89
47) Bromodichloromethane	7.824	83	1825	0.786	ug/l	#	82
48) Methyl methacrylate	7.720	41	1050	0.671	ug/l	#	80
49) 1,4-Dioxane	7.671	88	56	28.694	ug/l	#	77
51) 4-Methyl-2-Pentanone	8.580	43	7273	3.910	ug/l		97
52) Toluene	8.726	92	3393	0.856	ug/l		96
53) t-1,3-Dichloropropene	8.994	75	1607	0.746	ug/l	#	87
54) cis-1,3-Dichloropropene	8.372	75	1971	0.806	ug/l	#	57
55) 1,1,2-Trichloroethane	9.153	97	1297	0.878	ug/l	#	83
56) Ethyl methacrylate	9.122	69	1477	0.678	ug/l		93
57) 1,3-Dichloropropane	9.311	76	2249	0.885	ug/l		95
58) 2-Chloroethyl Vinyl ether	8.251	63	3778	3.337	ug/l		92
59) 2-Hexanone	9.439	43	4833	3.758	ug/l		94
60) Dibromochloromethane	9.525	129	1436	0.825	ug/l		99
61) 1,2-Dibromoethane	9.610	107	1209	0.805	ug/l		90
64) Tetrachloroethene	9.275	164	1399	0.983	ug/l		95
65) Chlorobenzene	10.073	112	4127	0.910	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	1242	0.815	ug/l	#	64
67) Ethyl Benzene	10.195	91	6967	0.880	ug/l		98
68) m/p-Xylenes	10.305	106	5214	1.767	ug/l		98
69) o-Xylene	10.646	106	2045	0.739	ug/l		80
70) Styrene	10.659	104	4077	0.842	ug/l		98
71) Bromoform	10.799	173	927	0.799	ug/l	#	96
73) Isopropylbenzene	10.963	105	6314	0.828	ug/l		97
74) N-amyl acetate	10.848	43	1921	0.665	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	1690	0.793	ug/l		93
76) 1,2,3-Trichloropropane	11.238	75	1746	0.830	ug/l		77
77) Bromobenzene	11.201	156	1541	0.839	ug/l		95
78) n-propylbenzene	11.305	91	7545	0.833	ug/l		98
79) 2-Chlorotoluene	11.366	91	4896	0.905	ug/l		93
80) 1,3,5-Trimethylbenzene	11.451	105	5174	0.825	ug/l		94
81) trans-1,4-Dichloro-2-b...	11.031	75	391	0.582	ug/l	#	81
82) 4-Chlorotoluene	11.457	91	5664	0.897	ug/l		99
83) tert-Butylbenzene	11.713	119	5507	0.850	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	5087	0.808	ug/l		99
85) sec-Butylbenzene	11.890	105	6839	0.835	ug/l		98
86) p-Isopropyltoluene	12.006	119	6018	0.871	ug/l		92
87) 1,3-Dichlorobenzene	11.969	146	3509	0.980	ug/l		96
88) 1,4-Dichlorobenzene	11.969	146	3509	0.954	ug/l		96
89) n-Butylbenzene	12.335	91	6186	0.943	ug/l		96
90) Hexachloroethane	12.536	117	1081	0.893	ug/l		90
91) 1,2-Dichlorobenzene	12.335	146	3024	0.904	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.951	75	277	0.659	ug/l		95
93) 1,2,4-Trichlorobenzene	13.591	180	2424	1.019	ug/l		99
94) Hexachlorobutadiene	13.725	225	1025	1.025	ug/l		97
95) Naphthalene	13.780	128	5461	0.806	ug/l		96
96) 1,2,3-Trichlorobenzene	13.963	180	1982	0.871	ug/l		96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

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

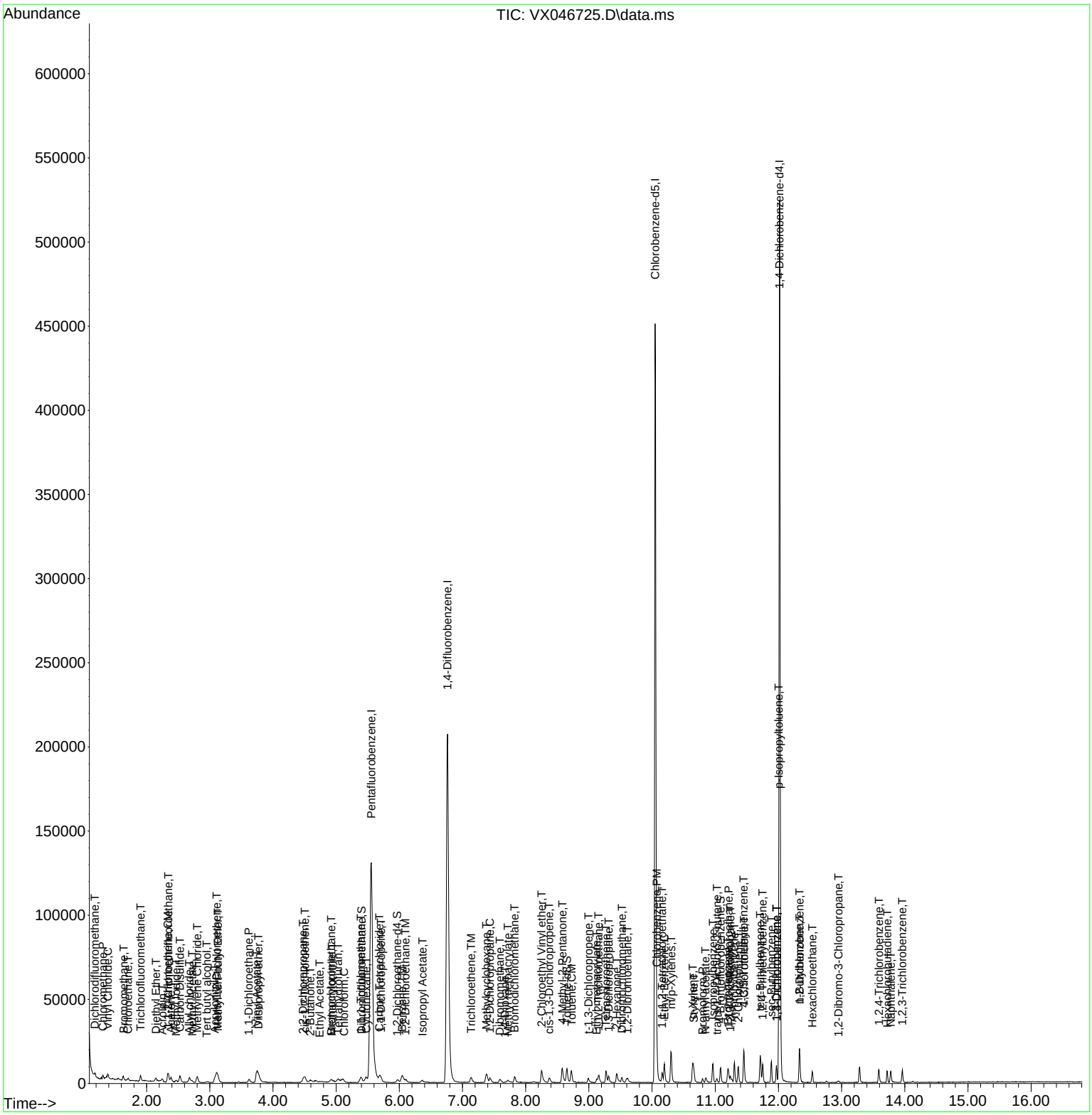
(#) = qualifier out of range (m) = manual integration (+) = signals summed

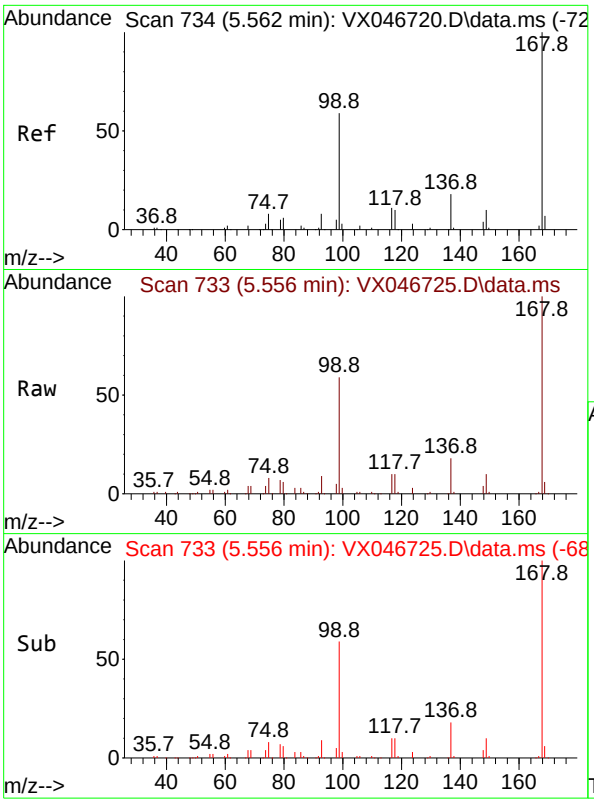
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration



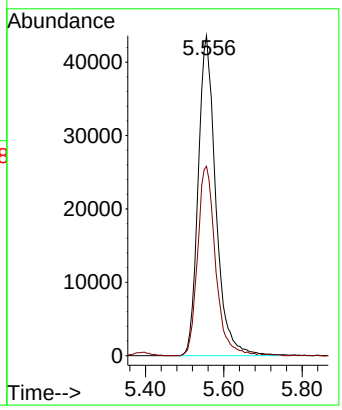


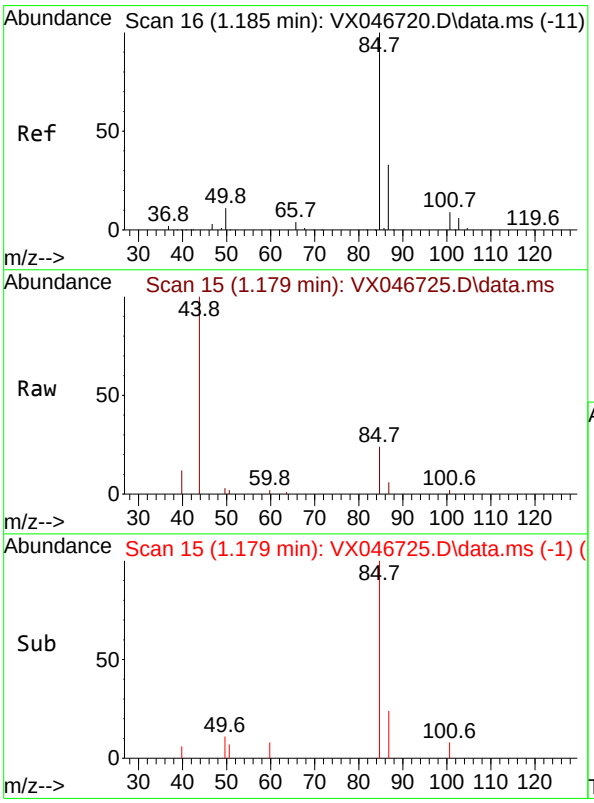
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:168 Resp: 136219

Ion	Ratio	Lower	Upper
168	100		
99	59.2	48.5	72.7

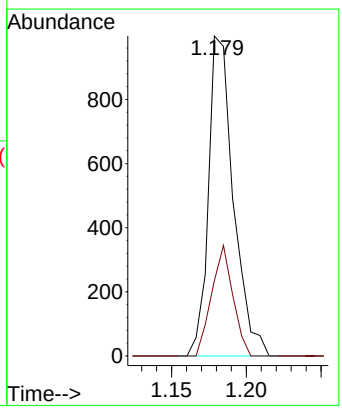


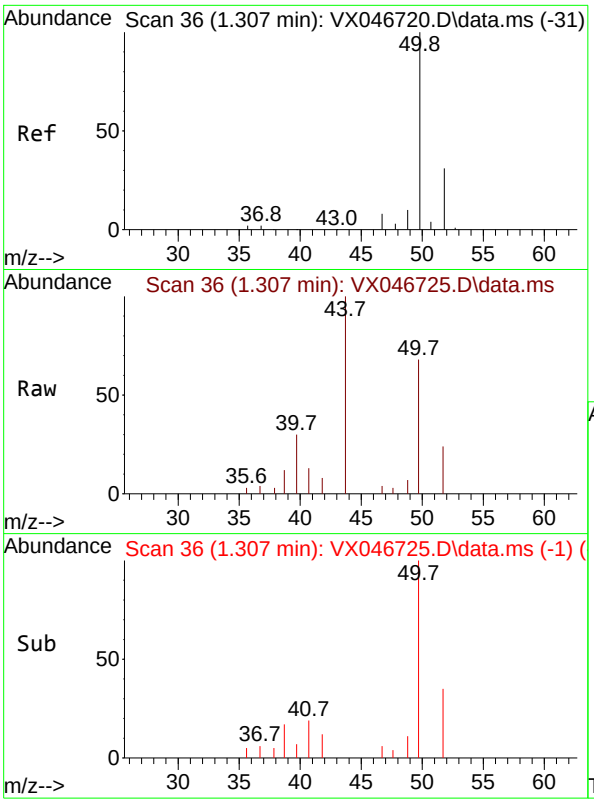


#2
Dichlorodifluoromethane
Concen: 0.797 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 85 Resp: 1159

Ion	Ratio	Lower	Upper
85	100		
87	23.5	16.6	49.8



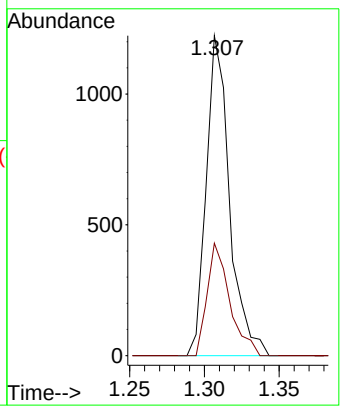


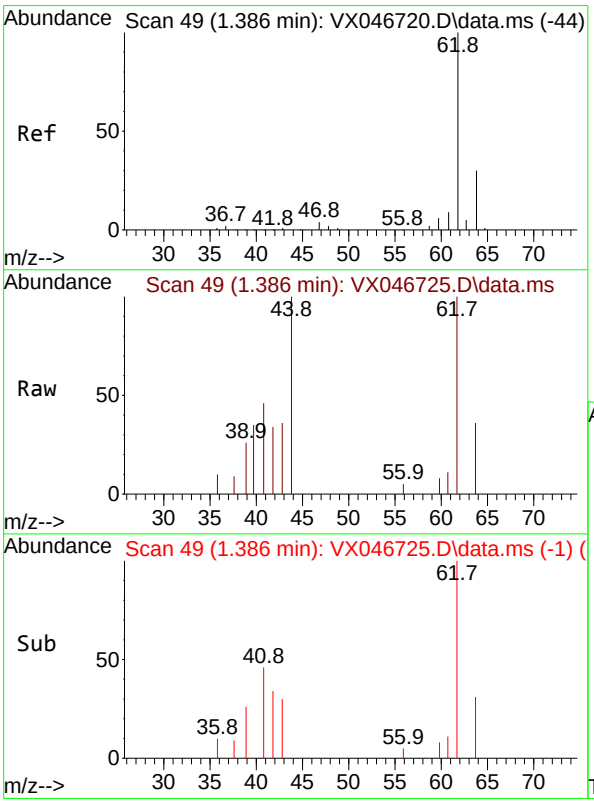
#3
Chloromethane
Concen: 0.842 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 1322

Ion	Ratio	Lower	Upper
50	100		
52	35.2	24.9	37.3

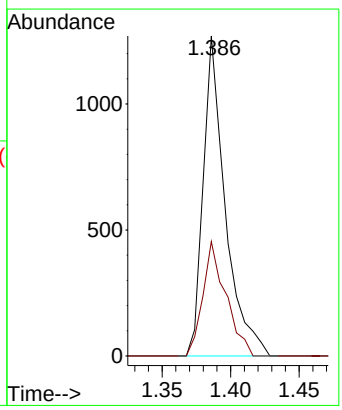


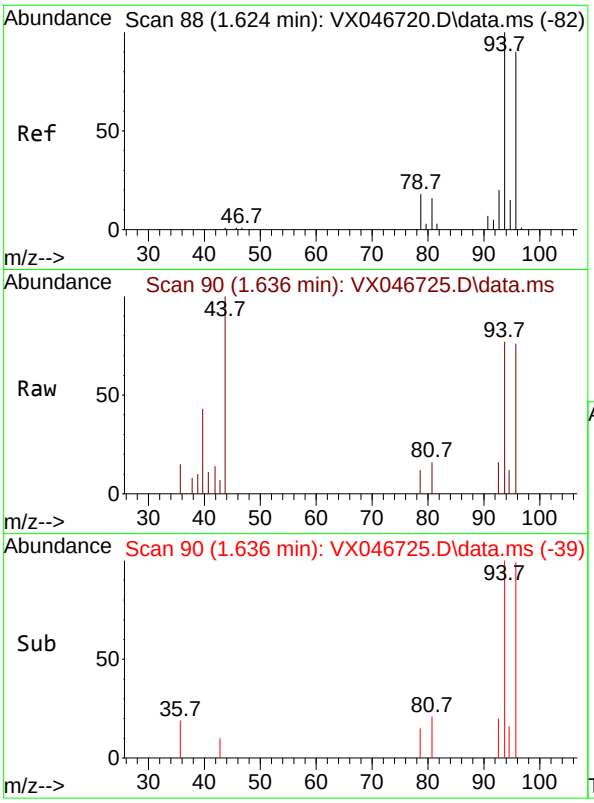


#4
Vinyl Chloride
Concen: 0.848 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 62 Resp: 1419

Ion	Ratio	Lower	Upper
62	100		
64	35.7	23.9	35.9



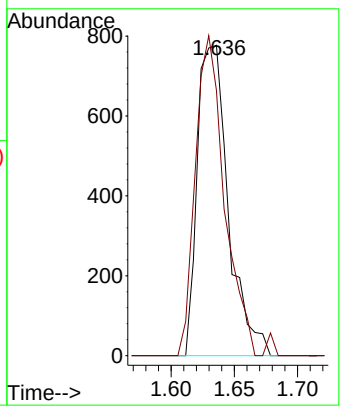


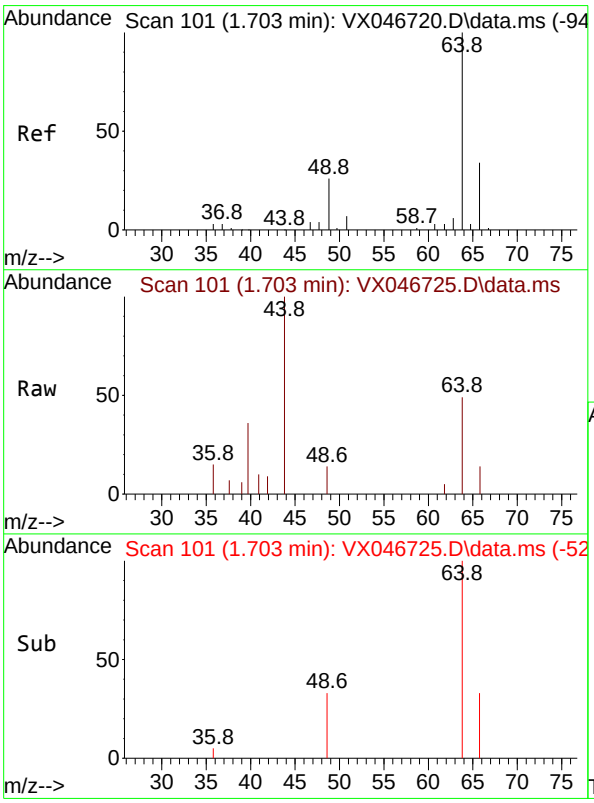
#5
Bromomethane
Concen: 1.407 ug/l
RT: 1.636 min Scan# 9
Delta R.T. 0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 1325

Ion	Ratio	Lower	Upper
94	100		
96	85.5	72.3	108.5

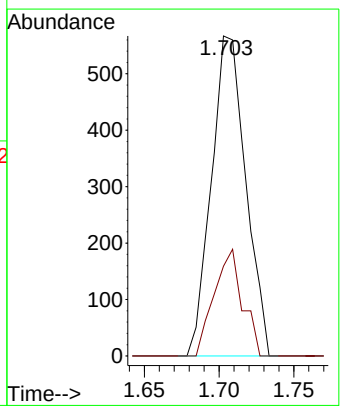


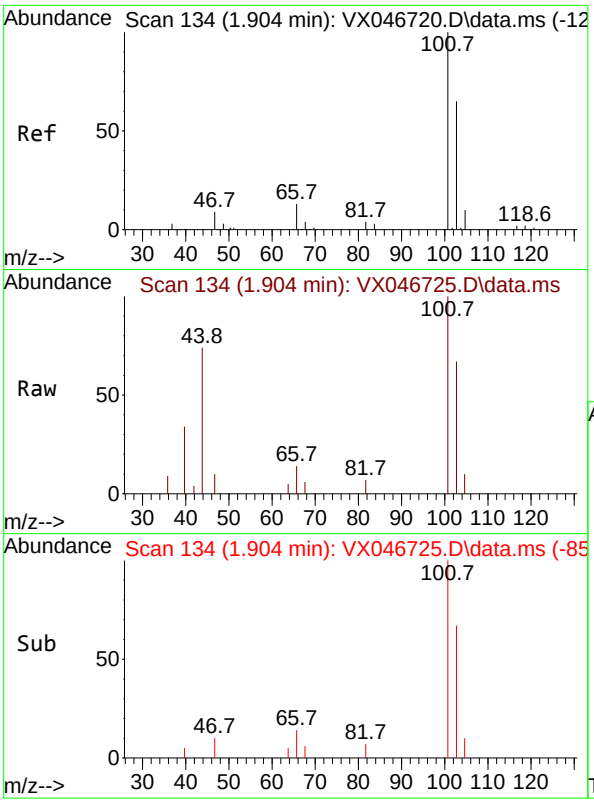


#6
Chloroethane
Concen: 0.892 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 64 Resp: 905

Ion	Ratio	Lower	Upper
64	100		
66	28.0	27.1	40.7



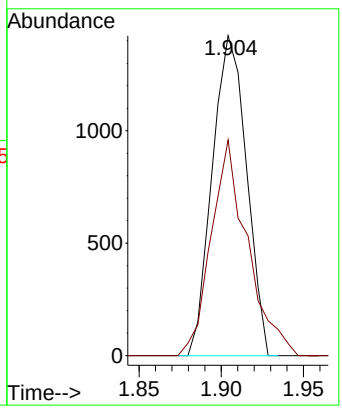


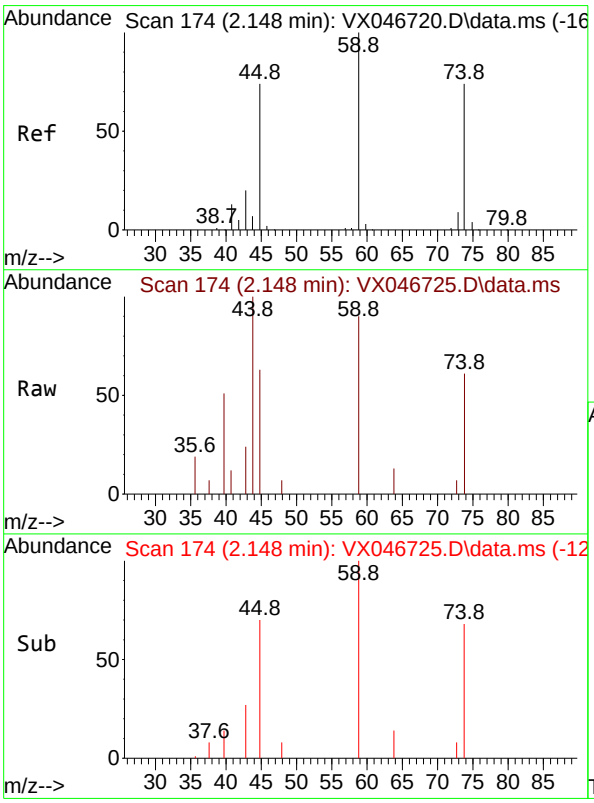
#7
Trichlorofluoromethane
Concen: 0.811 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 2062

Ion	Ratio	Lower	Upper
101	100		
103	67.4	51.8	77.8

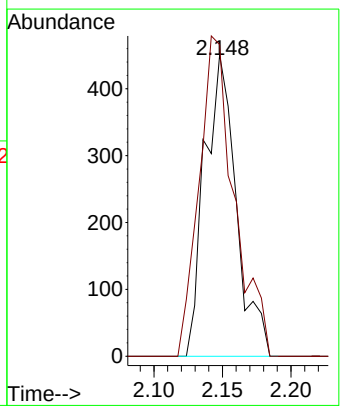


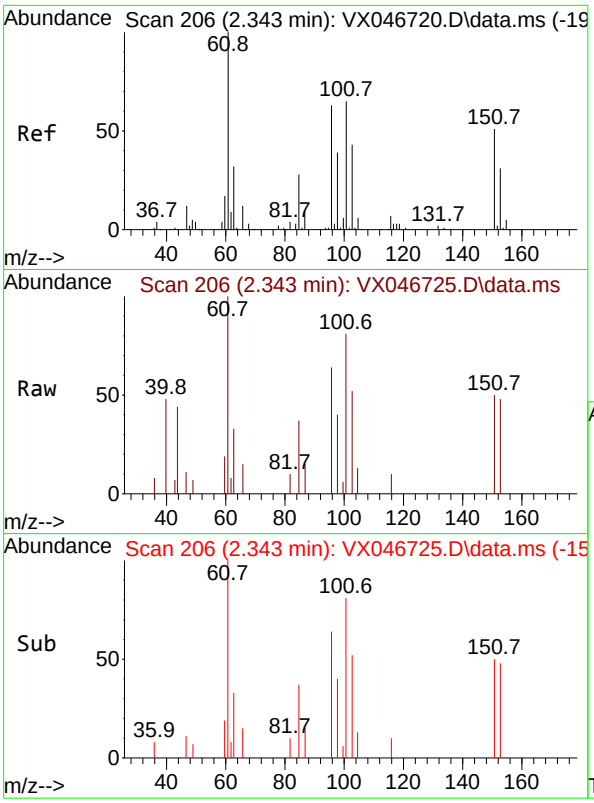


#8
Diethyl Ether
Concen: 0.828 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 74 Resp: 722

Ion	Ratio	Lower	Upper
74	100		
45	118.6	52.3	157.1



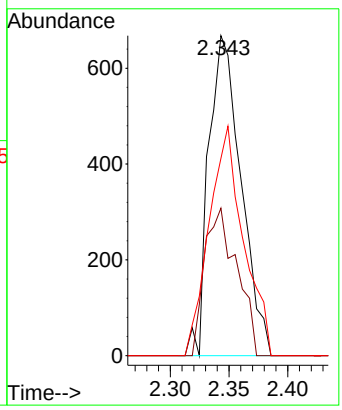


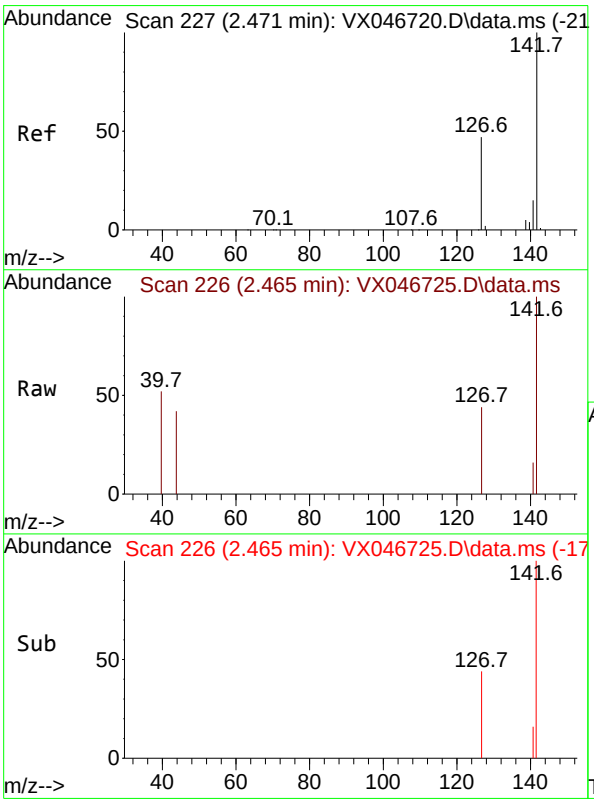
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.821 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 1280

Ion	Ratio	Lower	Upper
101	100		
85	45.9	35.4	53.0
151	76.5	61.2	91.8

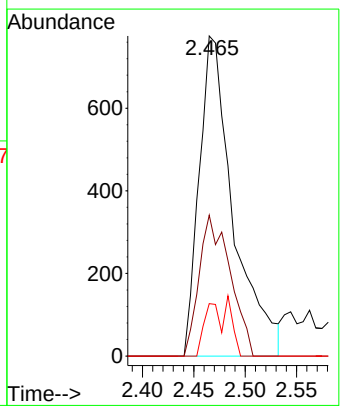


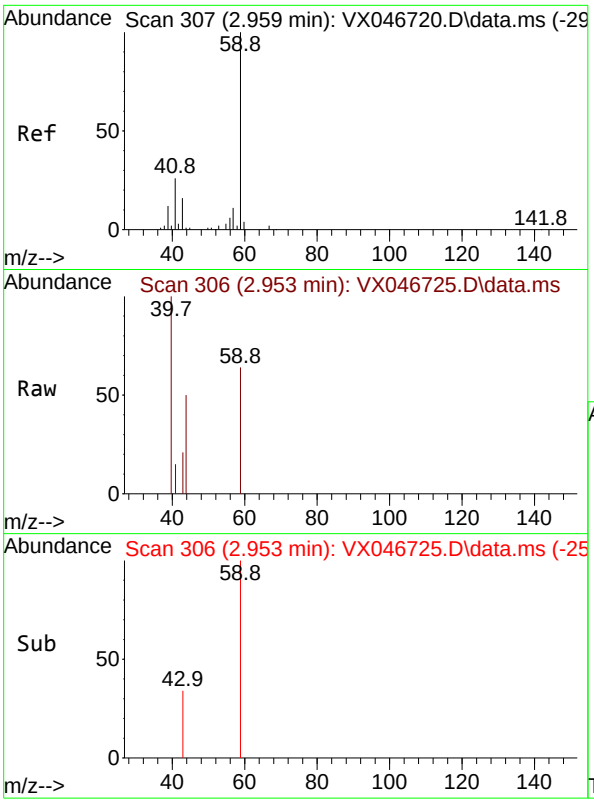


#10
Methyl Iodide
Concen: 5.171 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:142 Resp: 1790

Ion	Ratio	Lower	Upper
142	100		
127	40.0	37.0	55.6
141	12.0	11.5	17.3



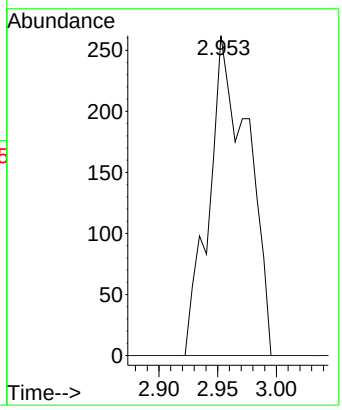


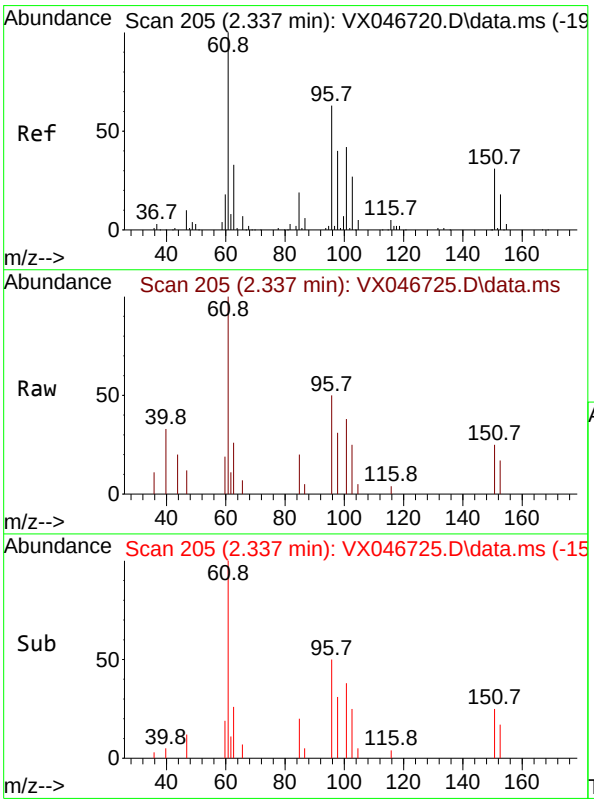
#11
Tert butyl alcohol
Concen: 3.583 ug/l
RT: 2.953 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 606

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

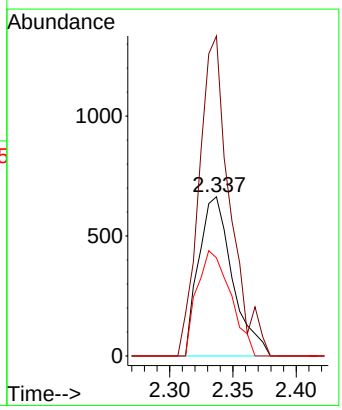


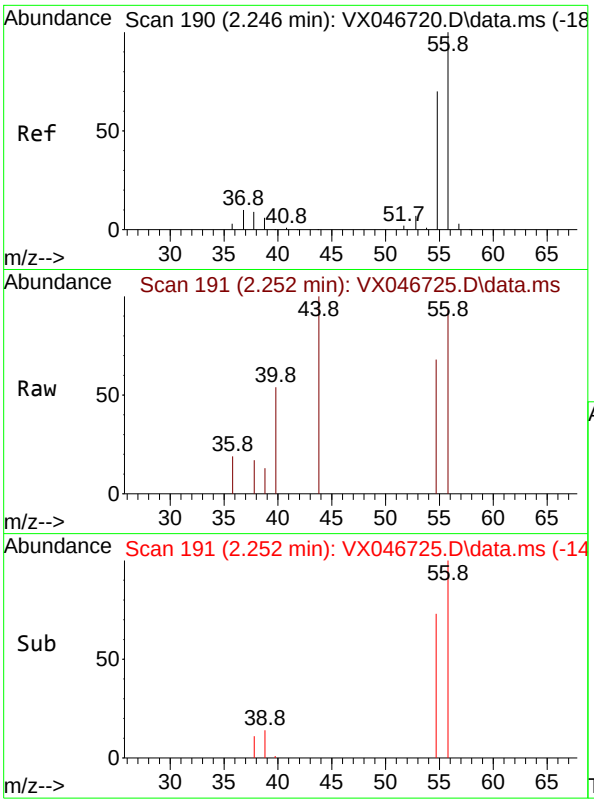


#12
1,1-Dichloroethene
Concen: 0.816 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 96 Resp: 1228

Ion	Ratio	Lower	Upper
96	100		
61	200.9	126.6	189.8#
98	61.6	50.7	76.1



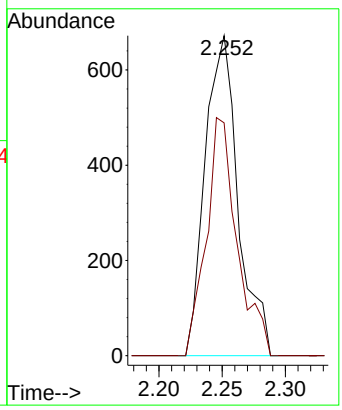


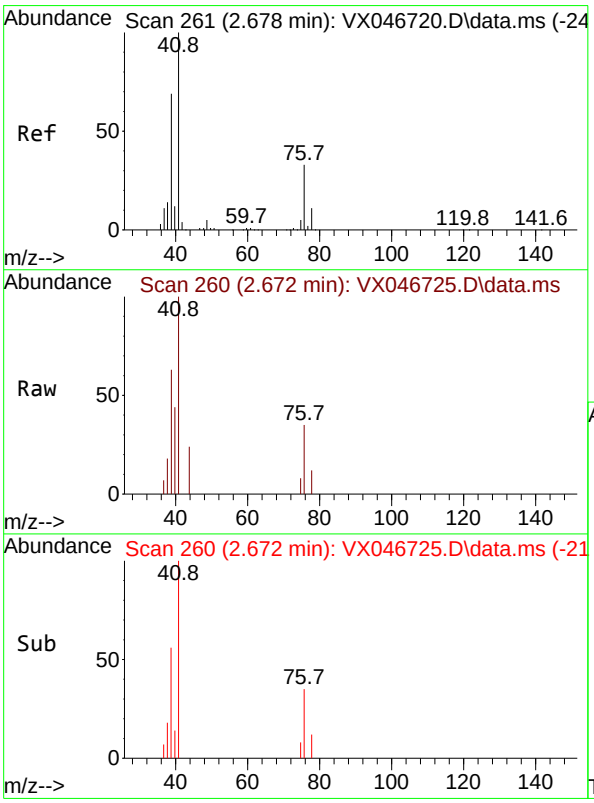
#13
Acrolein
Concen: 4.949 ug/l
RT: 2.252 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 1219

Ion	Ratio	Lower	Upper
56	100		
55	69.6	55.2	82.8

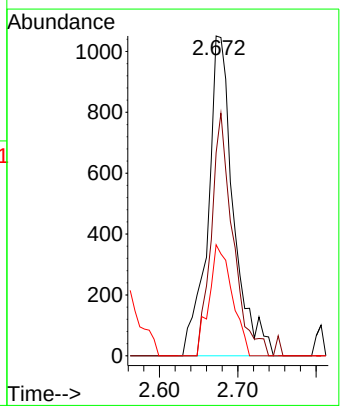


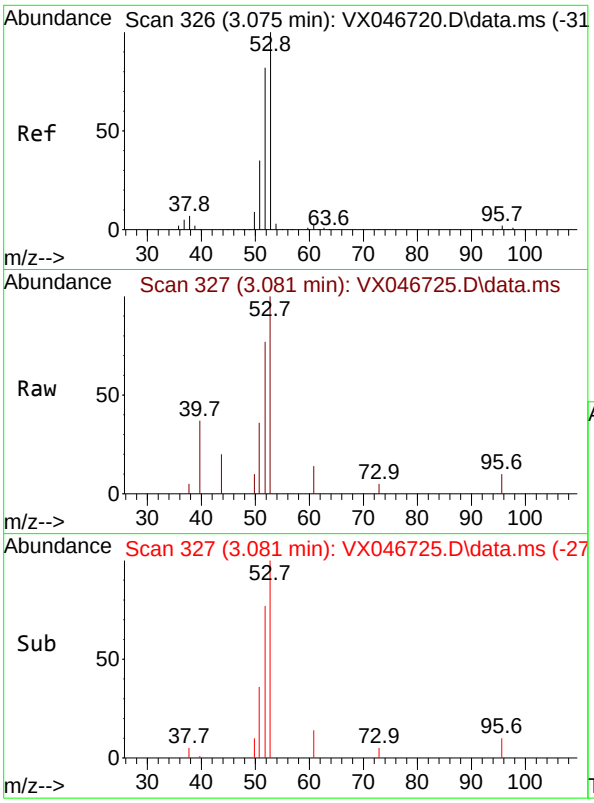


#14
Allyl chloride
Concen: 0.875 ug/l
RT: 2.672 min Scan# 260
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 41 Resp: 2386

Ion	Ratio	Lower	Upper
41	100		
39	64.2	53.6	80.4
76	31.4	26.8	40.2



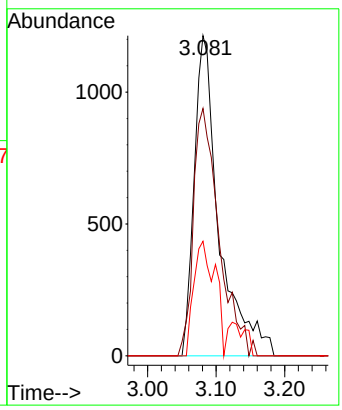


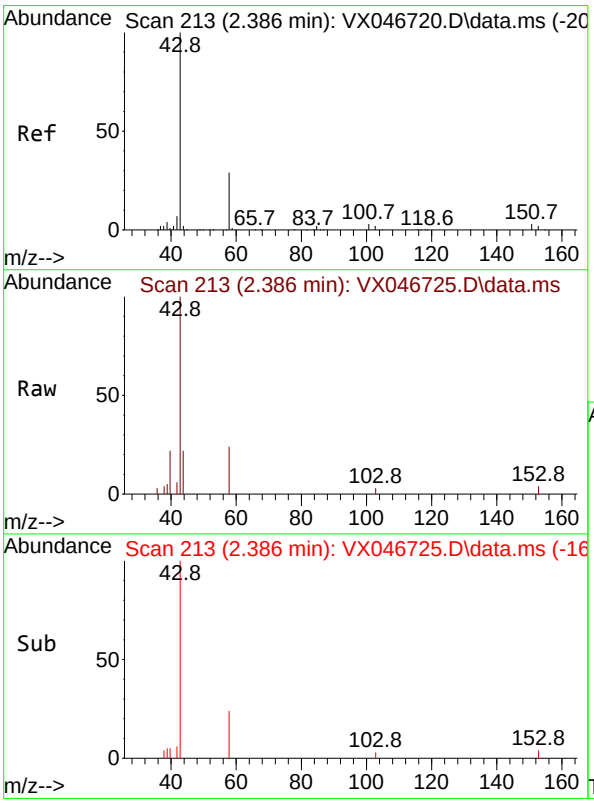
#15
Acrylonitrile
Concen: 4.044 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 3075

Ion	Ratio	Lower	Upper
53	100		
52	79.2	65.1	97.7
51	31.7	28.9	43.3

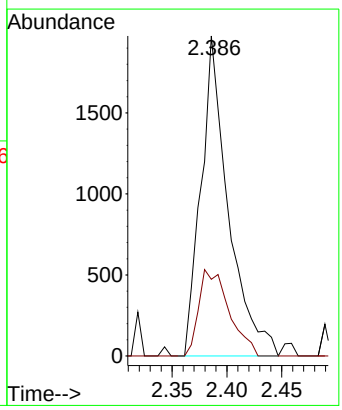


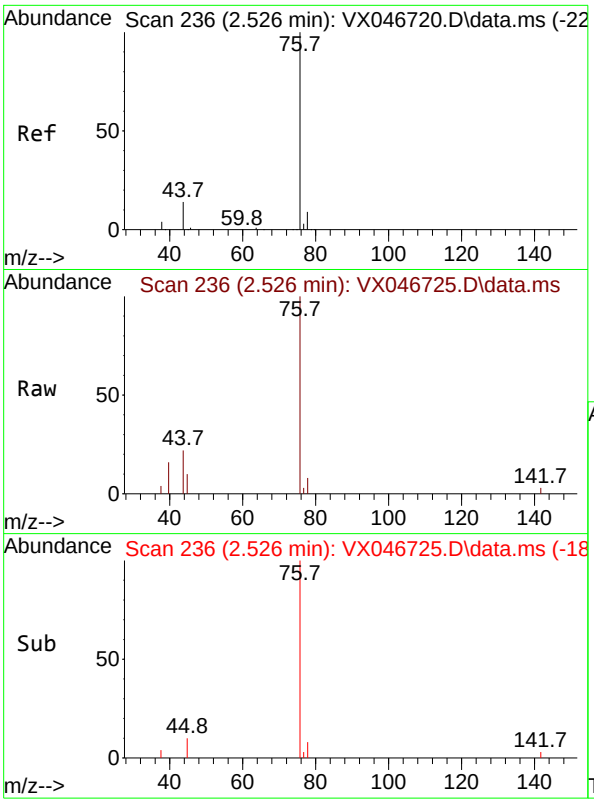


#16
Acetone
Concen: 5.449 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 43 Resp: 3424

Ion	Ratio	Lower	Upper
43	100		
58	19.6	24.5	36.7#



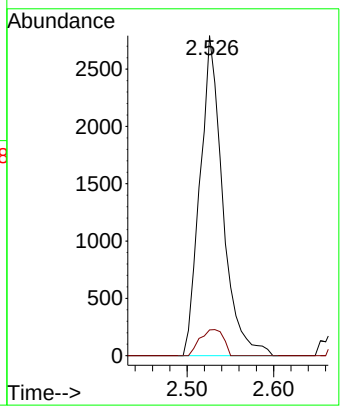


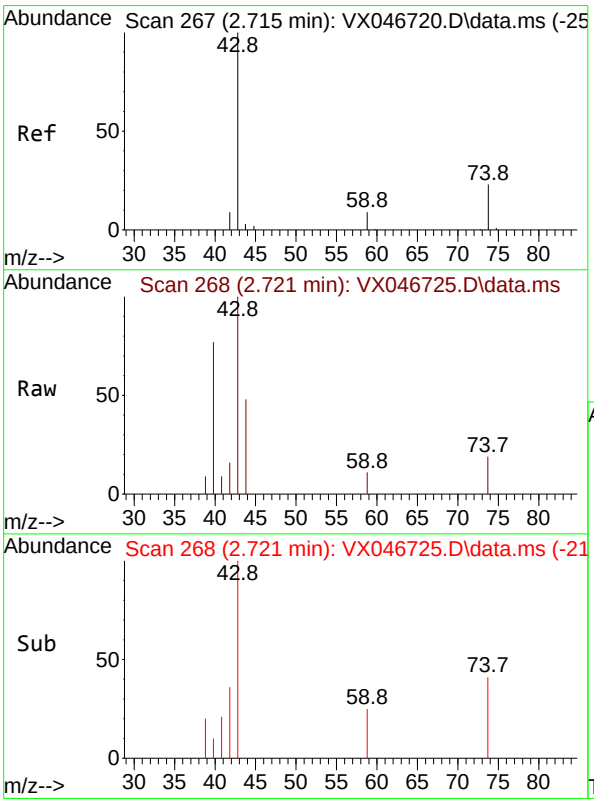
#17
Carbon Disulfide
Concen: 1.121 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 5092

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.5	11.3

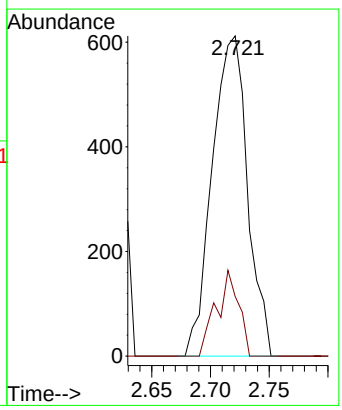


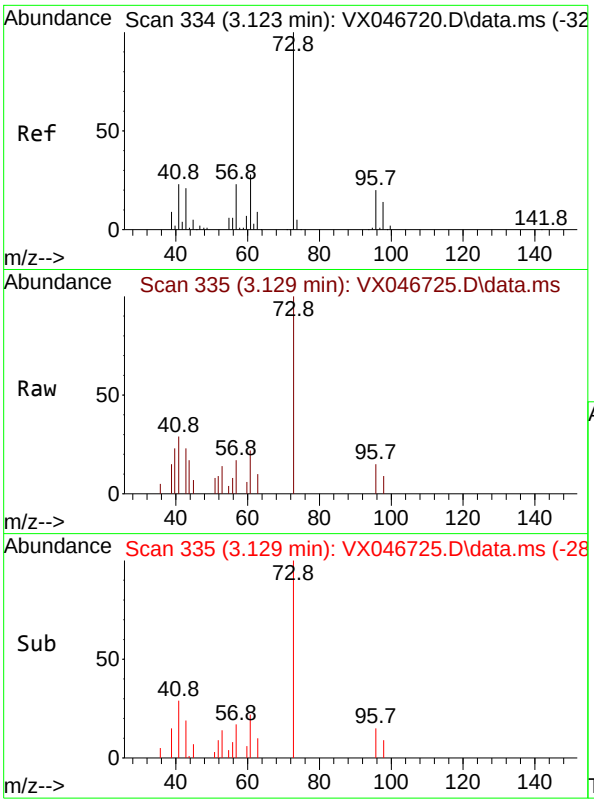


#18
Methyl Acetate
Concen: 0.802 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 43 Resp: 1280

Ion	Ratio	Lower	Upper
43	100		
74	16.9	18.4	27.6#



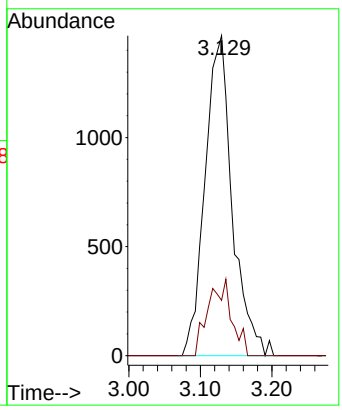


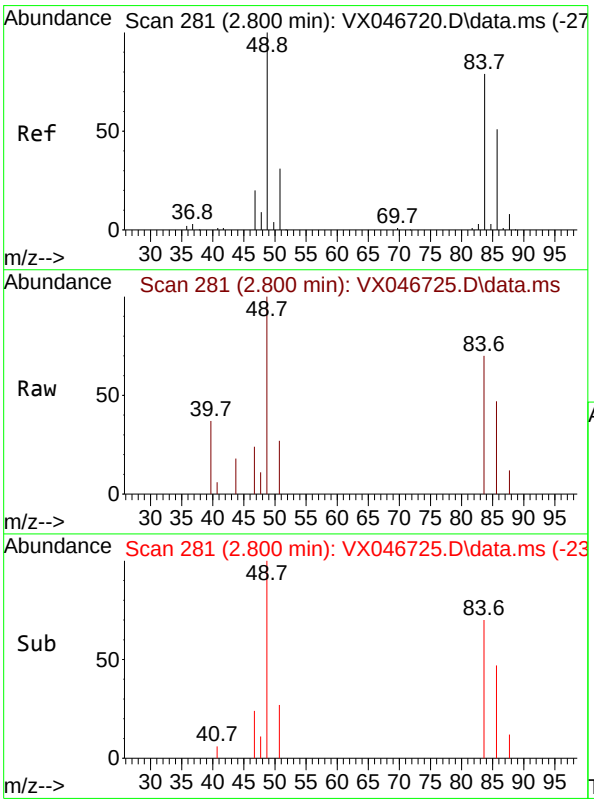
#19
Methyl tert-butyl Ether
Concen: 0.830 ug/l
RT: 3.129 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 3888

Ion	Ratio	Lower	Upper
73	100		
57	17.3	18.2	27.2#

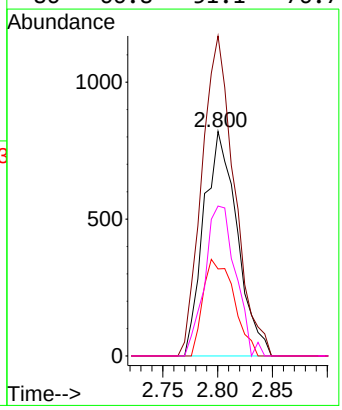


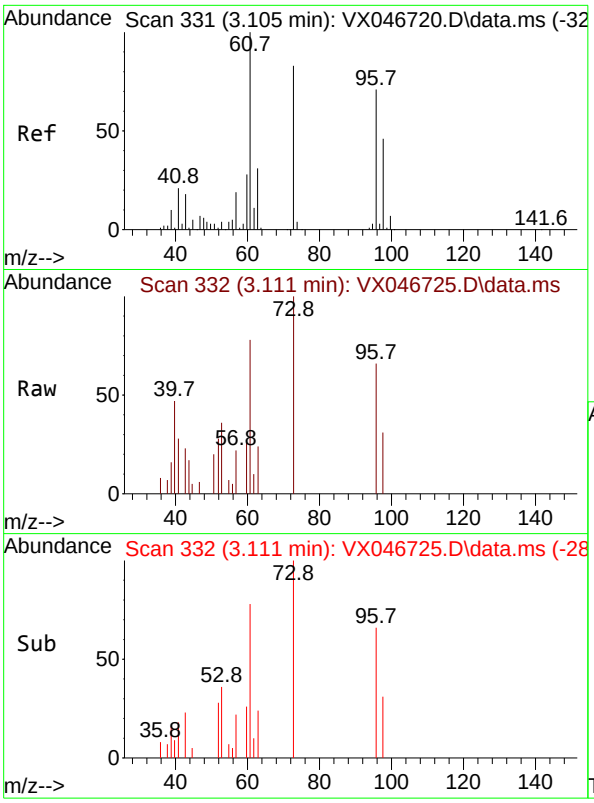


#20
Methylene Chloride
Concen: 0.994 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 84 Resp: 1736

Ion	Ratio	Lower	Upper
84	100		
49	142.6	101.3	151.9
51	38.8	31.0	46.6
86	66.8	51.1	76.7



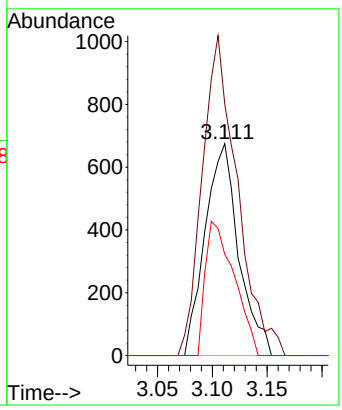


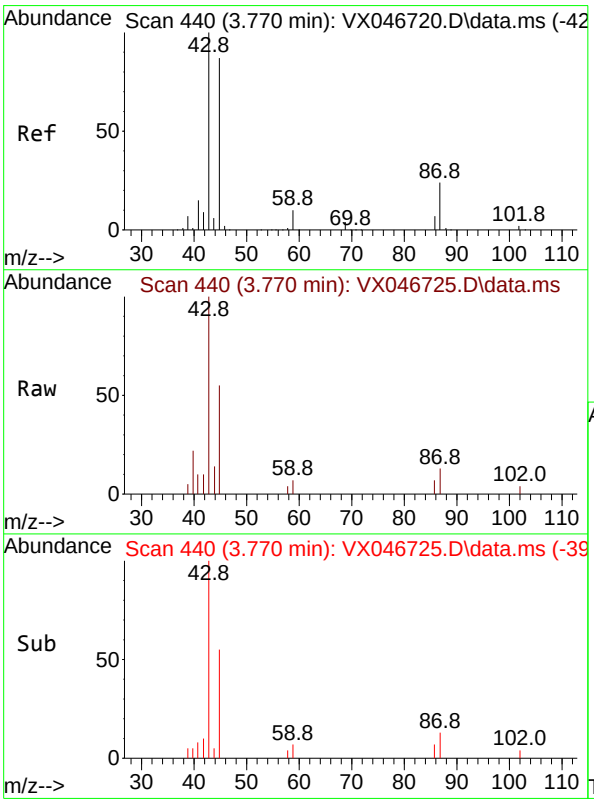
#21
trans-1,2-Dichloroethene
Concen: 0.895 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 1441

Ion	Ratio	Lower	Upper
96	100		
61	118.7	112.5	168.7
98	47.7	51.9	77.9#

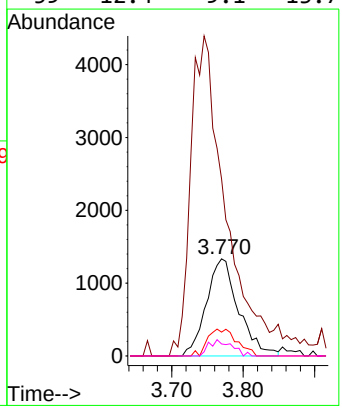


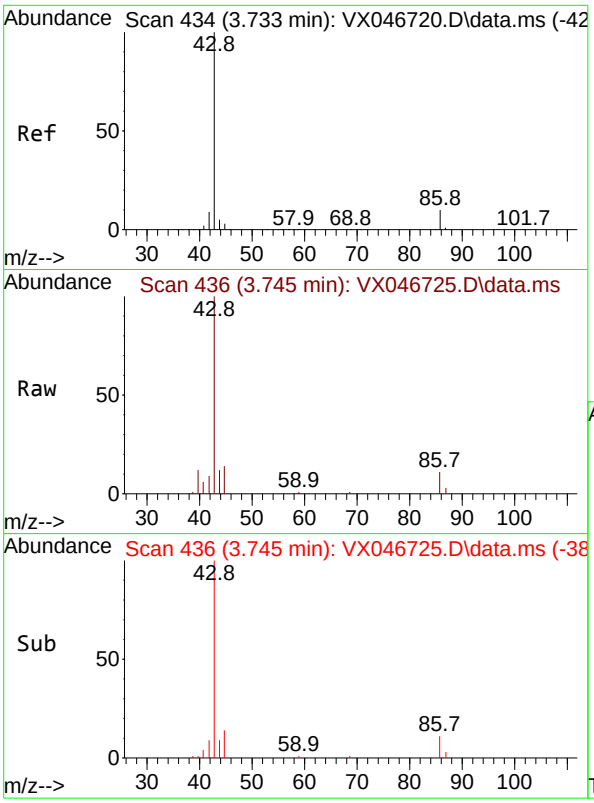


#22
Diisopropyl ether
Concen: 0.796 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 45 Resp: 4170

Ion	Ratio	Lower	Upper
45	100		
43	155.2	91.9	137.9#
87	24.5	22.0	33.0
59	12.4	9.1	13.7



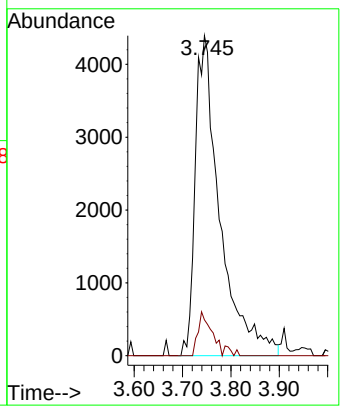


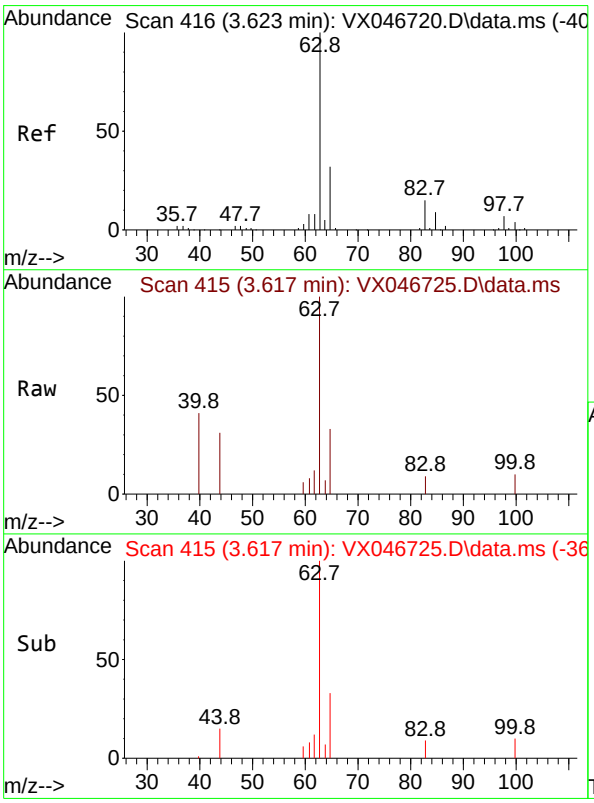
#23
Vinyl Acetate
Concen: 3.722 ug/l
RT: 3.745 min Scan# 4
Delta R.T. 0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 15507

Ion	Ratio	Lower	Upper
43	100		
86	12.0	8.2	12.2

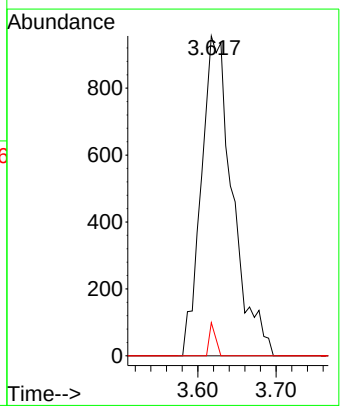


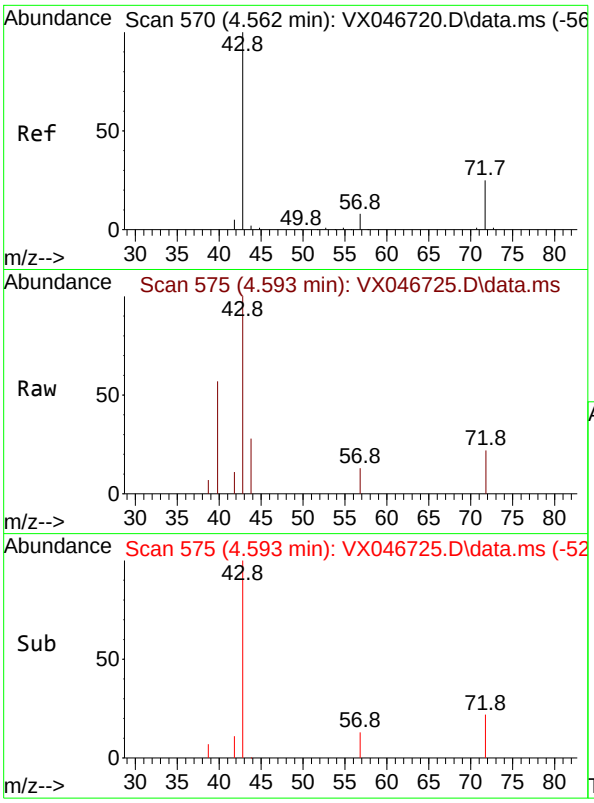


#24
1,1-Dichloroethane
Concen: 0.890 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 63 Resp: 2648

Ion	Ratio	Lower	Upper
63	100		
98	0.0	4.0	11.9#
100	10.4	2.2	6.6#



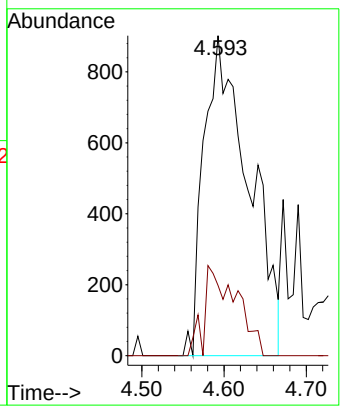


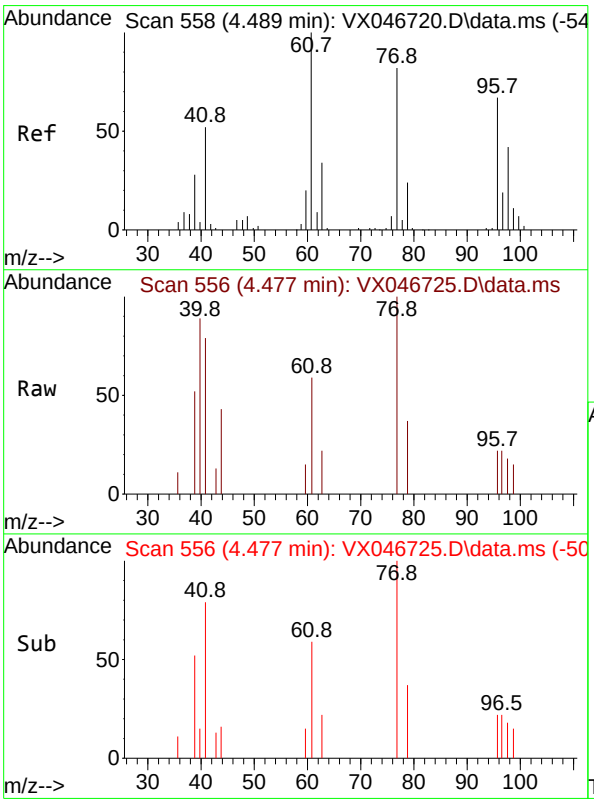
#25
2-Butanone
Concen: 3.851 ug/l
RT: 4.593 min Scan# 5
Delta R.T. 0.030 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 3422

Ion	Ratio	Lower	Upper
43	100		
72	22.0	20.2	30.4

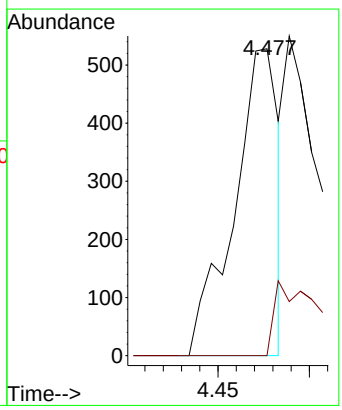


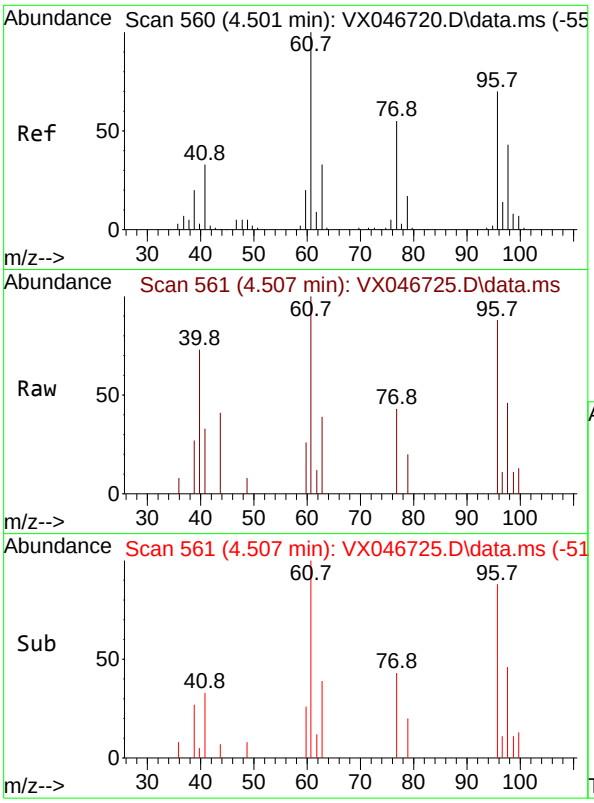


#26
2,2-Dichloropropane
Concen: 0.411 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 77 Resp: 891

Ion	Ratio	Lower	Upper
77	100		
97	20.7	11.8	35.3



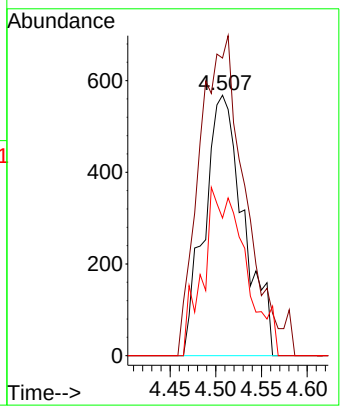


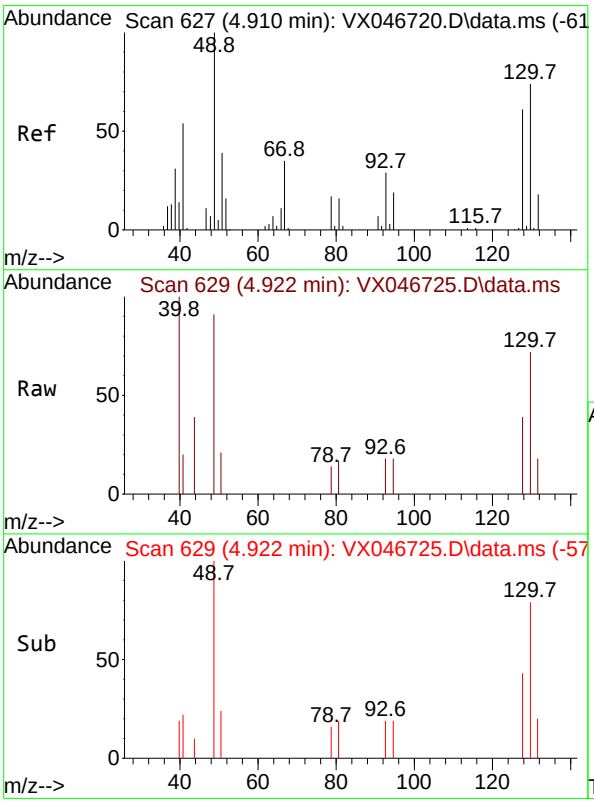
#27
cis-1,2-Dichloroethene
Concen: 0.898 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 1698

Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	291.0
98	69.4	0.0	126.8

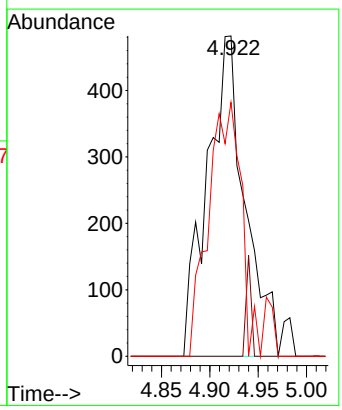


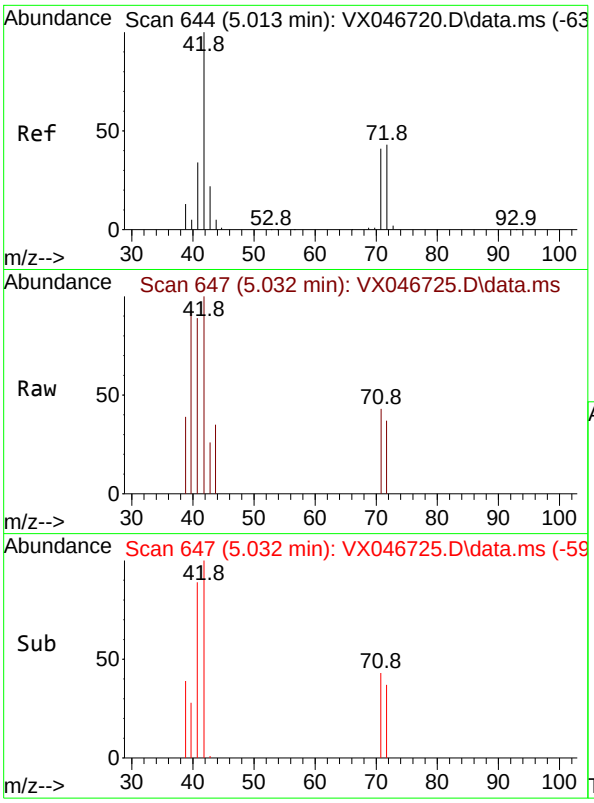


#28
Bromochloromethane
Concen: 0.969 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 49 Resp: 1307

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	68.6	61.4	92.0



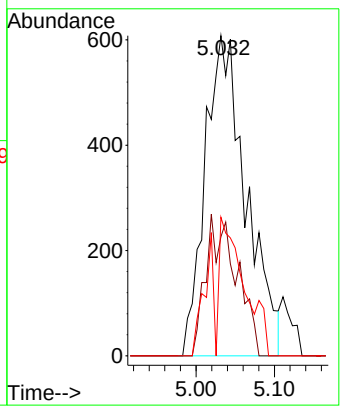


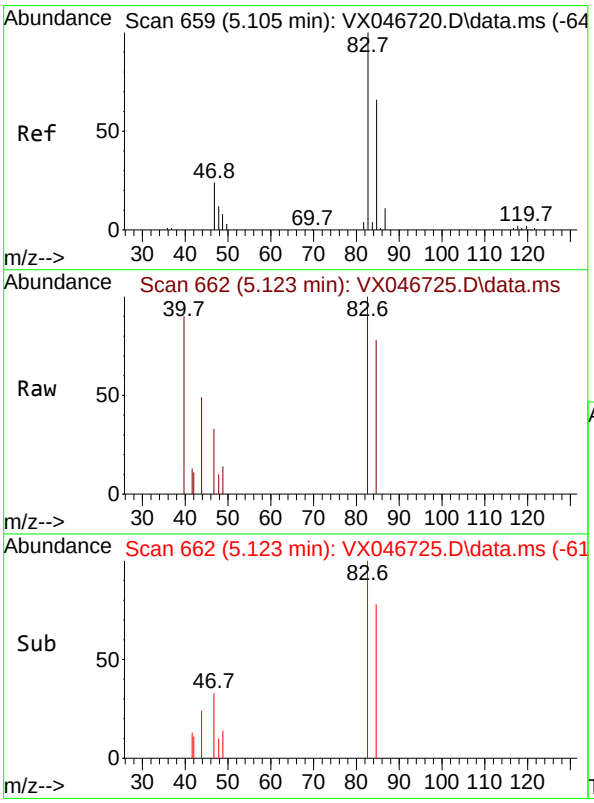
#29
Tetrahydrofuran
Concen: 3.854 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 2212

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.9	52.3#
71	26.1	32.2	48.2#

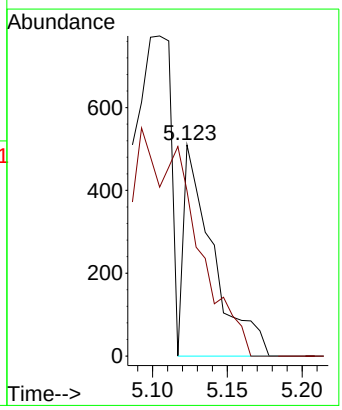


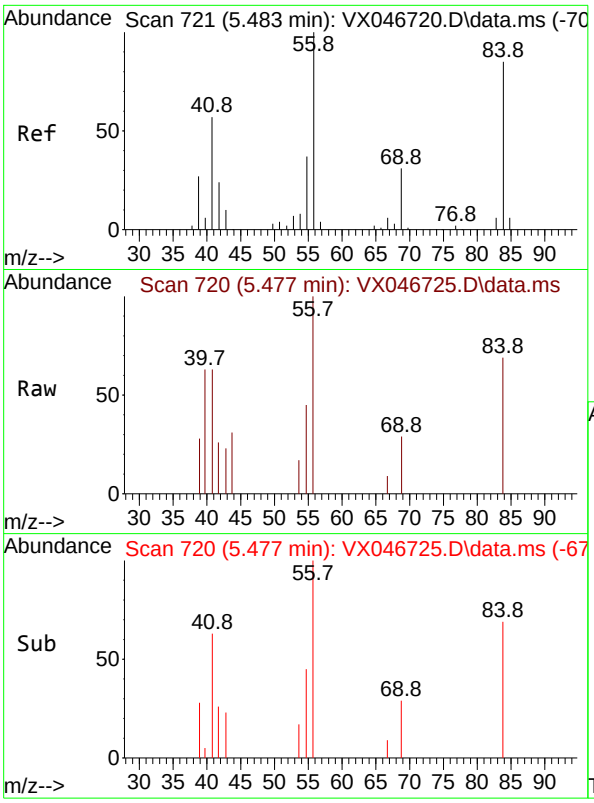


#30
Chloroform
Concen: 0.235 ug/l
RT: 5.123 min Scan# 662
Delta R.T. 0.018 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 83 Resp: 700

Ion	Ratio	Lower	Upper
83	100		
85	78.2	53.7	80.5



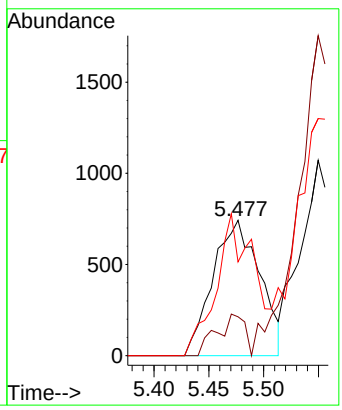


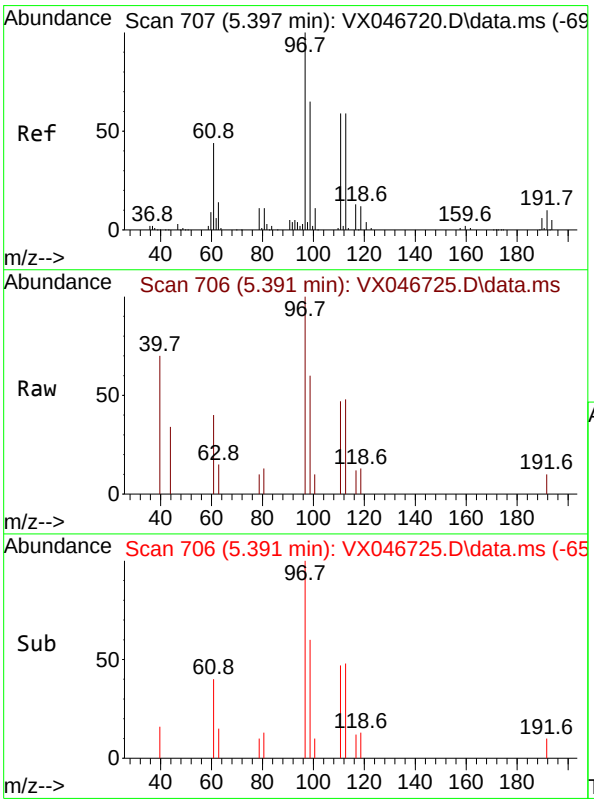
#31
Cyclohexane
Concen: 0.783 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 2208

Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.8	37.2
84	69.3	68.2	102.2

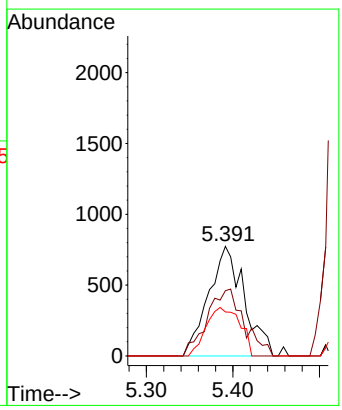


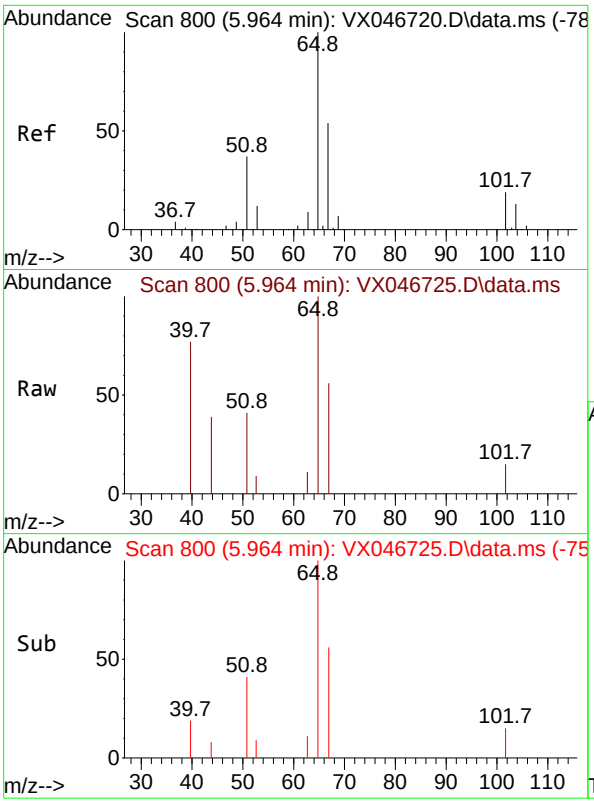


#32
1,1,1-Trichloroethane
Concen: 0.848 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 97 Resp: 2212

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	41.9	36.4	54.6



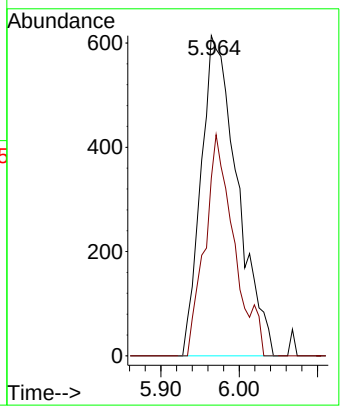


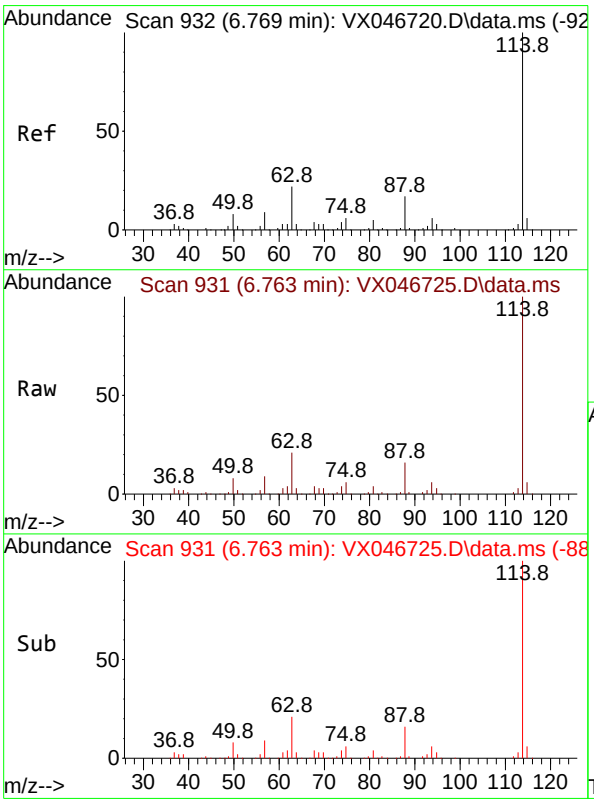
#33
1,2-Dichloroethane-d4
Concen: 1.049 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 65 Resp: 1977

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	105.4

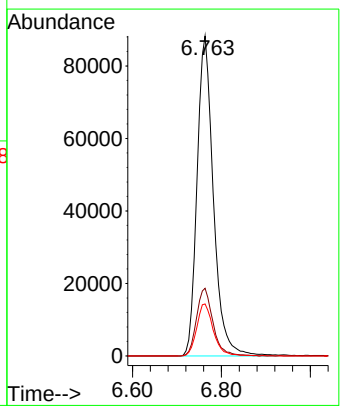


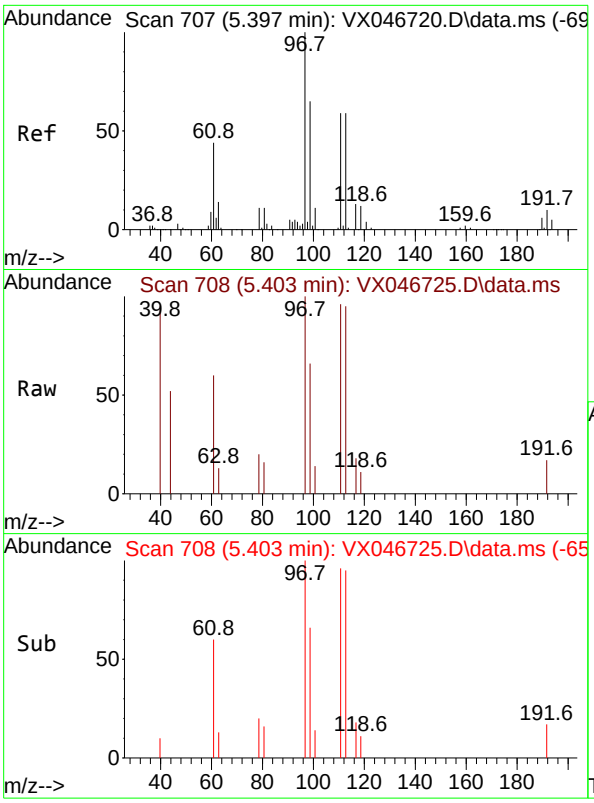


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:114 Resp: 226094

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.2
88	16.3	0.0	33.2



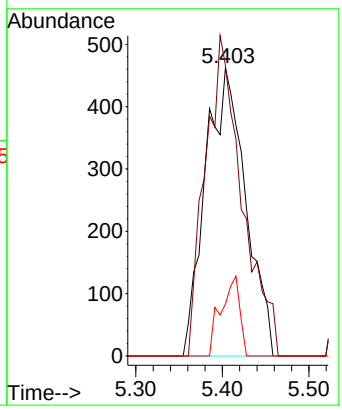


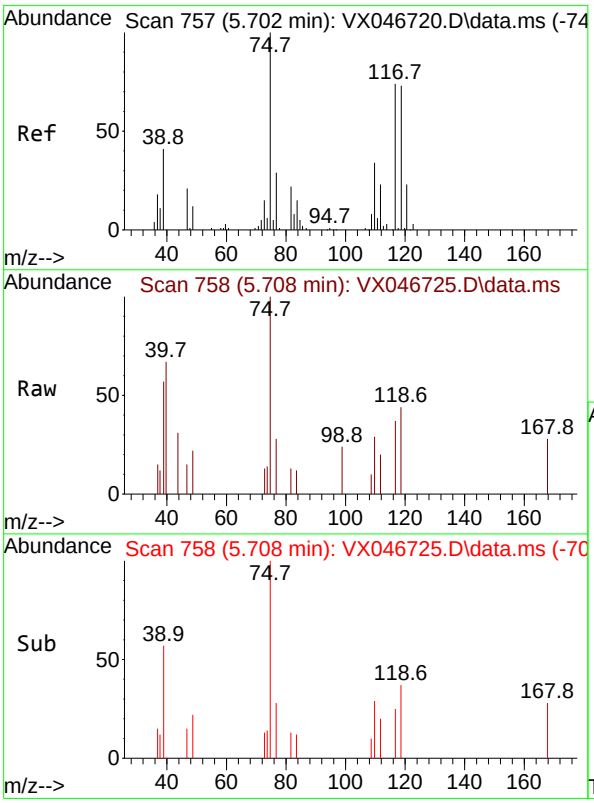
#35
Dibromofluoromethane
Concen: 0.997 ug/l
RT: 5.403 min Scan# 7(
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:113 Resp: 1491

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	12.9	15.3	22.9#

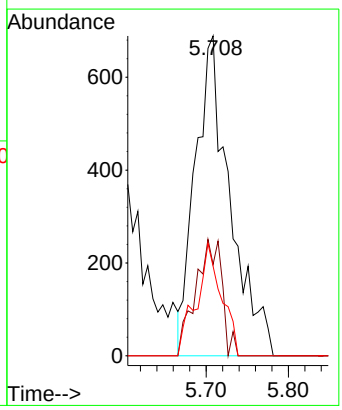


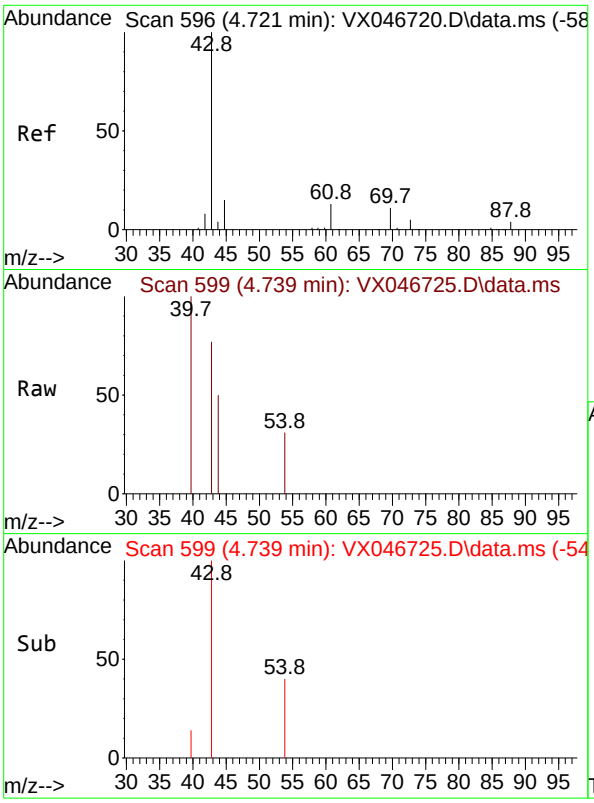


#36
1,1-Dichloropropene
Concen: 0.934 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 75 Resp: 2016

Ion	Ratio	Lower	Upper
75	100		
110	27.6	17.2	51.5
77	25.5	24.2	36.4



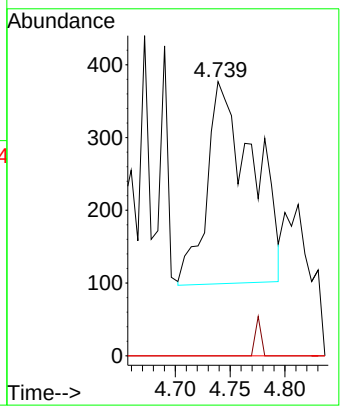


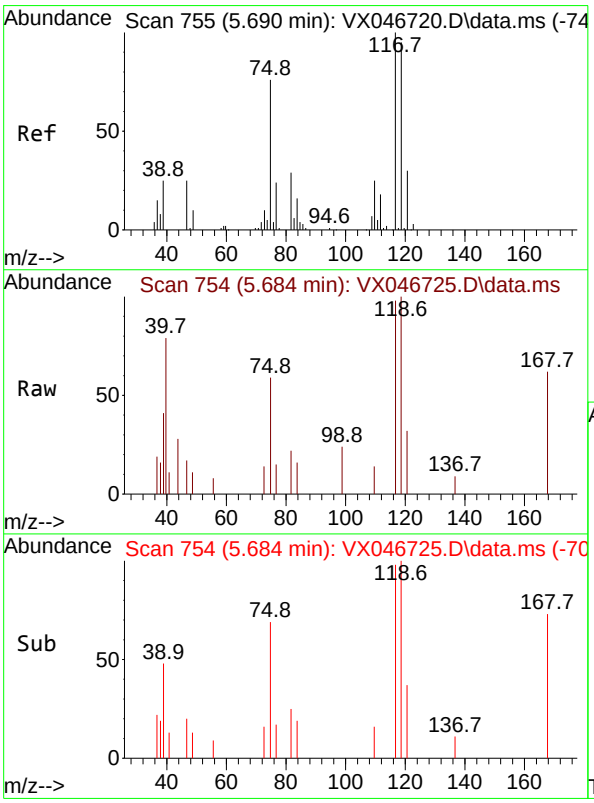
#37
Ethyl Acetate
Concen: 0.404 ug/l
RT: 4.739 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 806

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	8.1	12.1#

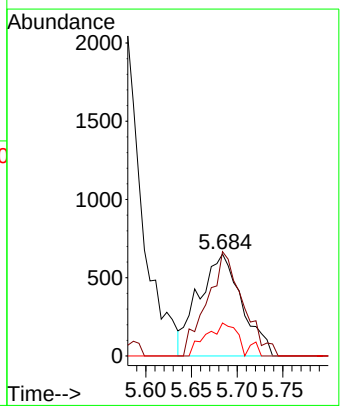


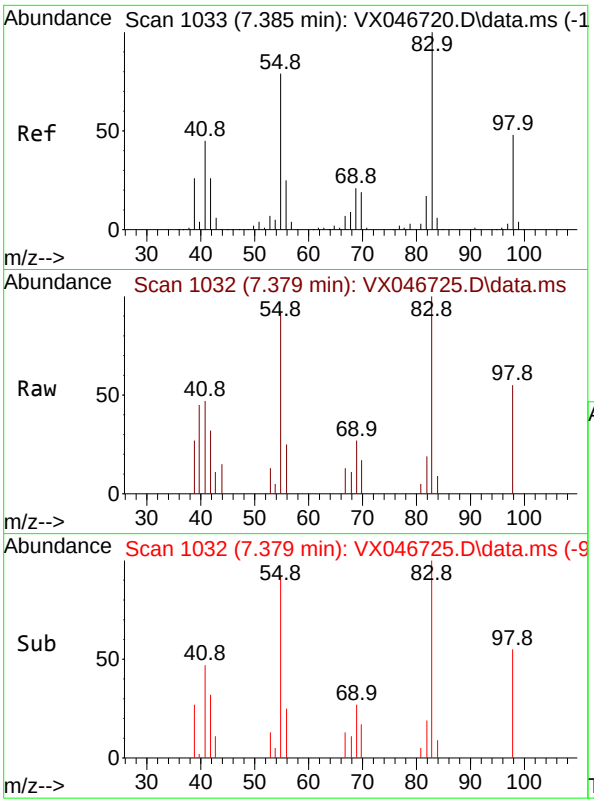


#38
Carbon Tetrachloride
Concen: 0.906 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:117 Resp: 2124

Ion	Ratio	Lower	Upper
117	100		
119	102.3	75.2	112.8
121	32.4	24.1	36.1



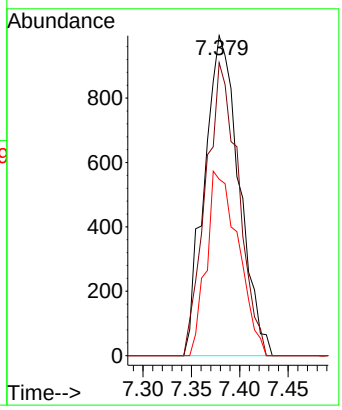


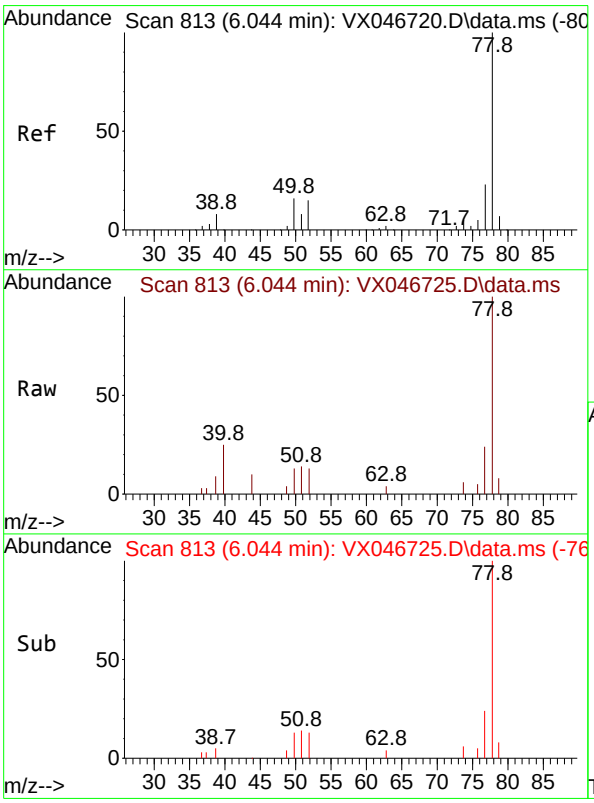
#39
Methylcyclohexane
Concen: 0.875 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 2485

Ion	Ratio	Lower	Upper
83	100		
55	91.5	63.0	94.4
98	55.1	38.8	58.2

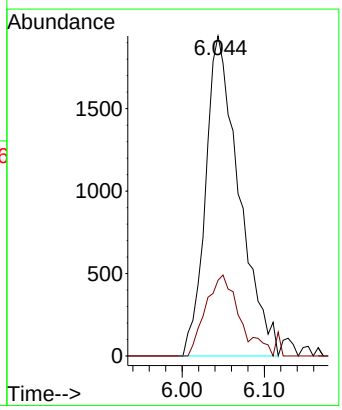


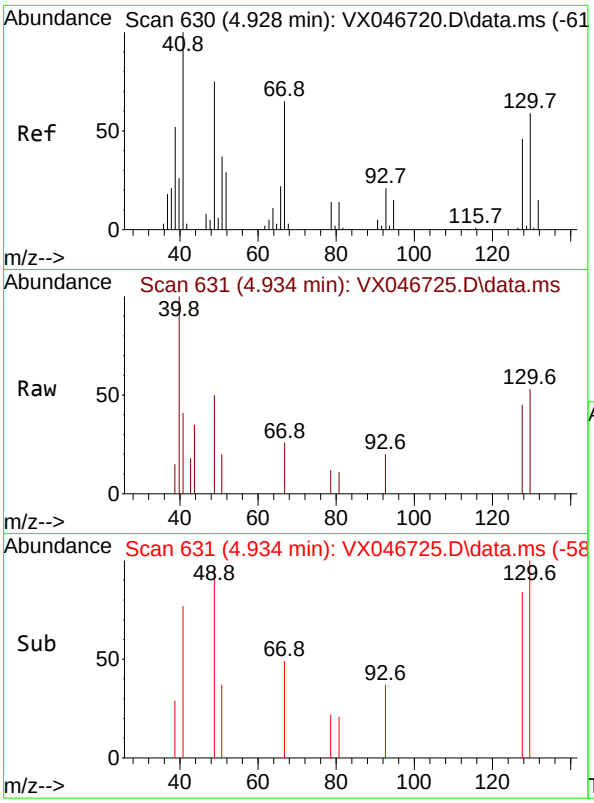


#40
Benzene
Concen: 0.862 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 78 Resp: 5507

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.8	28.2



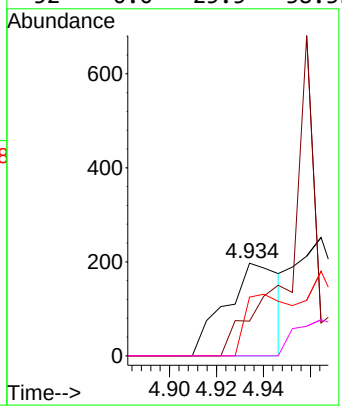


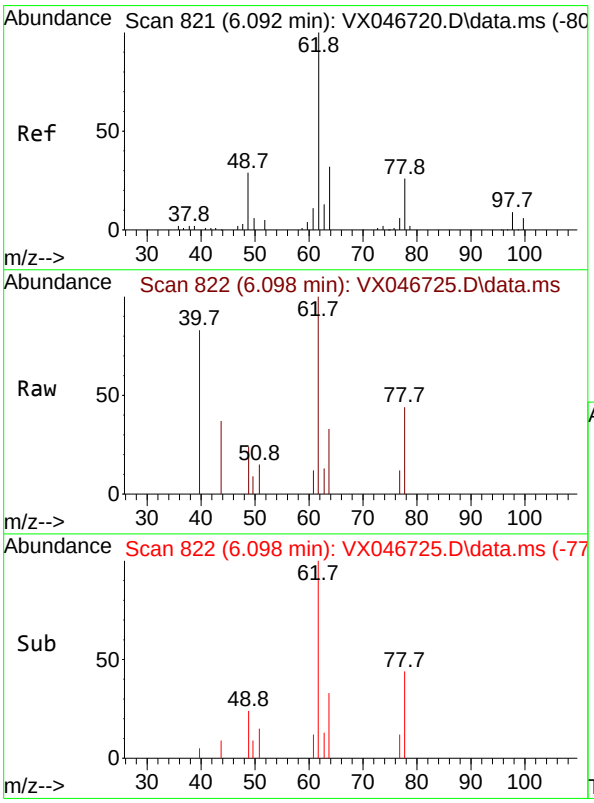
#41
Methacrylonitrile
Concen: 0.293 ug/l
RT: 4.934 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 311

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.9	68.9#
67	56.3	61.2	91.8#
52	0.0	25.5	38.3#

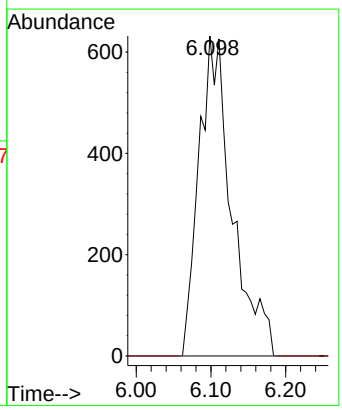


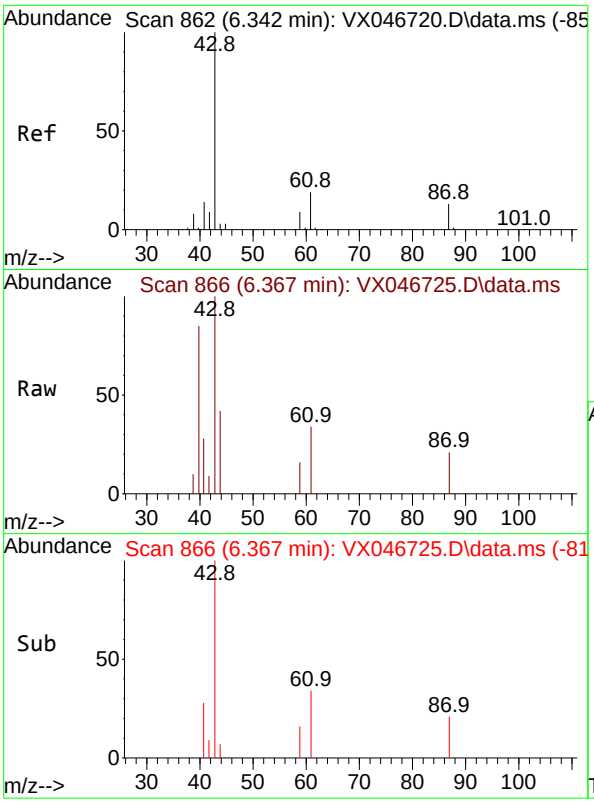


#42
1,2-Dichloroethane
Concen: 0.863 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 62 Resp: 1938

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8



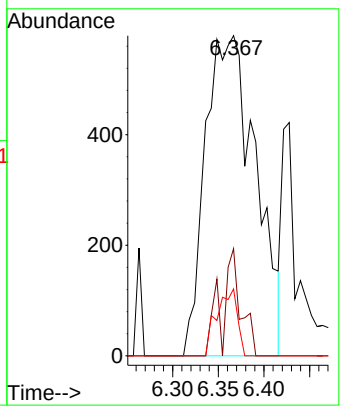


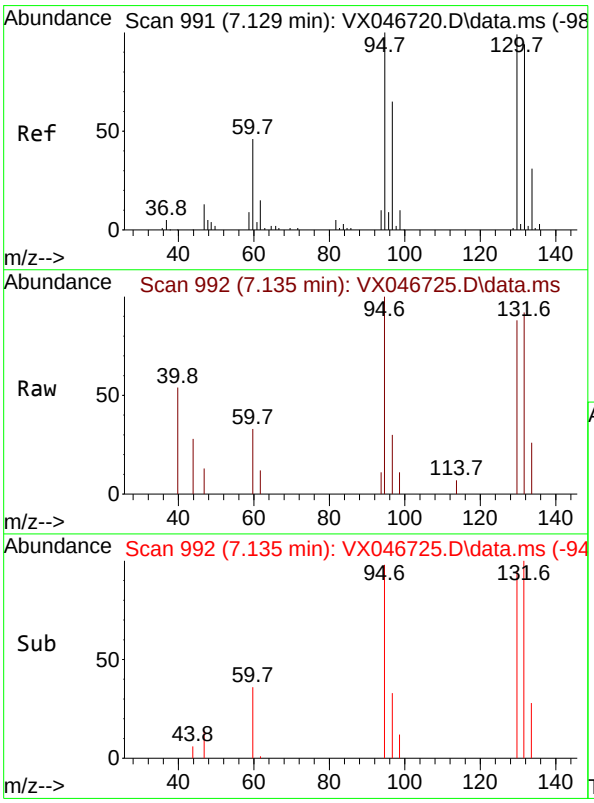
#43
Isopropyl Acetate
Concen: 0.711 ug/l
RT: 6.367 min Scan# 8
Delta R.T. 0.024 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 2218

Ion	Ratio	Lower	Upper
43	100		
61	9.3	15.3	22.9#
87	8.6	10.0	15.0#

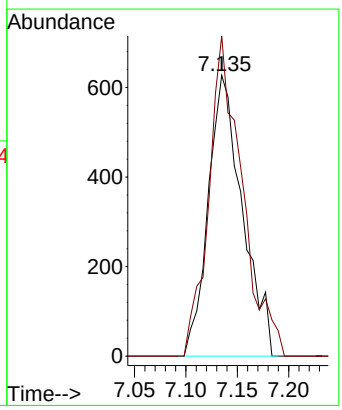


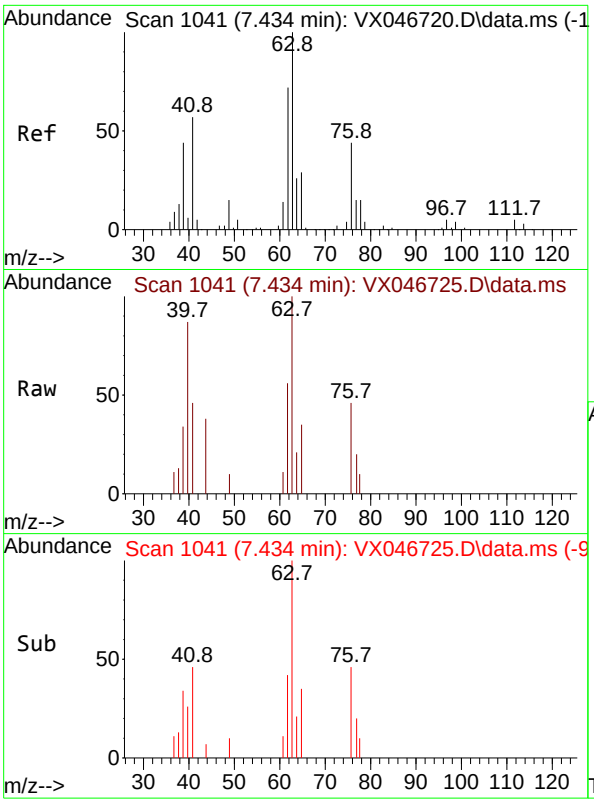


#44
Trichloroethene
Concen: 0.889 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:130 Resp: 1448

Ion	Ratio	Lower	Upper
130	100		
95	114.0	0.0	202.6



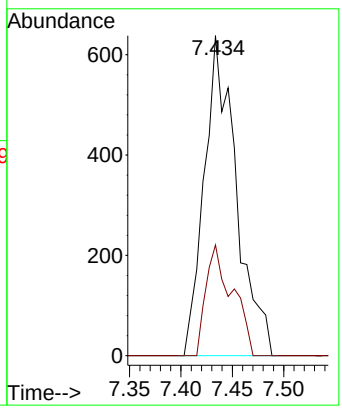


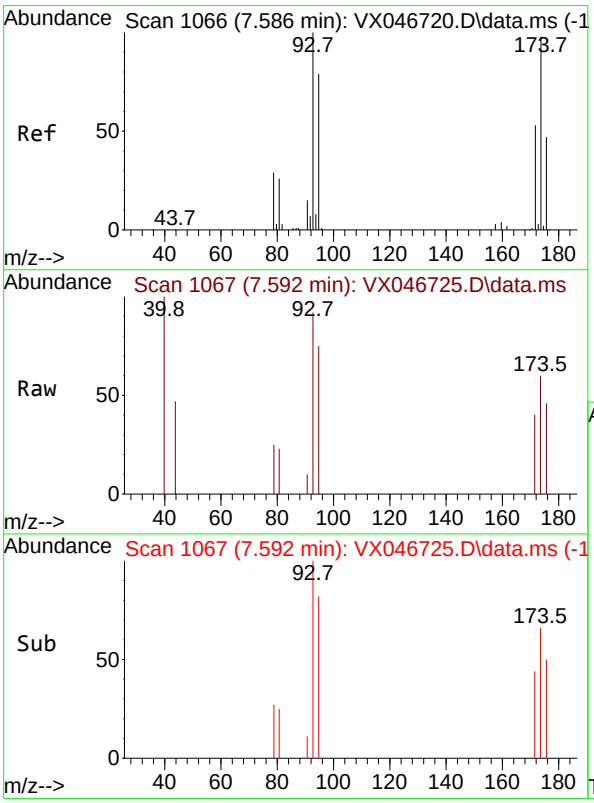
#45
1,2-Dichloropropane
Concen: 0.871 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 1380

Ion	Ratio	Lower	Upper
63	100		
65	34.6	22.9	34.3#

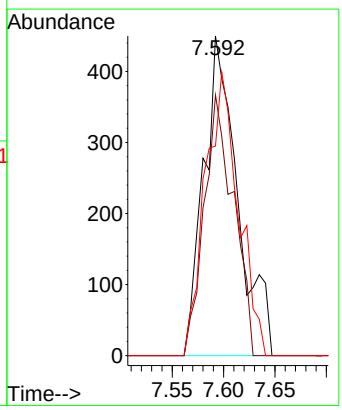


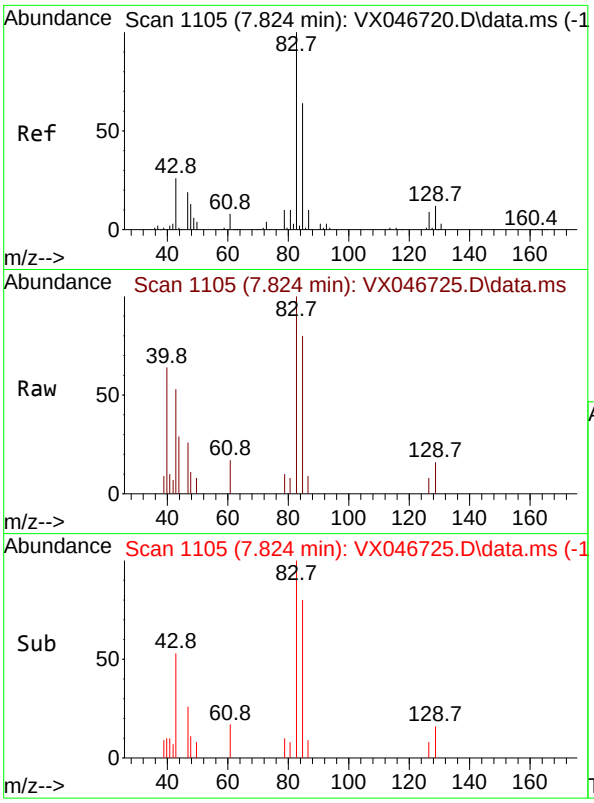


#46
Dibromomethane
Concen: 0.905 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 93 Resp: 1030

Ion	Ratio	Lower	Upper
93	100		
95	71.1	66.2	99.4
174	86.7	77.0	115.6



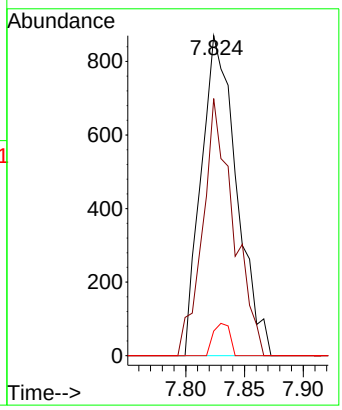


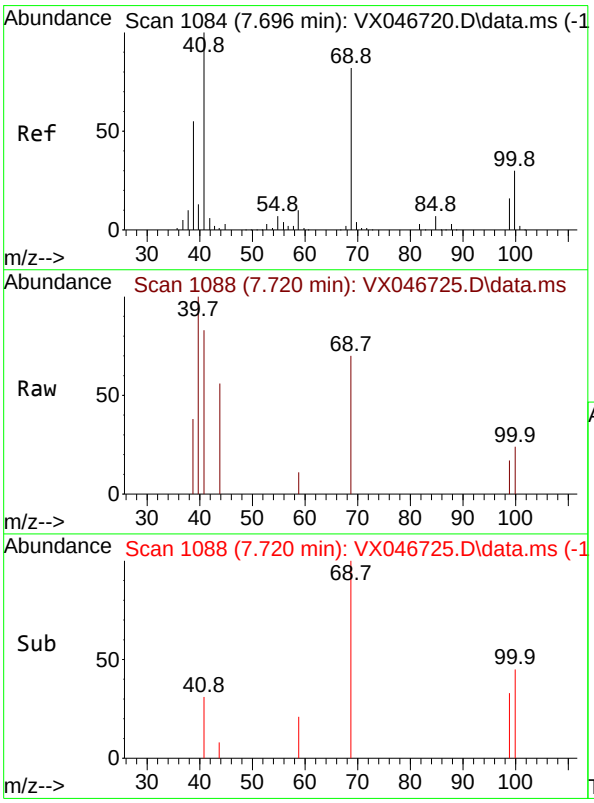
#47
Bromodichloromethane
Concen: 0.786 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 1825

Ion	Ratio	Lower	Upper
83	100		
85	80.3	51.4	77.2#
127	7.7	6.9	10.3

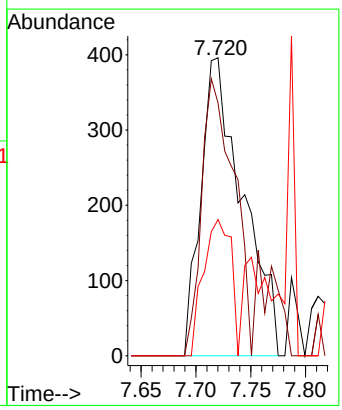


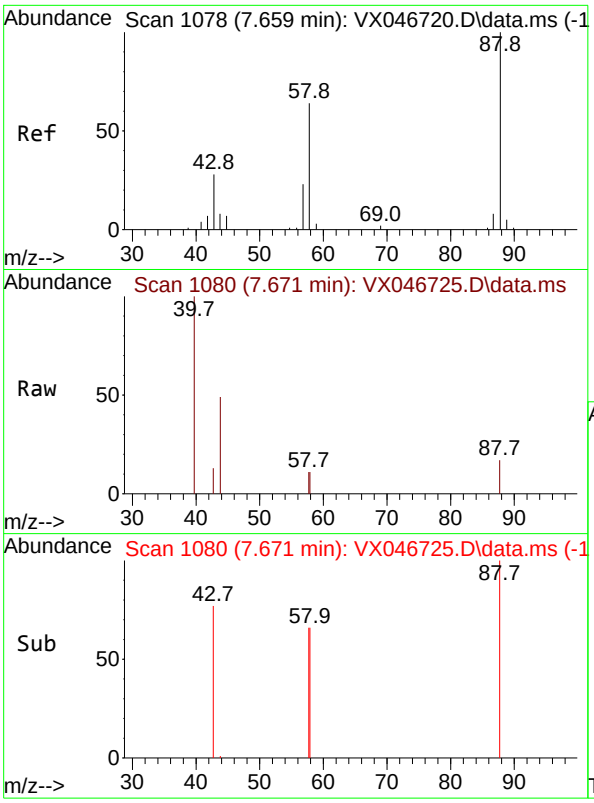


#48
Methyl methacrylate
Concen: 0.671 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.024 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 41 Resp: 1050

Ion	Ratio	Lower	Upper
41	100		
69	71.8	63.4	95.2
39	30.3	45.4	68.0#



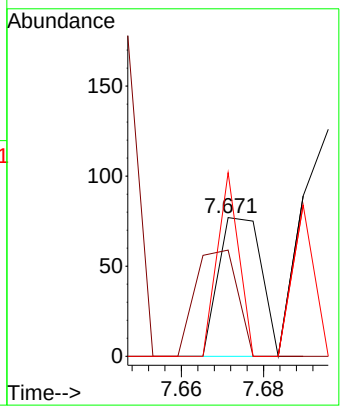


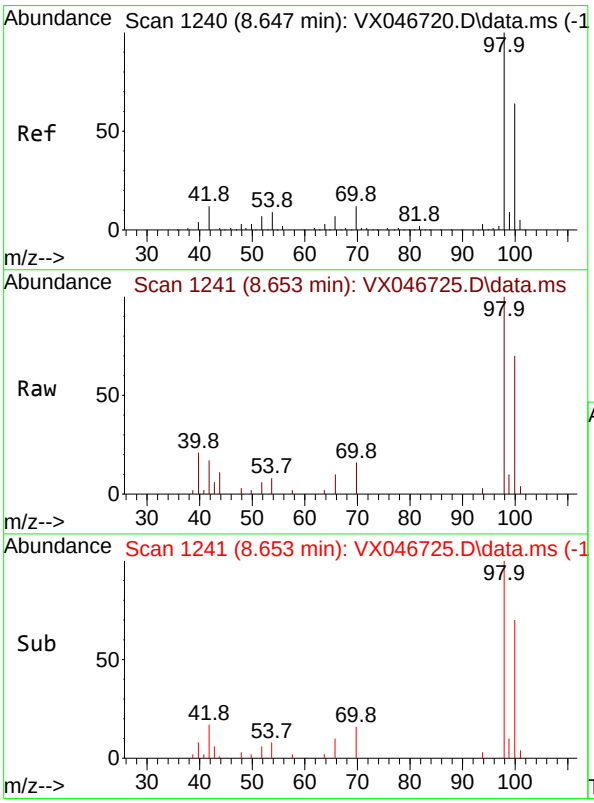
#49
1,4-Dioxane
Concen: 28.694 ug/l
RT: 7.671 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 88 Resp: 56

Ion	Ratio	Lower	Upper
88	100		
43	75.0	31.2	46.8#
58	66.1	54.7	82.1

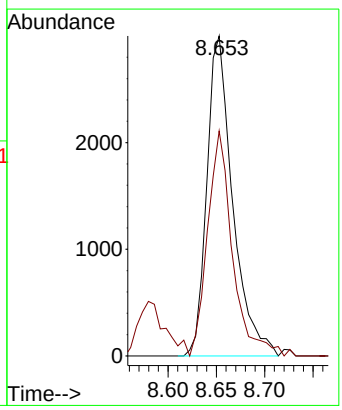


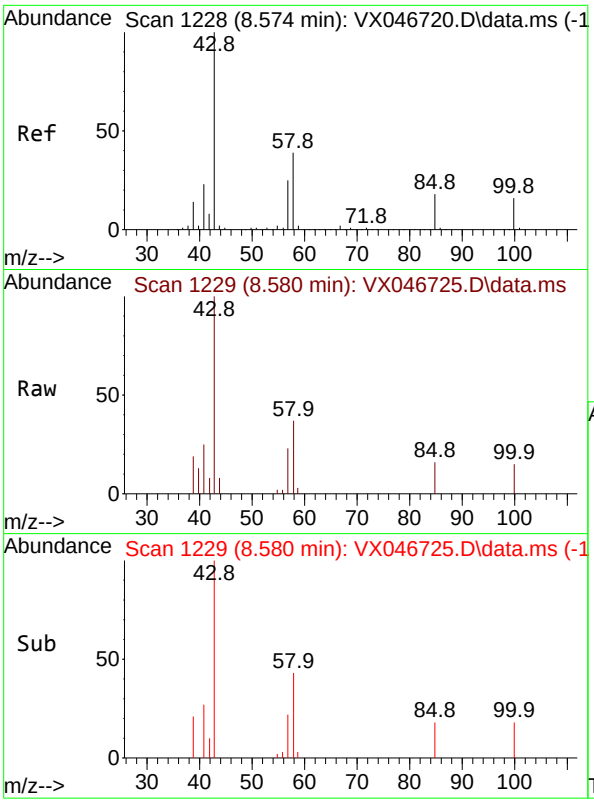


#50
Toluene-d8
Concen: 1.035 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 98 Resp: 5563

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.4



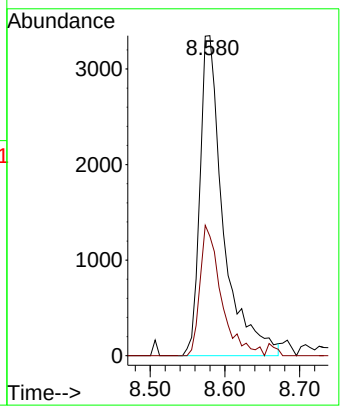


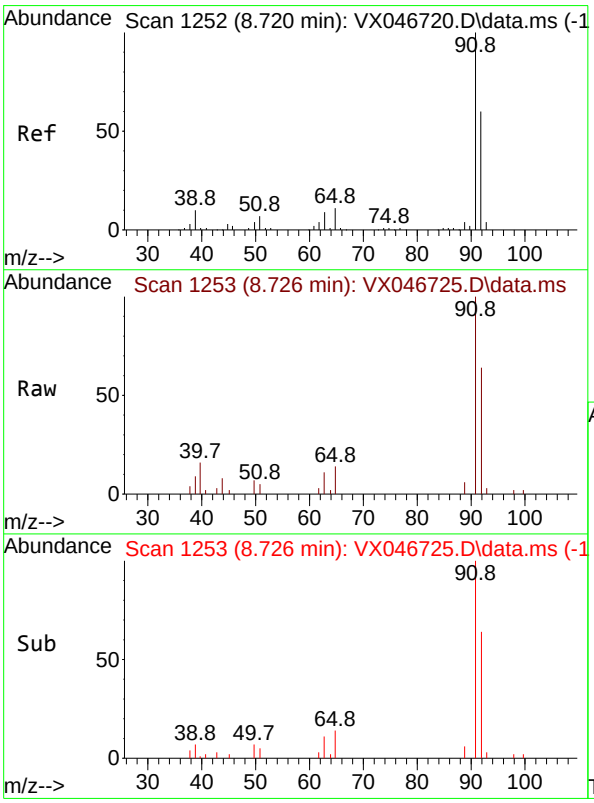
#51
4-Methyl-2-Pentanone
Concen: 3.910 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 7273

Ion	Ratio	Lower	Upper
43	100		
58	36.9	30.8	46.2

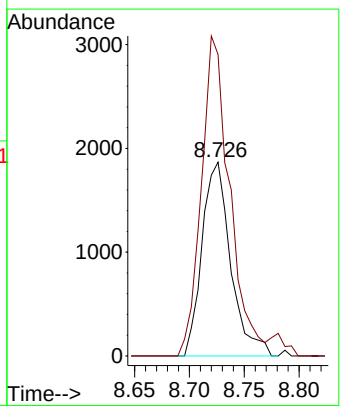


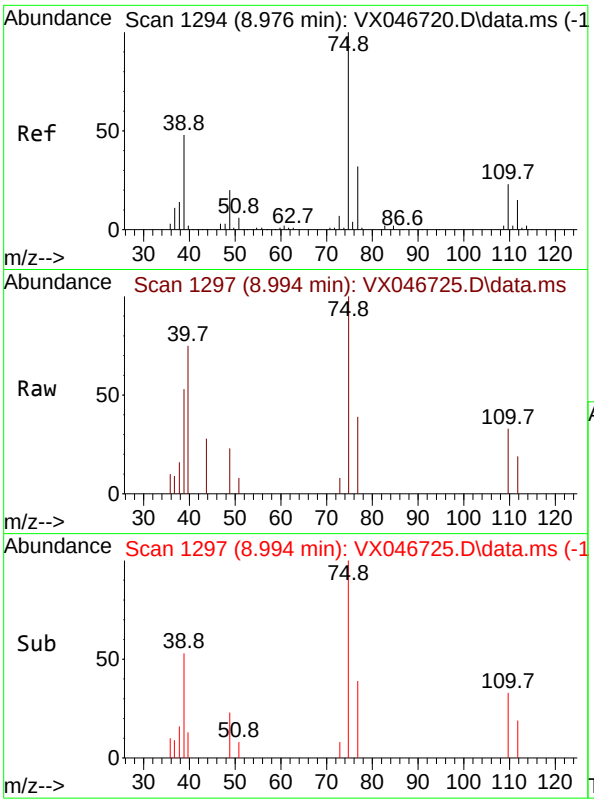


#52
Toluene
Concen: 0.856 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 92 Resp: 3393

Ion	Ratio	Lower	Upper
92	100		
91	163.1	134.8	202.2



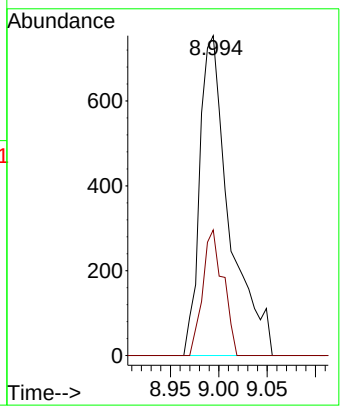


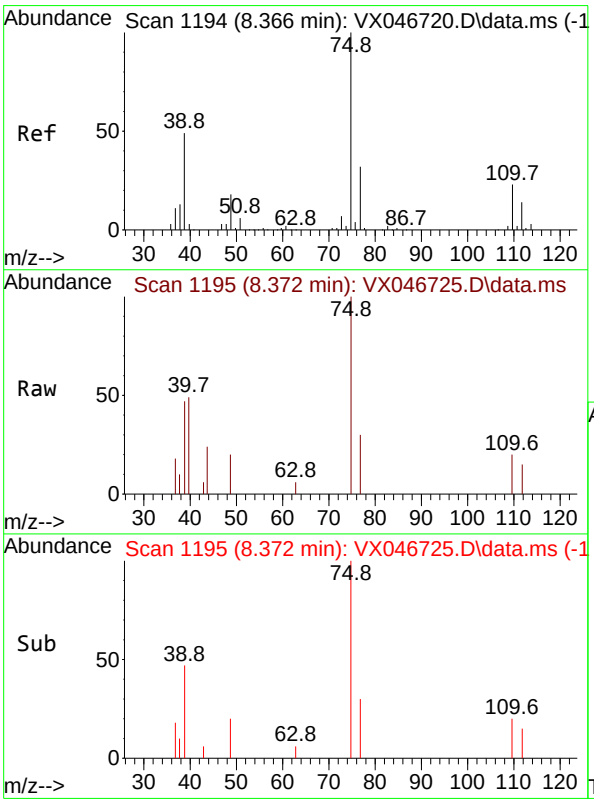
#53
t-1,3-Dichloropropene
Concen: 0.746 ug/l
RT: 8.994 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 1607

Ion	Ratio	Lower	Upper
75	100		
77	39.3	25.6	38.4#

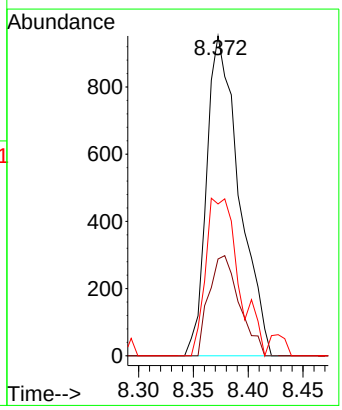


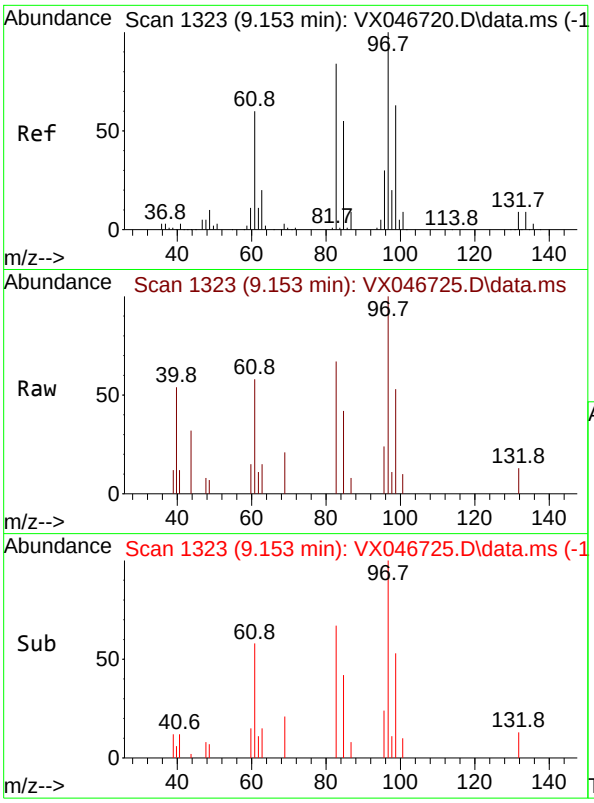


#54
cis-1,3-Dichloropropene
Concen: 0.806 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 75 Resp: 1971

Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.3	37.9
39	96.1	39.2	58.8#



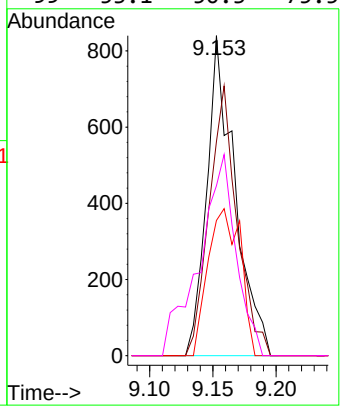


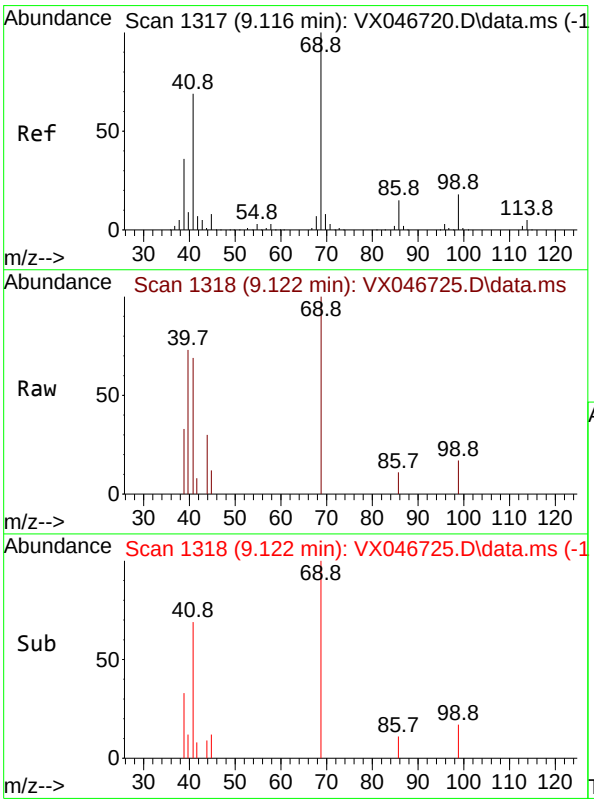
#55
1,1,2-Trichloroethane
Concen: 0.878 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 1297

Ion	Ratio	Lower	Upper
97	100		
83	66.9	67.2	100.8#
85	42.3	44.1	66.1#
99	53.1	50.3	75.5

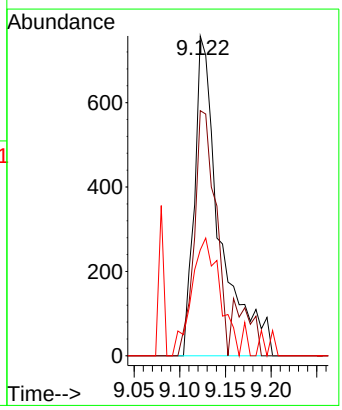


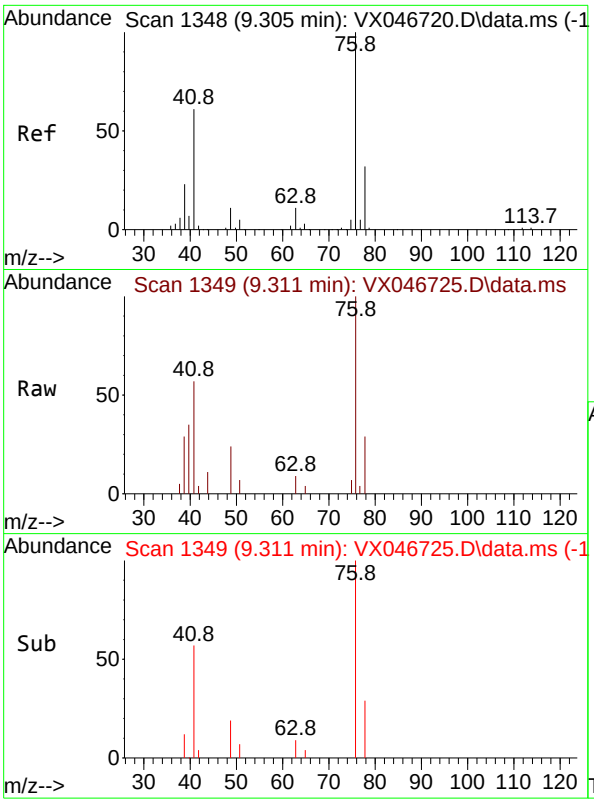


#56
Ethyl methacrylate
Concen: 0.678 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 69 Resp: 1477

Ion	Ratio	Lower	Upper
69	100		
41	63.2	55.4	83.2
39	41.0	29.7	44.5



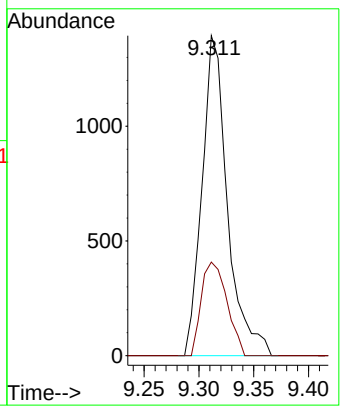


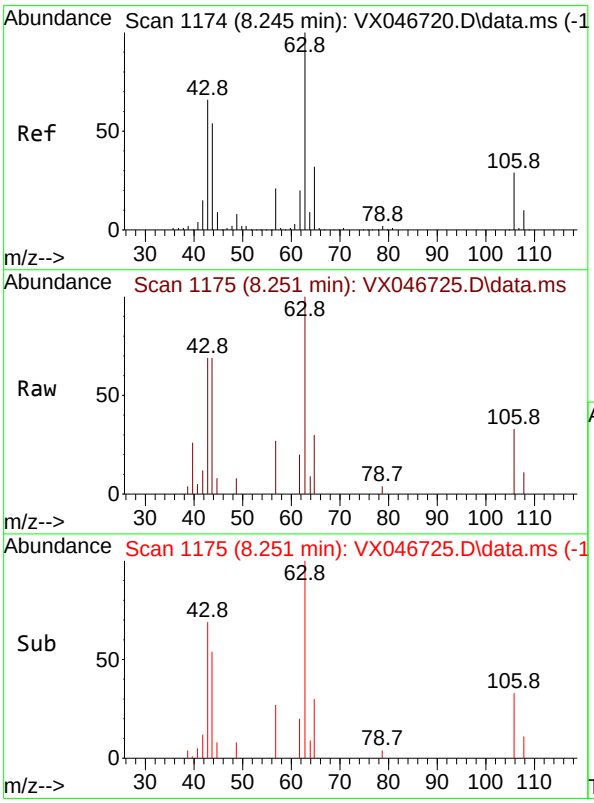
#57
1,3-Dichloropropane
Concen: 0.885 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 2249

Ion	Ratio	Lower	Upper
76	100		
78	29.5	25.7	38.5

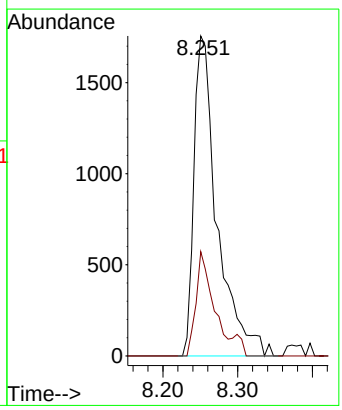


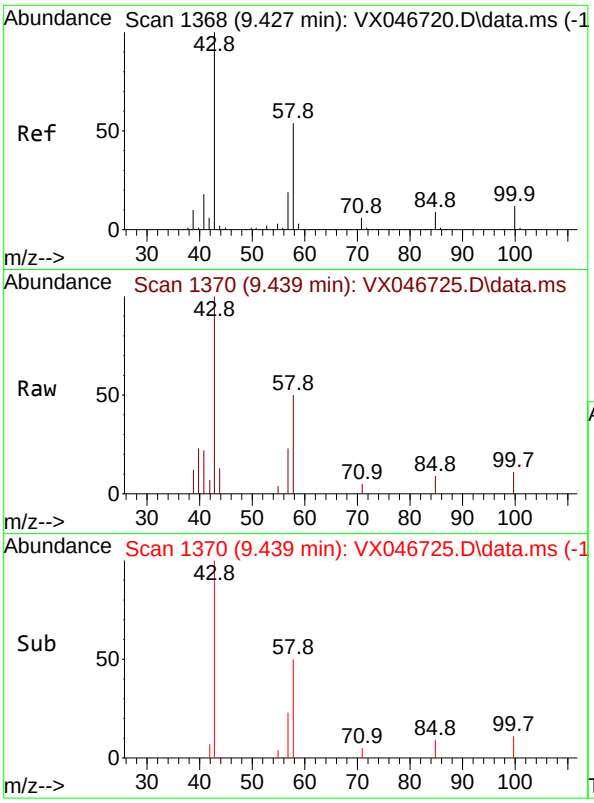


#58
2-Chloroethyl Vinyl ether
Concen: 3.337 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 63 Resp: 3778

Ion	Ratio	Lower	Upper
63	100		
106	24.2	22.6	34.0



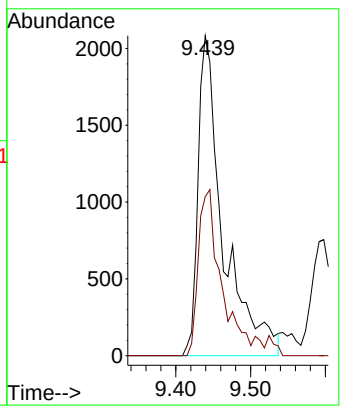


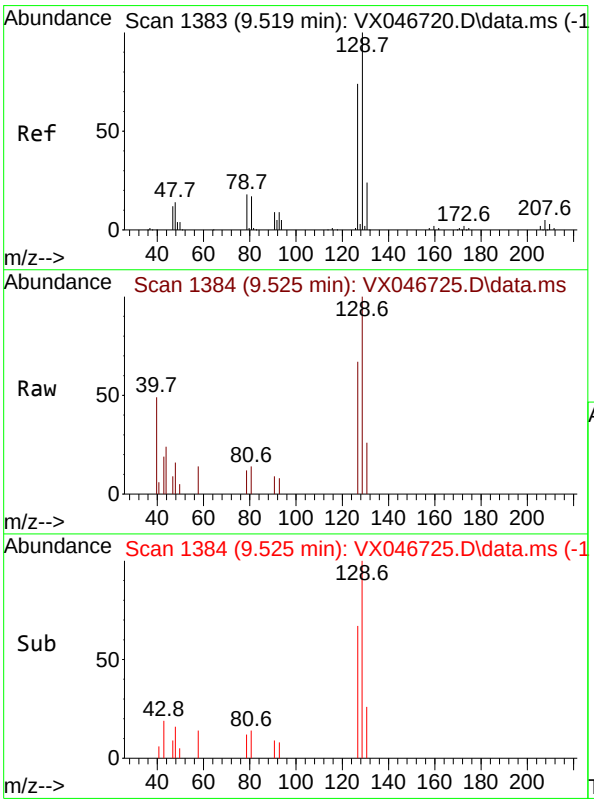
#59
2-Hexanone
Concen: 3.758 ug/l
RT: 9.439 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 4833

Ion	Ratio	Lower	Upper
43	100		
58	49.0	26.8	80.4

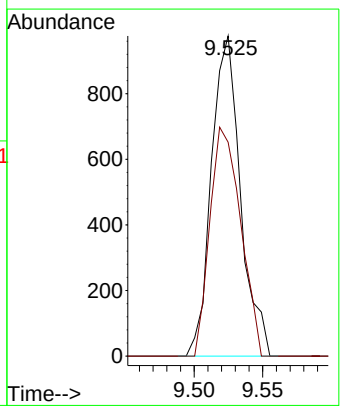


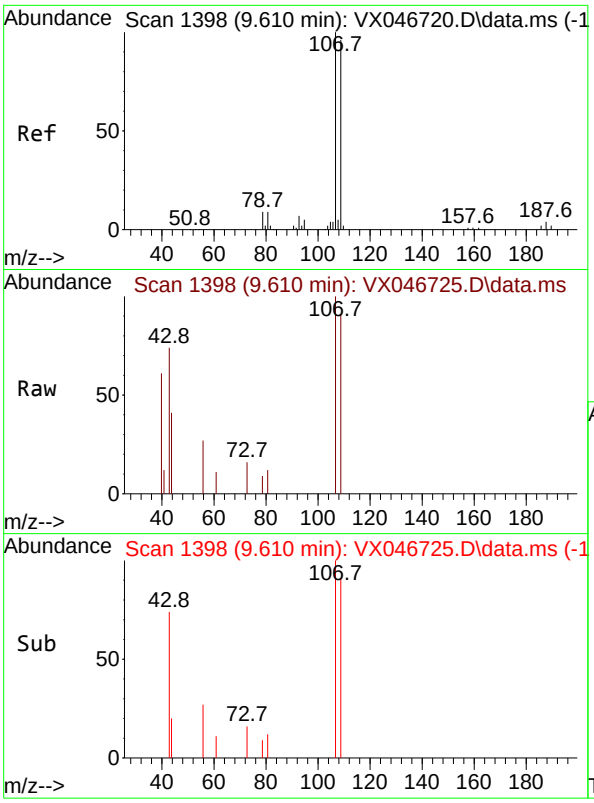


#60
Dibromochloromethane
Concen: 0.825 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:129 Resp: 1436

Ion	Ratio	Lower	Upper
129	100		
127	75.8	38.4	115.2



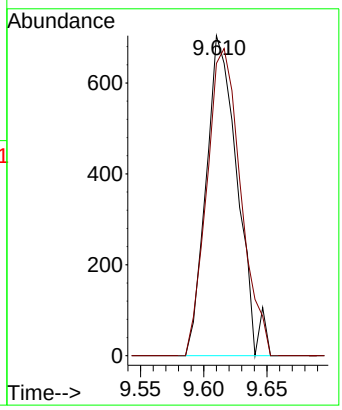


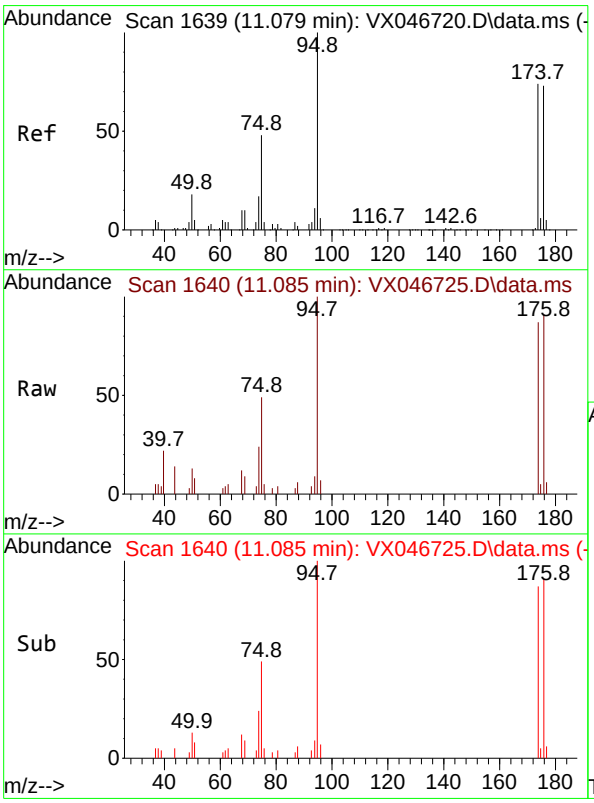
#61
1,2-Dibromoethane
Concen: 0.805 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 1209

Ion	Ratio	Lower	Upper
107	100		
109	104.6	75.8	113.6

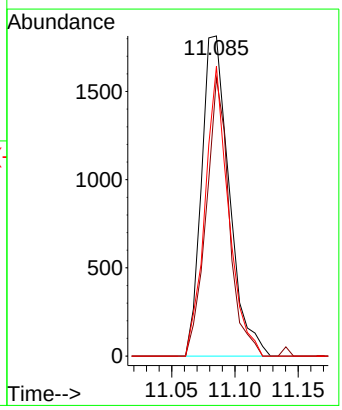


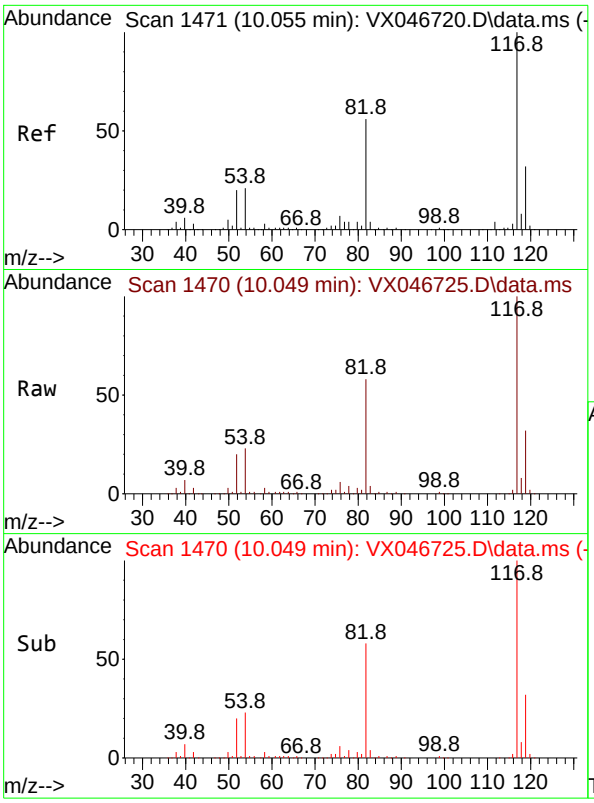


#62
4-Bromofluorobenzene
Concen: 1.379 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 95 Resp: 2763

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	150.4
176	77.1	0.0	145.0



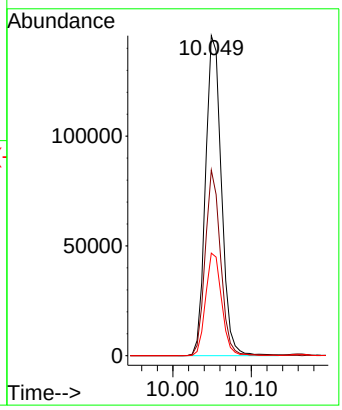


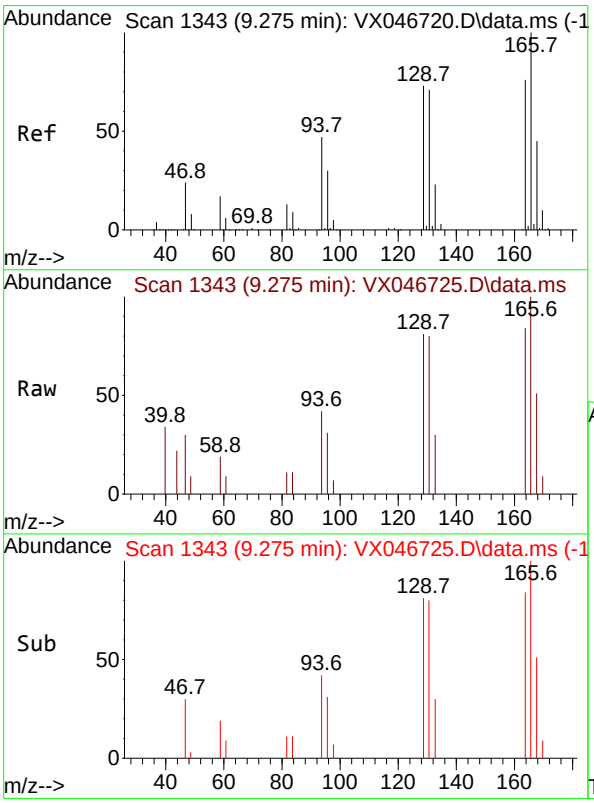
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 205370

Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.6	66.8
119	32.1	25.8	38.8

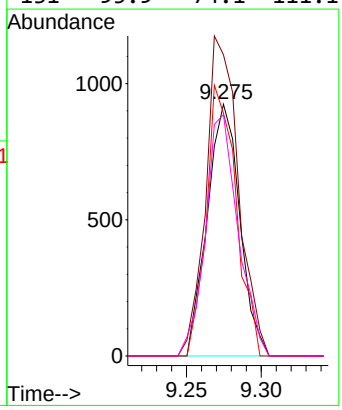


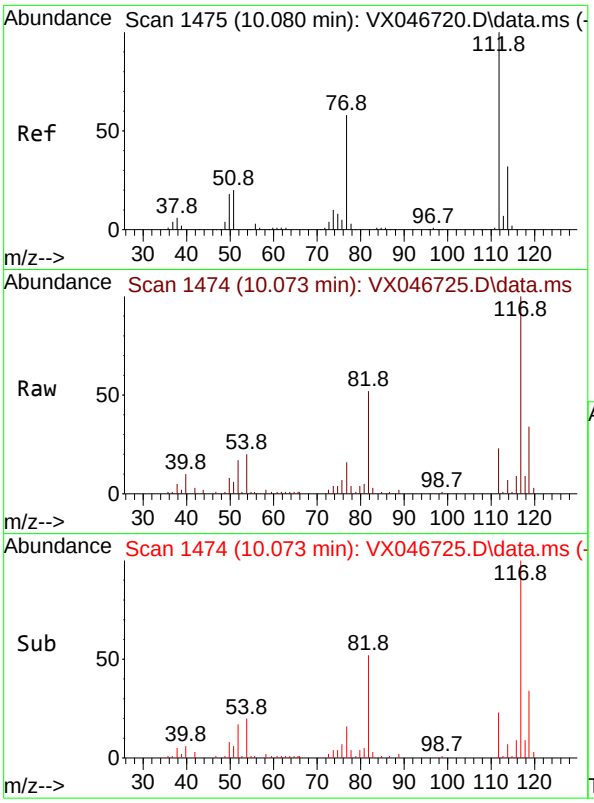


#64
Tetrachloroethene
Concen: 0.983 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:164 Resp: 1399

Ion	Ratio	Lower	Upper
164	100		
166	119.7	104.6	157.0
129	96.4	76.3	114.5
131	95.9	74.1	111.1



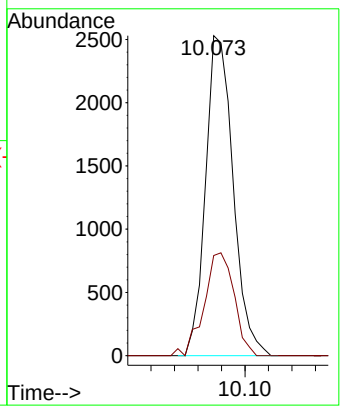


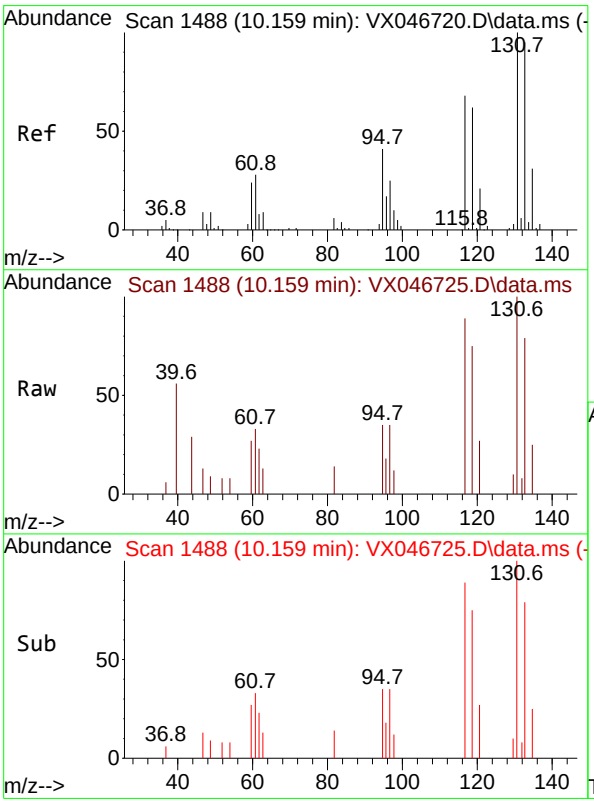
#65
Chlorobenzene
Concen: 0.910 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 4127

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.5	38.3

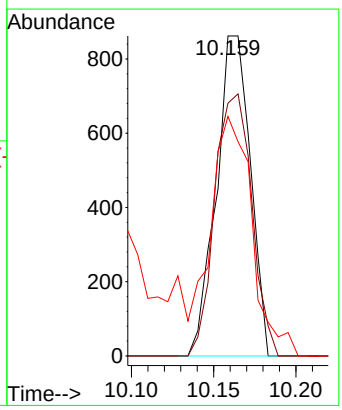


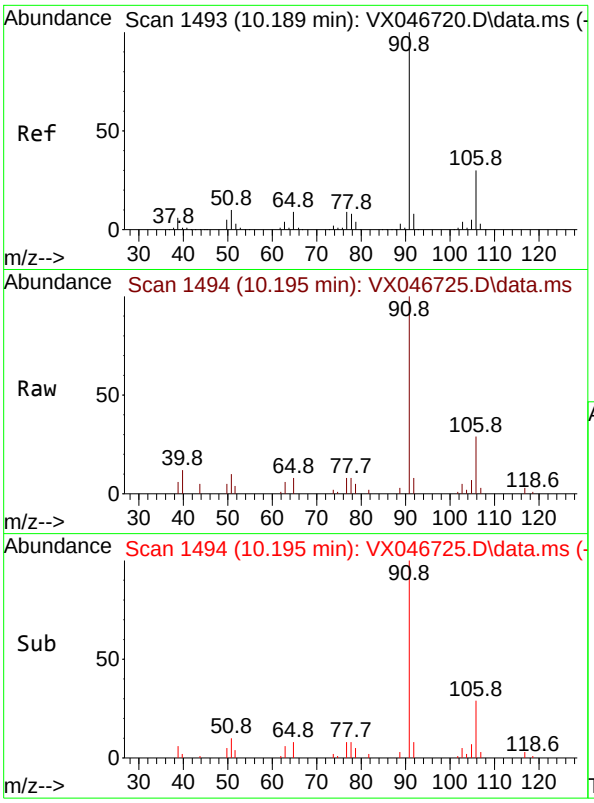


#66
1,1,1,2-Tetrachloroethane
Concen: 0.815 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:131 Resp: 1242

Ion	Ratio	Lower	Upper
131	100		
133	89.0	47.3	141.8
119	0.0	32.1	96.3#



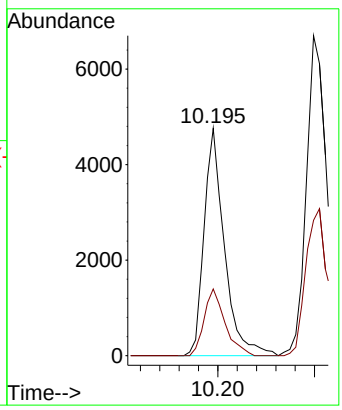


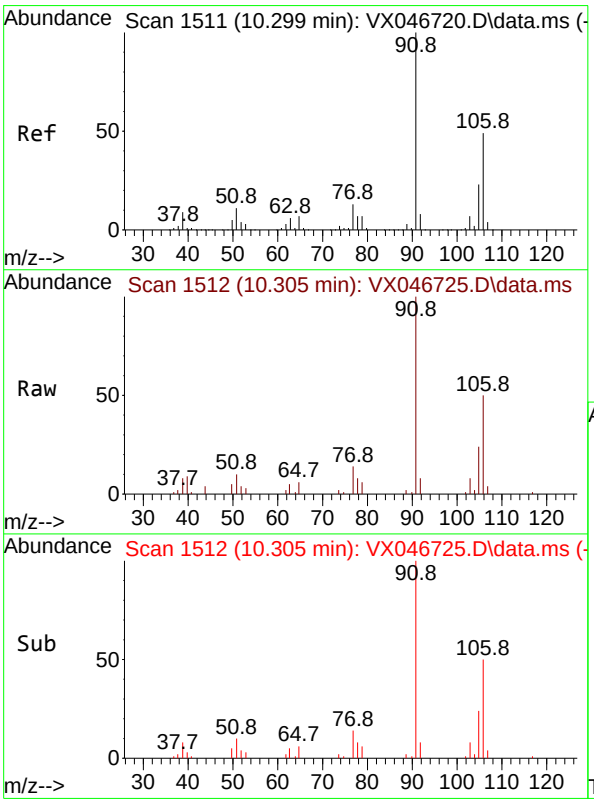
#67
Ethyl Benzene
Concen: 0.880 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 6967

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.2	36.2

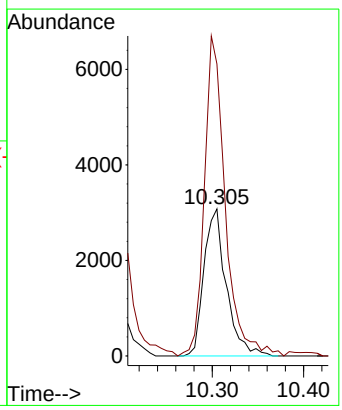


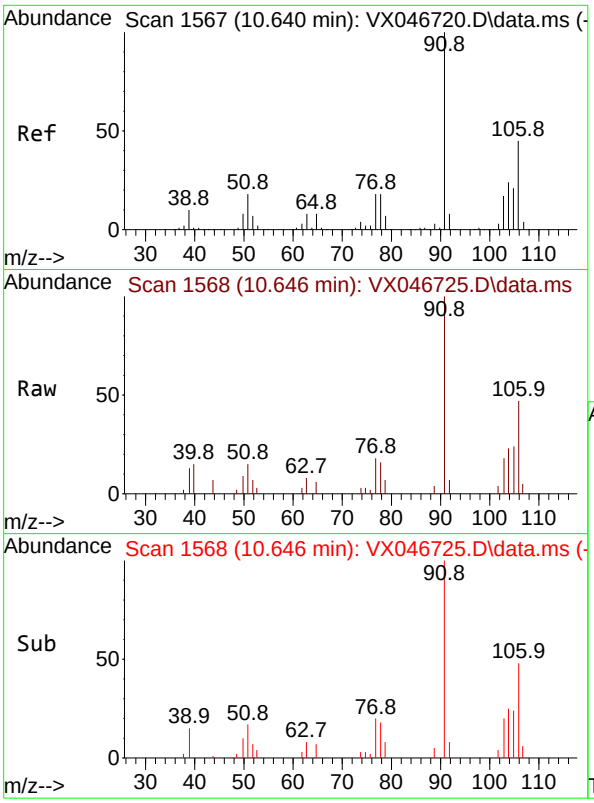


#68
m/p-Xylenes
Concen: 1.767 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:106 Resp: 5214

Ion	Ratio	Lower	Upper
106	100		
91	202.7	164.8	247.2



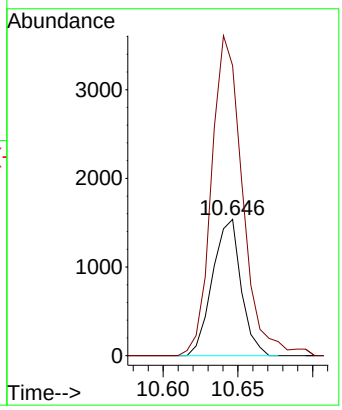


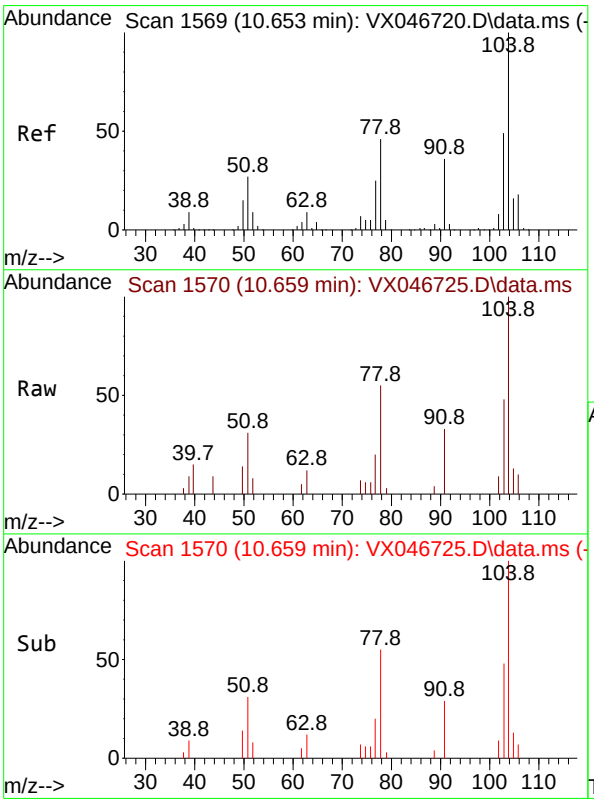
#69
o-Xylene
Concen: 0.739 ug/l
RT: 10.646 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 2045

Ion	Ratio	Lower	Upper
106	100		
91	255.0	111.3	333.9

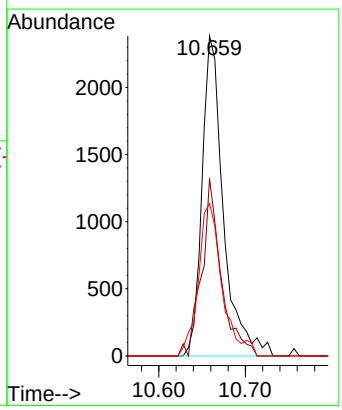


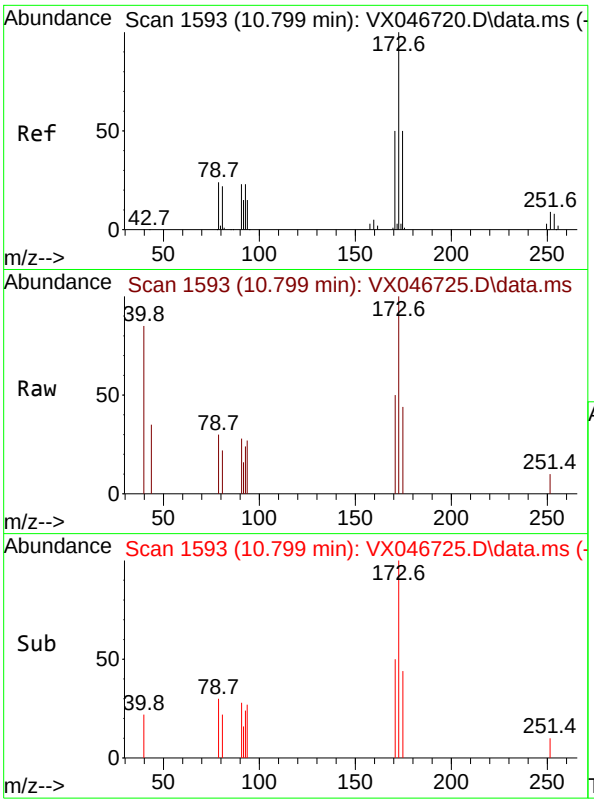


#70
Styrene
Concen: 0.842 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:104 Resp: 4077

Ion	Ratio	Lower	Upper
104	100		
78	50.7	41.4	62.2
103	52.8	43.1	64.7



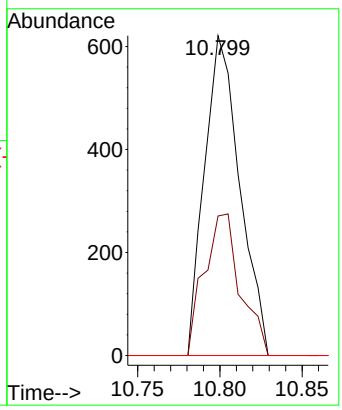


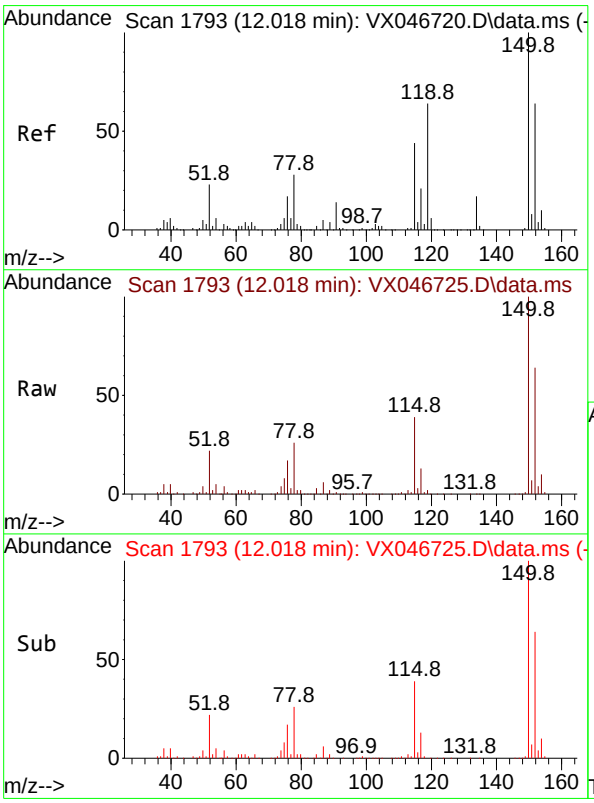
#71
Bromoform
Concen: 0.799 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 927

Ion	Ratio	Lower	Upper
173	100		
175	45.4	24.1	72.4
254	0.0	0.1	0.1#

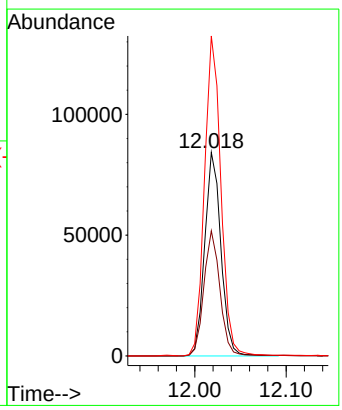


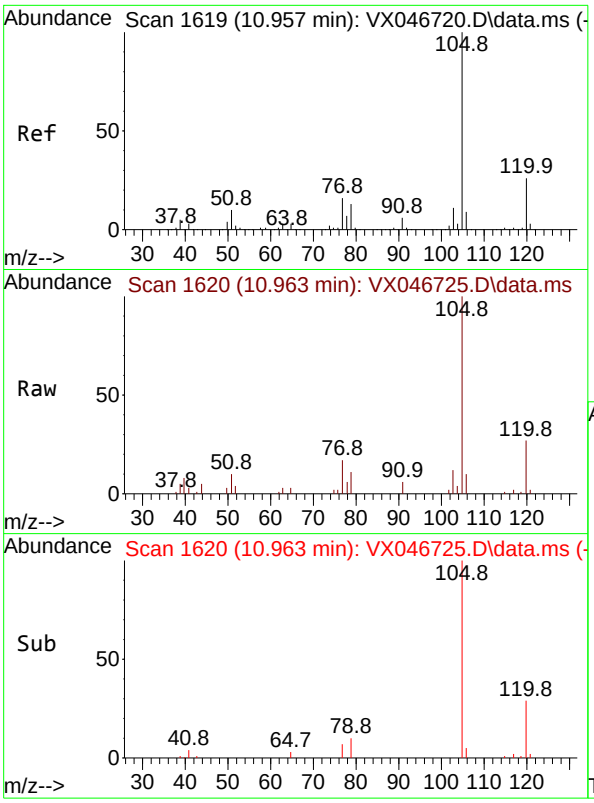


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:152 Resp: 103593

Ion	Ratio	Lower	Upper
152	100		
115	61.3	43.2	129.6
150	159.2	0.0	346.8



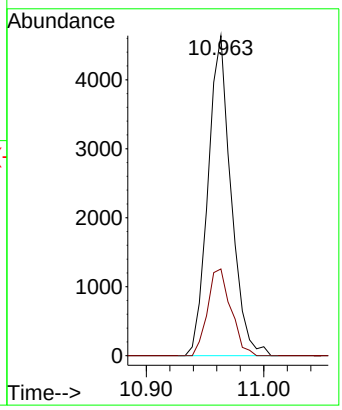


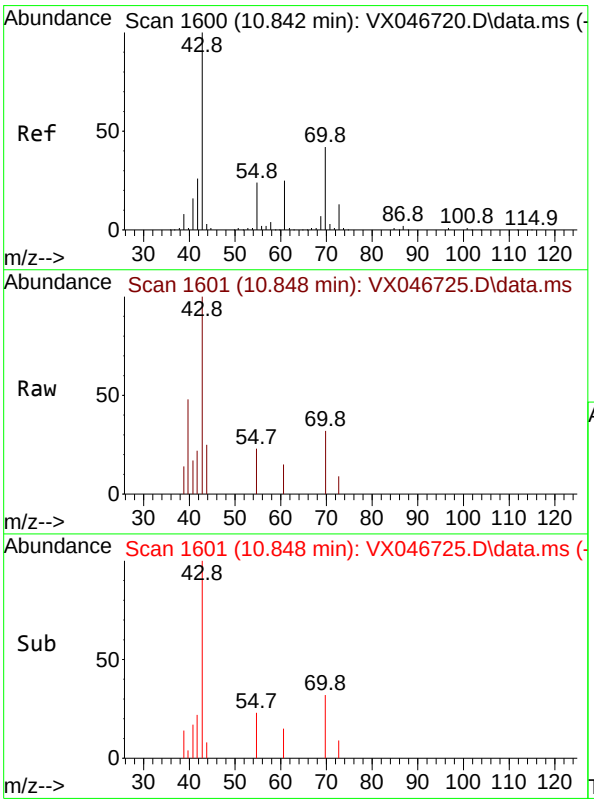
#73
Isopropylbenzene
Concen: 0.828 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 6314

Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.0	39.0

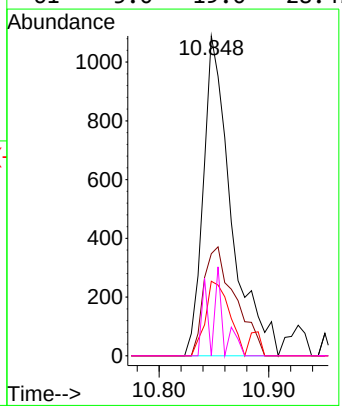


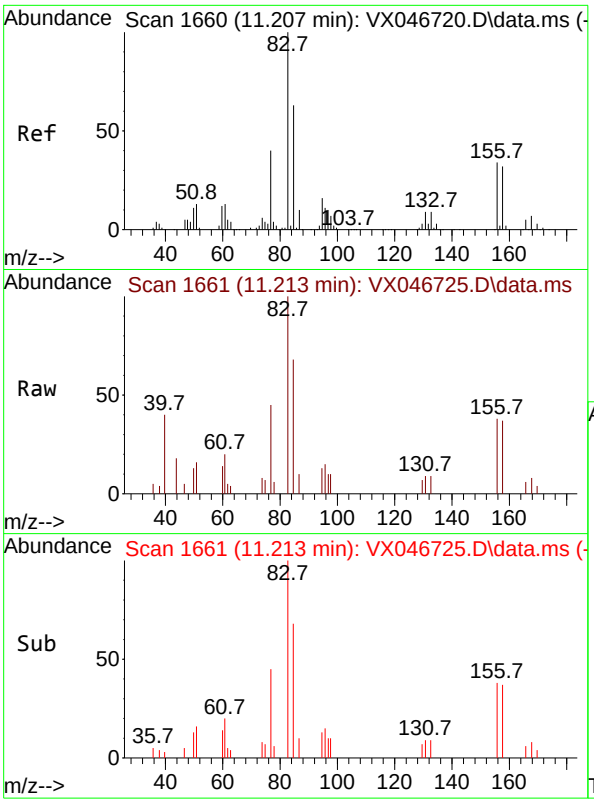


#74
N-amyl acetate
Concen: 0.665 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 43 Resp: 1921

Ion	Ratio	Lower	Upper
43	100		
70	38.4	33.4	50.0
55	20.1	19.1	28.7
61	5.0	19.0	28.4#



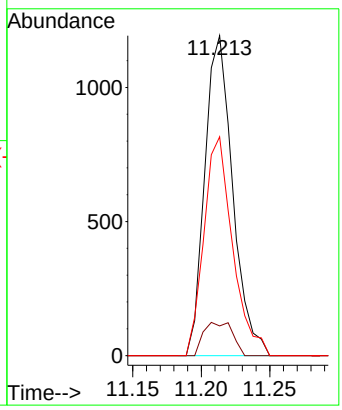


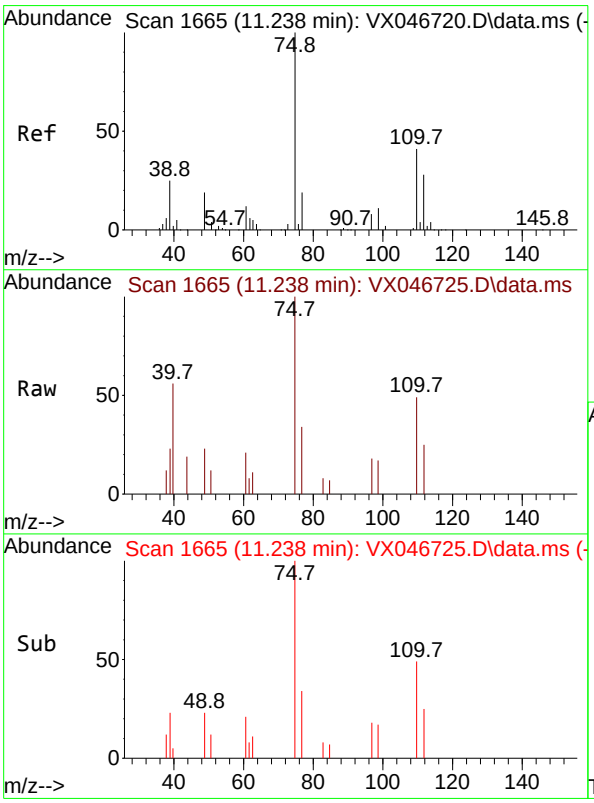
#75
1,1,2,2-Tetrachloroethane
Concen: 0.793 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 1690

Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.9	14.6
85	70.3	32.0	96.0

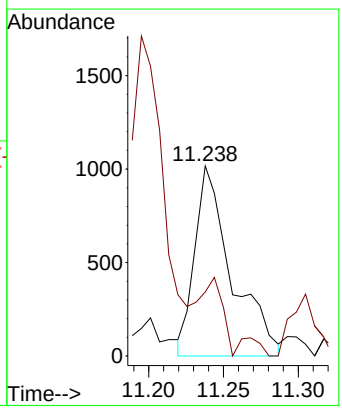


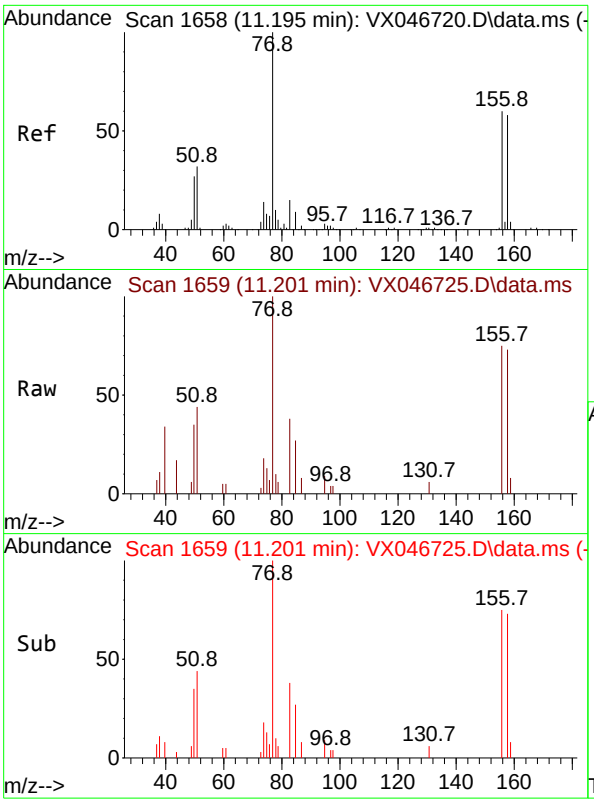


#76
1,2,3-Trichloropropane
Concen: 0.830 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 75 Resp: 1746

Ion	Ratio	Lower	Upper
75	100		
77	23.4	18.5	55.5



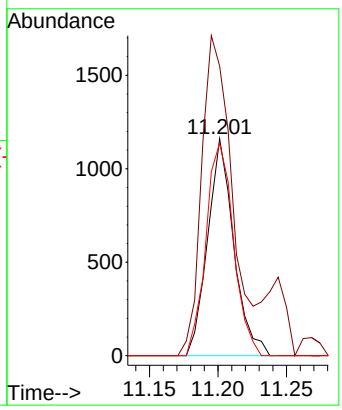


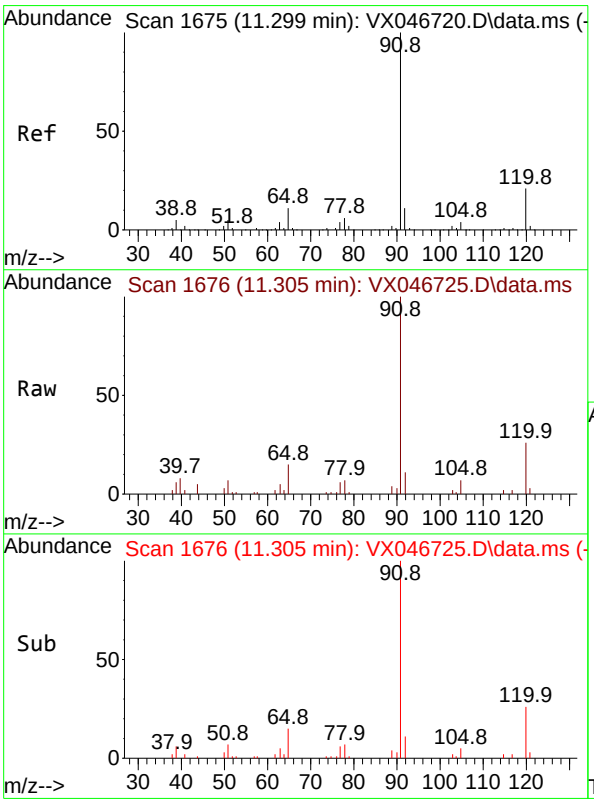
#77
Bromobenzene
Concen: 0.839 ug/l
RT: 11.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:156 Resp: 1541

Ion	Ratio	Lower	Upper
156	100		
77	169.3	82.8	248.6
158	103.2	47.6	142.9

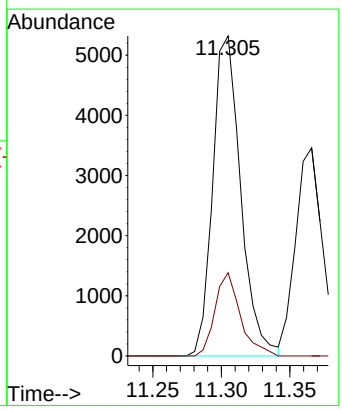


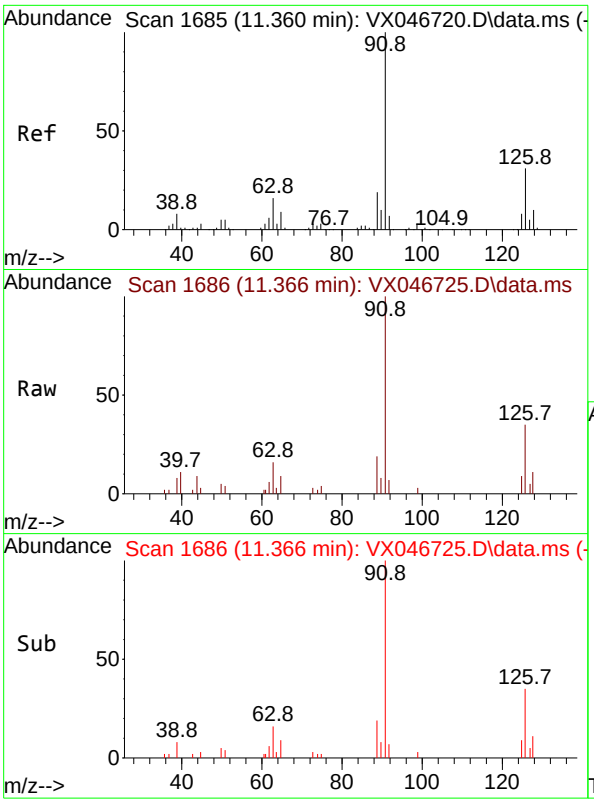


#78
n-propylbenzene
Concen: 0.833 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 91 Resp: 7545

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.4	34.1



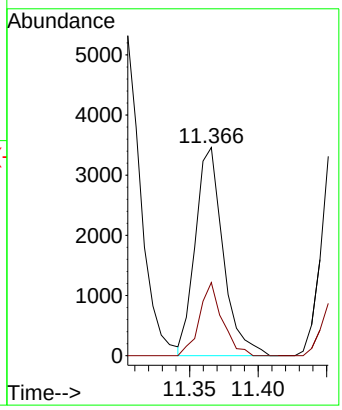


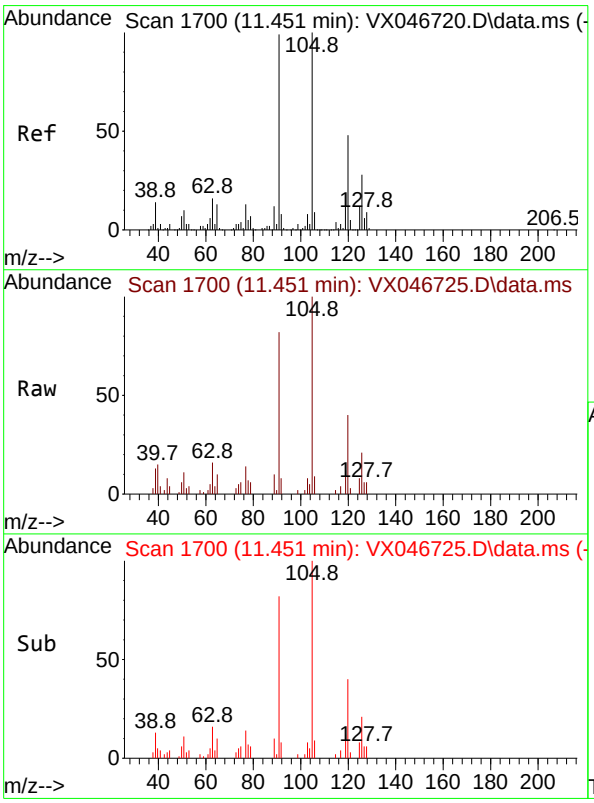
#79
2-Chlorotoluene
Concen: 0.905 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 4896

Ion	Ratio	Lower	Upper
91	100		
126	28.9	16.6	49.7

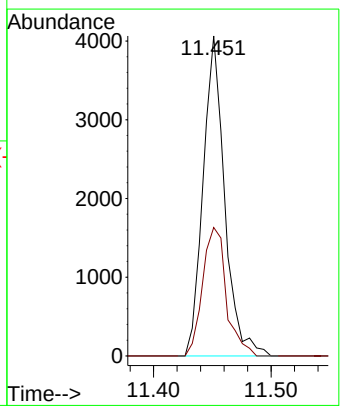


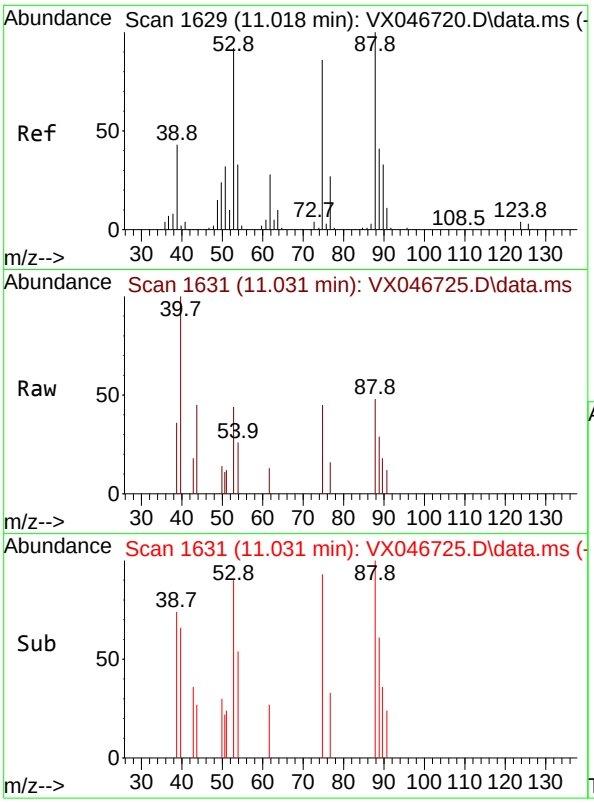


#80
1,3,5-Trimethylbenzene
Concen: 0.825 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:105 Resp: 5174

Ion	Ratio	Lower	Upper
105	100		
120	44.2	24.1	72.2



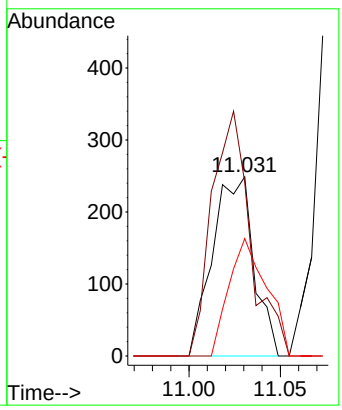


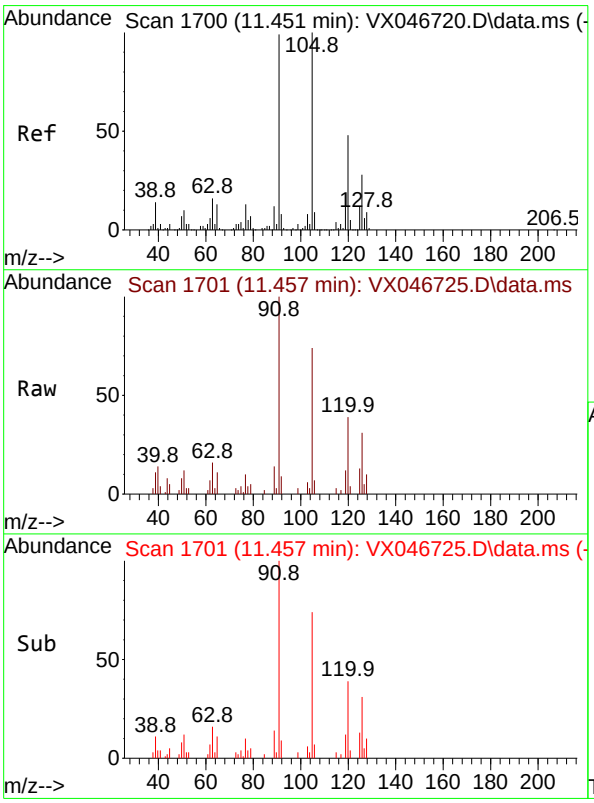
#81
trans-1,4-Dichloro-2-butene
Concen: 0.582 ug/l
RT: 11.031 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 391

Ion	Ratio	Lower	Upper
75	100		
53	127.4	86.8	130.2
89	59.8	36.9	55.3#

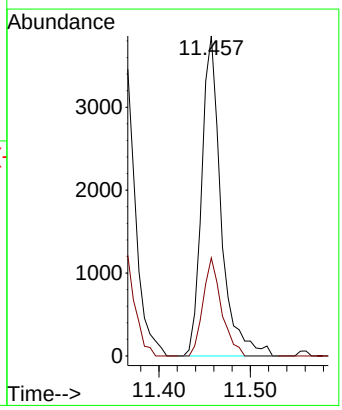


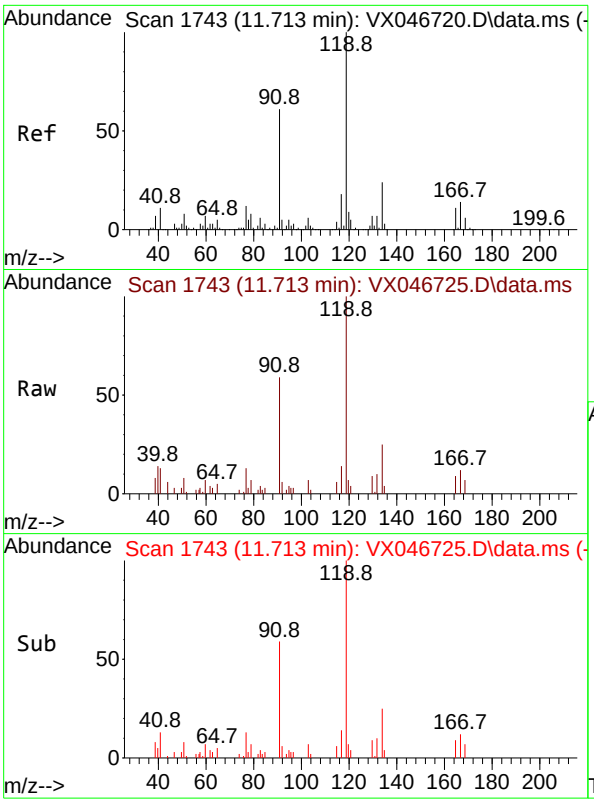


#82
4-Chlorotoluene
Concen: 0.897 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 91 Resp: 5664

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.4	43.2



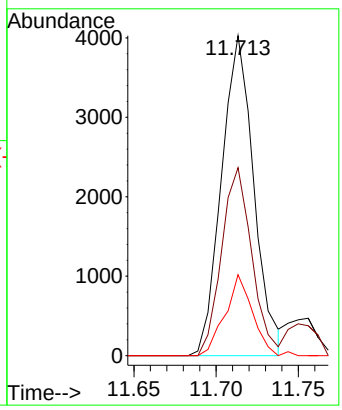


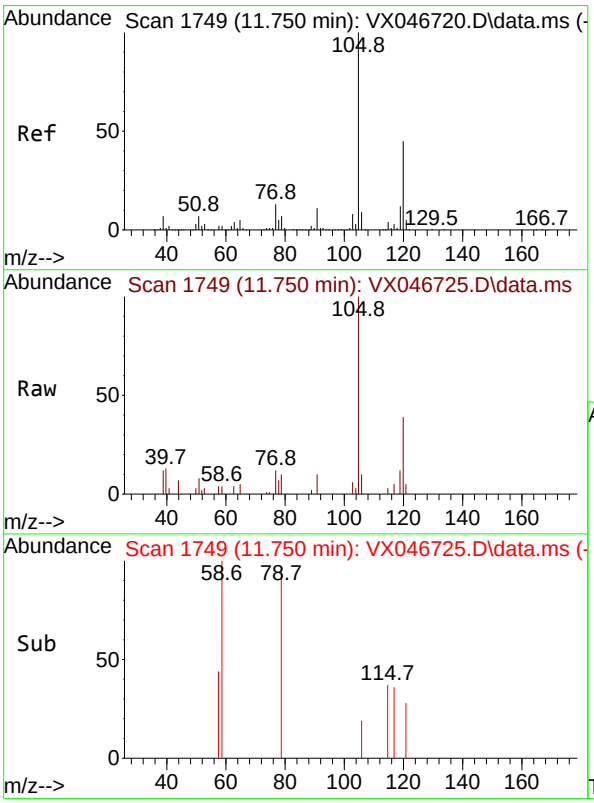
#83
tert-Butylbenzene
Concen: 0.850 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 5507

Ion	Ratio	Lower	Upper
119	100		
91	55.1	29.5	88.6
134	21.6	11.7	35.0

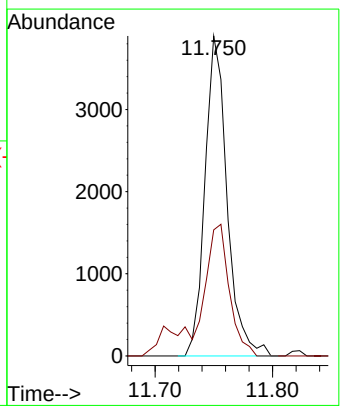


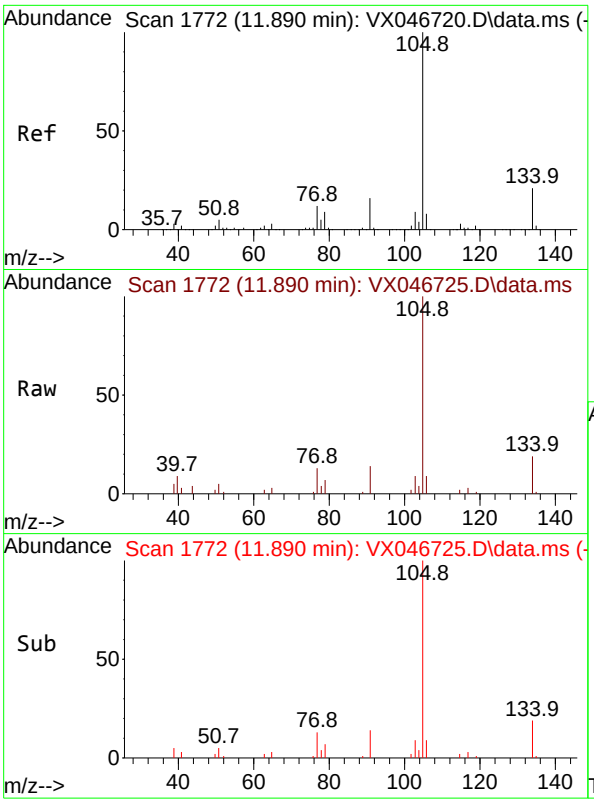


#84
1,2,4-Trimethylbenzene
Concen: 0.808 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:105 Resp: 5087

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.3



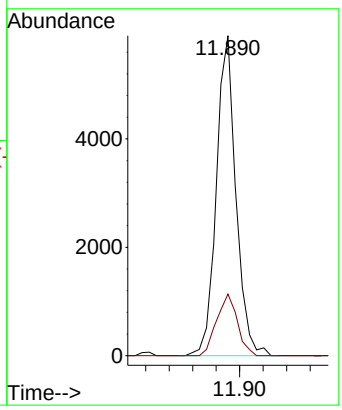


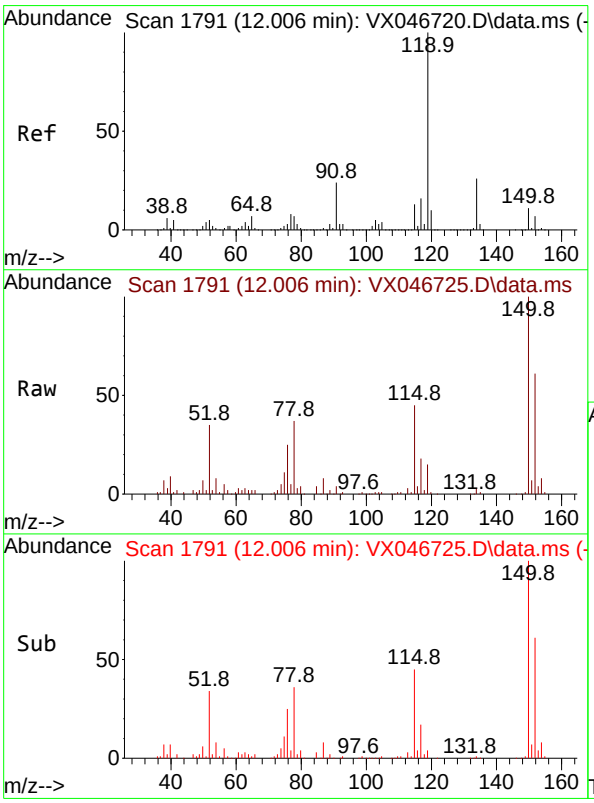
#85
sec-Butylbenzene
Concen: 0.835 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 6839

Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.4

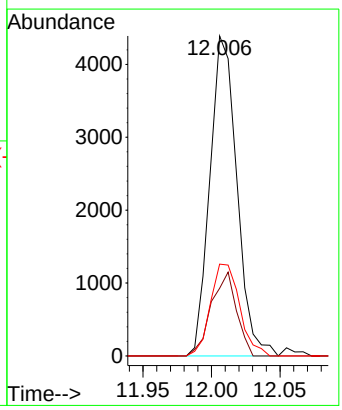


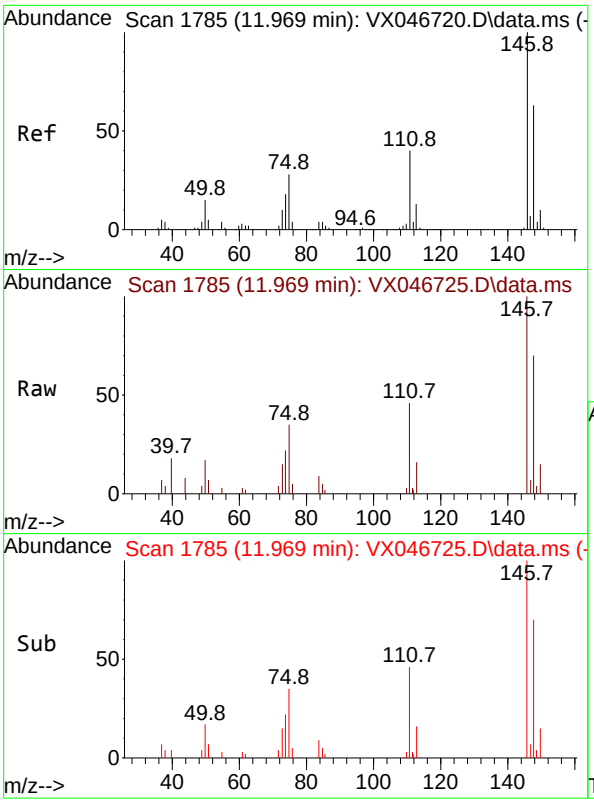


#86
p-Isopropyltoluene
Concen: 0.871 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:119 Resp: 6018

Ion	Ratio	Lower	Upper
119	100		
134	24.5	12.9	38.7
91	31.1	12.3	36.9



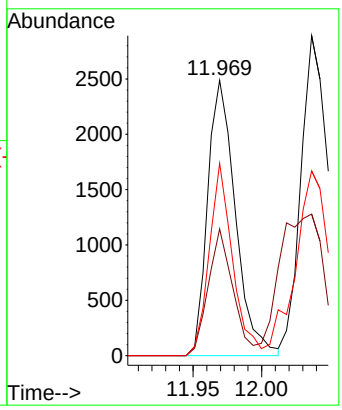


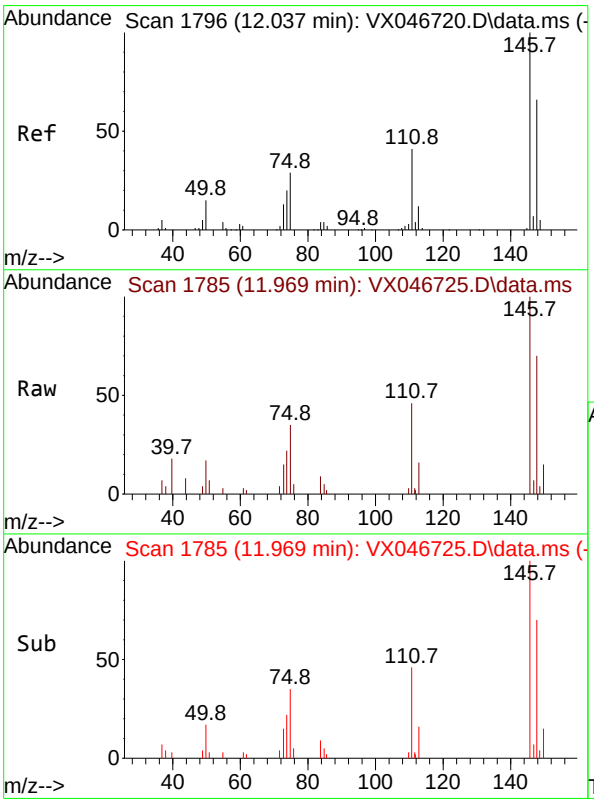
#87
1,3-Dichlorobenzene
Concen: 0.980 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 3509

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	58.8	31.6	94.8

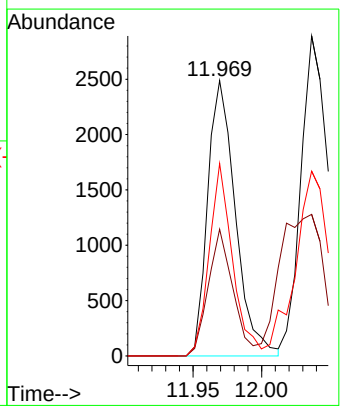


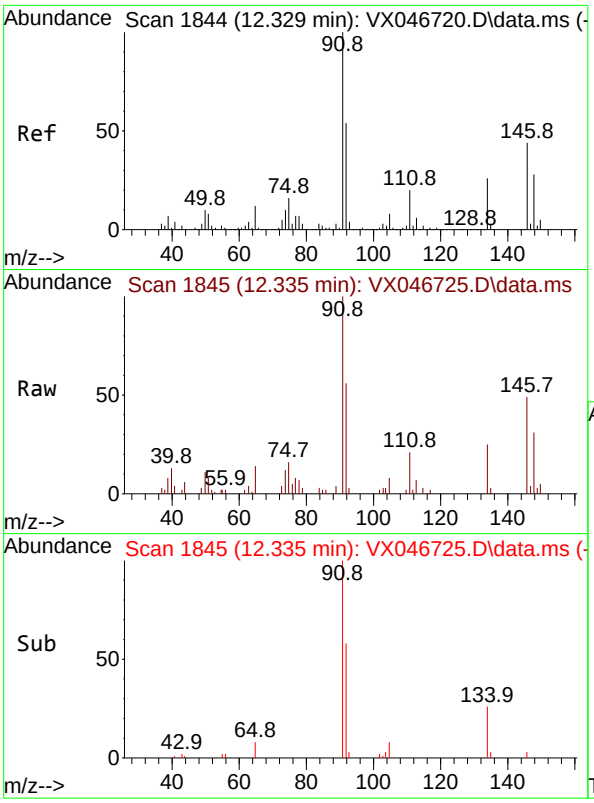


#88
1,4-Dichlorobenzene
Concen: 0.954 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.067 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:146 Resp: 3509

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	58.8	32.1	96.5



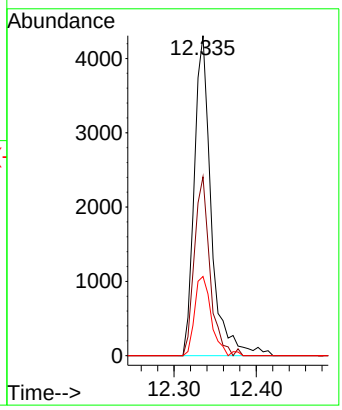


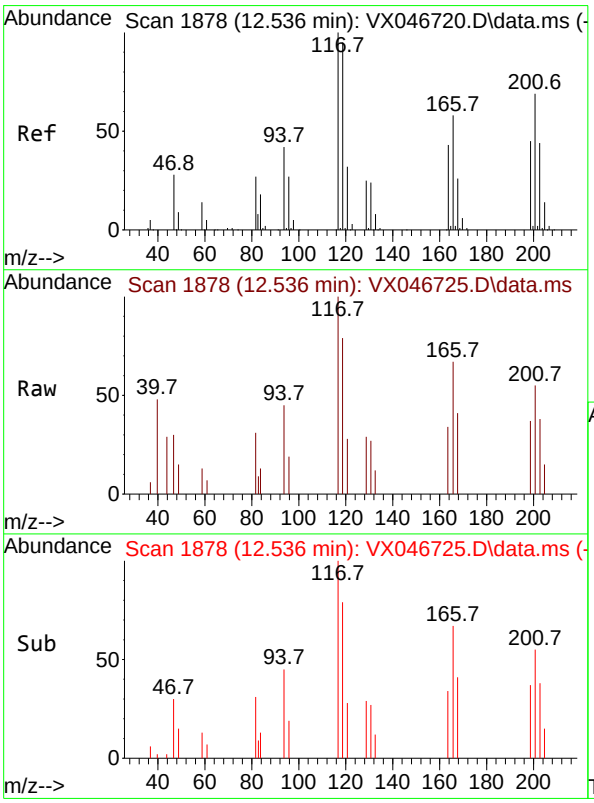
#89
n-Butylbenzene
Concen: 0.943 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 6186

Ion	Ratio	Lower	Upper
91	100		
92	51.3	27.1	81.3
134	24.5	12.9	38.6

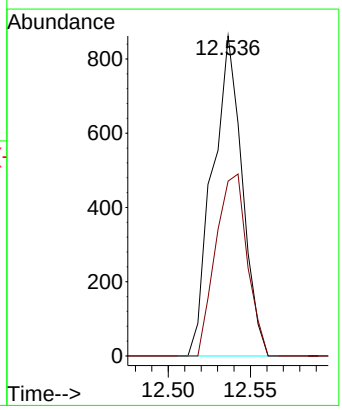


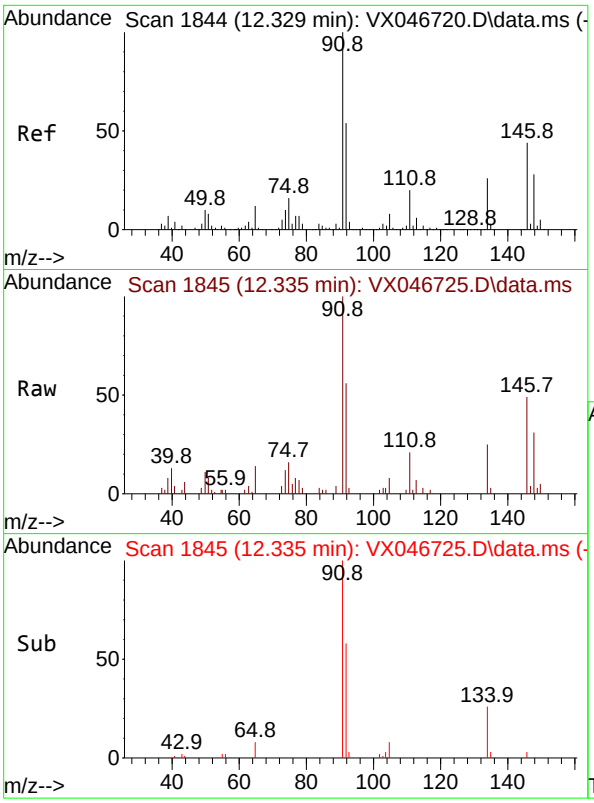


#90
Hexachloroethane
Concen: 0.893 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:117 Resp: 1081

Ion	Ratio	Lower	Upper
117	100		
201	60.5	34.4	103.3



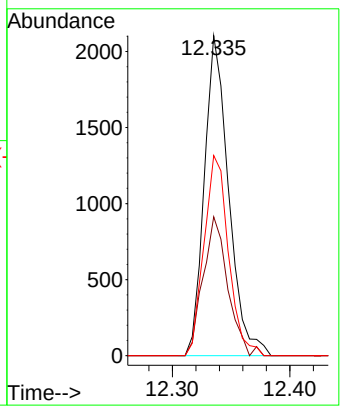


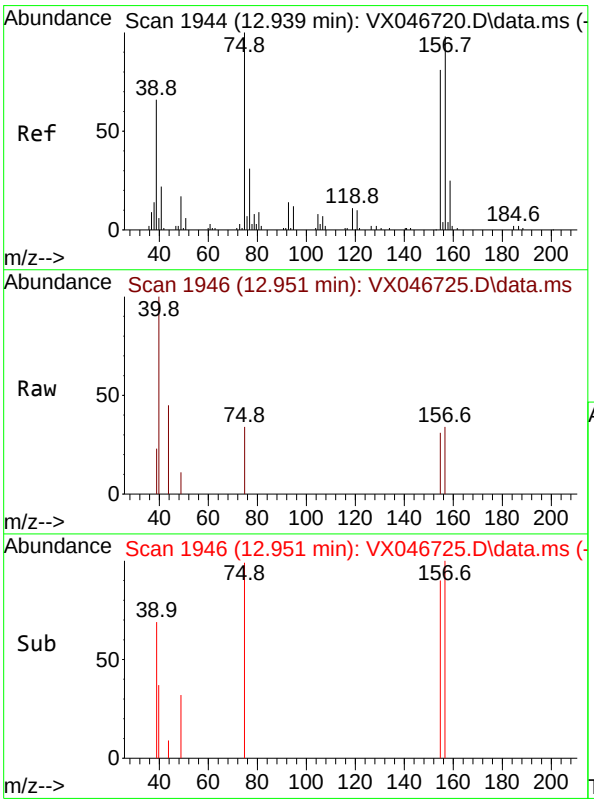
#91
1,2-Dichlorobenzene
Concen: 0.904 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 3024

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.7	65.1
148	63.1	32.0	96.2

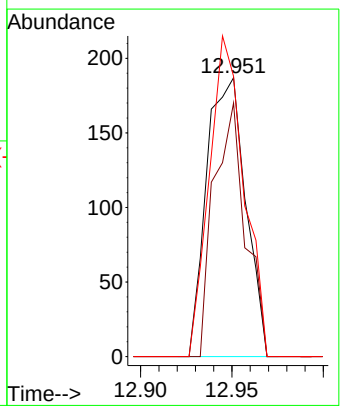


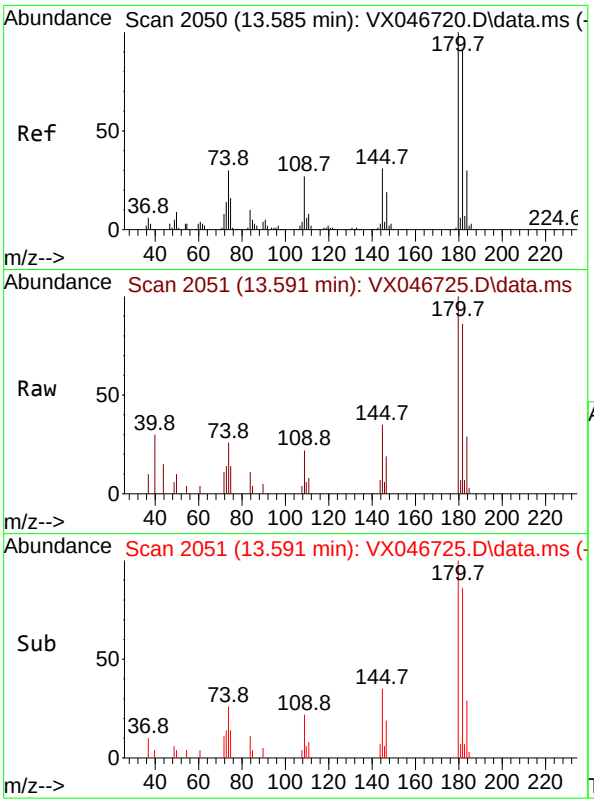


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.659 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.012 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion: 75 Resp: 277

Ion	Ratio	Lower	Upper
75	100		
155	73.6	41.9	125.7
157	102.5	51.4	154.3



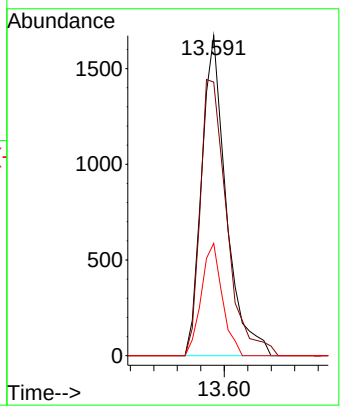


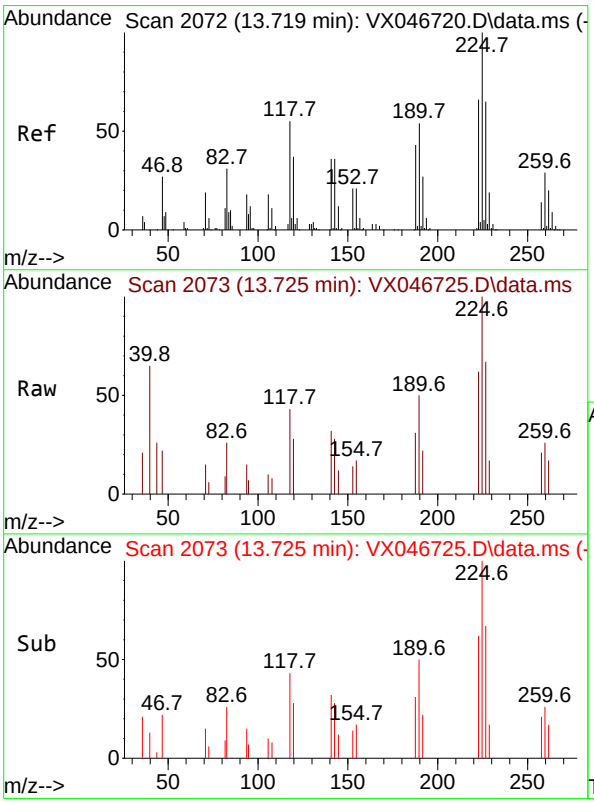
#93
1,2,4-Trichlorobenzene
Concen: 1.019 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 2424

Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.7	140.1
145	30.0	15.8	47.4

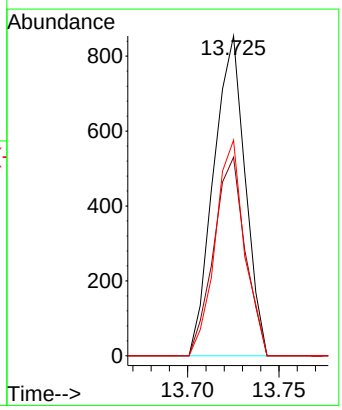


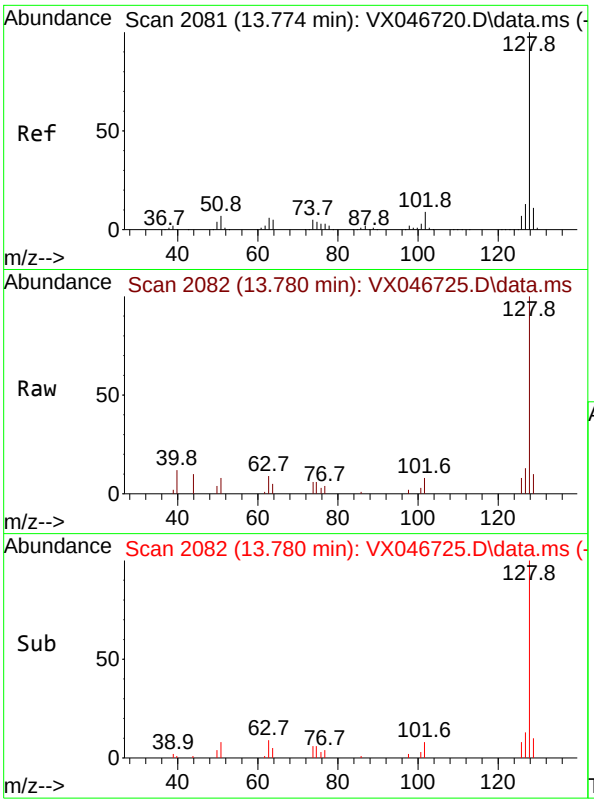


#94
Hexachlorobutadiene
Concen: 1.025 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:225 Resp: 1025

Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.5	97.5
227	62.4	32.2	96.6



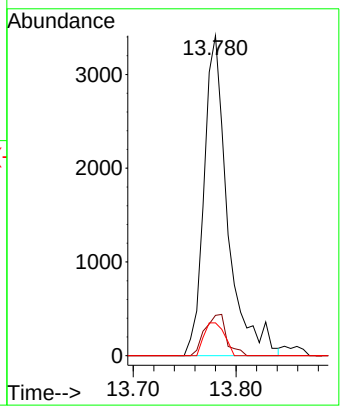


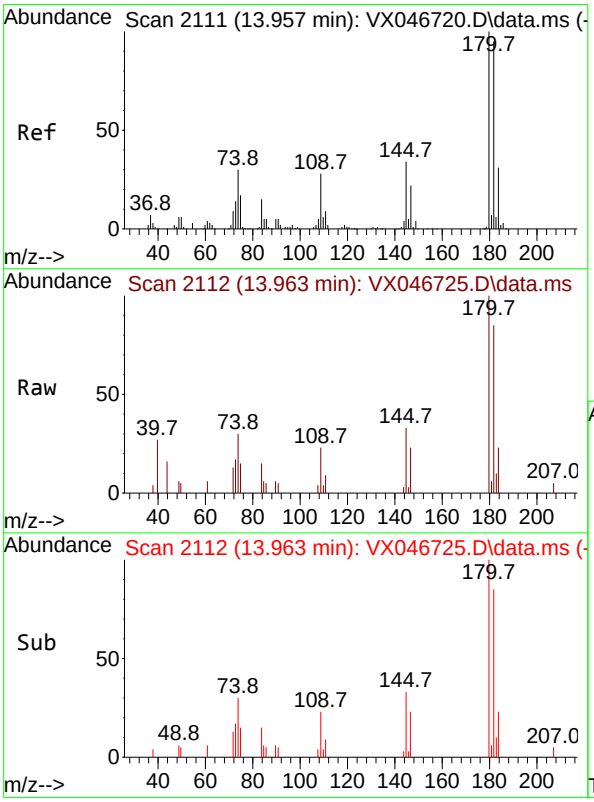
#95
Naphthalene
Concen: 0.806 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 5461

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.1	15.1
129	8.9	8.7	13.1

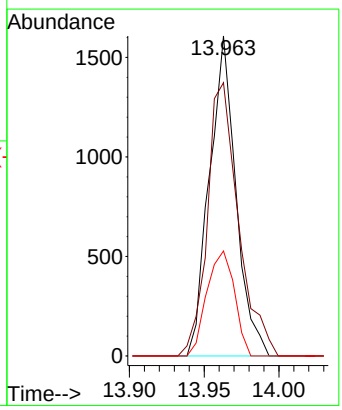




#96
1,2,3-Trichlorobenzene
Concen: 0.871 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046725.D
Acq: 17 Jun 2025 17:18

Tgt Ion:180 Resp: 1982

Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.8	143.4
145	34.1	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:54:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	129144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	209541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81629	45.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.400%			
35) Dibromofluoromethane	5.397	113	66647	48.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.140%			
50) Toluene-d8	8.647	98	236781	47.537	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.080%			
62) 4-Bromofluorobenzene	11.079	95	88588	47.712	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	75554	54.798	ug/l	100
3) Chloromethane	1.307	50	76483	51.393	ug/l	99
4) Vinyl Chloride	1.386	62	82156	51.768	ug/l	95
5) Bromomethane	1.618	94	48957	54.831	ug/l	96
6) Chloroethane	1.703	64	49931	51.911	ug/l	99
7) Trichlorofluoromethane	1.904	101	123768	51.363	ug/l	98
8) Diethyl Ether	2.148	74	42437	51.316	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	75525	51.089	ug/l	99
10) Methyl Iodide	2.465	142	84139	45.861	ug/l	99
11) Tert butyl alcohol	2.959	59	40385	251.888	ug/l	100
12) 1,1-Dichloroethene	2.337	96	74097	51.945	ug/l	99
13) Acrolein	2.246	56	59544	254.972	ug/l	99
14) Allyl chloride	2.678	41	131610	50.922	ug/l	99
15) Acrylonitrile	3.075	53	187601	260.219	ug/l	98
16) Acetone	2.386	43	146745	246.347	ug/l	98
17) Carbon Disulfide	2.526	76	205516	47.710	ug/l	98
18) Methyl Acetate	2.715	43	80049	52.909	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	226557	51.008	ug/l	99
20) Methylene Chloride	2.800	84	80668	48.696	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	76889	50.375	ug/l	98
22) Diisopropyl ether	3.770	45	257775	51.890	ug/l	99
23) Vinyl Acetate	3.733	43	1044679	264.451	ug/l	100
24) 1,1-Dichloroethane	3.623	63	142442	50.502	ug/l	99
25) 2-Butanone	4.562	43	222870	264.542	ug/l	98
26) 2,2-Dichloropropane	4.483	77	104151	50.629	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	89665	50.003	ug/l	99
28) Bromochloromethane	4.904	49	64330	50.308	ug/l	99
29) Tetrahydrofuran	5.013	42	143570	263.836	ug/l	99
30) Chloroform	5.105	83	144108	51.089	ug/l	98
31) Cyclohexane	5.483	56	132301	49.462	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	123796	50.042	ug/l	99
36) 1,1-Dichloropropene	5.702	75	100241	50.088	ug/l	99
37) Ethyl Acetate	4.721	43	94953	51.401	ug/l	99
38) Carbon Tetrachloride	5.690	117	109471	50.403	ug/l	98
39) Methylcyclohexane	7.385	83	132086	50.155	ug/l	97
40) Benzene	6.044	78	304346	51.385	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:54:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	54501	55.341	ug/l		97
42) 1,2-Dichloroethane	6.099	62	106085	50.970	ug/l		99
43) Isopropyl Acetate	6.342	43	155773	53.888	ug/l		99
44) Trichloroethene	7.129	130	76981	51.000	ug/l		97
45) 1,2-Dichloropropane	7.434	63	74773	50.940	ug/l		94
46) Dibromomethane	7.586	93	54149	51.329	ug/l		100
47) Bromodichloromethane	7.824	83	110823	51.479	ug/l		100
48) Methyl methacrylate	7.696	41	79868	55.091	ug/l		99
49) 1,4-Dioxane	7.659	88	20314	964.253	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	470527	272.916	ug/l		99
52) Toluene	8.720	92	188131	51.237	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	105435	52.785	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	117487	51.813	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	70739	51.698	ug/l		99
56) Ethyl methacrylate	9.116	69	109612	54.266	ug/l		100
57) 1,3-Dichloropropane	9.305	76	121649	51.625	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	293709	279.922	ug/l		100
59) 2-Hexanone	9.427	43	326564	273.982	ug/l		99
60) Dibromochloromethane	9.519	129	82234	50.997	ug/l		99
61) 1,2-Dibromoethane	9.610	107	72749	52.268	ug/l		98
64) Tetrachloroethene	9.275	164	62943	49.172	ug/l		98
65) Chlorobenzene	10.079	112	203947	50.006	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	69709	50.856	ug/l		99
67) Ethyl Benzene	10.195	91	359779	50.487	ug/l		98
68) m/p-Xylenes	10.299	106	272935	102.789	ug/l		99
69) o-Xylene	10.640	106	130980	52.635	ug/l		97
70) Styrene	10.653	104	227060	52.139	ug/l		100
71) Bromoform	10.799	173	53660	51.404	ug/l	#	100
73) Isopropylbenzene	10.957	105	346098	51.083	ug/l		100
74) N-amyl acetate	10.842	43	138890	54.107	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	98960	52.310	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	106102	62.974	ug/l		92
77) Bromobenzene	11.195	156	82515	50.611	ug/l		99
78) n-propylbenzene	11.305	91	412345	51.240	ug/l		100
79) 2-Chlorotoluene	11.360	91	239904	49.931	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	288104	51.746	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	29929	50.210	ug/l		99
82) 4-Chlorotoluene	11.451	91	280848	50.085	ug/l		98
83) tert-Butylbenzene	11.713	119	287513	49.958	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	286365	51.193	ug/l		99
85) sec-Butylbenzene	11.890	105	371523	51.079	ug/l		100
86) p-Isopropyltoluene	12.006	119	311698	50.791	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	154181	48.501	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	153158	46.906	ug/l		100
89) n-Butylbenzene	12.329	91	296174	50.829	ug/l		100
90) Hexachloroethane	12.536	117	52831	49.161	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	147561	49.672	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19851	53.151	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	104267	49.369	ug/l		99
94) Hexachlorobutadiene	13.719	225	45958	51.729	ug/l		98
95) Naphthalene	13.774	128	315669	52.462	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	103451	51.200	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:54:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

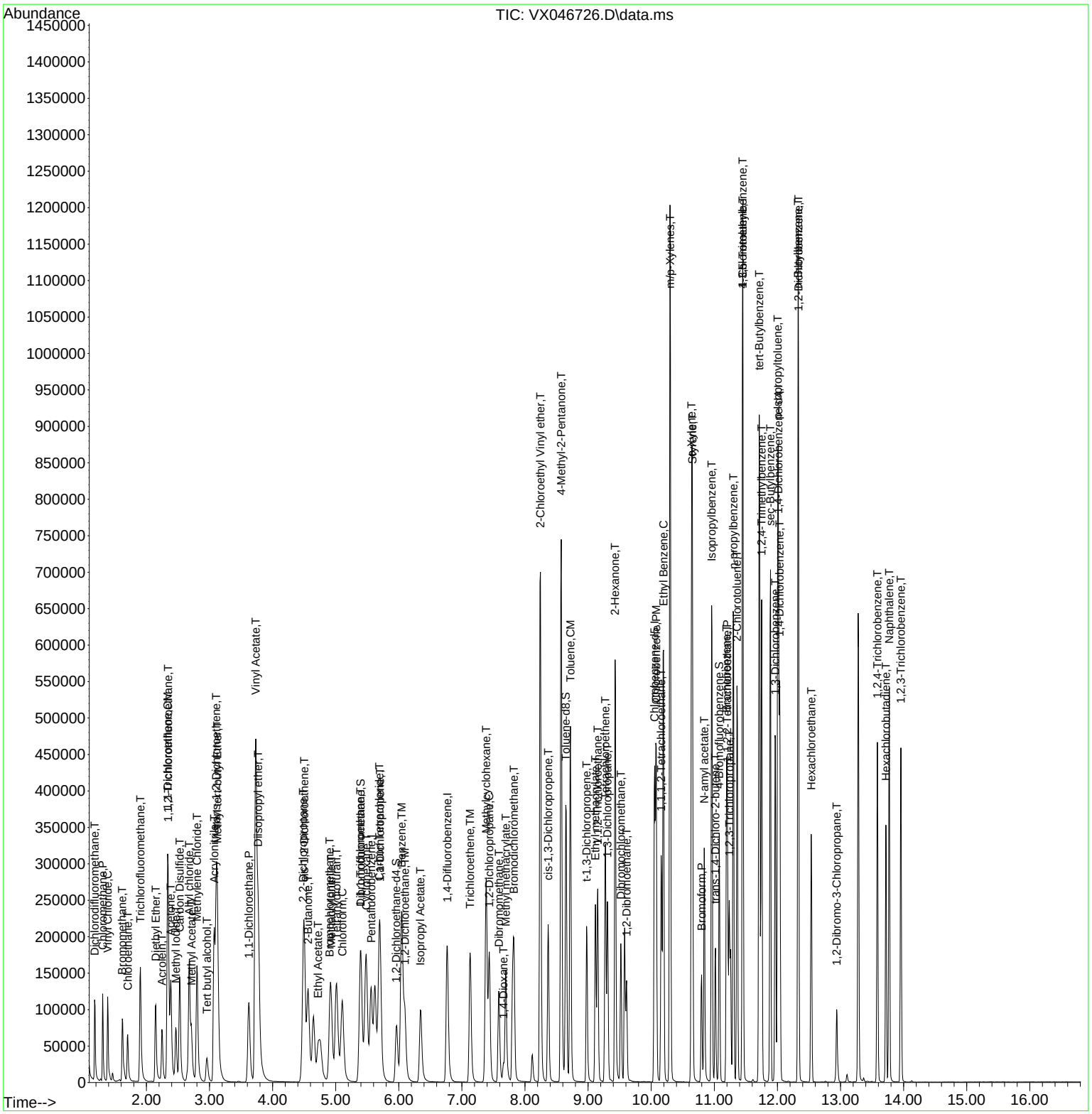
(#) = qualifier out of range (m) = manual integration (+) = signals summed

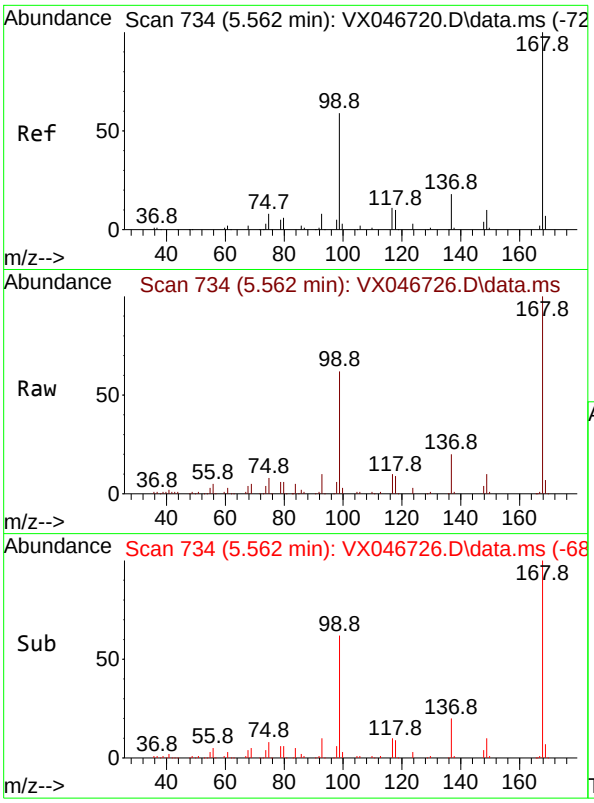
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:54:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



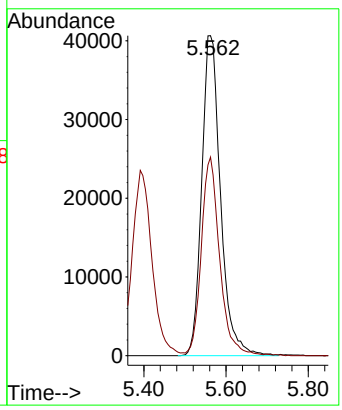


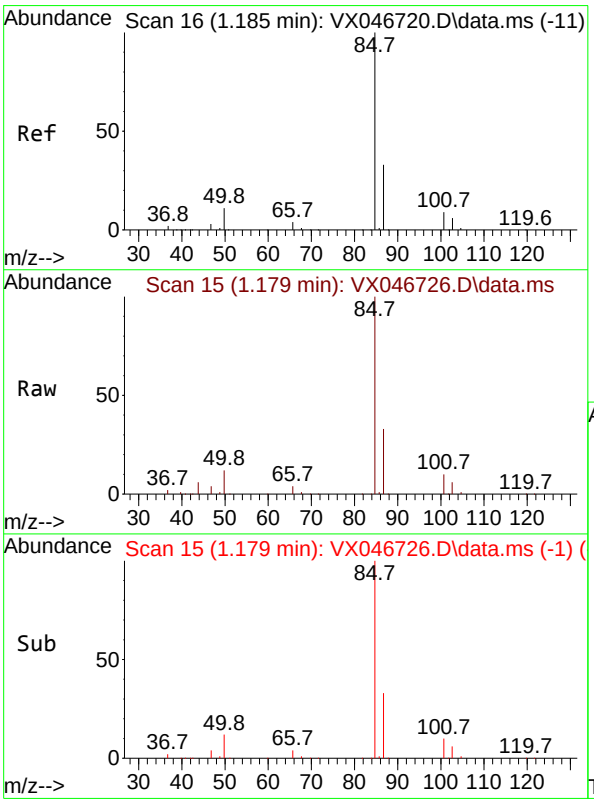
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:168 Resp: 129144

Ion	Ratio	Lower	Upper
168	100		
99	61.8	48.5	72.7

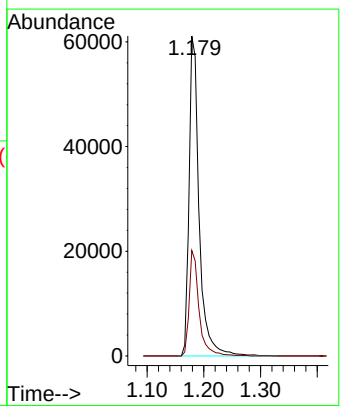


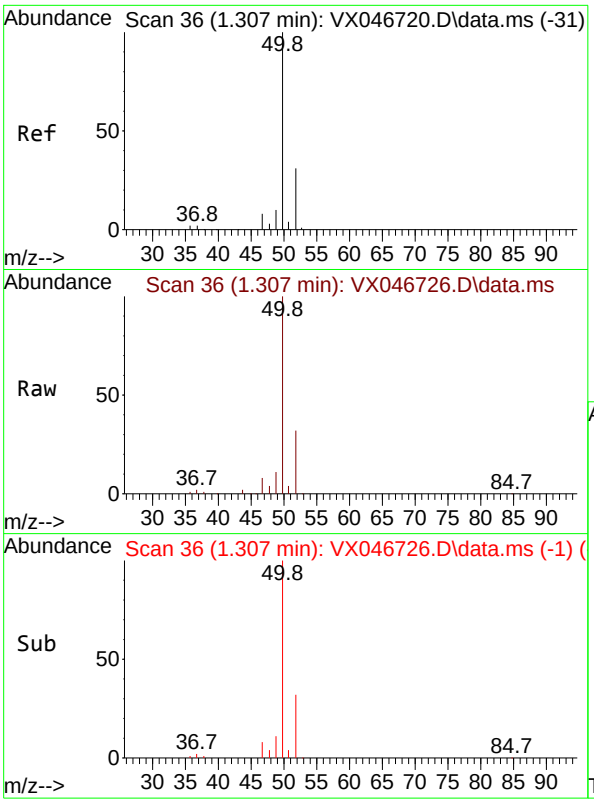


#2
Dichlorodifluoromethane
Concen: 54.798 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 85 Resp: 75554

Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.6	49.8



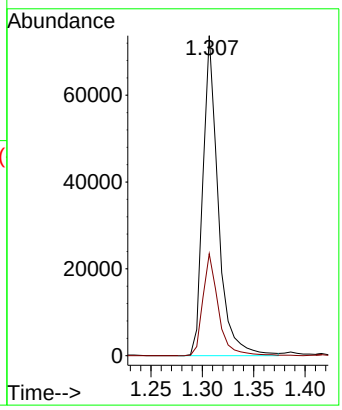


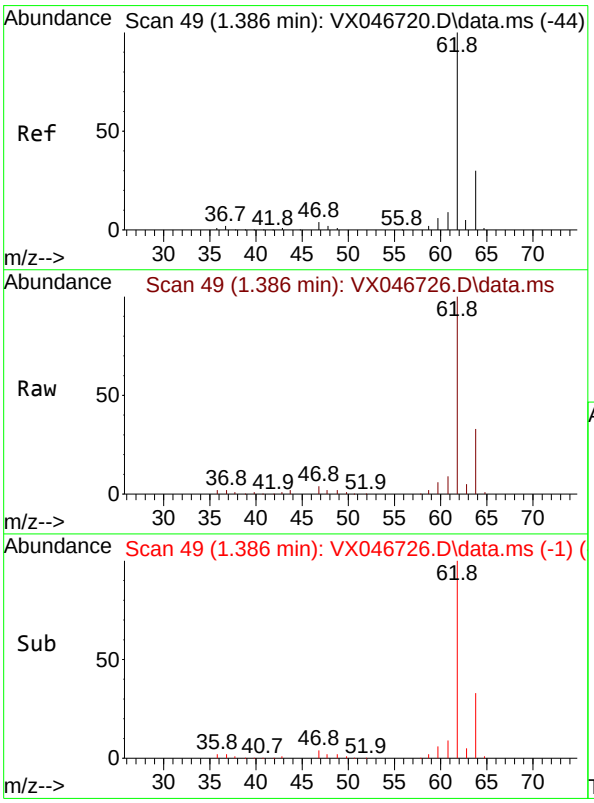
#3
Chloromethane
Concen: 51.393 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 50 Resp: 76483

Ion	Ratio	Lower	Upper
50	100		
52	31.8	24.9	37.3

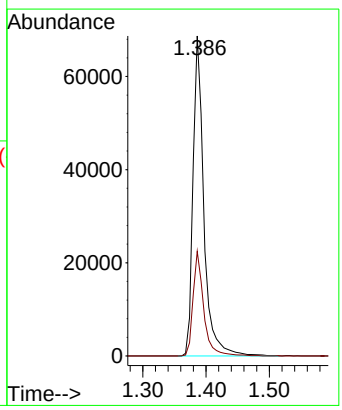


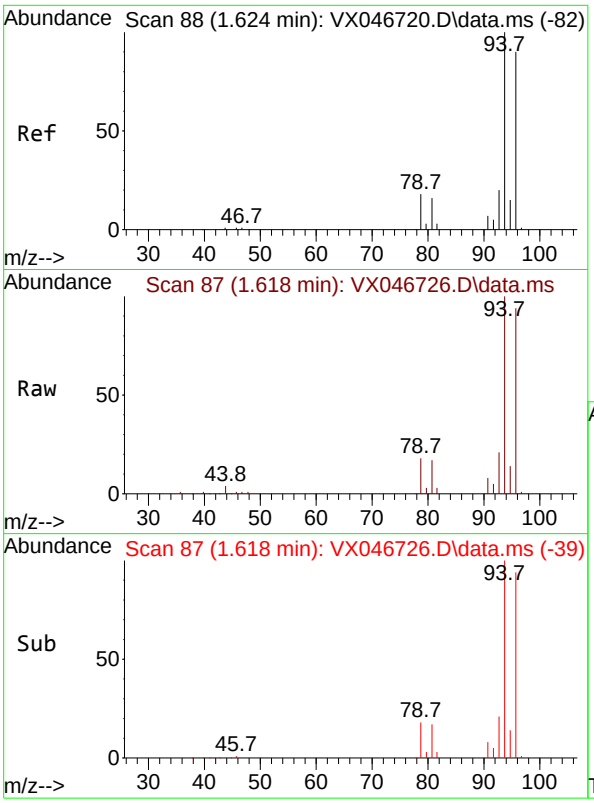


#4
Vinyl Chloride
Concen: 51.768 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 62 Resp: 82156

Ion	Ratio	Lower	Upper
62	100		
64	32.7	23.9	35.9



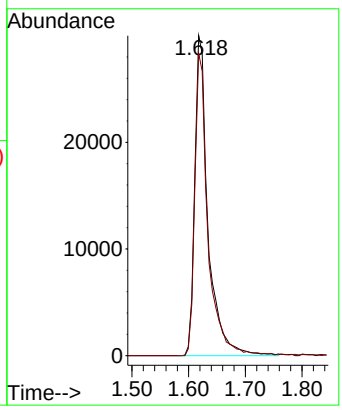


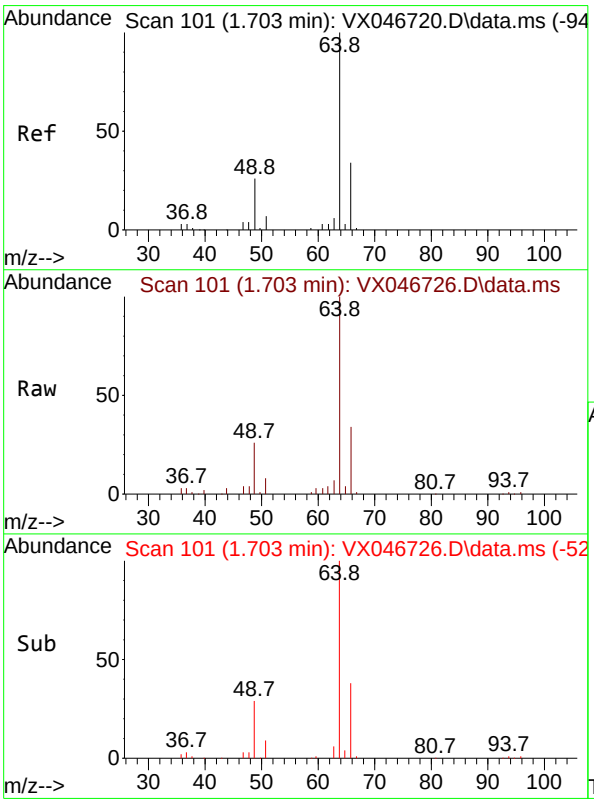
#5
Bromomethane
Concen: 54.831 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 94 Resp: 48957

Ion	Ratio	Lower	Upper
94	100		
96	94.4	72.3	108.5

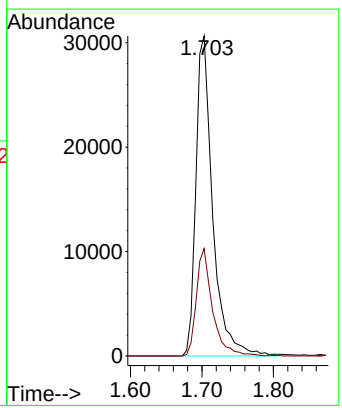


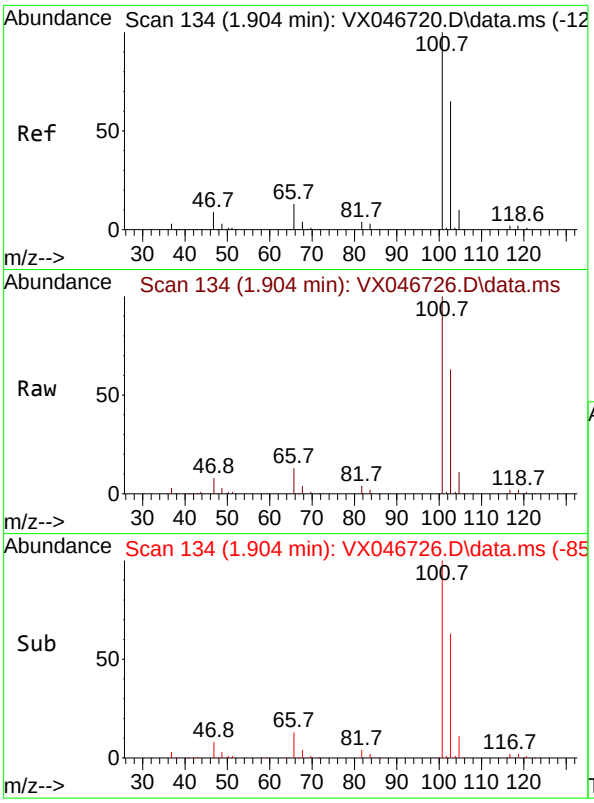


#6
Chloroethane
Concen: 51.911 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 64 Resp: 49931

Ion	Ratio	Lower	Upper
64	100		
66	33.5	27.1	40.7



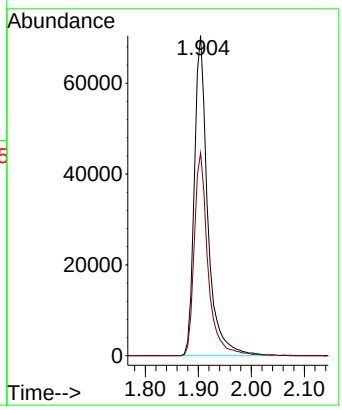


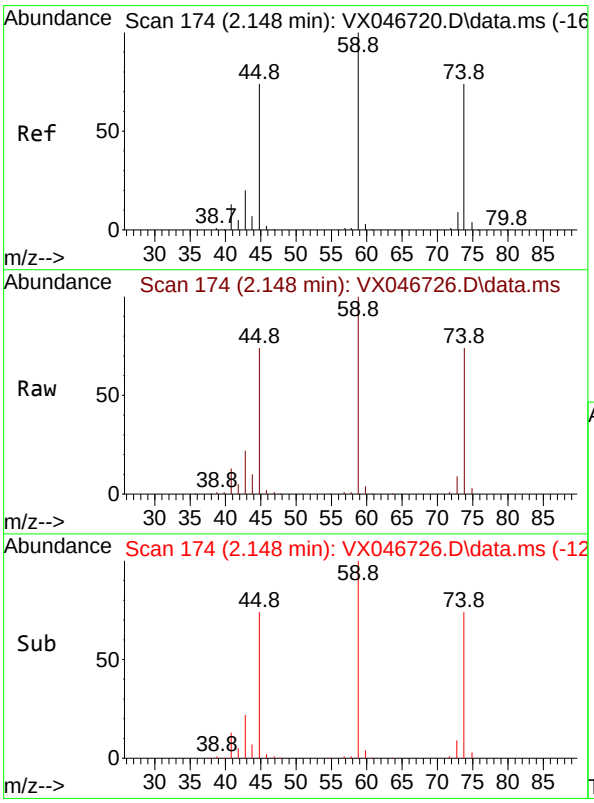
#7
Trichlorofluoromethane
Concen: 51.363 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:101 Resp: 123768

Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.8	77.8

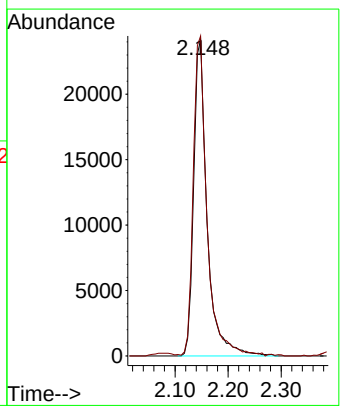


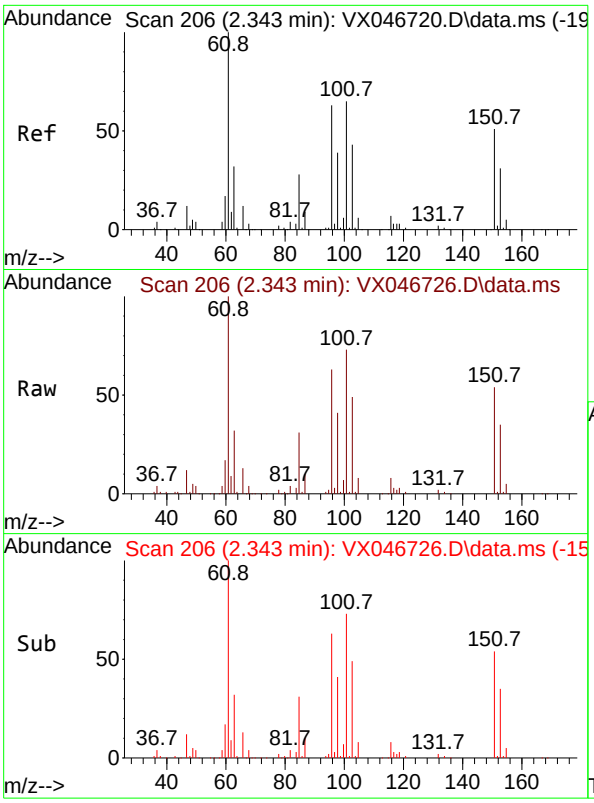


#8
Diethyl Ether
Concen: 51.316 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 74 Resp: 42437

Ion	Ratio	Lower	Upper
74	100		
45	103.7	52.3	157.1



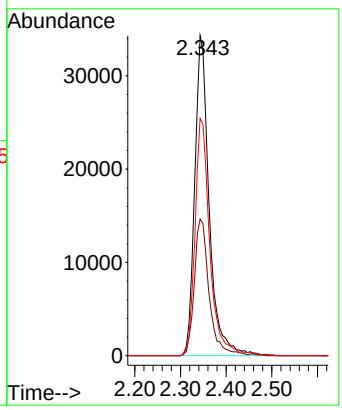


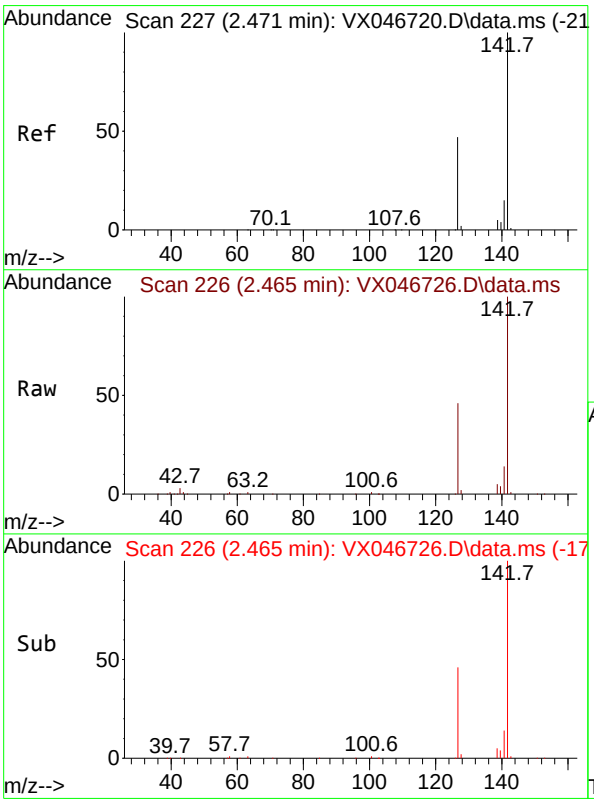
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.089 ug/l
RT: 2.343 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:101 Resp: 75525

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.4	53.0
151	75.9	61.2	91.8

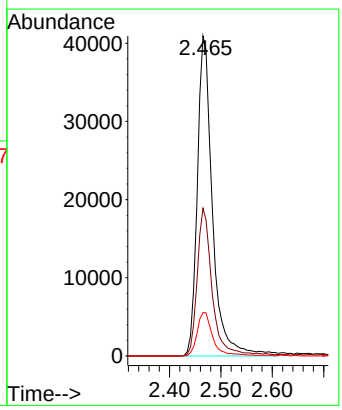


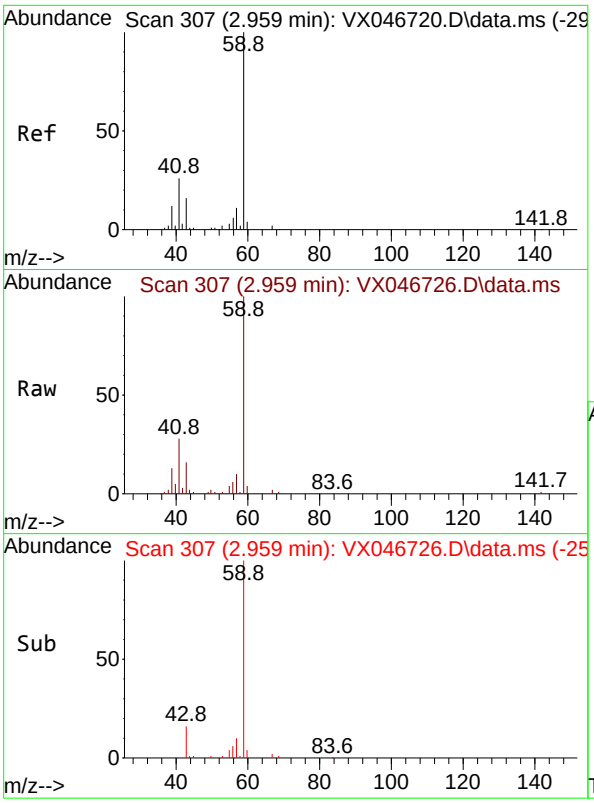


#10
Methyl Iodide
Concen: 45.861 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:142 Resp: 84139

Ion	Ratio	Lower	Upper
142	100		
127	45.9	37.0	55.6
141	14.0	11.5	17.3



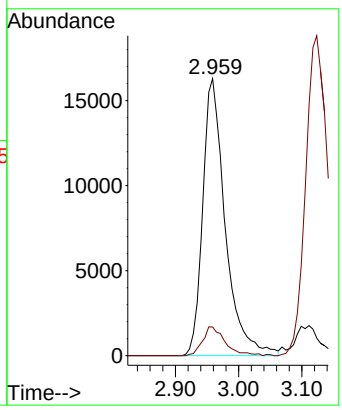


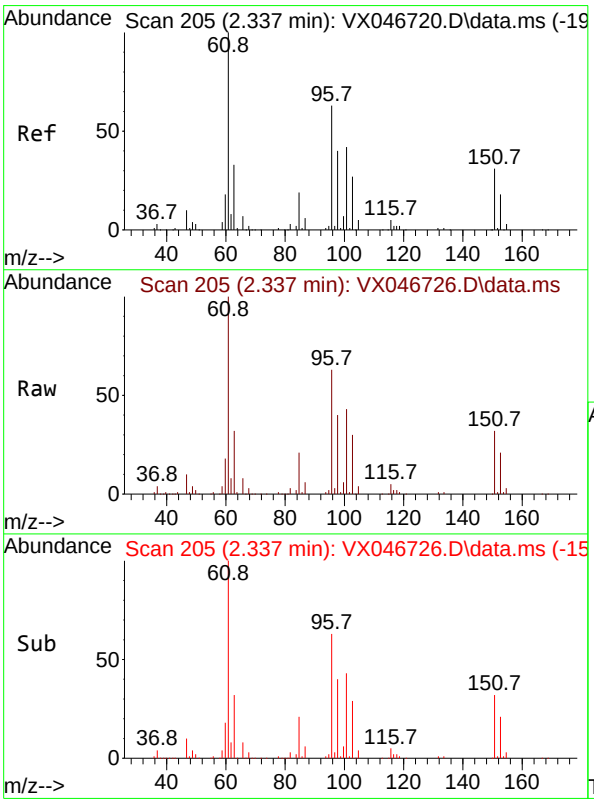
#11
Tert butyl alcohol
Concen: 251.888 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 59 Resp: 40385

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

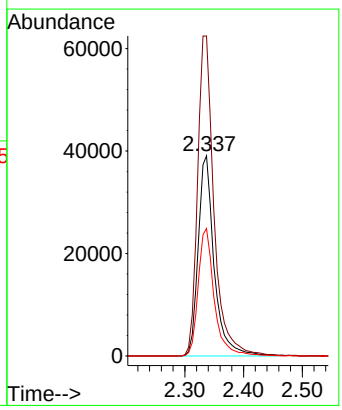


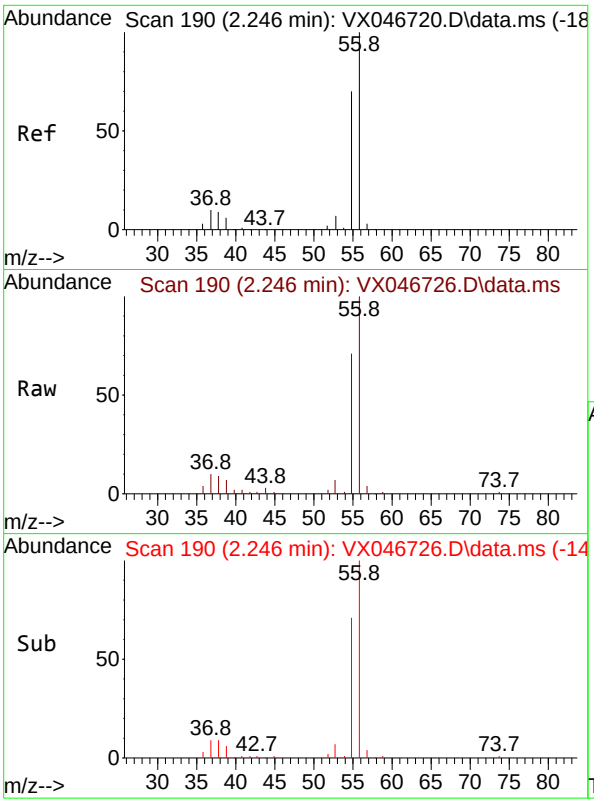


#12
1,1-Dichloroethene
Concen: 51.945 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 96 Resp: 74097

Ion	Ratio	Lower	Upper
96	100		
61	159.8	126.6	189.8
98	63.7	50.7	76.1



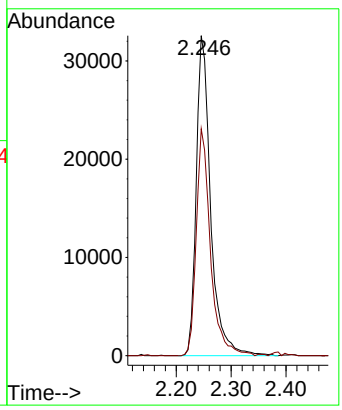


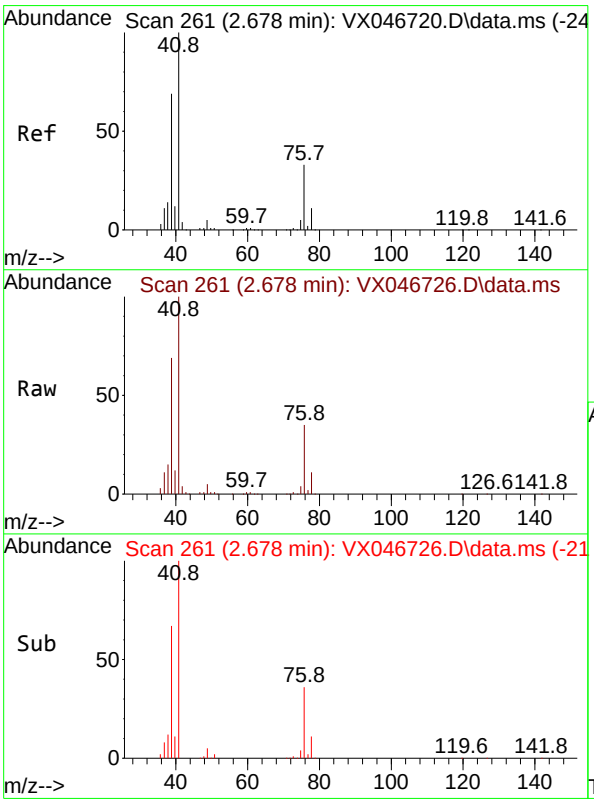
#13
Acrolein
Concen: 254.972 ug/l
RT: 2.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 56 Resp: 59544

Ion	Ratio	Lower	Upper
56	100		
55	70.0	55.2	82.8

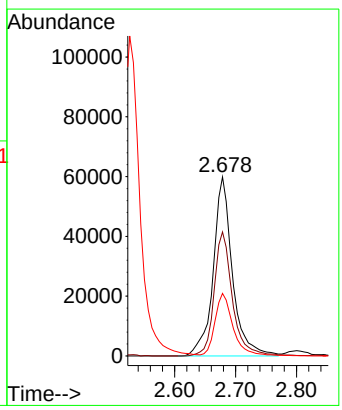


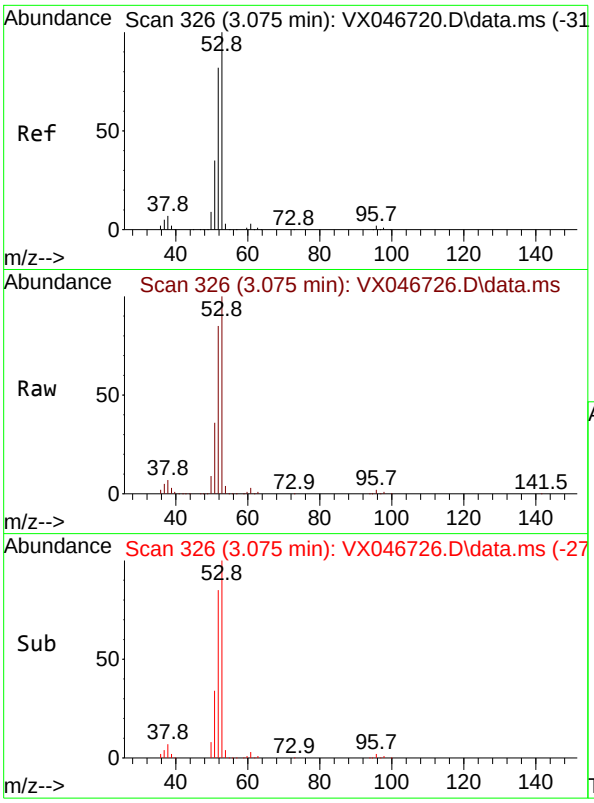


#14
Allyl chloride
Concen: 50.922 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 41 Resp: 131610

Ion	Ratio	Lower	Upper
41	100		
39	66.1	53.6	80.4
76	33.1	26.8	40.2



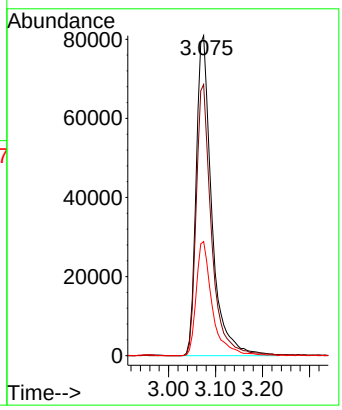


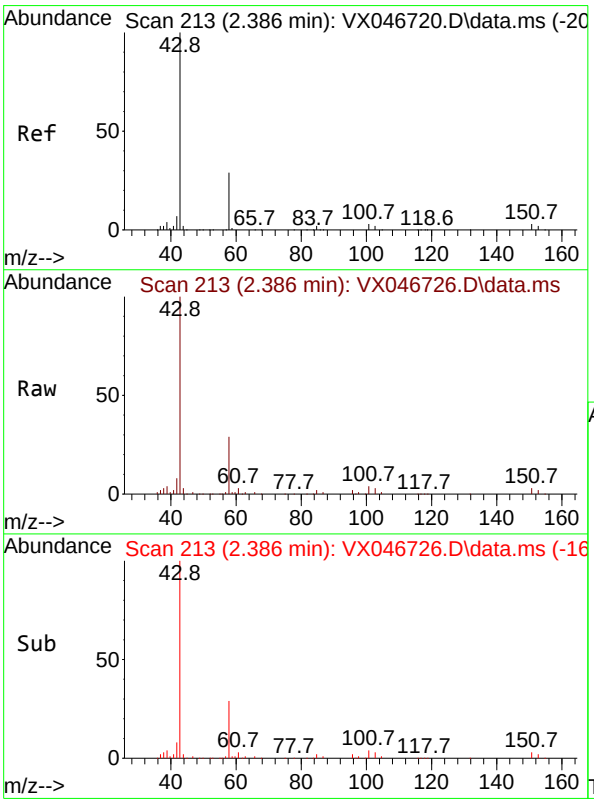
#15
Acrylonitrile
Concen: 260.219 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 53 Resp: 187601

Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.1	97.7
51	36.7	28.9	43.3

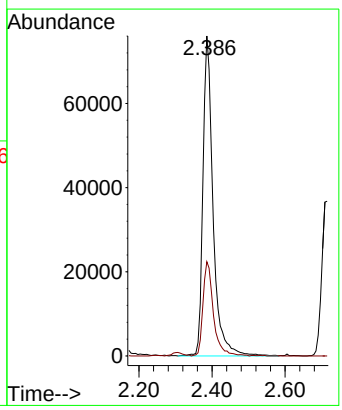


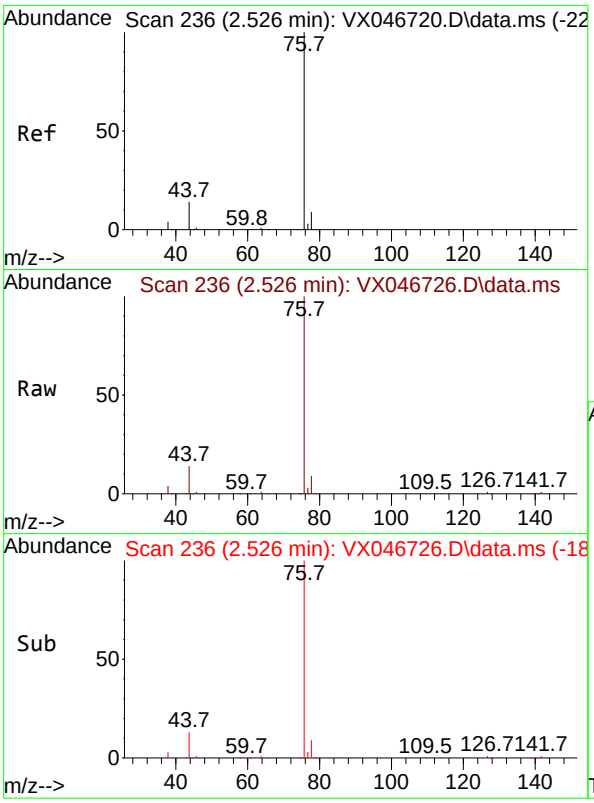


#16
Acetone
Concen: 246.347 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 43 Resp: 146745

Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.5	36.7



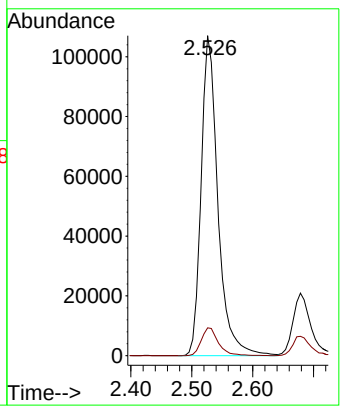


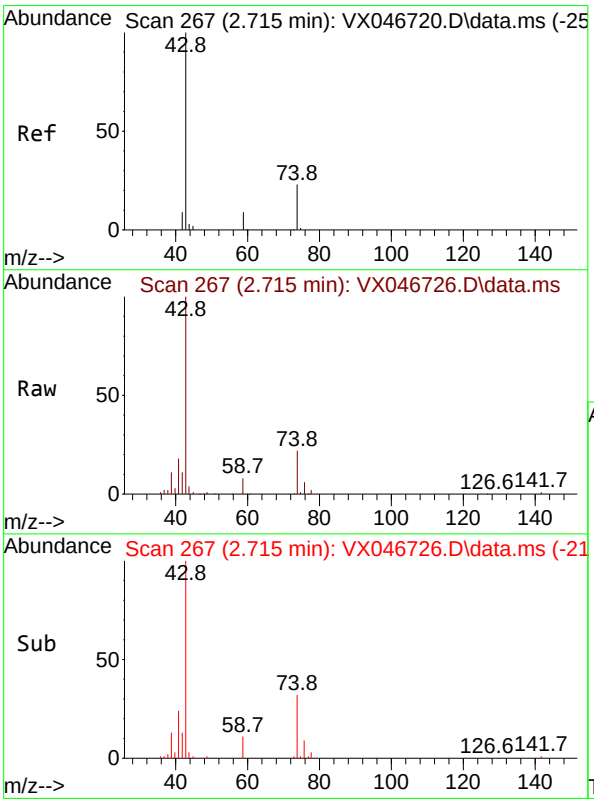
#17
Carbon Disulfide
Concen: 47.710 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 76 Resp: 205516

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

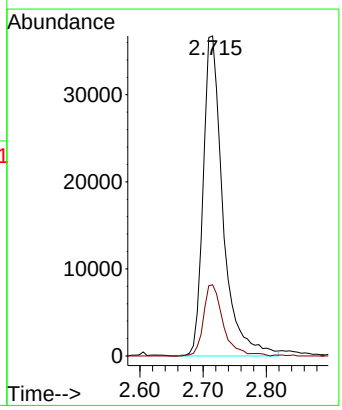


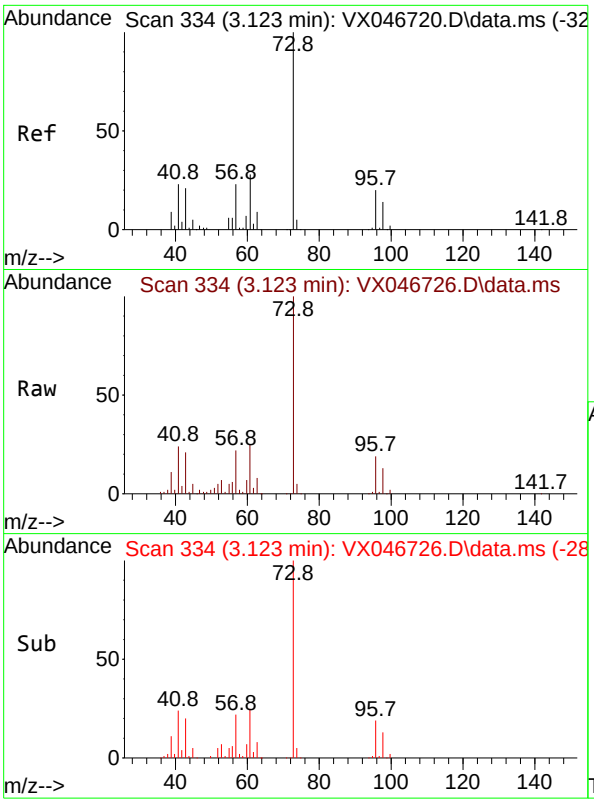


#18
Methyl Acetate
Concen: 52.909 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 43 Resp: 80049

Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.4	27.6



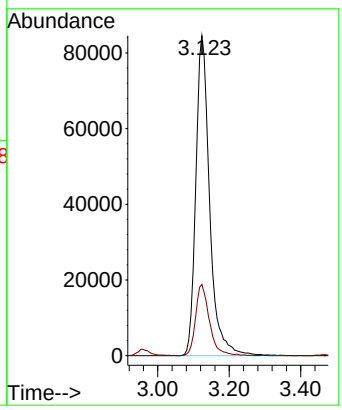


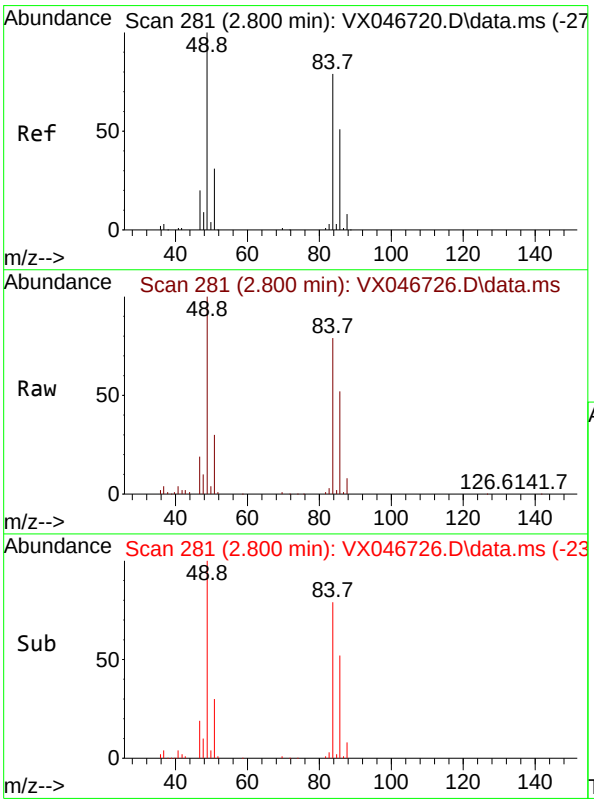
#19
Methyl tert-butyl Ether
Concen: 51.008 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 73 Resp: 226557

Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.2	27.2

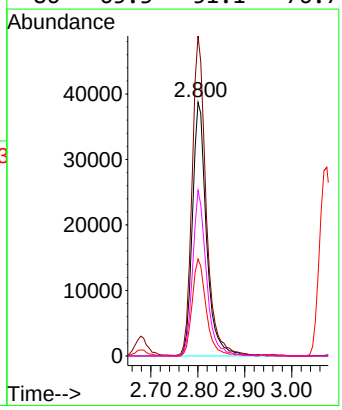


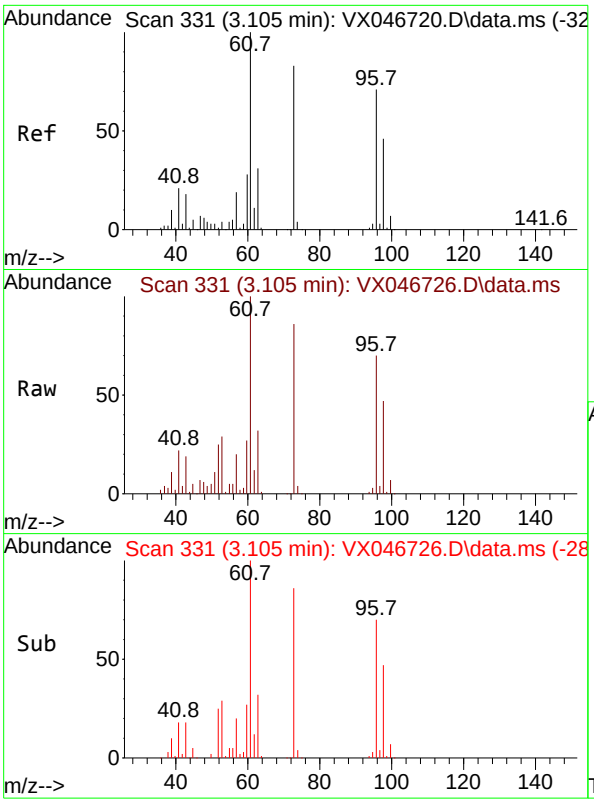


#20
Methylene Chloride
Concen: 48.696 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 84 Resp: 80668

Ion	Ratio	Lower	Upper
84	100		
49	126.0	101.3	151.9
51	38.3	31.0	46.6
86	65.3	51.1	76.7



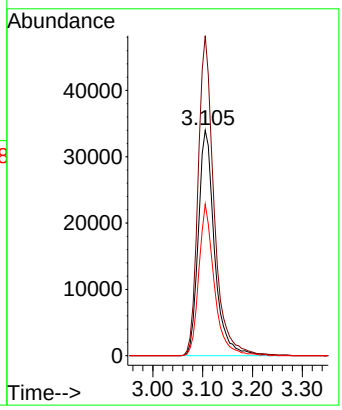


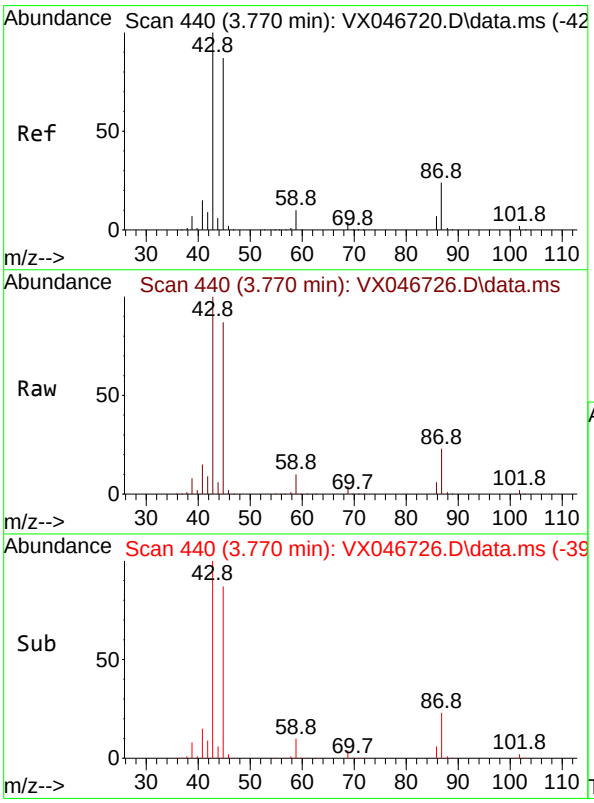
#21
trans-1,2-Dichloroethene
Concen: 50.375 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 96 Resp: 76889

Ion	Ratio	Lower	Upper
96	100		
61	142.0	112.5	168.7
98	69.1	51.9	77.9

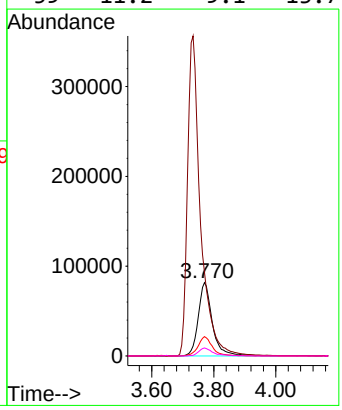


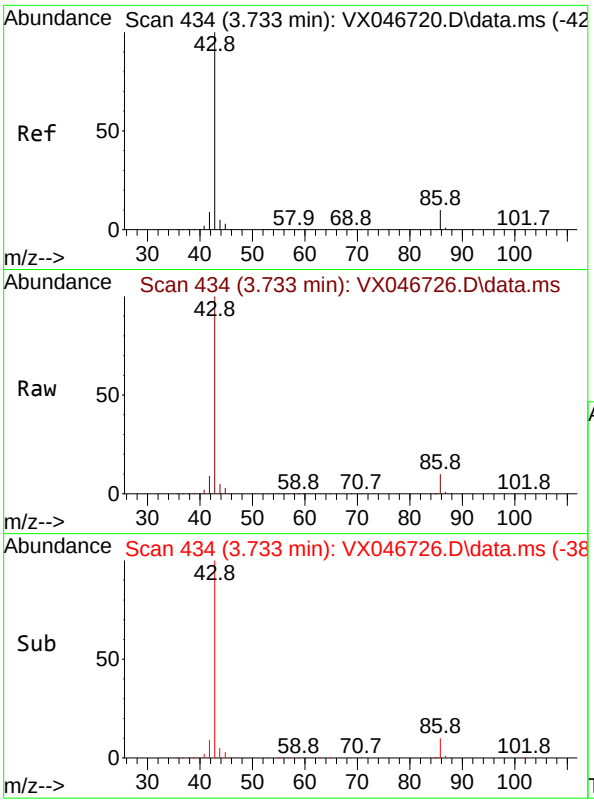


#22
Diisopropyl ether
Concen: 51.890 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 45 Resp: 257775

Ion	Ratio	Lower	Upper
45	100		
43	114.3	91.9	137.9
87	26.4	22.0	33.0
59	11.2	9.1	13.7



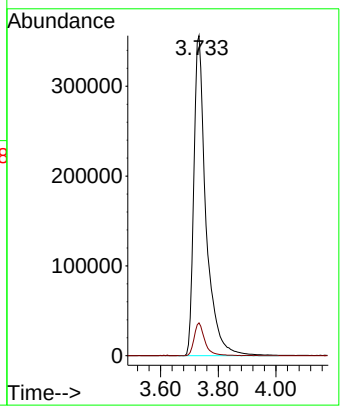


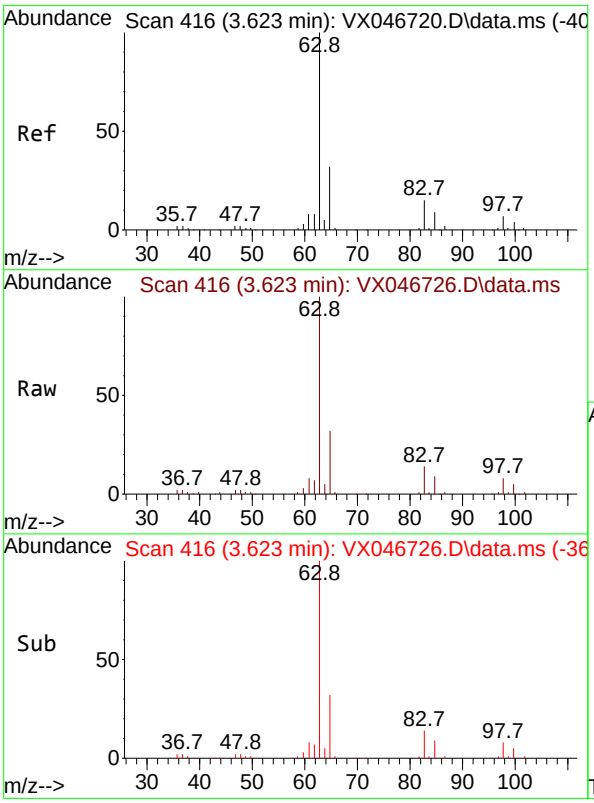
#23
Vinyl Acetate
Concen: 264.451 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 43 Resp: 1044679

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

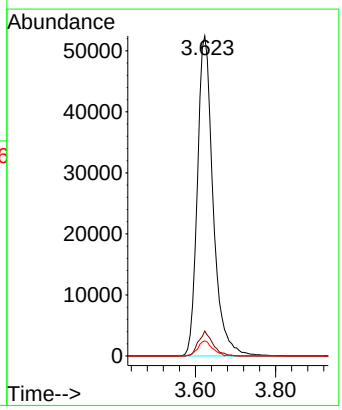


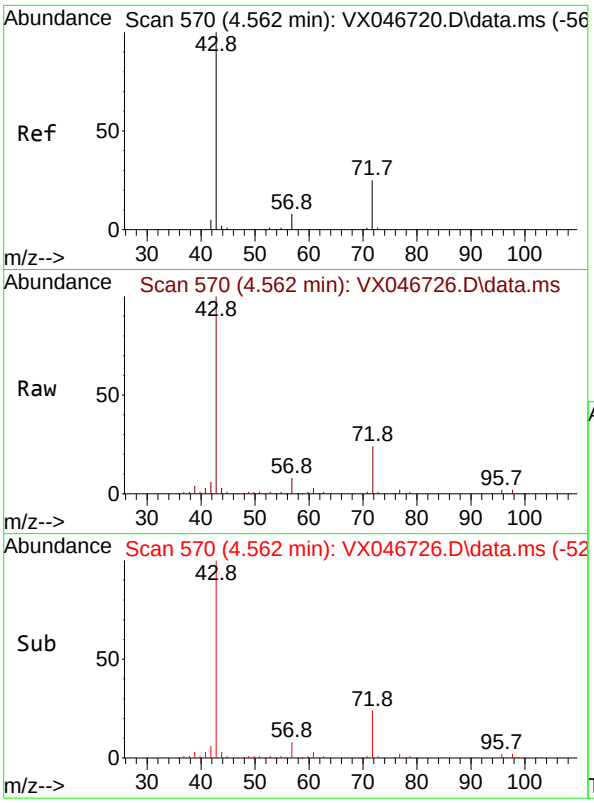


#24
1,1-Dichloroethane
Concen: 50.502 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 63 Resp: 142442

Ion	Ratio	Lower	Upper
63	100		
98	7.8	4.0	11.9
100	4.7	2.2	6.6



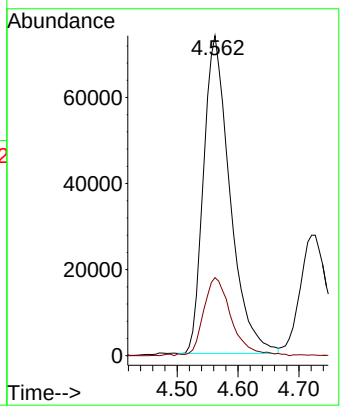


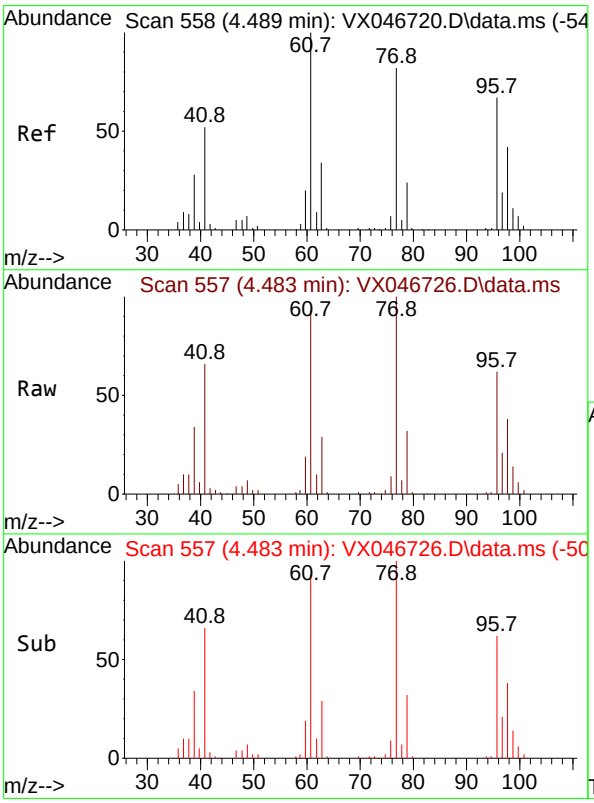
#25
2-Butanone
Concen: 264.542 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 43 Resp: 222870

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.2	30.4

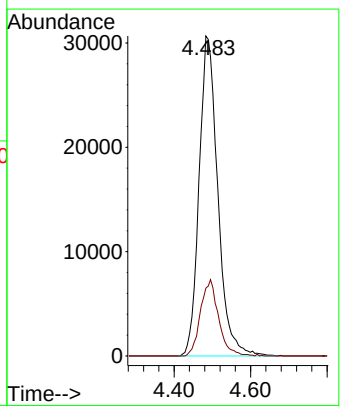


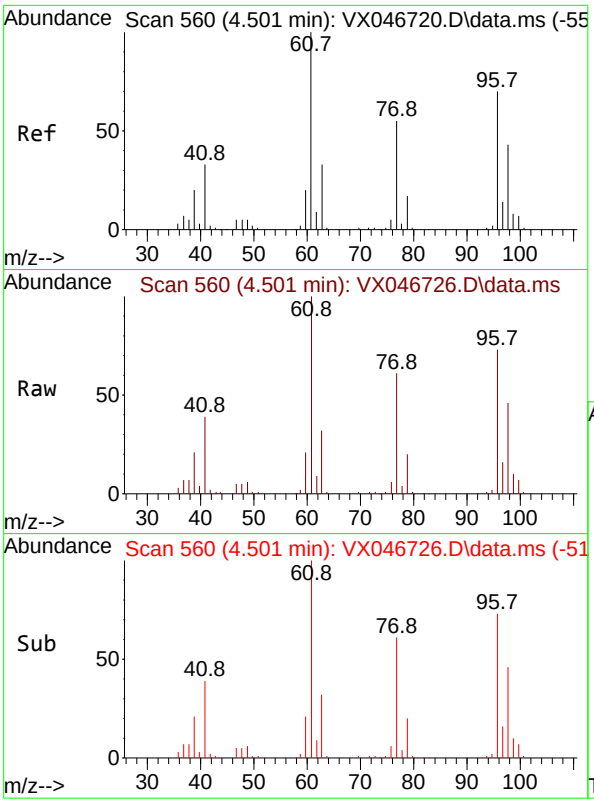


#26
2,2-Dichloropropane
Concen: 50.629 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 77 Resp: 104151

Ion	Ratio	Lower	Upper
77	100		
97	23.0	11.8	35.3



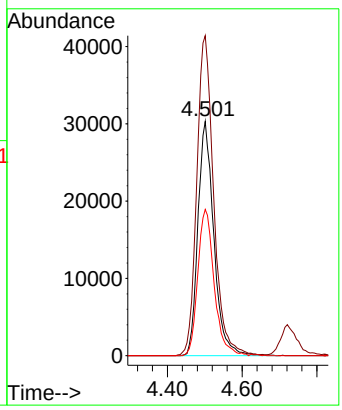


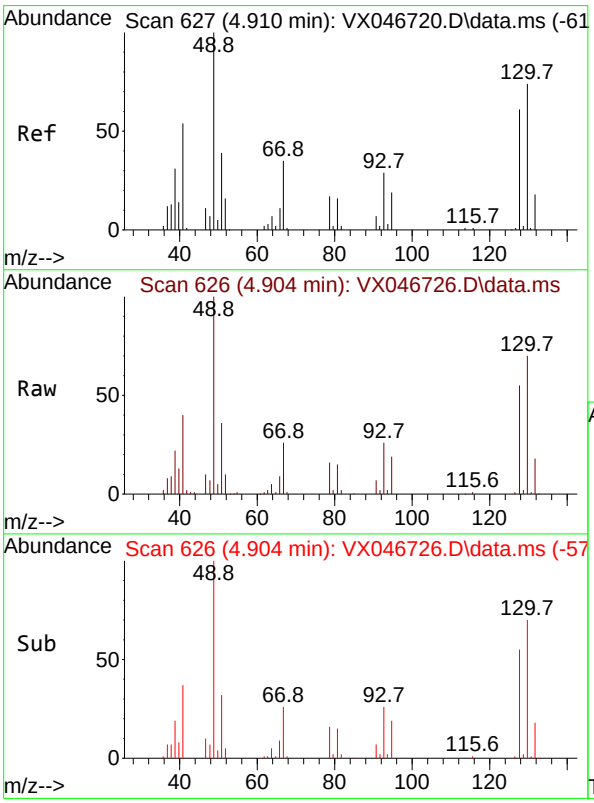
#27
cis-1,2-Dichloroethene
Concen: 50.003 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 96 Resp: 89665

Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	291.0
98	64.2	0.0	126.8

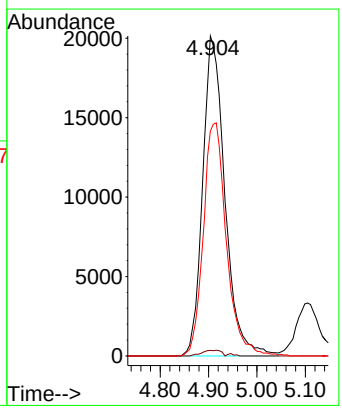


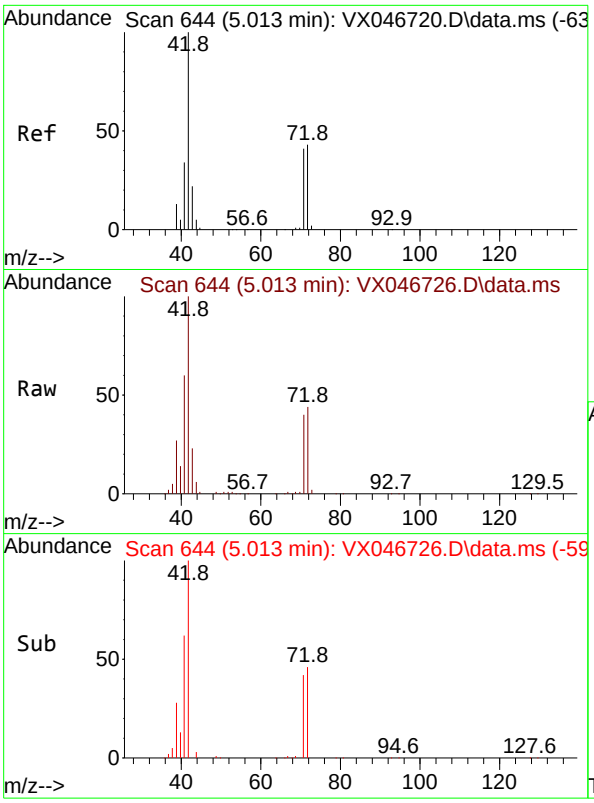


#28
Bromochloromethane
Concen: 50.308 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 49 Resp: 64330

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	75.6	61.4	92.0



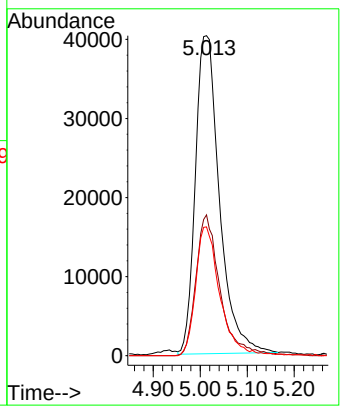


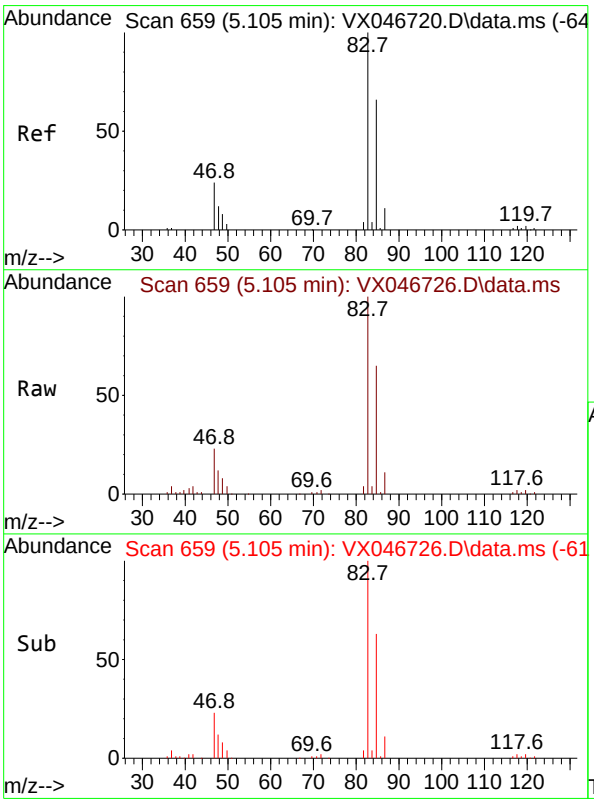
#29
Tetrahydrofuran
Concen: 263.836 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 42 Resp: 143570

Ion	Ratio	Lower	Upper
42	100		
72	44.3	34.9	52.3
71	40.8	32.2	48.2

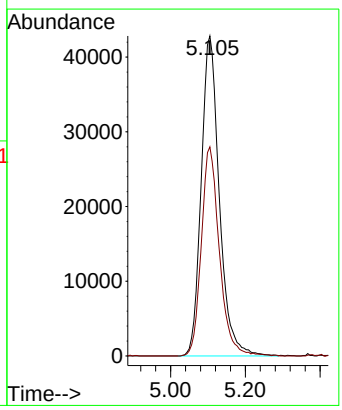


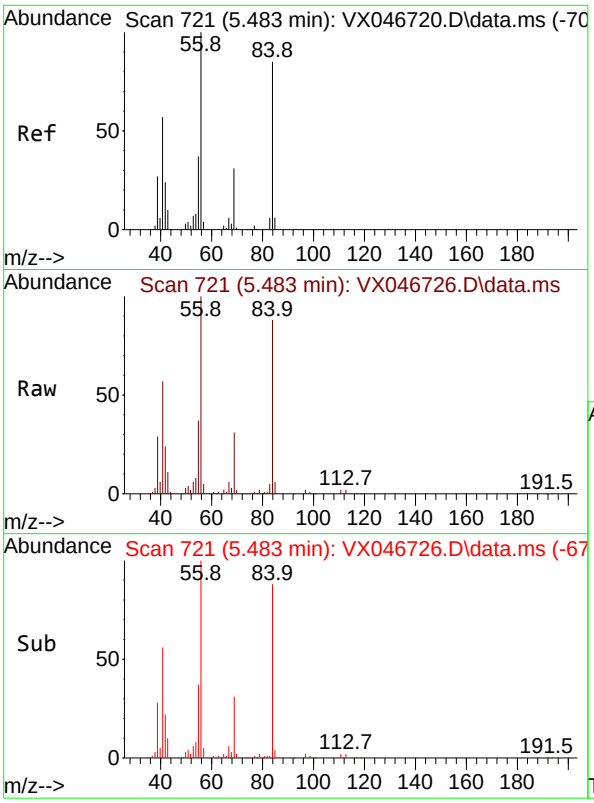


#30
Chloroform
Concen: 51.089 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 83 Resp: 144108

Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.7	80.5



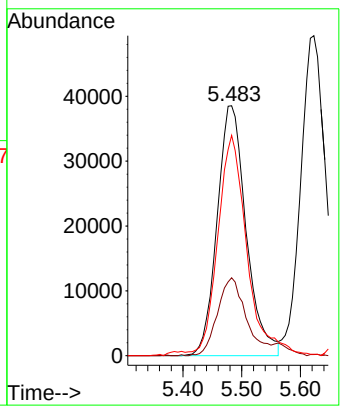


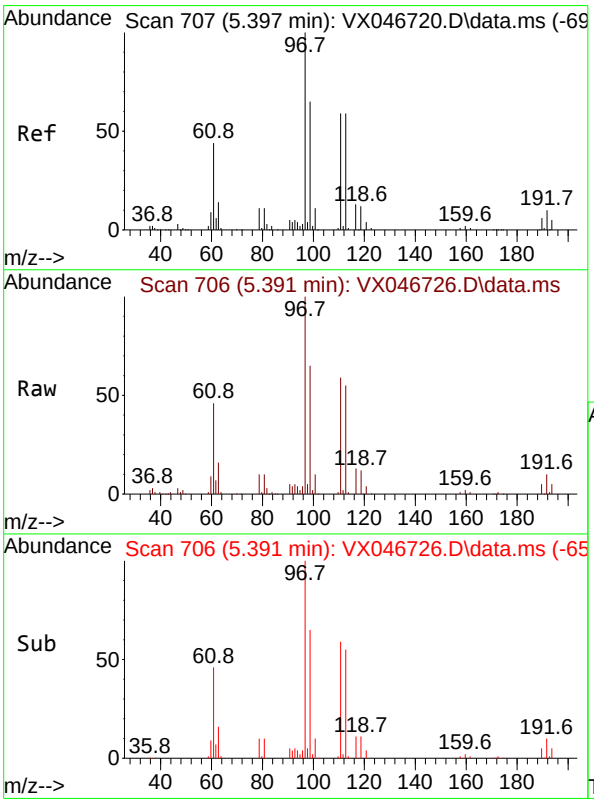
#31
Cyclohexane
Concen: 49.462 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 56 Resp: 132301

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.8	37.2
84	86.8	68.2	102.2

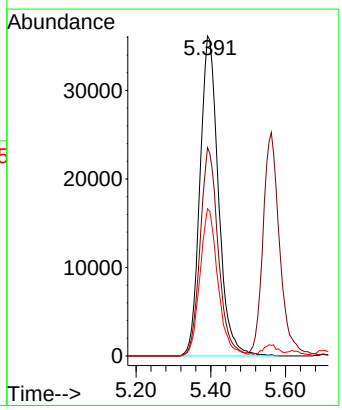


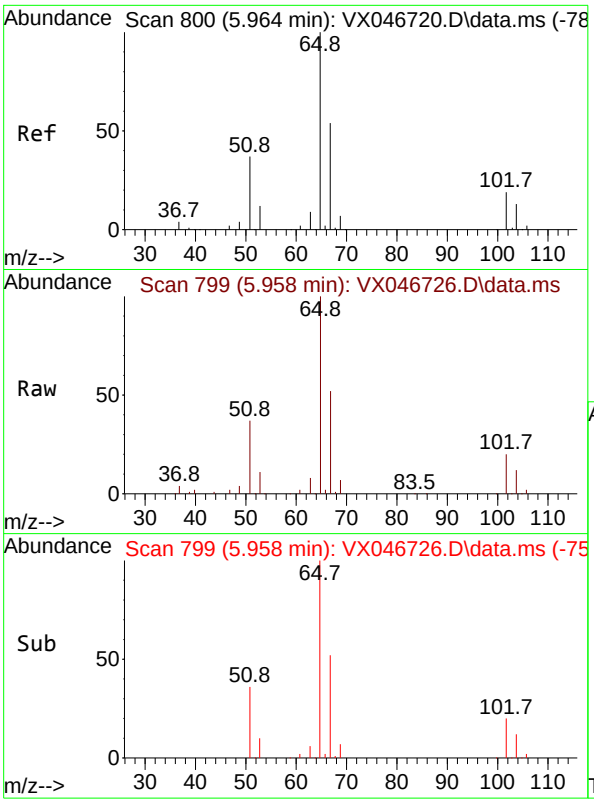


#32
1,1,1-Trichloroethane
Concen: 50.042 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 97 Resp: 123796

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	45.1	36.4	54.6



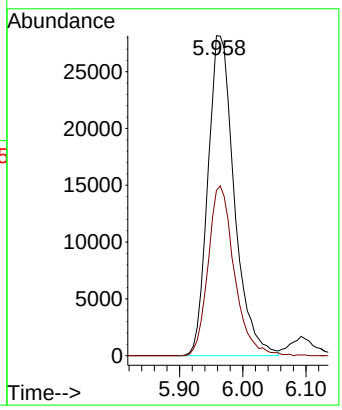


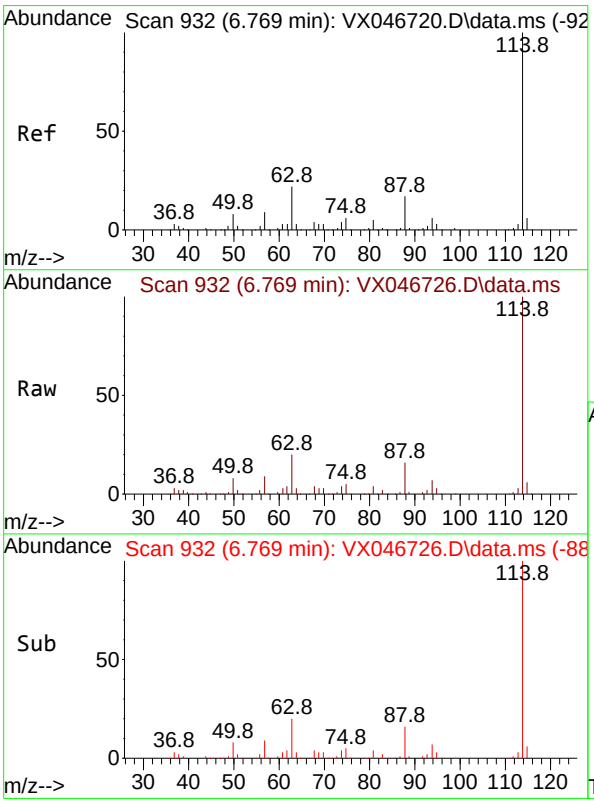
#33
1,2-Dichloroethane-d4
Concen: 45.697 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 65 Resp: 81629

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.4

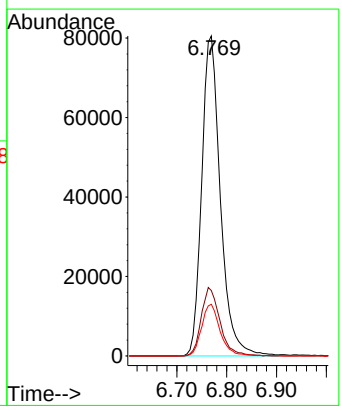


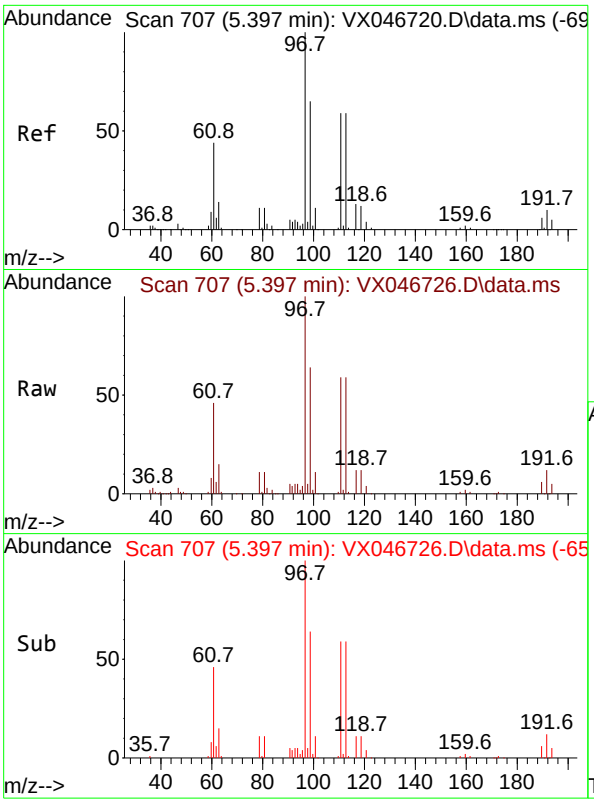


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:114 Resp: 209541

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.2
88	16.2	0.0	33.2



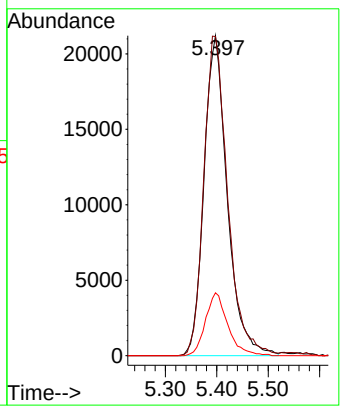


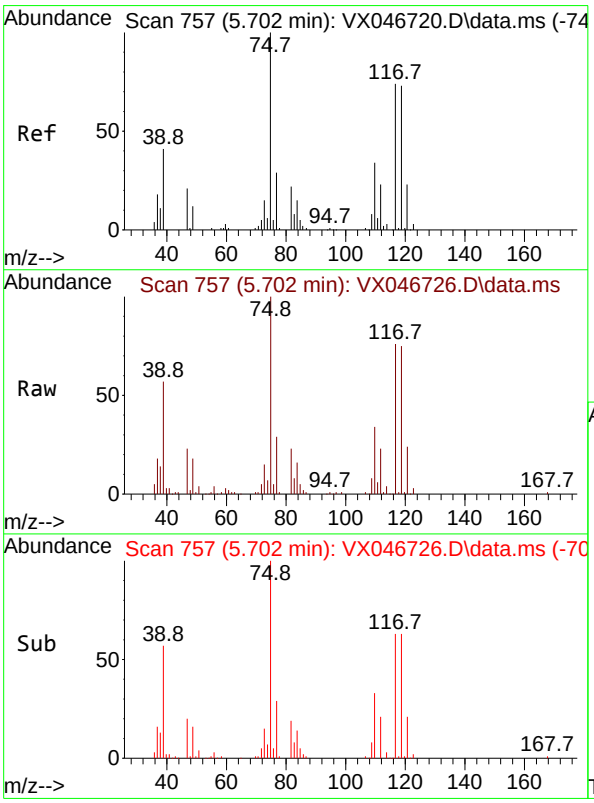
#35
Dibromofluoromethane
Concen: 48.072 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:113 Resp: 66647

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	18.9	15.3	22.9

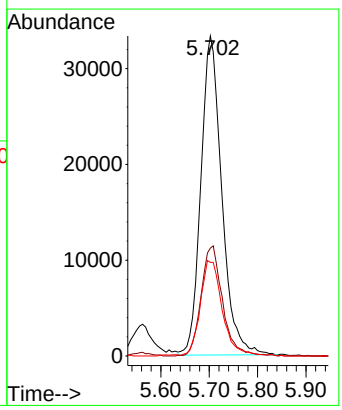


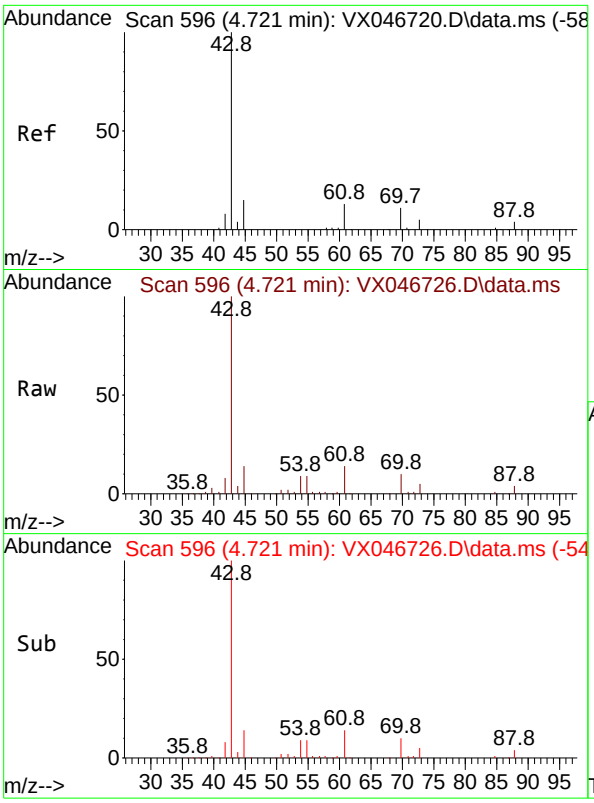


#36
1,1-Dichloropropene
Concen: 50.088 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 75 Resp: 100241

Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.2	51.5
77	30.7	24.2	36.4



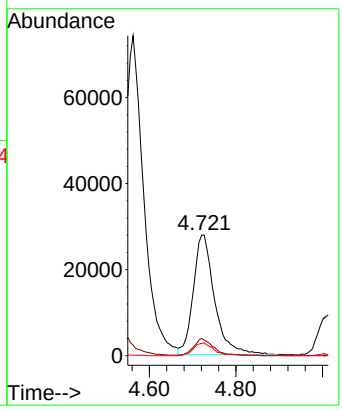


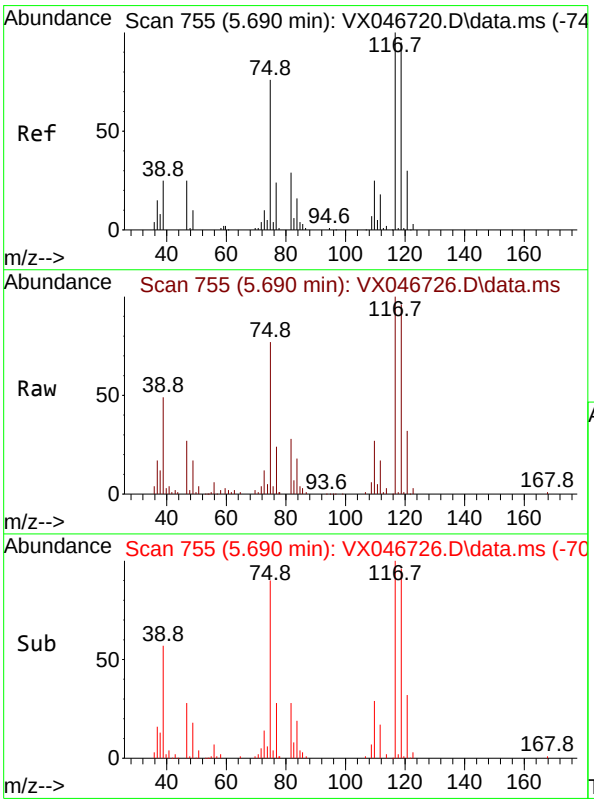
#37
Ethyl Acetate
Concen: 51.401 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 43 Resp: 94953

Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.7	14.5
70	10.1	8.1	12.1

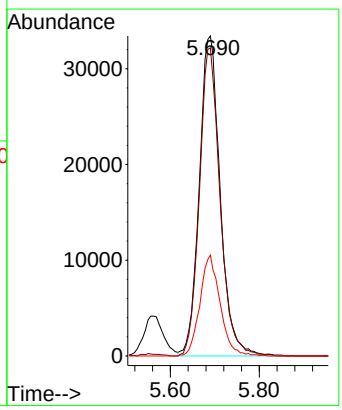


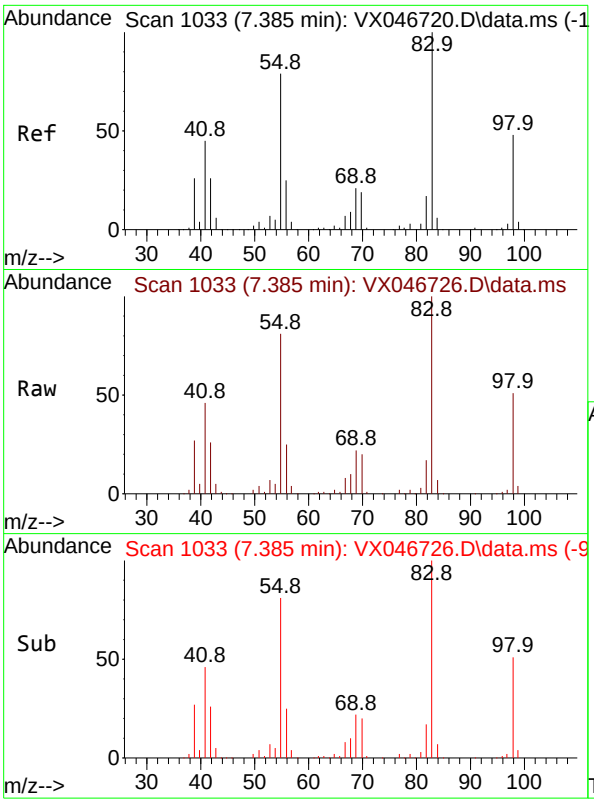


#38
Carbon Tetrachloride
Concen: 50.403 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:117 Resp: 109471

Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.2	112.8
121	31.6	24.1	36.1



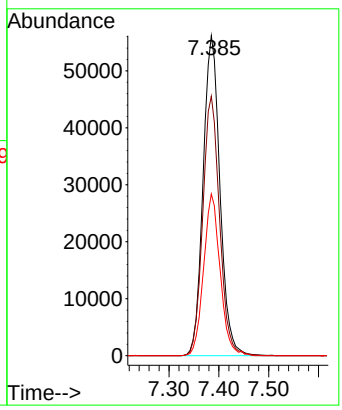


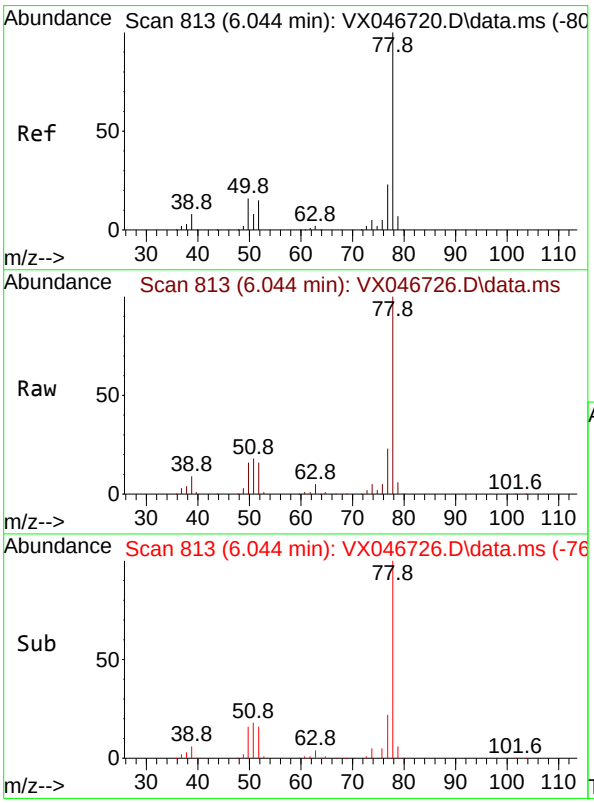
#39
Methylcyclohexane
Concen: 50.155 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 83 Resp: 132086

Ion	Ratio	Lower	Upper
83	100		
55	81.1	63.0	94.4
98	50.5	38.8	58.2

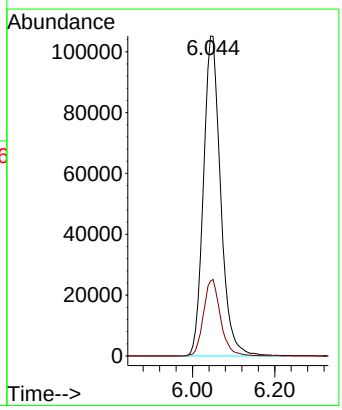


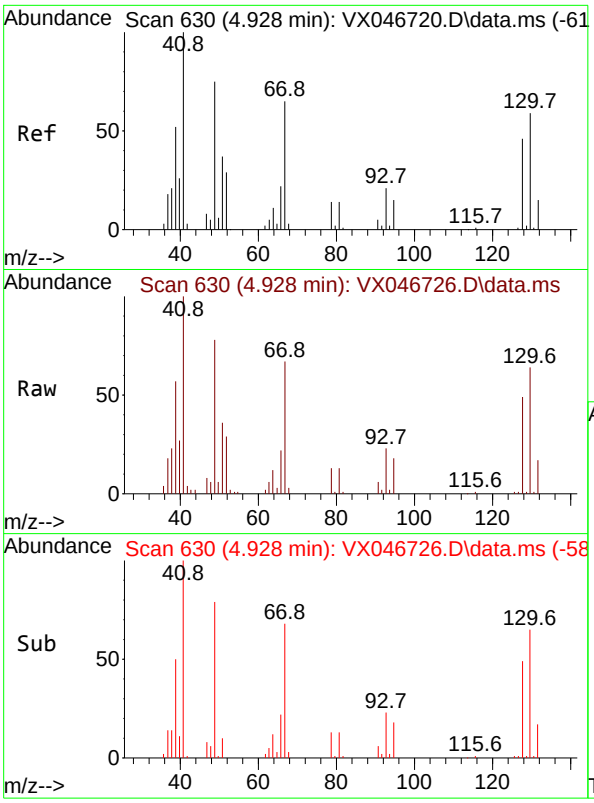


#40
Benzene
Concen: 51.385 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 78 Resp: 304346

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2



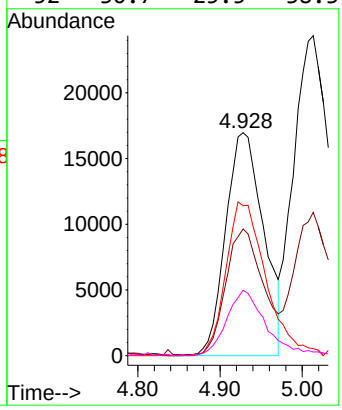


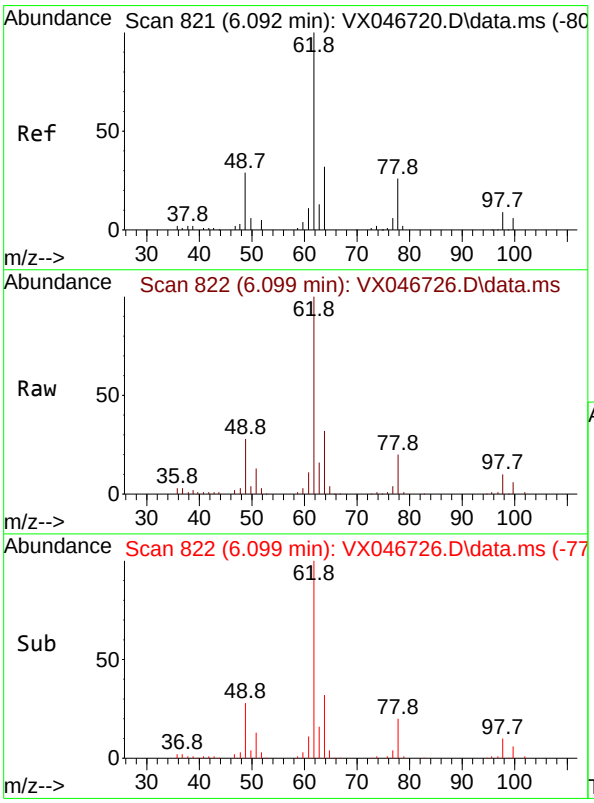
#41
Methacrylonitrile
Concen: 55.341 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 41 Resp: 54501

Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.9	68.9
67	72.5	61.2	91.8
52	30.7	25.5	38.3

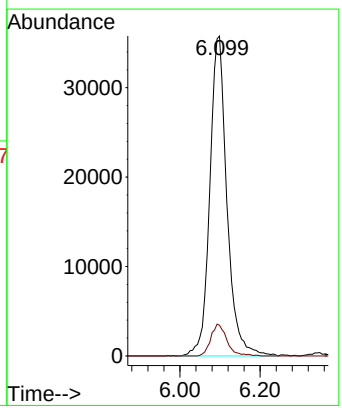


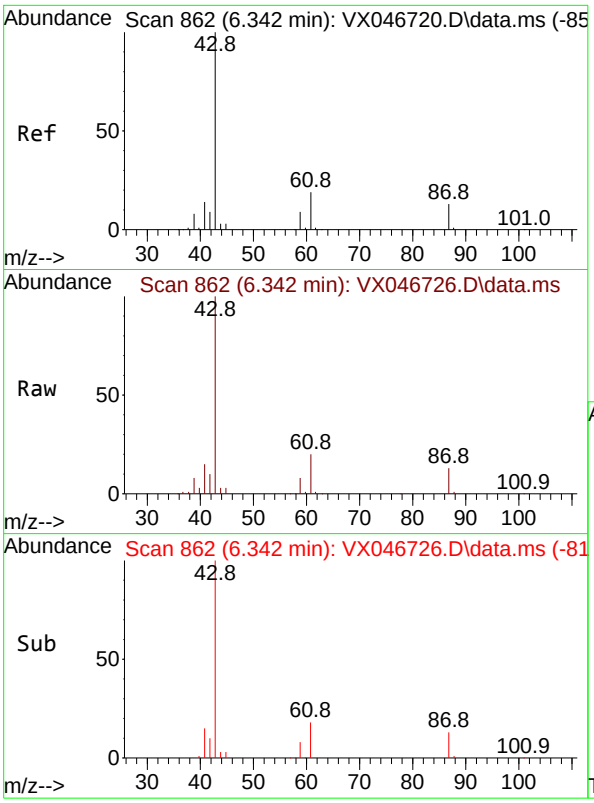


#42
1,2-Dichloroethane
Concen: 50.970 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 62 Resp: 106085

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8



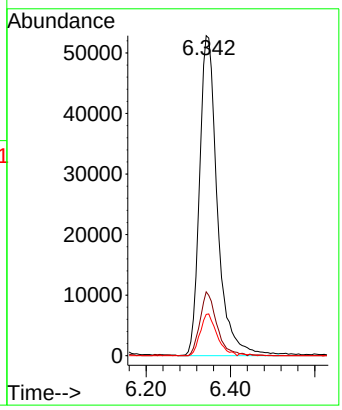


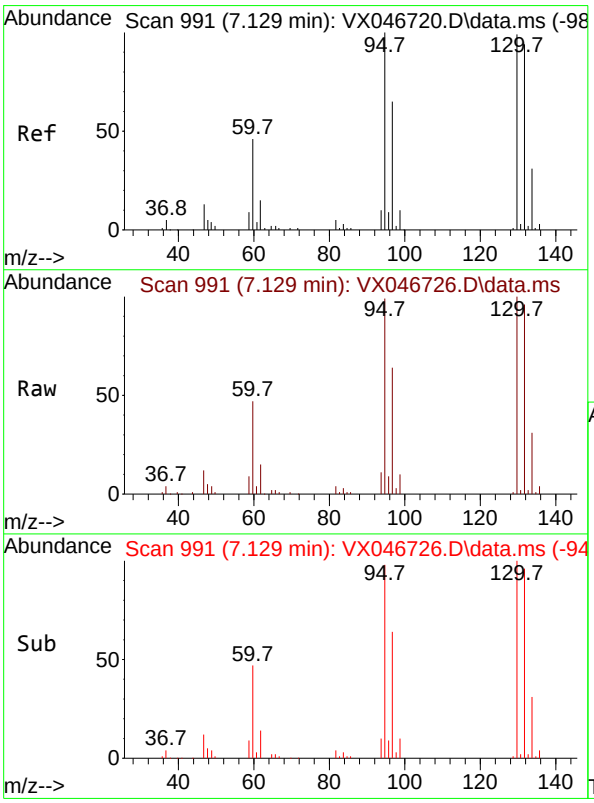
#43
Isopropyl Acetate
Concen: 53.888 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 43 Resp: 155773

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.3	22.9
87	12.2	10.0	15.0

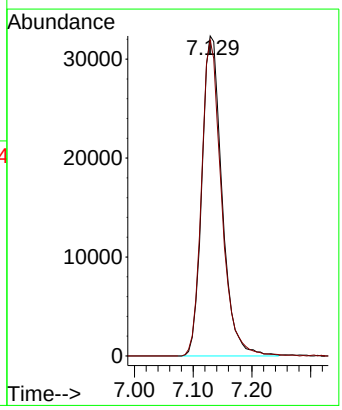


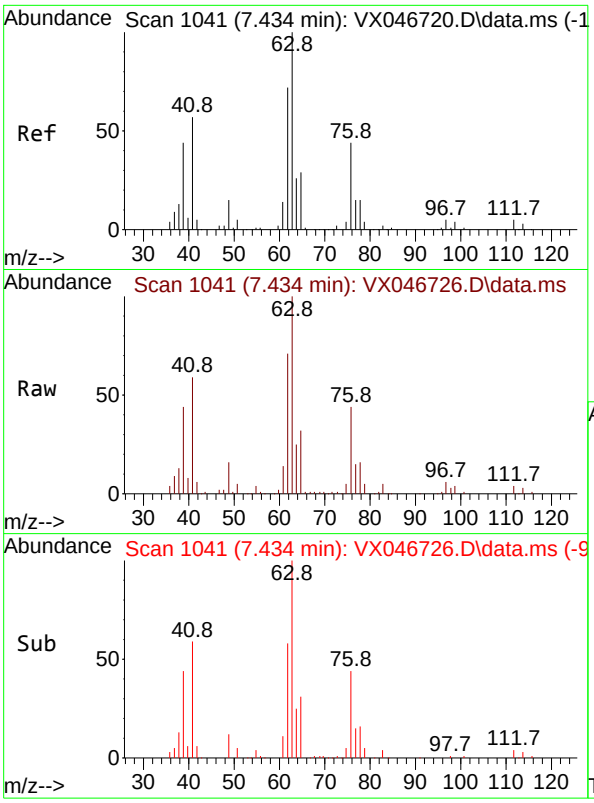


#44
Trichloroethene
Concen: 51.000 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:130 Resp: 76981

Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	202.6



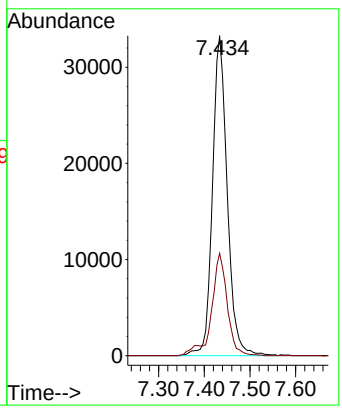


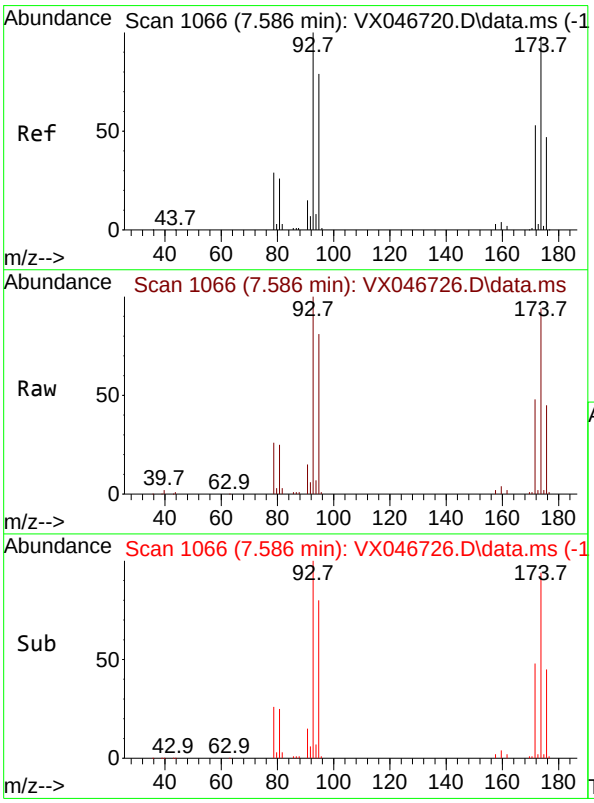
#45
1,2-Dichloropropane
Concen: 50.940 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 63 Resp: 74773

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.9	34.3

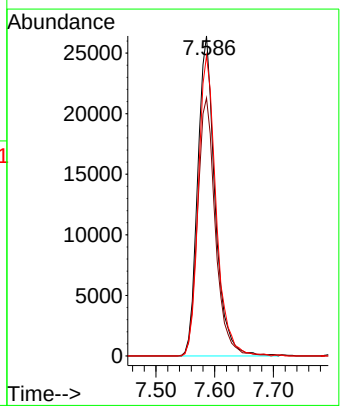


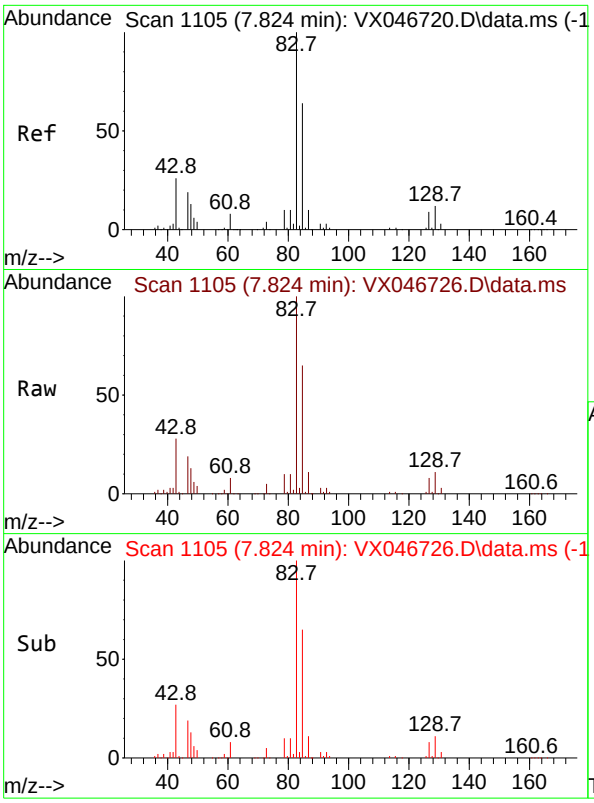


#46
Dibromomethane
Concen: 51.329 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 93 Resp: 54149

Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.2	99.4
174	96.3	77.0	115.6



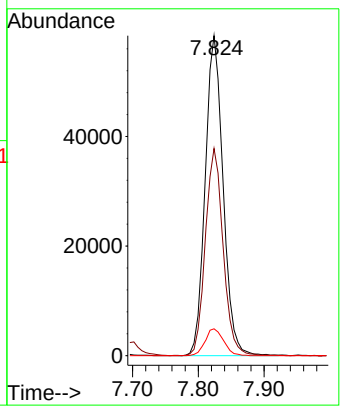


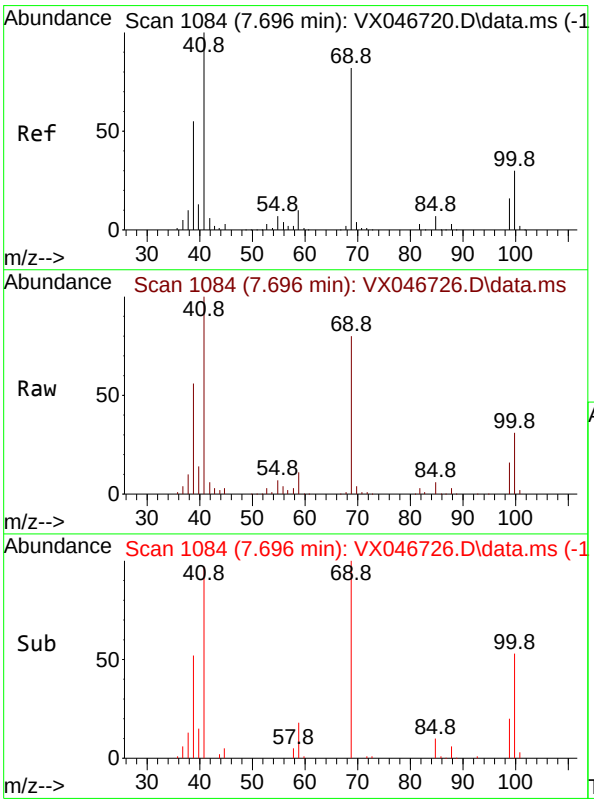
#47
Bromodichloromethane
Concen: 51.479 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 83 Resp: 110823

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.4	77.2
127	8.4	6.9	10.3

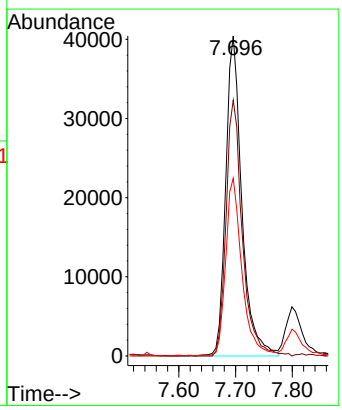


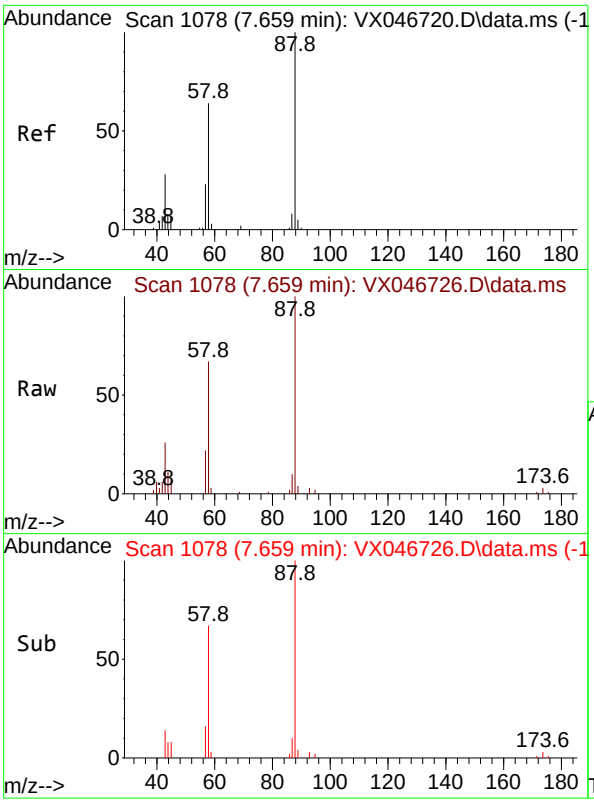


#48
Methyl methacrylate
Concen: 55.091 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 41 Resp: 79868

Ion	Ratio	Lower	Upper
41	100		
69	80.6	63.4	95.2
39	55.9	45.4	68.0



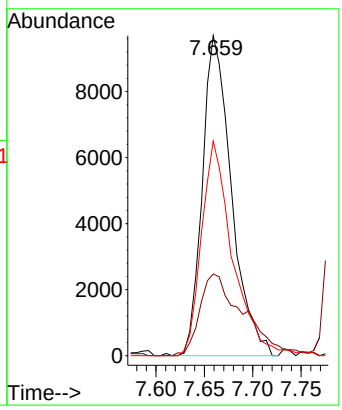


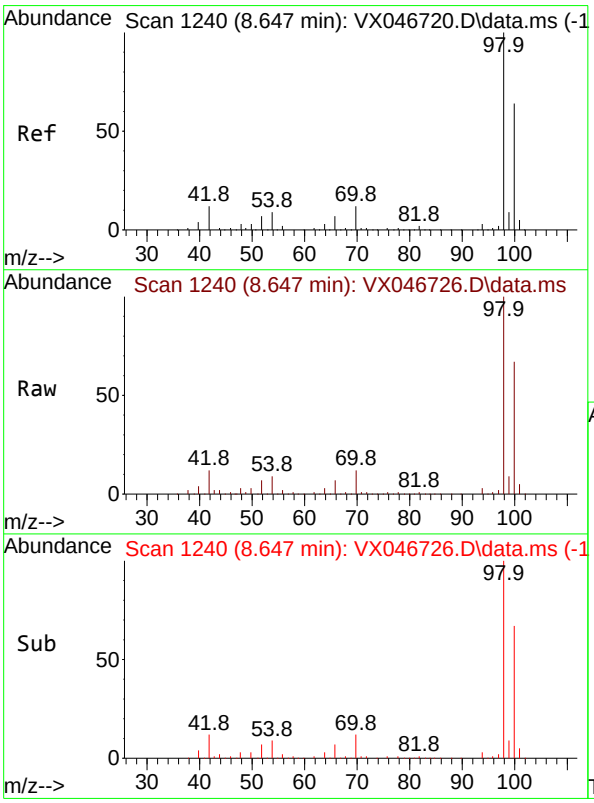
#49
1,4-Dioxane
Concen: 964.253 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 88 Resp: 20314

Ion	Ratio	Lower	Upper
88	100		
43	38.3	31.2	46.8
58	72.0	54.7	82.1

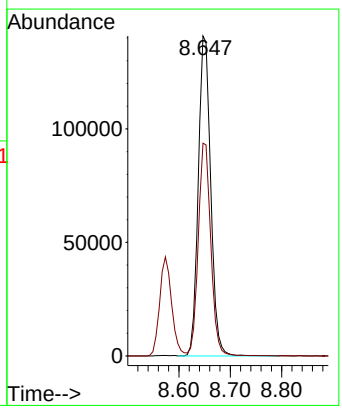


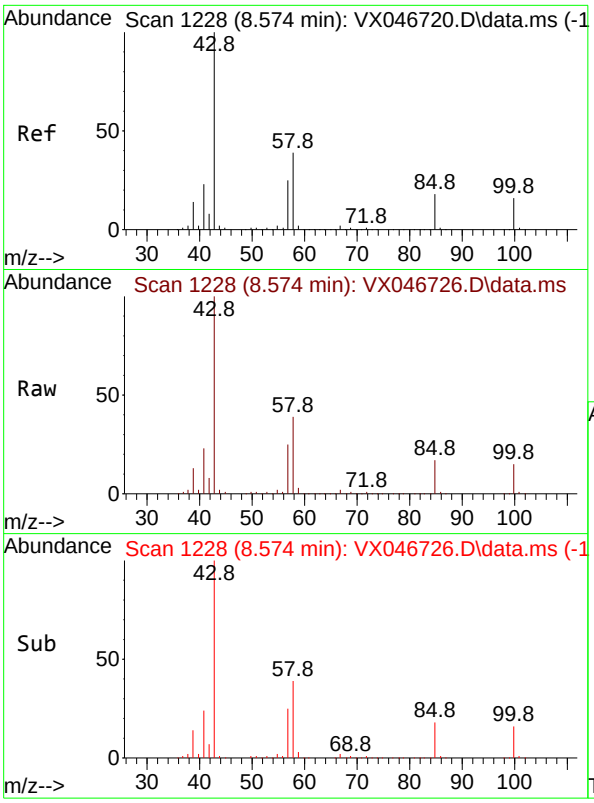


#50
Toluene-d8
Concen: 47.537 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 98 Resp: 236781

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4



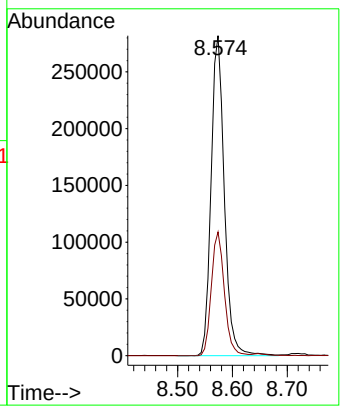


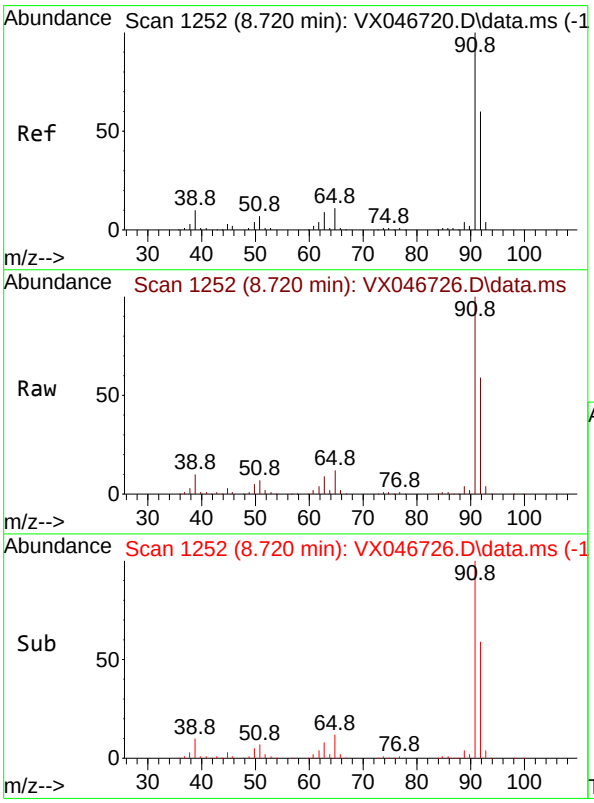
#51
4-Methyl-2-Pentanone
Concen: 272.916 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 43 Resp: 470527

Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.8	46.2

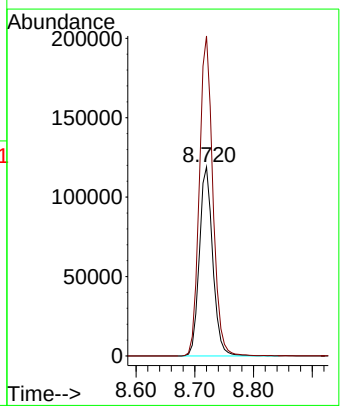


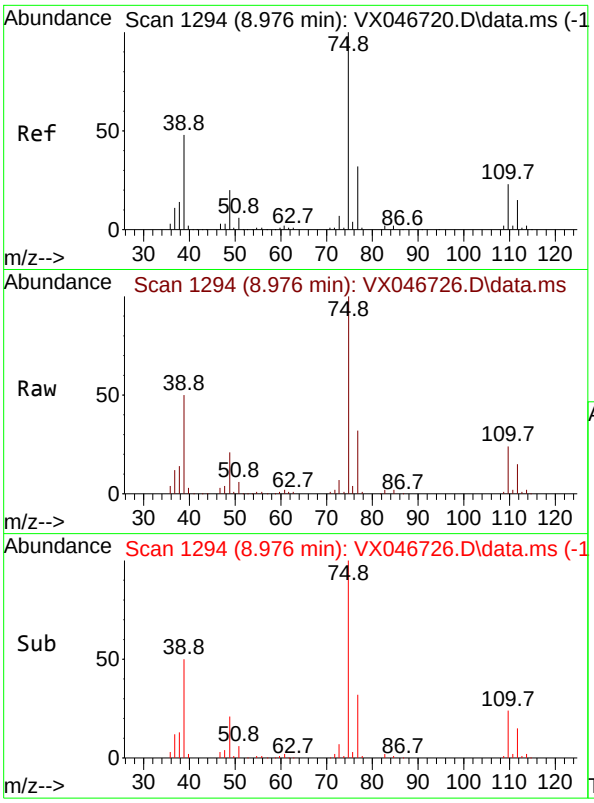


#52
Toluene
Concen: 51.237 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 92 Resp: 188131

Ion	Ratio	Lower	Upper
92	100		
91	170.4	134.8	202.2



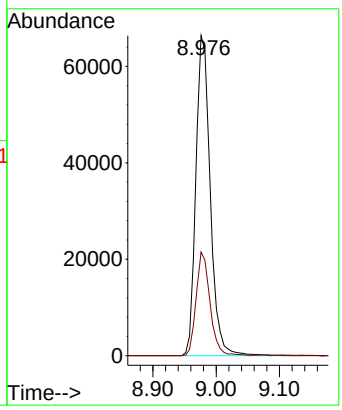


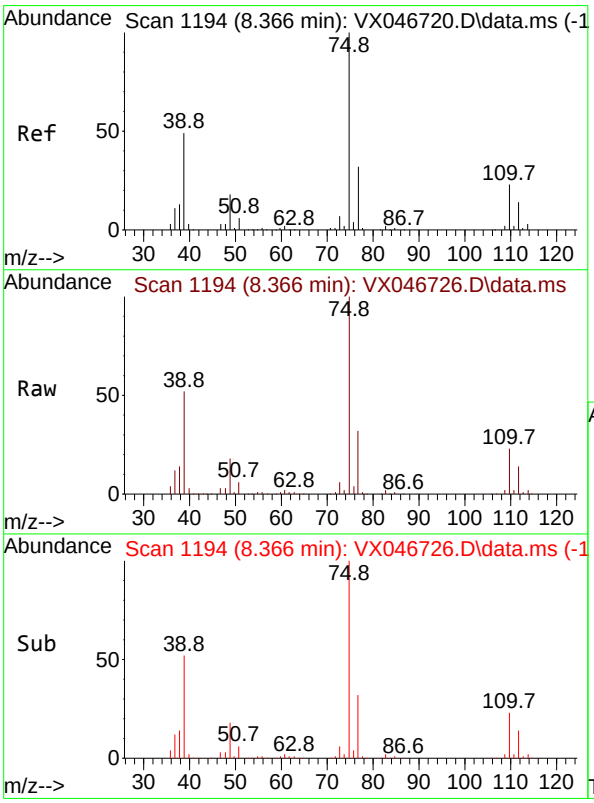
#53
t-1,3-Dichloropropene
Concen: 52.785 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 75 Resp: 105435

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.6	38.4

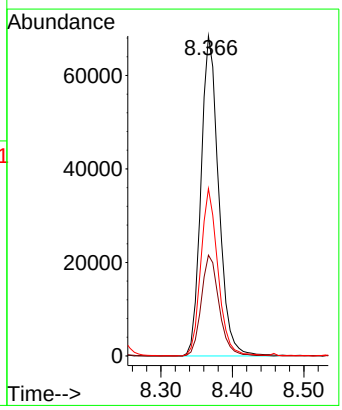


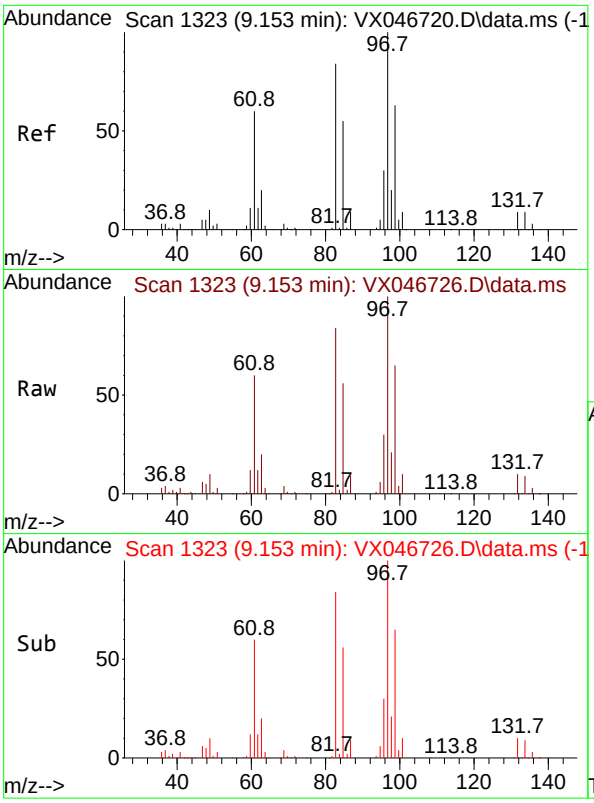


#54
cis-1,3-Dichloropropene
Concen: 51.813 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 75 Resp: 117487

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	52.2	39.2	58.8



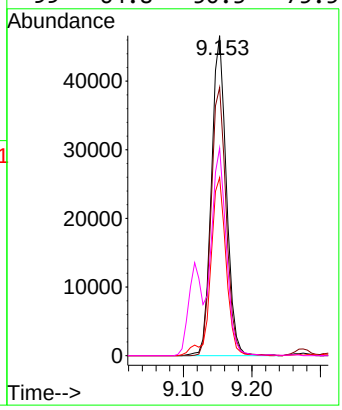


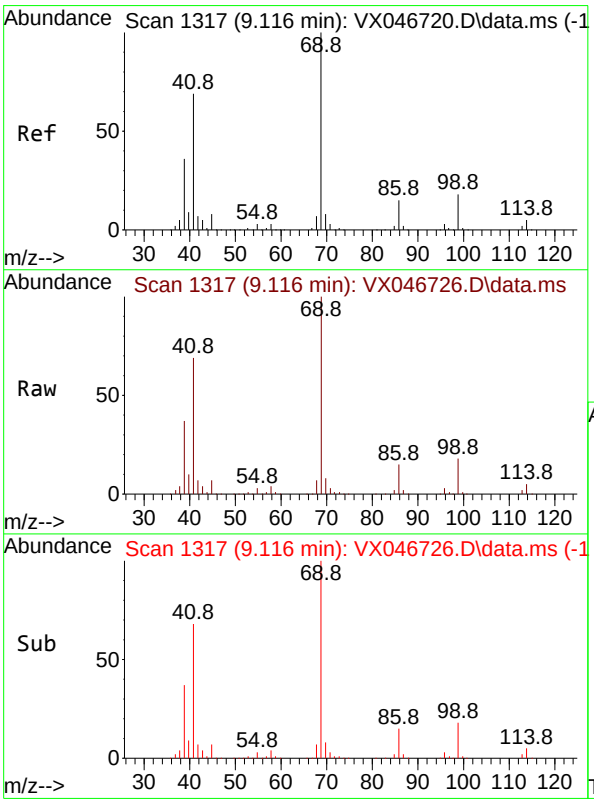
#55
1,1,2-Trichloroethane
Concen: 51.698 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 97 Resp: 70739

Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.2	100.8
85	55.5	44.1	66.1
99	64.8	50.3	75.5

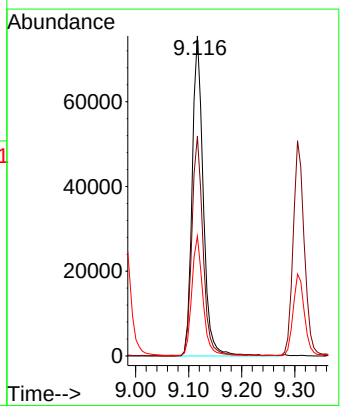


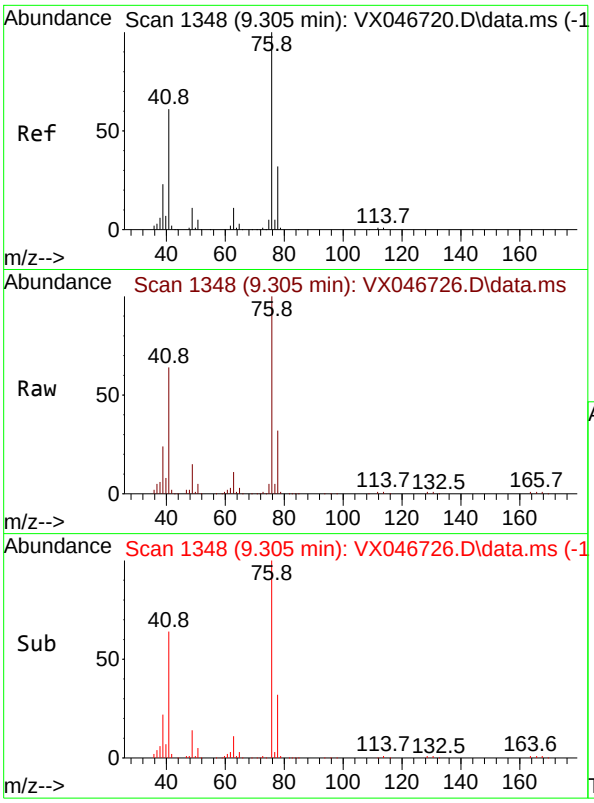


#56
Ethyl methacrylate
Concen: 54.266 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 69 Resp: 109612

Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	36.7	29.7	44.5



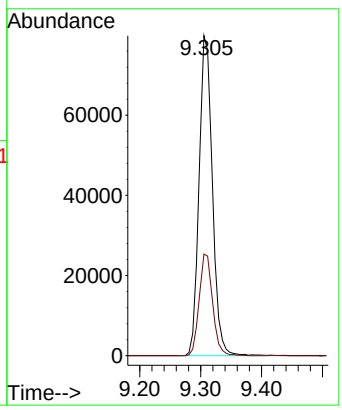


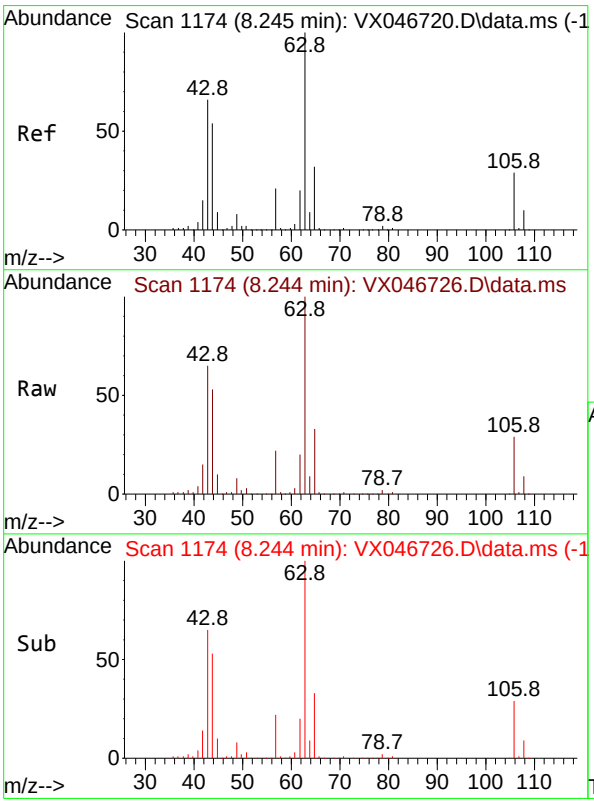
#57
1,3-Dichloropropane
Concen: 51.625 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 76 Resp: 121649

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.7	38.5

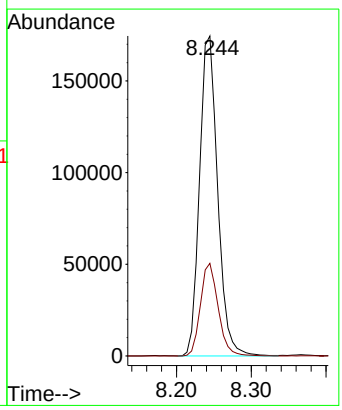


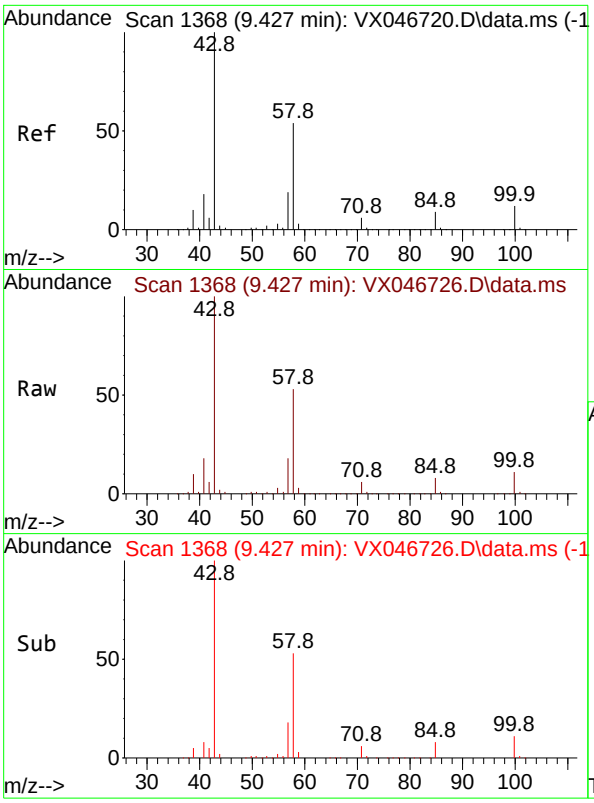


#58
2-Chloroethyl Vinyl ether
Concen: 279.922 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 63 Resp: 293709

Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.6	34.0



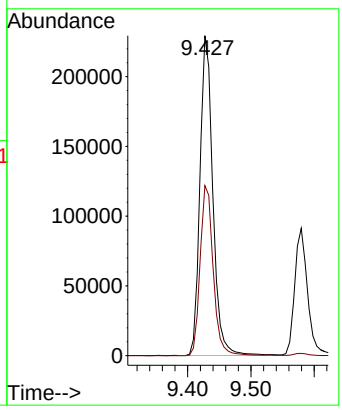


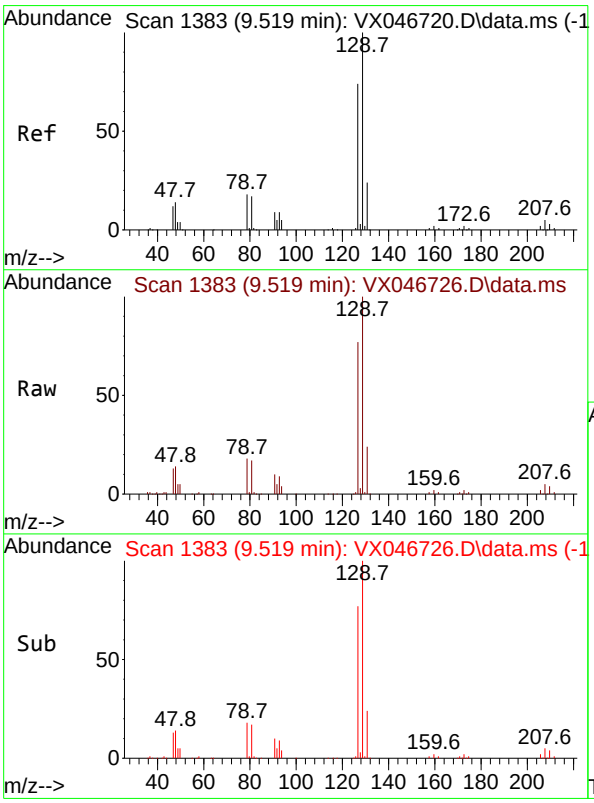
#59
2-Hexanone
Concen: 273.982 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 43 Resp: 326564

Ion	Ratio	Lower	Upper
43	100		
58	54.1	26.8	80.4

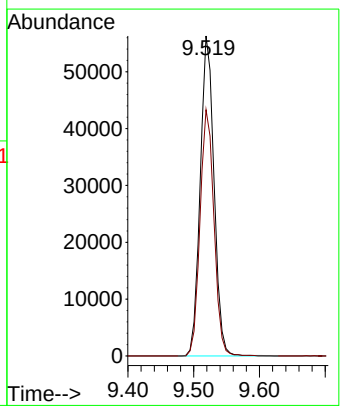


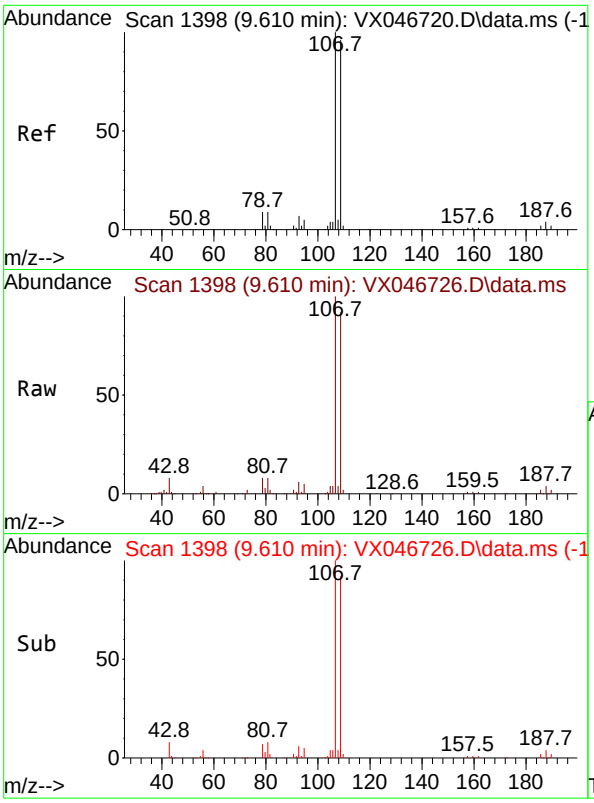


#60
Dibromochloromethane
Concen: 50.997 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:129 Resp: 82234

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2



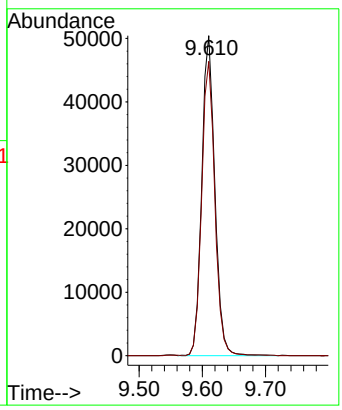


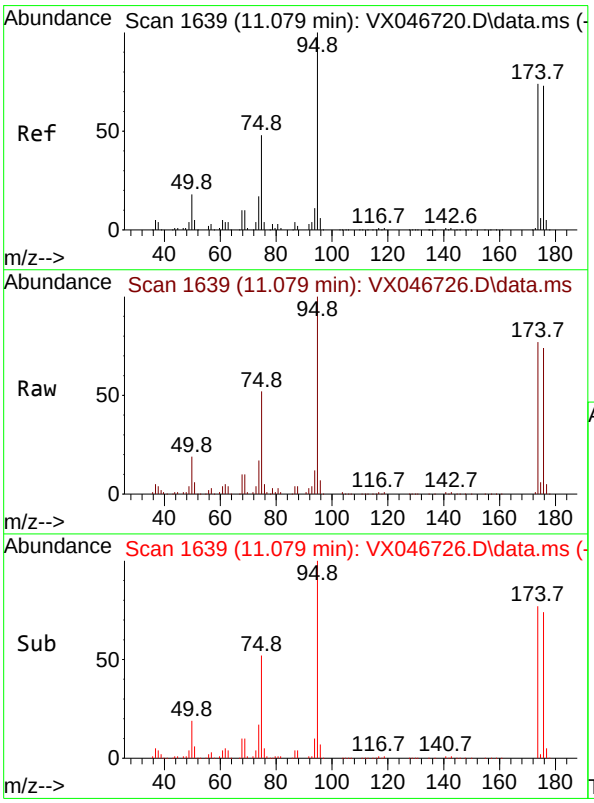
#61
1,2-Dibromoethane
Concen: 52.268 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:107 Resp: 72749

Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.8	113.6

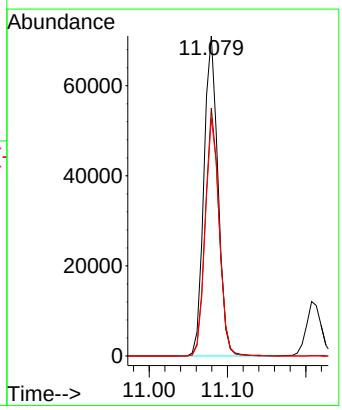


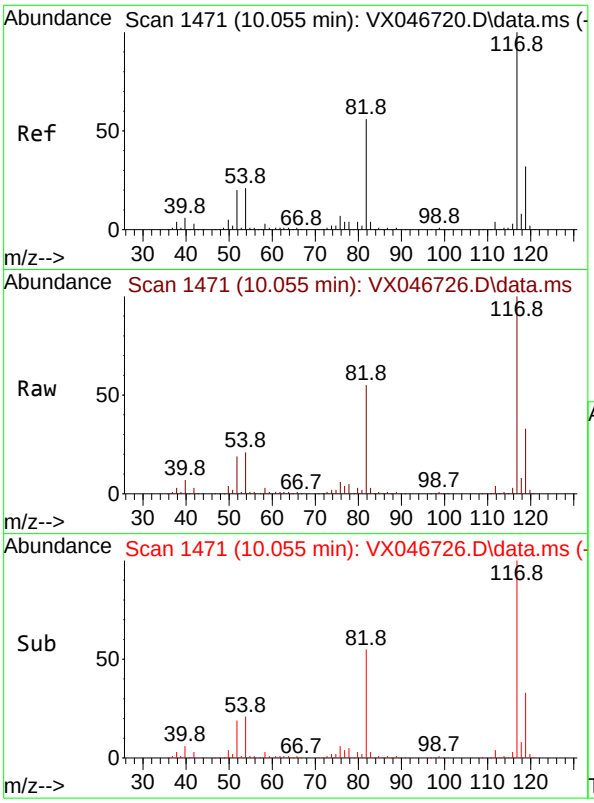


#62
4-Bromofluorobenzene
Concen: 47.712 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 95 Resp: 88588

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	150.4
176	73.6	0.0	145.0



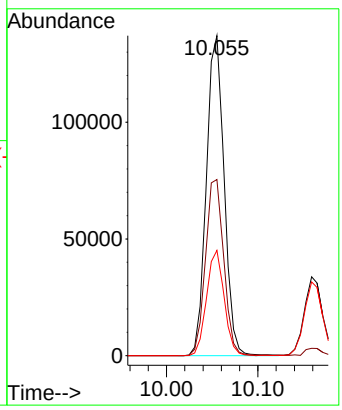


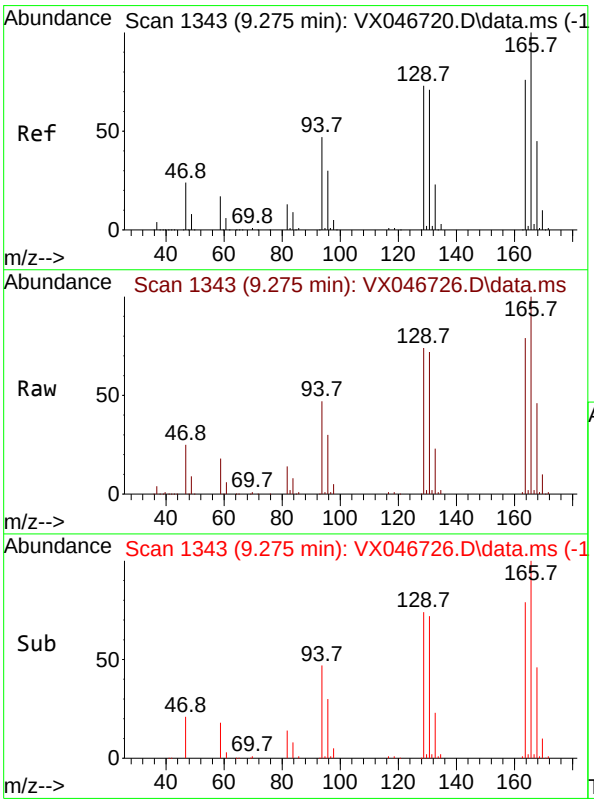
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:117 Resp: 184761

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	66.8
119	32.9	25.8	38.8

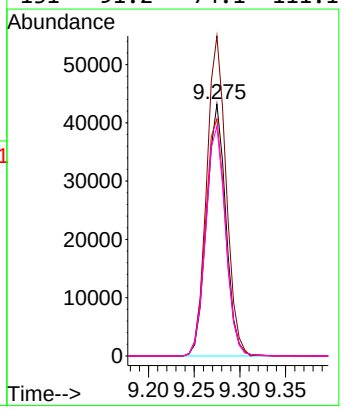


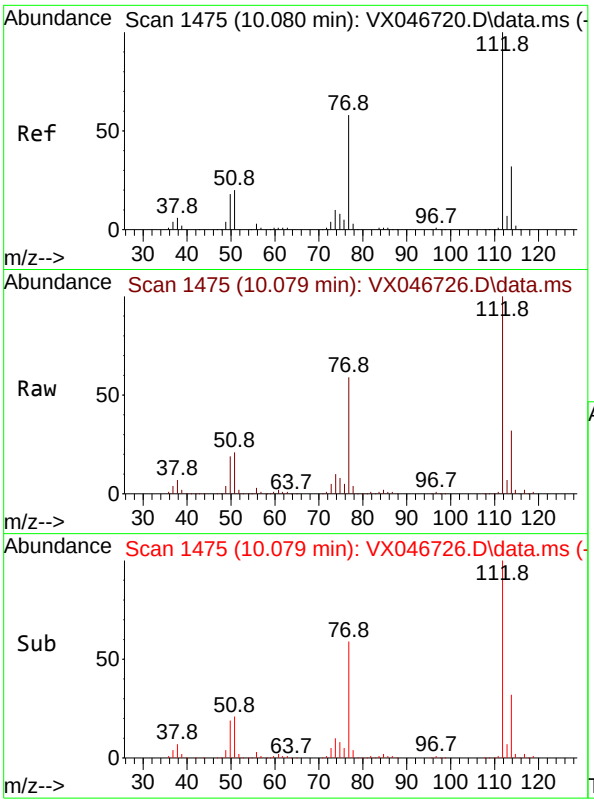


#64
Tetrachloroethene
Concen: 49.172 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:164 Resp: 62943

Ion	Ratio	Lower	Upper
164	100		
166	127.1	104.6	157.0
129	94.2	76.3	114.5
131	91.2	74.1	111.1



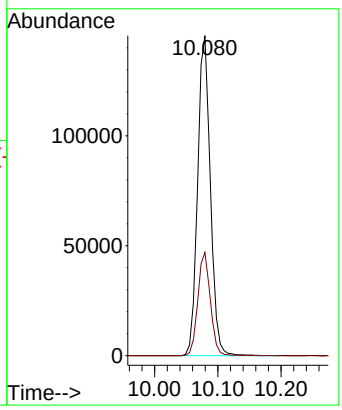


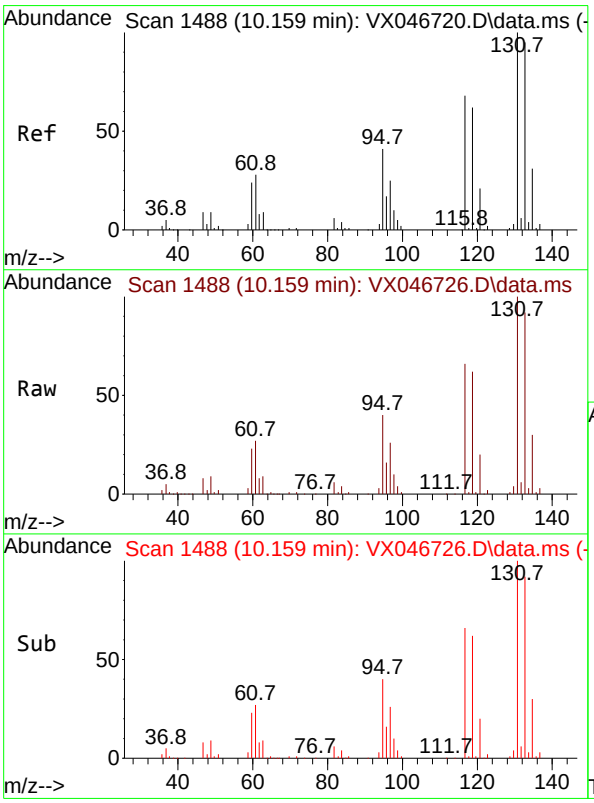
#65
Chlorobenzene
Concen: 50.006 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:112 Resp: 203947

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.5	38.3

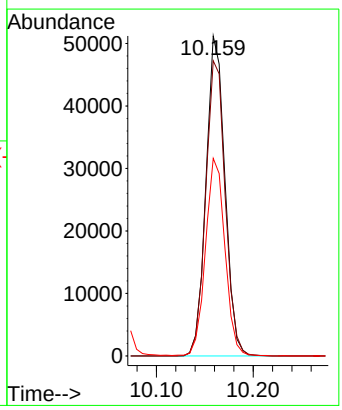


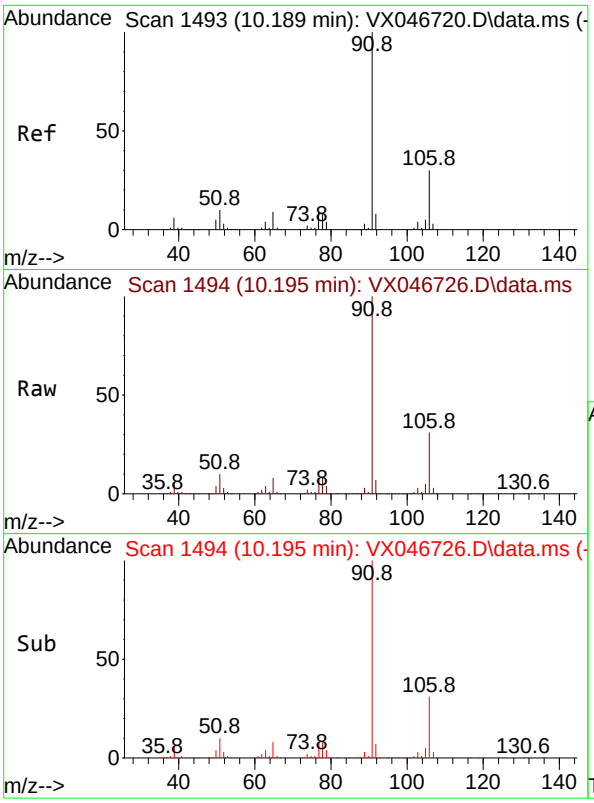


#66
1,1,1,2-Tetrachloroethane
Concen: 50.856 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:131 Resp: 69709

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	141.8
119	63.5	32.1	96.3



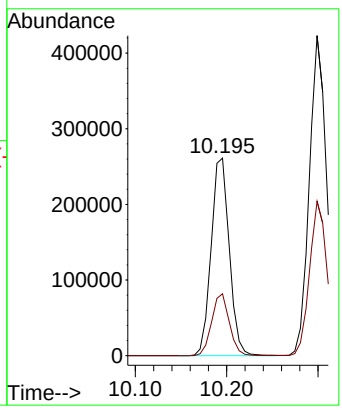


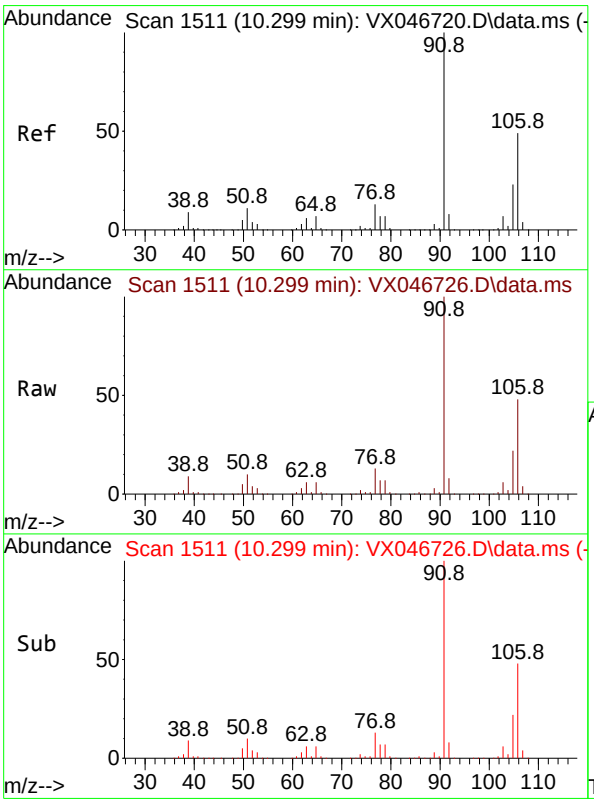
#67
Ethyl Benzene
Concen: 50.487 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 91 Resp: 359779

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.2	36.2

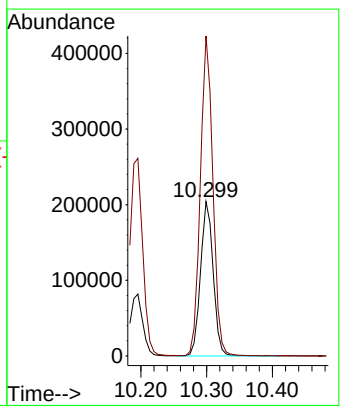


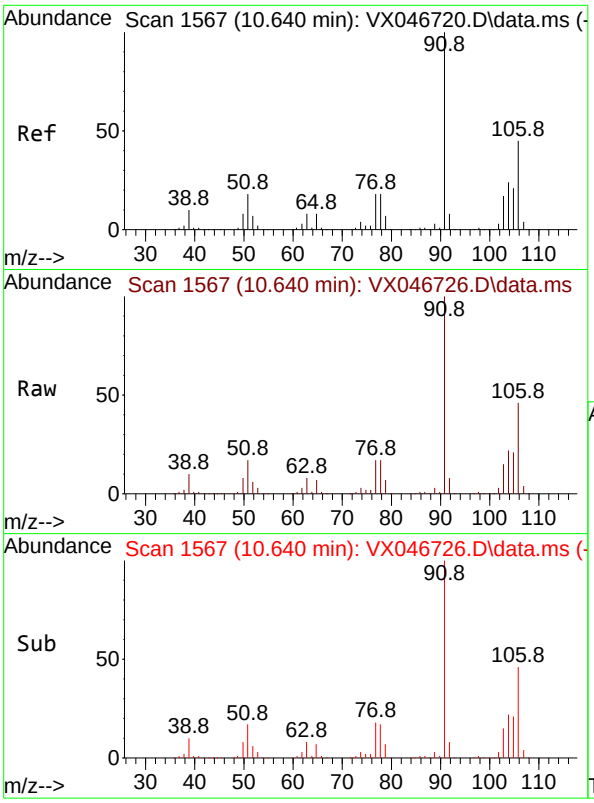


#68
m/p-Xylenes
Concen: 102.789 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:106 Resp: 272935

Ion	Ratio	Lower	Upper
106	100		
91	205.2	164.8	247.2



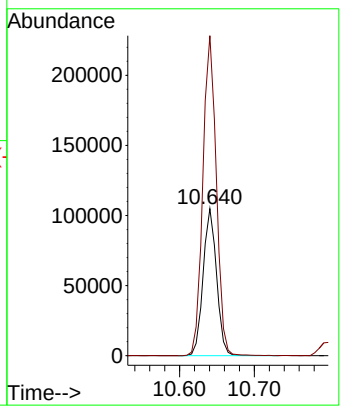


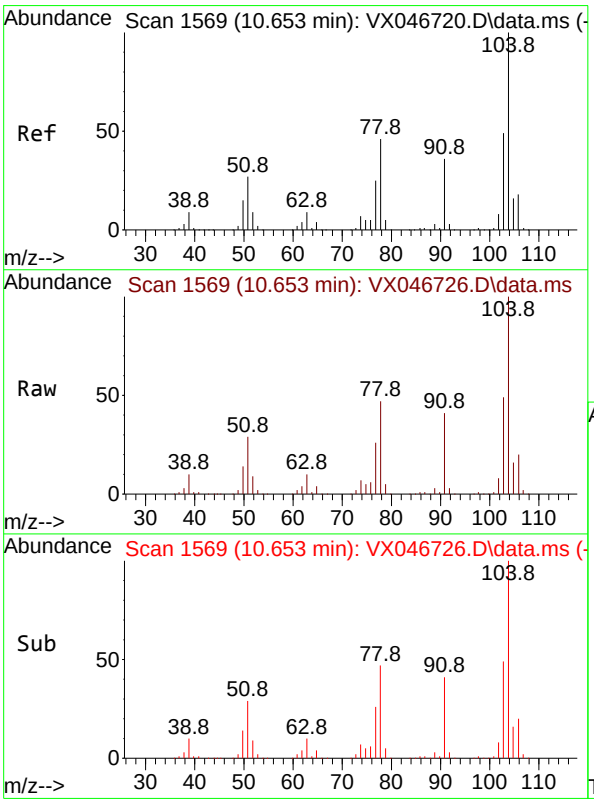
#69
o-Xylene
Concen: 52.635 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:106 Resp: 130980

Ion	Ratio	Lower	Upper
106	100		
91	218.4	111.3	333.9

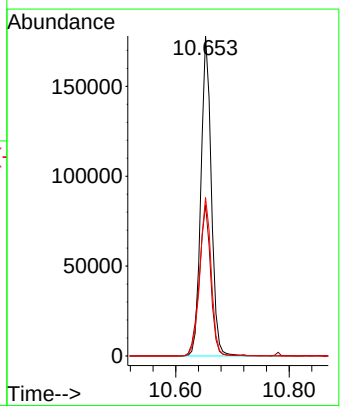


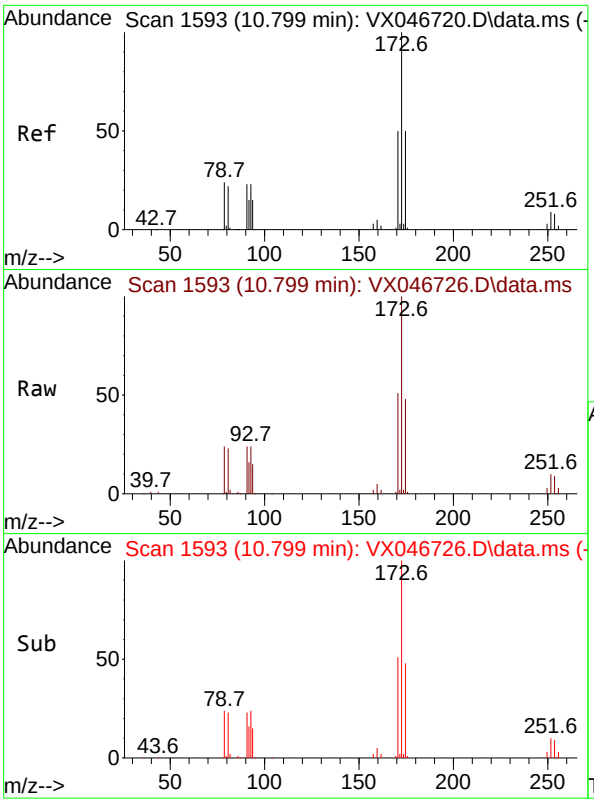


#70
Styrene
Concen: 52.139 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:104 Resp: 227060

Ion	Ratio	Lower	Upper
104	100		
78	51.7	41.4	62.2
103	54.1	43.1	64.7



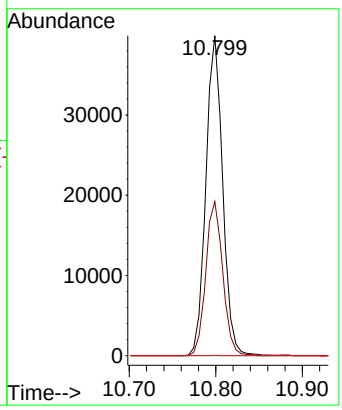


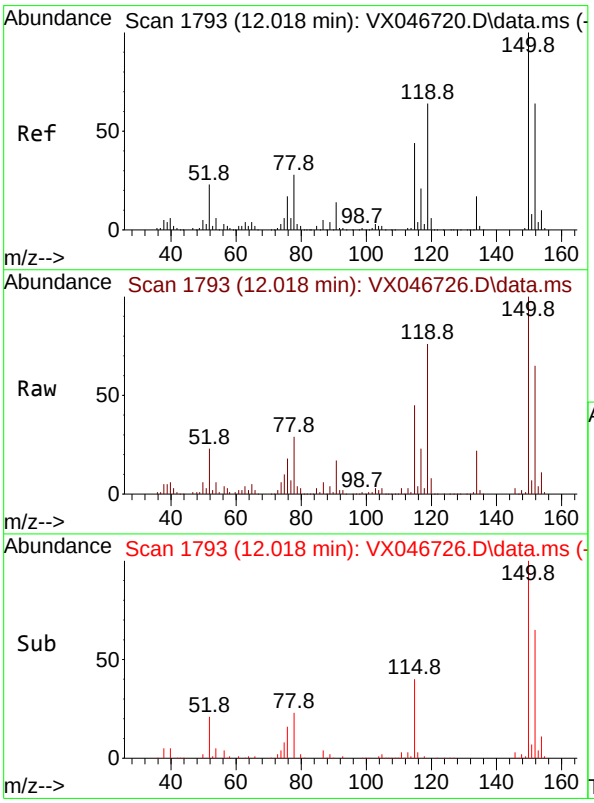
#71
Bromoform
Concen: 51.404 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:173 Resp: 53660

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.4
254	0.0	0.1	0.1#

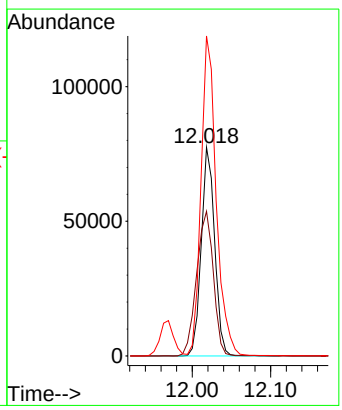


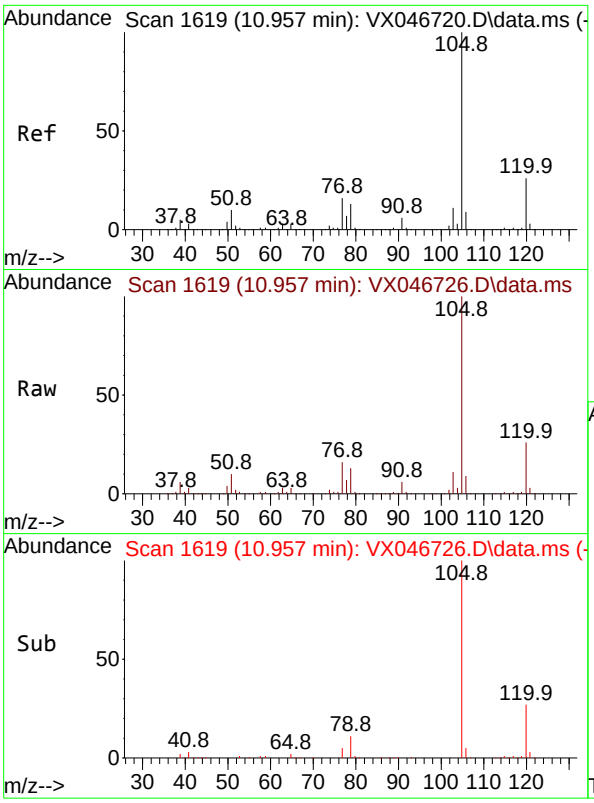


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:152 Resp: 91992

Ion	Ratio	Lower	Upper
152	100		
115	86.9	43.2	129.6
150	174.0	0.0	346.8



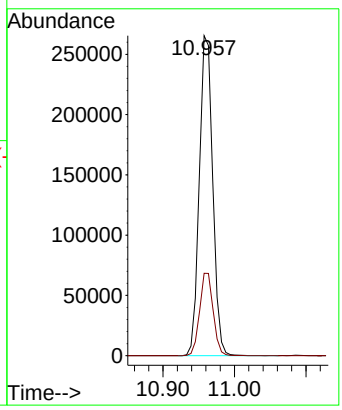


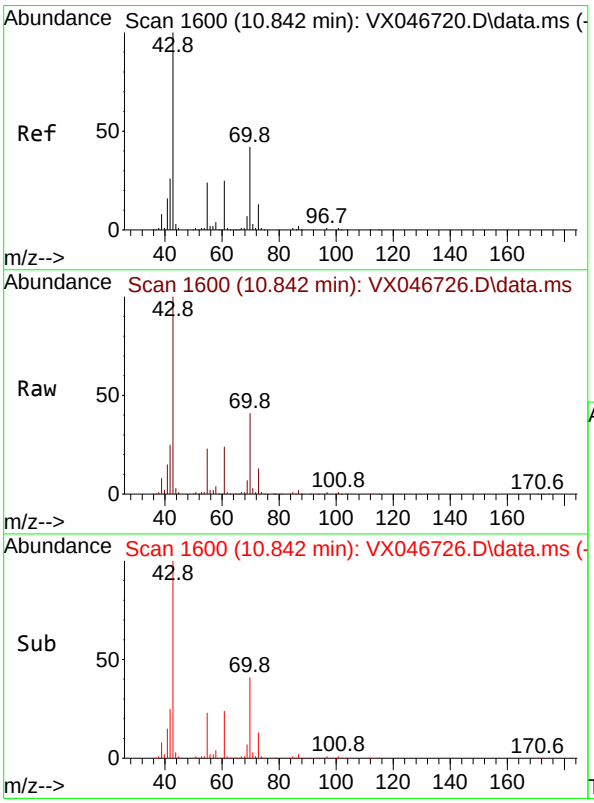
#73
Isopropylbenzene
Concen: 51.083 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:105 Resp: 346098

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	39.0

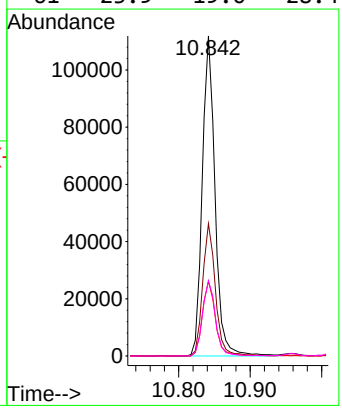


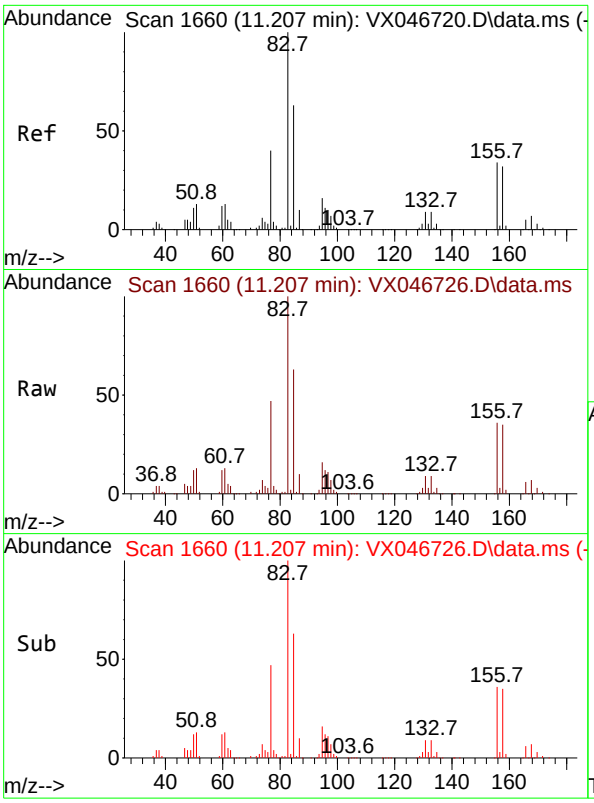


#74
N-amyl acetate
Concen: 54.107 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 43 Resp: 138890

Ion	Ratio	Lower	Upper
43	100		
70	41.5	33.4	50.0
55	23.9	19.1	28.7
61	23.9	19.0	28.4



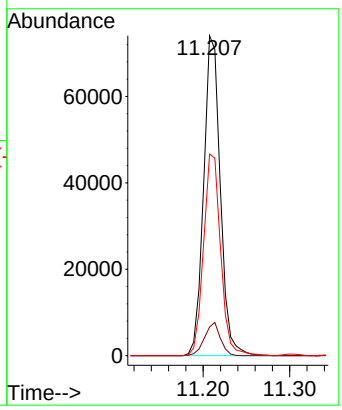


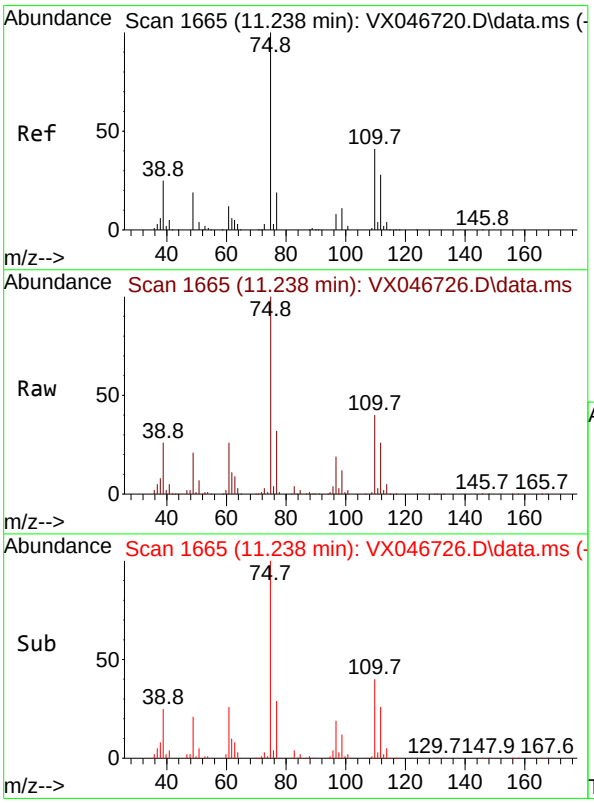
#75
1,1,2,2-Tetrachloroethane
Concen: 52.310 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 83 Resp: 98960

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.6
85	64.7	32.0	96.0

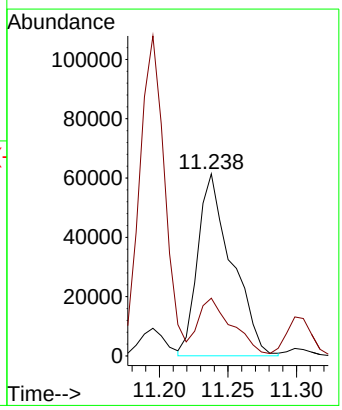


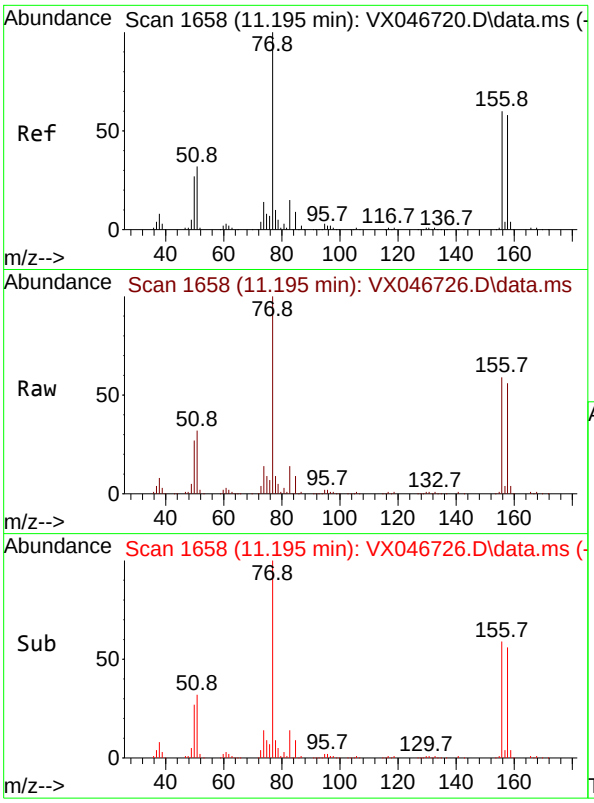


#76
1,2,3-Trichloropropane
Concen: 62.974 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 75 Resp: 106102

Ion	Ratio	Lower	Upper
75	100		
77	32.1	18.5	55.5



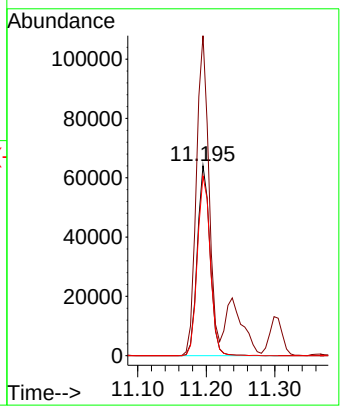


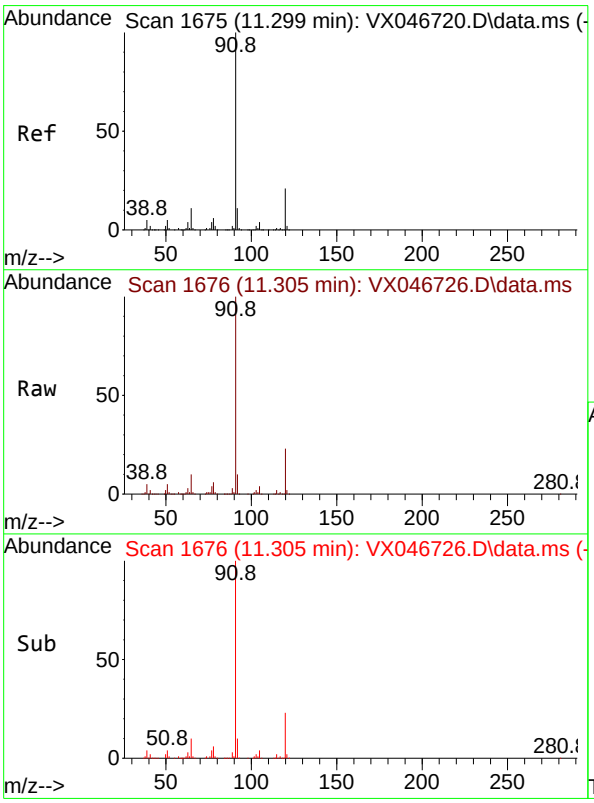
#77
Bromobenzene
Concen: 50.611 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:156 Resp: 82515

Ion	Ratio	Lower	Upper
156	100		
77	167.0	82.8	248.6
158	96.2	47.6	142.9

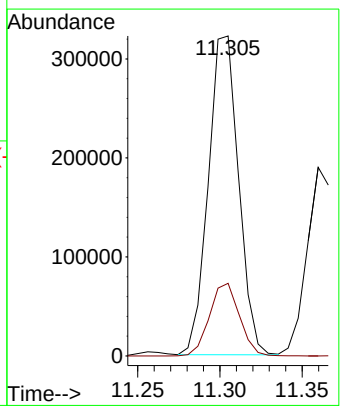


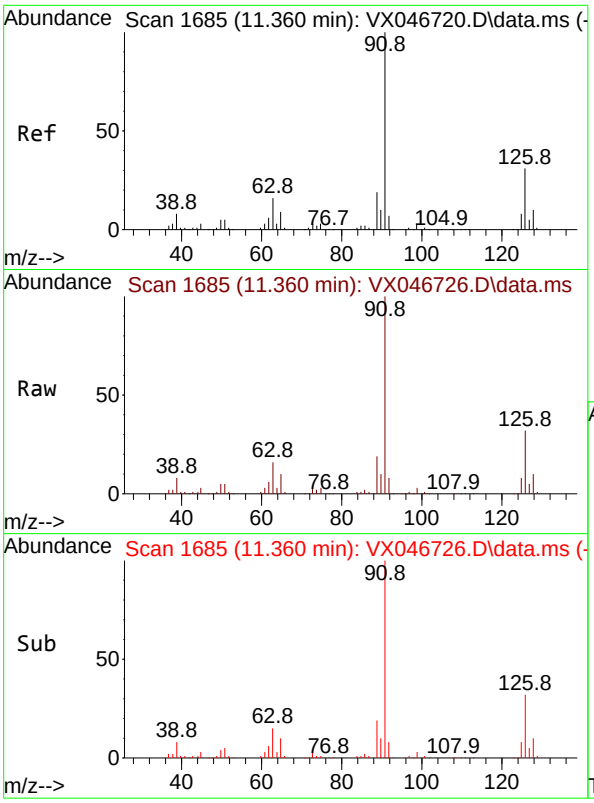


#78
n-propylbenzene
Concen: 51.240 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 91 Resp: 412345

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1



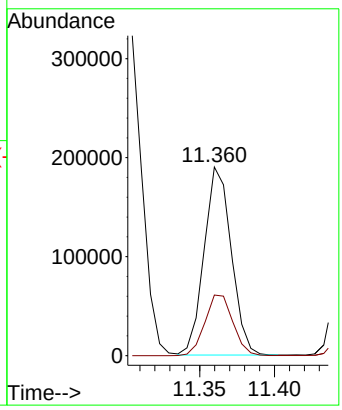


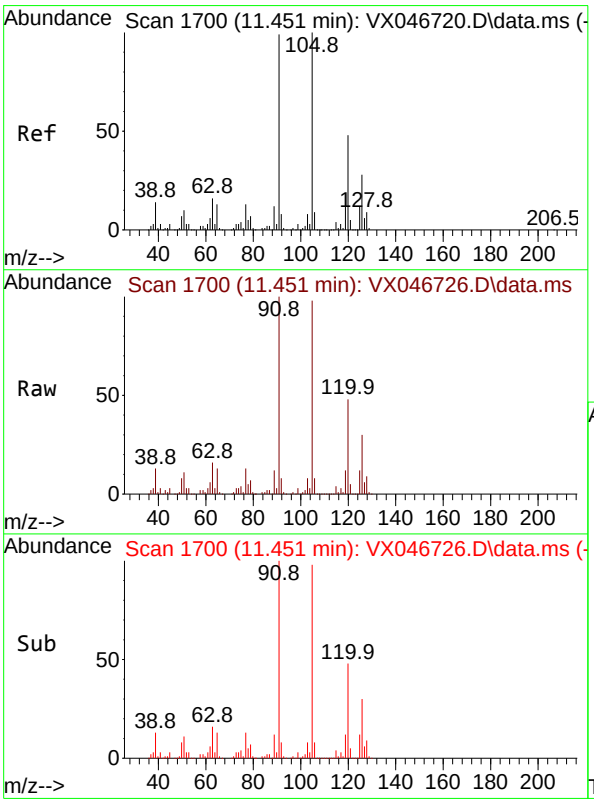
#79
2-Chlorotoluene
Concen: 49.931 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 91 Resp: 239904

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.6	49.7

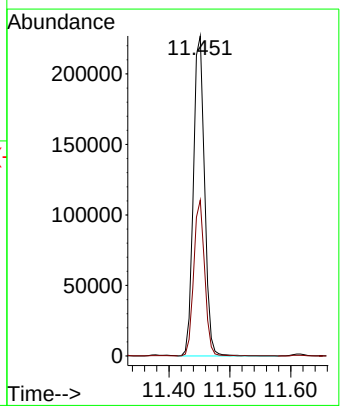


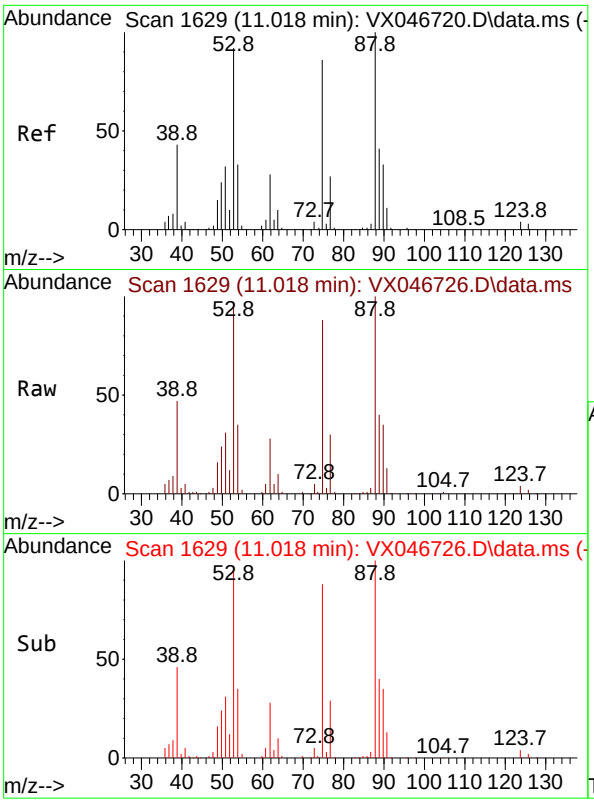


#80
1,3,5-Trimethylbenzene
Concen: 51.746 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:105 Resp: 288104

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.1	72.2



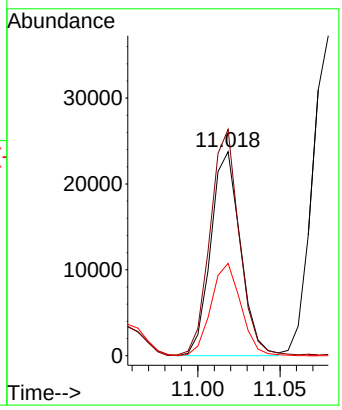


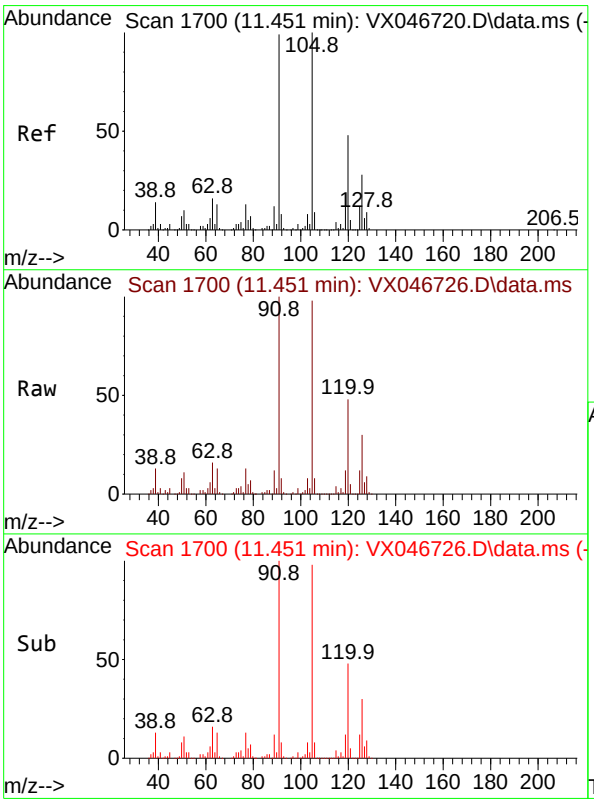
#81
trans-1,4-Dichloro-2-butene
Concen: 50.210 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 75 Resp: 29929

Ion	Ratio	Lower	Upper
75	100		
53	109.9	86.8	130.2
89	45.3	36.9	55.3

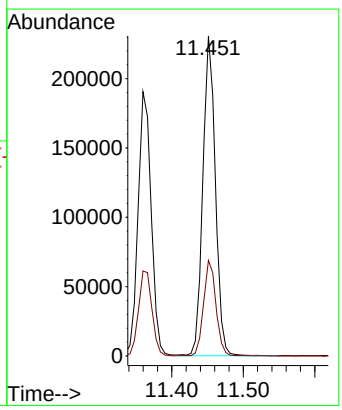


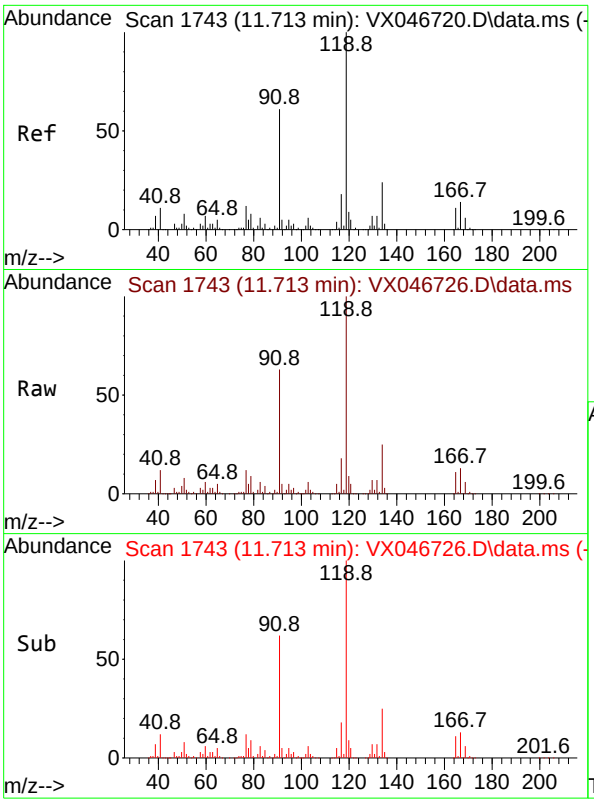


#82
4-Chlorotoluene
Concen: 50.085 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 91 Resp: 280848

Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.4	43.2



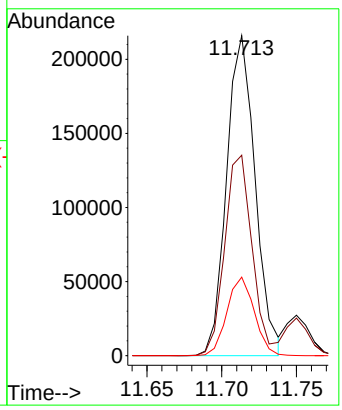


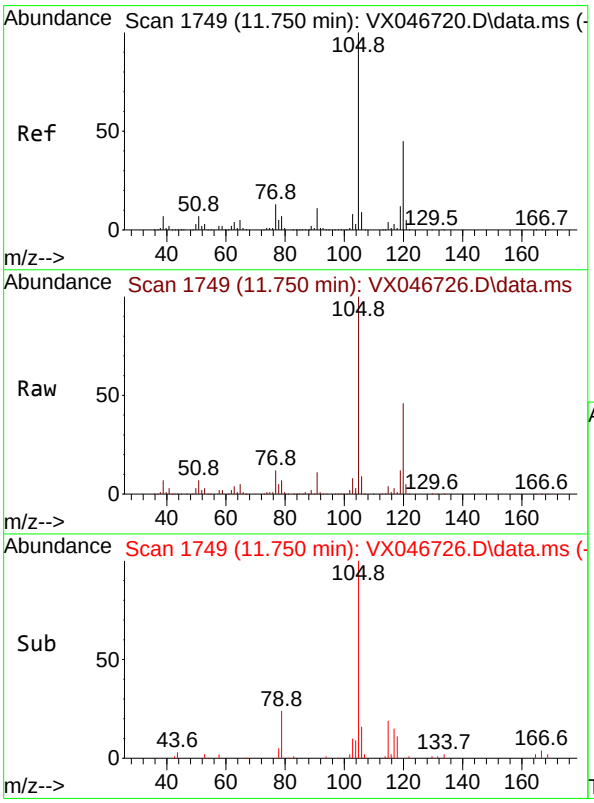
#83
tert-Butylbenzene
Concen: 49.958 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:119 Resp: 287513

Ion	Ratio	Lower	Upper
119	100		
91	60.6	29.5	88.6
134	23.5	11.7	35.0

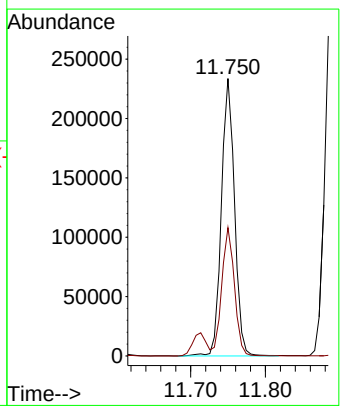


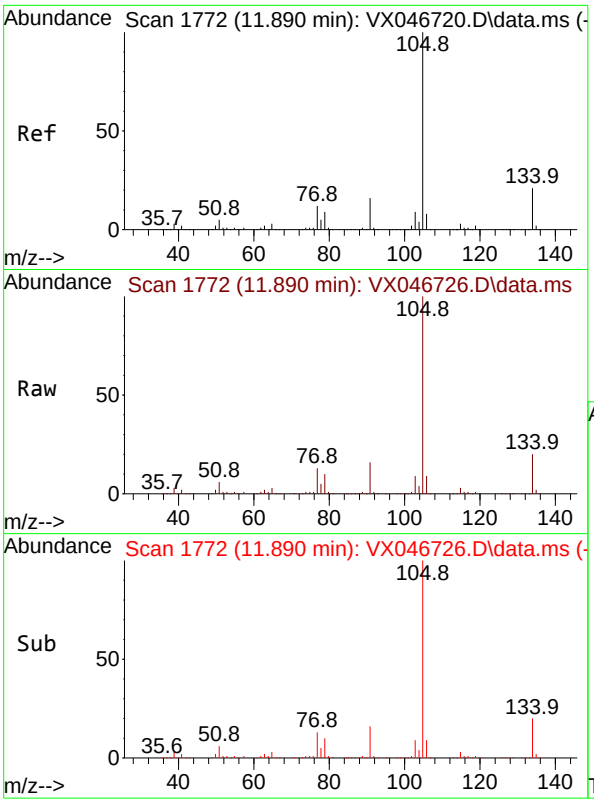


#84
1,2,4-Trimethylbenzene
Concen: 51.193 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:105 Resp: 286365

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.3



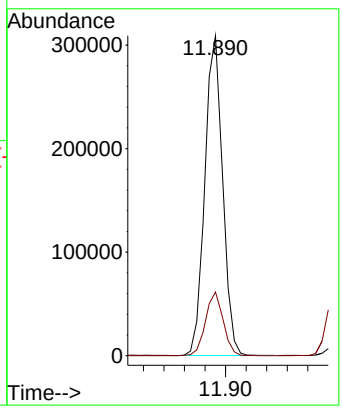


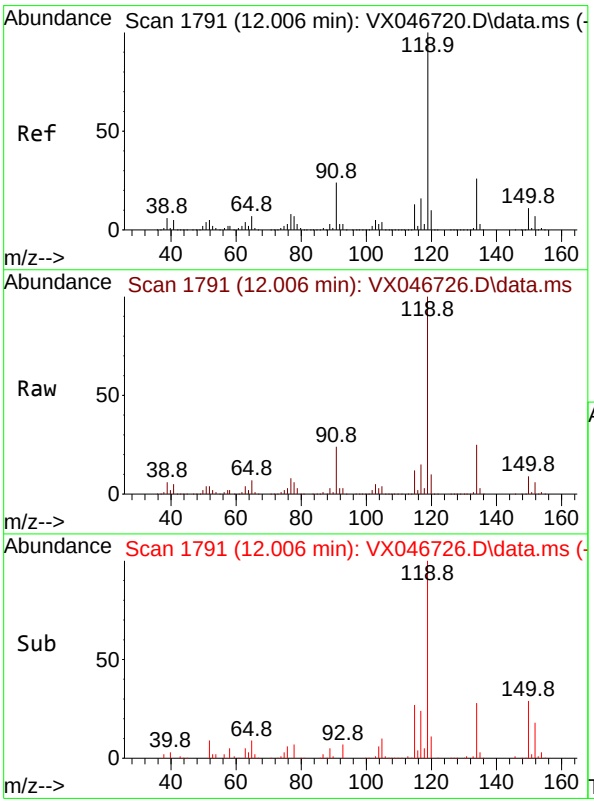
#85
sec-Butylbenzene
Concen: 51.079 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:105 Resp: 371523

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4

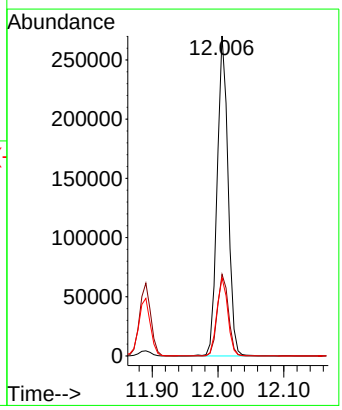


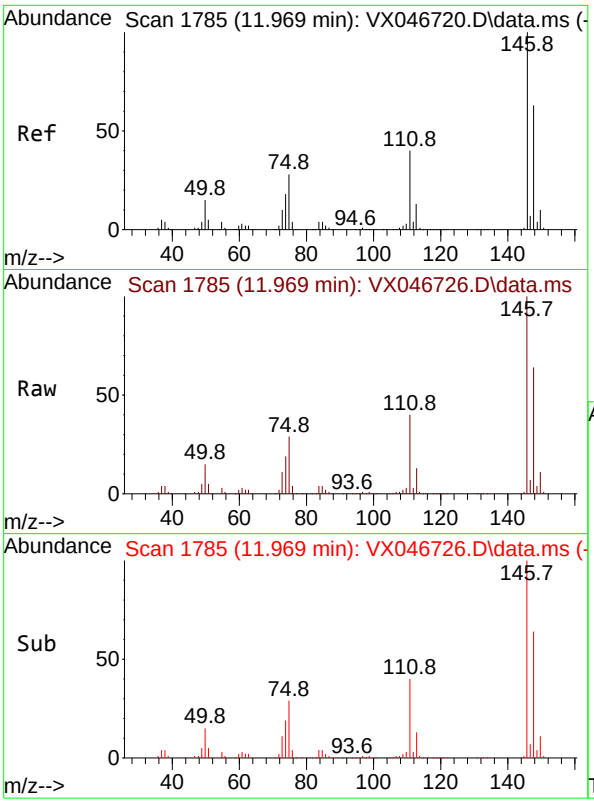


#86
p-Isopropyltoluene
Concen: 50.791 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:119 Resp: 311698

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	24.6	12.3	36.9



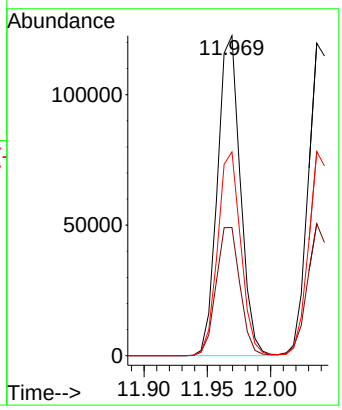


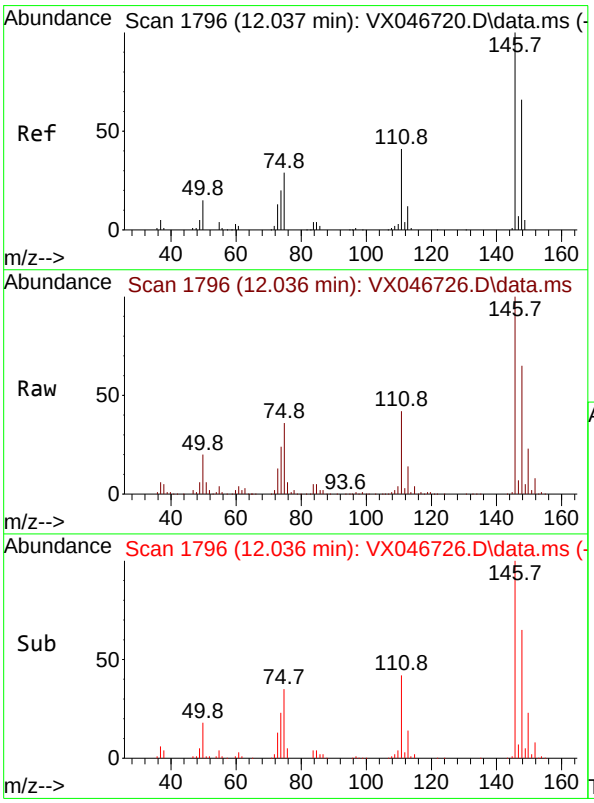
#87
1,3-Dichlorobenzene
Concen: 48.501 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:146 Resp: 154181

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.6	61.8
148	64.2	31.6	94.8

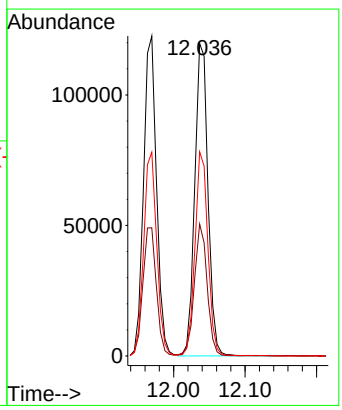


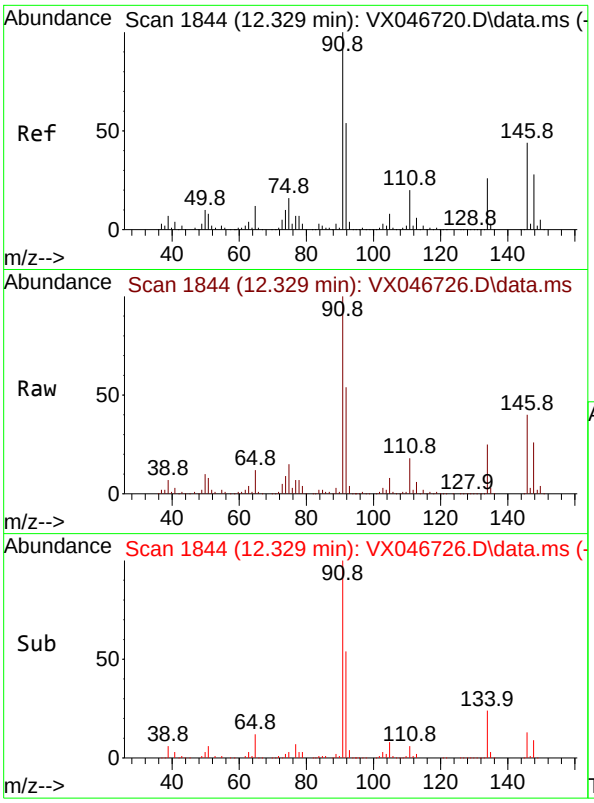


#88
1,4-Dichlorobenzene
Concen: 46.906 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:146 Resp: 153158

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	64.0	32.1	96.5



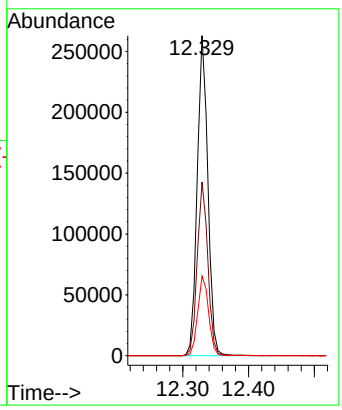


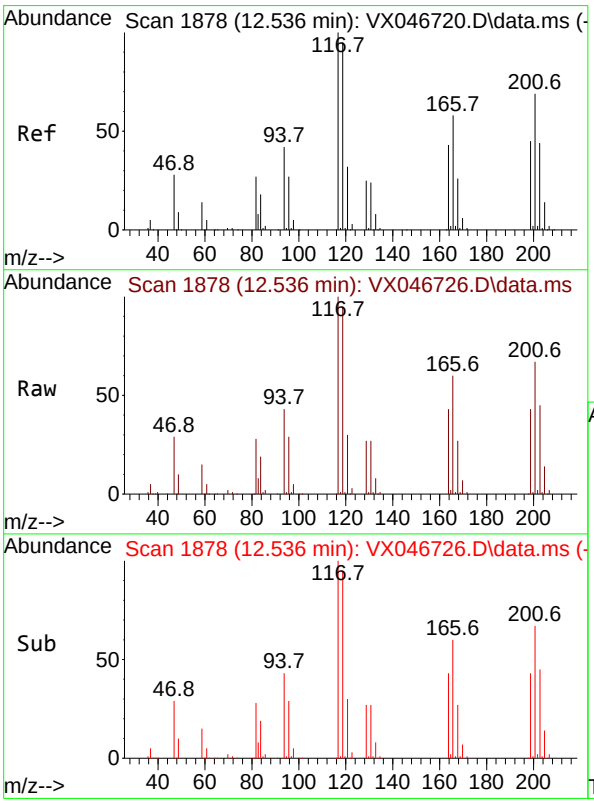
#89
n-Butylbenzene
Concen: 50.829 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion: 91 Resp: 296174

Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	25.4	12.9	38.6

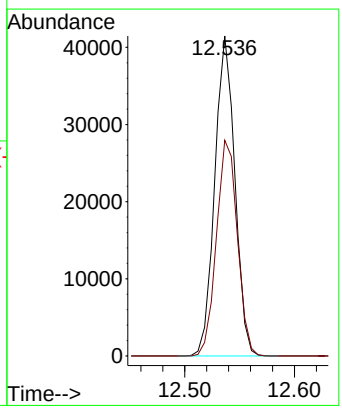


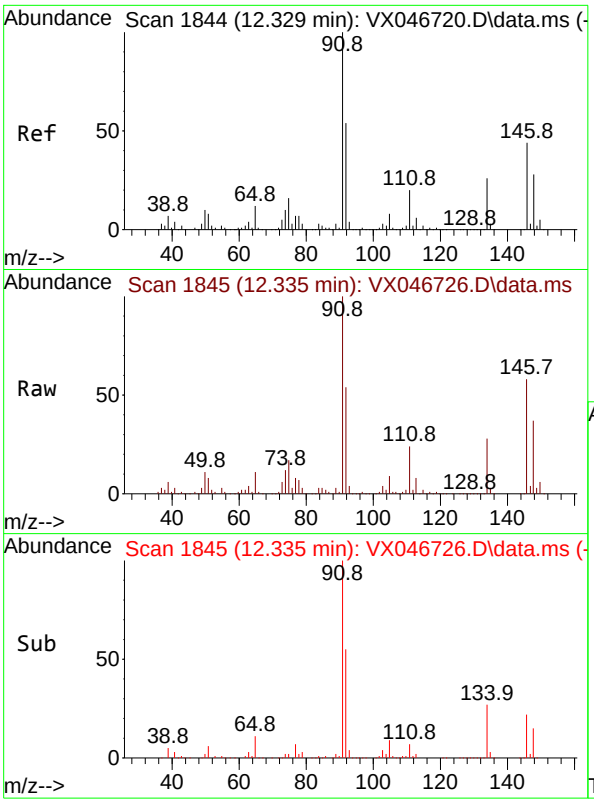


#90
Hexachloroethane
Concen: 49.161 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:117 Resp: 52831

Ion	Ratio	Lower	Upper
117	100		
201	70.3	34.4	103.3



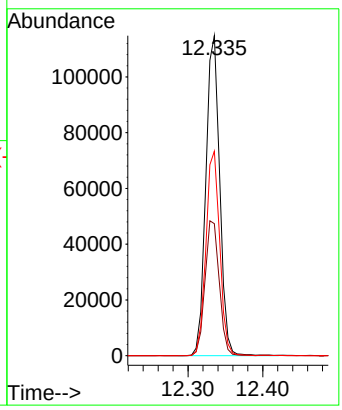


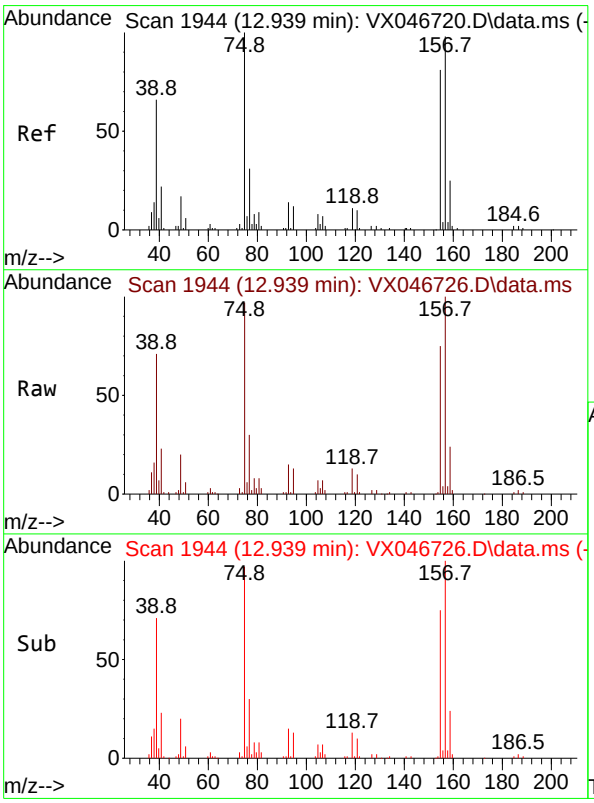
#91
1,2-Dichlorobenzene
Concen: 49.672 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:146 Resp: 147561

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.7	65.1
148	63.5	32.0	96.2

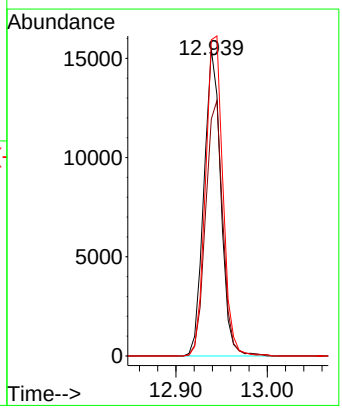


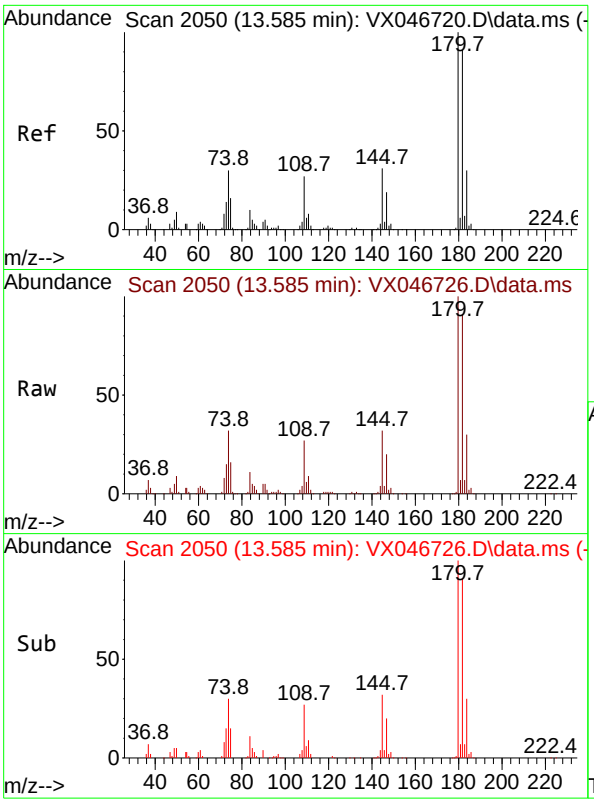


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.151 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion: 75 Resp: 19851

Ion	Ratio	Lower	Upper
75	100		
155	84.6	41.9	125.7
157	107.2	51.4	154.3



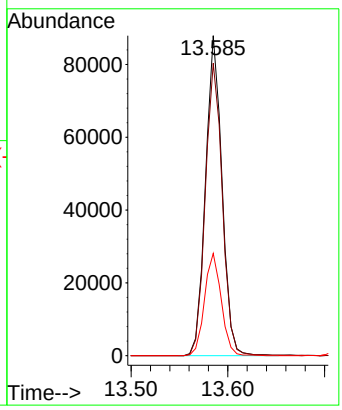


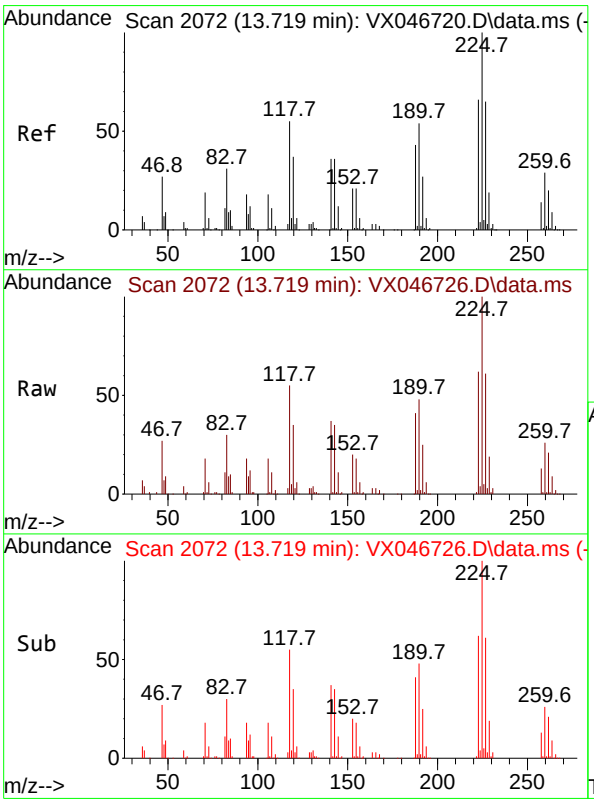
#93
1,2,4-Trichlorobenzene
Concen: 49.369 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:180 Resp: 104267

Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.7	140.1
145	32.5	15.8	47.4

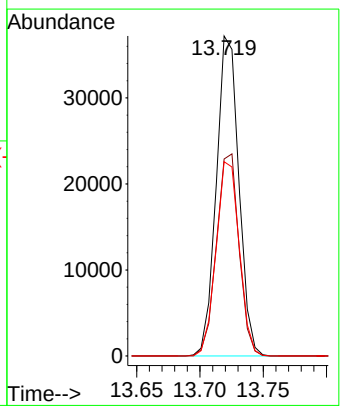


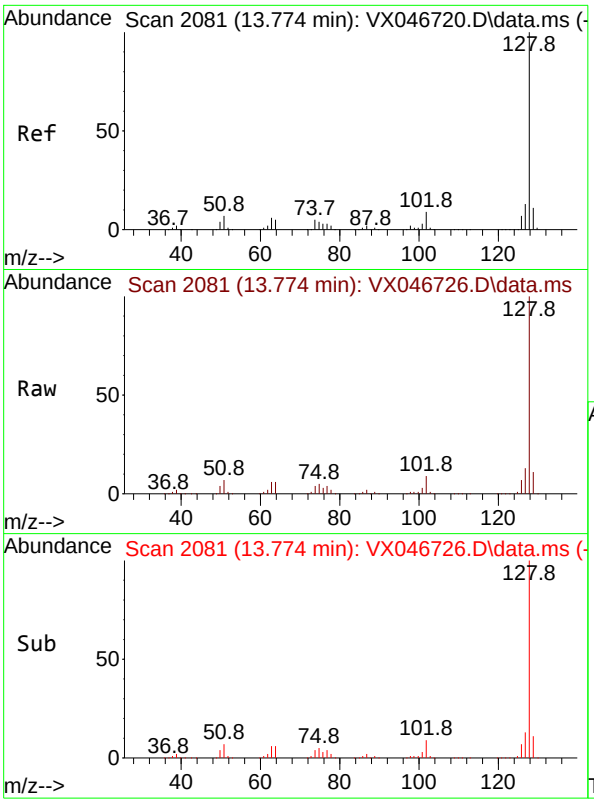


#94
Hexachlorobutadiene
Concen: 51.729 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:225 Resp: 45958

Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.5	97.5
227	62.5	32.2	96.6



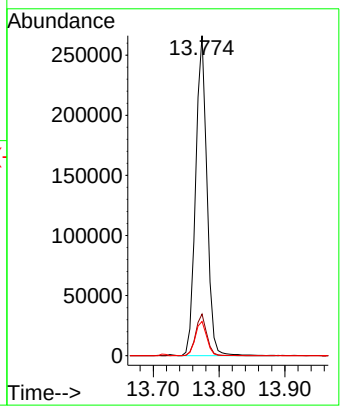


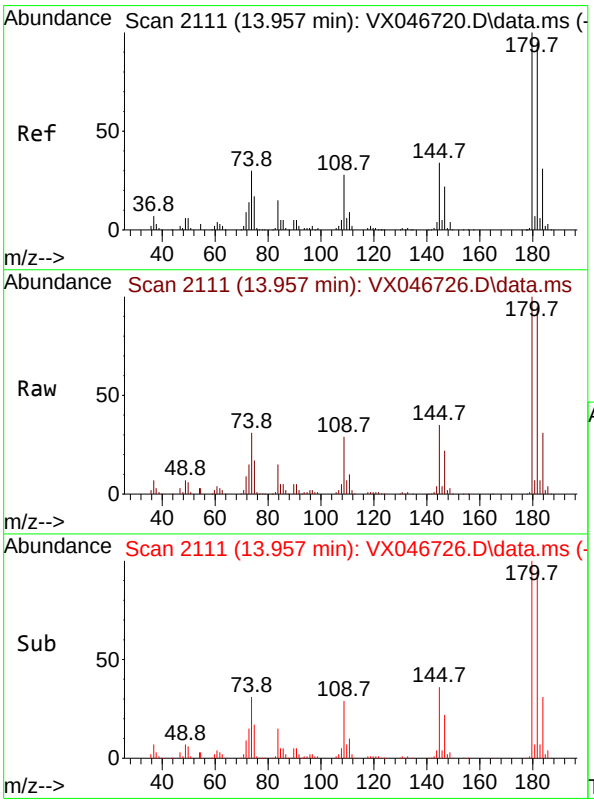
#95
Naphthalene
Concen: 52.462 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Tgt Ion:128 Resp: 315669

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.9	8.7	13.1

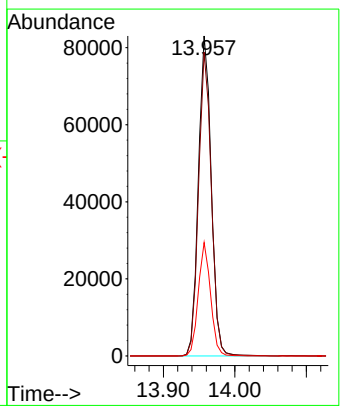




#96
1,2,3-Trichlorobenzene
Concen: 51.200 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046726.D
Acq: 17 Jun 2025 18:00

Tgt Ion:180 Resp: 103451

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.4
145	33.9	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	153144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247293	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103522	48.871	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.740%			
35) Dibromofluoromethane	5.391	113	83969	51.320	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.640%			
50) Toluene-d8	8.647	98	297216	50.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.120%			
62) 4-Bromofluorobenzene	11.079	95	109436	49.942	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	87825	53.715	ug/l	99
3) Chloromethane	1.307	50	89297	50.600	ug/l	98
4) Vinyl Chloride	1.386	62	96582	51.321	ug/l	96
5) Bromomethane	1.617	94	57643	54.442	ug/l	96
6) Chloroethane	1.703	64	57854	50.722	ug/l	97
7) Trichlorofluoromethane	1.904	101	144094	50.427	ug/l	99
8) Diethyl Ether	2.142	74	49001	49.967	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	89694	51.165	ug/l	98
10) Methyl Iodide	2.465	142	99988	45.950	ug/l	99
11) Tert butyl alcohol	2.953	59	37552	197.513	ug/l	99
12) 1,1-Dichloroethene	2.331	96	85474	50.530	ug/l	97
13) Acrolein	2.245	56	67813	244.874	ug/l	99
14) Allyl chloride	2.678	41	148825	48.559	ug/l	100
15) Acrylonitrile	3.068	53	197165	230.626	ug/l	100
16) Acetone	2.386	43	172637	244.395	ug/l	100
17) Carbon Disulfide	2.526	76	236030	46.207	ug/l	100
18) Methyl Acetate	2.709	43	80342	44.781	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	247062	46.907	ug/l	97
20) Methylene Chloride	2.800	84	92732	47.205	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	87048	48.093	ug/l	99
22) Diisopropyl ether	3.763	45	289920	49.215	ug/l	95
23) Vinyl Acetate	3.727	43	1142249	243.835	ug/l	100
24) 1,1-Dichloroethane	3.617	63	161335	48.236	ug/l	99
25) 2-Butanone	4.556	43	217618	217.827	ug/l	100
26) 2,2-Dichloropropane	4.483	77	122642	50.275	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	101031	47.512	ug/l	99
28) Bromochloromethane	4.903	49	81116	53.494	ug/l	99
29) Tetrahydrofuran	5.007	42	141562	219.377	ug/l	100
30) Chloroform	5.099	83	161817	48.377	ug/l	96
31) Cyclohexane	5.477	56	148538	46.830	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	138647	47.262	ug/l	100
36) 1,1-Dichloropropene	5.696	75	114107	48.312	ug/l	100
37) Ethyl Acetate	4.714	43	96161	44.108	ug/l	100
38) Carbon Tetrachloride	5.684	117	121848	47.537	ug/l	95
39) Methylcyclohexane	7.379	83	150437	48.402	ug/l	99
40) Benzene	6.043	78	338410	48.414	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	57085	49.115	ug/l		97
42) 1,2-Dichloroethane	6.086	62	116628	47.481	ug/l		99
43) Isopropyl Acetate	6.342	43	157598	46.196	ug/l		99
44) Trichloroethene	7.129	130	85692	48.105	ug/l		96
45) 1,2-Dichloropropane	7.433	63	83732	48.335	ug/l		96
46) Dibromomethane	7.580	93	59103	47.472	ug/l		100
47) Bromodichloromethane	7.824	83	123442	48.587	ug/l		100
48) Methyl methacrylate	7.696	41	80965	47.322	ug/l		99
49) 1,4-Dioxane	7.653	88	20224	817.840	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	462115	227.118	ug/l		100
52) Toluene	8.714	92	208762	48.176	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	116724	49.516	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	132187	49.396	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	76422	47.325	ug/l		99
56) Ethyl methacrylate	9.116	69	112902	47.362	ug/l		99
57) 1,3-Dichloropropane	9.305	76	128820	46.323	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	319370	257.912	ug/l		100
59) 2-Hexanone	9.427	43	316244	224.819	ug/l		100
60) Dibromochloromethane	9.518	129	90703	47.662	ug/l		100
61) 1,2-Dibromoethane	9.610	107	78054	47.518	ug/l		99
64) Tetrachloroethene	9.275	164	70305	46.765	ug/l		99
65) Chlorobenzene	10.079	112	225160	47.007	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	76955	47.803	ug/l		99
67) Ethyl Benzene	10.189	91	401054	47.920	ug/l		100
68) m/p-Xylenes	10.299	106	299077	95.905	ug/l		99
69) o-Xylene	10.640	106	142872	48.886	ug/l		99
70) Styrene	10.652	104	247158	48.325	ug/l		99
71) Bromoform	10.799	173	58162	47.441	ug/l	#	99
73) Isopropylbenzene	10.957	105	382718	49.504	ug/l		99
74) N-amyl acetate	10.841	43	141644	48.357	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101190	46.876	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	109122	56.759	ug/l		91
77) Bromobenzene	11.195	156	90654	48.728	ug/l		98
78) n-propylbenzene	11.305	91	454356	49.480	ug/l		100
79) 2-Chlorotoluene	11.360	91	264018	48.156	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	313670	49.373	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	31219	45.899	ug/l		96
82) 4-Chlorotoluene	11.451	91	310790	48.572	ug/l		100
83) tert-Butylbenzene	11.713	119	321103	48.896	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	313812	49.164	ug/l		100
85) sec-Butylbenzene	11.890	105	409901	49.388	ug/l		100
86) p-Isopropyltoluene	12.006	119	340046	48.559	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	169284	46.668	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	170550	45.774	ug/l		99
89) n-Butylbenzene	12.329	91	326557	49.115	ug/l		100
90) Hexachloroethane	12.536	117	58749	47.909	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	162062	47.808	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18854	44.240	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	112879	46.839	ug/l		98
94) Hexachlorobutadiene	13.725	225	50342	49.658	ug/l		97
95) Naphthalene	13.774	128	321689	46.852	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	110625	47.981	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

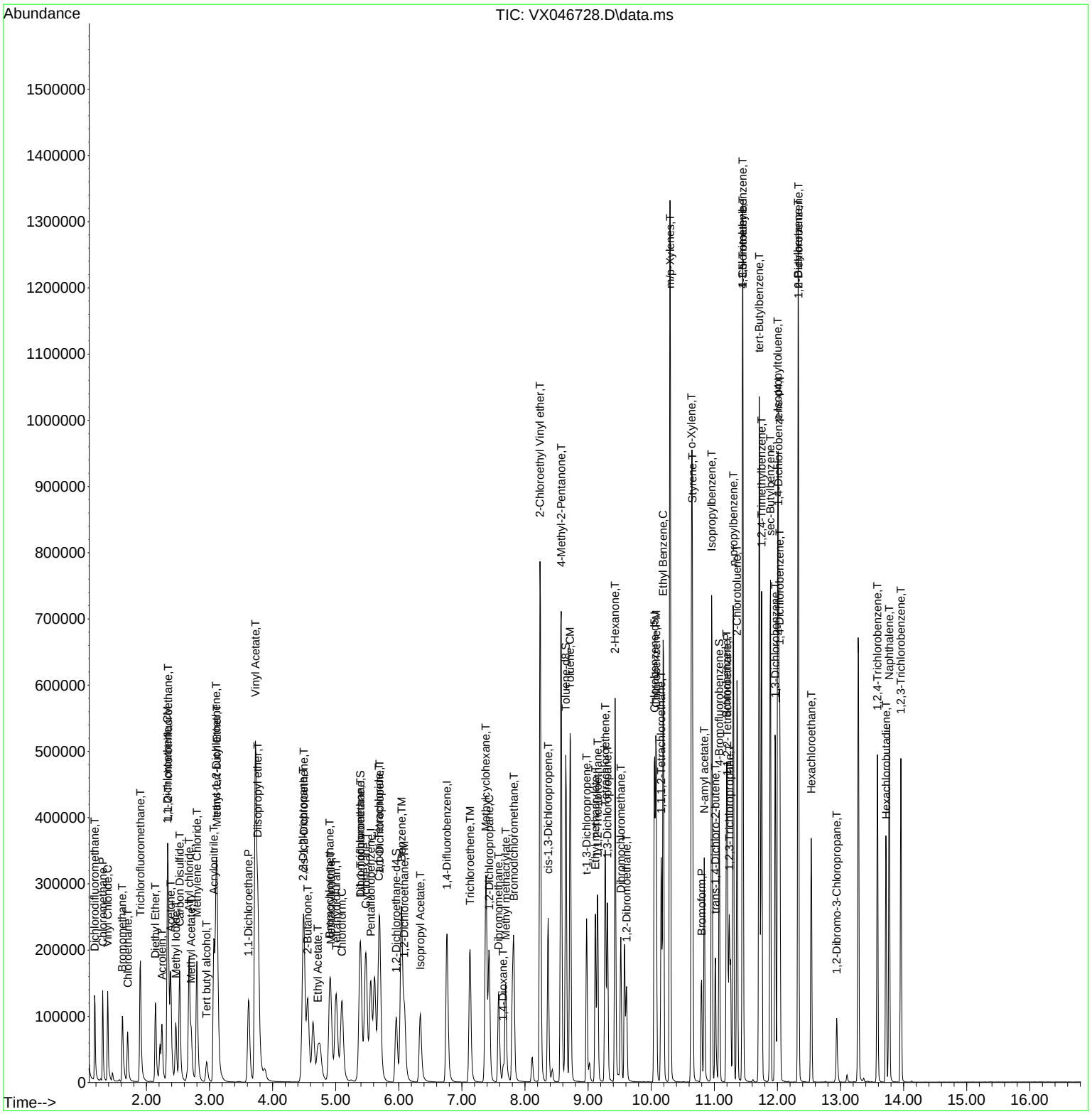
(#) = qualifier out of range (m) = manual integration (+) = signals summed

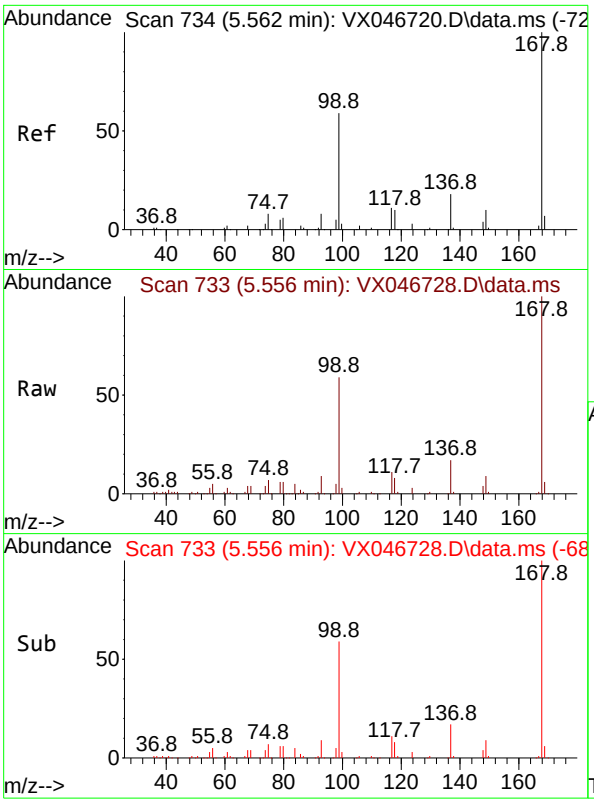
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046728.D
Acq On : 18 Jun 2025 09:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 19 01:18:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



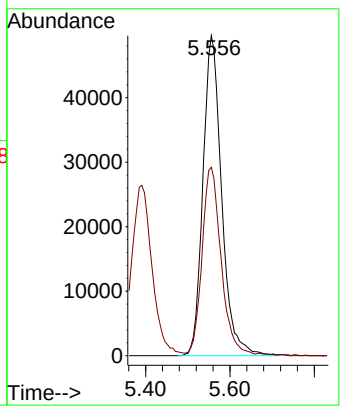


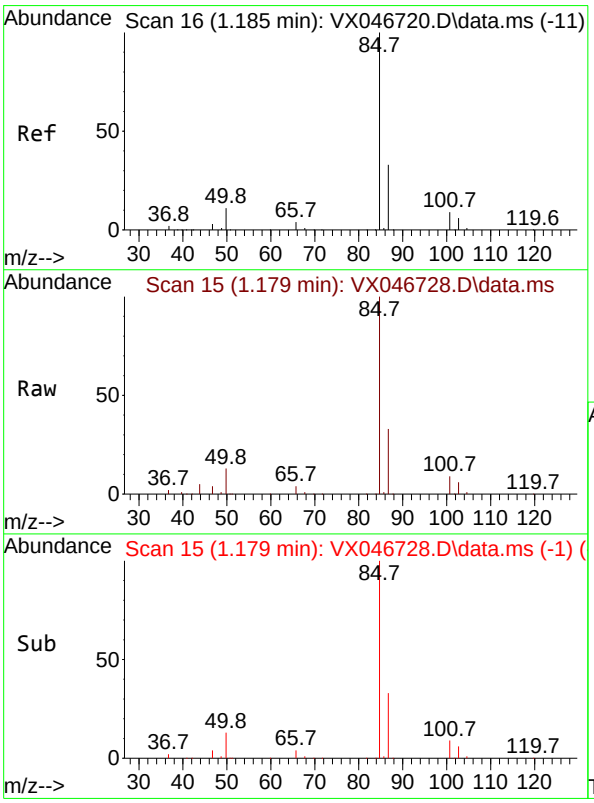
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 153144

Ion	Ratio	Lower	Upper
168	100		
99	58.7	48.5	72.7

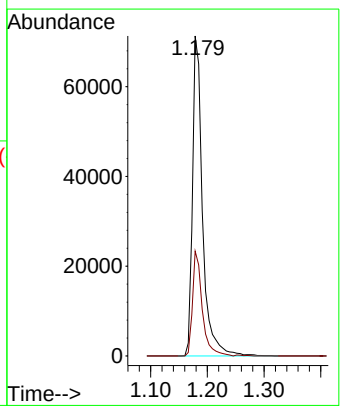


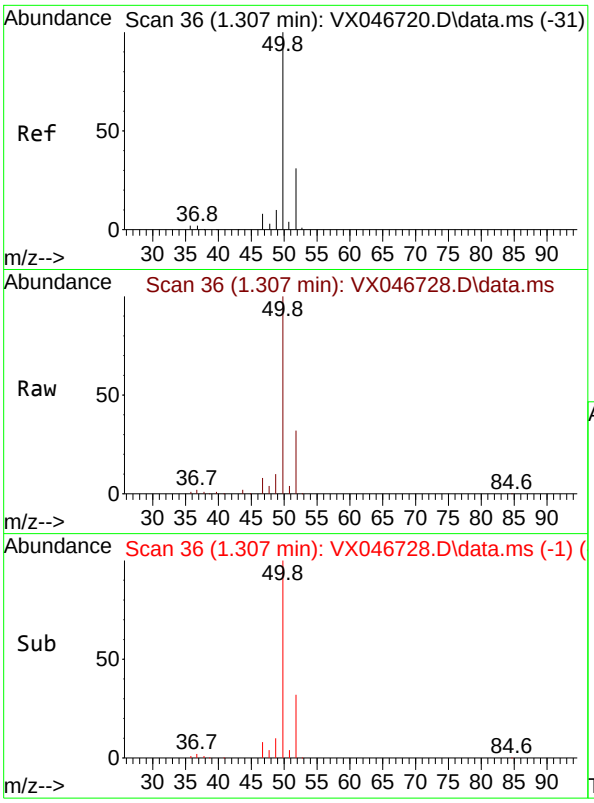


#2
Dichlorodifluoromethane
Concen: 53.715 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 85 Resp: 87825

Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.6	49.8



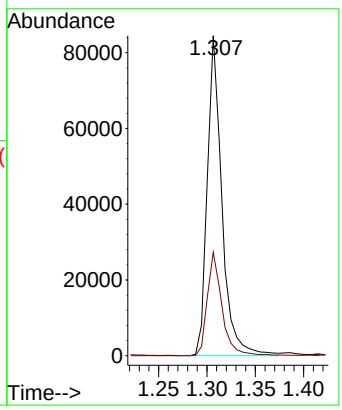


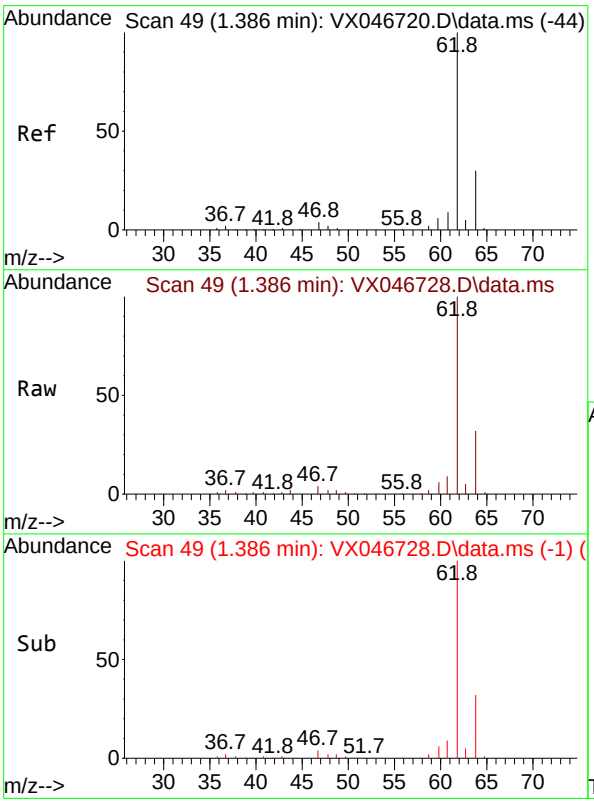
#3
Chloromethane
Concen: 50.600 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 89297

Ion	Ratio	Lower	Upper
50	100		
52	32.3	24.9	37.3

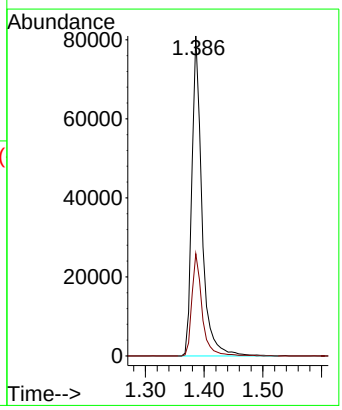


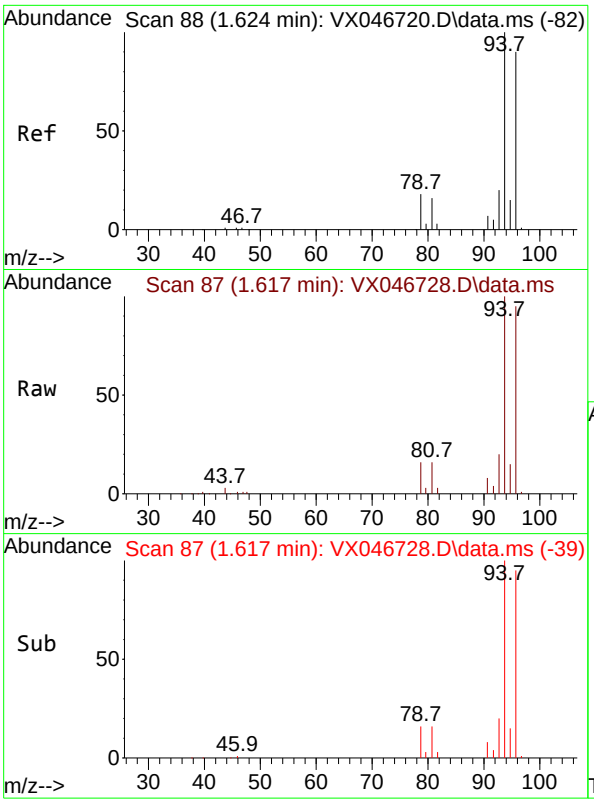


#4
Vinyl Chloride
Concen: 51.321 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 62 Resp: 96582

Ion	Ratio	Lower	Upper
62	100		
64	32.0	23.9	35.9



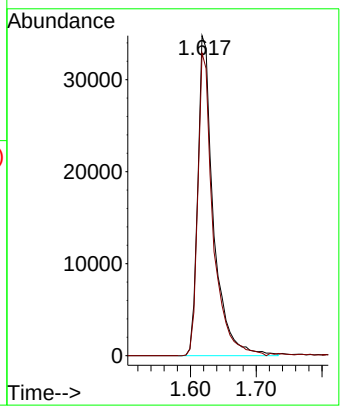


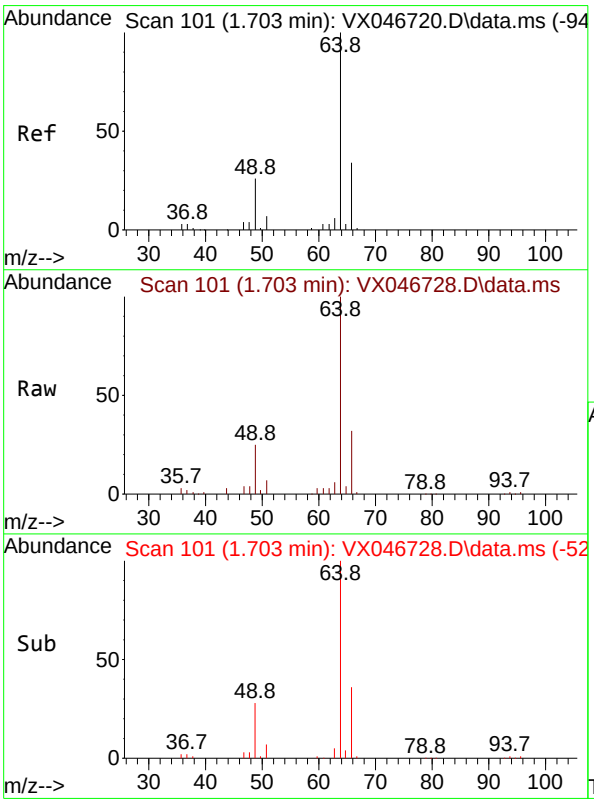
#5
Bromomethane
Concen: 54.442 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 57643

Ion	Ratio	Lower	Upper
94	100		
96	94.6	72.3	108.5

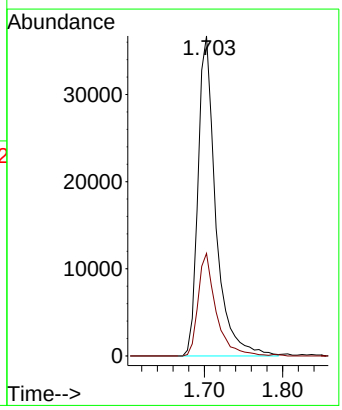


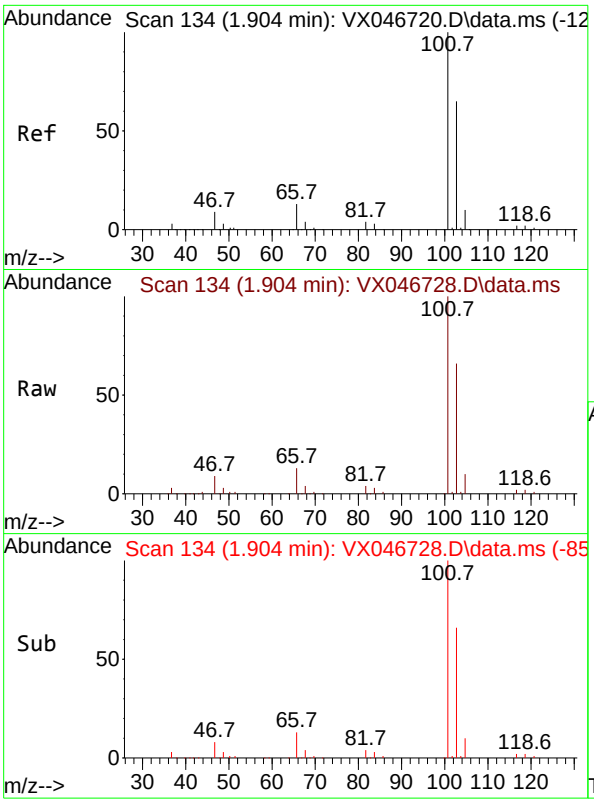


#6
Chloroethane
Concen: 50.722 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 64 Resp: 57854

Ion	Ratio	Lower	Upper
64	100		
66	32.0	27.1	40.7



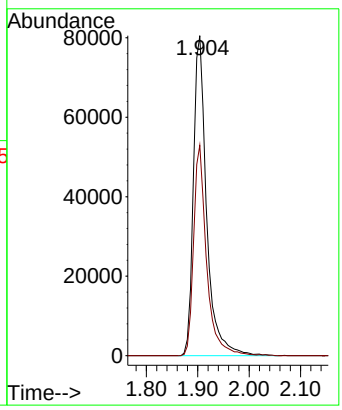


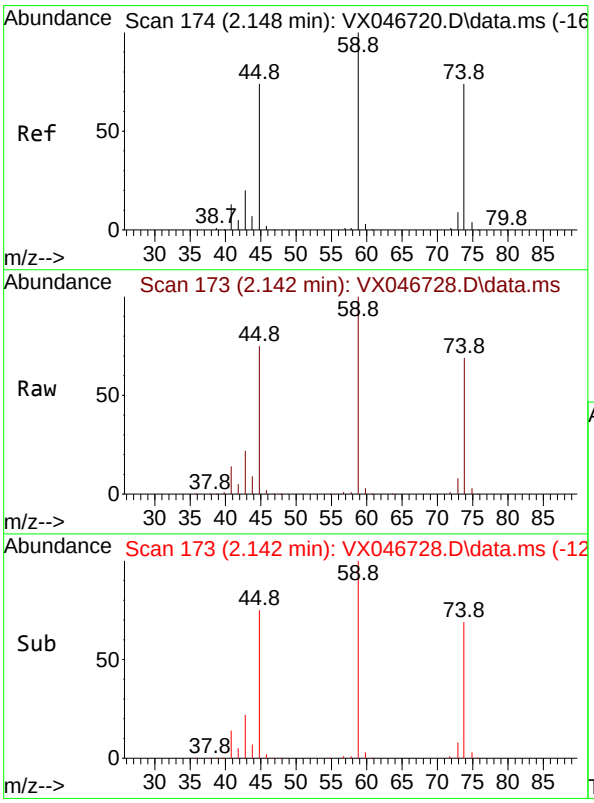
#7
Trichlorofluoromethane
Concen: 50.427 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 144094

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.8	77.8

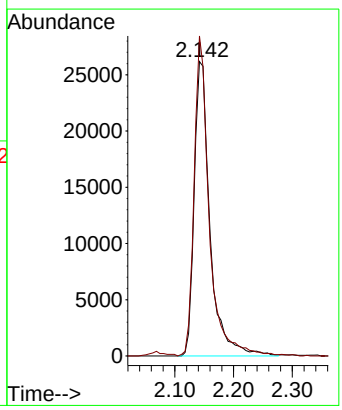


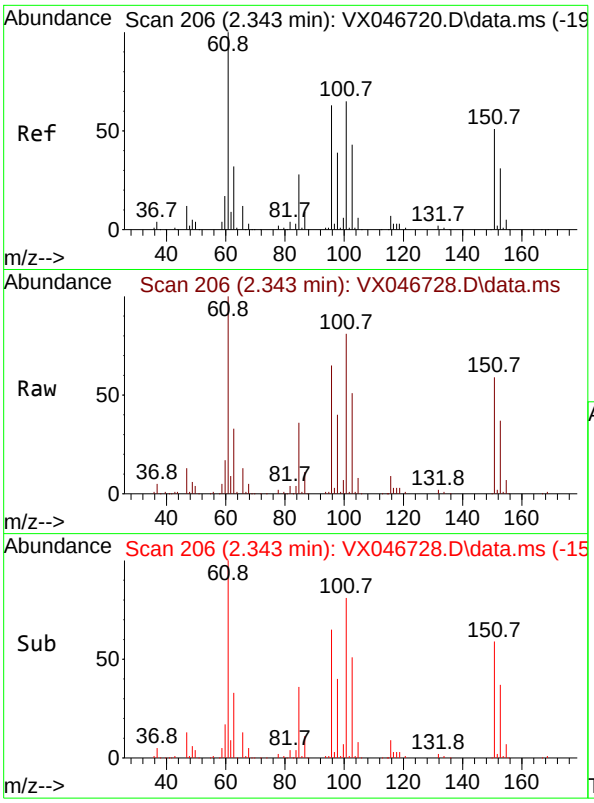


#8
Diethyl Ether
Concen: 49.967 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 74 Resp: 49001

Ion	Ratio	Lower	Upper
74	100		
45	103.3	52.3	157.1



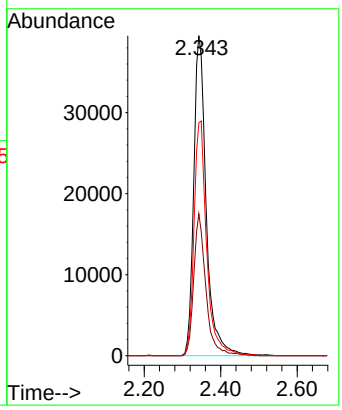


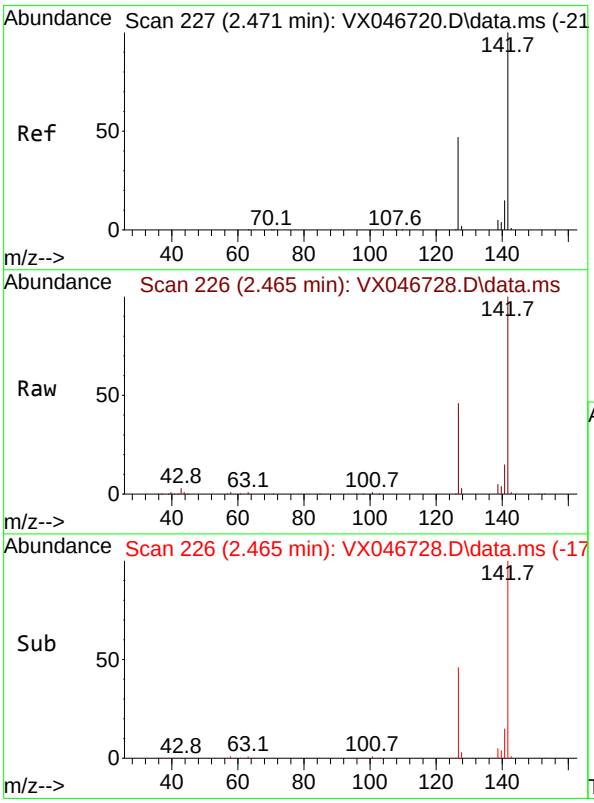
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.165 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 89694

Ion	Ratio	Lower	Upper
101	100		
85	43.0	35.4	53.0
151	74.2	61.2	91.8

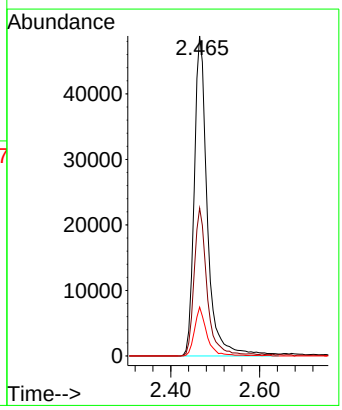


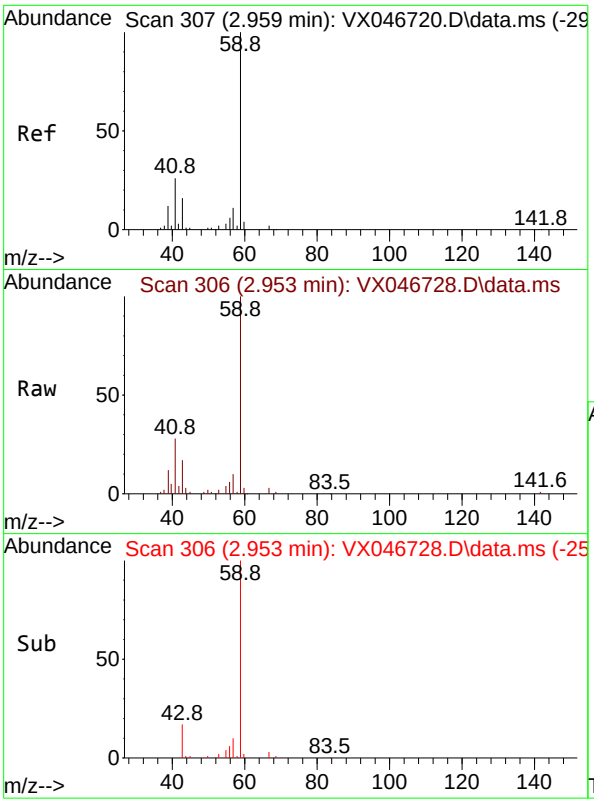


#10
Methyl Iodide
Concen: 45.950 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:142 Resp: 99988

Ion	Ratio	Lower	Upper
142	100		
127	45.4	37.0	55.6
141	14.2	11.5	17.3



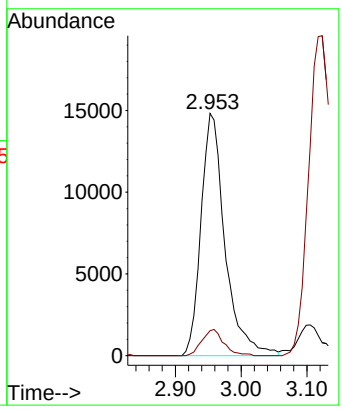


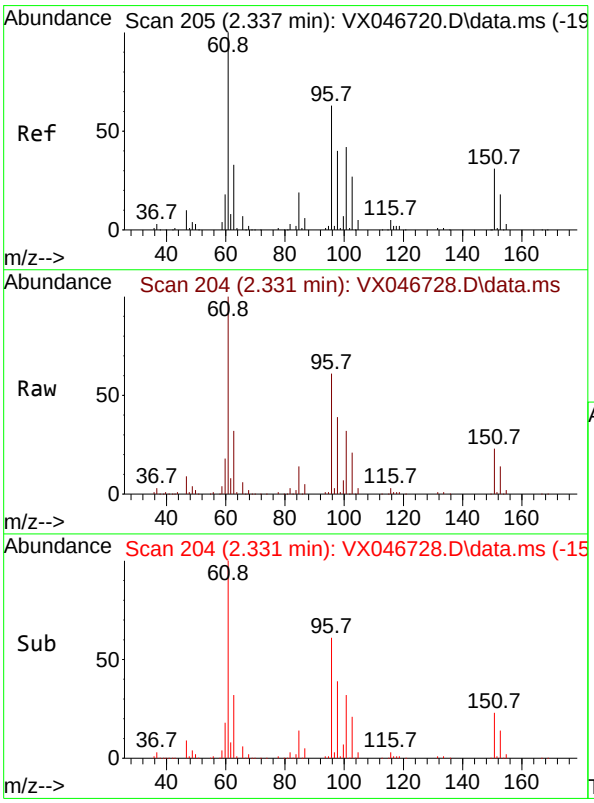
#11
Tert butyl alcohol
Concen: 197.513 ug/l
RT: 2.953 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 37552

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

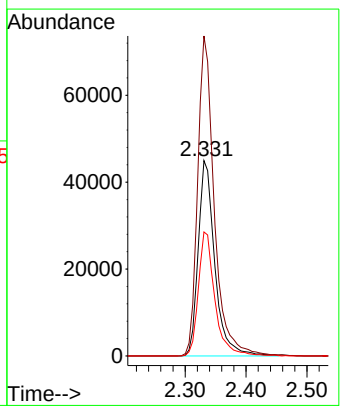


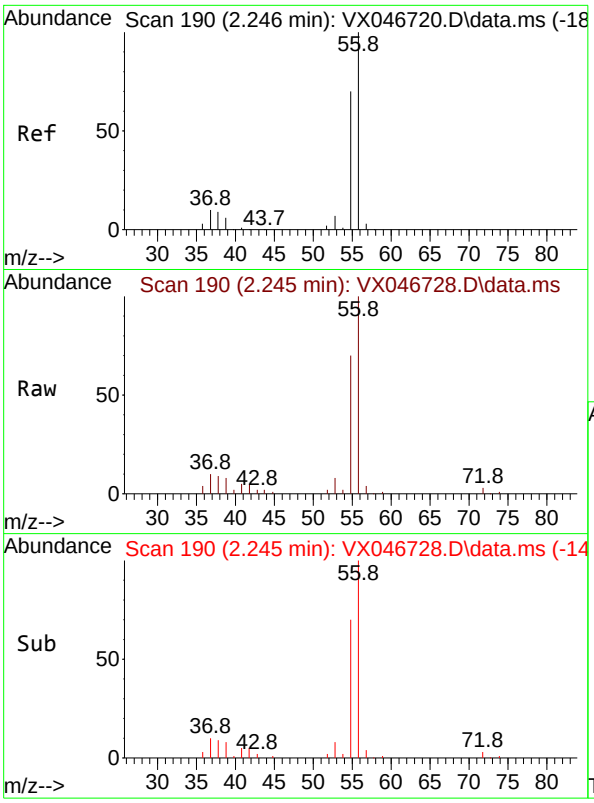


#12
1,1-Dichloroethene
Concen: 50.530 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 96 Resp: 85474

Ion	Ratio	Lower	Upper
96	100		
61	163.8	126.6	189.8
98	63.5	50.7	76.1



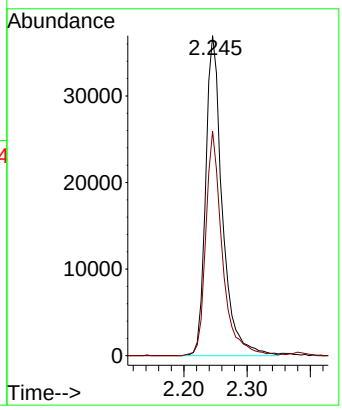


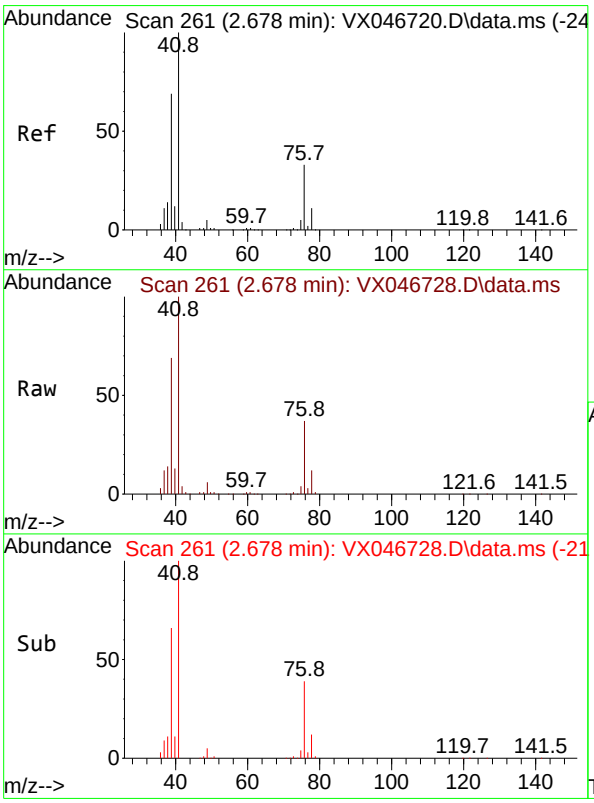
#13
Acrolein
Concen: 244.874 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 67813

Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.2	82.8

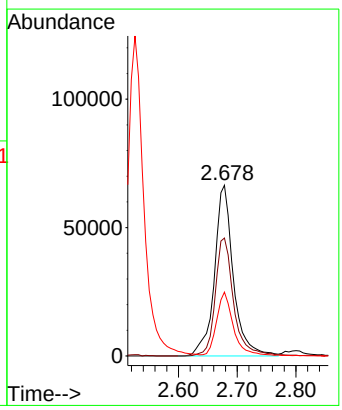


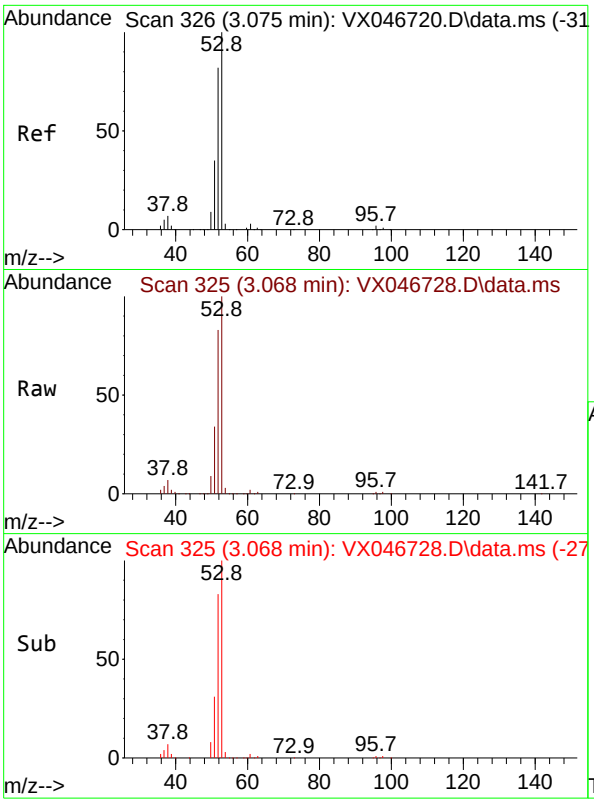


#14
Allyl chloride
Concen: 48.559 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 41 Resp: 148825

Ion	Ratio	Lower	Upper
41	100		
39	67.3	53.6	80.4
76	33.7	26.8	40.2



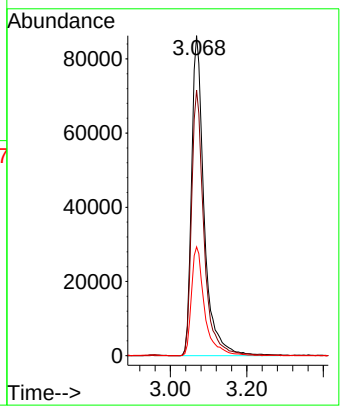


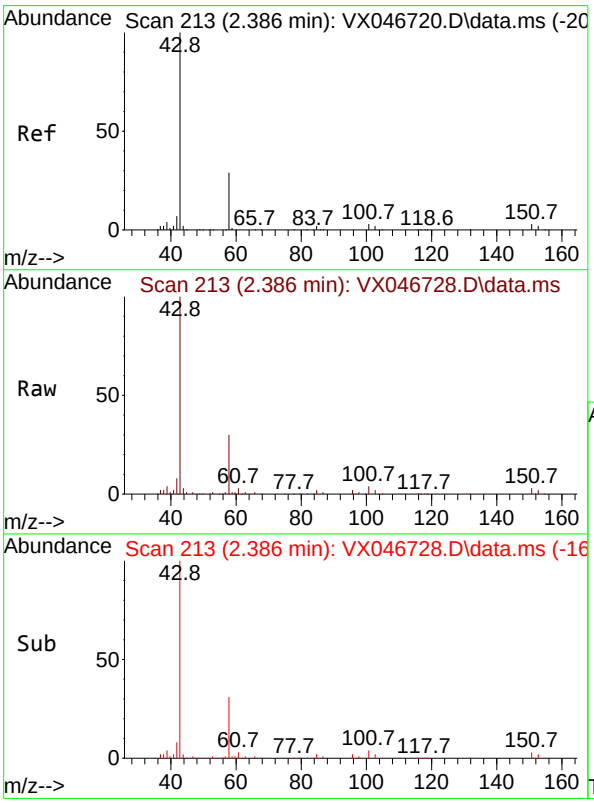
#15
Acrylonitrile
Concen: 230.626 ug/l
RT: 3.068 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 197165

Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.1	97.7
51	35.7	28.9	43.3

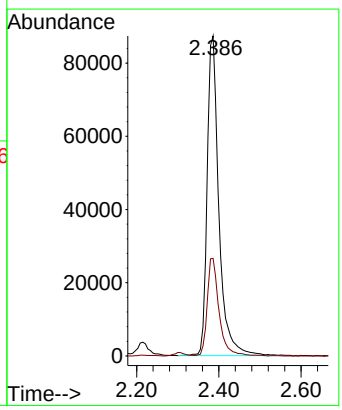


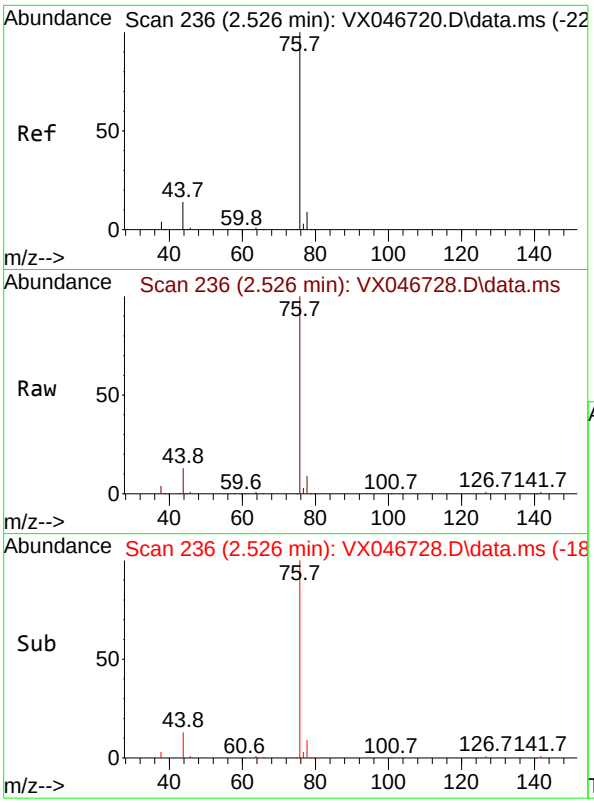


#16
Acetone
Concen: 244.395 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 43 Resp: 172637

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.5	36.7



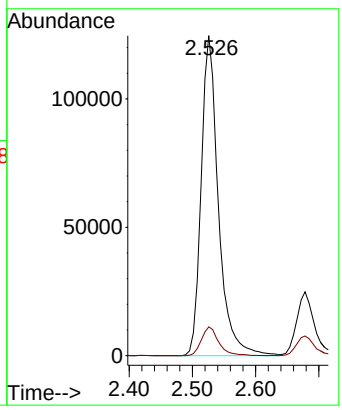


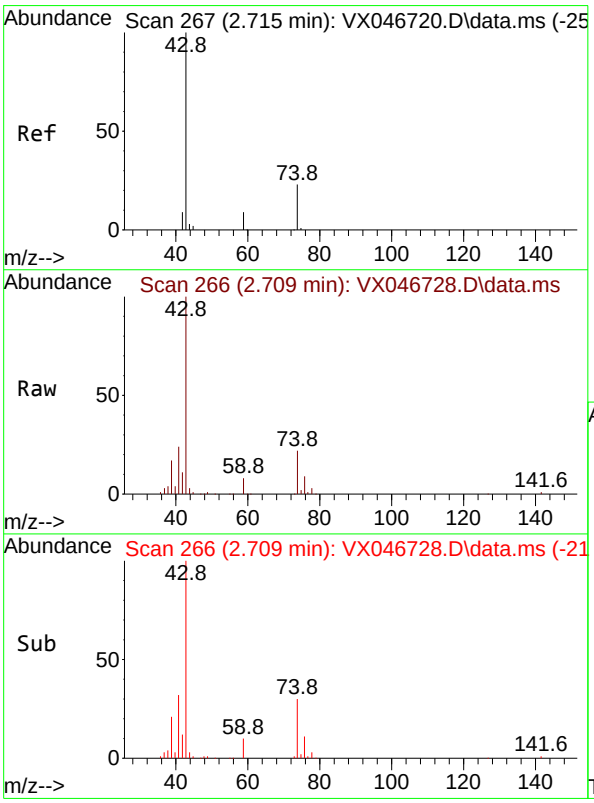
#17
Carbon Disulfide
Concen: 46.207 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 236030

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

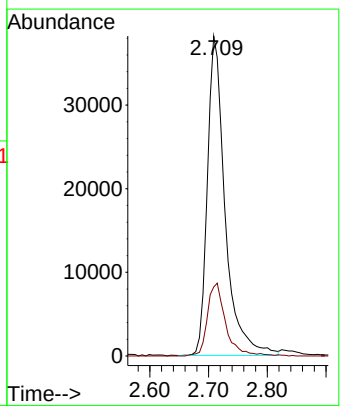


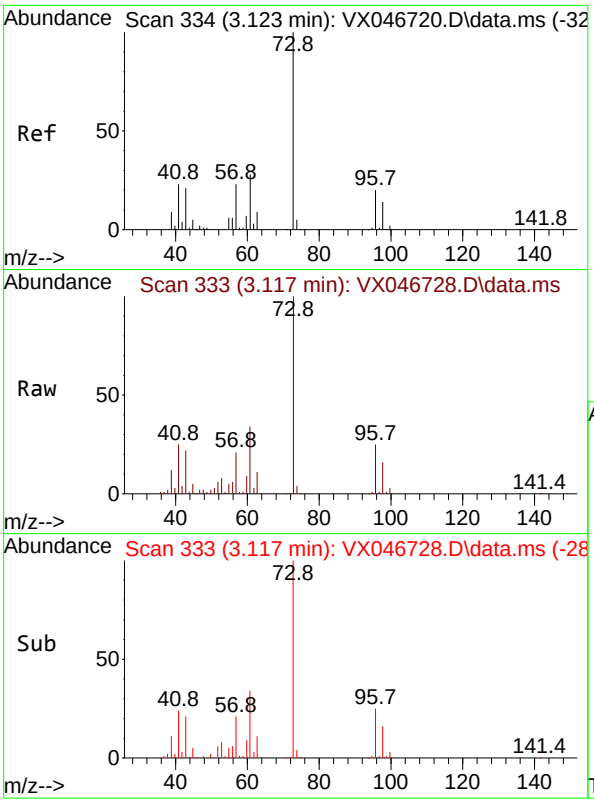


#18
Methyl Acetate
Concen: 44.781 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 43 Resp: 80342

Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.4	27.6



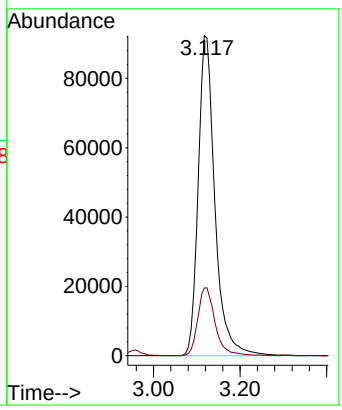


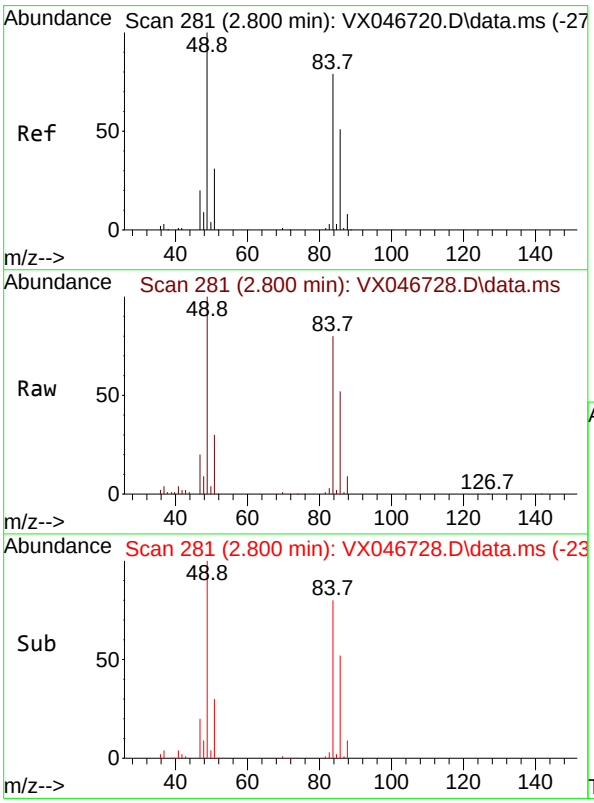
#19
Methyl tert-butyl Ether
Concen: 46.907 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 247062

Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.2	27.2

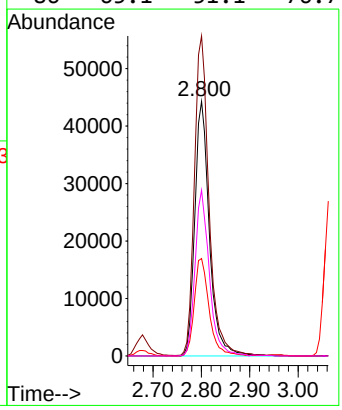


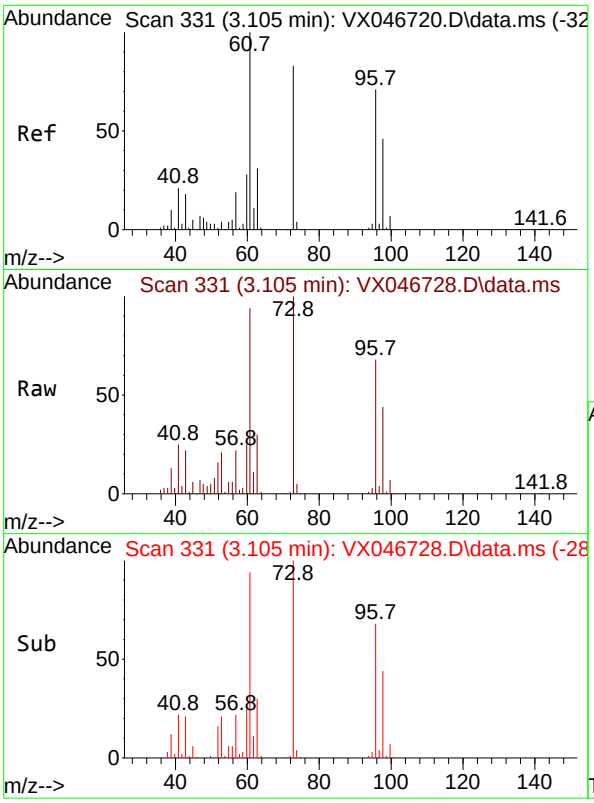


#20
Methylene Chloride
Concen: 47.205 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 84 Resp: 92732

Ion	Ratio	Lower	Upper
84	100		
49	125.5	101.3	151.9
51	38.3	31.0	46.6
86	65.1	51.1	76.7



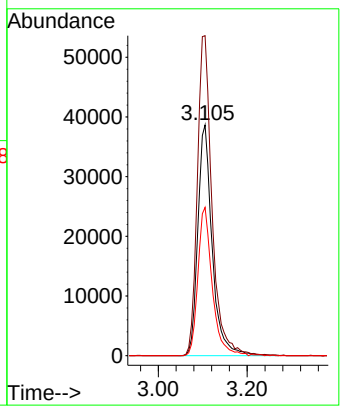


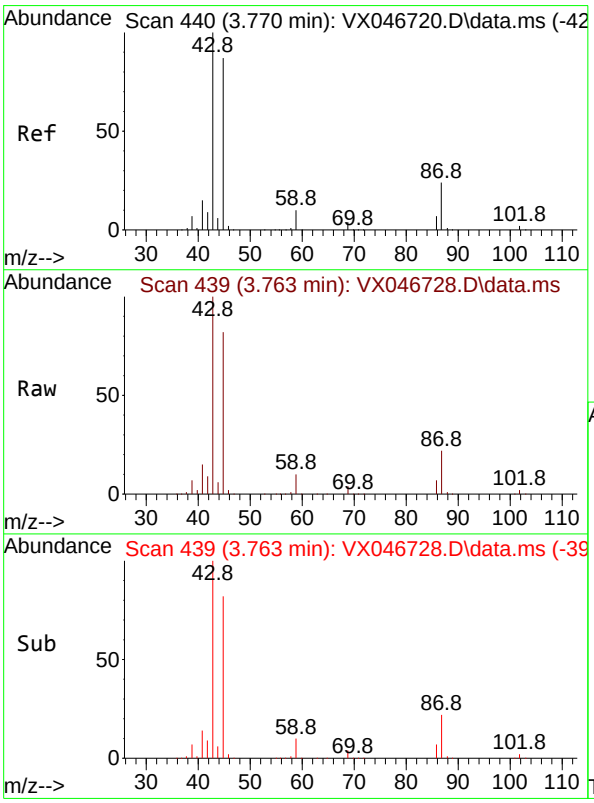
#21
trans-1,2-Dichloroethene
Concen: 48.093 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 87048

Ion	Ratio	Lower	Upper
96	100		
61	138.7	112.5	168.7
98	64.3	51.9	77.9

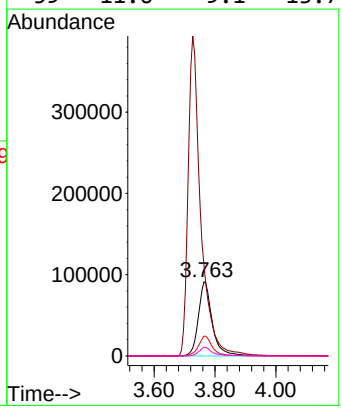


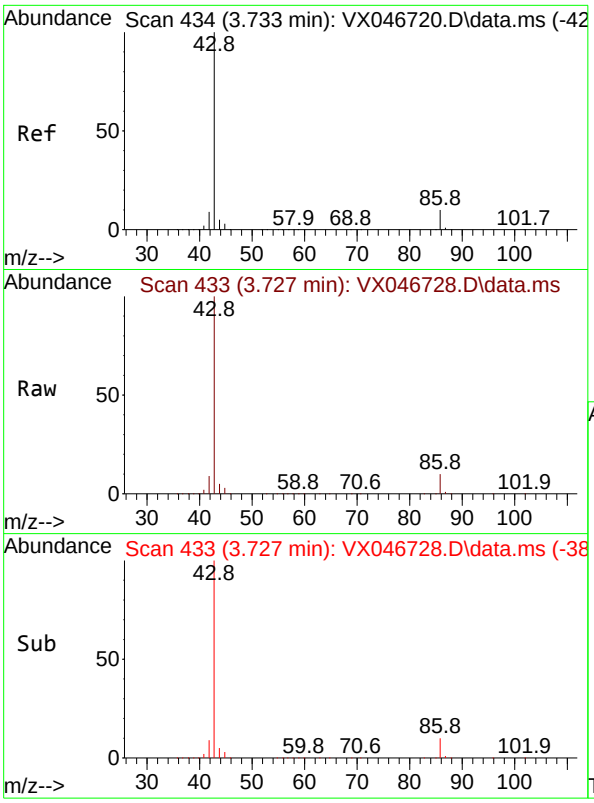


#22
Diisopropyl ether
Concen: 49.215 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 45 Resp: 289920

Ion	Ratio	Lower	Upper
45	100		
43	122.4	91.9	137.9
87	26.7	22.0	33.0
59	11.6	9.1	13.7



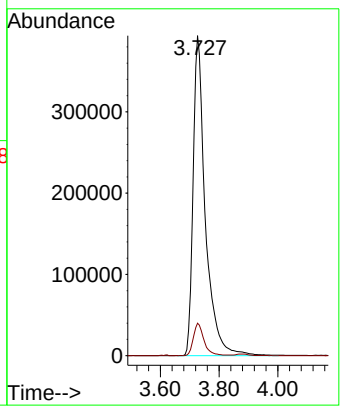


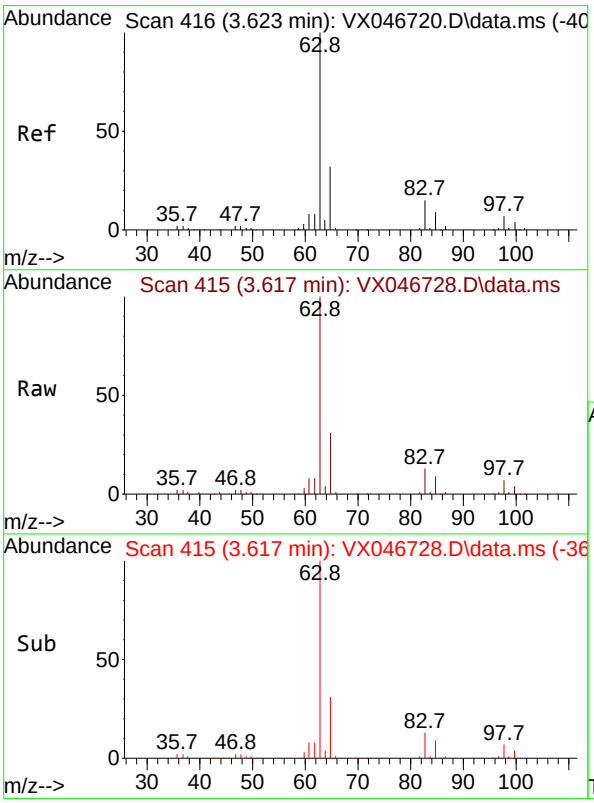
#23
Vinyl Acetate
Concen: 243.835 ug/l
RT: 3.727 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1142249

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

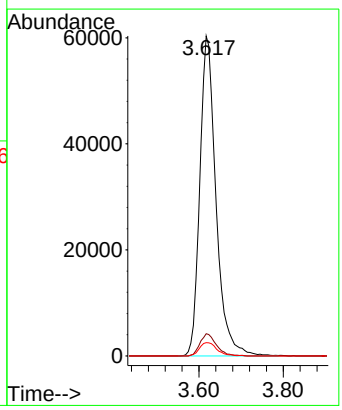


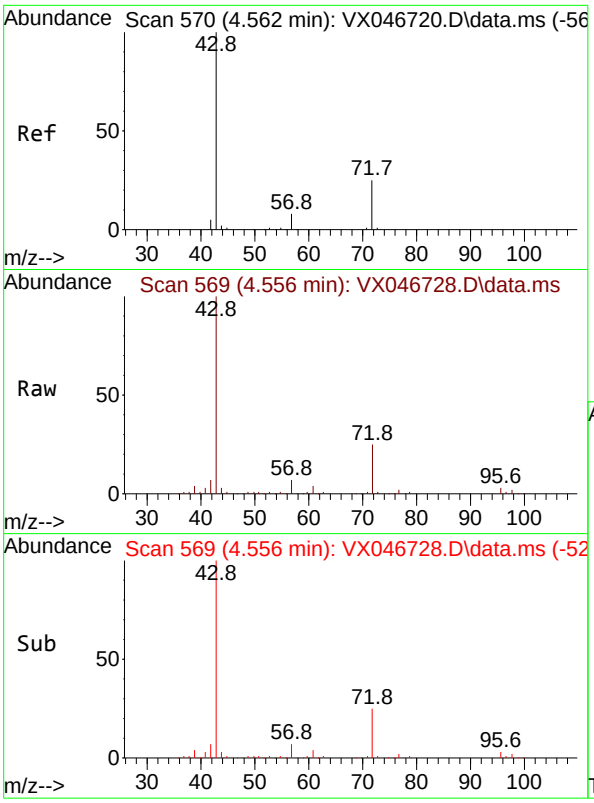


#24
1,1-Dichloroethane
Concen: 48.236 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 63 Resp: 161335

Ion	Ratio	Lower	Upper
63	100		
98	7.5	4.0	11.9
100	4.2	2.2	6.6



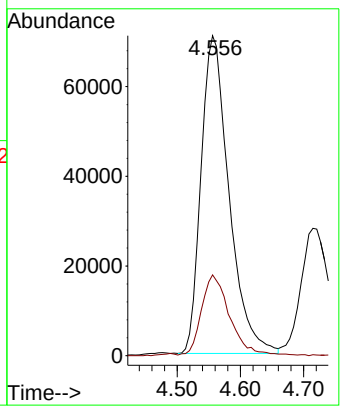


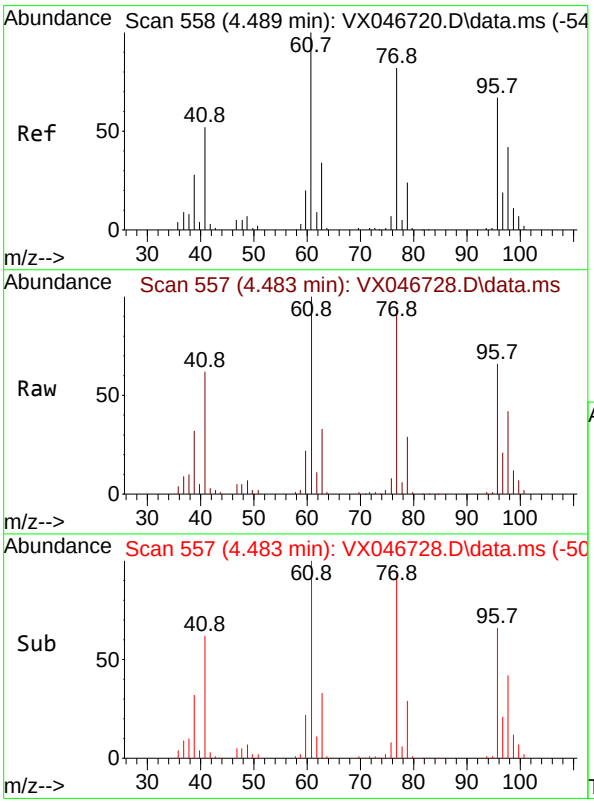
#25
2-Butanone
Concen: 217.827 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 217618

Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.2	30.4

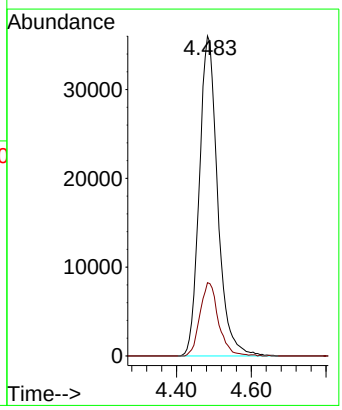


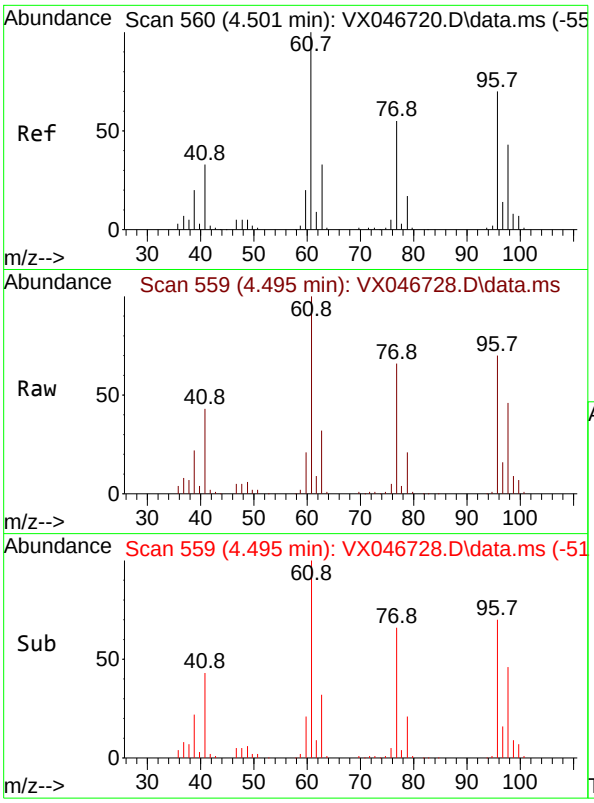


#26
2,2-Dichloropropane
Concen: 50.275 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 77 Resp: 122642

Ion	Ratio	Lower	Upper
77	100		
97	23.0	11.8	35.3



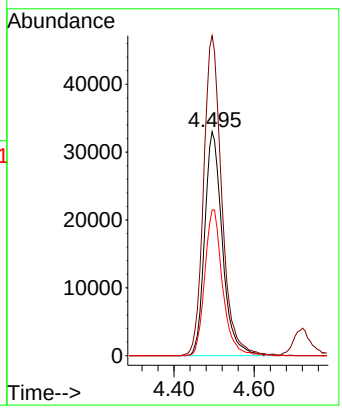


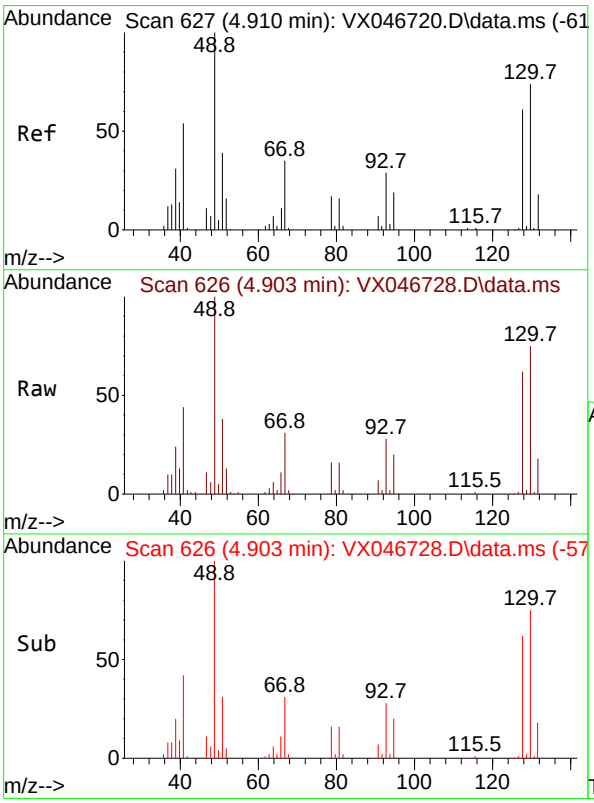
#27
cis-1,2-Dichloroethene
Concen: 47.512 ug/l
RT: 4.495 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 101031

Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	291.0
98	65.3	0.0	126.8

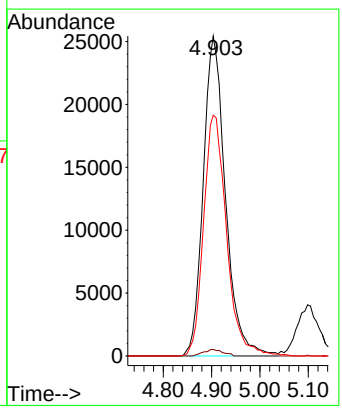


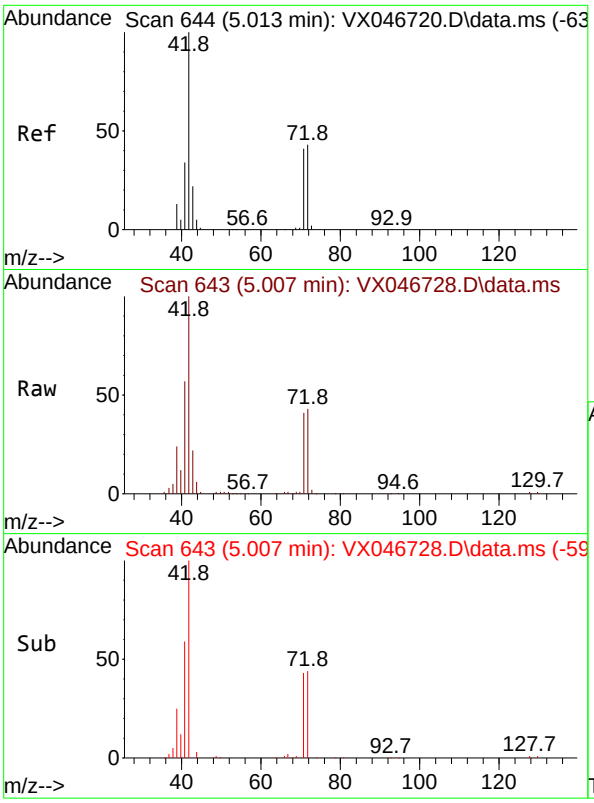


#28
Bromochloromethane
Concen: 53.494 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 49 Resp: 81116

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	78.0	61.4	92.0



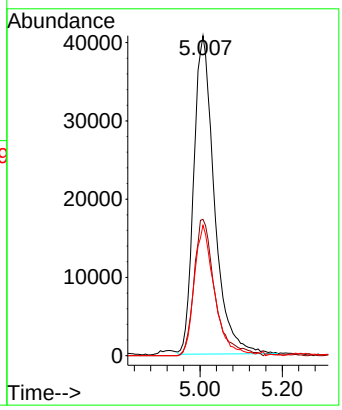


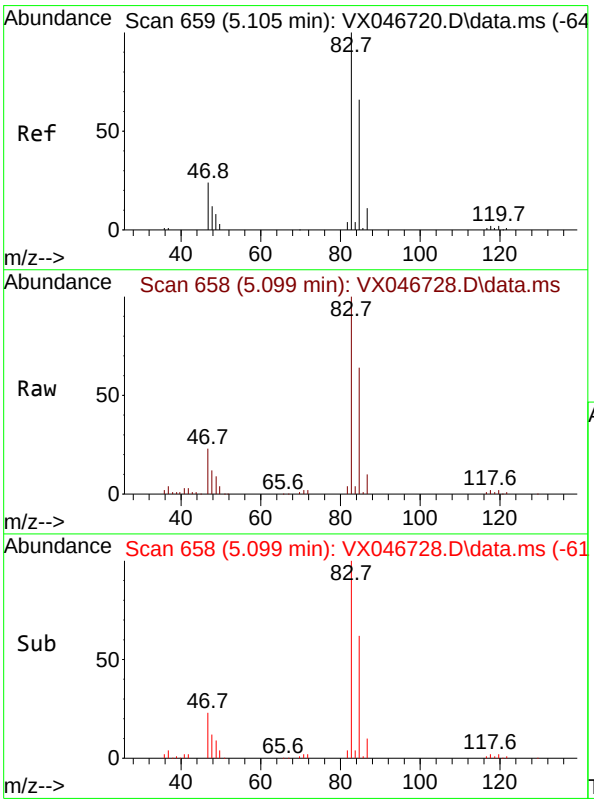
#29
Tetrahydrofuran
Concen: 219.377 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 141562

Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.9	52.3
71	40.1	32.2	48.2

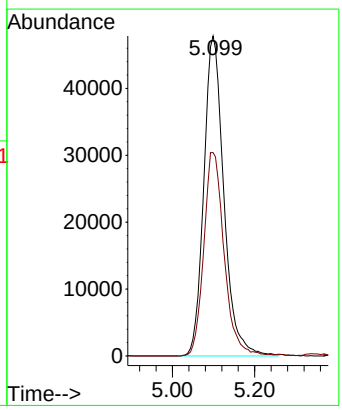


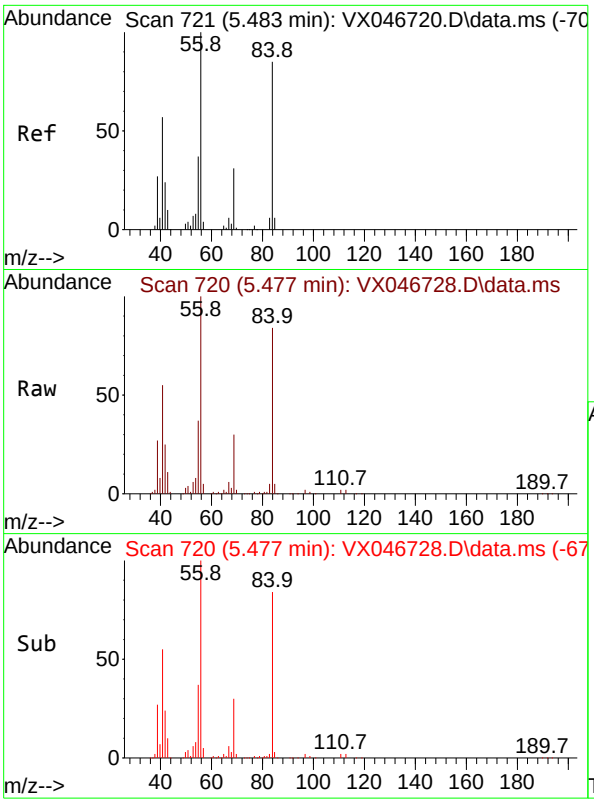


#30
Chloroform
Concen: 48.377 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 83 Resp: 161817

Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.7	80.5



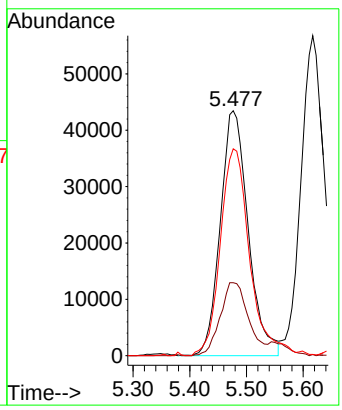


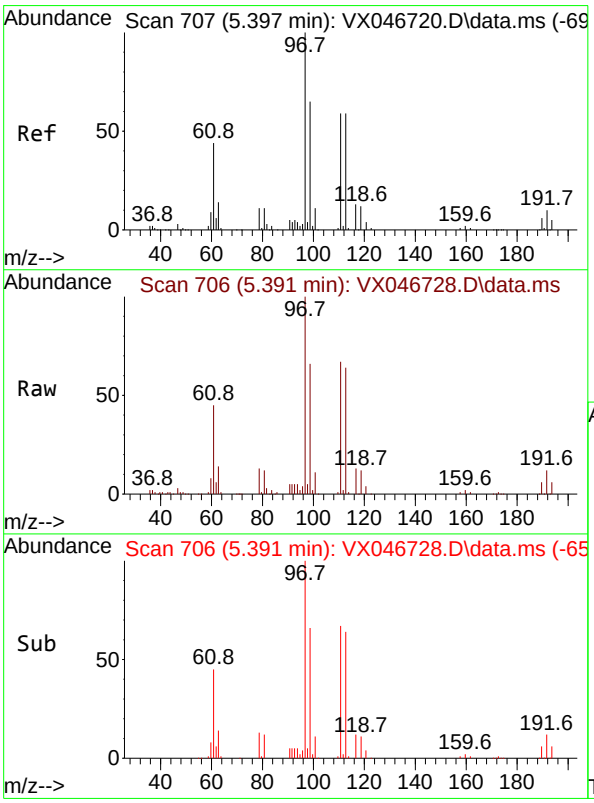
#31
Cyclohexane
Concen: 46.830 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 148538

Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.8	37.2
84	82.7	68.2	102.2

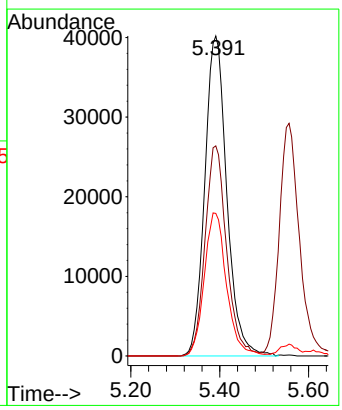


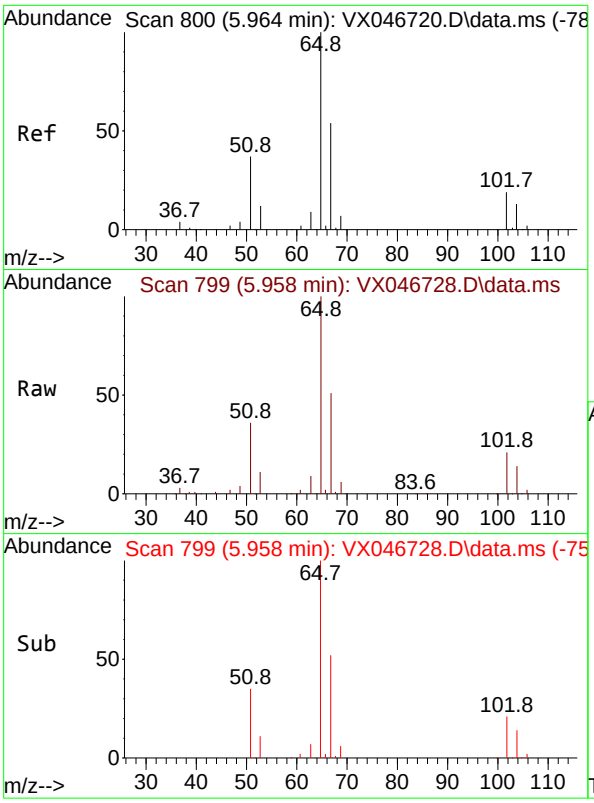


#32
1,1,1-Trichloroethane
Concen: 47.262 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 97 Resp: 138647

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	45.2	36.4	54.6



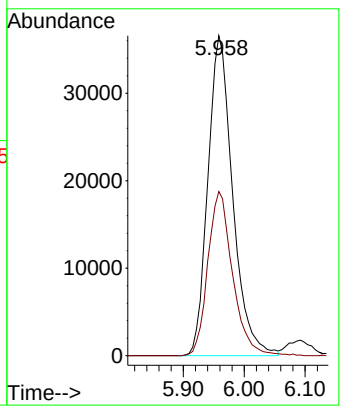


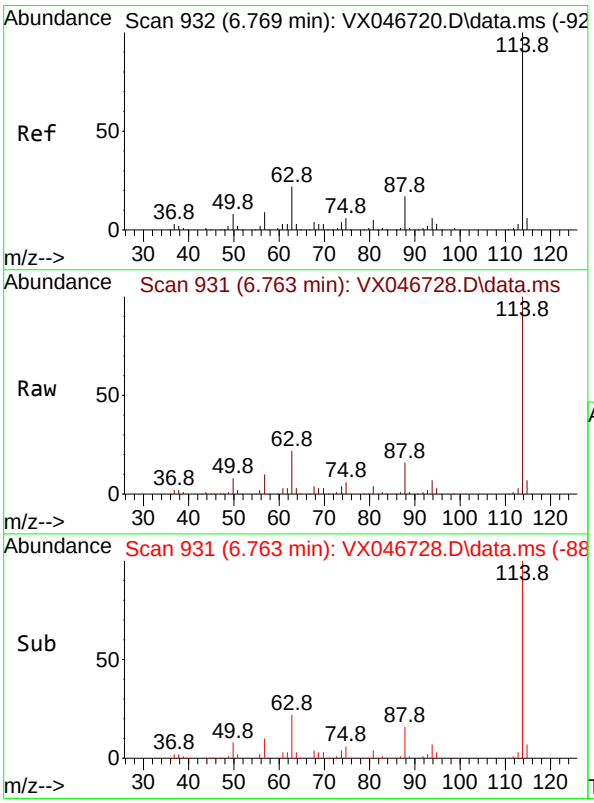
#33
1,2-Dichloroethane-d4
Concen: 48.871 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 103522

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.4

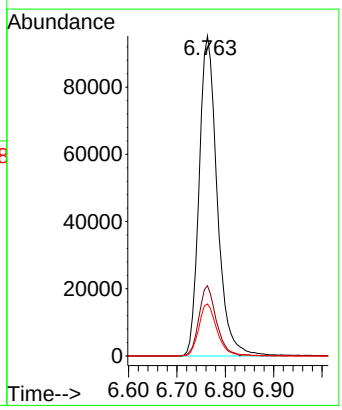


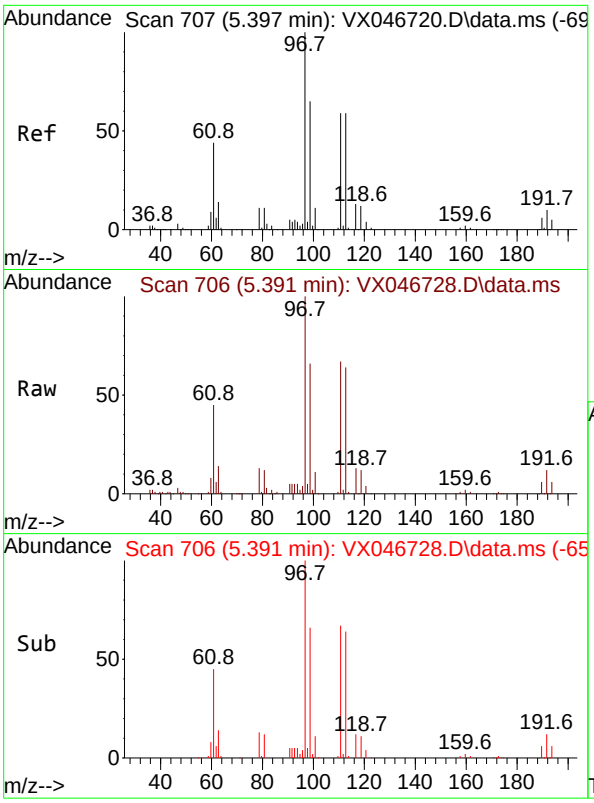


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:114 Resp: 247293

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.2
88	16.2	0.0	33.2



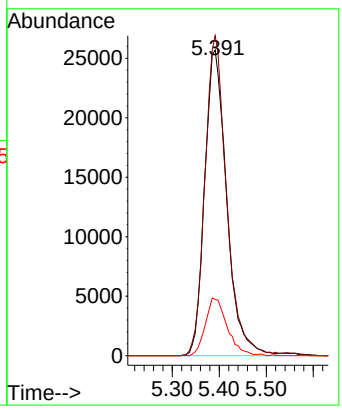


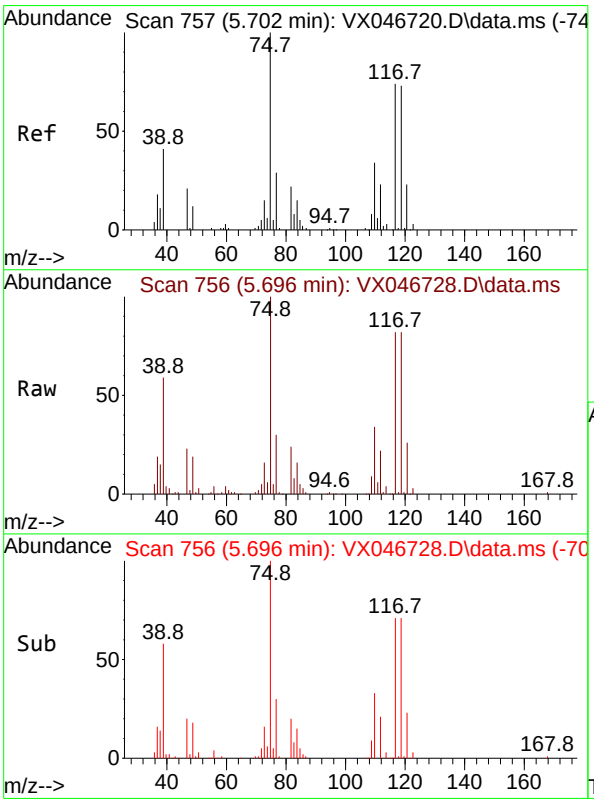
#35
Dibromofluoromethane
Concen: 51.320 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 83969

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	18.7	15.3	22.9

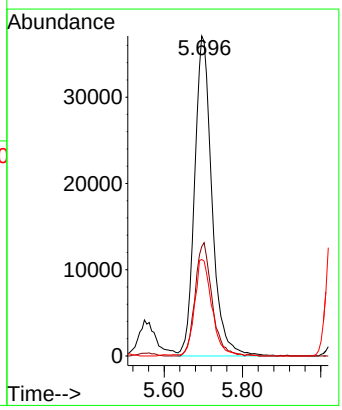


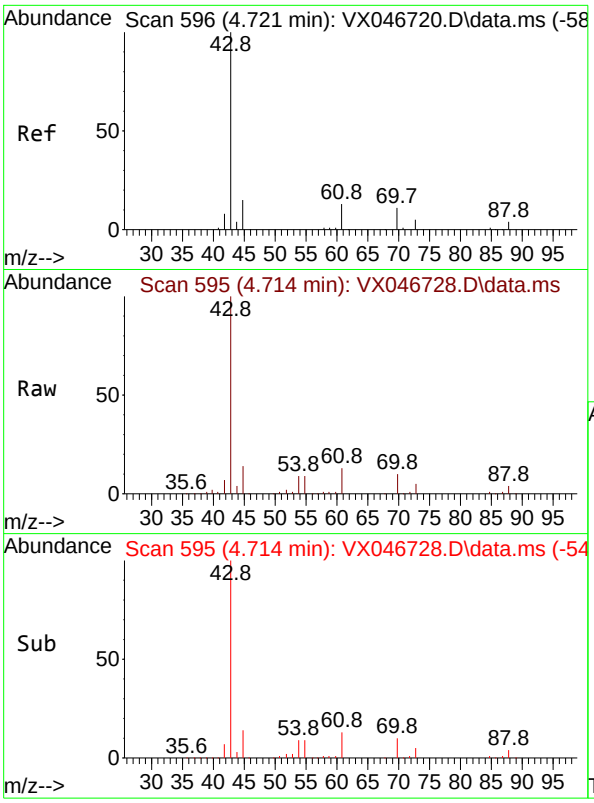


#36
1,1-Dichloropropene
Concen: 48.312 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 75 Resp: 114107

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.2	51.5
77	30.4	24.2	36.4



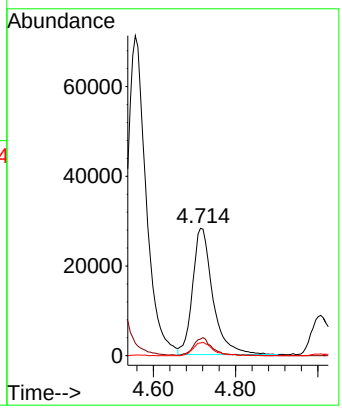


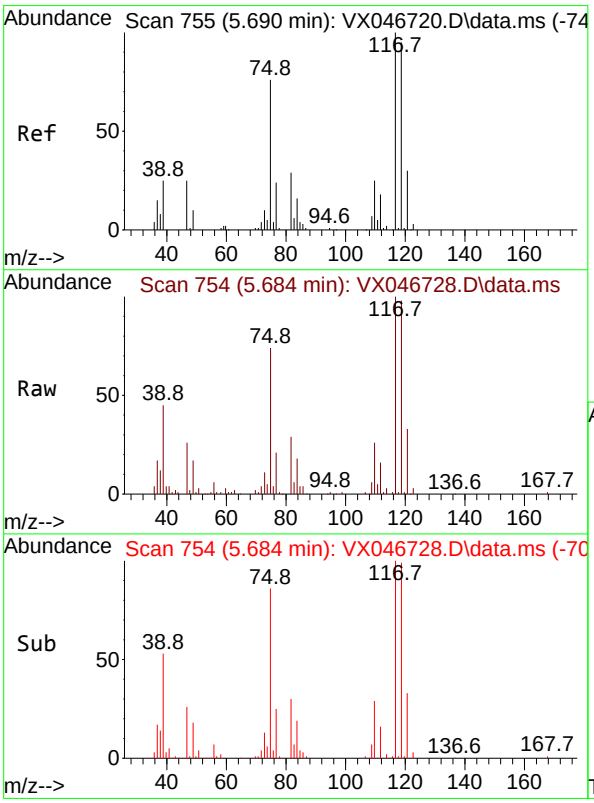
#37
Ethyl Acetate
Concen: 44.108 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 96161

Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.7	14.5
70	10.2	8.1	12.1

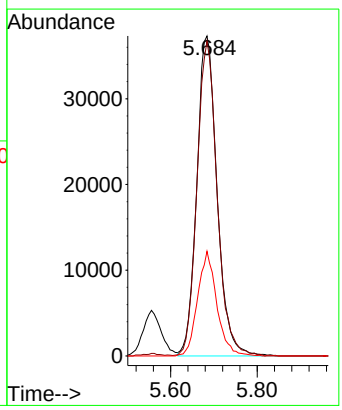


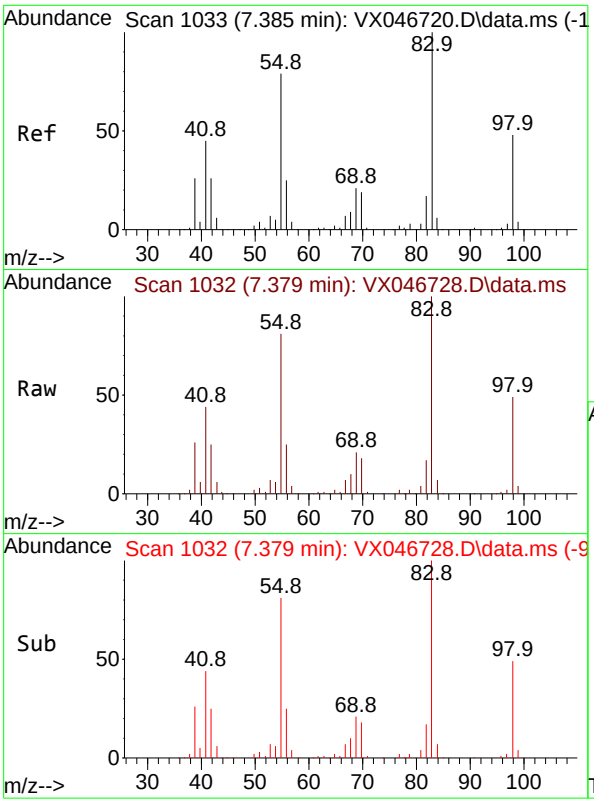


#38
Carbon Tetrachloride
Concen: 47.537 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:117 Resp: 121848

Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.2	112.8
121	32.7	24.1	36.1



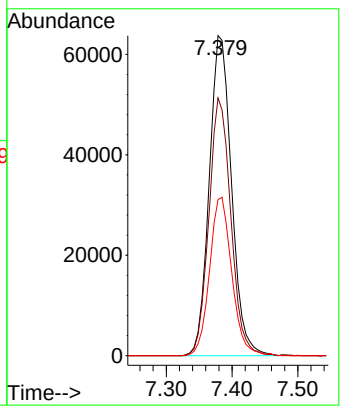


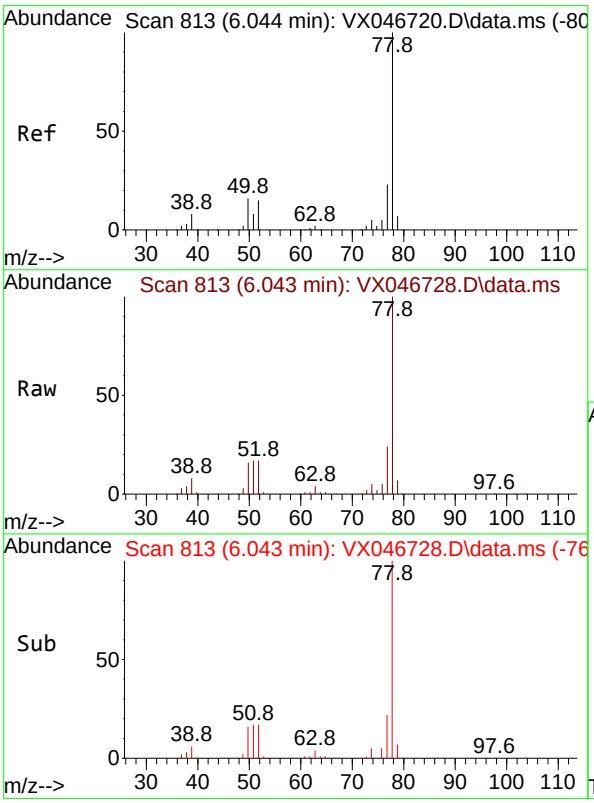
#39
Methylcyclohexane
Concen: 48.402 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 150437

Ion	Ratio	Lower	Upper
83	100		
55	80.6	63.0	94.4
98	48.8	38.8	58.2

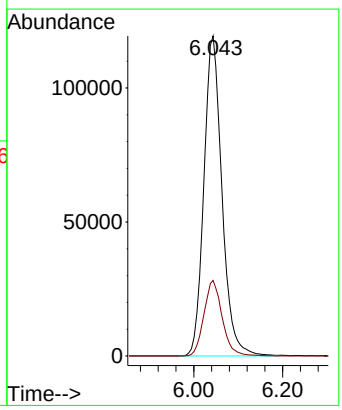


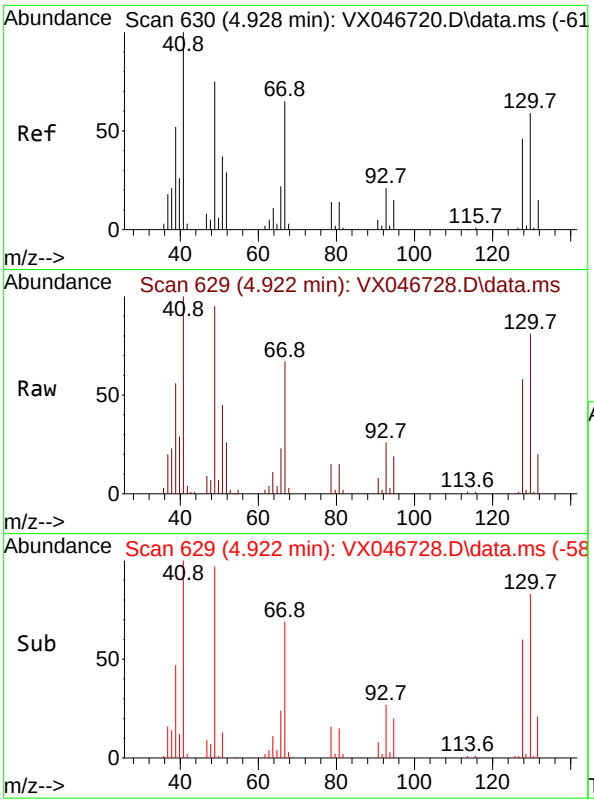


#40
Benzene
Concen: 48.414 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 78 Resp: 338410

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2



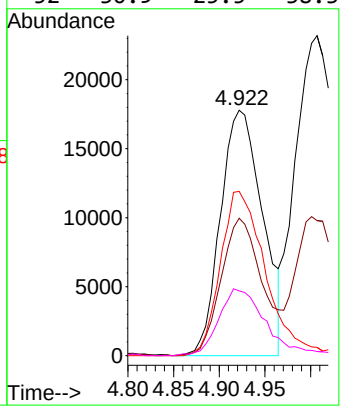


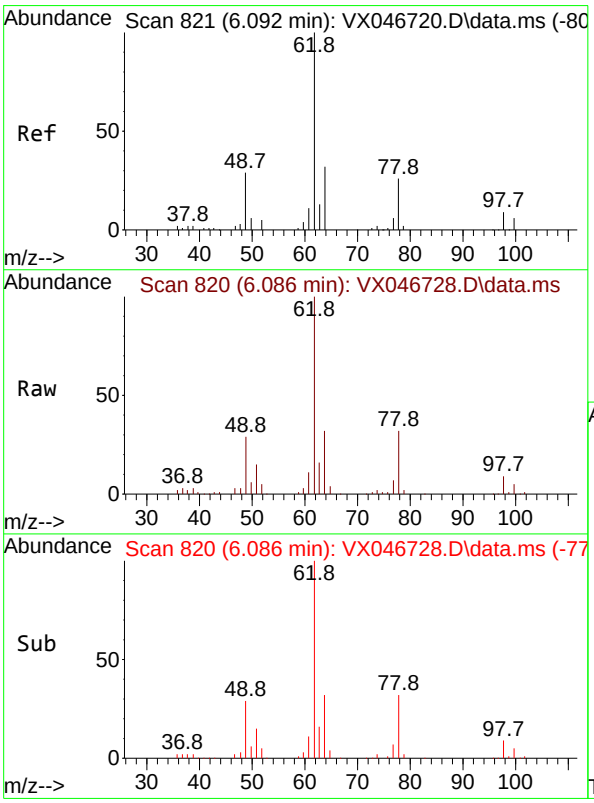
#41
Methacrylonitrile
Concen: 49.115 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 57085

Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.9	68.9
67	72.4	61.2	91.8
52	30.9	25.5	38.3

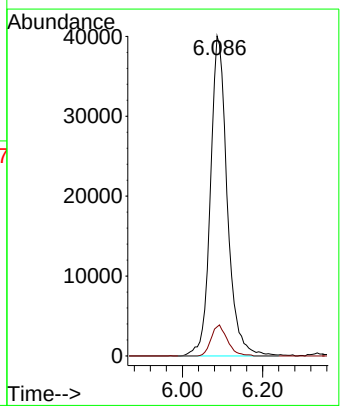


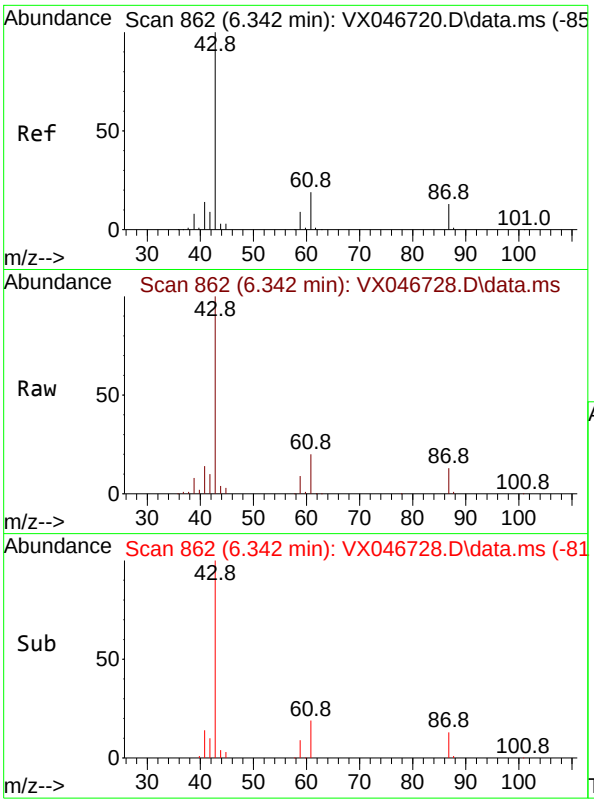


#42
1,2-Dichloroethane
Concen: 47.481 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 62 Resp: 116628

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8



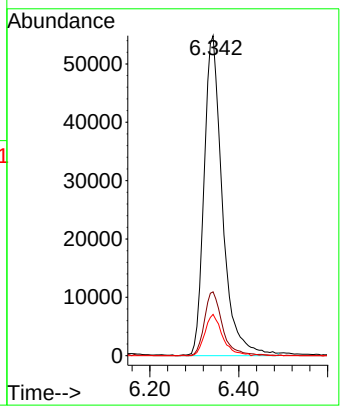


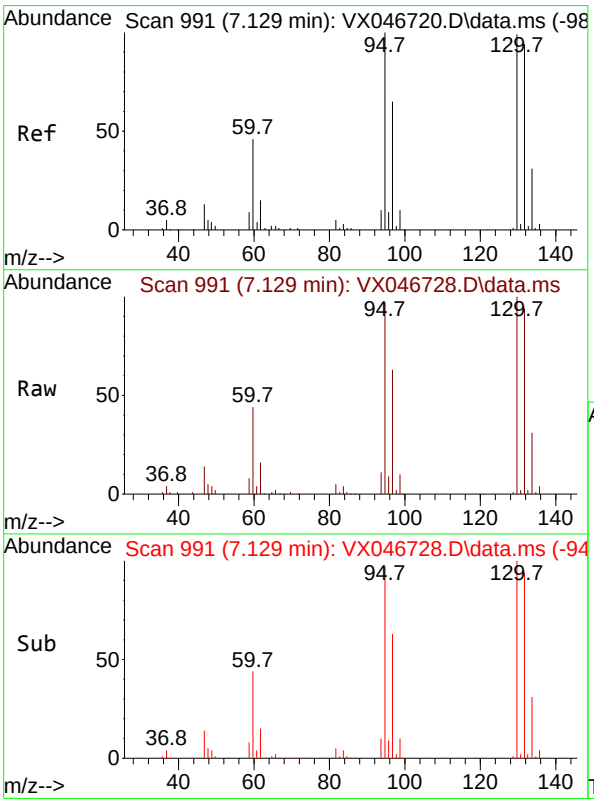
#43
Isopropyl Acetate
Concen: 46.196 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 157598

Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.3	22.9
87	12.4	10.0	15.0

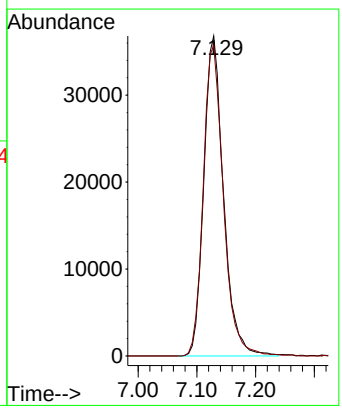


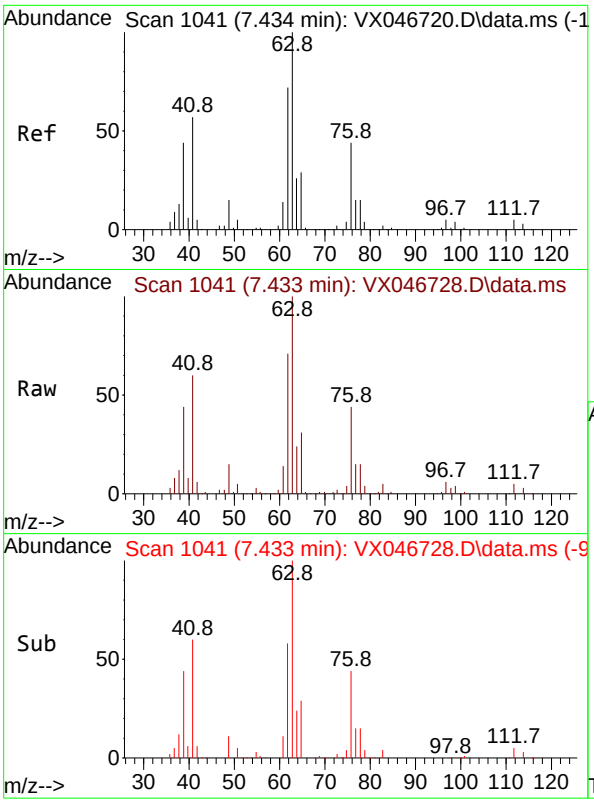


#44
Trichloroethene
Concen: 48.105 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:130 Resp: 85692

Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	202.6



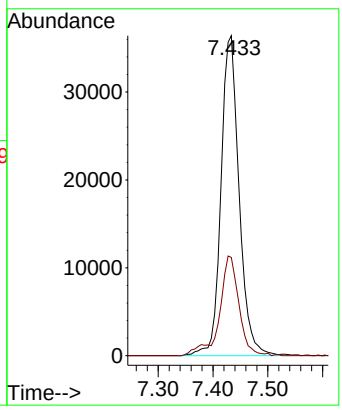


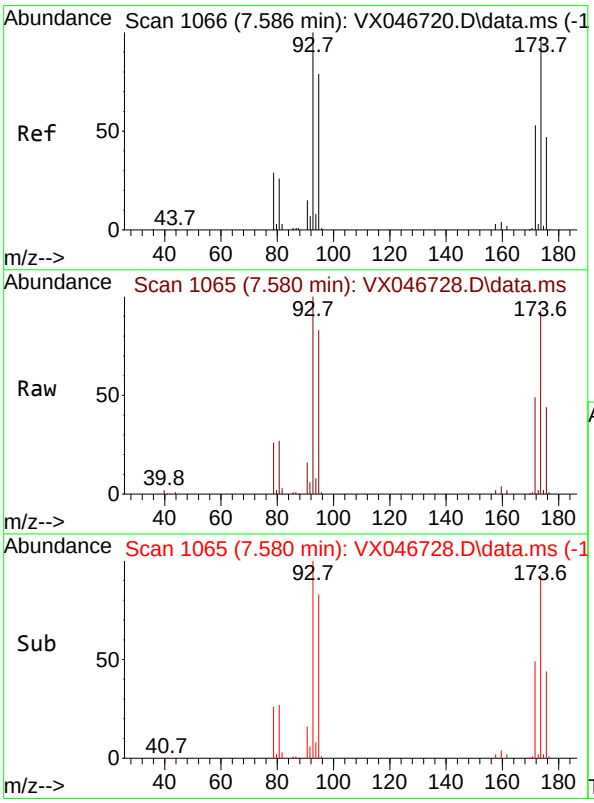
#45
1,2-Dichloropropane
Concen: 48.335 ug/l
RT: 7.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 83732

Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.9	34.3

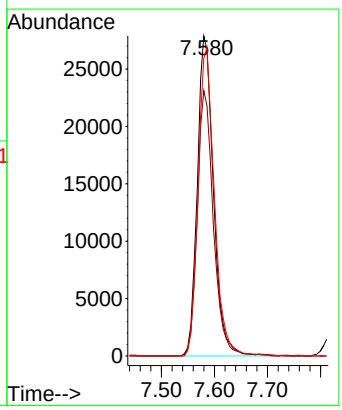


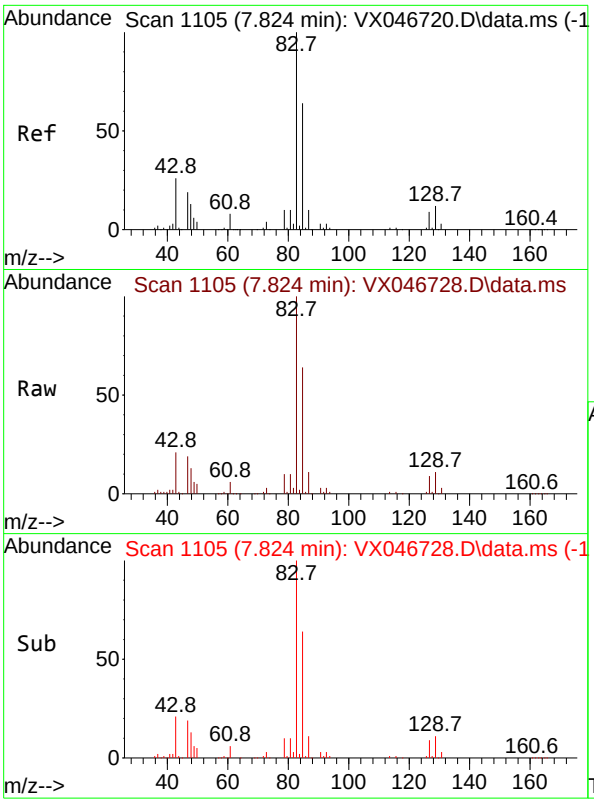


#46
Dibromomethane
Concen: 47.472 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 93 Resp: 59103

Ion	Ratio	Lower	Upper
93	100		
95	82.1	66.2	99.4
174	96.4	77.0	115.6



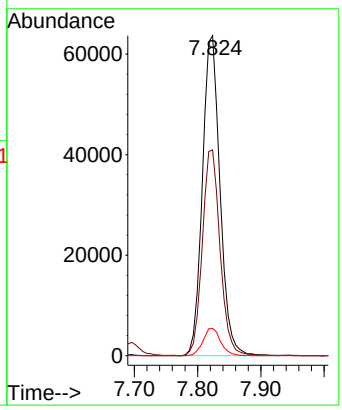


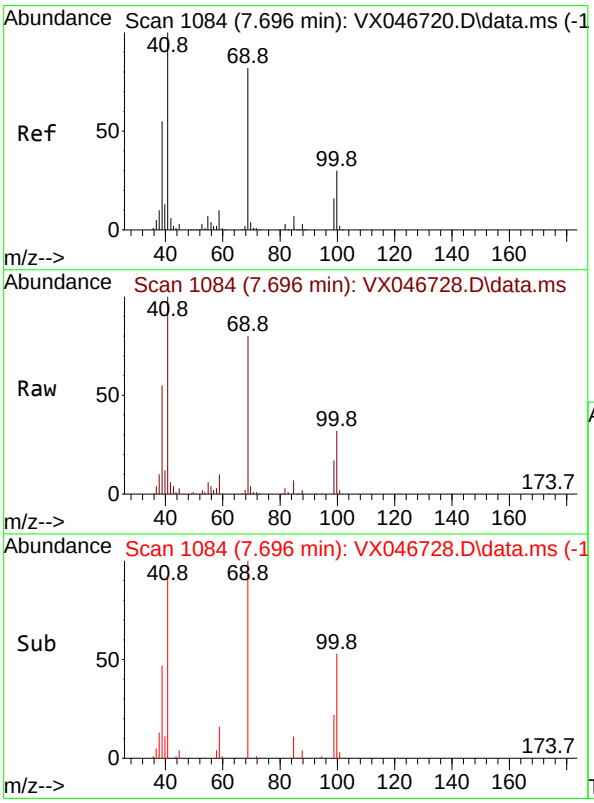
#47
Bromodichloromethane
Concen: 48.587 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 123442

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2
127	8.5	6.9	10.3

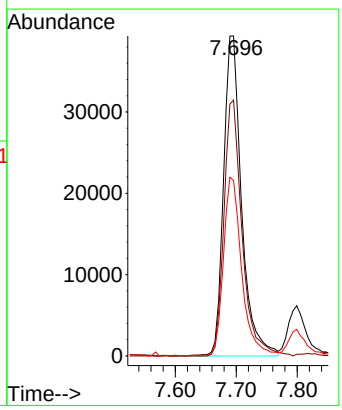


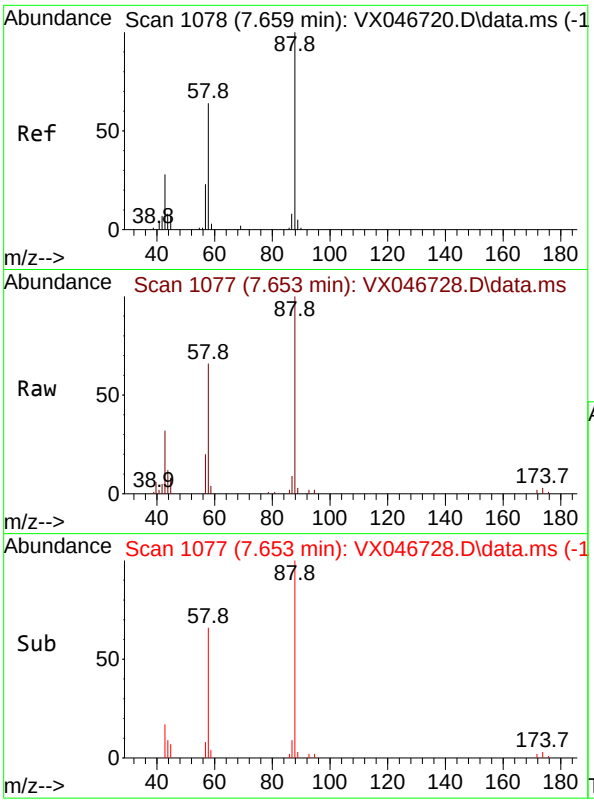


#48
Methyl methacrylate
Concen: 47.322 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 41 Resp: 80965

Ion	Ratio	Lower	Upper
41	100		
69	80.1	63.4	95.2
39	56.3	45.4	68.0



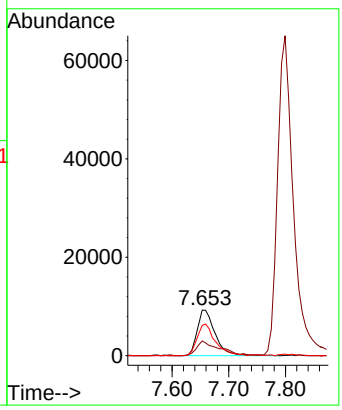


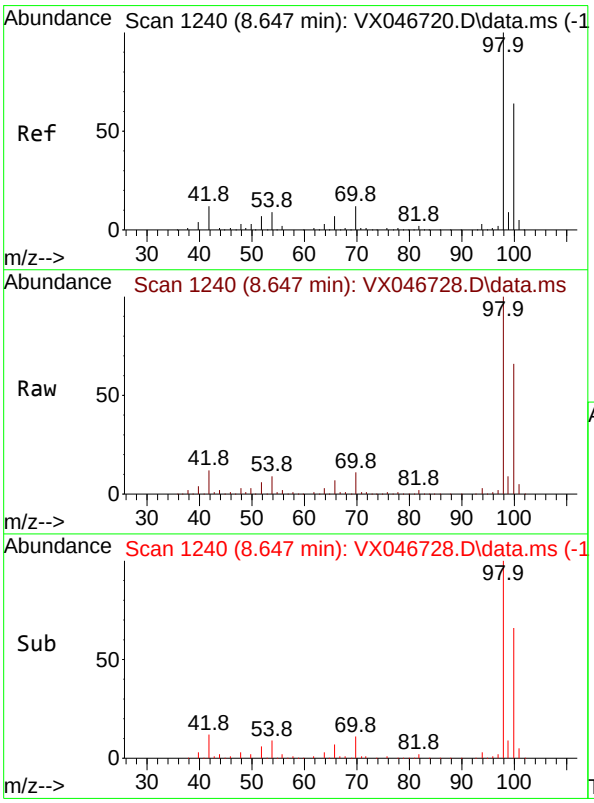
#49
1,4-Dioxane
Concen: 817.840 ug/l
RT: 7.653 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 20224

Ion	Ratio	Lower	Upper
88	100		
43	41.3	31.2	46.8
58	70.2	54.7	82.1

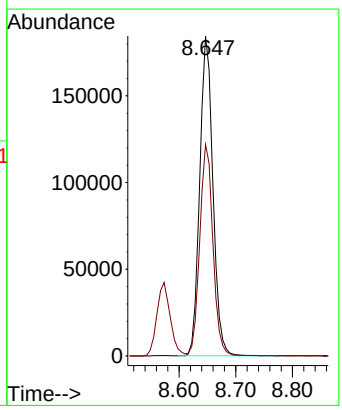


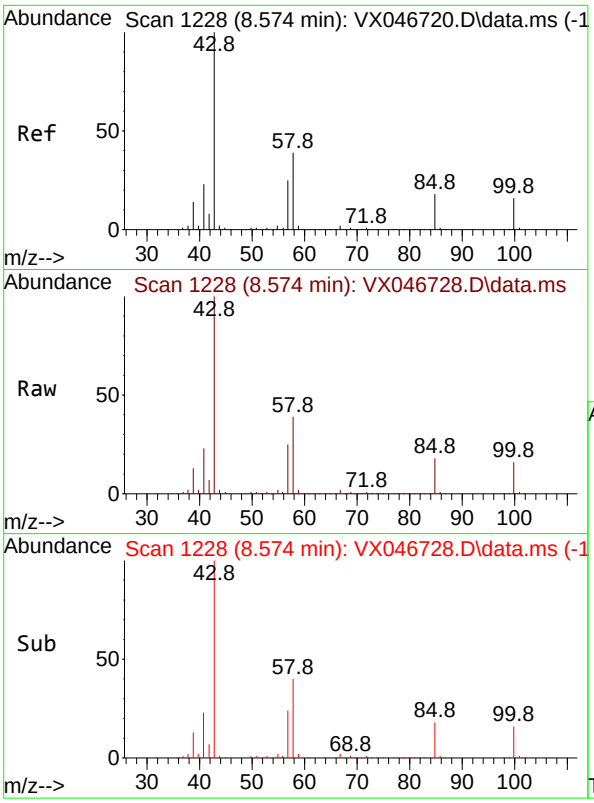


#50
Toluene-d8
Concen: 50.561 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 98 Resp: 297216

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



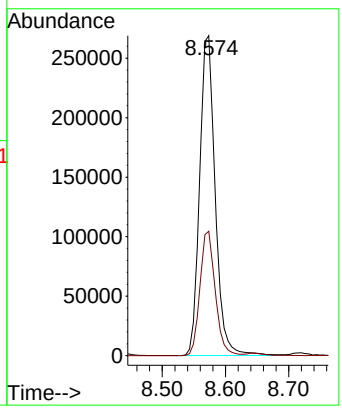


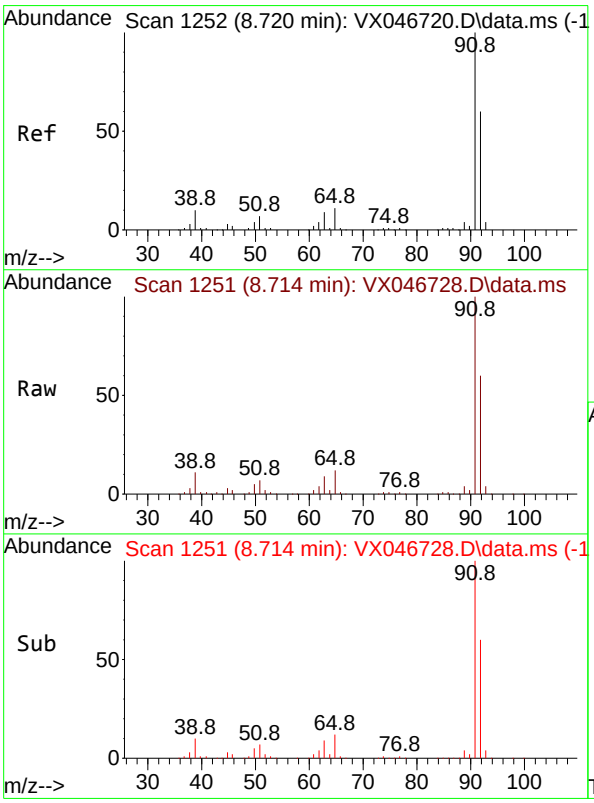
#51
4-Methyl-2-Pentanone
Concen: 227.118 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 462115

Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.8	46.2

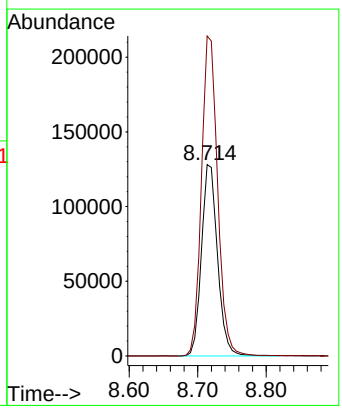


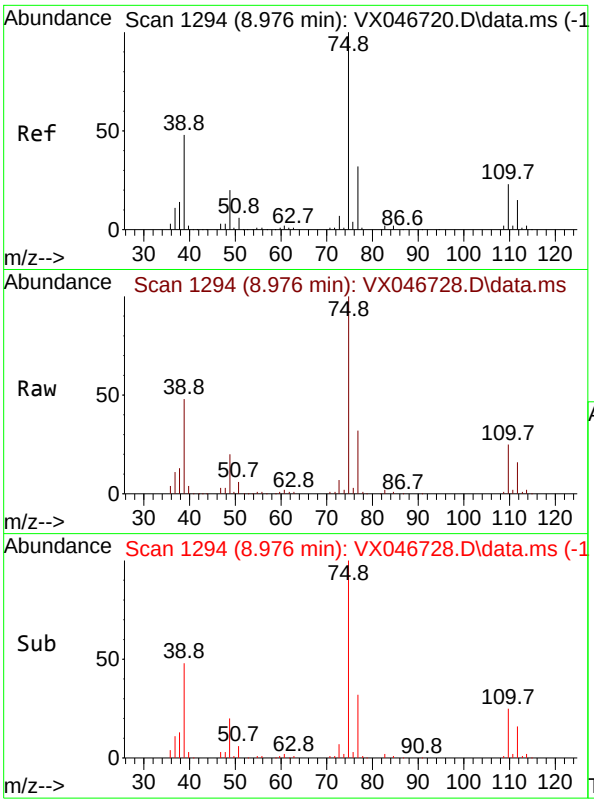


#52
Toluene
Concen: 48.176 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 92 Resp: 208762

Ion	Ratio	Lower	Upper
92	100		
91	169.0	134.8	202.2



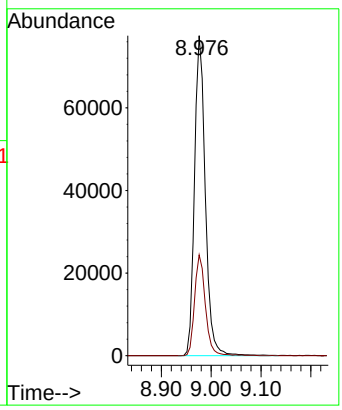


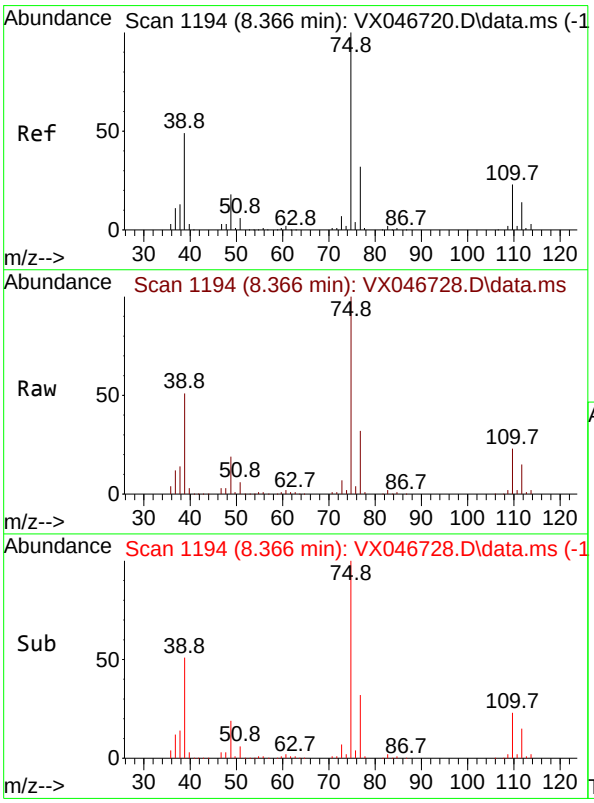
#53
t-1,3-Dichloropropene
Concen: 49.516 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 116724

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.6	38.4

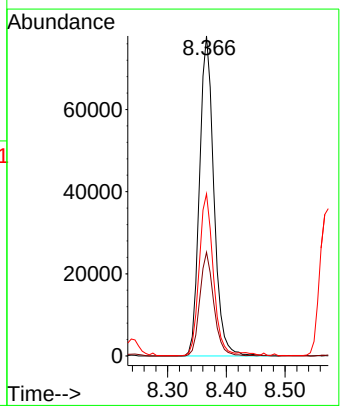


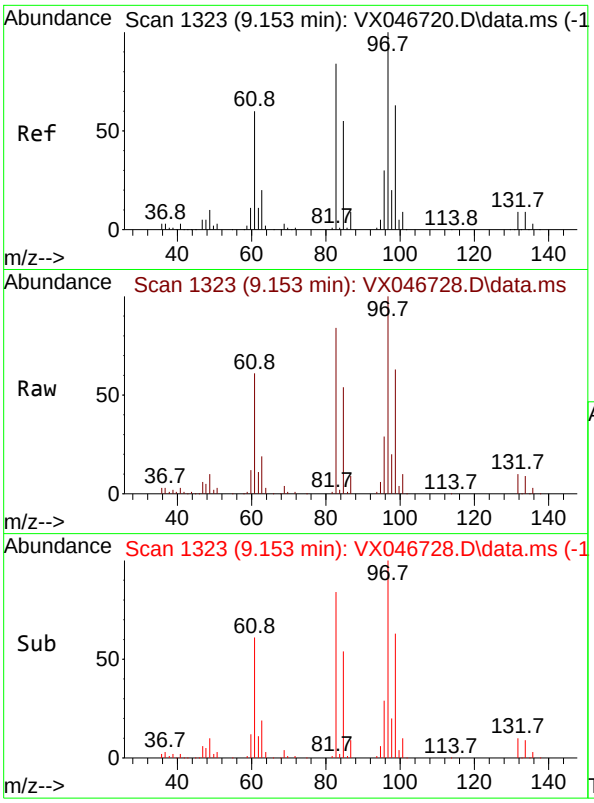


#54
cis-1,3-Dichloropropene
Concen: 49.396 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 75 Resp: 132187

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.3	37.9
39	50.6	39.2	58.8



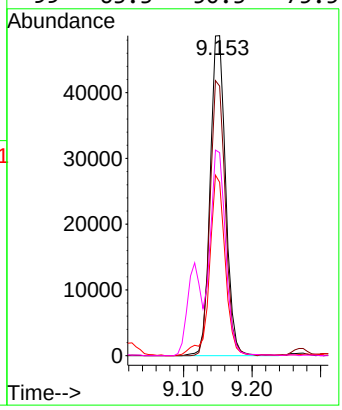


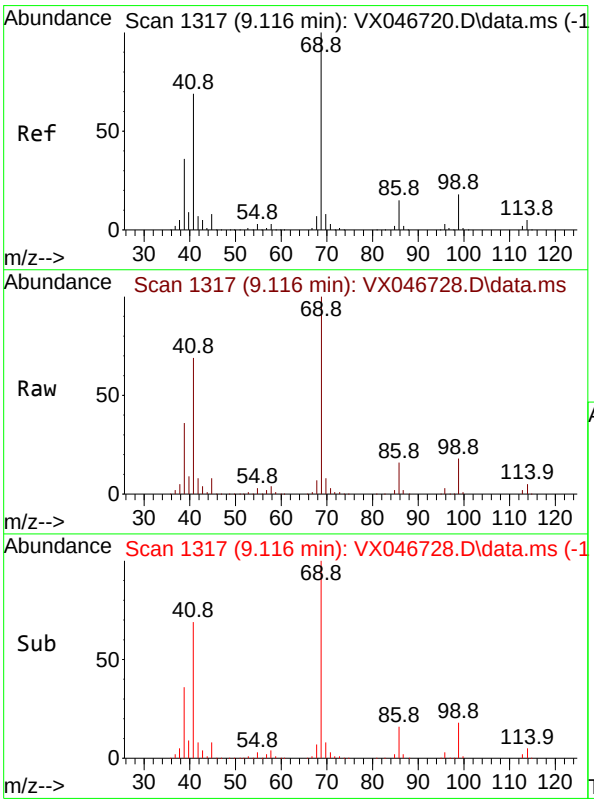
#55
1,1,2-Trichloroethane
Concen: 47.325 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 76422

Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.2	100.8
85	54.0	44.1	66.1
99	63.3	50.3	75.5

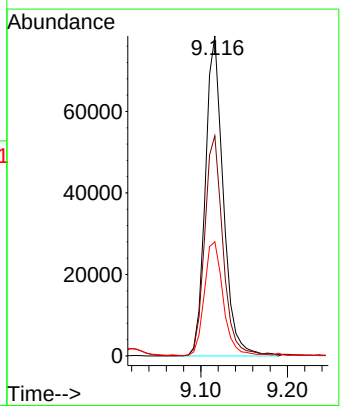


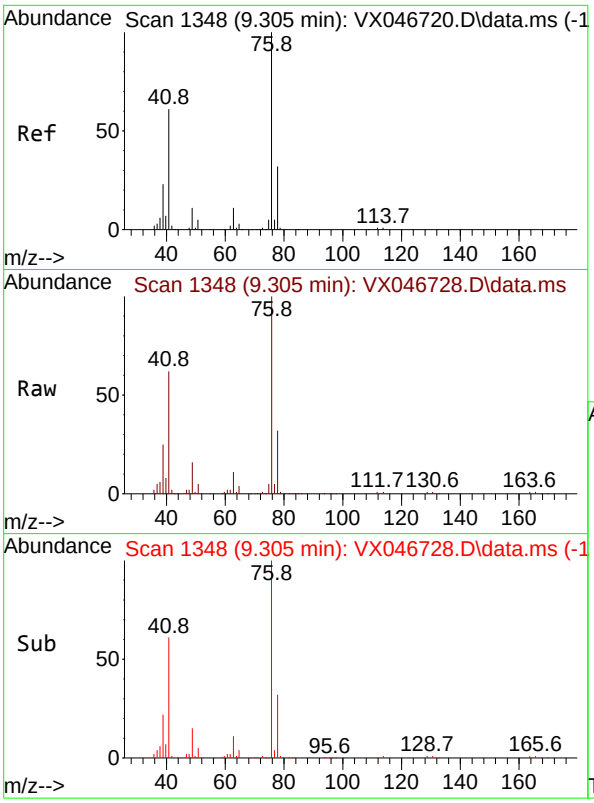


#56
Ethyl methacrylate
Concen: 47.362 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 69 Resp: 112902

Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.4	83.2
39	37.1	29.7	44.5



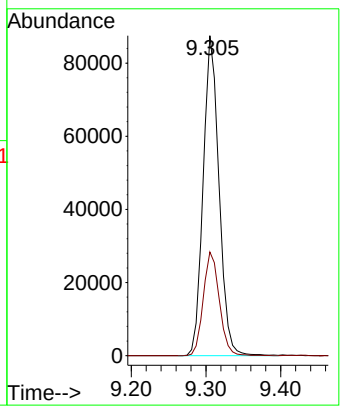


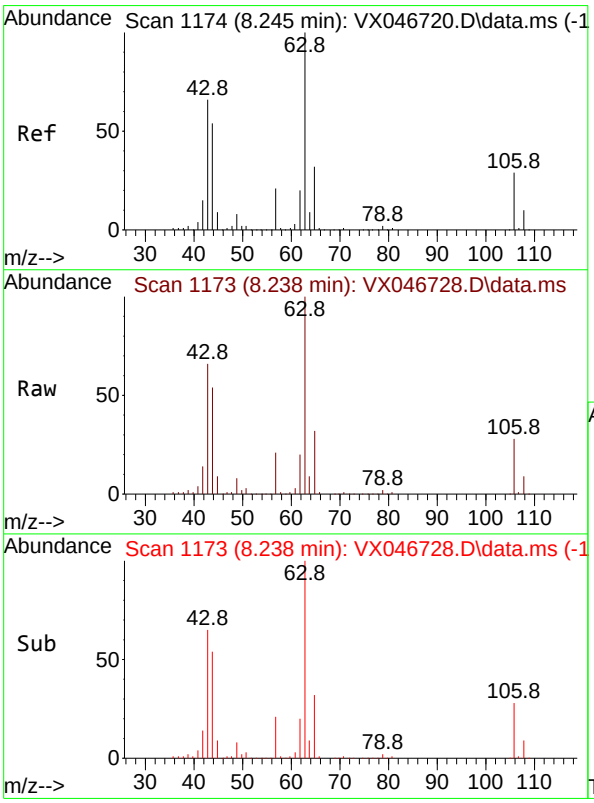
#57
1,3-Dichloropropane
Concen: 46.323 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 128820

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.7	38.5

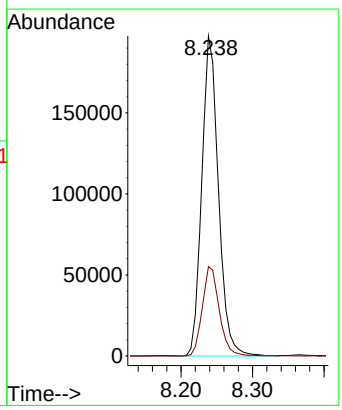


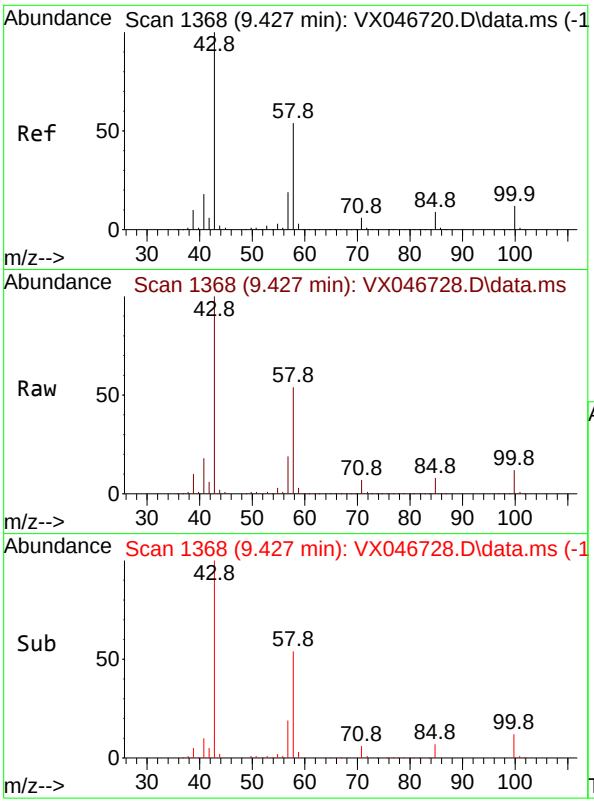


#58
2-Chloroethyl Vinyl ether
Concen: 257.912 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 63 Resp: 319370

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.6	34.0



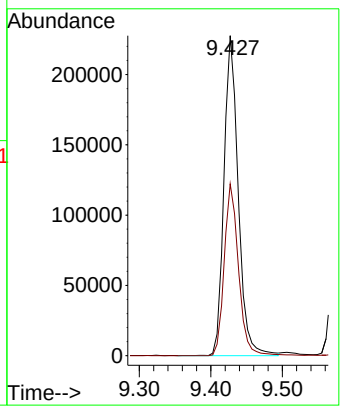


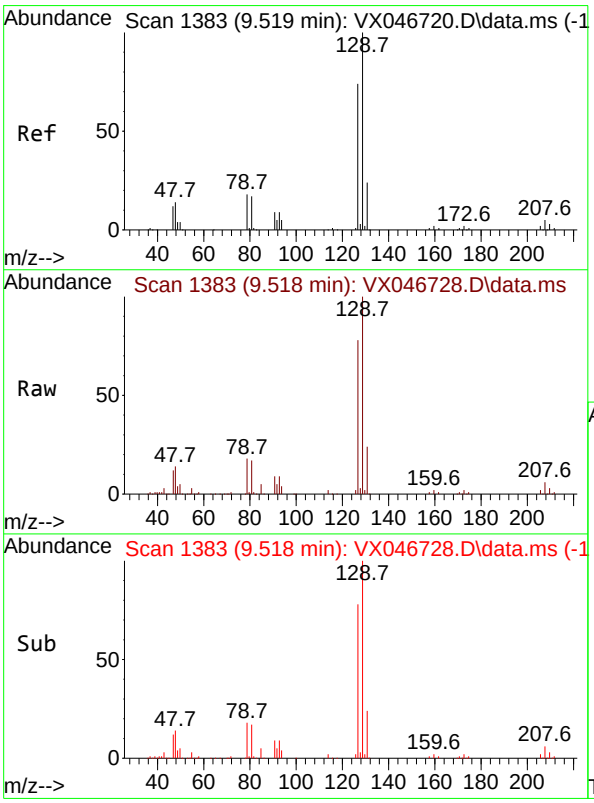
#59
2-Hexanone
Concen: 224.819 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 316244

Ion	Ratio	Lower	Upper
43	100		
58	53.8	26.8	80.4

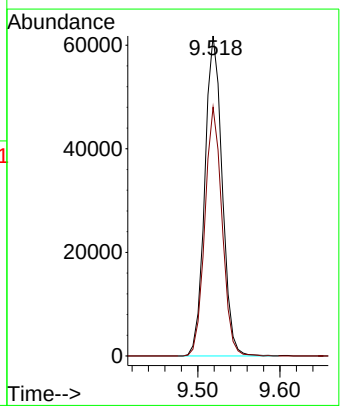


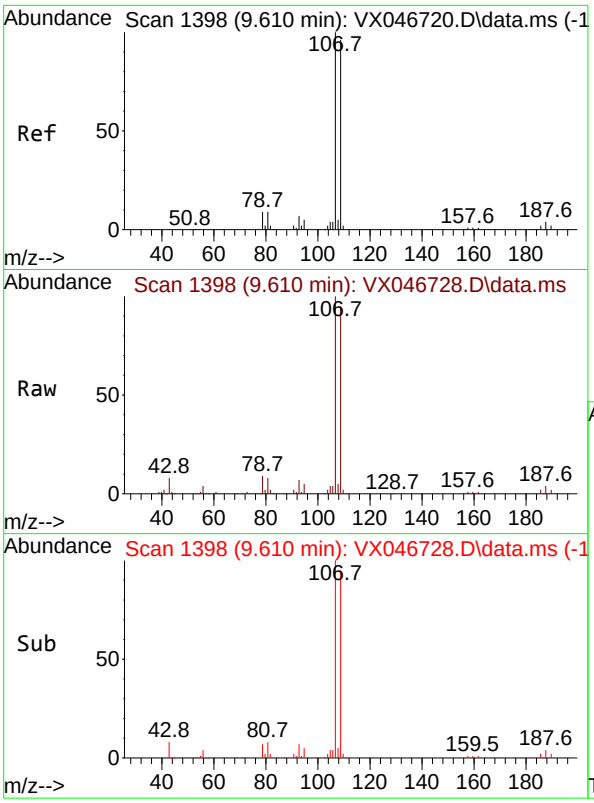


#60
Dibromochloromethane
Concen: 47.662 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:129 Resp: 90703

Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.4	115.2



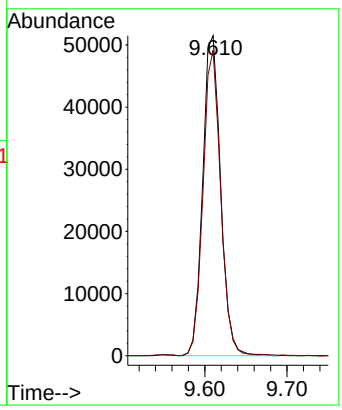


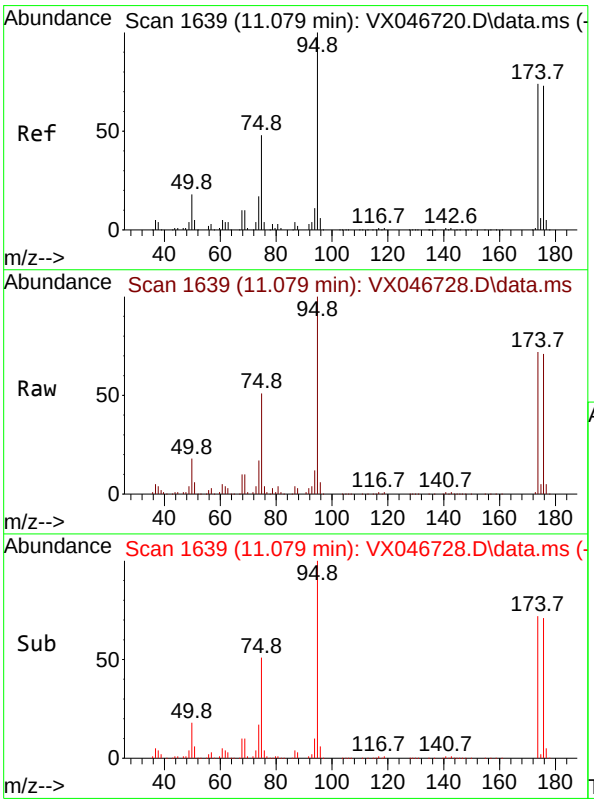
#61
1,2-Dibromoethane
Concen: 47.518 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 78054

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.8	113.6

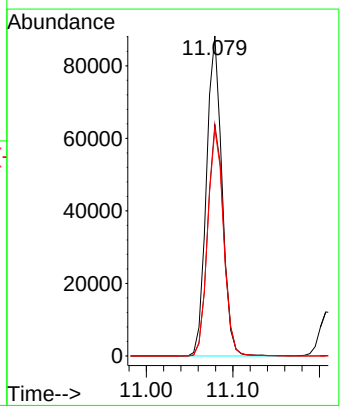


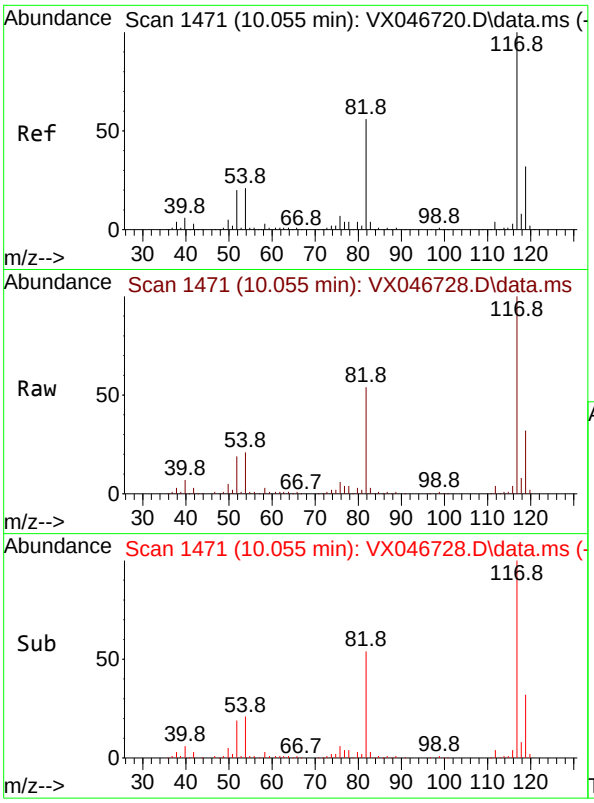


#62
4-Bromofluorobenzene
Concen: 49.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 95 Resp: 109436

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	150.4
176	72.6	0.0	145.0



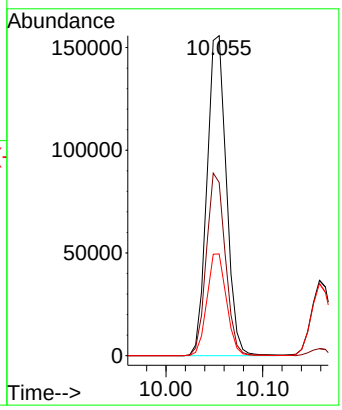


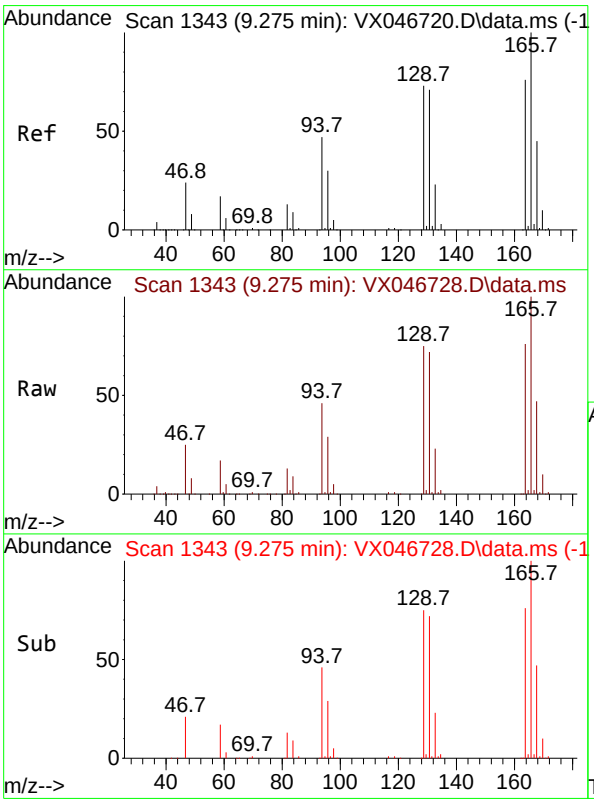
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 216990

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.6	66.8
119	31.8	25.8	38.8

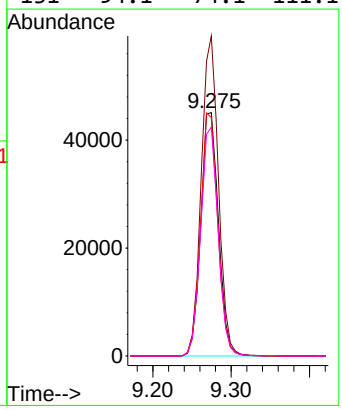


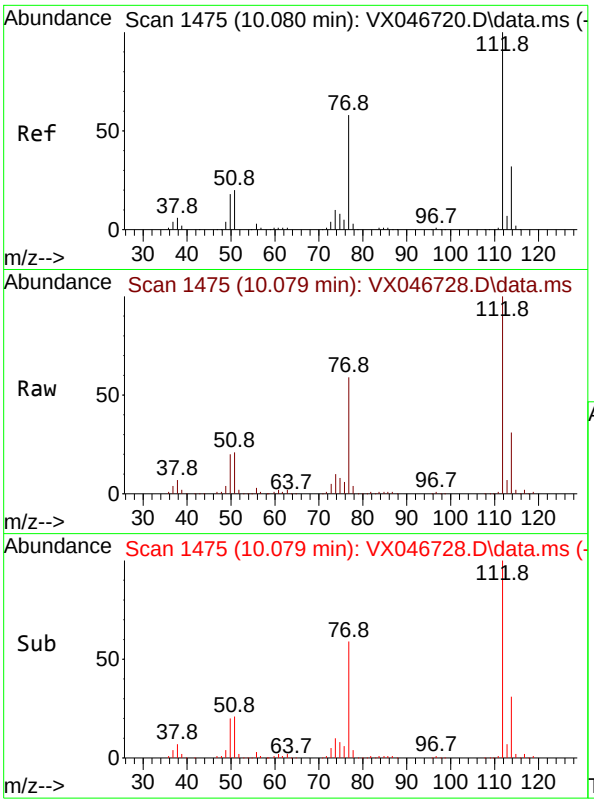


#64
Tetrachloroethene
Concen: 46.765 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:164 Resp: 70305

Ion	Ratio	Lower	Upper
164	100		
166	131.5	104.6	157.0
129	98.0	76.3	114.5
131	94.1	74.1	111.1



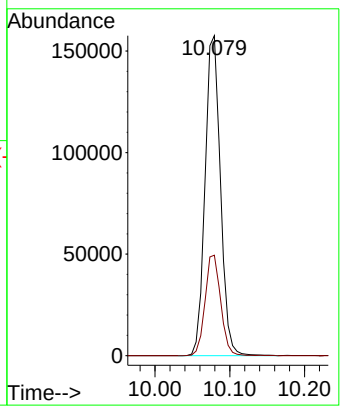


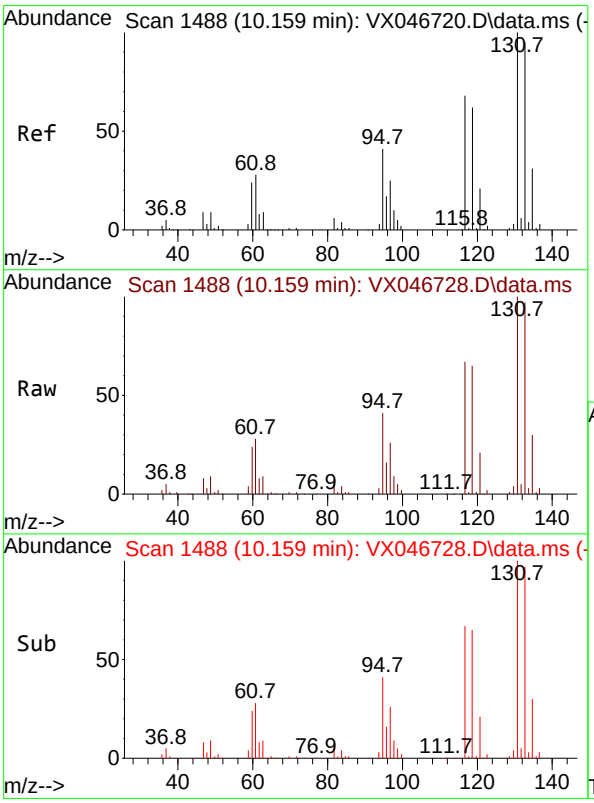
#65
Chlorobenzene
Concen: 47.007 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 225160

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.5	38.3

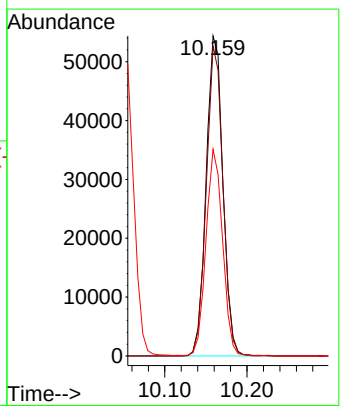


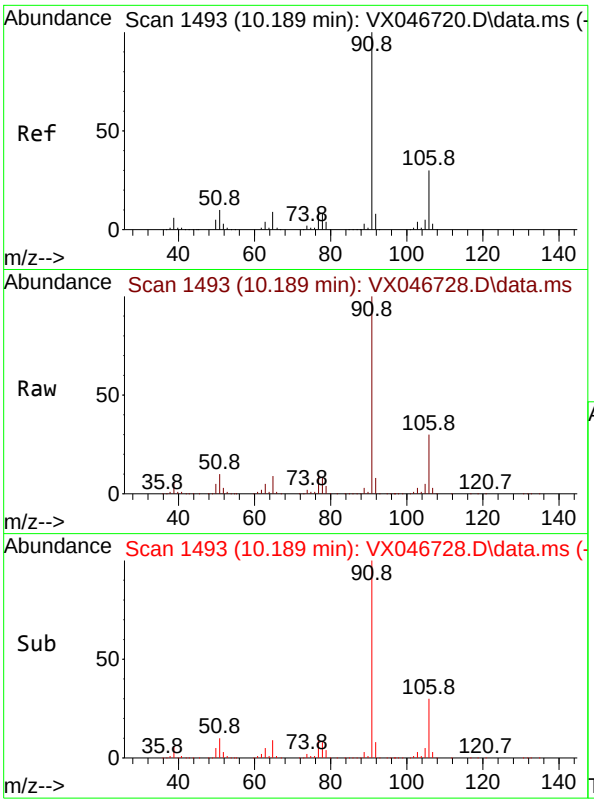


#66
1,1,1,2-Tetrachloroethane
Concen: 47.803 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:131 Resp: 76955

Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.3	141.8
119	64.0	32.1	96.3



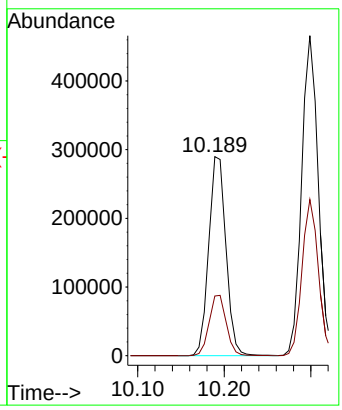


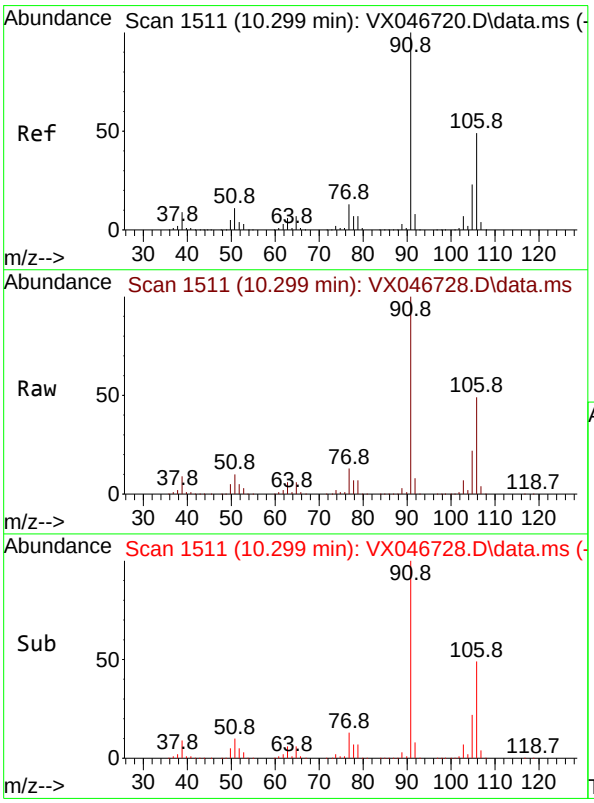
#67
Ethyl Benzene
Concen: 47.920 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 401054

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.2	36.2

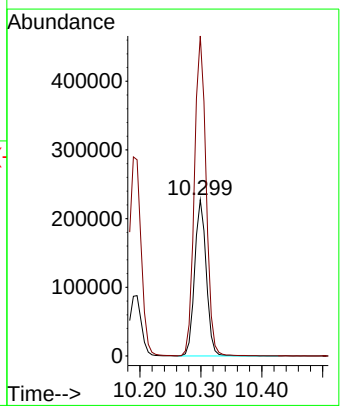


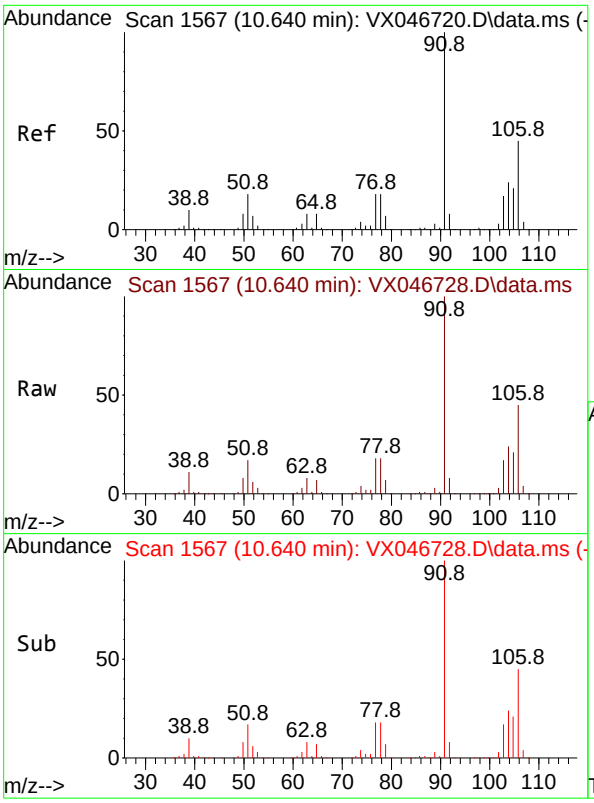


#68
m/p-Xylenes
Concen: 95.905 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:106 Resp: 299077

Ion	Ratio	Lower	Upper
106	100		
91	207.8	164.8	247.2



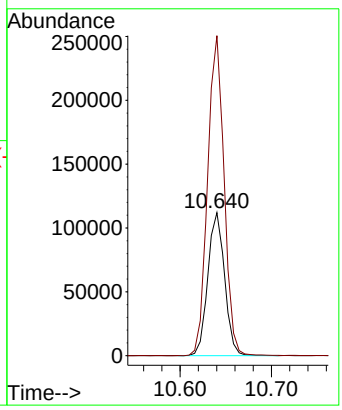


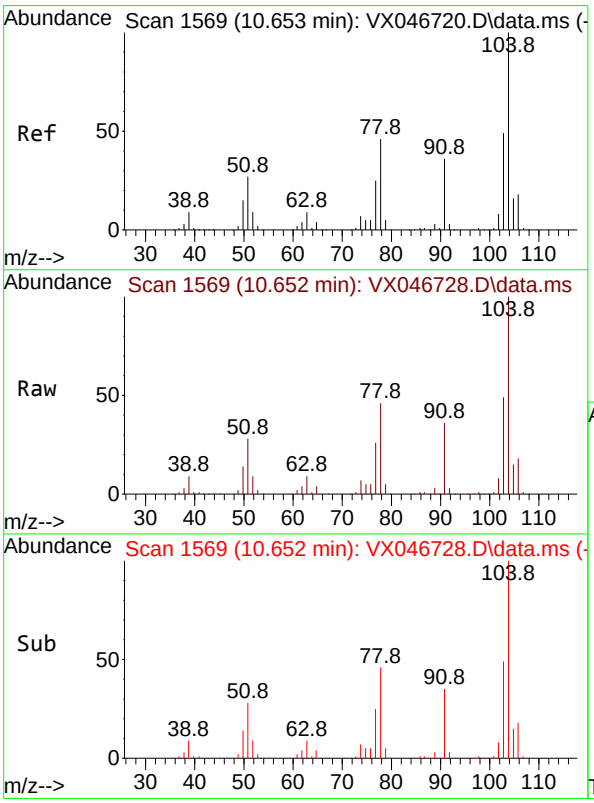
#69
o-Xylene
Concen: 48.886 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 142872

Ion	Ratio	Lower	Upper
106	100		
91	220.6	111.3	333.9

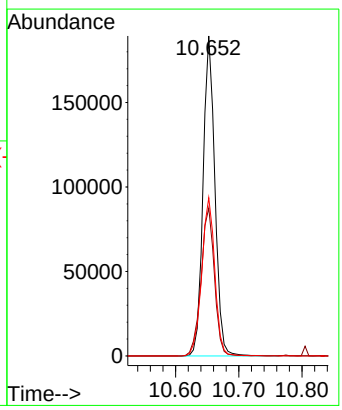


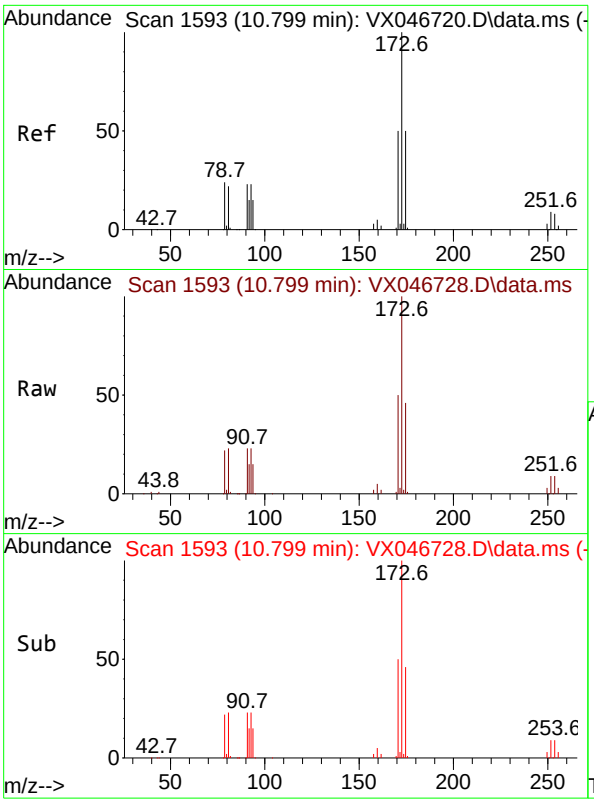


#70
Styrene
Concen: 48.325 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:104 Resp: 247158

Ion	Ratio	Lower	Upper
104	100		
78	52.3	41.4	62.2
103	54.6	43.1	64.7



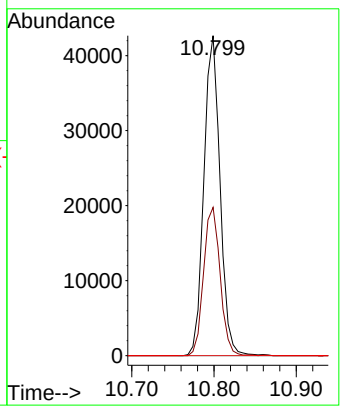


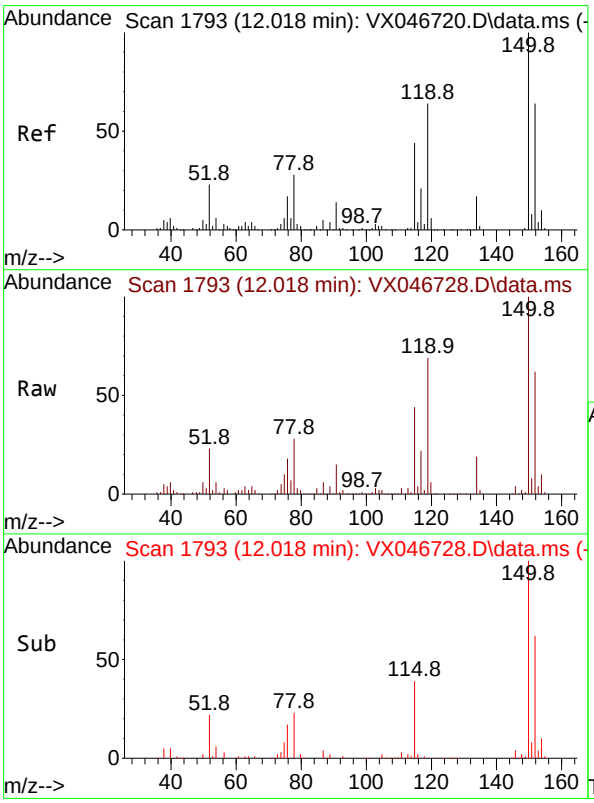
#71
Bromoform
Concen: 47.441 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 58162

Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.1	72.4
254	0.0	0.1	0.1#

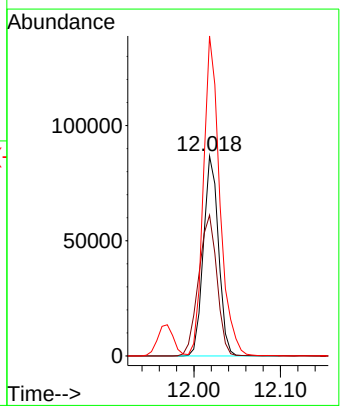


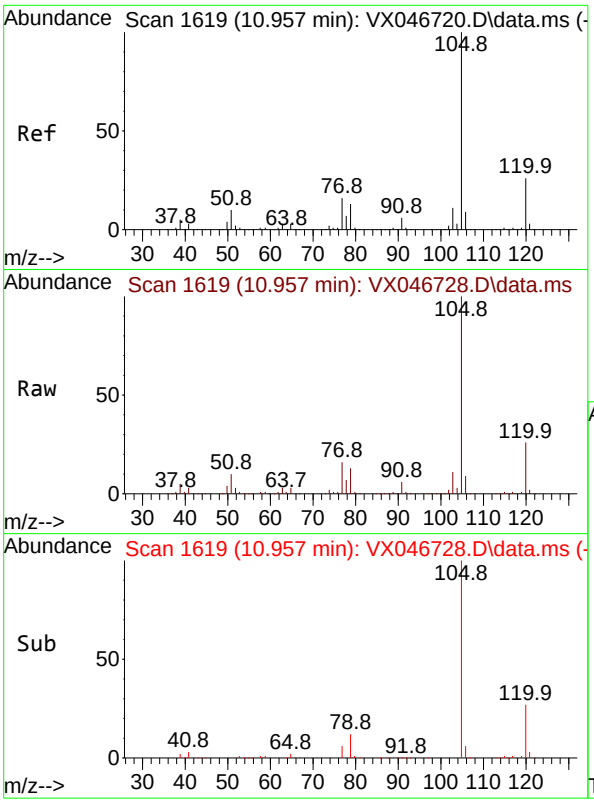


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:152 Resp: 104970

Ion	Ratio	Lower	Upper
152	100		
115	85.7	43.2	129.6
150	173.7	0.0	346.8



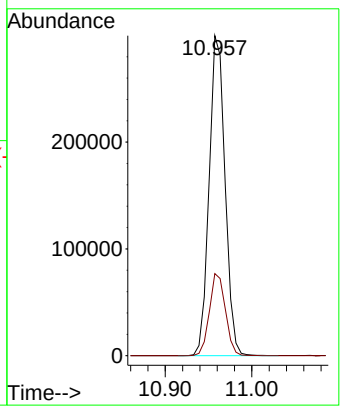


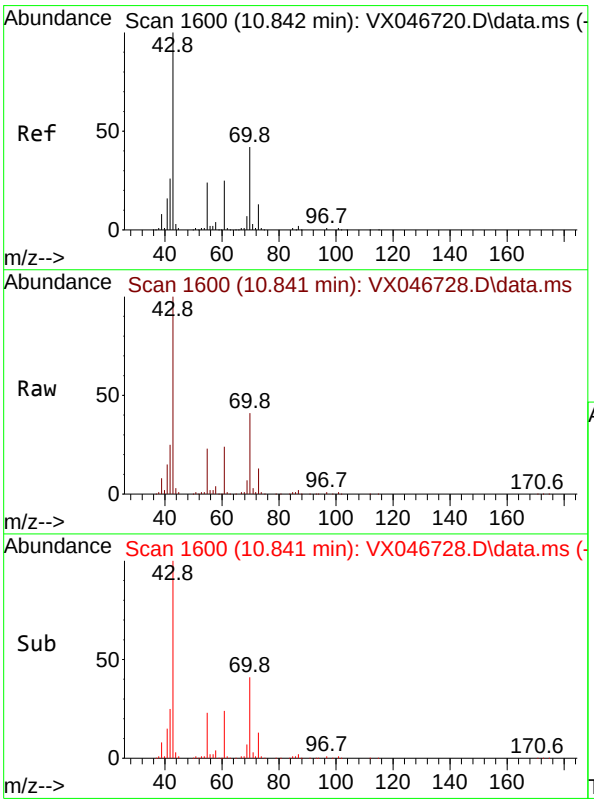
#73
Isopropylbenzene
Concen: 49.504 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 382718

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.0	39.0

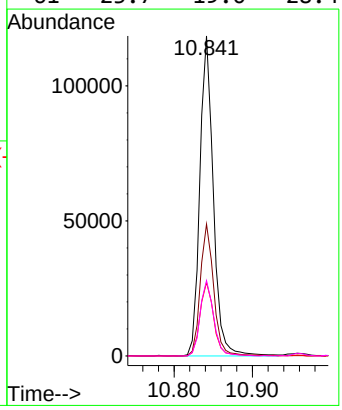


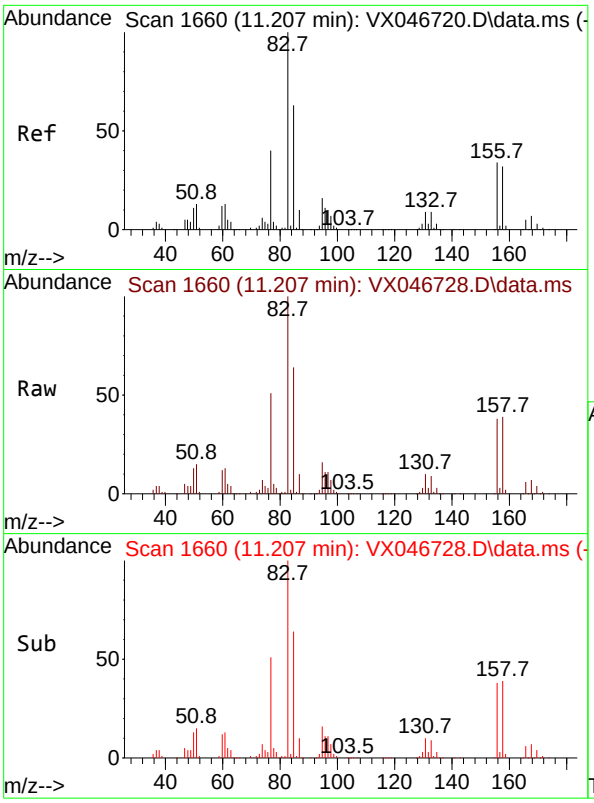


#74
N-amyl acetate
Concen: 48.357 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 43 Resp: 141644

Ion	Ratio	Lower	Upper
43	100		
70	41.0	33.4	50.0
55	23.7	19.1	28.7
61	23.7	19.0	28.4



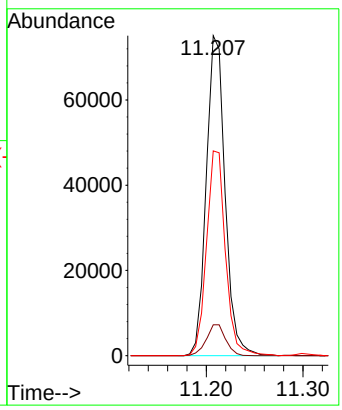


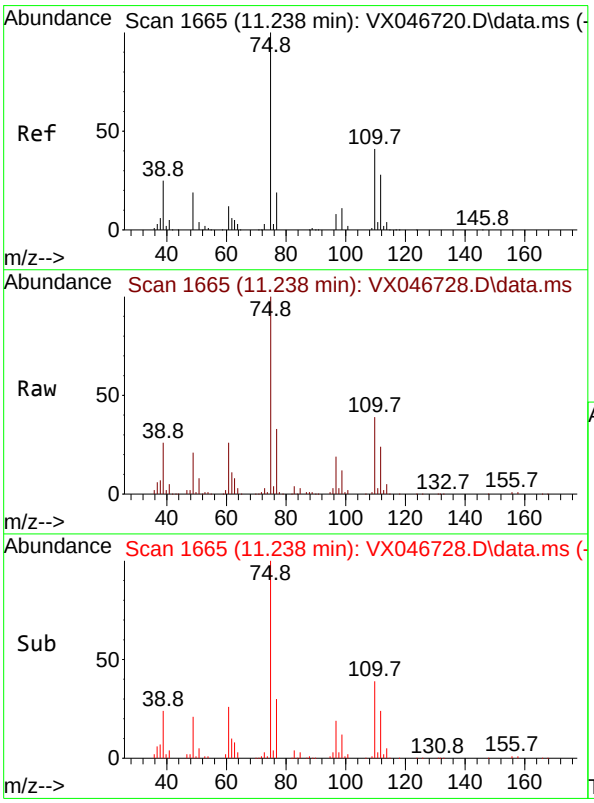
#75
1,1,2,2-Tetrachloroethane
Concen: 46.876 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 101190

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	64.5	32.0	96.0

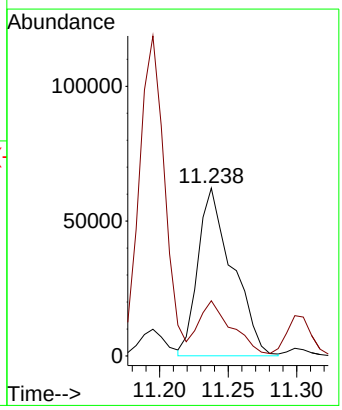


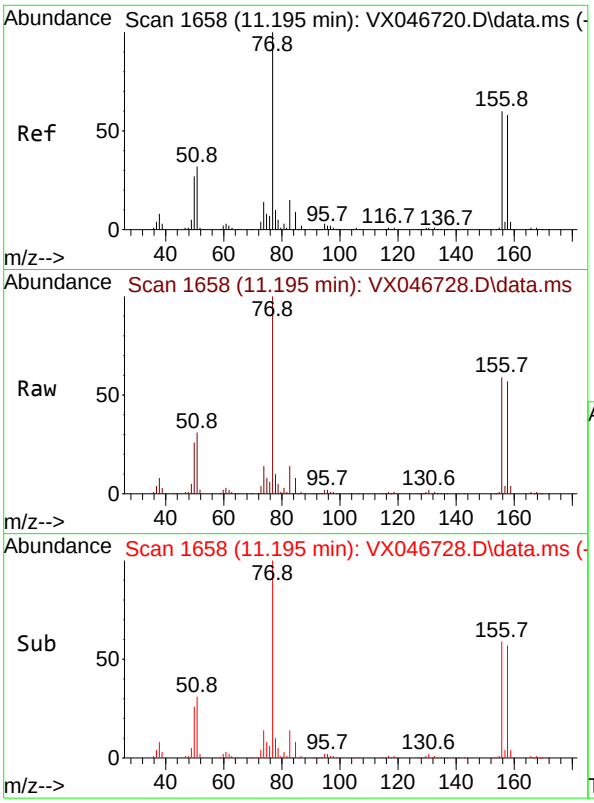


#76
1,2,3-Trichloropropane
Concen: 56.759 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 75 Resp: 109122

Ion	Ratio	Lower	Upper
75	100		
77	31.8	18.5	55.5



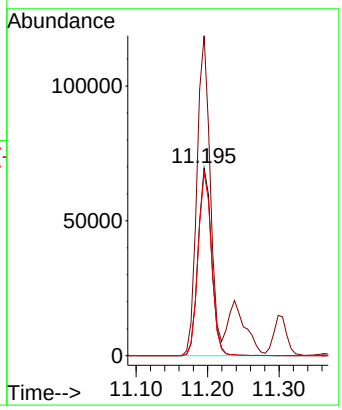


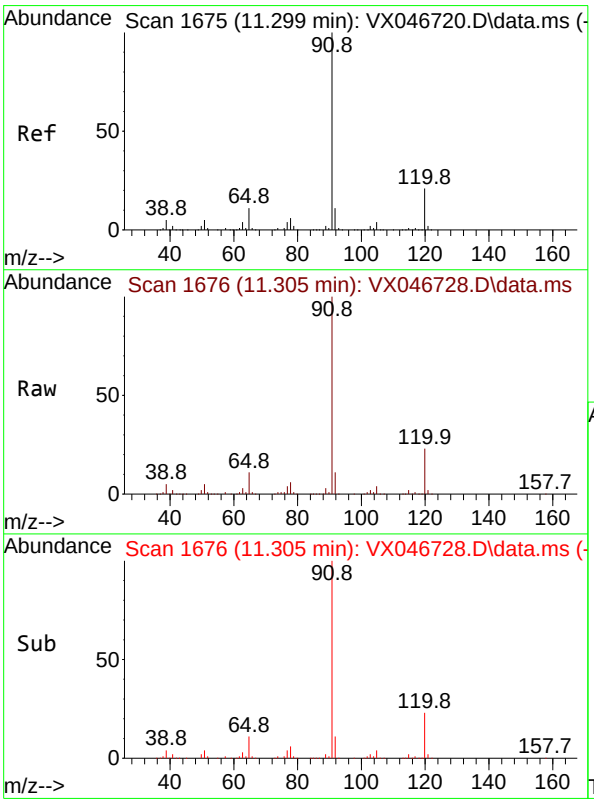
#77
Bromobenzene
Concen: 48.728 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 90654

Ion	Ratio	Lower	Upper
156	100		
77	168.9	82.8	248.6
158	97.8	47.6	142.9

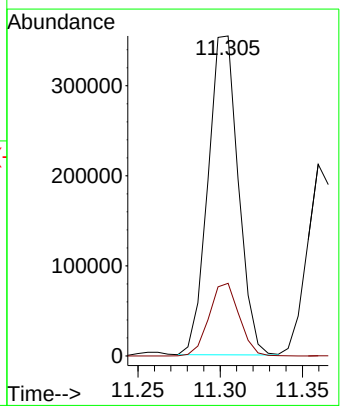


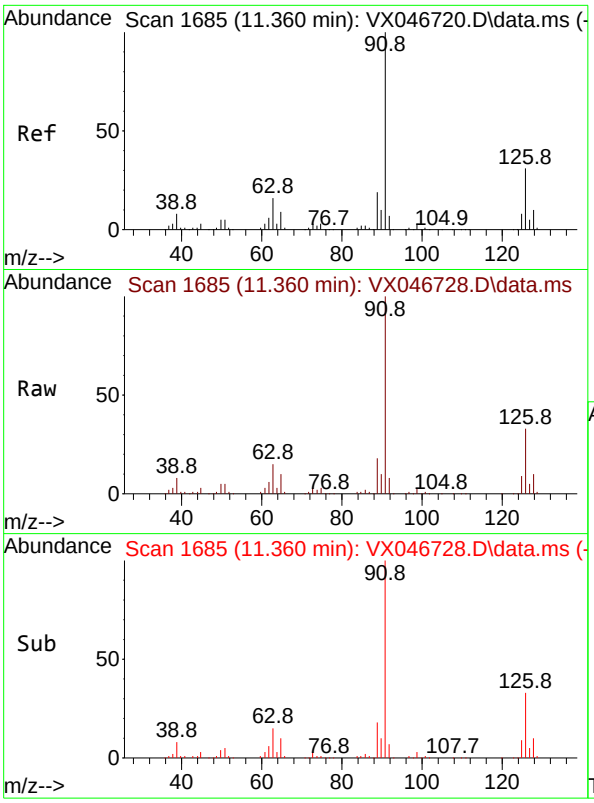


#78
n-propylbenzene
Concen: 49.480 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 91 Resp: 454356

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1



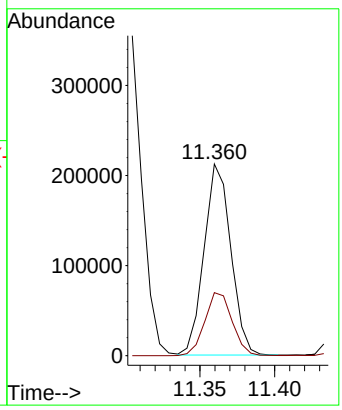


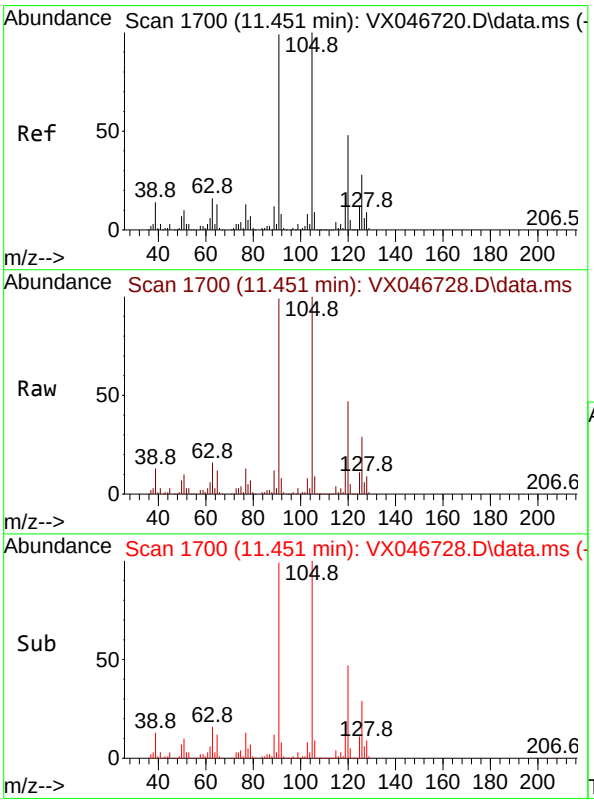
#79
2-Chlorotoluene
Concen: 48.156 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 264018

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.6	49.7

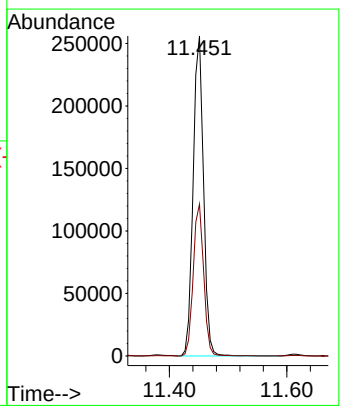


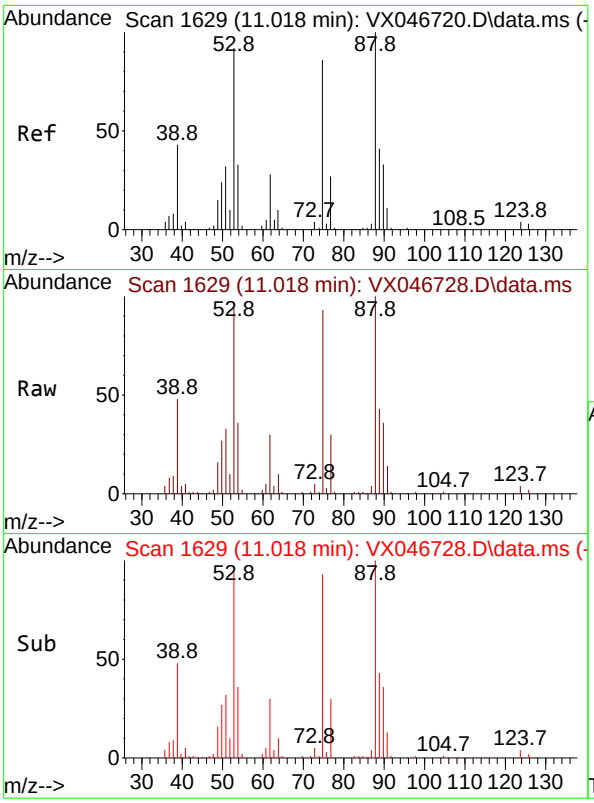


#80
1,3,5-Trimethylbenzene
Concen: 49.373 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:105 Resp: 313670

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.1	72.2



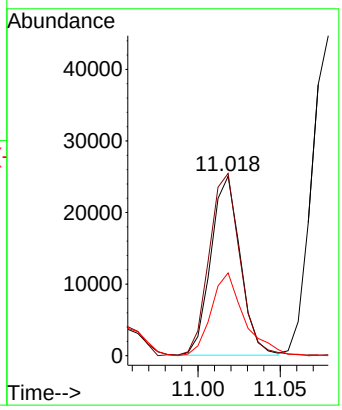


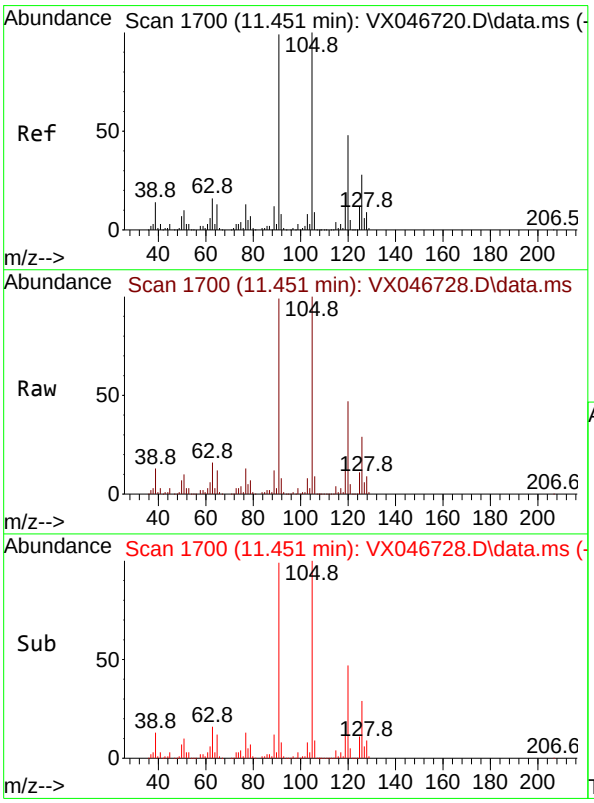
#81
trans-1,4-Dichloro-2-butene
Concen: 45.899 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 31219

Ion	Ratio	Lower	Upper
75	100		
53	105.9	86.8	130.2
89	52.0	36.9	55.3

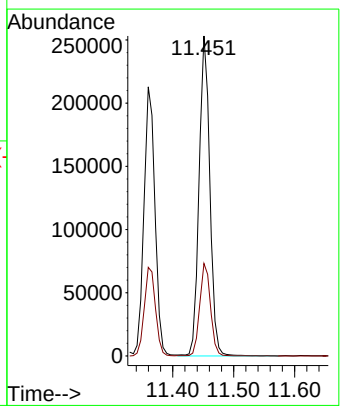


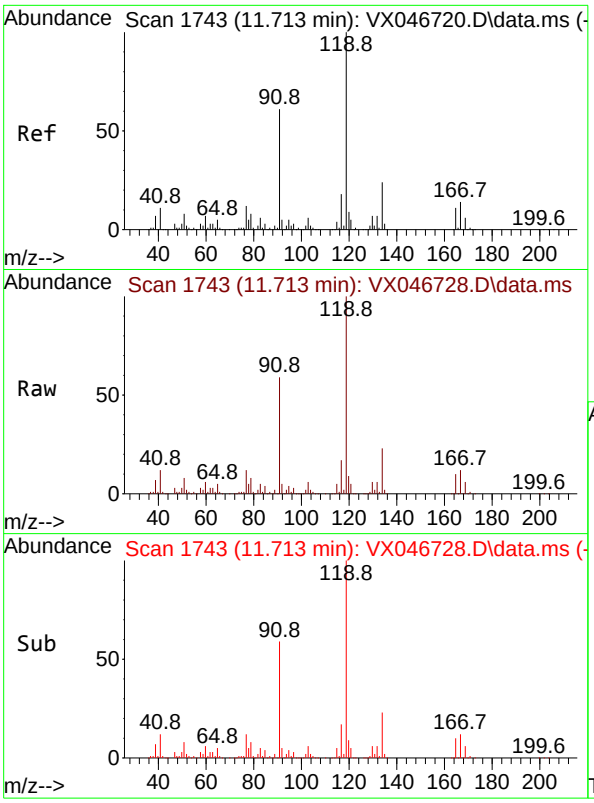


#82
4-Chlorotoluene
Concen: 48.572 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 91 Resp: 310790

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.4	43.2



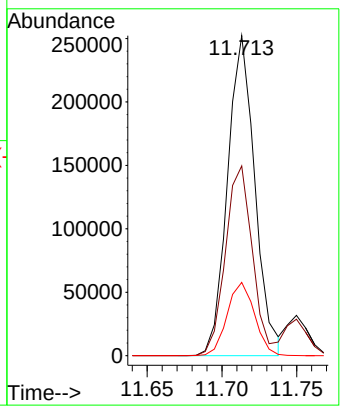


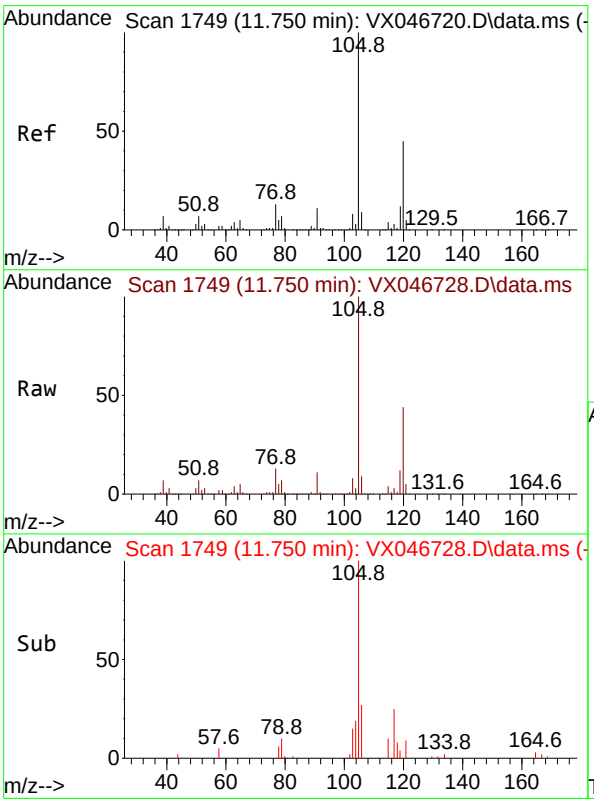
#83
tert-Butylbenzene
Concen: 48.896 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 321103

Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.5	88.6
134	23.0	11.7	35.0

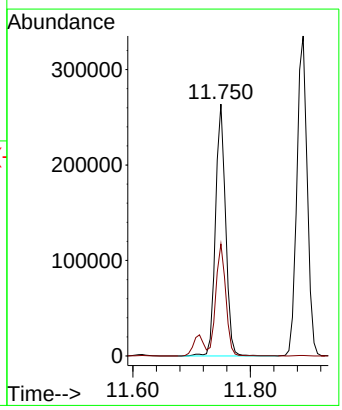


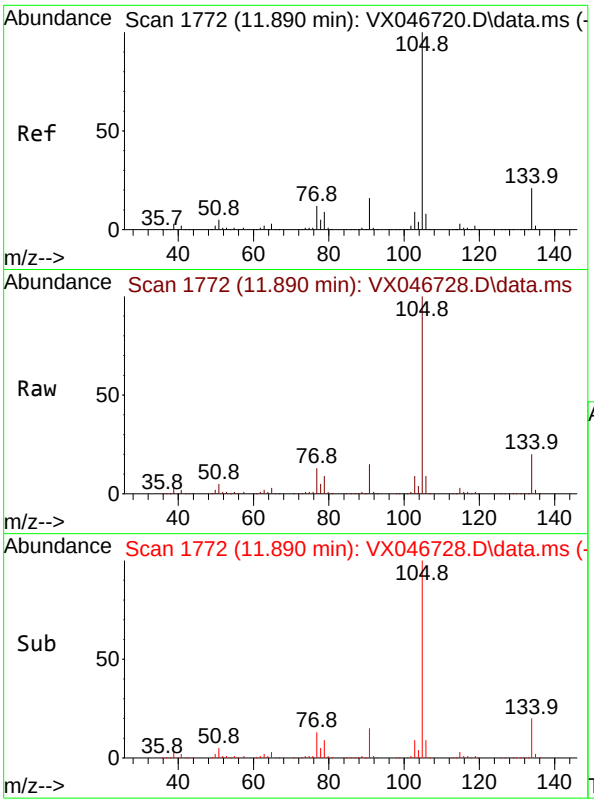


#84
1,2,4-Trimethylbenzene
Concen: 49.164 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:105 Resp: 313812

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.3



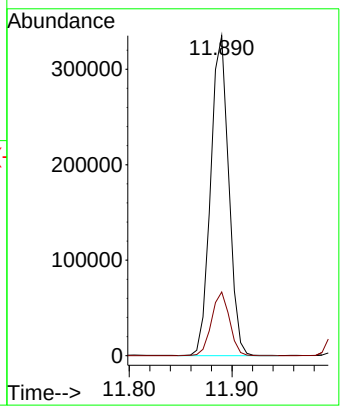


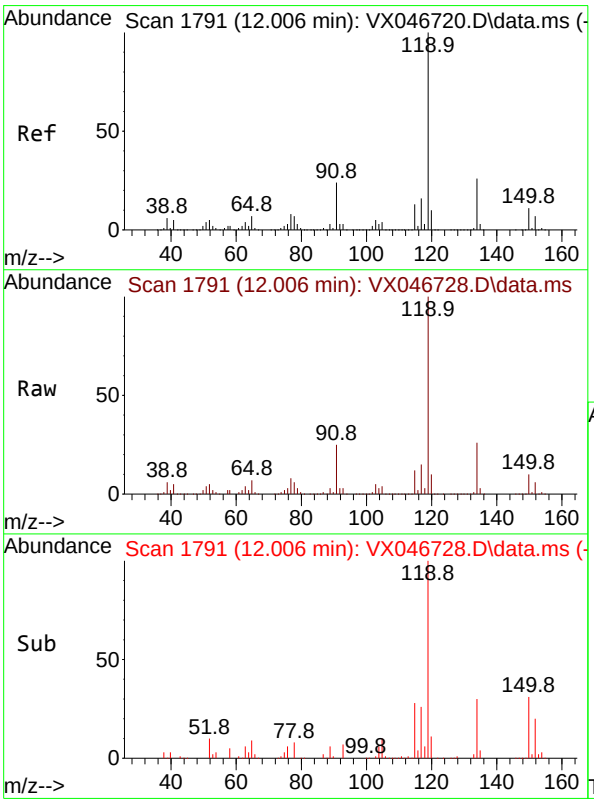
#85
sec-Butylbenzene
Concen: 49.388 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 409901

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4

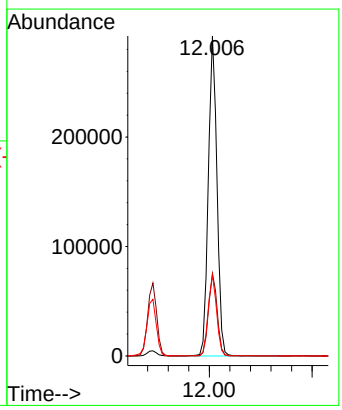


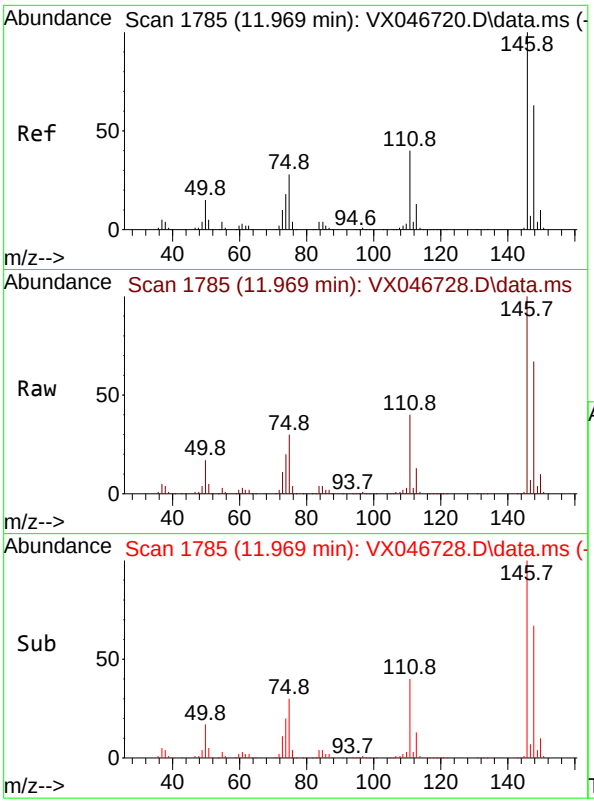


#86
p-Isopropyltoluene
Concen: 48.559 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:119 Resp: 340046

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	25.0	12.3	36.9



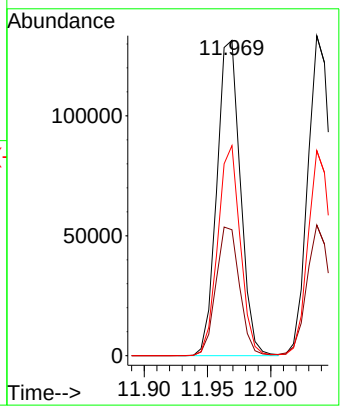


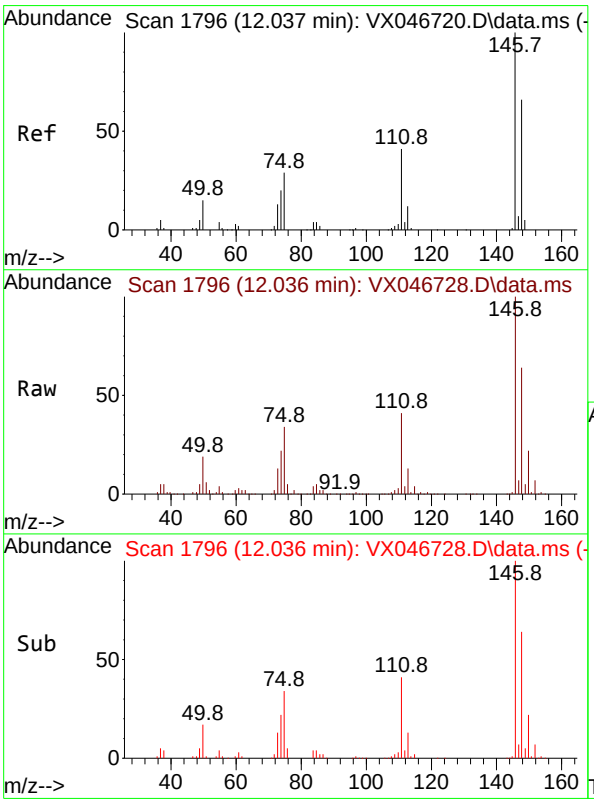
#87
1,3-Dichlorobenzene
Concen: 46.668 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 169284

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.8
148	64.0	31.6	94.8

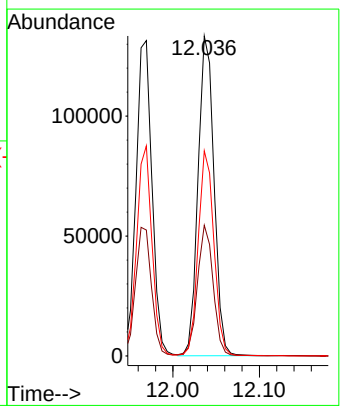


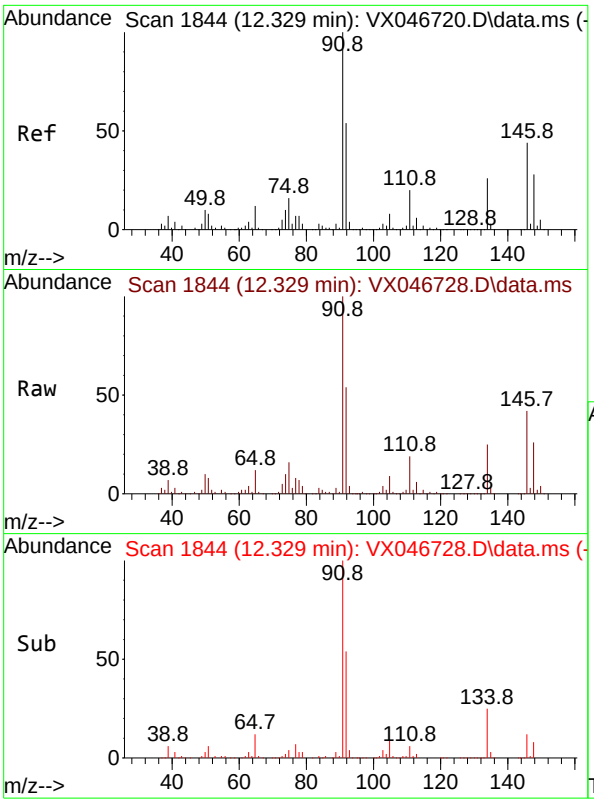


#88
1,4-Dichlorobenzene
Concen: 45.774 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:146 Resp: 170550

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	61.0
148	63.2	32.1	96.5



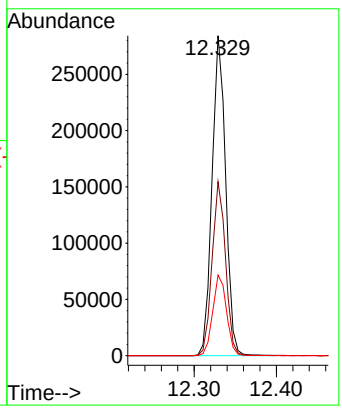


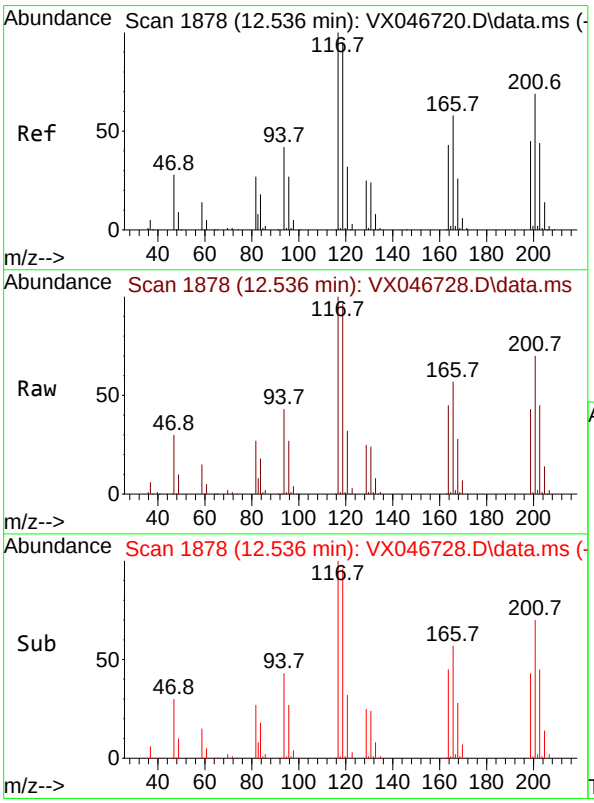
#89
n-Butylbenzene
Concen: 49.115 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 326557

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.1	81.3
134	25.7	12.9	38.6

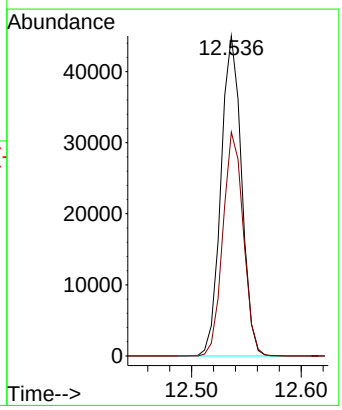


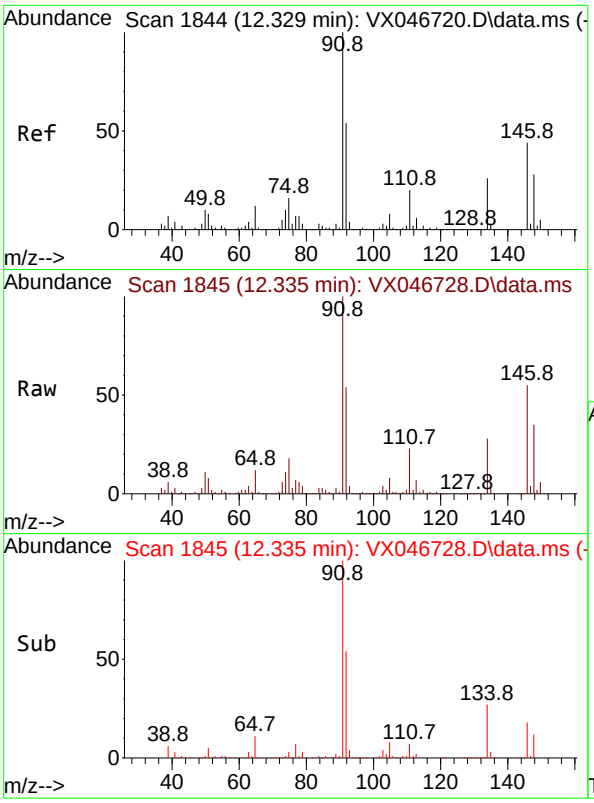


#90
Hexachloroethane
Concen: 47.909 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:117 Resp: 58749

Ion	Ratio	Lower	Upper
117	100		
201	69.3	34.4	103.3



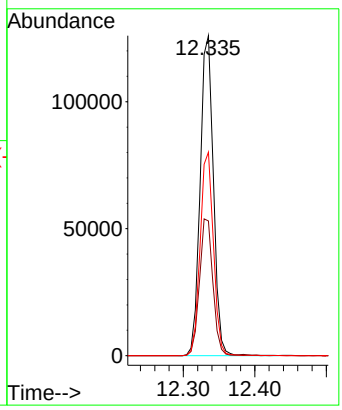


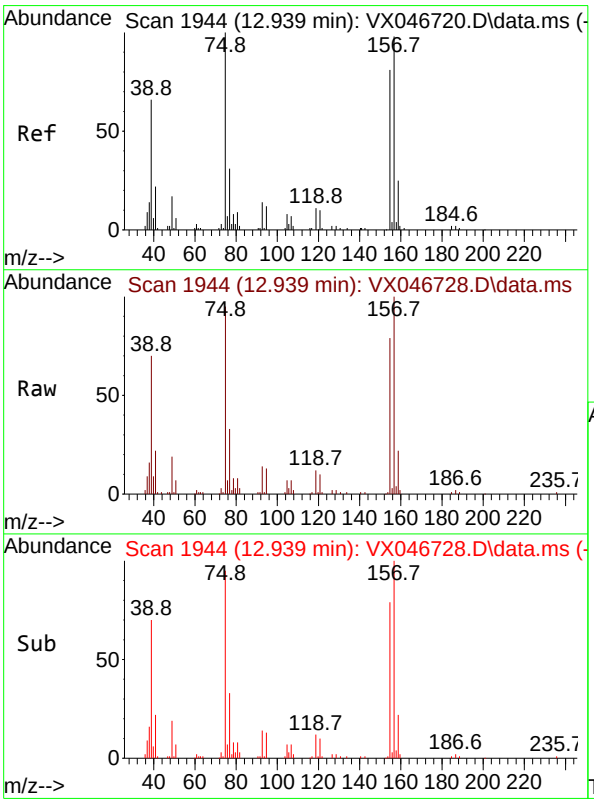
#91
1,2-Dichlorobenzene
Concen: 47.808 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 162062

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.7	65.1
148	63.8	32.0	96.2

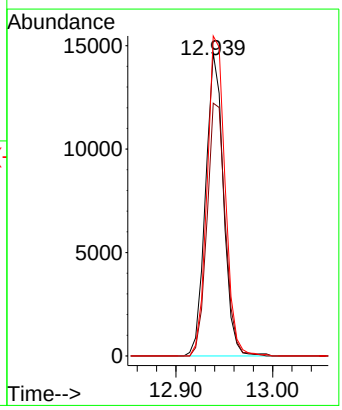


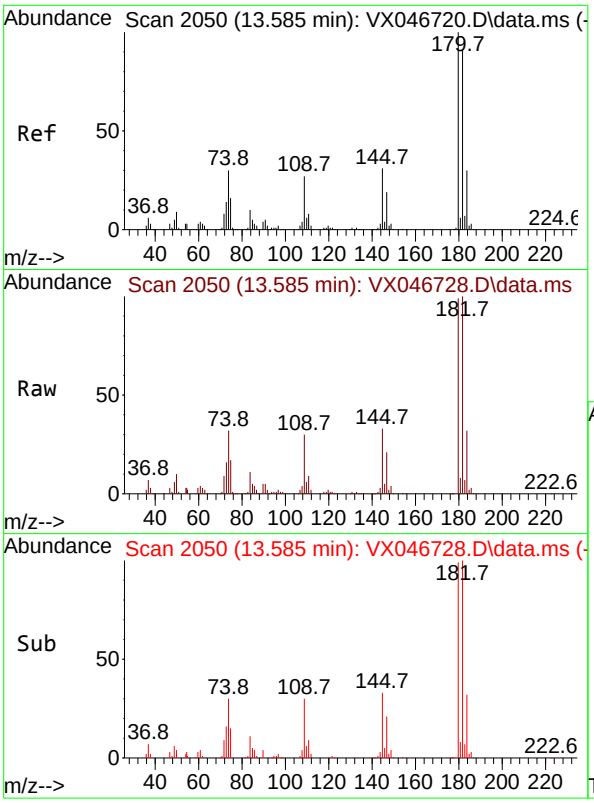


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.240 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion: 75 Resp: 18854

Ion	Ratio	Lower	Upper
75	100		
155	85.2	41.9	125.7
157	106.7	51.4	154.3



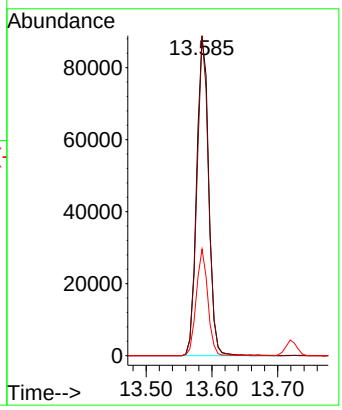


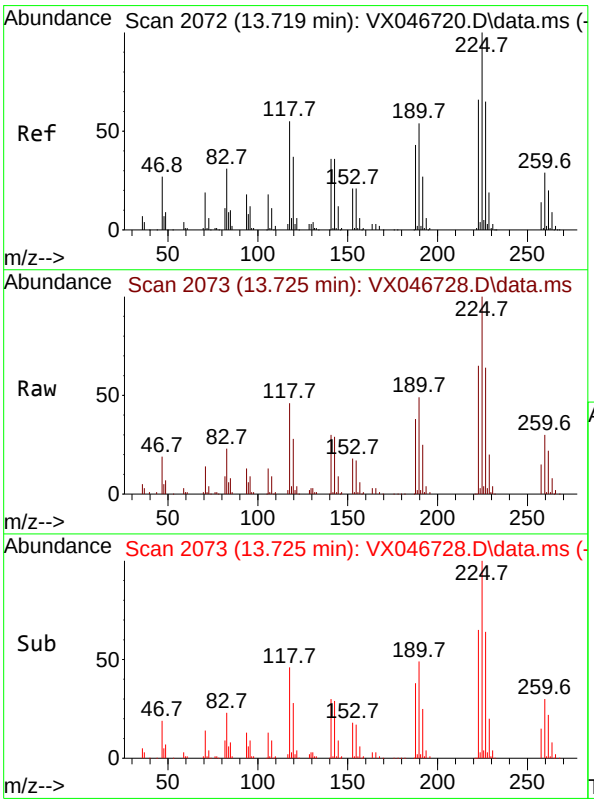
#93
1,2,4-Trichlorobenzene
Concen: 46.839 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 112879

Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.7	140.1
145	31.8	15.8	47.4

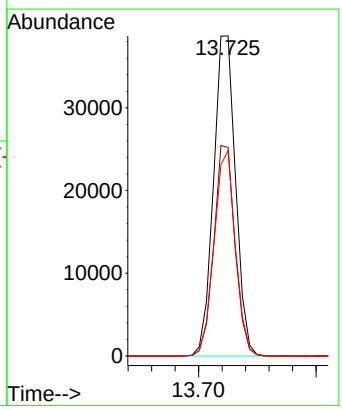


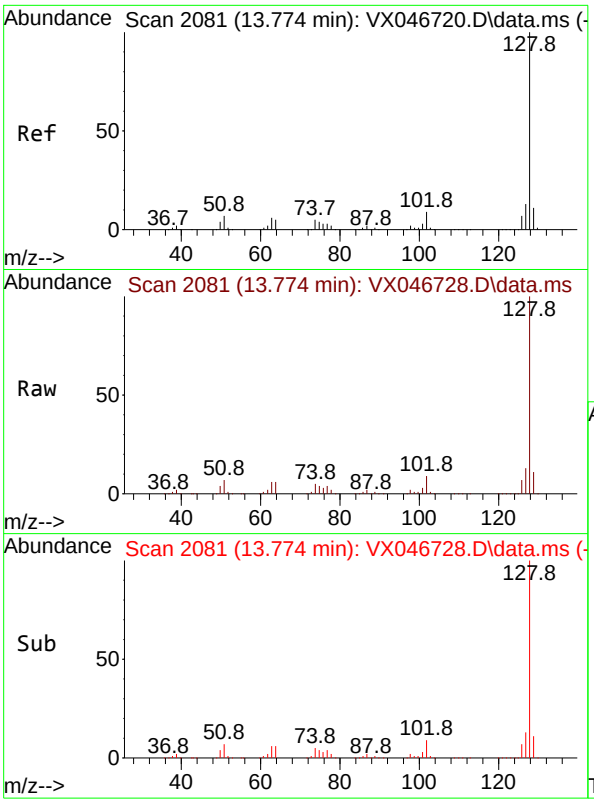


#94
Hexachlorobutadiene
Concen: 49.658 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:225 Resp: 50342

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.5	97.5
227	62.0	32.2	96.6



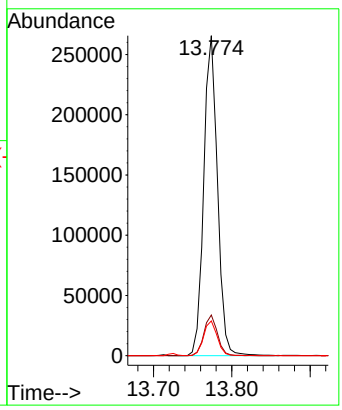


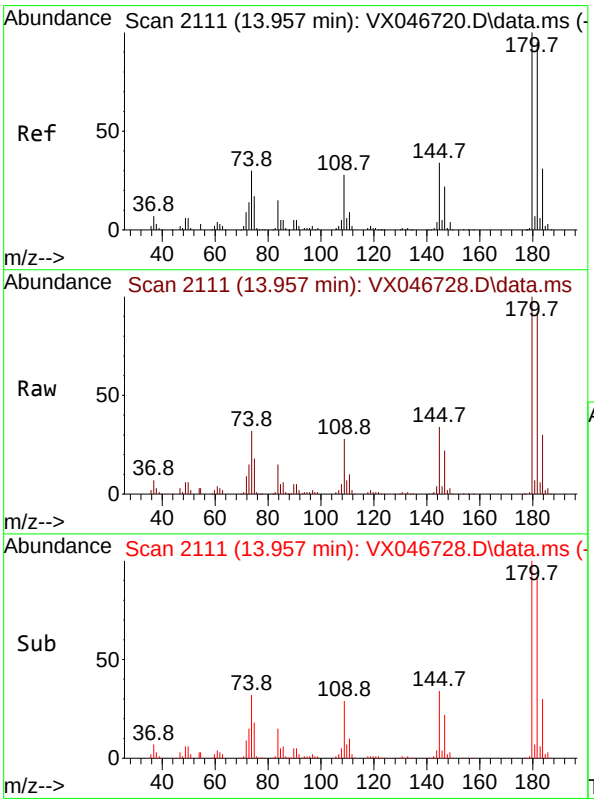
#95
Naphthalene
Concen: 46.852 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 321689

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.7	13.1

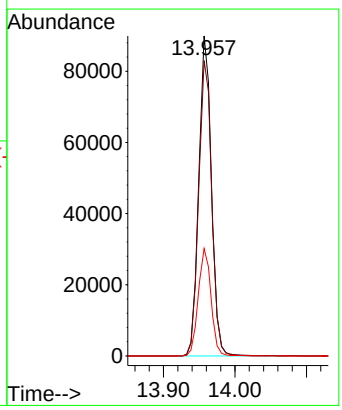




#96
1,2,3-Trichlorobenzene
Concen: 47.981 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046728.D
Acq: 18 Jun 2025 09:33

Tgt Ion:180 Resp: 110625

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.4
145	33.7	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046731.D
Acq On : 18 Jun 2025 11:07
Operator : JC/MD
Sample : VX0618WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Quant Time: Jun 19 01:20:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	156160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107357	49.703	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.400%			
35) Dibromofluoromethane	5.397	113	86297	50.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	8.653	98	315181	51.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	11.079	95	123307	53.877	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	32855	19.707	ug/l	97
3) Chloromethane	1.307	50	34478	19.159	ug/l	100
4) Vinyl Chloride	1.386	62	36804	19.179	ug/l	96
5) Bromomethane	1.624	94	23617	21.875	ug/l	95
6) Chloroethane	1.703	64	22373	19.236	ug/l	99
7) Trichlorofluoromethane	1.904	101	55899	19.184	ug/l	98
8) Diethyl Ether	2.142	74	18908	18.908	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	34125	19.090	ug/l	98
10) Methyl Iodide	2.465	142	34275	18.324	ug/l	97
11) Tert butyl alcohol	2.953	59	15315	78.997	ug/l	98
12) 1,1-Dichloroethene	2.337	96	32329	18.743	ug/l	94
13) Acrolein	2.245	56	23404	82.880	ug/l	98
14) Allyl chloride	2.678	41	56826	18.183	ug/l	99
15) Acrylonitrile	3.075	53	77636	89.058	ug/l	98
16) Acetone	2.386	43	64756	89.902	ug/l	97
17) Carbon Disulfide	2.526	76	90862	17.444	ug/l	98
18) Methyl Acetate	2.715	43	32677	17.862	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	96927	18.047	ug/l	99
20) Methylene Chloride	2.800	84	36406	18.175	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	34031	18.439	ug/l	99
22) Diisopropyl ether	3.770	45	115948	19.302	ug/l	99
23) Vinyl Acetate	3.733	43	442736	92.685	ug/l	99
24) 1,1-Dichloroethane	3.623	63	63885	18.731	ug/l	100
25) 2-Butanone	4.562	43	91591	89.908	ug/l	96
26) 2,2-Dichloropropane	4.489	77	47652	19.157	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	40662	18.753	ug/l	99
28) Bromochloromethane	4.910	49	33976	21.974	ug/l	98
29) Tetrahydrofuran	5.013	42	59051	89.743	ug/l	99
30) Chloroform	5.105	83	64462	18.899	ug/l	98
31) Cyclohexane	5.477	56	60903	18.830	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	56117	18.760	ug/l	99
36) 1,1-Dichloropropene	5.702	75	45886	18.601	ug/l	99
37) Ethyl Acetate	4.727	43	36646	16.094	ug/l #	95
38) Carbon Tetrachloride	5.684	117	49192	18.375	ug/l	98
39) Methylcyclohexane	7.385	83	60470	18.628	ug/l	98
40) Benzene	6.050	78	137579	18.845	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046731.D
Acq On : 18 Jun 2025 11:07
Operator : JC/MD
Sample : VX0618WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Quant Time: Jun 19 01:20:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	22309	18.378	ug/l		99
42) 1,2-Dichloroethane	6.092	62	48245	18.805	ug/l		99
43) Isopropyl Acetate	6.348	43	64595	18.129	ug/l		99
44) Trichloroethene	7.135	130	34115	18.336	ug/l		99
45) 1,2-Dichloropropane	7.434	63	33537	18.535	ug/l		98
46) Dibromomethane	7.586	93	24500	18.841	ug/l		99
47) Bromodichloromethane	7.824	83	49606	18.694	ug/l		97
48) Methyl methacrylate	7.696	41	32385	18.122	ug/l		98
49) 1,4-Dioxane	7.665	88	8212	335.186	ug/l		92
51) 4-Methyl-2-Pentanone	8.574	43	194118	91.344	ug/l		99
52) Toluene	8.720	92	86400	19.090	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	44965	18.263	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	51349	18.372	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	31497	18.674	ug/l		96
56) Ethyl methacrylate	9.116	69	46060	18.500	ug/l		99
57) 1,3-Dichloropropane	9.311	76	54758	18.853	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	130389	100.816	ug/l		99
59) 2-Hexanone	9.427	43	135469	92.207	ug/l		100
60) Dibromochloromethane	9.519	129	37303	18.767	ug/l		100
61) 1,2-Dibromoethane	9.610	107	32821	19.131	ug/l		98
64) Tetrachloroethene	9.275	164	29423	18.146	ug/l		97
65) Chlorobenzene	10.079	112	94744	18.339	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	32350	18.632	ug/l		100
67) Ethyl Benzene	10.195	91	165227	18.304	ug/l		99
68) m/p-Xylenes	10.299	106	125249	37.239	ug/l		98
69) o-Xylene	10.640	106	60319	19.136	ug/l		97
70) Styrene	10.652	104	103726	18.804	ug/l		100
71) Bromoform	10.799	173	23678	17.907	ug/l	#	100
73) Isopropylbenzene	10.963	105	161068	17.941	ug/l		99
74) N-amyl acetate	10.841	43	58929	17.325	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	44152	17.613	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	44018	19.716	ug/l		97
77) Bromobenzene	11.195	156	38841	17.979	ug/l		99
78) n-propylbenzene	11.305	91	192217	18.026	ug/l		100
79) 2-Chlorotoluene	11.360	91	113441	17.818	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	133755	18.130	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	12597	15.949	ug/l		99
82) 4-Chlorotoluene	11.451	91	131603	17.712	ug/l		98
83) tert-Butylbenzene	11.713	119	135643	17.787	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	134740	18.178	ug/l		100
85) sec-Butylbenzene	11.890	105	173686	18.021	ug/l		100
86) p-Isopropyltoluene	12.006	119	146235	17.983	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	72321	17.169	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	73790	17.054	ug/l		99
89) n-Butylbenzene	12.329	91	137335	17.787	ug/l		100
90) Hexachloroethane	12.536	117	24540	17.233	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	70063	17.798	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8079	16.324	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	48663	17.388	ug/l		98
94) Hexachlorobutadiene	13.719	225	21242	18.044	ug/l		98
95) Naphthalene	13.774	128	136183	17.080	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	46661	17.428	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046731.D
Acq On : 18 Jun 2025 11:07
Operator : JC/MD
Sample : VX0618WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Quant Time: Jun 19 01:20:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

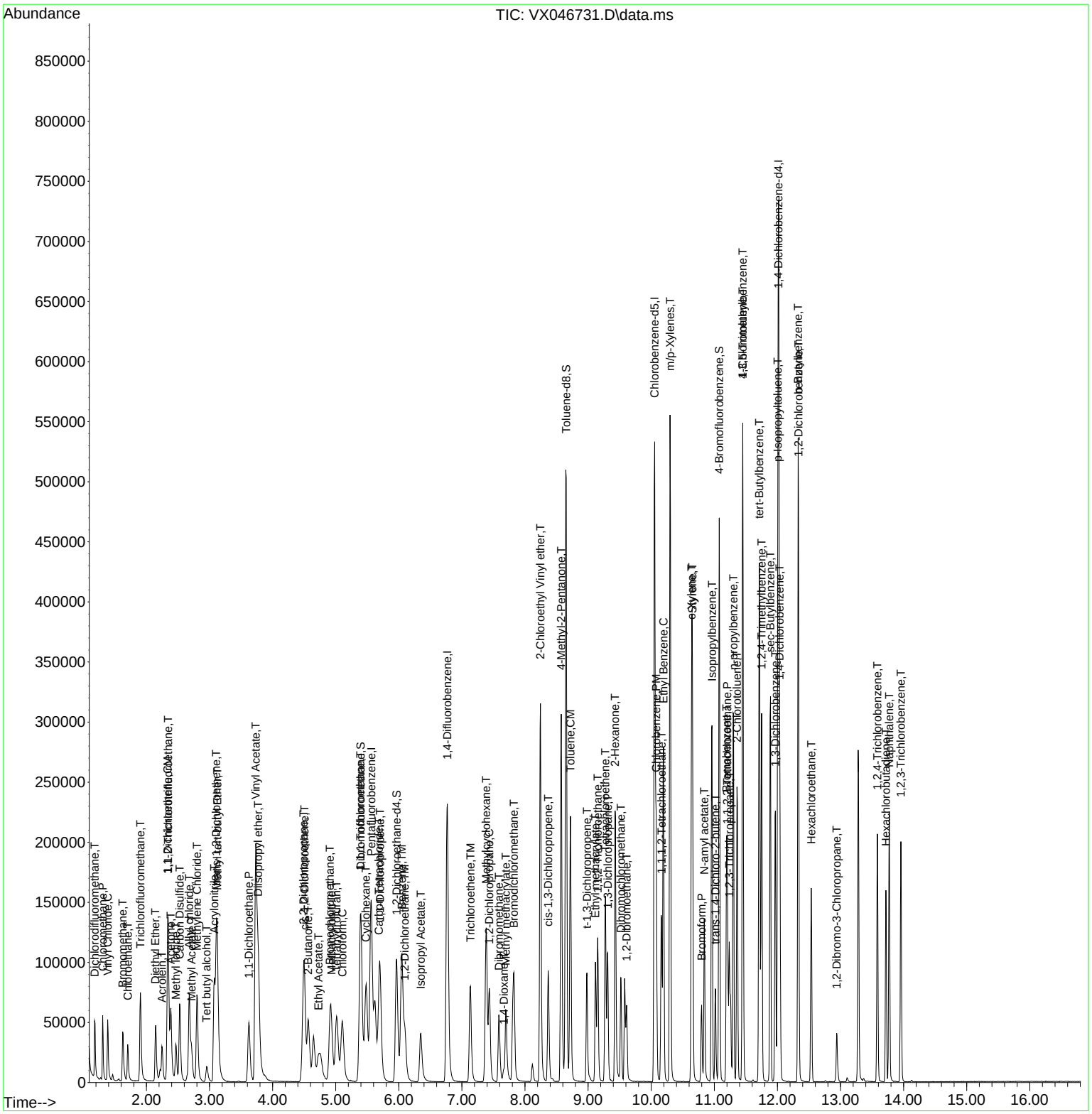
(#) = qualifier out of range (m) = manual integration (+) = signals summed

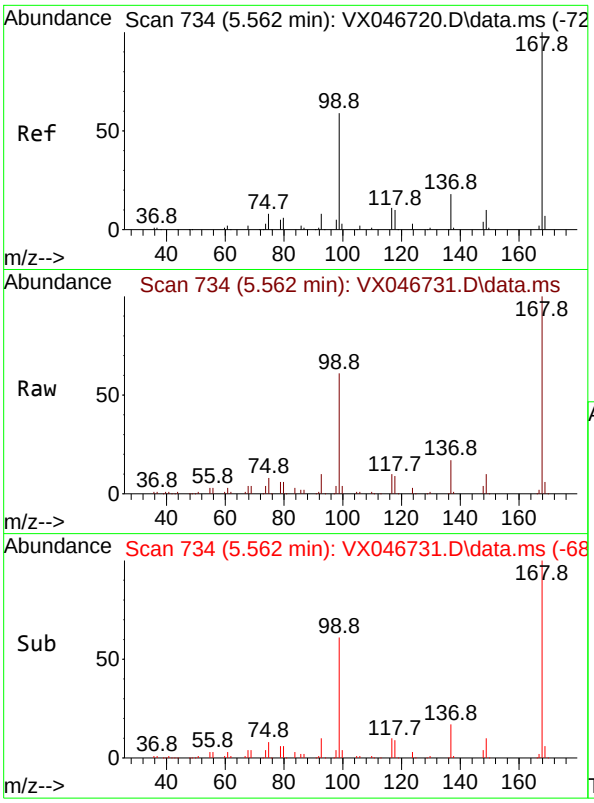
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046731.D
Acq On : 18 Jun 2025 11:07
Operator : JC/MD
Sample : VX0618WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Quant Time: Jun 19 01:20:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



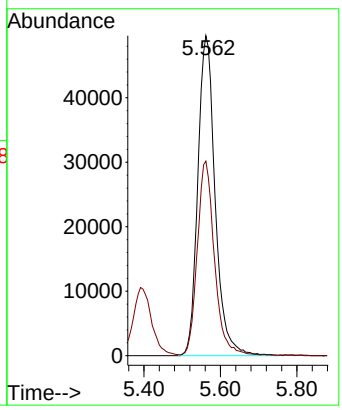


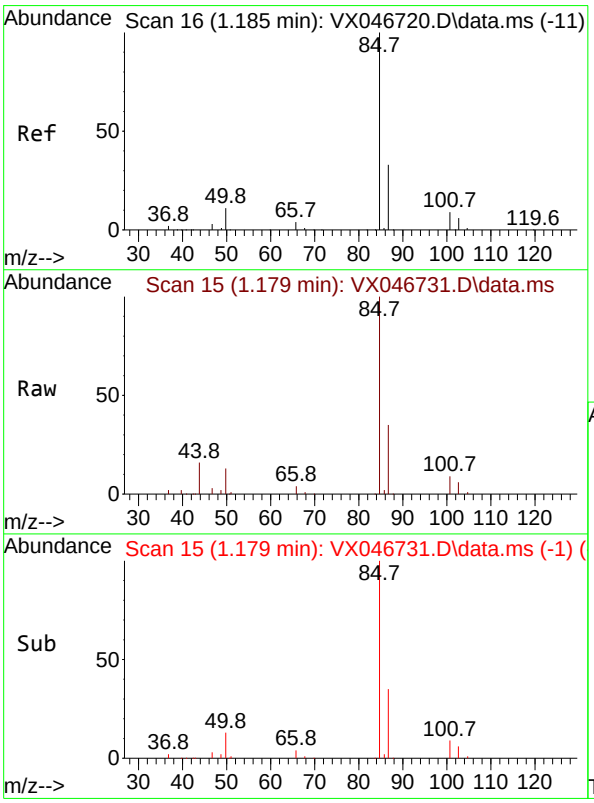
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:168 Resp: 156160

Ion	Ratio	Lower	Upper
168	100		
99	60.6	48.5	72.7

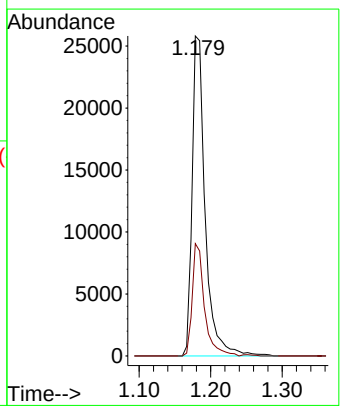


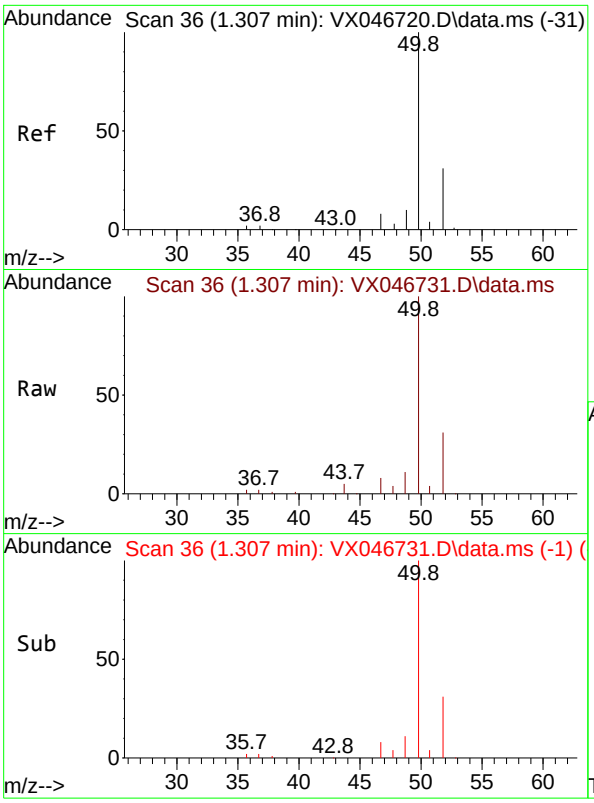


#2
Dichlorodifluoromethane
Concen: 19.707 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 85 Resp: 32855

Ion	Ratio	Lower	Upper
85	100		
87	35.1	16.6	49.8



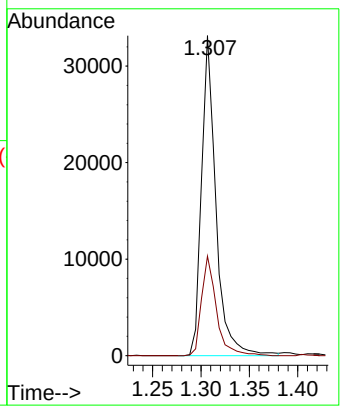


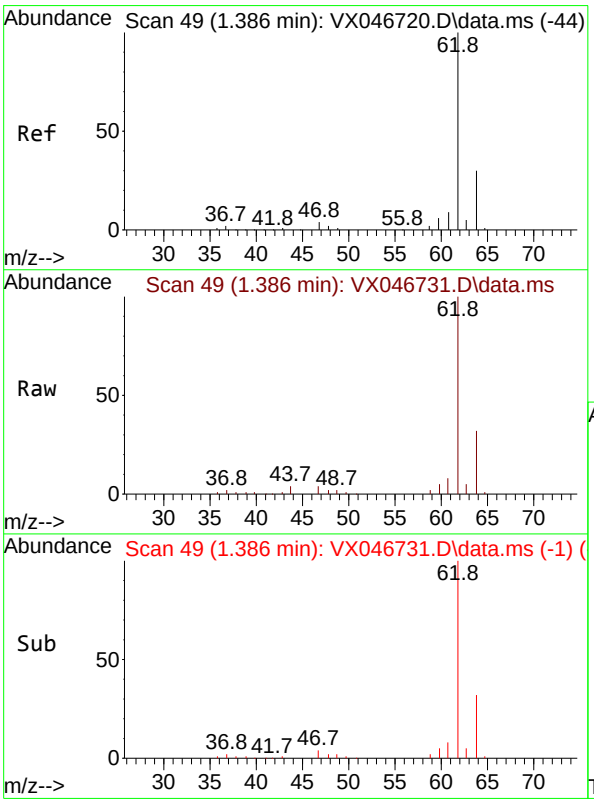
#3
Chloromethane
Concen: 19.159 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 50 Resp: 34478

Ion	Ratio	Lower	Upper
50	100		
52	31.1	24.9	37.3

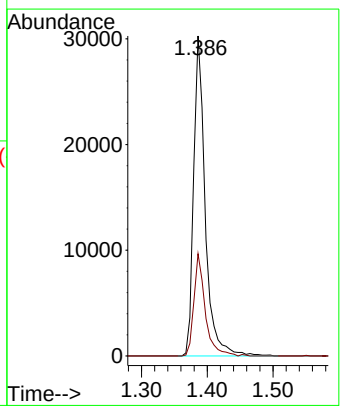


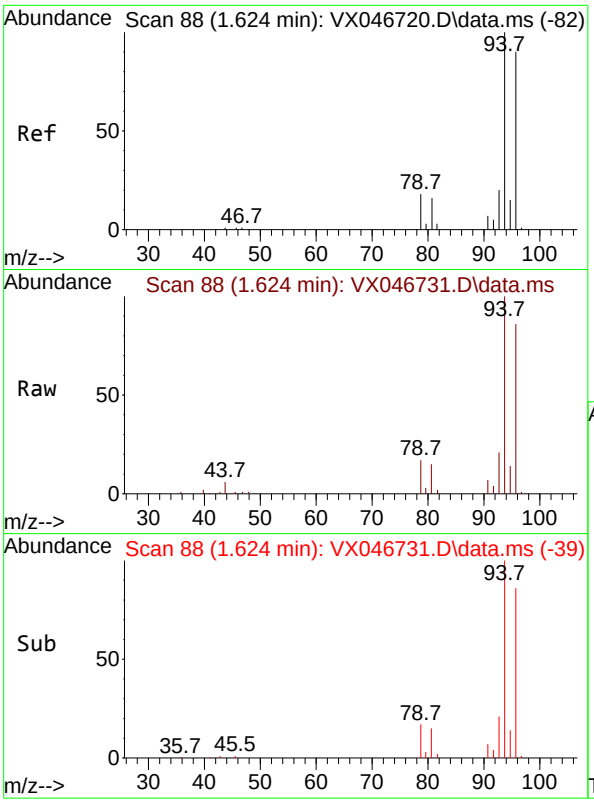


#4
Vinyl Chloride
Concen: 19.179 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 62 Resp: 36804

Ion	Ratio	Lower	Upper
62	100		
64	31.9	23.9	35.9



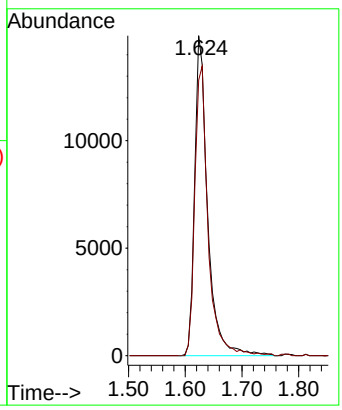


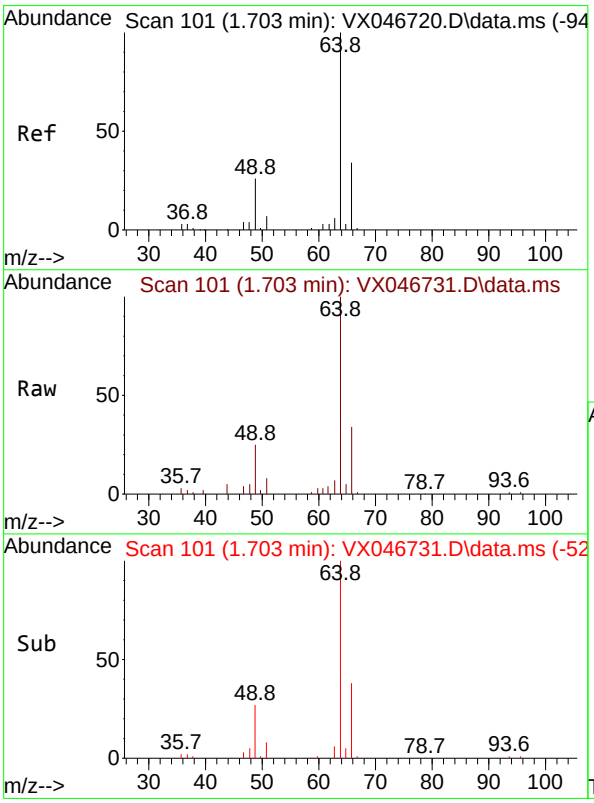
#5
Bromomethane
Concen: 21.875 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 94 Resp: 23617

Ion	Ratio	Lower	Upper
94	100		
96	86.1	72.3	108.5

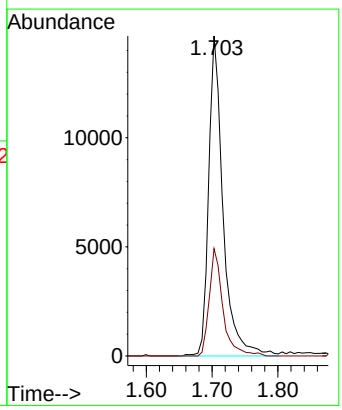


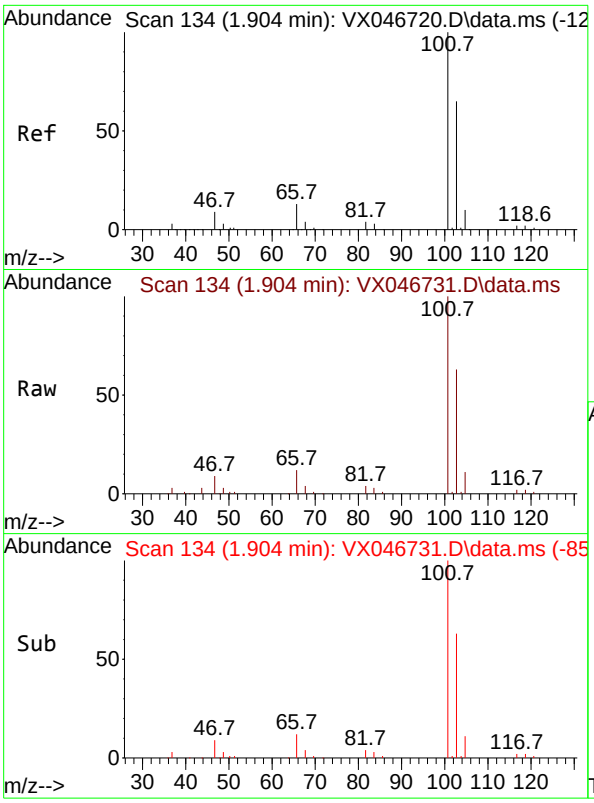


#6
Chloroethane
Concen: 19.236 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 64 Resp: 22373

Ion	Ratio	Lower	Upper
64	100		
66	33.6	27.1	40.7



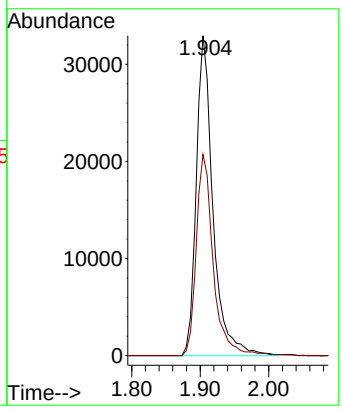


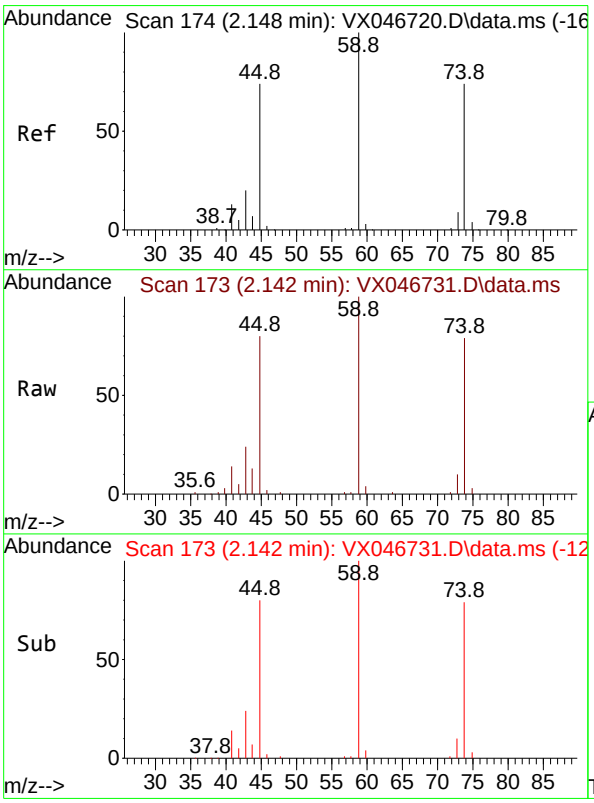
#7
Trichlorofluoromethane
Concen: 19.184 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:101 Resp: 55899

Ion	Ratio	Lower	Upper
101	100		
103	62.9	51.8	77.8

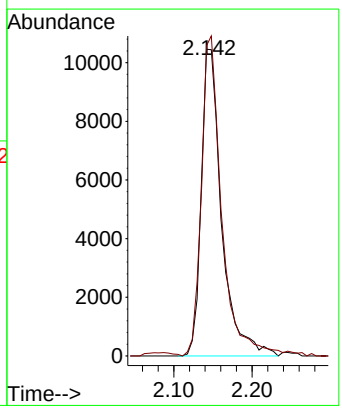


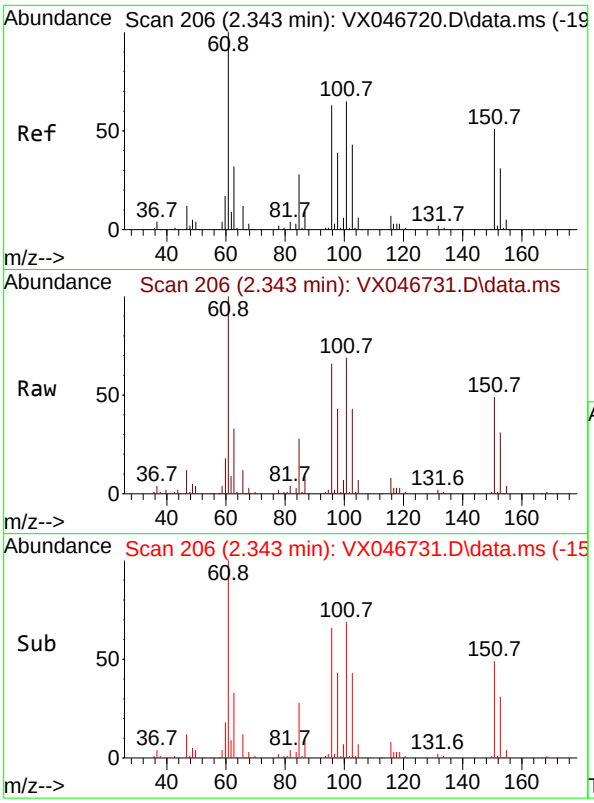


#8
Diethyl Ether
Concen: 18.908 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 74 Resp: 18908

Ion	Ratio	Lower	Upper
74	100		
45	104.6	52.3	157.1



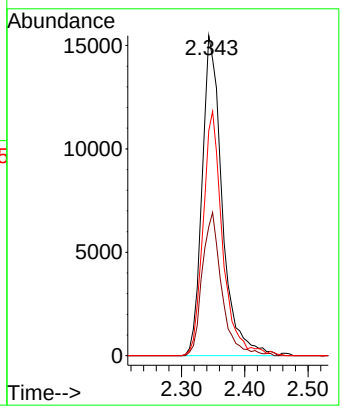


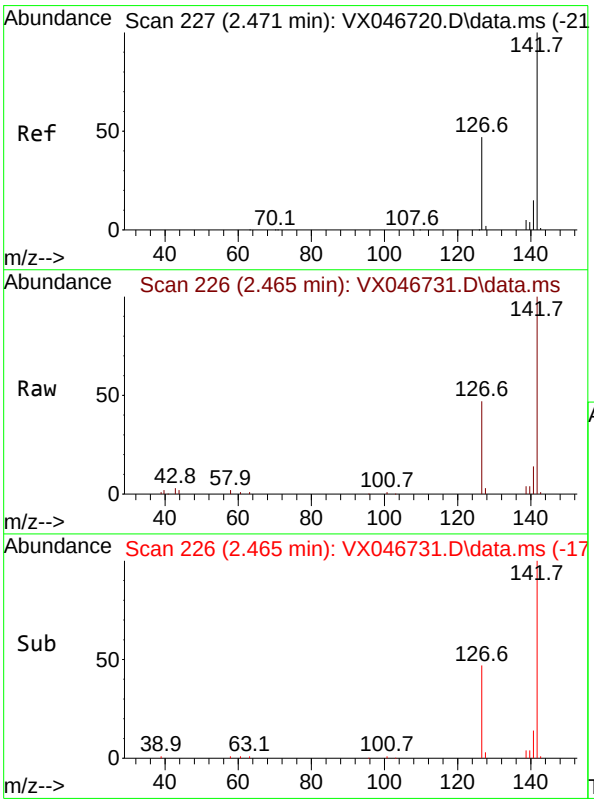
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.090 ug/l
RT: 2.343 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:101 Resp: 34125

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.4	53.0
151	74.7	61.2	91.8

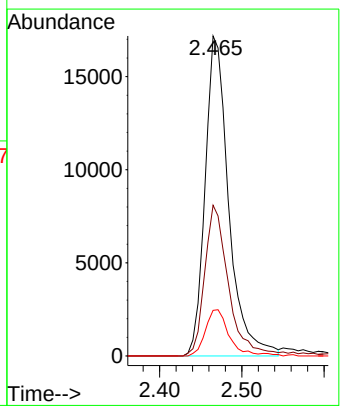


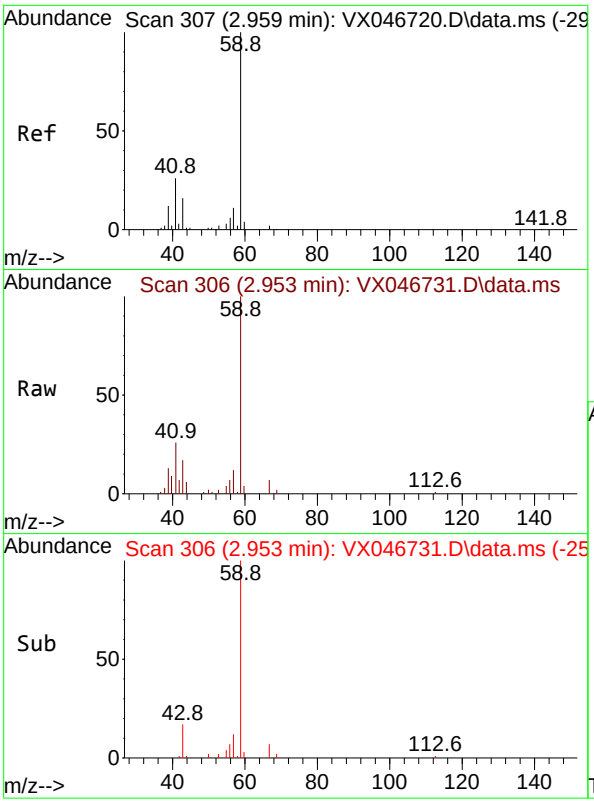


#10
Methyl Iodide
Concen: 18.324 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:142 Resp: 34275

Ion	Ratio	Lower	Upper
142	100		
127	48.5	37.0	55.6
141	14.1	11.5	17.3



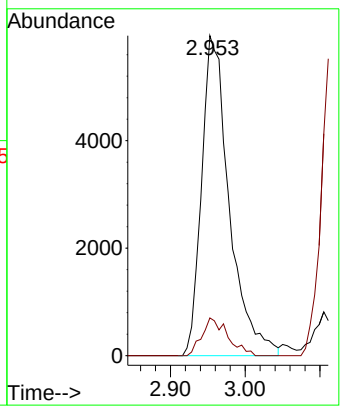


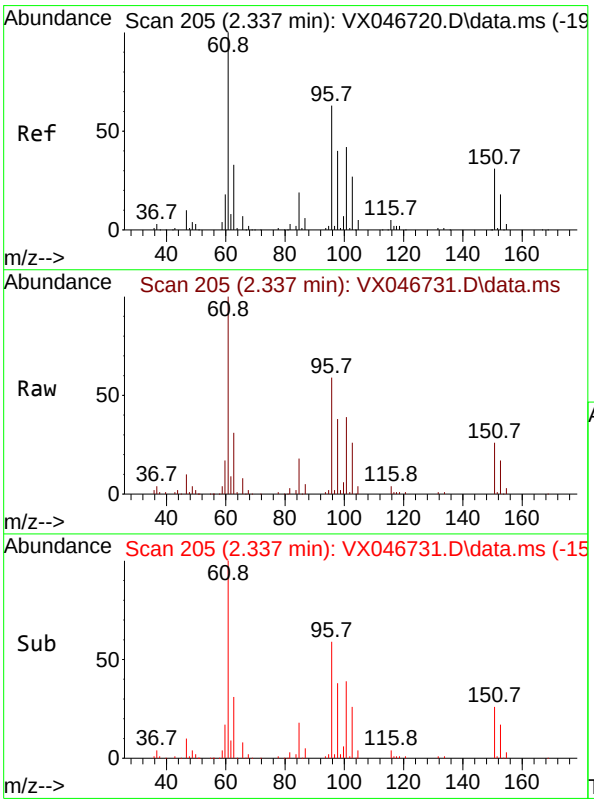
#11
Tert butyl alcohol
Concen: 78.997 ug/l
RT: 2.953 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 59 Resp: 15315

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.3	12.5

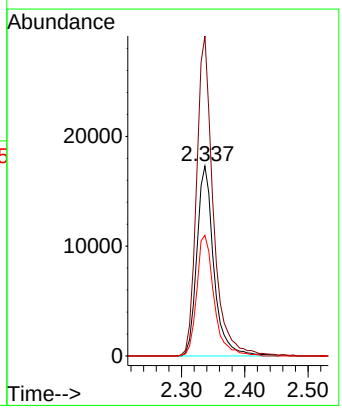


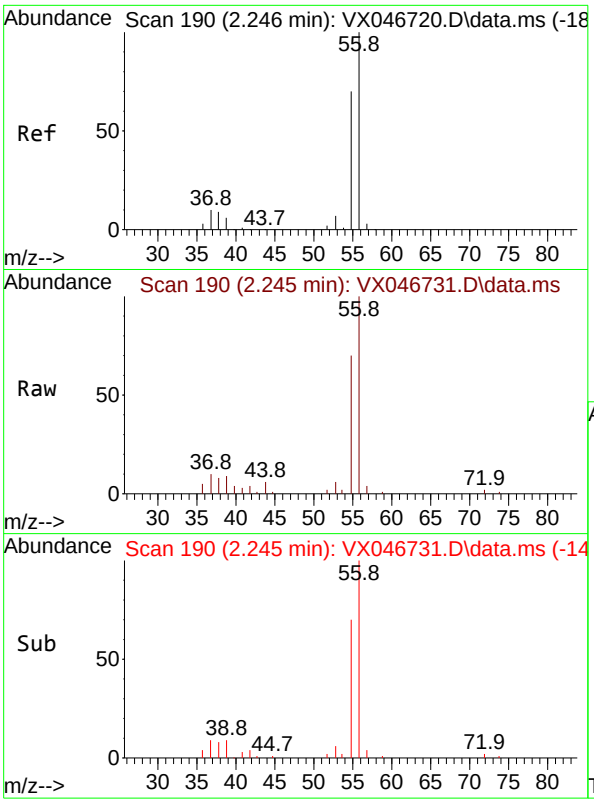


#12
1,1-Dichloroethene
Concen: 18.743 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 96 Resp: 32329

Ion	Ratio	Lower	Upper
96	100		
61	168.4	126.6	189.8
98	63.5	50.7	76.1



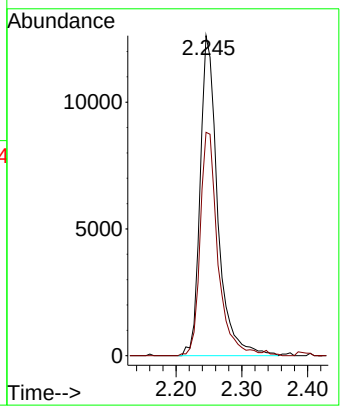


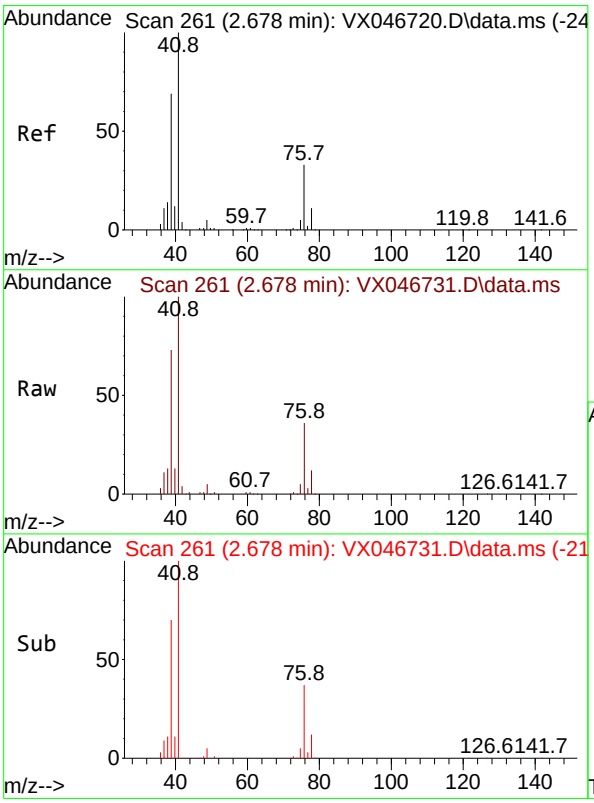
#13
Acrolein
Concen: 82.880 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 56 Resp: 23404

Ion	Ratio	Lower	Upper
56	100		
55	70.6	55.2	82.8

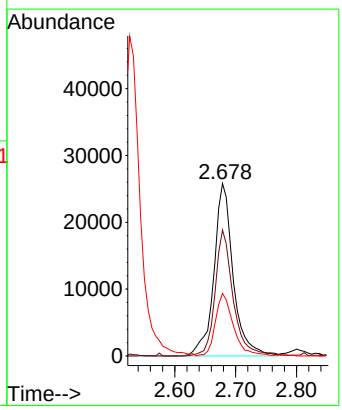


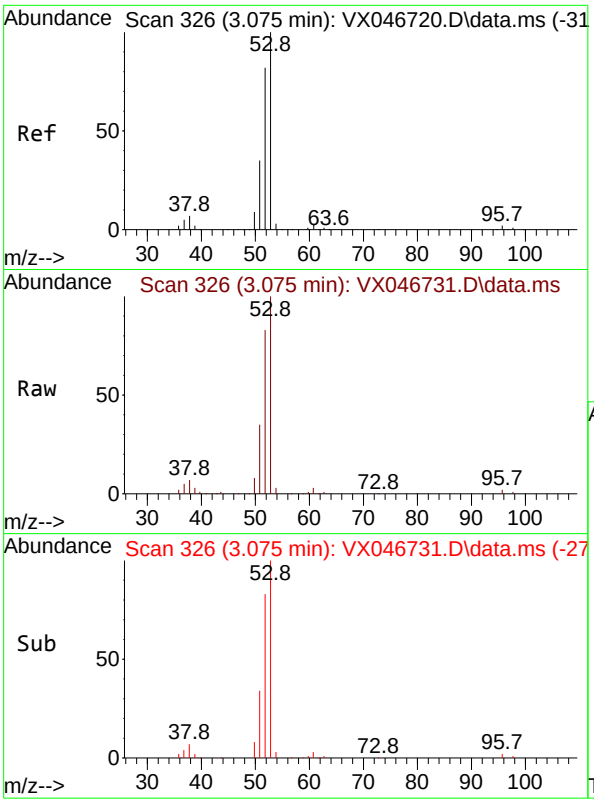


#14
Allyl chloride
Concen: 18.183 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 41 Resp: 56826

Ion	Ratio	Lower	Upper
41	100		
39	68.3	53.6	80.4
76	33.7	26.8	40.2



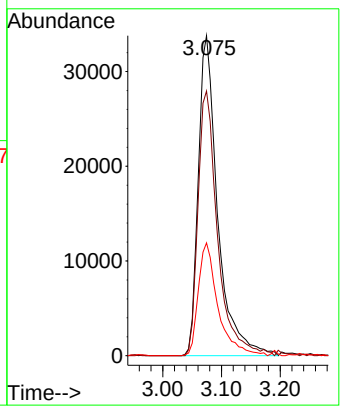


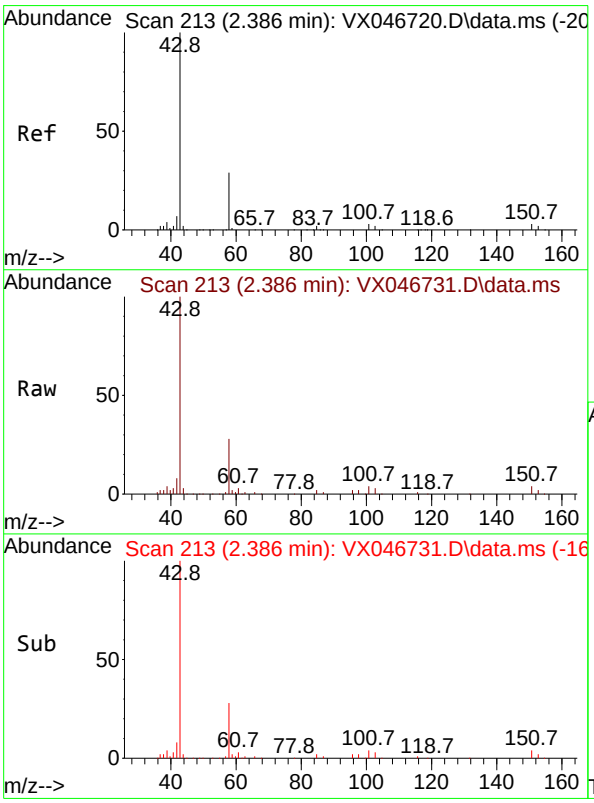
#15
Acrylonitrile
Concen: 89.058 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 53 Resp: 77636

Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.1	97.7
51	35.8	28.9	43.3

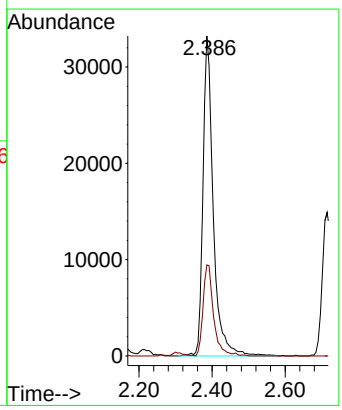


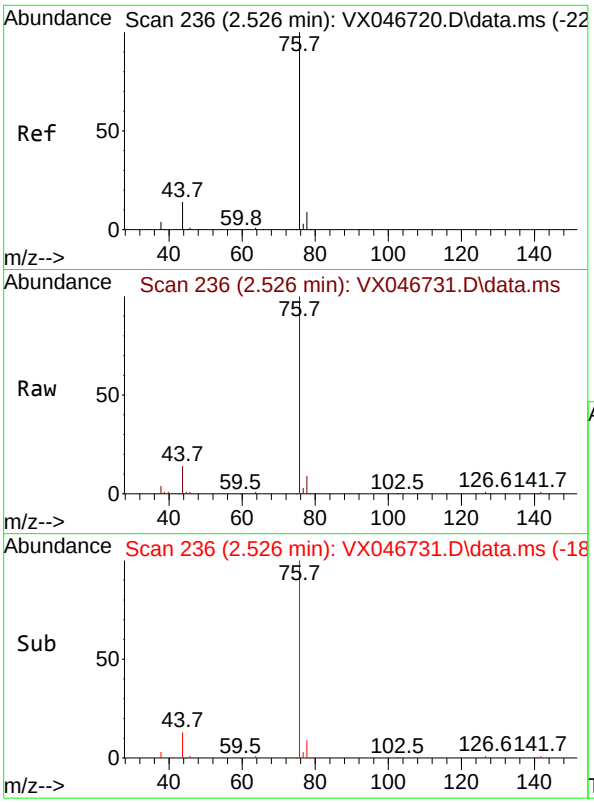


#16
Acetone
Concen: 89.902 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 43 Resp: 64756

Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.5	36.7



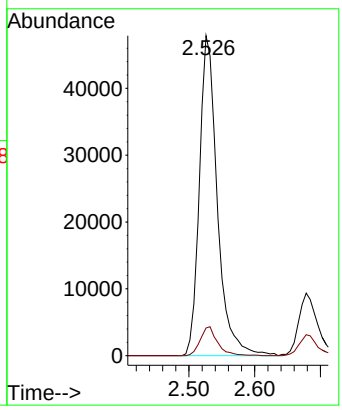


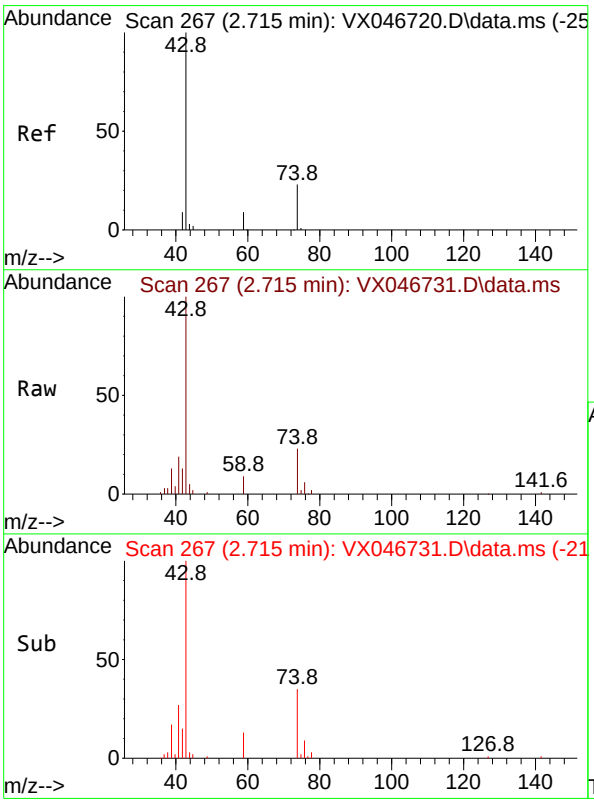
#17
Carbon Disulfide
Concen: 17.444 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 76 Resp: 90862

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.5	11.3

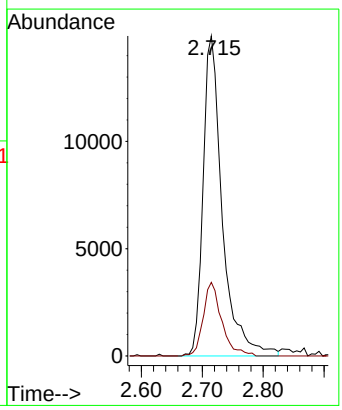


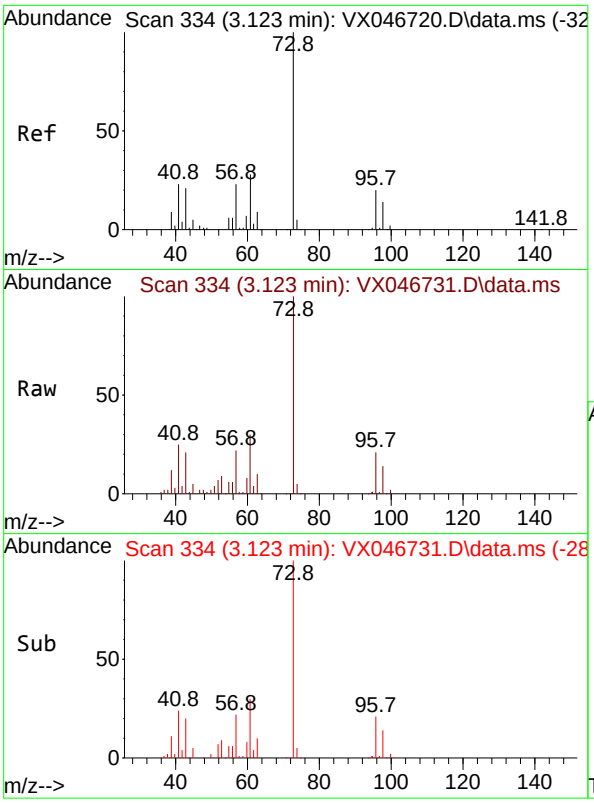


#18
Methyl Acetate
Concen: 17.862 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 43 Resp: 32677

Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.4	27.6



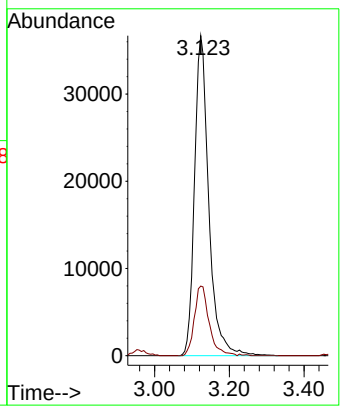


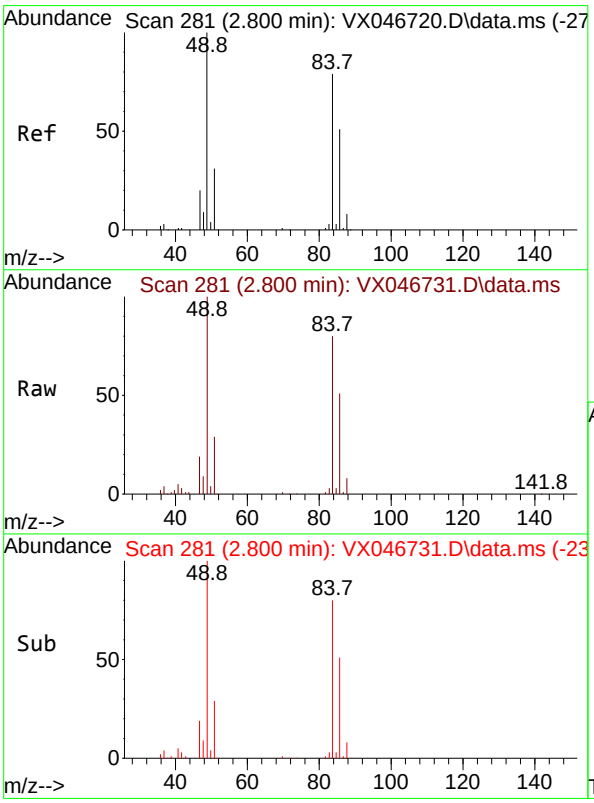
#19
Methyl tert-butyl Ether
Concen: 18.047 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 73 Resp: 96927

Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.2	27.2

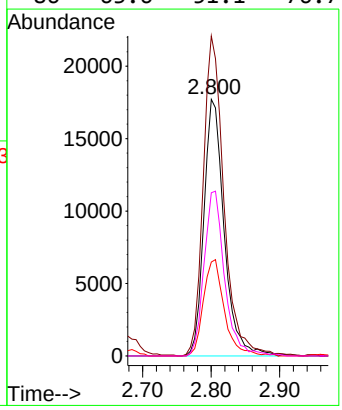


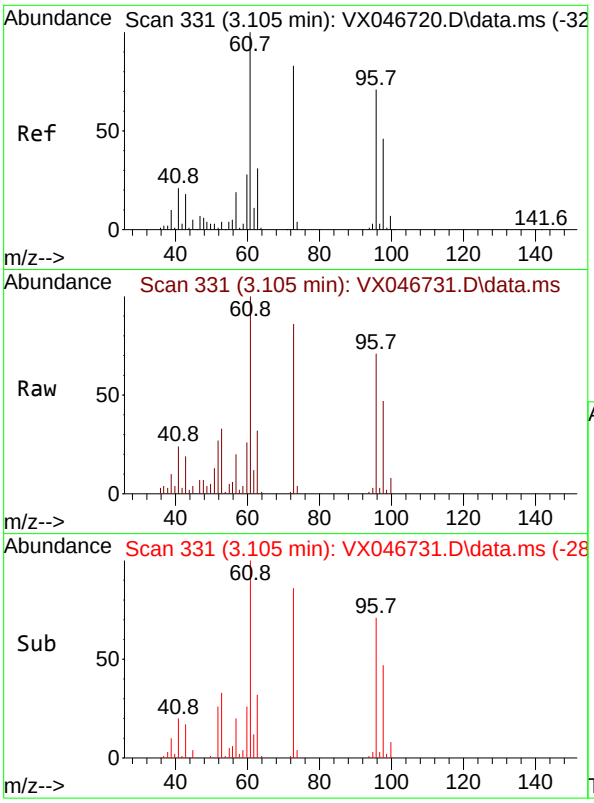


#20
Methylene Chloride
Concen: 18.175 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 84 Resp: 36406

Ion	Ratio	Lower	Upper
84	100		
49	124.7	101.3	151.9
51	36.6	31.0	46.6
86	63.6	51.1	76.7



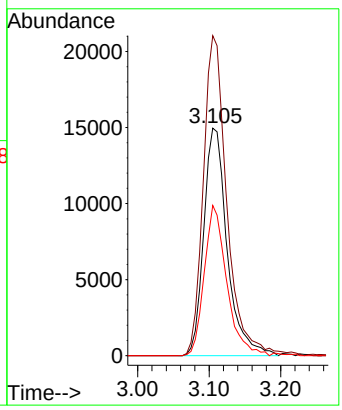


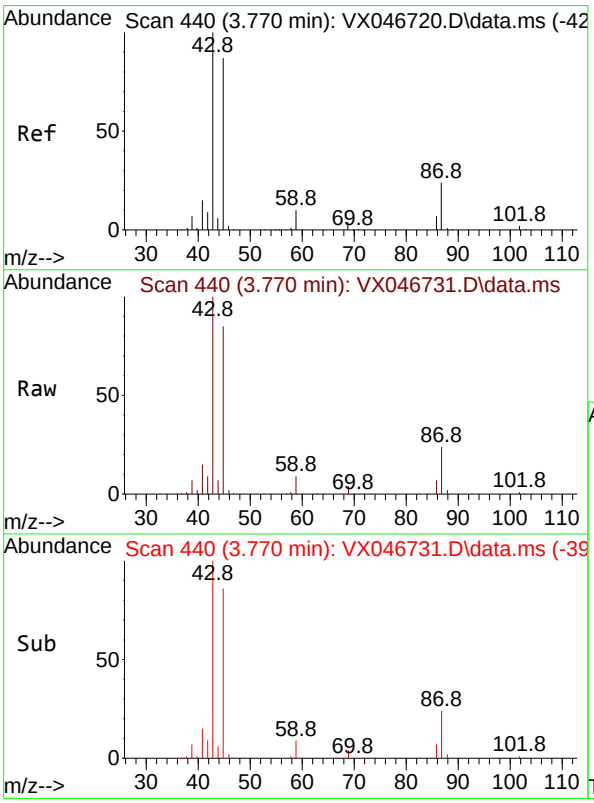
#21
trans-1,2-Dichloroethene
Concen: 18.439 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 96 Resp: 34031

Ion	Ratio	Lower	Upper
96	100		
61	140.7	112.5	168.7
98	68.4	51.9	77.9

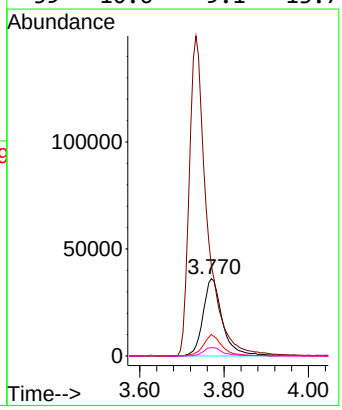


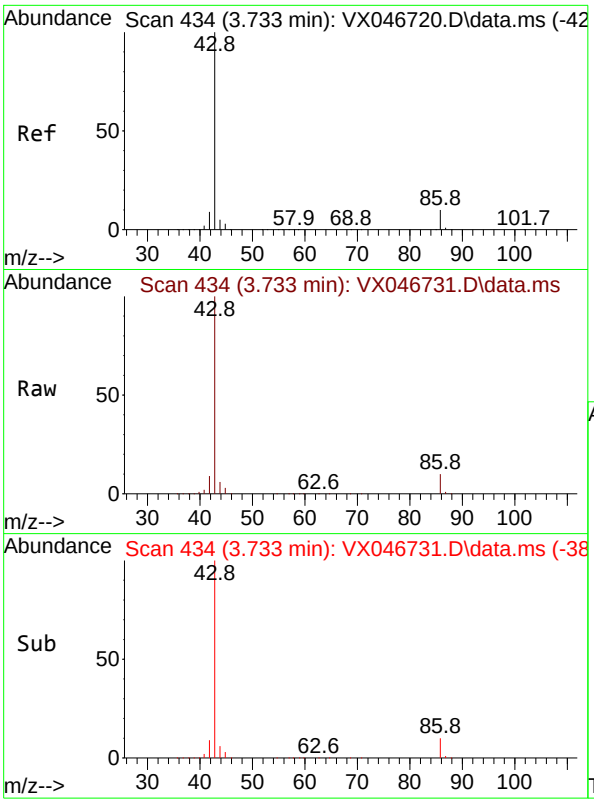


#22
Diisopropyl ether
Concen: 19.302 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 45 Resp: 115948

Ion	Ratio	Lower	Upper
45	100		
43	116.4	91.9	137.9
87	28.0	22.0	33.0
59	10.6	9.1	13.7



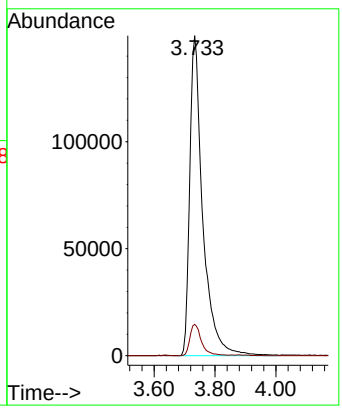


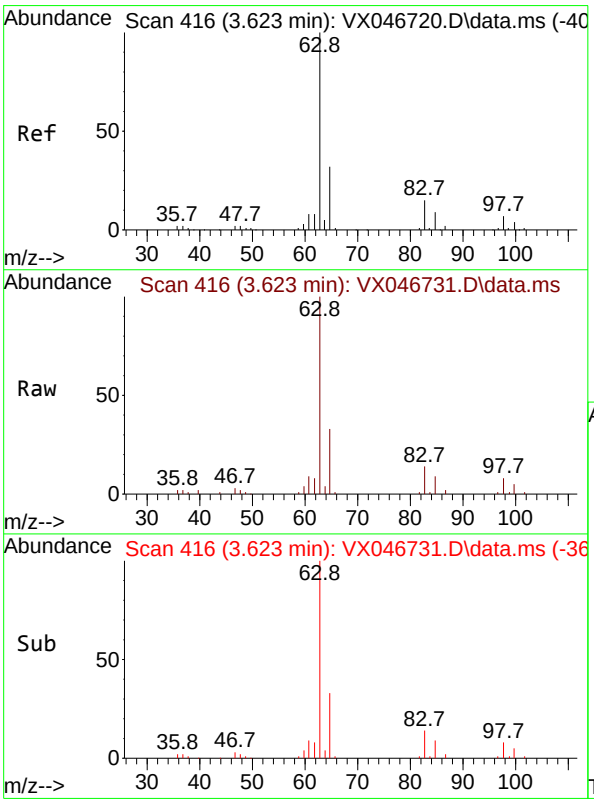
#23
Vinyl Acetate
Concen: 92.685 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 43 Resp: 442736

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.2	12.2

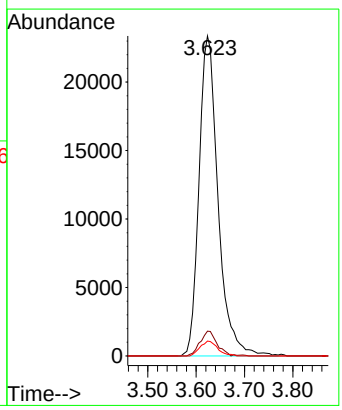


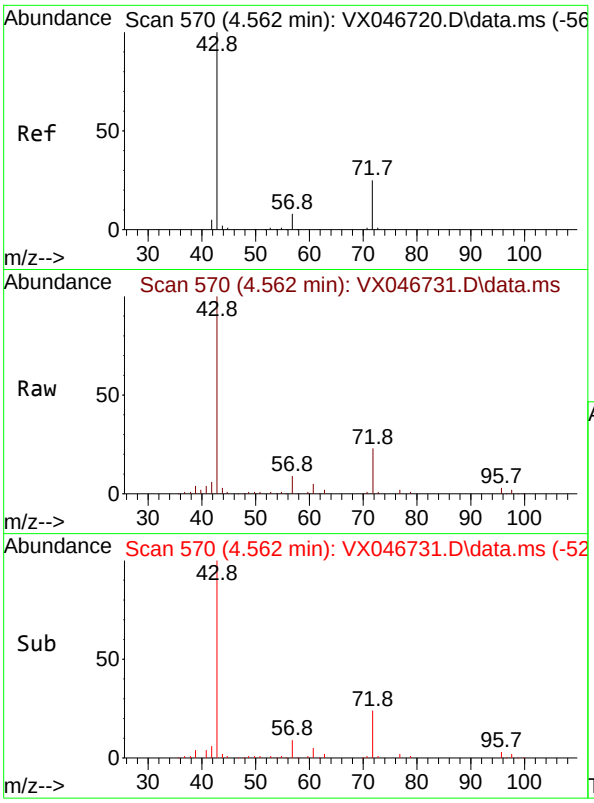


#24
1,1-Dichloroethane
Concen: 18.731 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 63 Resp: 63885

Ion	Ratio	Lower	Upper
63	100		
98	7.8	4.0	11.9
100	4.6	2.2	6.6



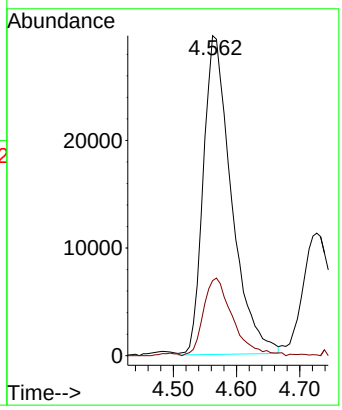


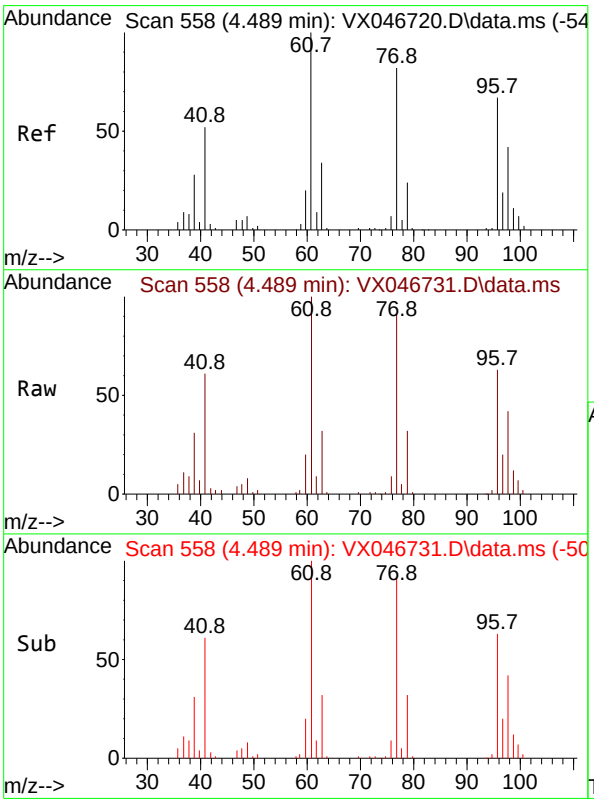
#25
2-Butanone
Concen: 89.908 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 43 Resp: 91591

Ion	Ratio	Lower	Upper
43	100		
72	23.0	20.2	30.4

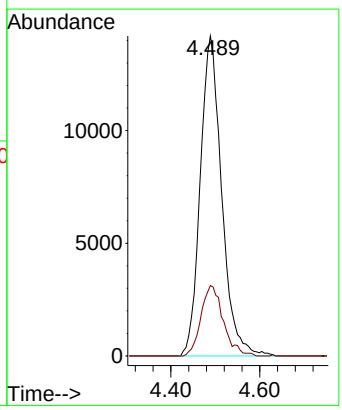


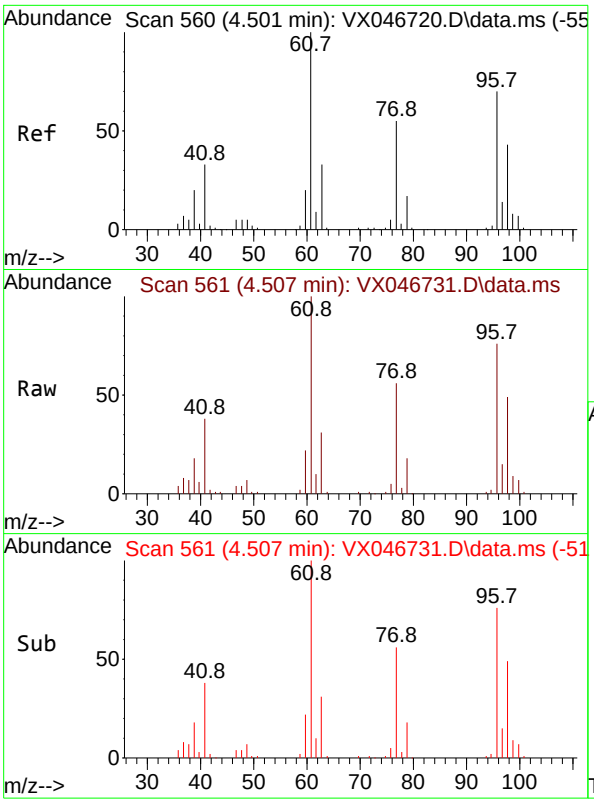


#26
2,2-Dichloropropane
Concen: 19.157 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 77 Resp: 47652

Ion	Ratio	Lower	Upper
77	100		
97	22.9	11.8	35.3



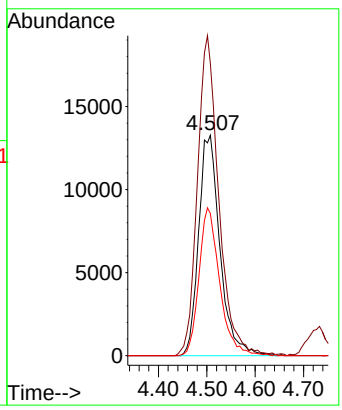


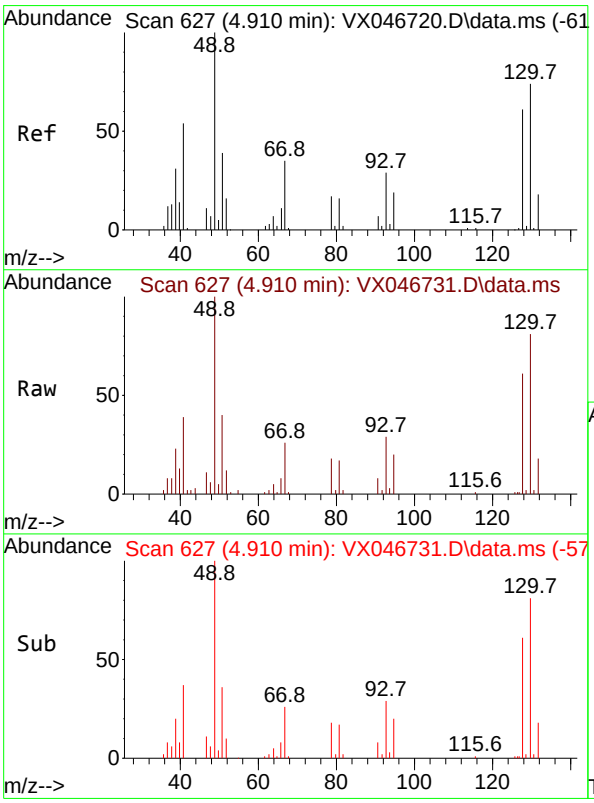
#27
cis-1,2-Dichloroethene
Concen: 18.753 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 96 Resp: 40662

Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	291.0
98	65.1	0.0	126.8

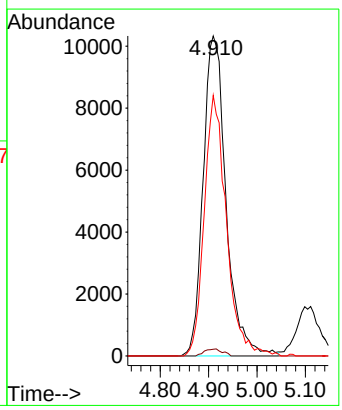


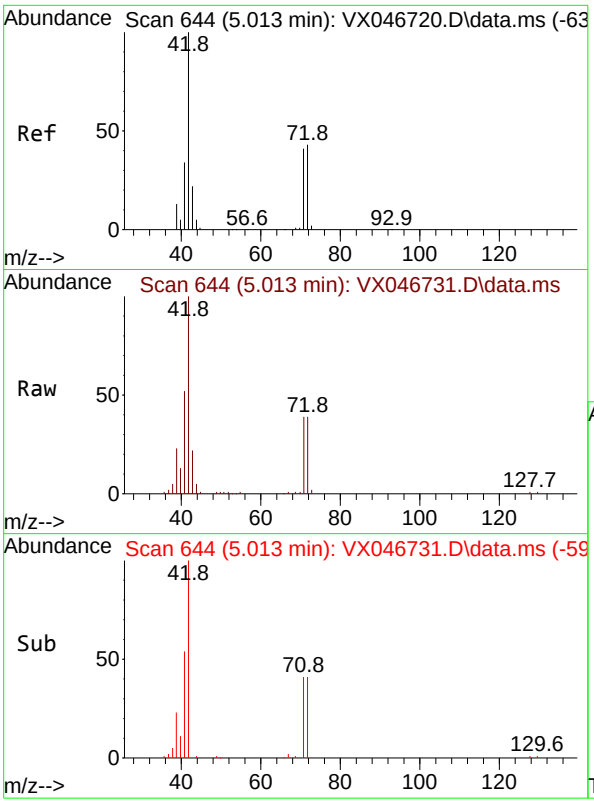


#28
Bromochloromethane
Concen: 21.974 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 49 Resp: 33976

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	78.7	61.4	92.0



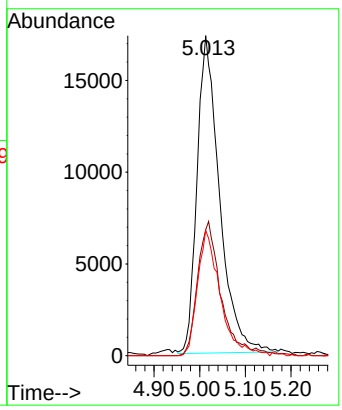


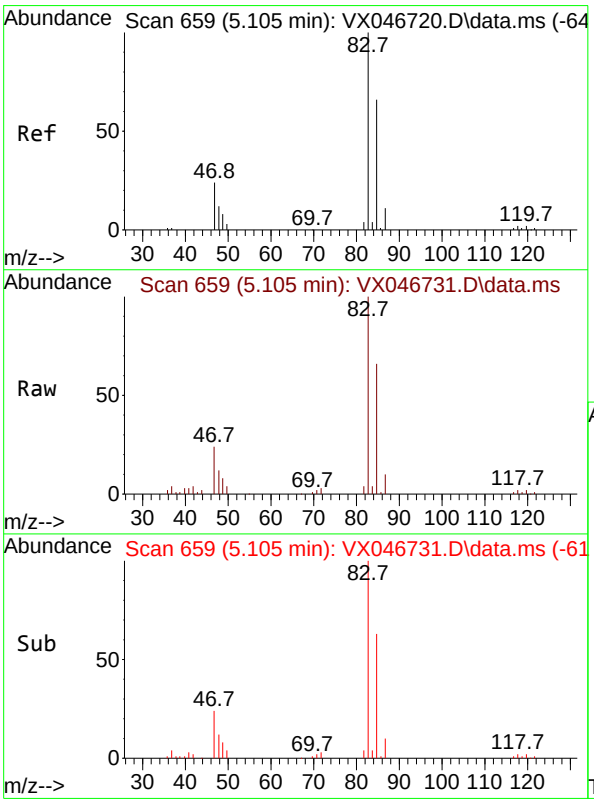
#29
Tetrahydrofuran
Concen: 89.743 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 42 Resp: 59051

Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.9	52.3
71	39.7	32.2	48.2

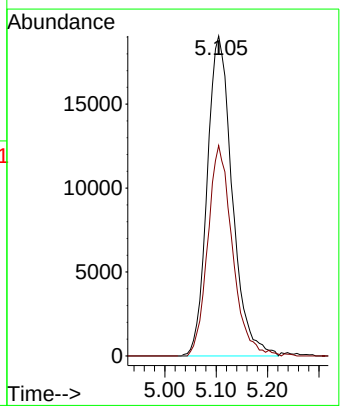


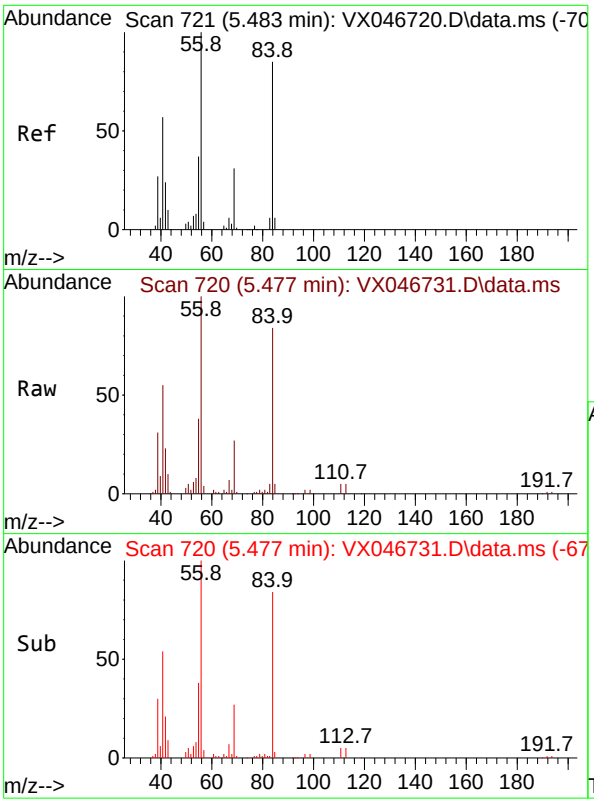


#30
Chloroform
Concen: 18.899 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 83 Resp: 64462

Ion	Ratio	Lower	Upper
83	100		
85	65.8	53.7	80.5



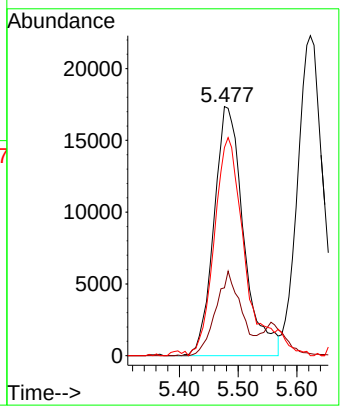


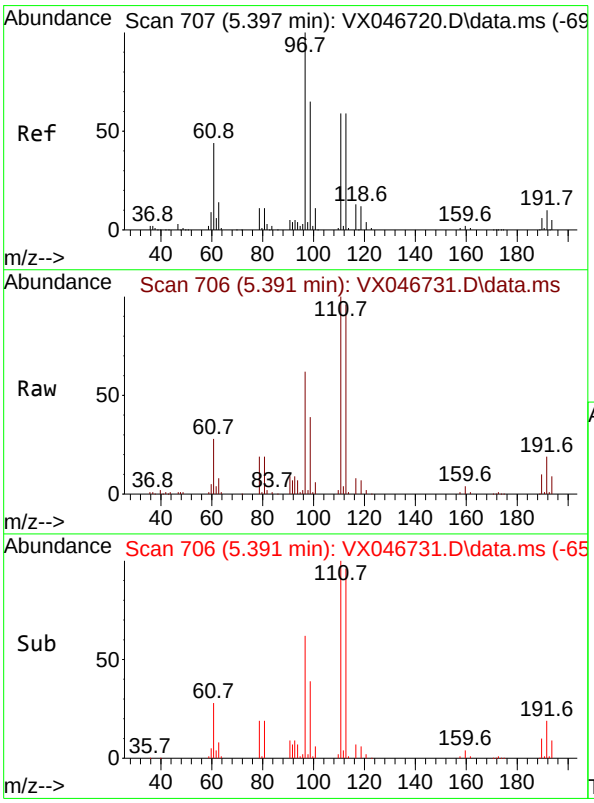
#31
Cyclohexane
Concen: 18.830 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 56 Resp: 60903

Ion	Ratio	Lower	Upper
56	100		
69	26.9	24.8	37.2
84	81.6	68.2	102.2

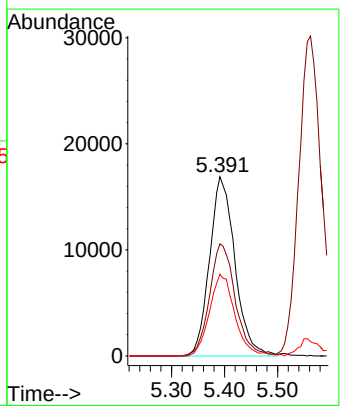


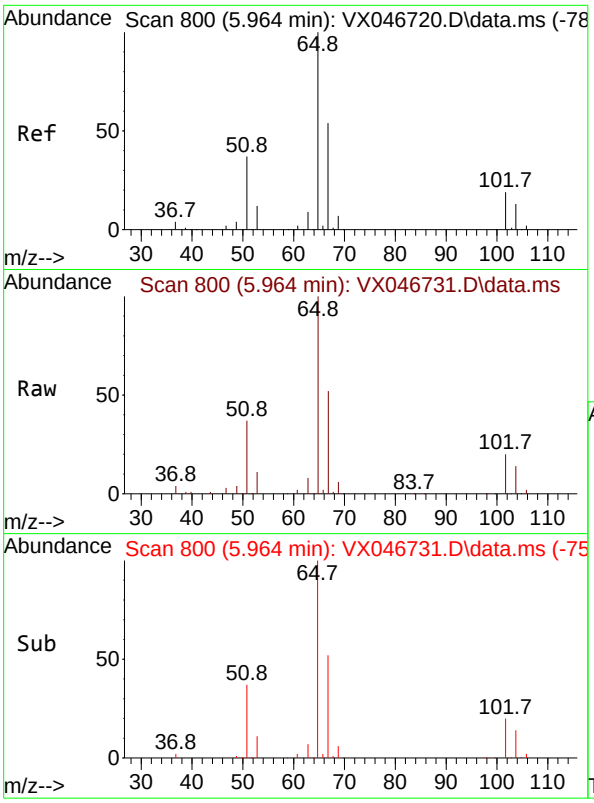


#32
1,1,1-Trichloroethane
Concen: 18.760 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 97 Resp: 56117

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.3	76.9
61	45.7	36.4	54.6



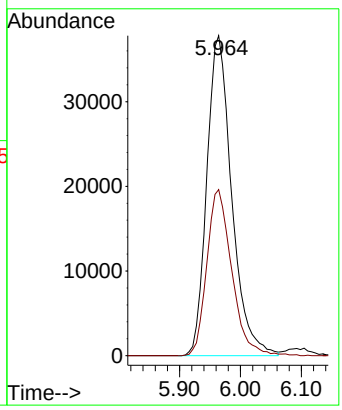


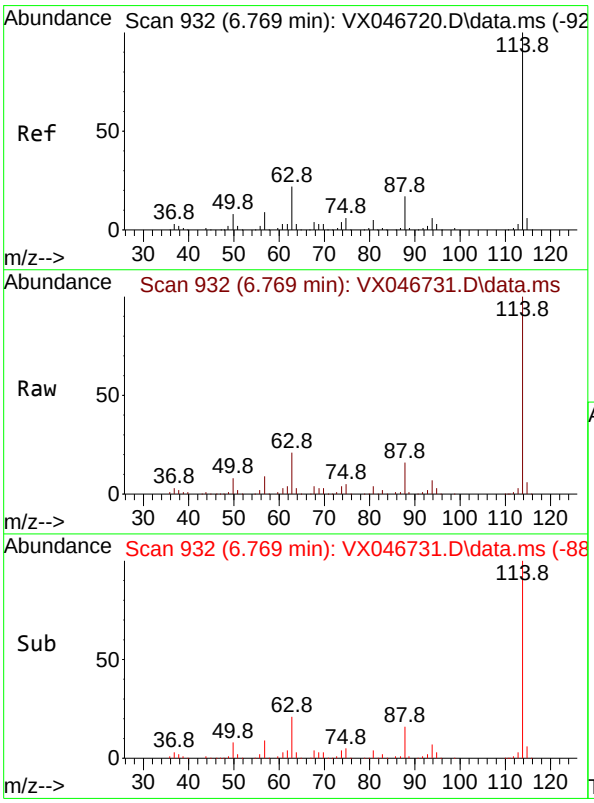
#33
1,2-Dichloroethane-d4
Concen: 49.703 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 65 Resp: 107357

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.4

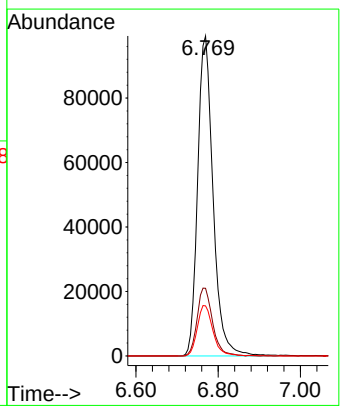


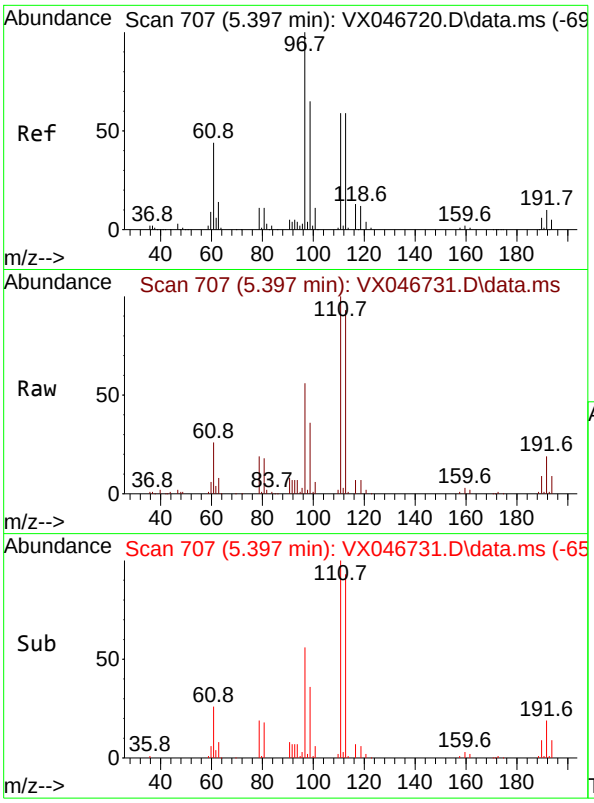


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:114 Resp: 258286

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.2
88	15.6	0.0	33.2



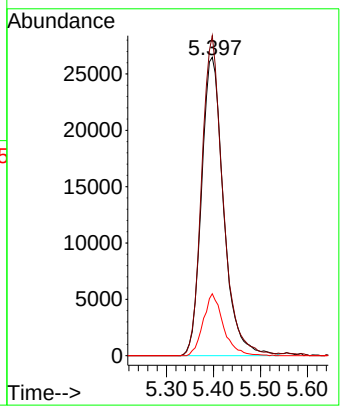


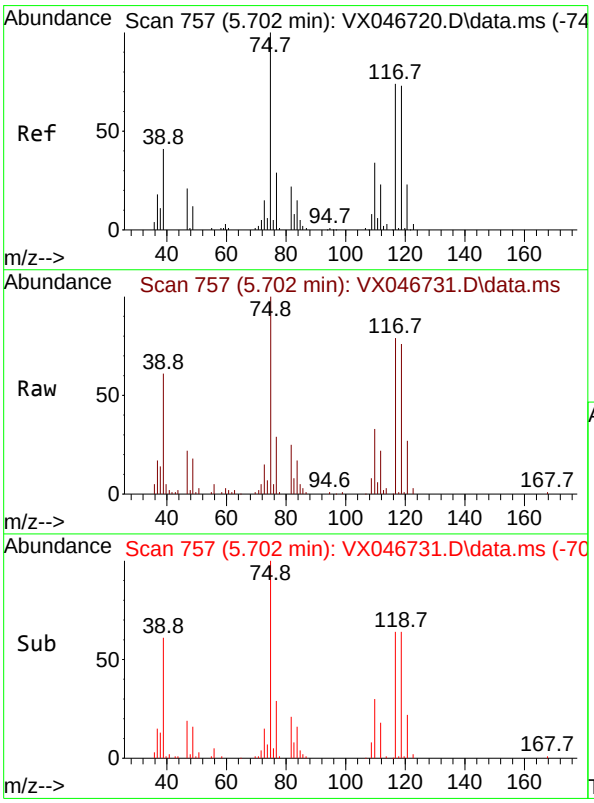
#35
Dibromofluoromethane
Concen: 50.499 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:113 Resp: 86297

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	19.1	15.3	22.9

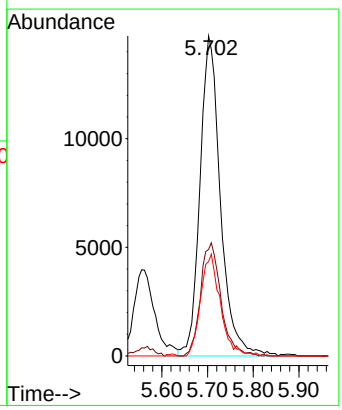


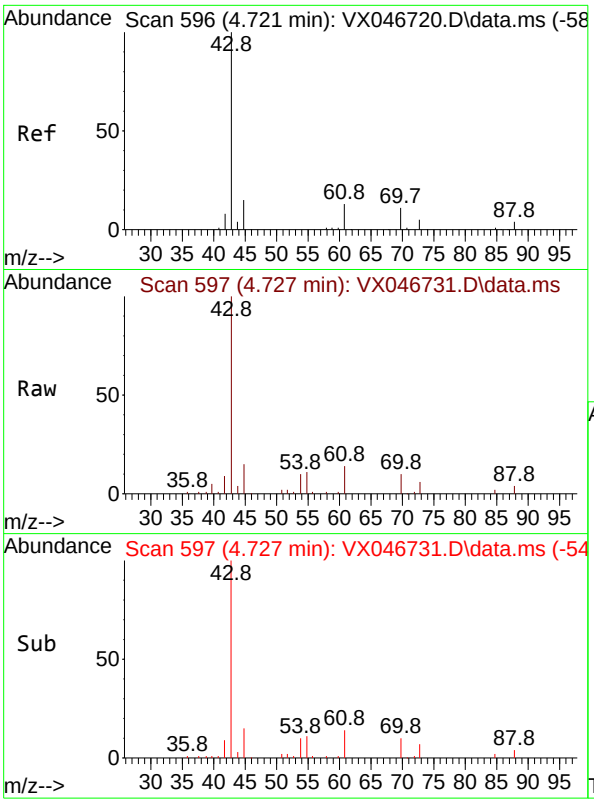


#36
1,1-Dichloropropene
Concen: 18.601 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 75 Resp: 45886

Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.2	51.5
77	30.6	24.2	36.4



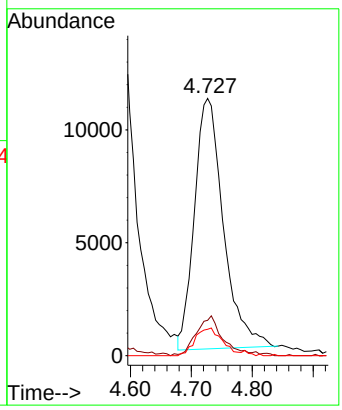


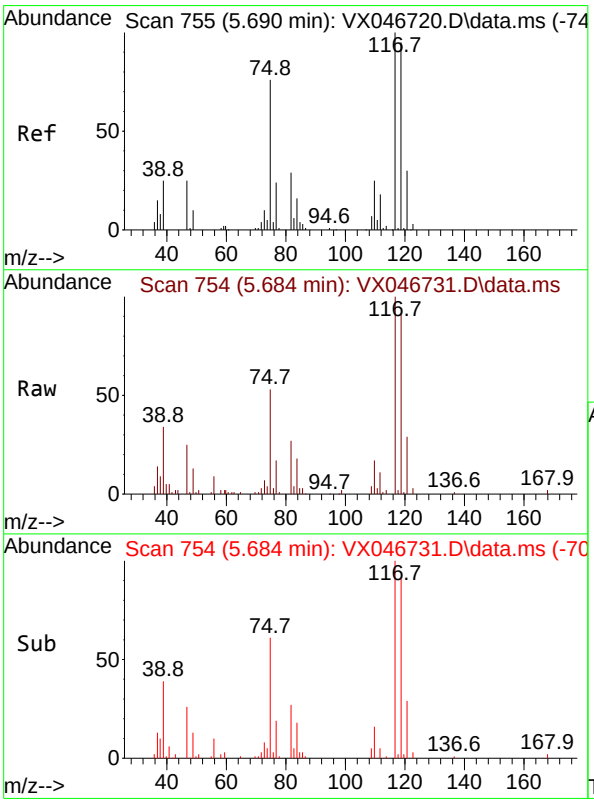
#37
Ethyl Acetate
Concen: 16.094 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 43 Resp: 36646

Ion	Ratio	Lower	Upper
43	100		
61	14.9	9.7	14.5#
70	10.8	8.1	12.1

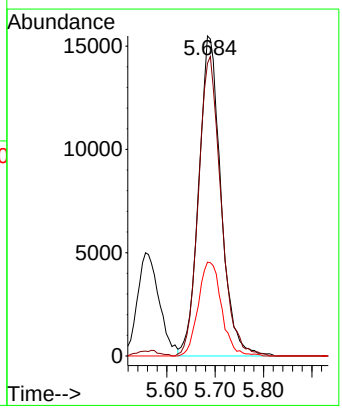


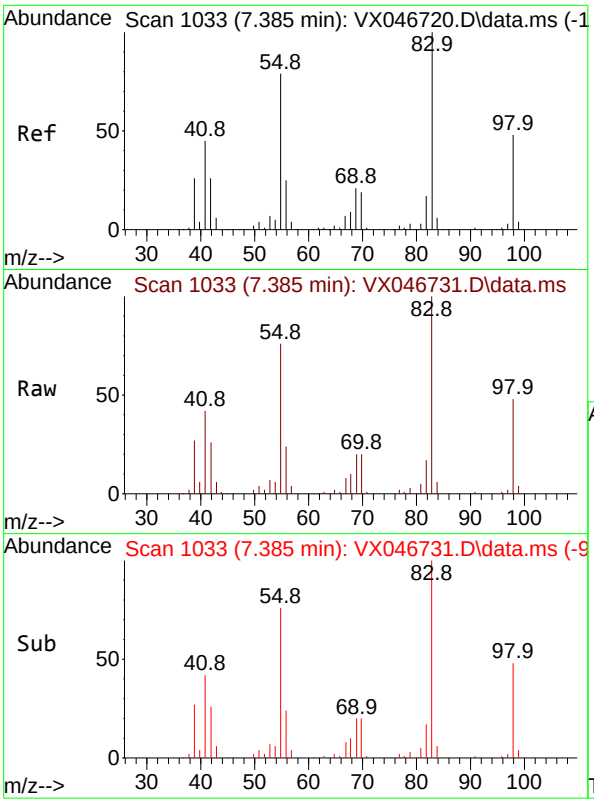


#38
Carbon Tetrachloride
Concen: 18.375 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:117 Resp: 49192

Ion	Ratio	Lower	Upper
117	100		
119	91.4	75.2	112.8
121	29.3	24.1	36.1



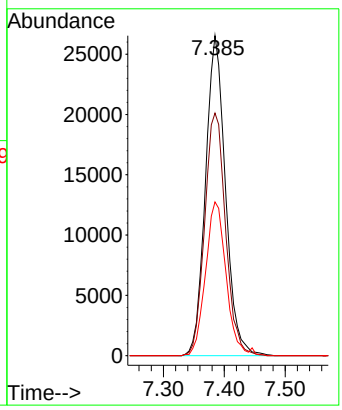


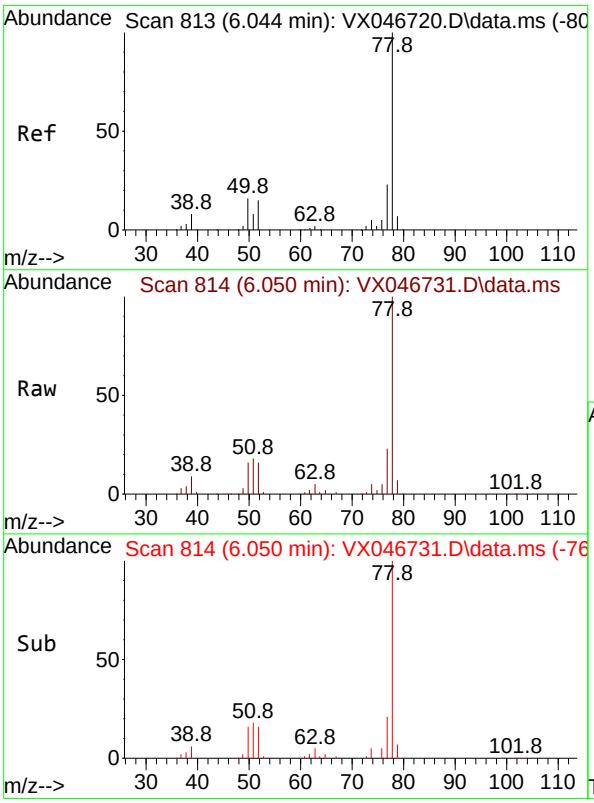
#39
Methylcyclohexane
Concen: 18.628 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 83 Resp: 60470

Ion	Ratio	Lower	Upper
83	100		
55	75.8	63.0	94.4
98	48.1	38.8	58.2

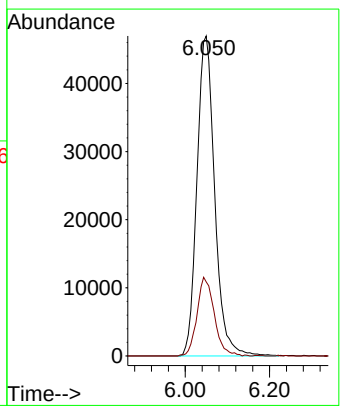


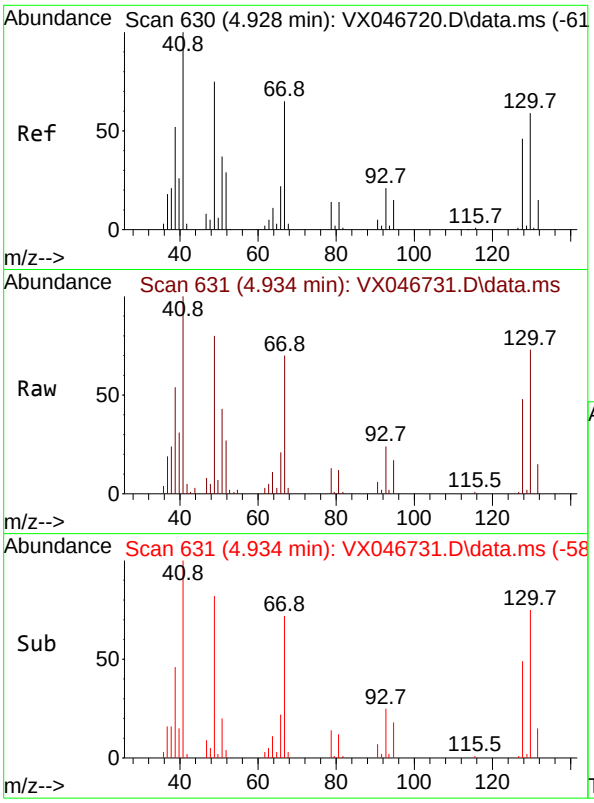


#40
Benzene
Concen: 18.845 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 78 Resp: 137579

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2



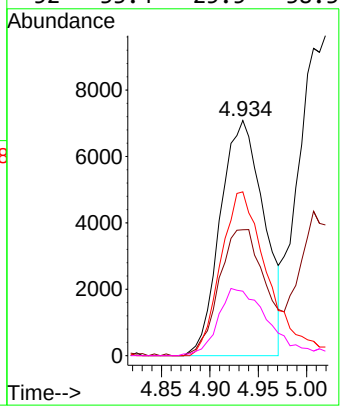


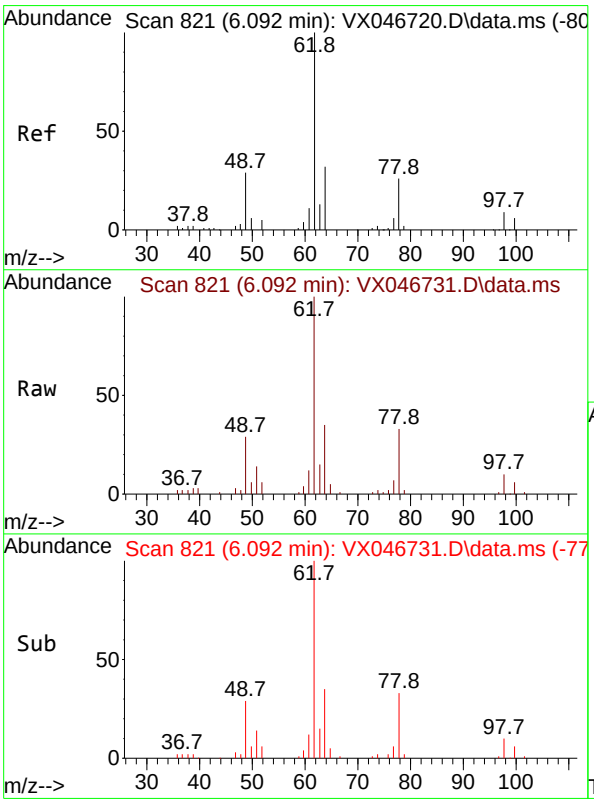
#41
Methacrylonitrile
Concen: 18.378 ug/l
RT: 4.934 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 41 Resp: 22309

Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.9	68.9
67	75.9	61.2	91.8
52	33.4	25.5	38.3

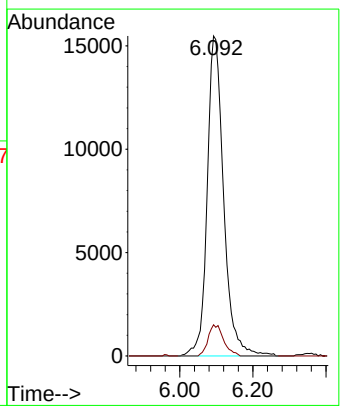


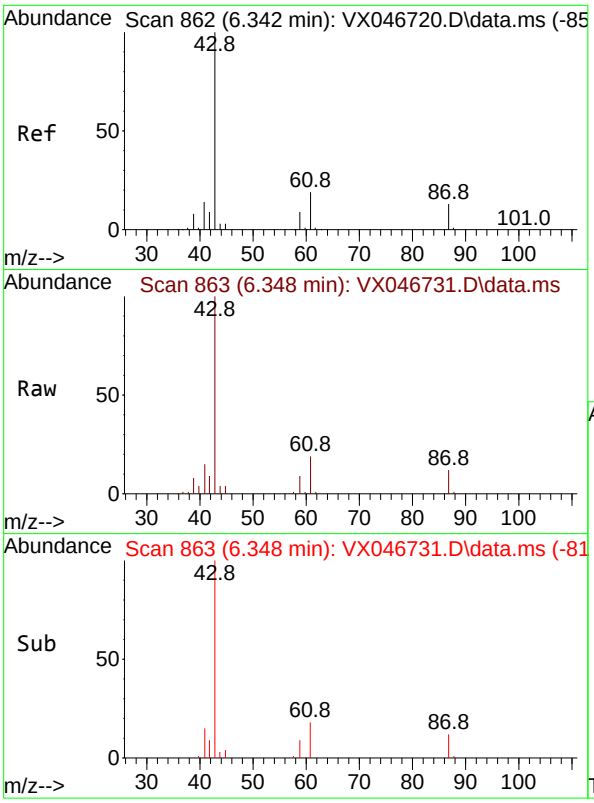


#42
1,2-Dichloroethane
Concen: 18.805 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 62 Resp: 48245

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8



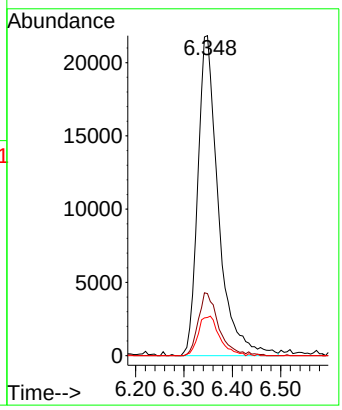


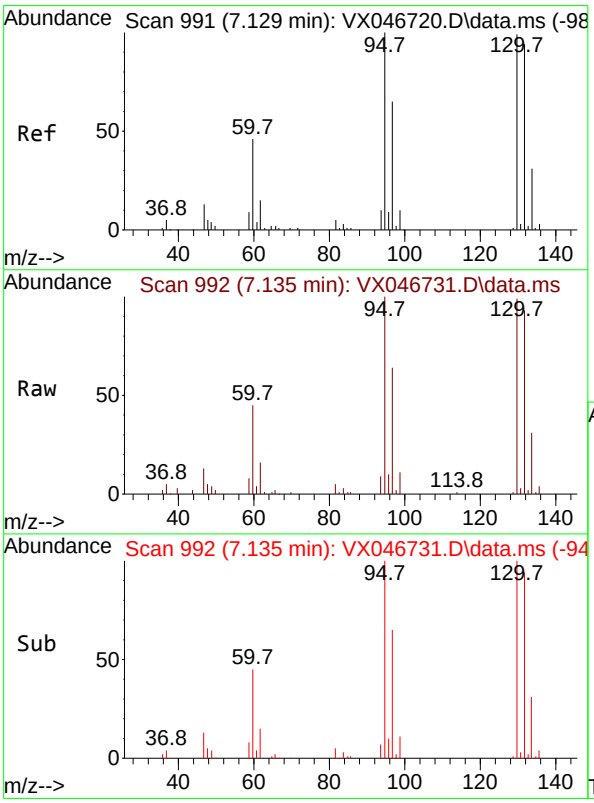
#43
Isopropyl Acetate
Concen: 18.129 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 43 Resp: 64595

Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.3	22.9
87	12.8	10.0	15.0

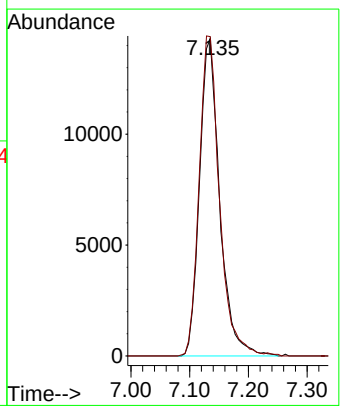


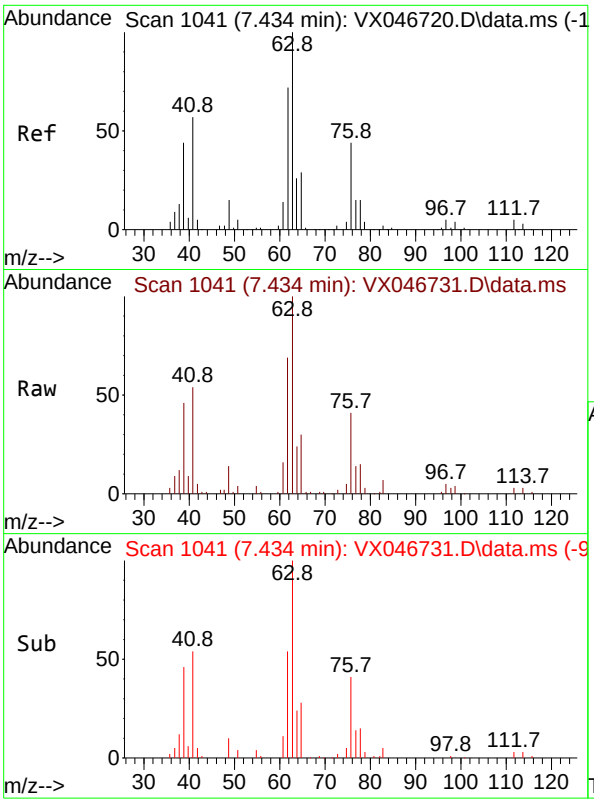


#44
Trichloroethene
Concen: 18.336 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:130 Resp: 34115

Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	202.6



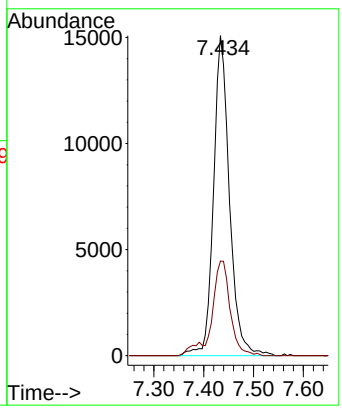


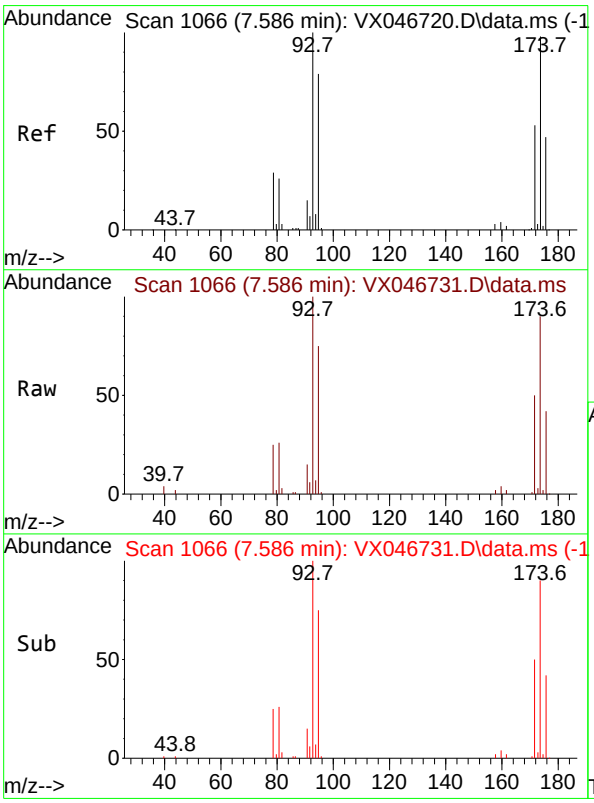
#45
1,2-Dichloropropane
Concen: 18.535 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 63 Resp: 33537

Ion	Ratio	Lower	Upper
63	100		
65	29.5	22.9	34.3

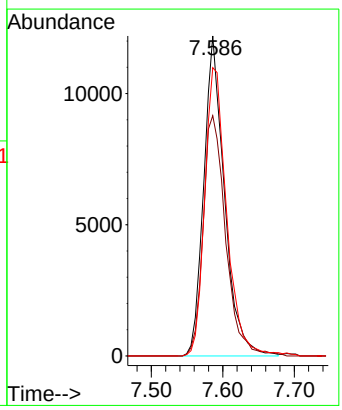


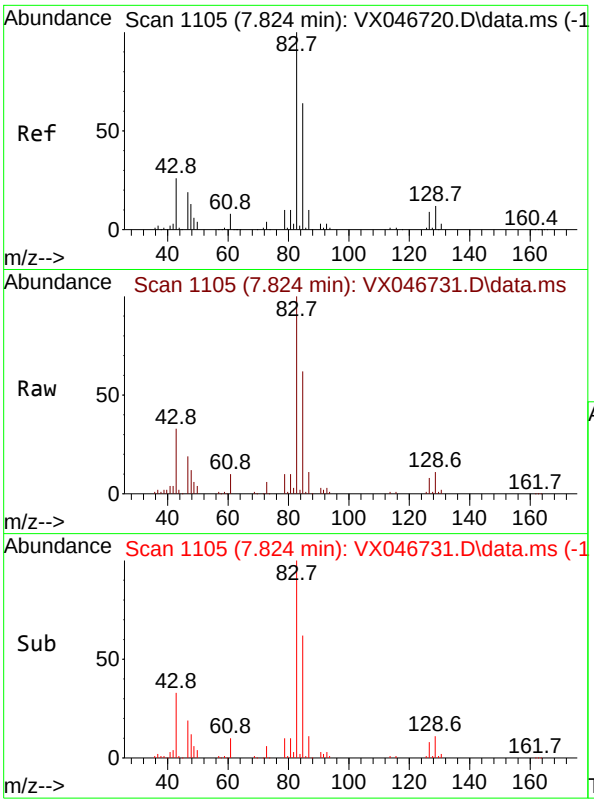


#46
Dibromomethane
Concen: 18.841 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 93 Resp: 24500

Ion	Ratio	Lower	Upper
93	100		
95	81.5	66.2	99.4
174	96.0	77.0	115.6



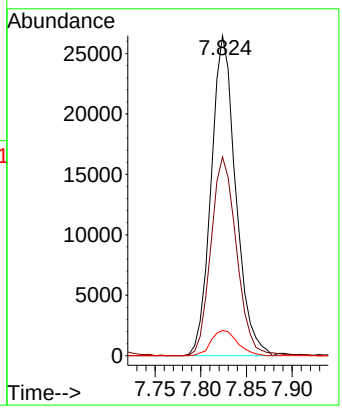


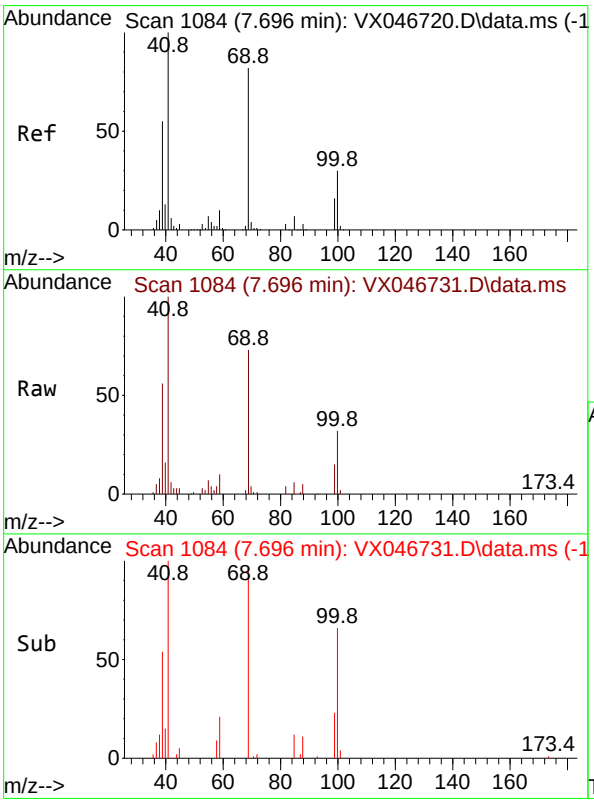
#47
Bromodichloromethane
Concen: 18.694 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 83 Resp: 49606

Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.4	77.2
127	7.9	6.9	10.3

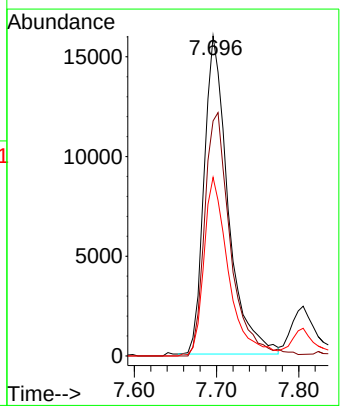


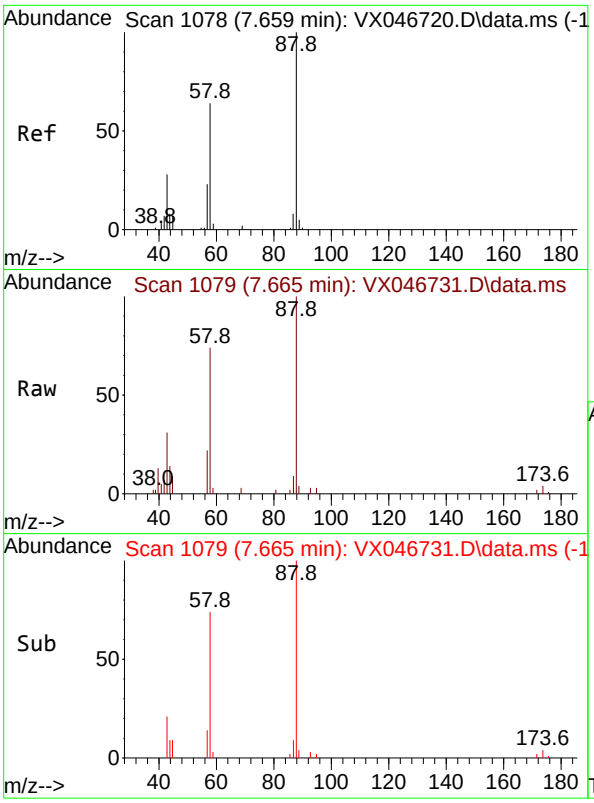


#48
Methyl methacrylate
Concen: 18.122 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 41 Resp: 32385

Ion	Ratio	Lower	Upper
41	100		
69	81.8	63.4	95.2
39	57.5	45.4	68.0



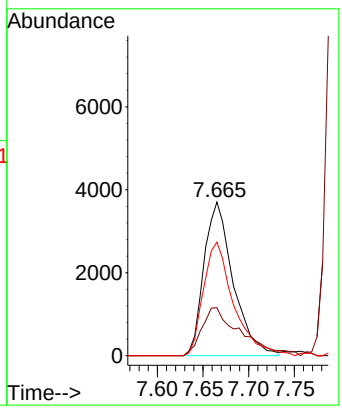


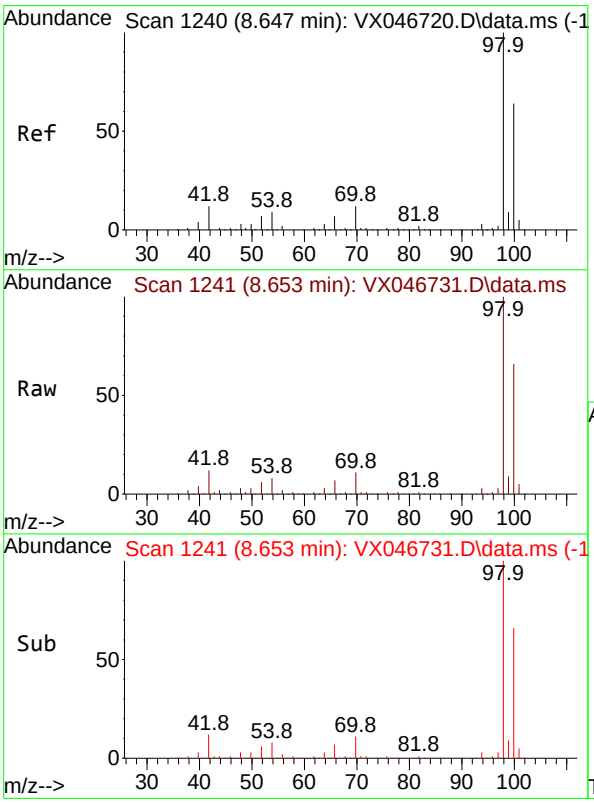
#49
1,4-Dioxane
Concen: 335.186 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 88 Resp: 8212

Ion	Ratio	Lower	Upper
88	100		
43	41.6	31.2	46.8
58	76.6	54.7	82.1

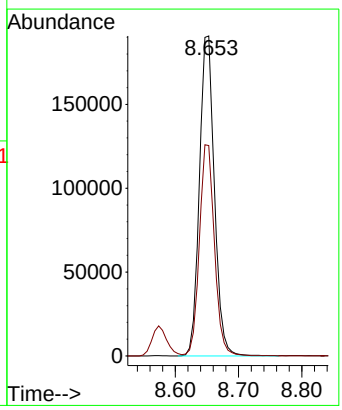


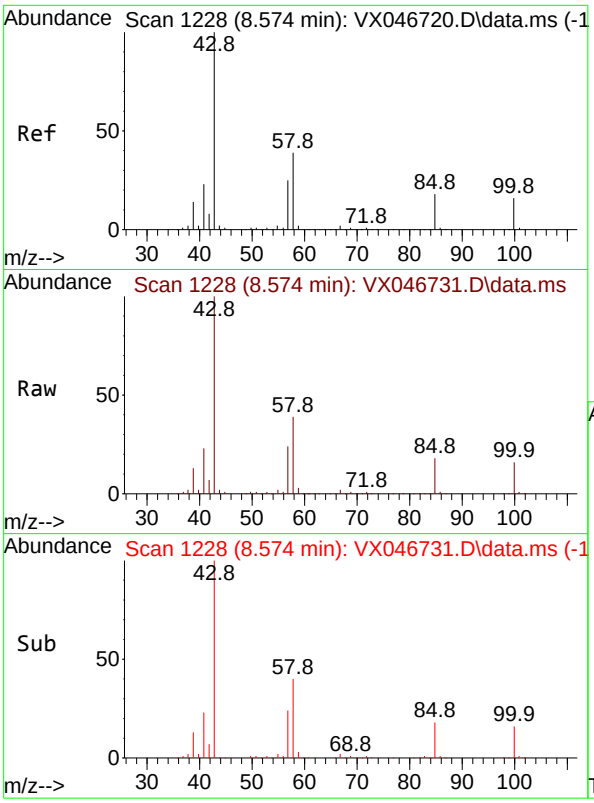


#50
Toluene-d8
Concen: 51.335 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 98 Resp: 315181

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4



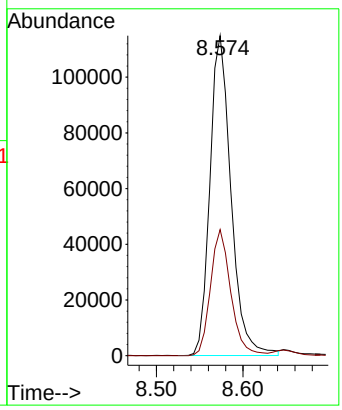


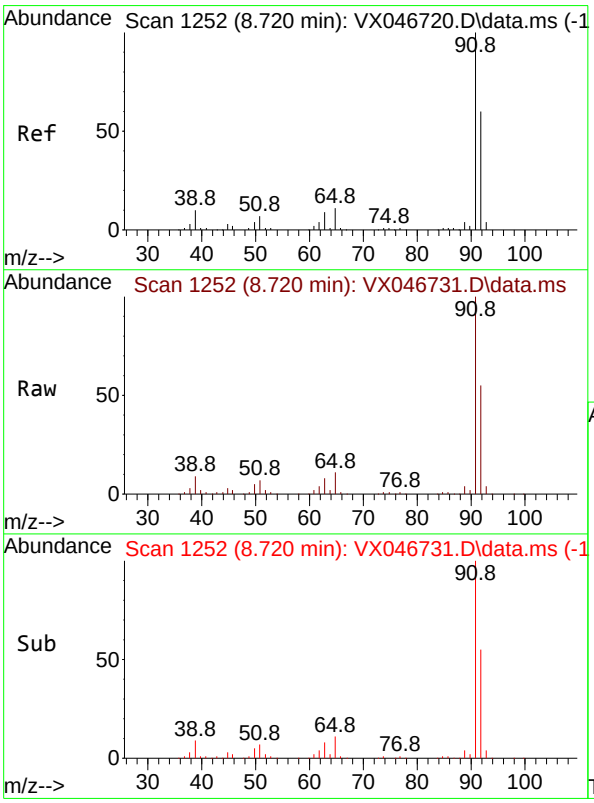
#51
4-Methyl-2-Pentanone
Concen: 91.344 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 43 Resp: 194118

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.8	46.2

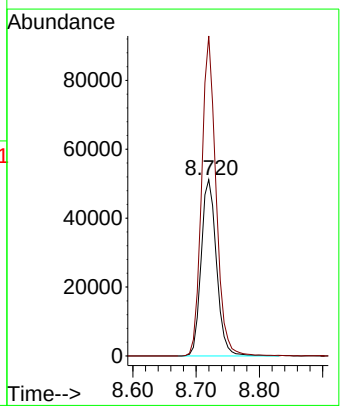


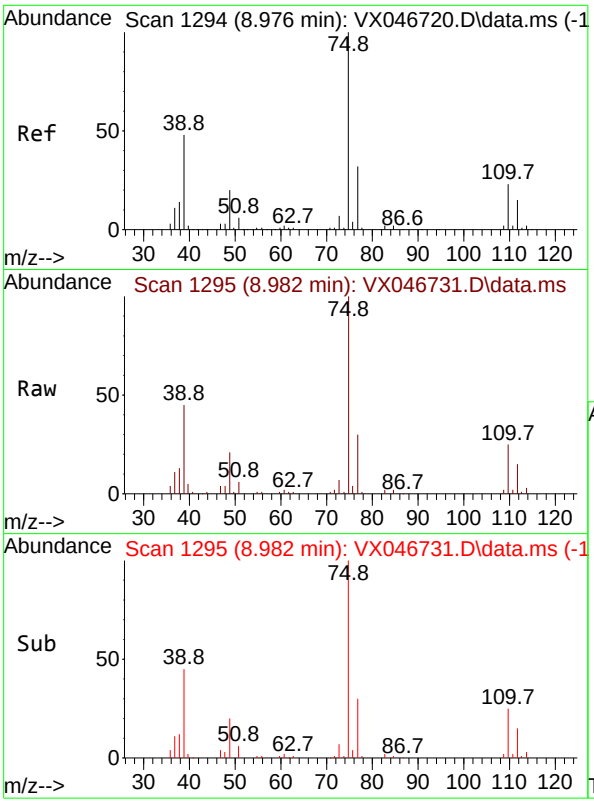


#52
Toluene
Concen: 19.090 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 92 Resp: 86400

Ion	Ratio	Lower	Upper
92	100		
91	171.2	134.8	202.2



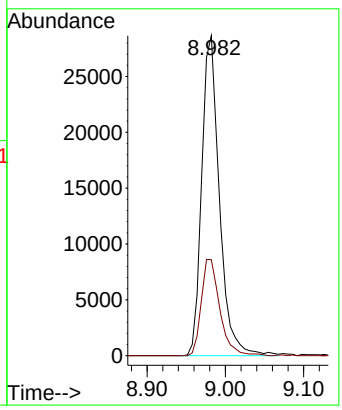


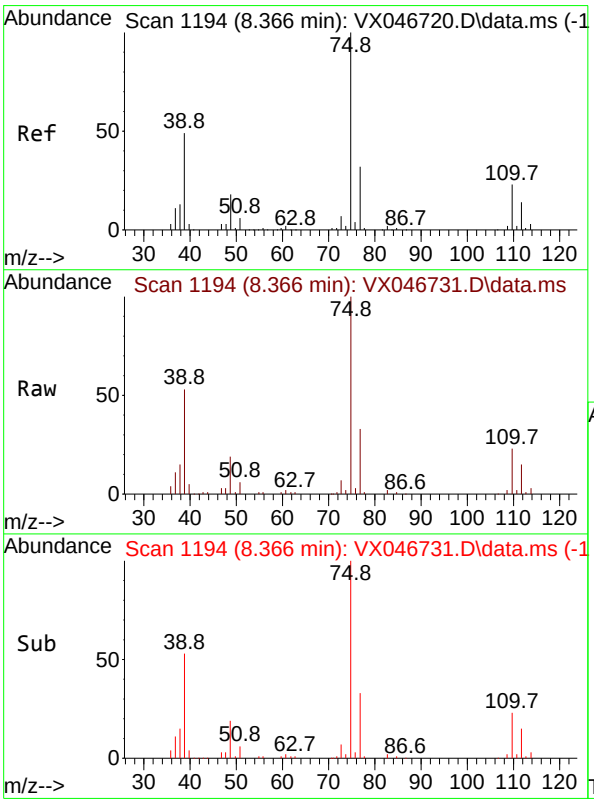
#53
t-1,3-Dichloropropene
Concen: 18.263 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 75 Resp: 44965

Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.6	38.4

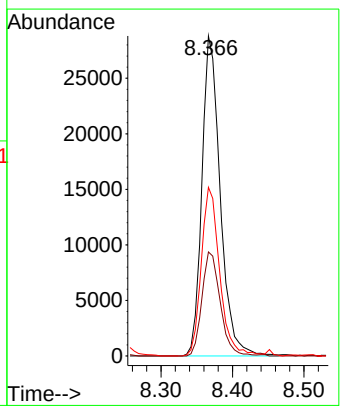


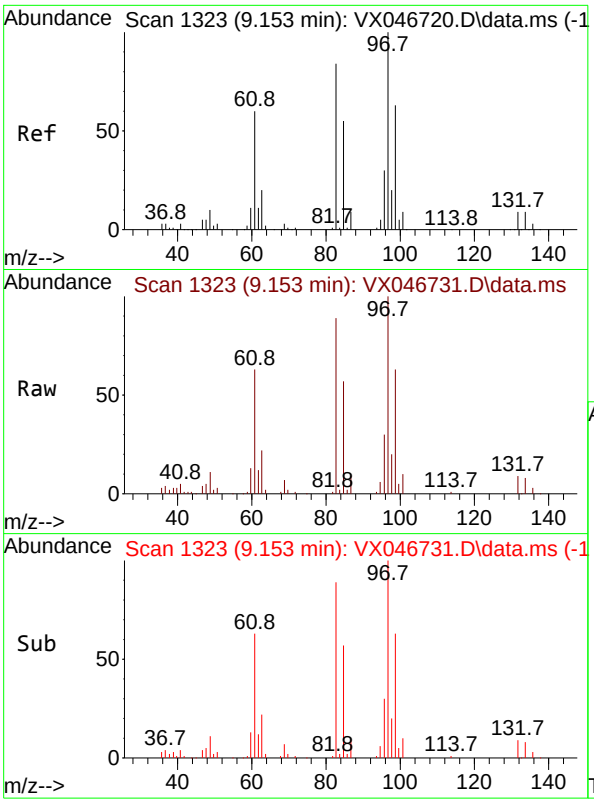


#54
cis-1,3-Dichloropropene
Concen: 18.372 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 75 Resp: 51349

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.3	37.9
39	52.7	39.2	58.8



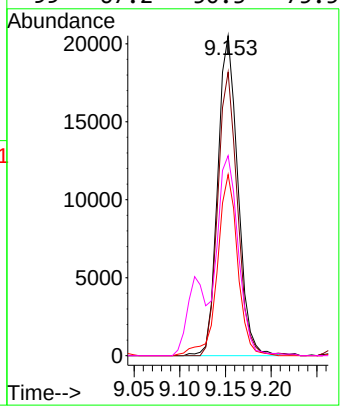


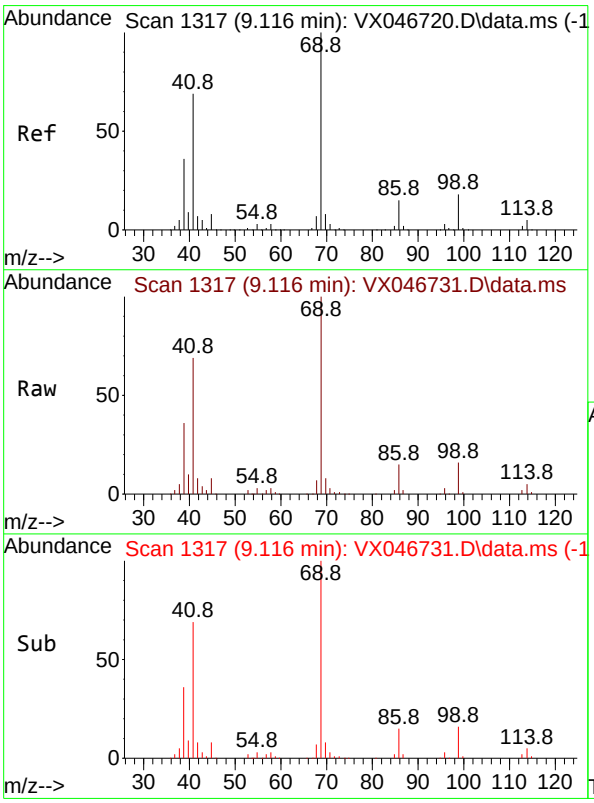
#55
1,1,2-Trichloroethane
Concen: 18.674 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 97 Resp: 31497

Ion	Ratio	Lower	Upper
97	100		
83	88.6	67.2	100.8
85	56.6	44.1	66.1
99	67.2	50.3	75.5

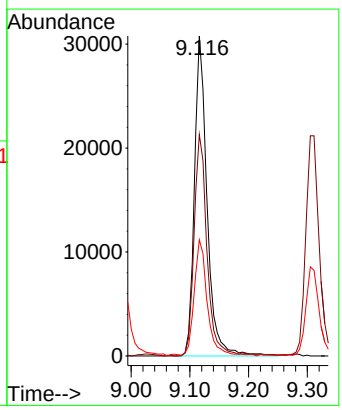


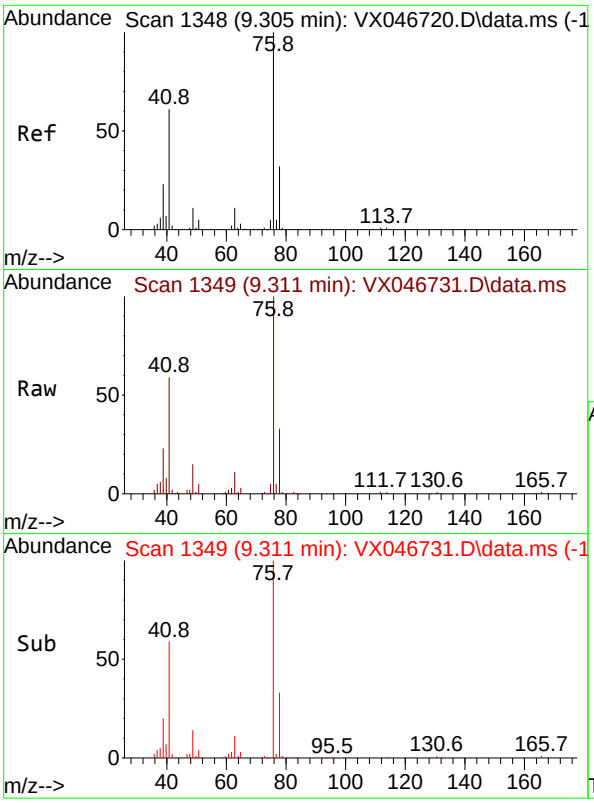


#56
Ethyl methacrylate
Concen: 18.500 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 69 Resp: 46060

Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.4	83.2
39	37.7	29.7	44.5



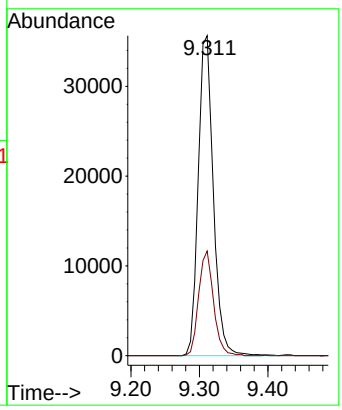


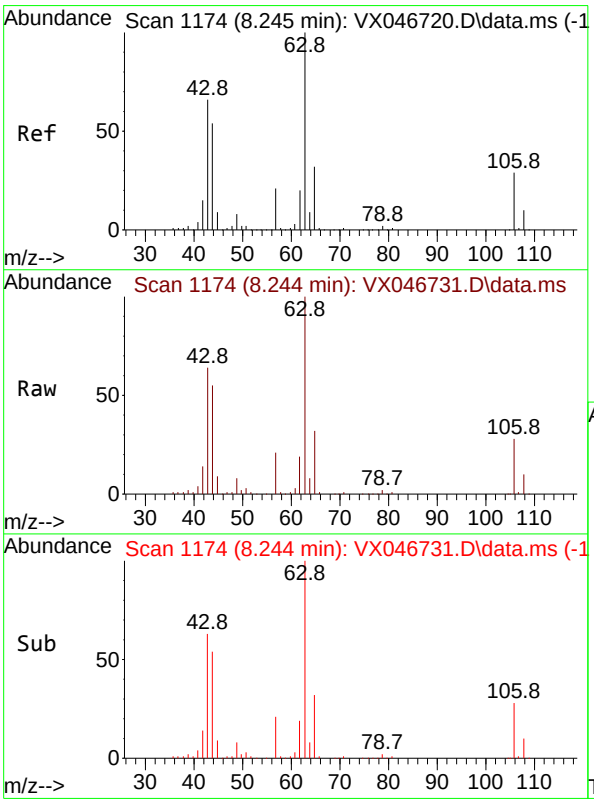
#57
1,3-Dichloropropane
Concen: 18.853 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 76 Resp: 54758

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

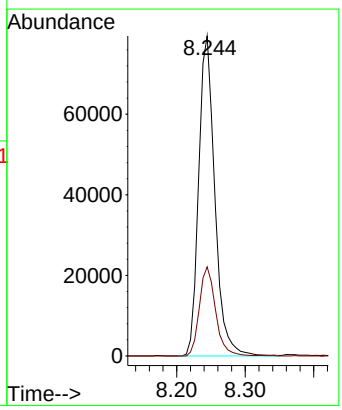


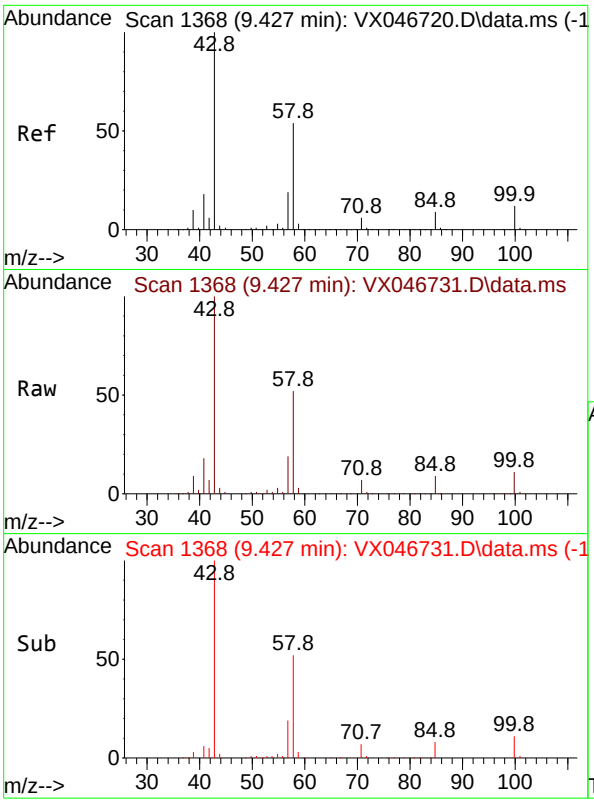


#58
2-Chloroethyl Vinyl ether
Concen: 100.816 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 63 Resp: 130389

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.6	34.0



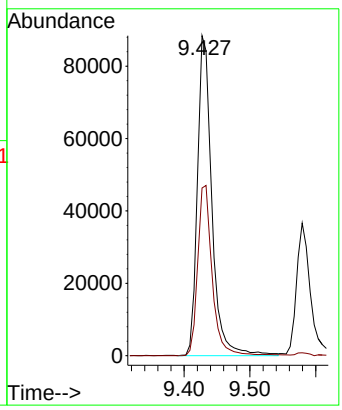


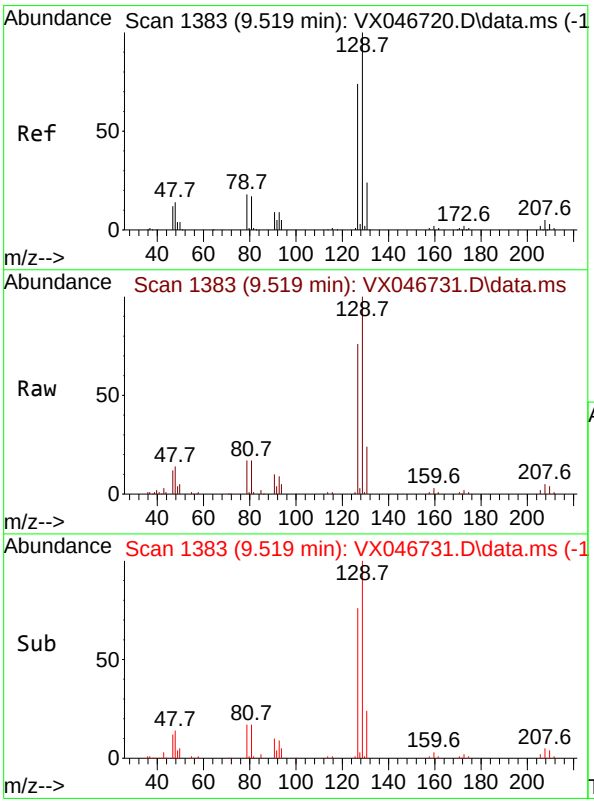
#59
2-Hexanone
Concen: 92.207 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 43 Resp: 135469

Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.8	80.4

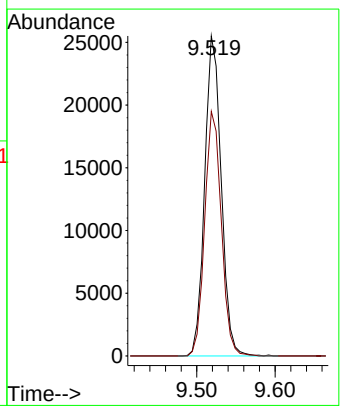


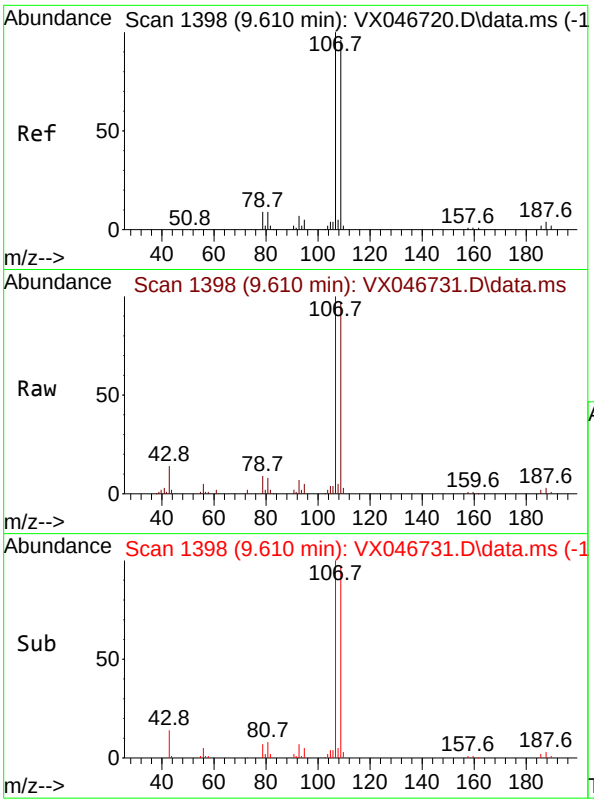


#60
Dibromochloromethane
Concen: 18.767 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:129 Resp: 37303

Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.4	115.2



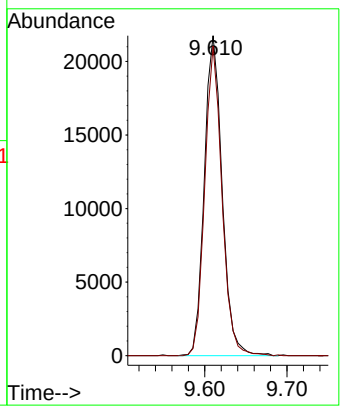


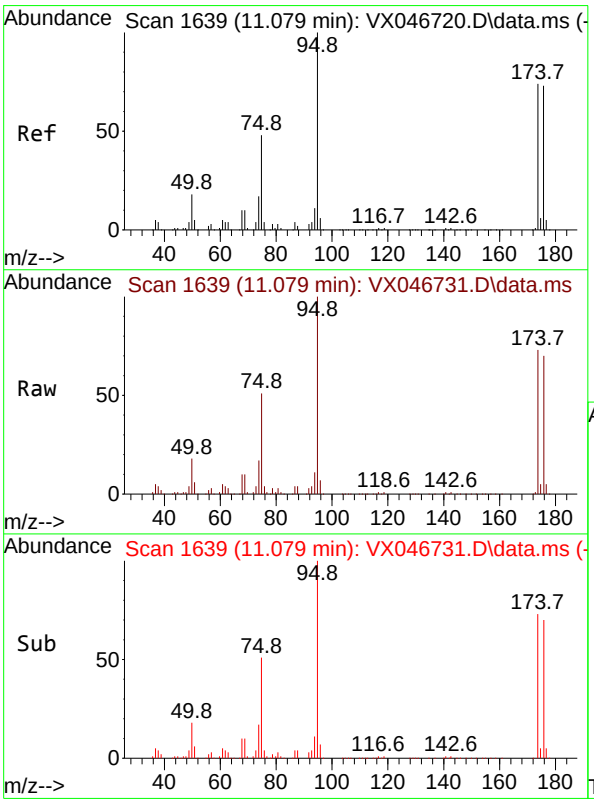
#61
1,2-Dibromoethane
Concen: 19.131 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:107 Resp: 32821

Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.8	113.6

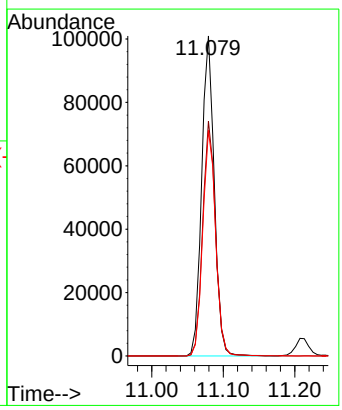


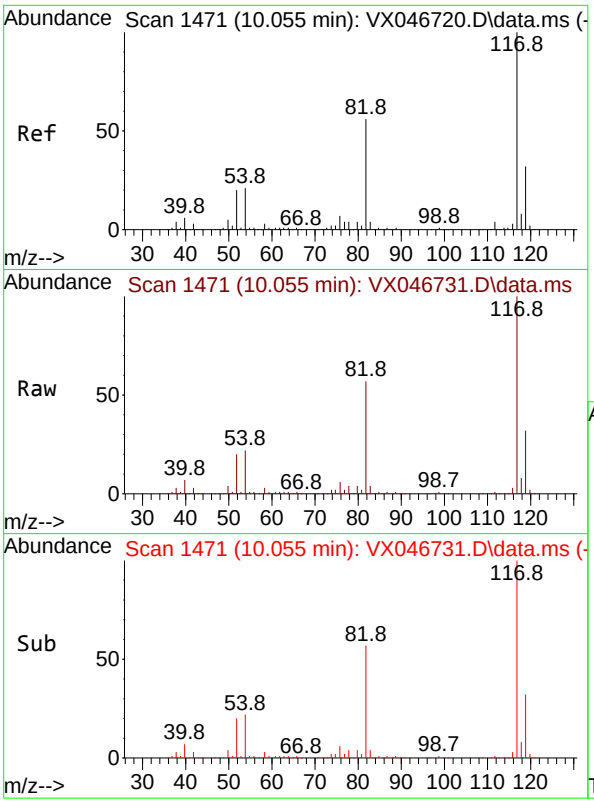


#62
4-Bromofluorobenzene
Concen: 53.877 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 95 Resp: 123307

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	150.4
176	72.3	0.0	145.0



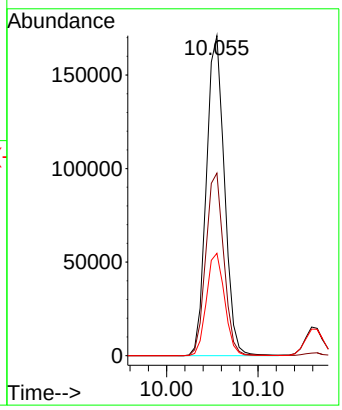


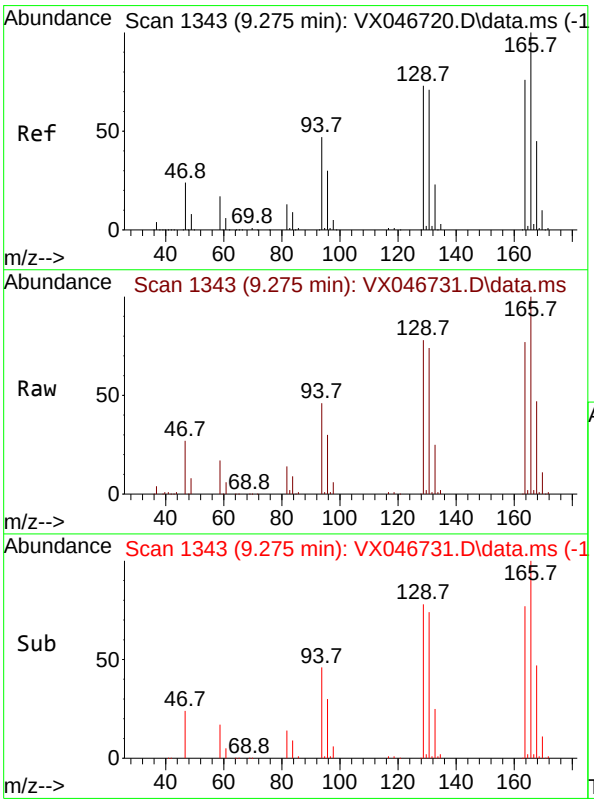
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:117 Resp: 234034

Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.6	66.8
119	32.0	25.8	38.8

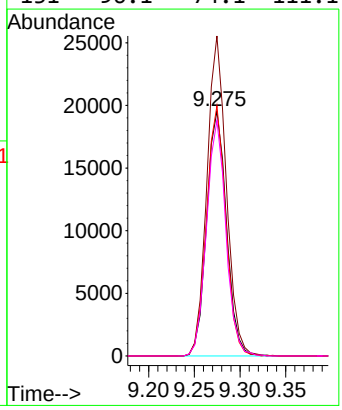


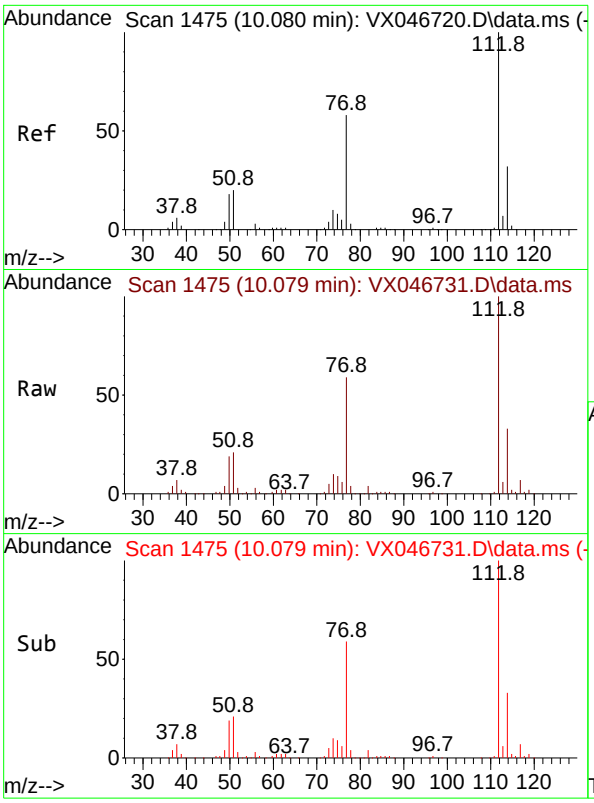


#64
Tetrachloroethene
Concen: 18.146 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:164 Resp: 29423

Ion	Ratio	Lower	Upper
164	100		
166	130.7	104.6	157.0
129	102.0	76.3	114.5
131	96.1	74.1	111.1



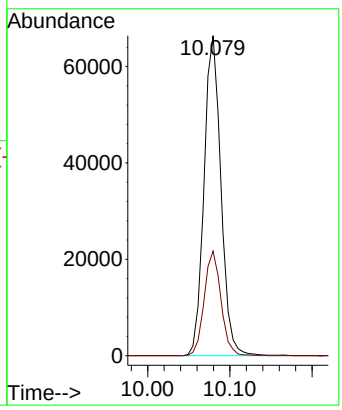


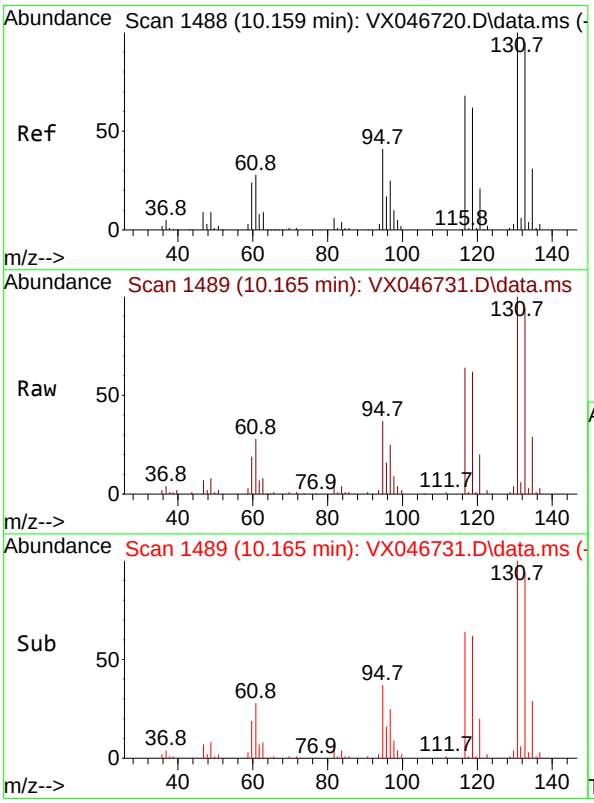
#65
Chlorobenzene
Concen: 18.339 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:112 Resp: 94744

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.5	38.3

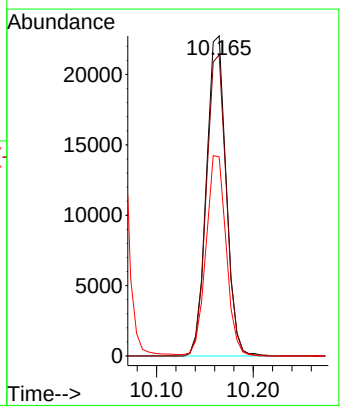


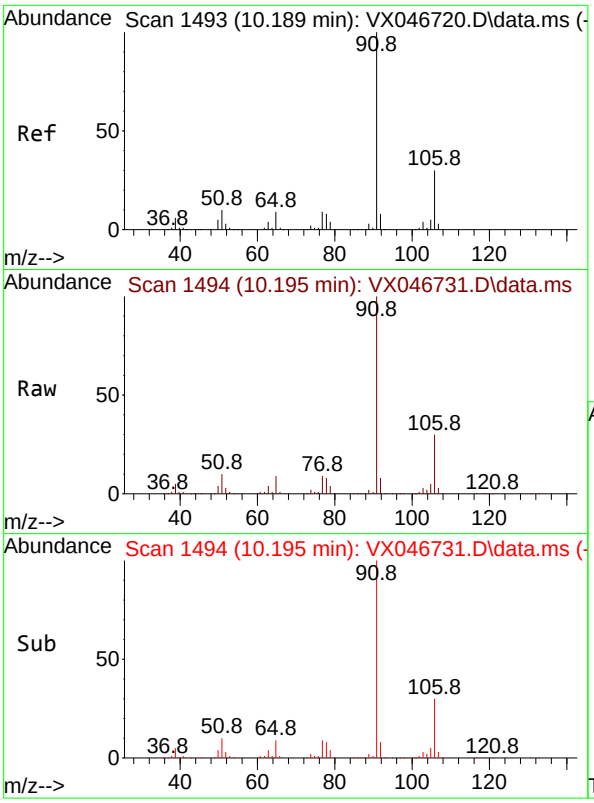


#66
1,1,1,2-Tetrachloroethane
Concen: 18.632 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:131 Resp: 32350

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.3	141.8
119	64.0	32.1	96.3



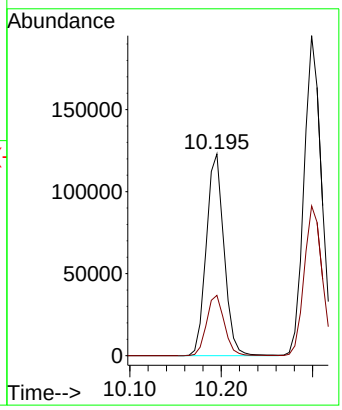


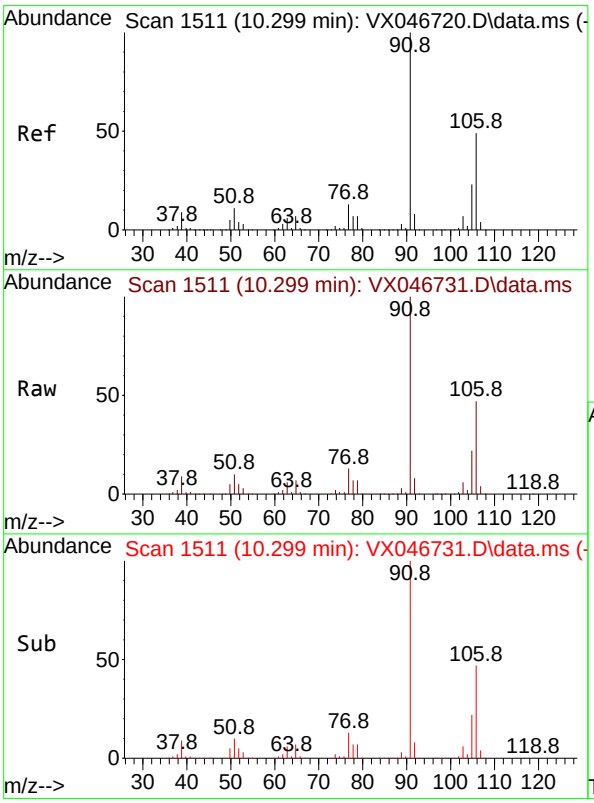
#67
Ethyl Benzene
Concen: 18.304 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 91 Resp: 165227

Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.2	36.2

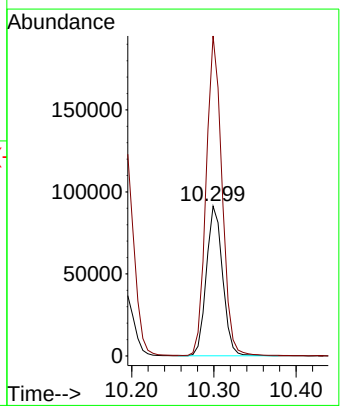


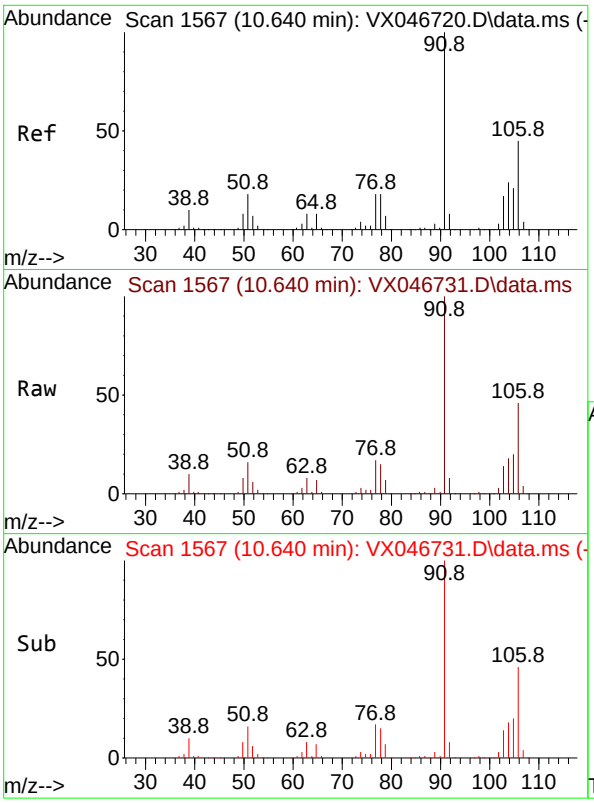


#68
m/p-Xylenes
Concen: 37.239 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:106 Resp: 125249

Ion	Ratio	Lower	Upper
106	100		
91	208.8	164.8	247.2



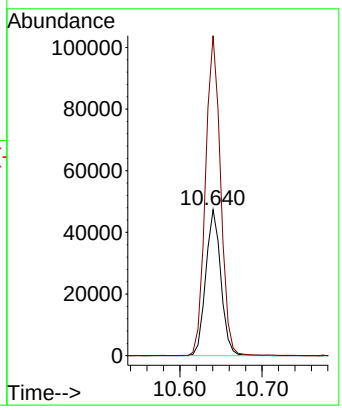


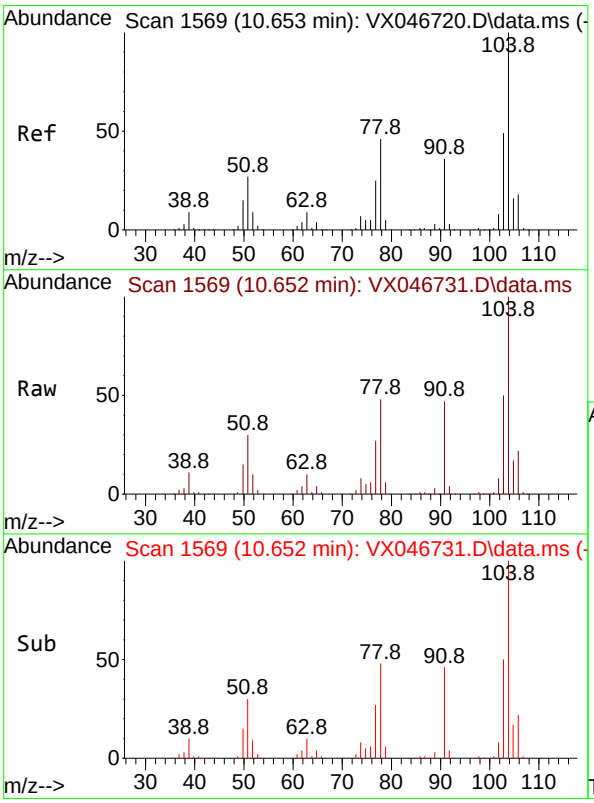
#69
o-Xylene
Concen: 19.136 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:106 Resp: 60319

Ion	Ratio	Lower	Upper
106	100		
91	218.5	111.3	333.9

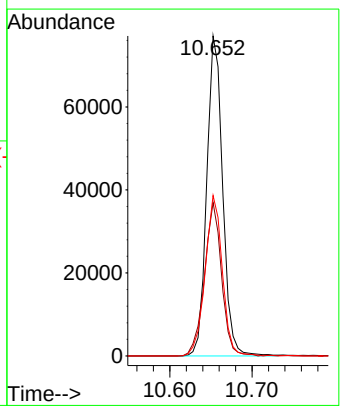


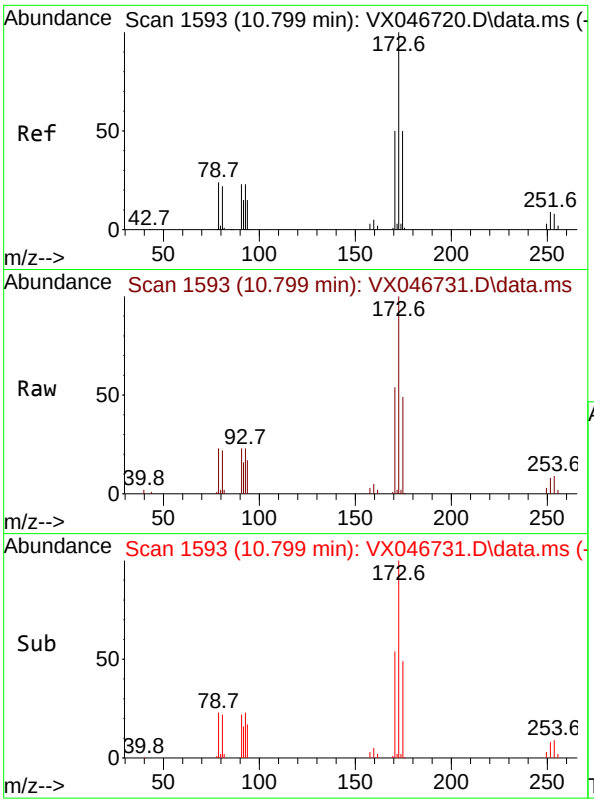


#70
Styrene
Concen: 18.804 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:104 Resp: 103726

Ion	Ratio	Lower	Upper
104	100		
78	51.7	41.4	62.2
103	54.0	43.1	64.7



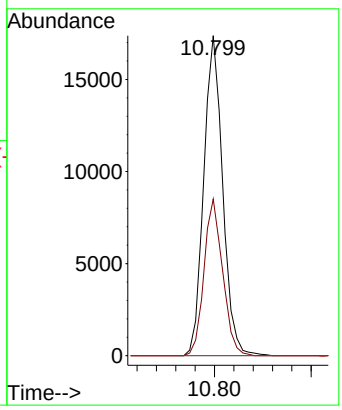


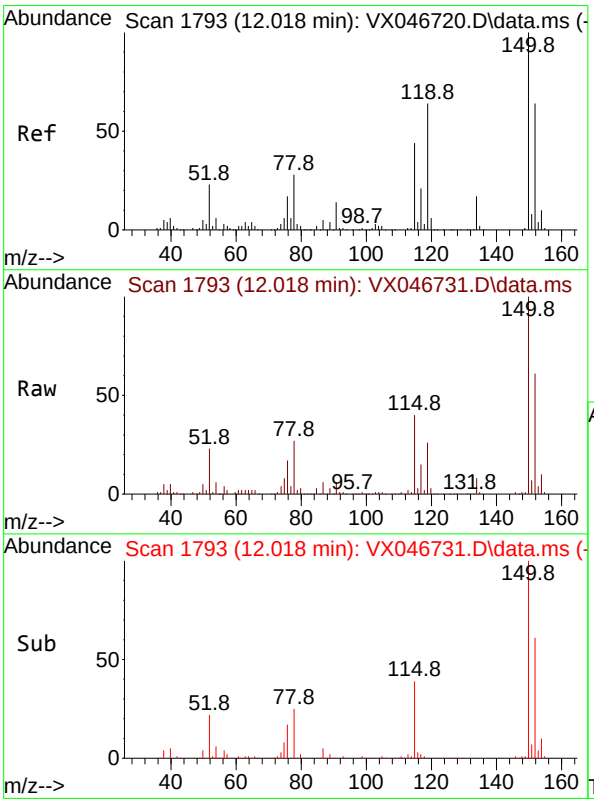
#71
Bromoform
Concen: 17.907 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:173 Resp: 23678

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.4
254	0.0	0.1	0.1#

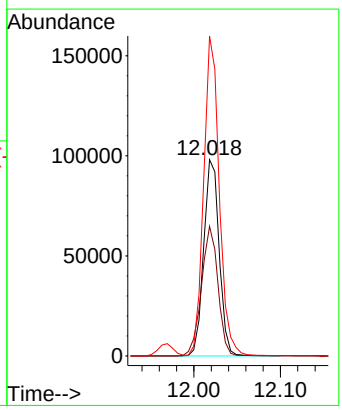


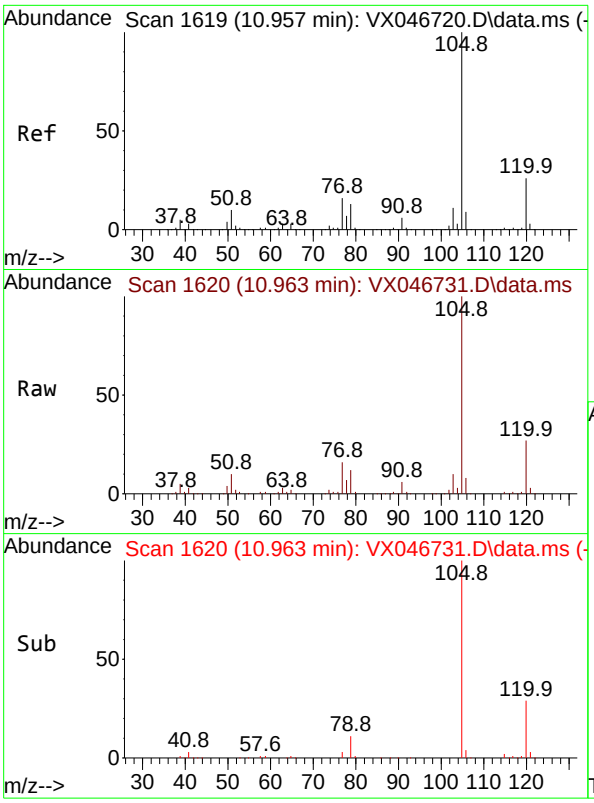


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:152 Resp: 121898

Ion	Ratio	Lower	Upper
152	100		
115	70.4	43.2	129.6
150	164.9	0.0	346.8



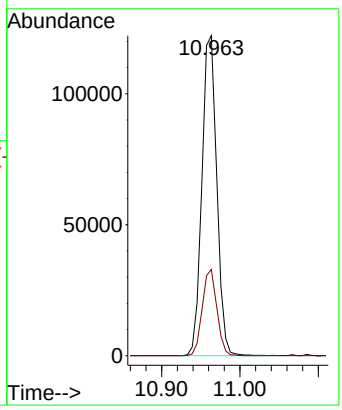


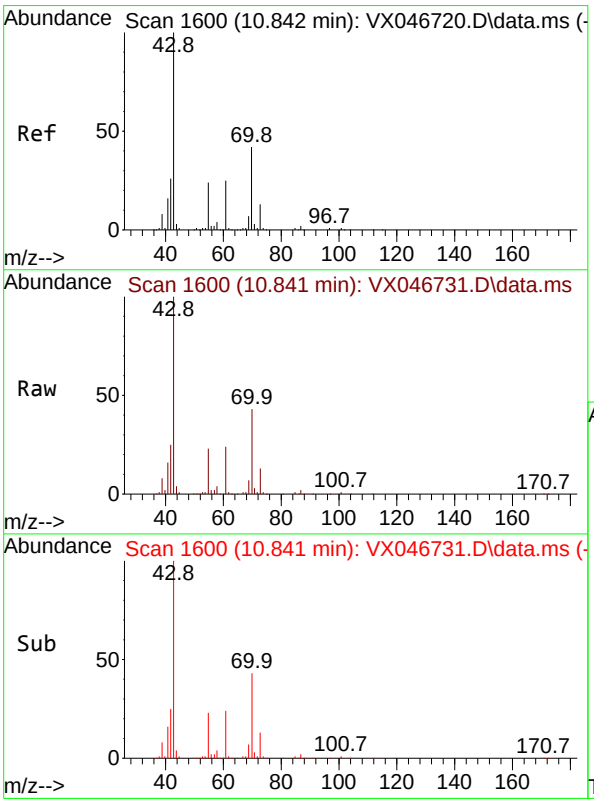
#73
Isopropylbenzene
Concen: 17.941 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:105 Resp: 161068

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.0	39.0

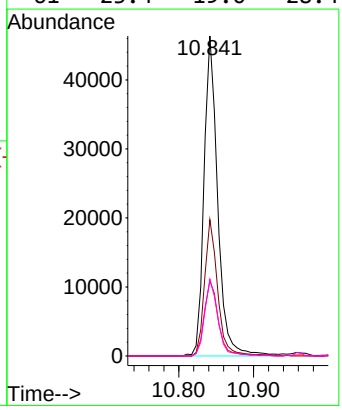


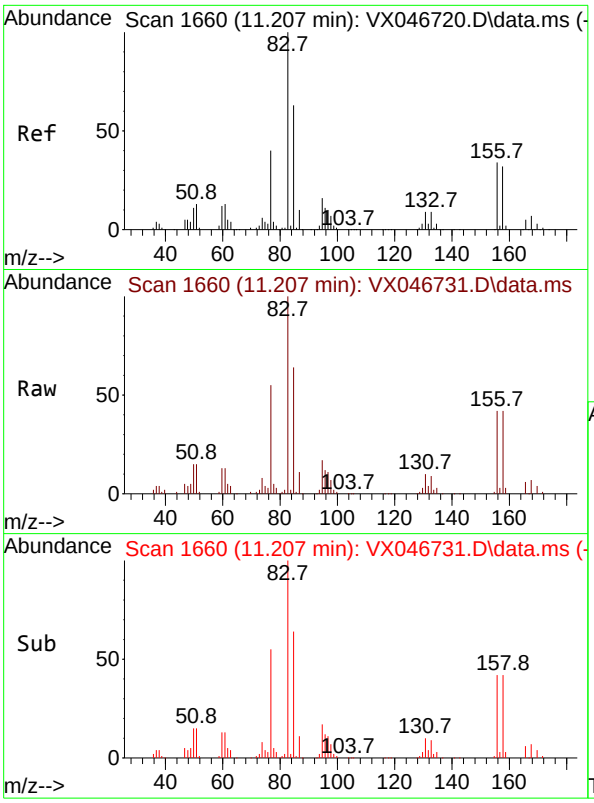


#74
N-amyl acetate
Concen: 17.325 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 43 Resp: 58929

Ion	Ratio	Lower	Upper
43	100		
70	41.1	33.4	50.0
55	24.3	19.1	28.7
61	23.4	19.0	28.4



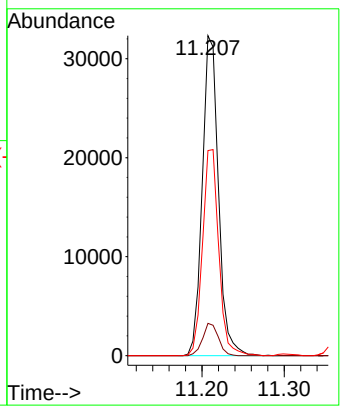


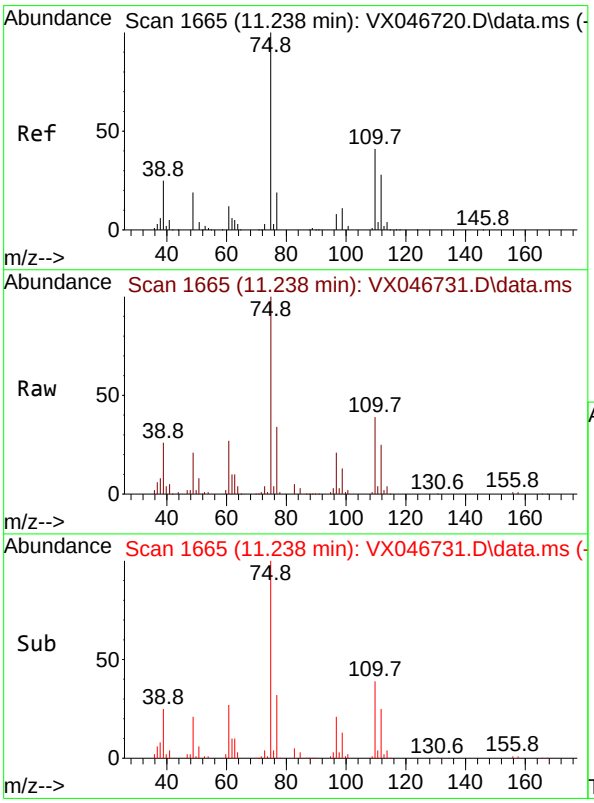
#75
1,1,2,2-Tetrachloroethane
Concen: 17.613 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 83 Resp: 44152

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.6
85	64.6	32.0	96.0

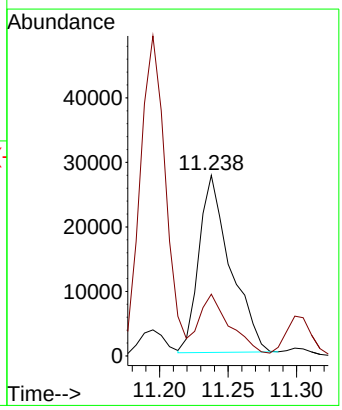


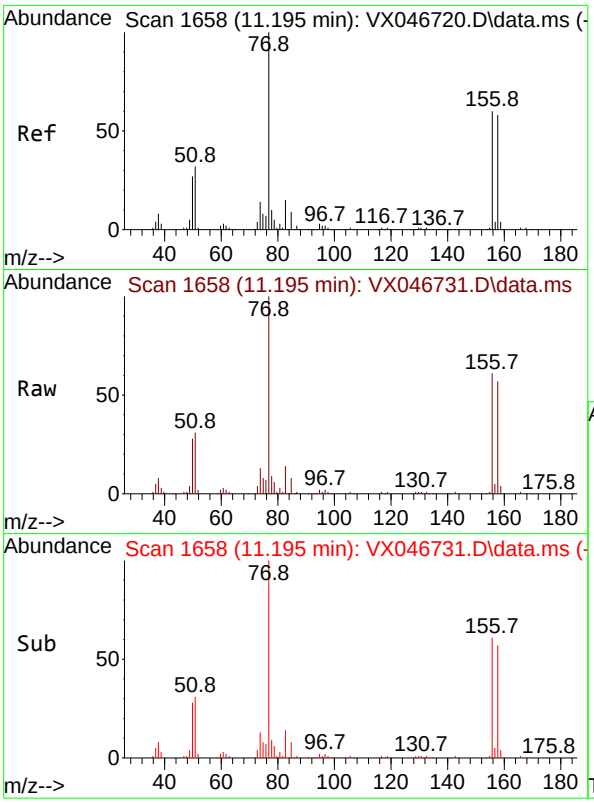


#76
1,2,3-Trichloropropane
Concen: 19.716 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 75 Resp: 44018

Ion	Ratio	Lower	Upper
75	100		
77	34.9	18.5	55.5



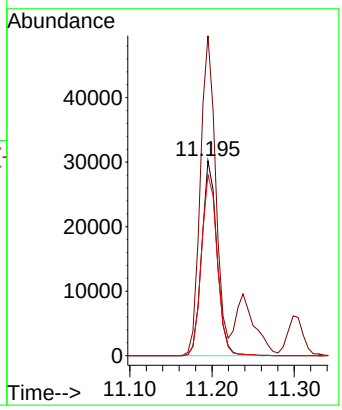


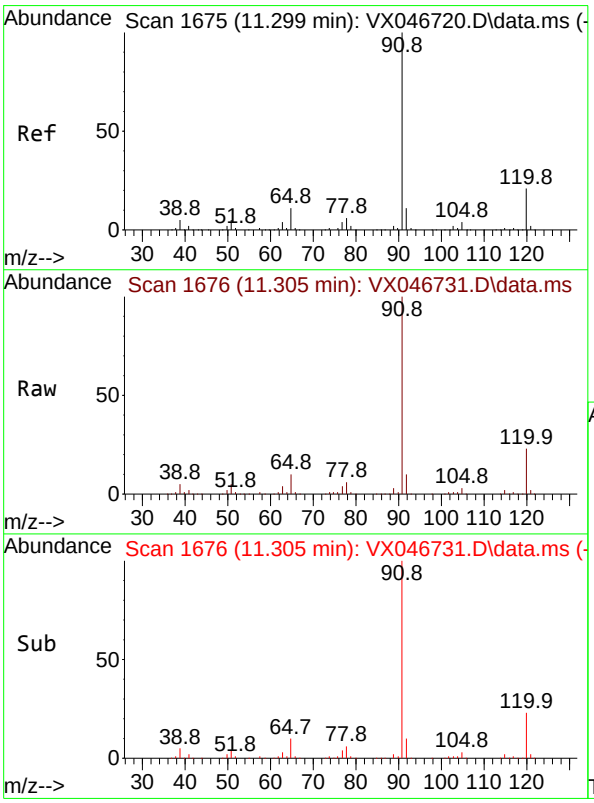
#77
Bromobenzene
Concen: 17.979 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:156 Resp: 38841

Ion	Ratio	Lower	Upper
156	100		
77	165.3	82.8	248.6
158	96.5	47.6	142.9

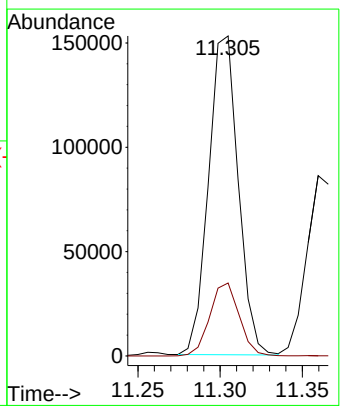


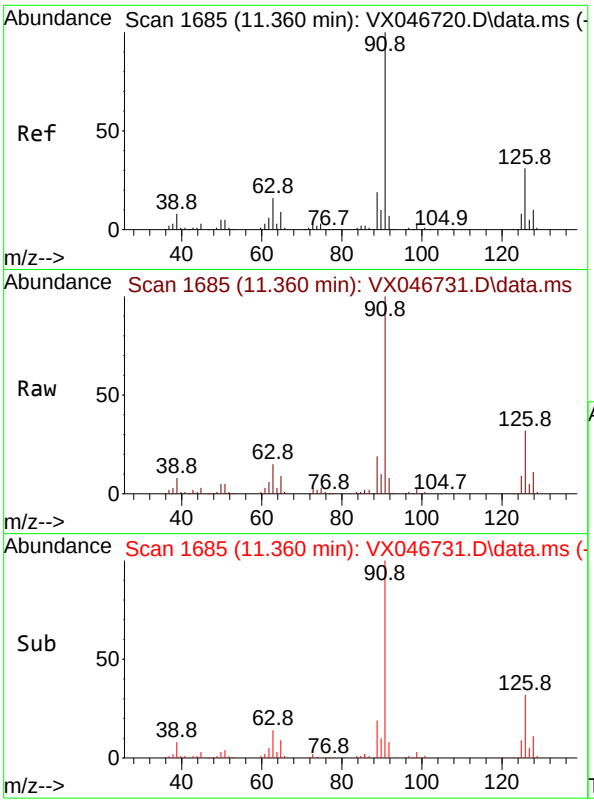


#78
n-propylbenzene
Concen: 18.026 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 91 Resp: 192217

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.1



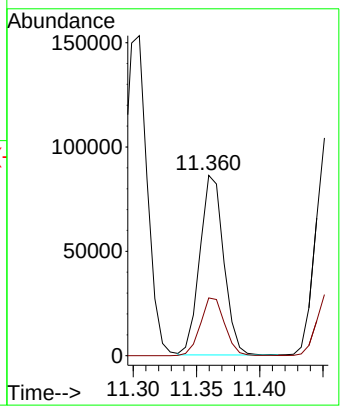


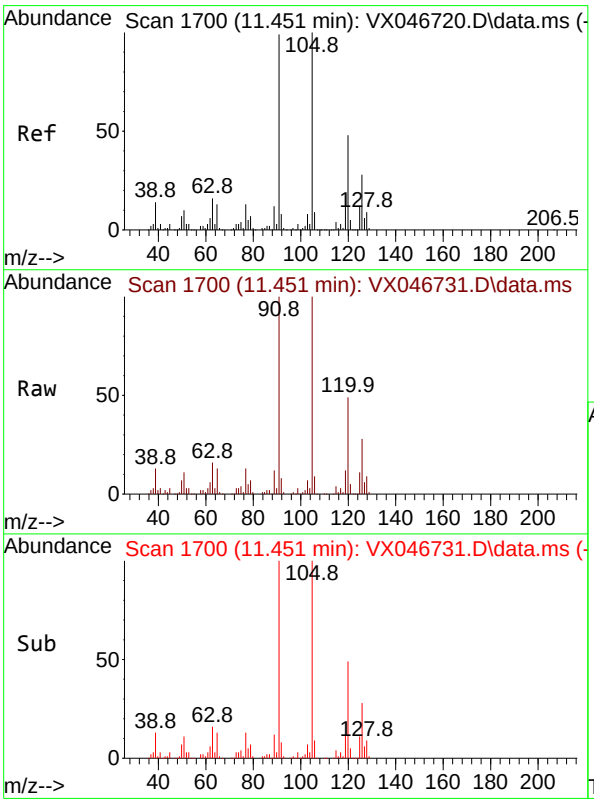
#79
2-Chlorotoluene
Concen: 17.818 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 91 Resp: 113441

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.6	49.7

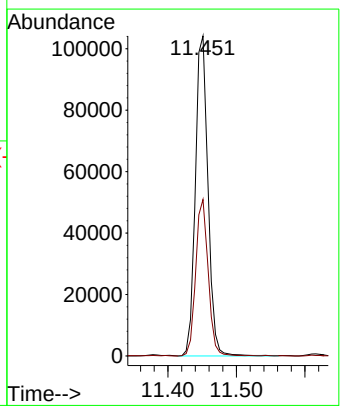


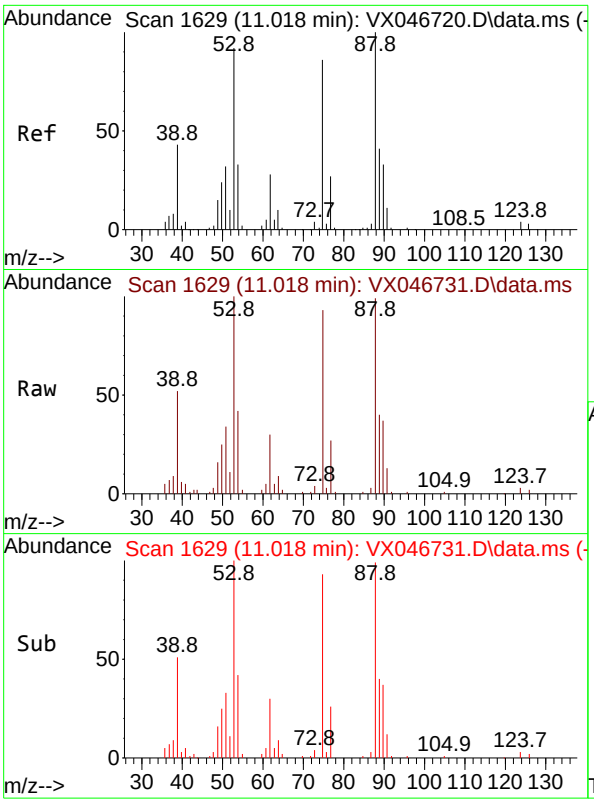


#80
1,3,5-Trimethylbenzene
Concen: 18.130 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:105 Resp: 133755

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.1	72.2



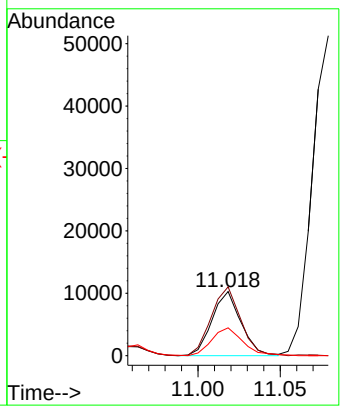


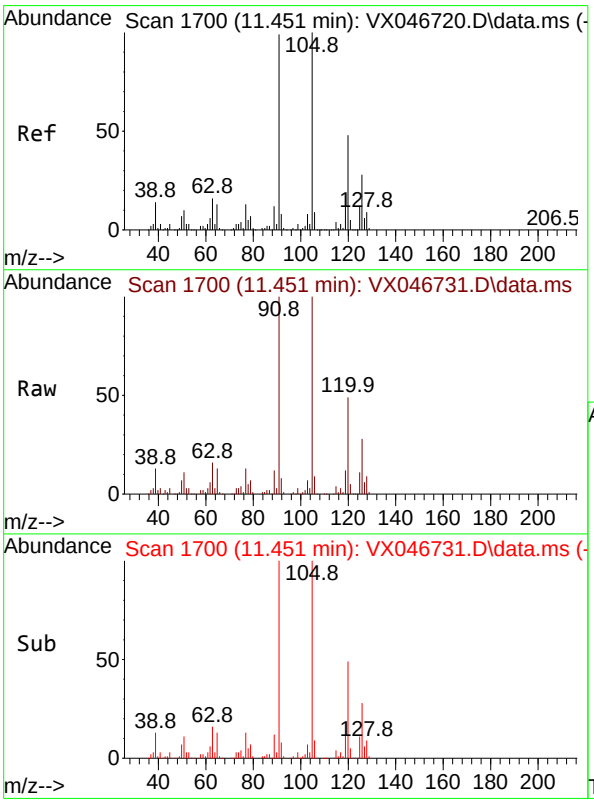
#81
trans-1,4-Dichloro-2-butene
Concen: 15.949 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 75 Resp: 12597

Ion	Ratio	Lower	Upper
75	100		
53	108.9	86.8	130.2
89	46.7	36.9	55.3

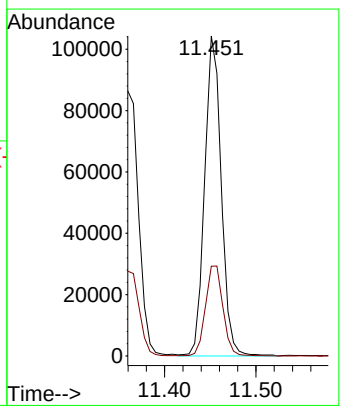


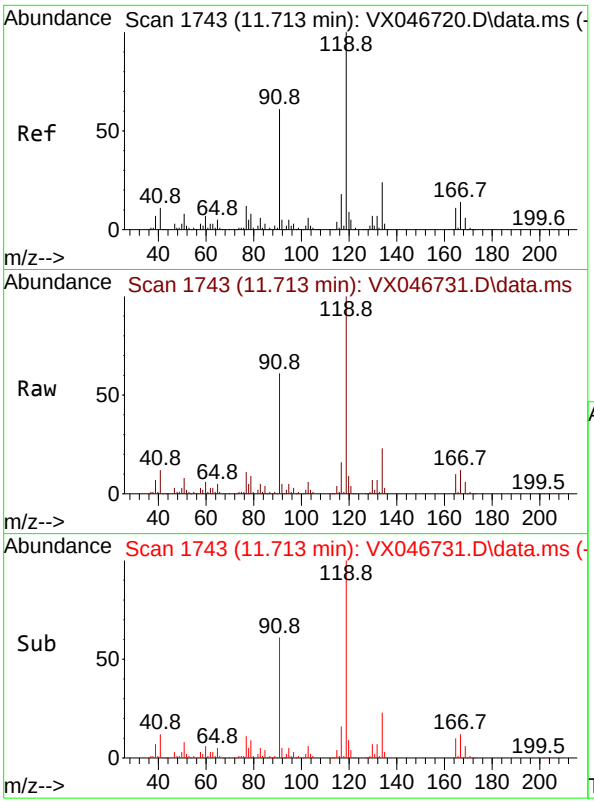


#82
4-Chlorotoluene
Concen: 17.712 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 91 Resp: 131603

Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.4	43.2



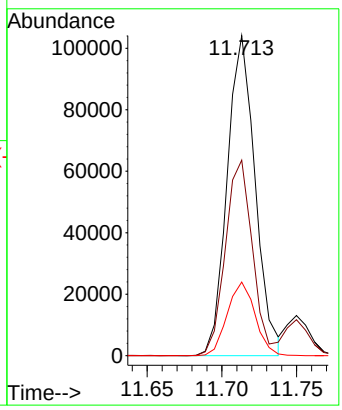


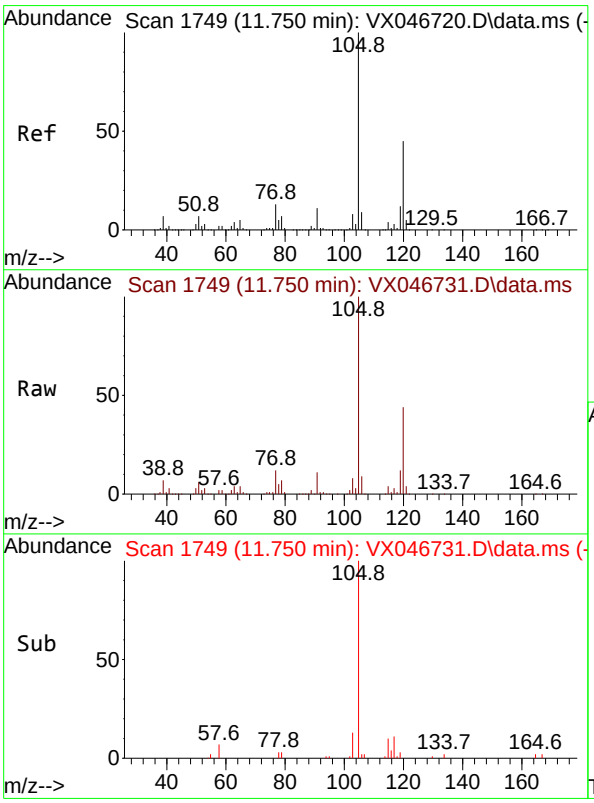
#83
tert-Butylbenzene
Concen: 17.787 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:119 Resp: 135643

Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.5	88.6
134	22.9	11.7	35.0

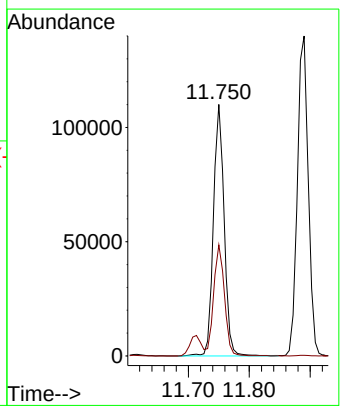


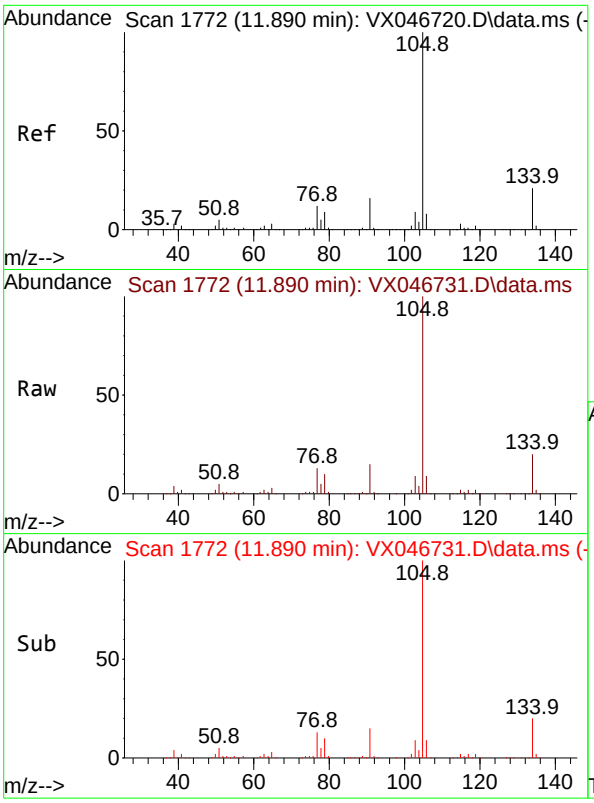


#84
1,2,4-Trimethylbenzene
Concen: 18.178 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:105 Resp: 134740

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.3



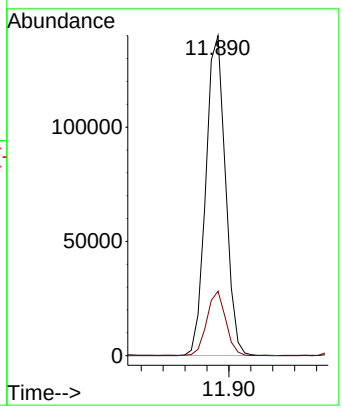


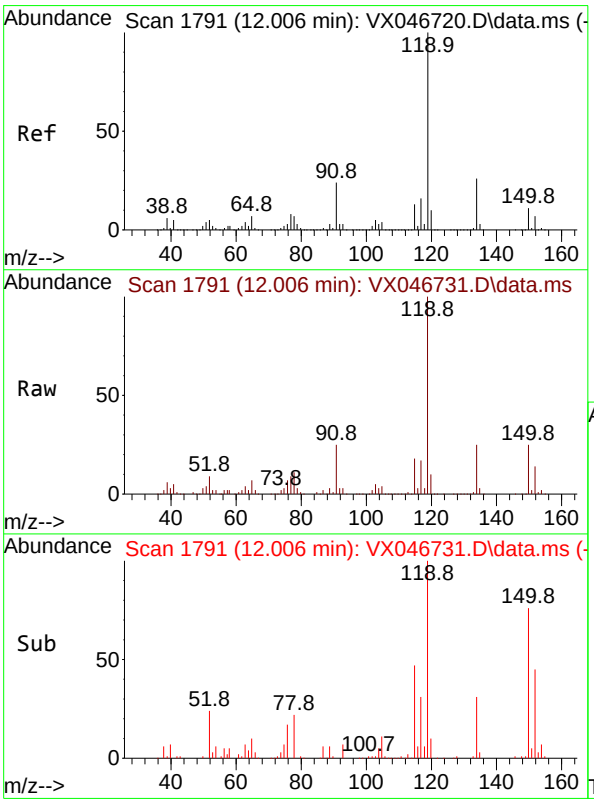
#85
sec-Butylbenzene
Concen: 18.021 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:105 Resp: 173686

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

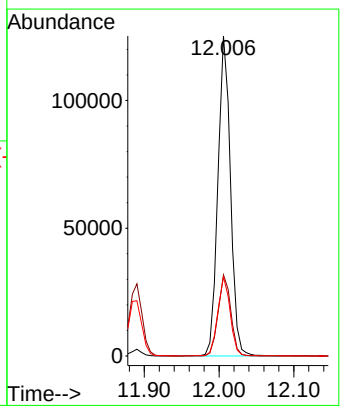


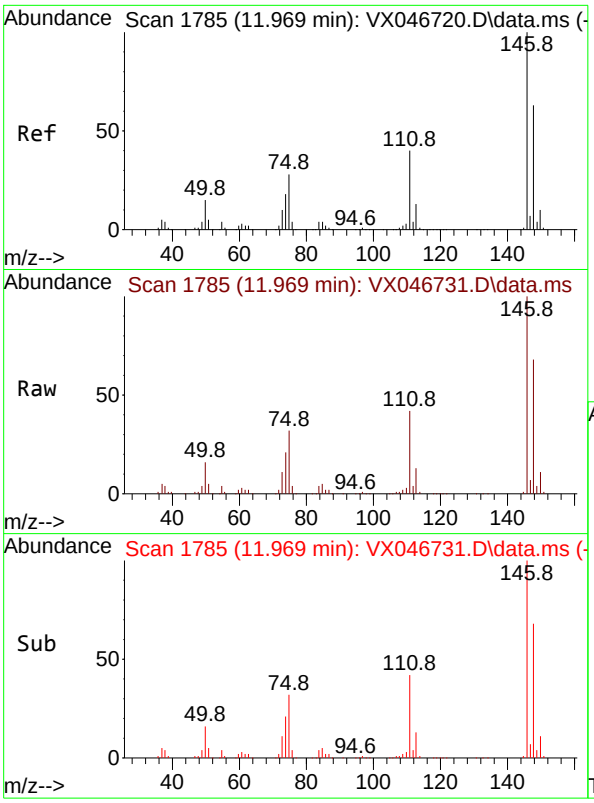


#86
p-Isopropyltoluene
Concen: 17.983 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:119 Resp: 146235

Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.7
91	24.5	12.3	36.9



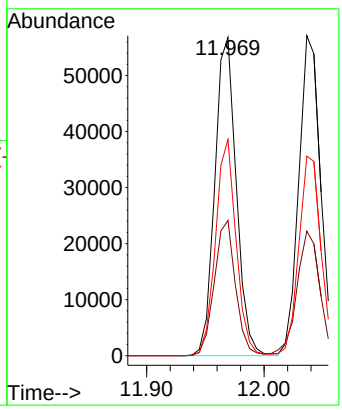


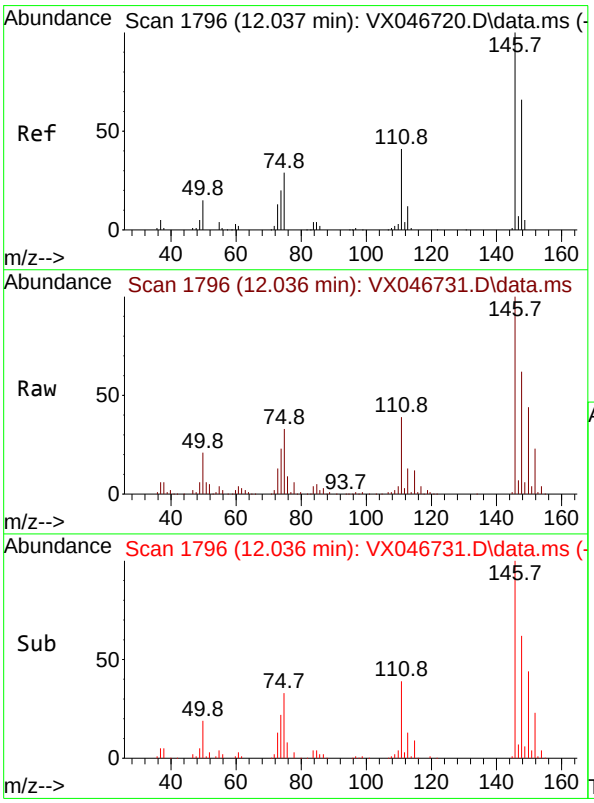
#87
1,3-Dichlorobenzene
Concen: 17.169 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:146 Resp: 72321

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.6	61.8
148	65.1	31.6	94.8

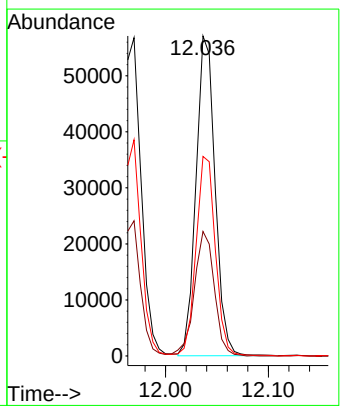


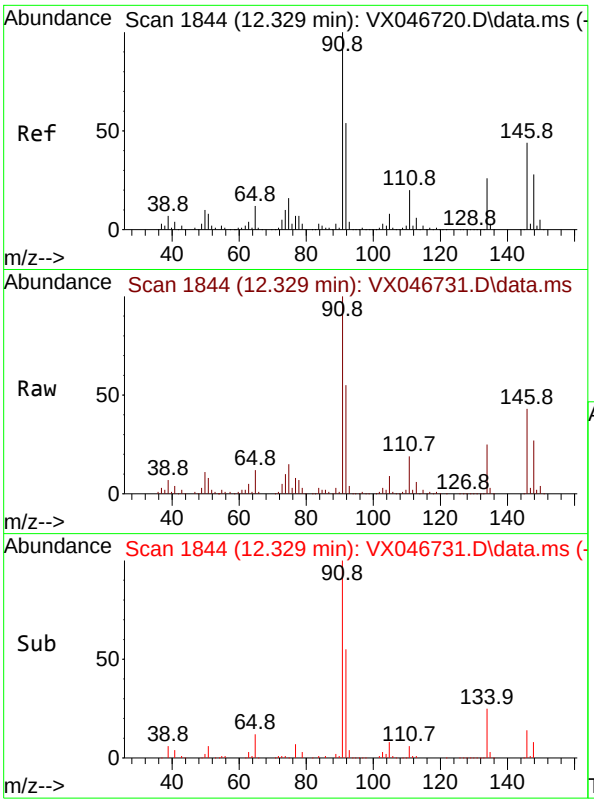


#88
1,4-Dichlorobenzene
Concen: 17.054 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:146 Resp: 73790

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	63.6	32.1	96.5



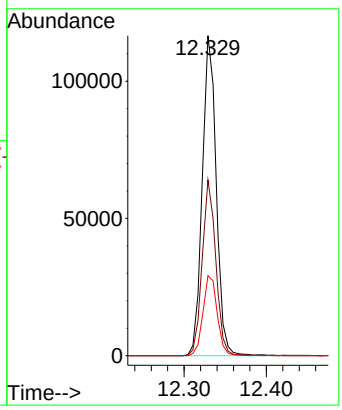


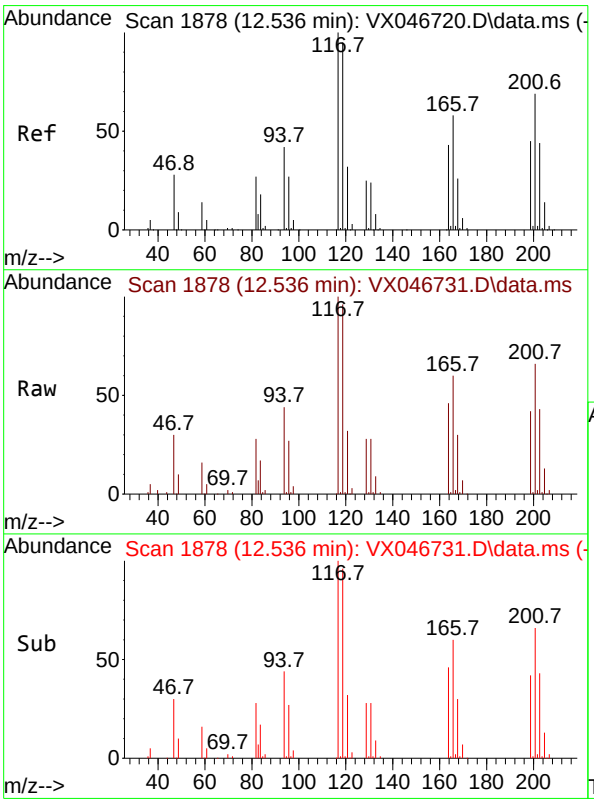
#89
n-Butylbenzene
Concen: 17.787 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 91 Resp: 137335

Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.1	81.3
134	25.6	12.9	38.6

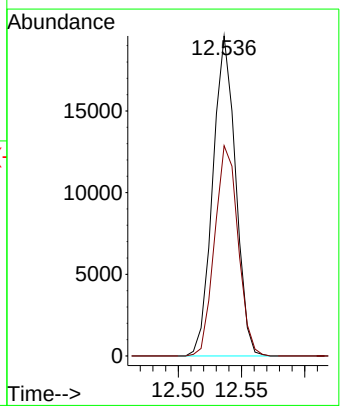


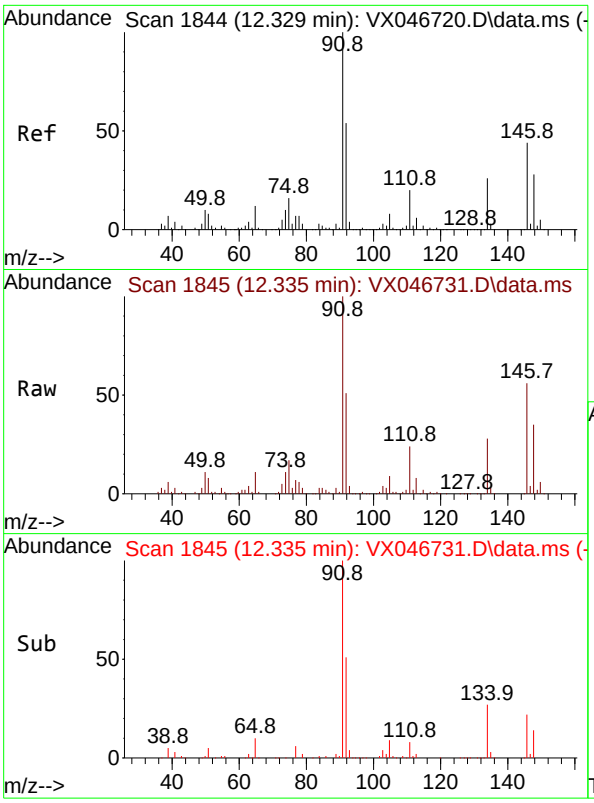


#90
Hexachloroethane
Concen: 17.233 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:117 Resp: 24540

Ion	Ratio	Lower	Upper
117	100		
201	67.5	34.4	103.3



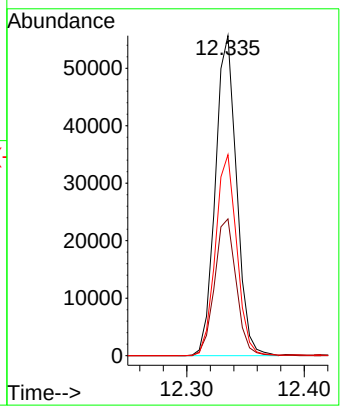


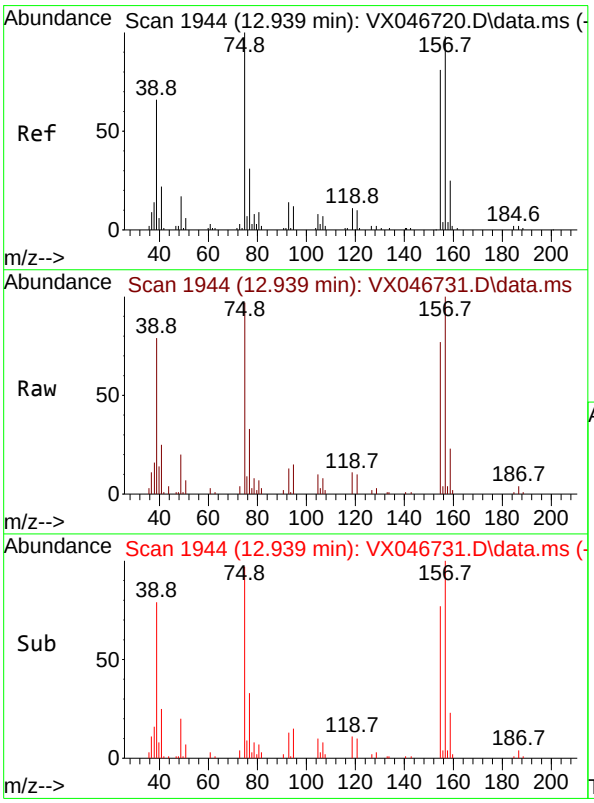
#91
1,2-Dichlorobenzene
Concen: 17.798 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:146 Resp: 70063

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.7	65.1
148	63.0	32.0	96.2

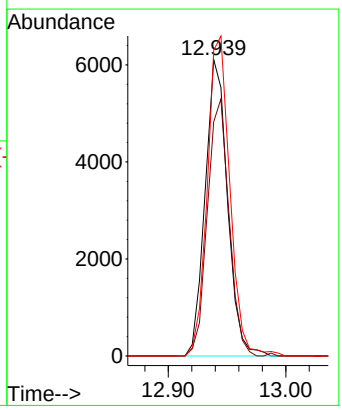


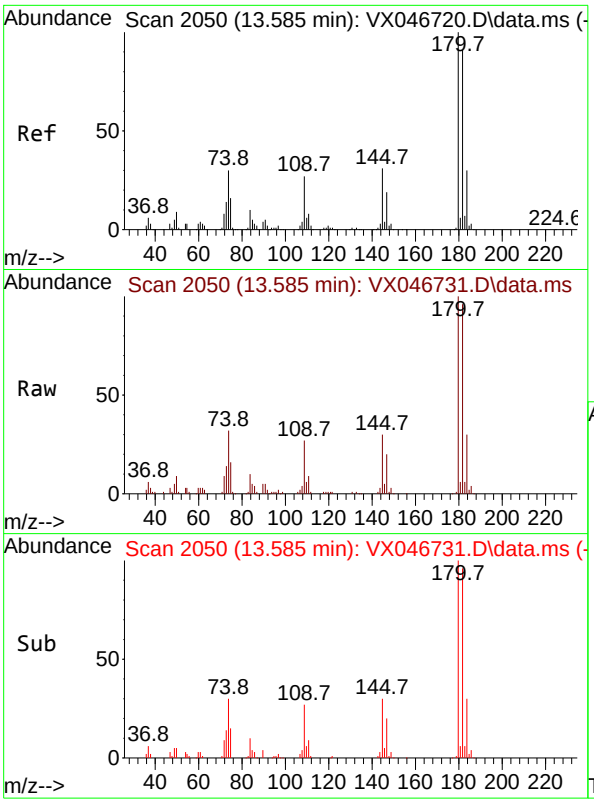


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.324 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion: 75 Resp: 8079

Ion	Ratio	Lower	Upper
75	100		
155	84.0	41.9	125.7
157	108.8	51.4	154.3



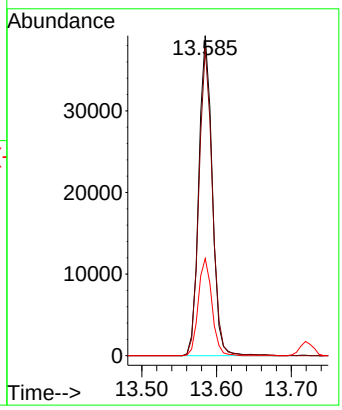


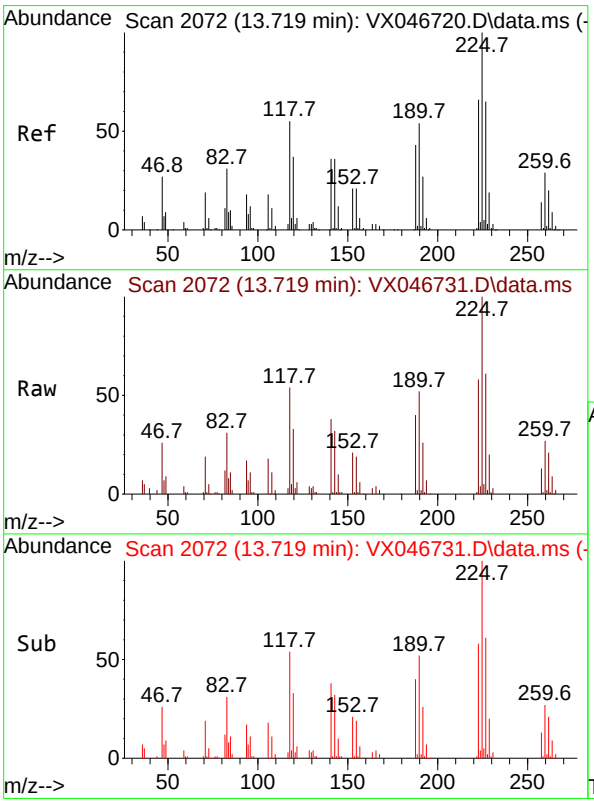
#93
1,2,4-Trichlorobenzene
Concen: 17.388 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:180 Resp: 48663

Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.7	140.1
145	30.8	15.8	47.4

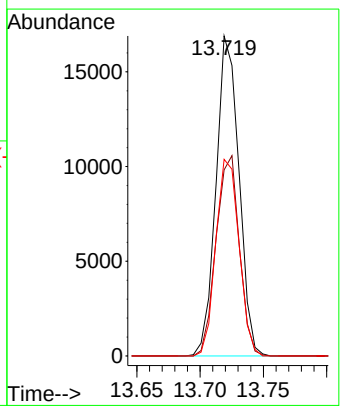


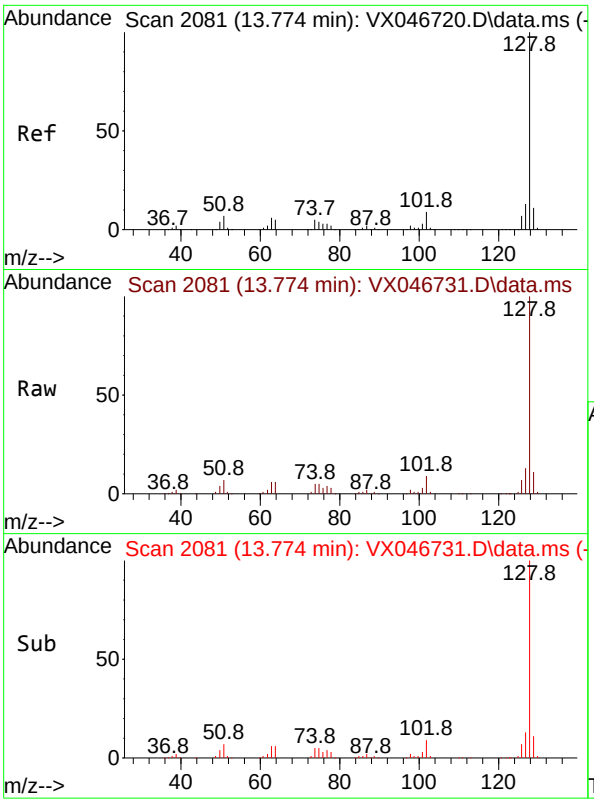


#94
Hexachlorobutadiene
Concen: 18.044 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:225 Resp: 21242

Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.5	97.5
227	62.3	32.2	96.6



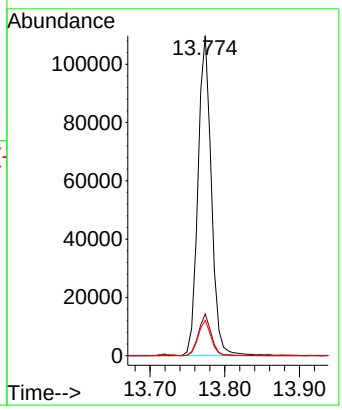


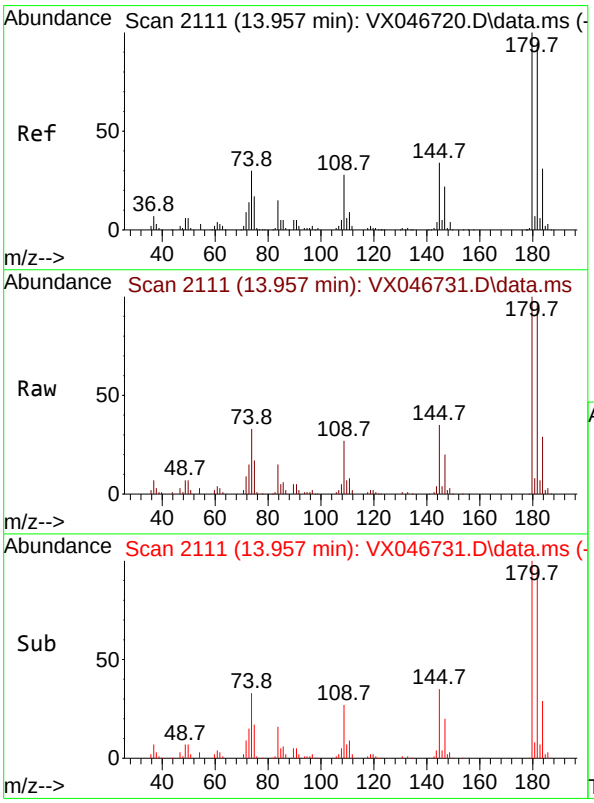
#95
Naphthalene
Concen: 17.080 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:128 Resp: 136183

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.7	8.7	13.1

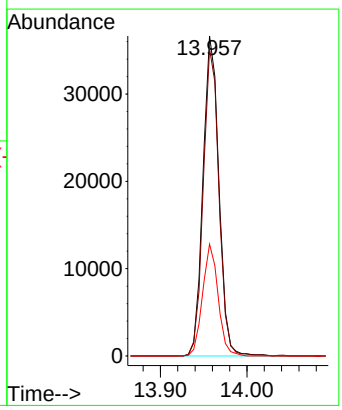




#96
1,2,3-Trichlorobenzene
Concen: 17.428 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046731.D
Acq: 18 Jun 2025 11:07

Tgt Ion:180 Resp: 46661

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.4
145	34.2	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046753.D
Acq On : 18 Jun 2025 18:58
Operator : JC/MD
Sample : Q2345-08MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Quant Time: Jun 19 01:29:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	143057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100125	50.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.200%			
35) Dibromofluoromethane	5.397	113	83040	52.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.160%			
50) Toluene-d8	8.653	98	294034	51.326	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	11.079	95	112496	52.679	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	76008	49.766	ug/l	99
3) Chloromethane	1.307	50	81165	49.235	ug/l	98
4) Vinyl Chloride	1.386	62	88213	50.179	ug/l	96
5) Bromomethane	1.624	94	51420	51.989	ug/l	97
6) Chloroethane	1.703	64	53067	49.805	ug/l	99
7) Trichlorofluoromethane	1.904	101	131050	49.095	ug/l	99
8) Diethyl Ether	2.148	74	45738	49.928	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	79258	48.400	ug/l	98
10) Methyl Iodide	2.471	142	86957	43.078	ug/l	99
11) Tert butyl alcohol	2.959	59	32255	181.614	ug/l	100
12) 1,1-Dichloroethene	2.337	96	79512	50.320	ug/l	96
13) Acrolein	2.245	56	50890	196.722	ug/l	98
14) Allyl chloride	2.678	41	136995	47.851	ug/l	99
15) Acrylonitrile	3.075	53	184725	231.310	ug/l	99
16) Acetone	2.386	43	137459	208.316	ug/l	99
17) Carbon Disulfide	2.532	76	220641	46.240	ug/l	99
18) Methyl Acetate	2.715	43	74547	44.481	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	226770	46.091	ug/l	100
20) Methylene Chloride	2.800	84	87325	47.587	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	82513	48.802	ug/l	97
22) Diisopropyl ether	3.769	45	275002	49.974	ug/l	99
23) Vinyl Acetate	3.733	43	1000170	228.560	ug/l	100
24) 1,1-Dichloroethane	3.623	63	151111	48.365	ug/l	98
25) 2-Butanone	4.562	43	209888	224.903	ug/l	97
26) 2,2-Dichloropropane	4.489	77	95144	41.752	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	96805	48.734	ug/l	98
28) Bromochloromethane	4.910	49	75384	53.219	ug/l	100
29) Tetrahydrofuran	5.013	42	139690	231.740	ug/l	98
30) Chloroform	5.105	83	154343	49.396	ug/l	95
31) Cyclohexane	5.483	56	139222	46.988	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	130295	47.547	ug/l	99
36) 1,1-Dichloropropene	5.708	75	107903	46.878	ug/l	99
37) Ethyl Acetate	4.721	43	88092	41.462	ug/l	97
38) Carbon Tetrachloride	5.690	117	114481	45.829	ug/l	97
39) Methylcyclohexane	7.385	83	138147	45.609	ug/l	97
40) Benzene	6.043	78	326964	47.998	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046753.D
Acq On : 18 Jun 2025 18:58
Operator : JC/MD
Sample : Q2345-08MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Quant Time: Jun 19 01:29:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	56237	49.649	ug/l		93
42) 1,2-Dichloroethane	6.092	62	112027	46.799	ug/l		99
43) Isopropyl Acetate	6.342	43	145020	43.619	ug/l		100
44) Trichloroethene	7.129	130	81750	47.090	ug/l		99
45) 1,2-Dichloropropane	7.433	63	80645	47.769	ug/l		95
46) Dibromomethane	7.586	93	57324	47.246	ug/l		99
47) Bromodichloromethane	7.824	83	118579	47.892	ug/l		99
48) Methyl methacrylate	7.696	41	79176	47.484	ug/l		99
49) 1,4-Dioxane	7.659	88	17262	719.791	ug/l		94
51) 4-Methyl-2-Pentanone	8.574	43	455997	229.964	ug/l		99
52) Toluene	8.720	92	203758	48.249	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	106926	46.544	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	119567	45.847	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	74068	47.065	ug/l		98
56) Ethyl methacrylate	9.116	69	109702	47.221	ug/l		99
57) 1,3-Dichloropropane	9.305	76	129477	47.775	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.171	63	361	0.299	ug/l	#	46
59) 2-Hexanone	9.427	43	307148	224.056	ug/l		100
60) Dibromochloromethane	9.518	129	88044	47.473	ug/l		99
61) 1,2-Dibromoethane	9.610	107	76228	47.618	ug/l		99
64) Tetrachloroethene	9.275	164	66644	44.627	ug/l		99
65) Chlorobenzene	10.079	112	222717	46.808	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	74860	46.814	ug/l		99
67) Ethyl Benzene	10.195	91	387344	46.592	ug/l		99
68) m/p-Xylenes	10.299	106	294272	94.996	ug/l		99
69) o-Xylene	10.640	106	140037	48.237	ug/l		98
70) Styrene	10.652	104	242311	47.694	ug/l		99
71) Bromoform	10.799	173	54530	44.776	ug/l	#	98
73) Isopropylbenzene	10.957	105	373743	47.134	ug/l		100
74) N-amyl acetate	10.841	43	129233	43.017	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101482	45.835	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	106418	53.968	ug/l		93
77) Bromobenzene	11.195	156	88274	46.262	ug/l		97
78) n-propylbenzene	11.305	91	441193	46.845	ug/l		100
79) 2-Chlorotoluene	11.360	91	259099	46.077	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	304450	46.723	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	28127	40.319	ug/l		100
82) 4-Chlorotoluene	11.451	91	298520	45.488	ug/l		99
83) tert-Butylbenzene	11.713	119	311816	46.294	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	300943	45.969	ug/l		100
85) sec-Butylbenzene	11.890	105	395643	46.478	ug/l		99
86) p-Isopropyltoluene	12.006	119	327245	45.563	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	164088	44.104	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	165148	43.216	ug/l		99
89) n-Butylbenzene	12.329	91	308237	45.200	ug/l		100
90) Hexachloroethane	12.536	117	56259	44.731	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	159052	45.747	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18614	42.584	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	108363	43.840	ug/l		98
94) Hexachlorobutadiene	13.719	225	45456	43.717	ug/l		99
95) Naphthalene	13.774	128	315902	44.859	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	106849	45.185	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046753.D
Acq On : 18 Jun 2025 18:58
Operator : JC/MD
Sample : Q2345-08MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Quant Time: Jun 19 01:29:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

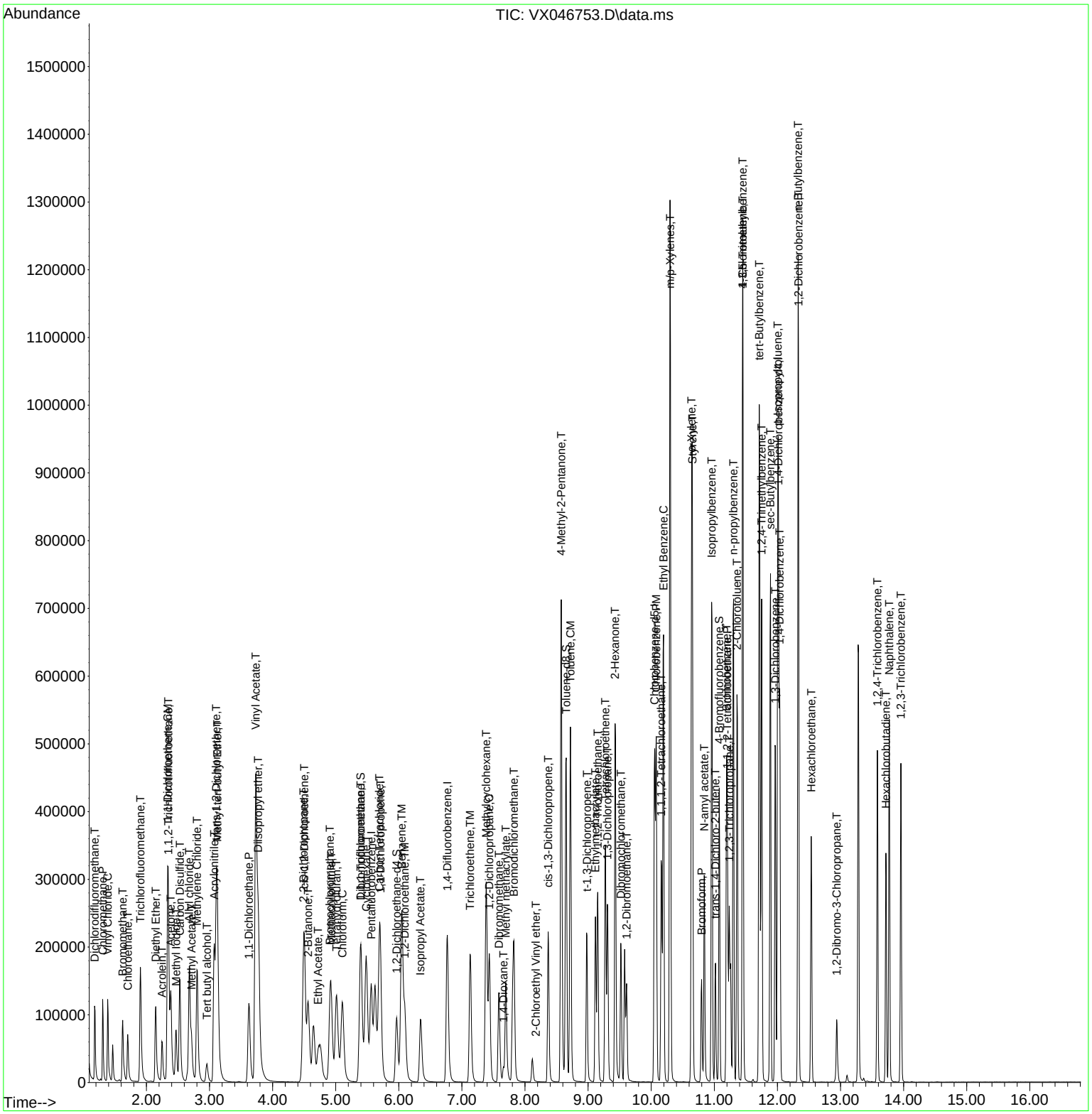
(#) = qualifier out of range (m) = manual integration (+) = signals summed

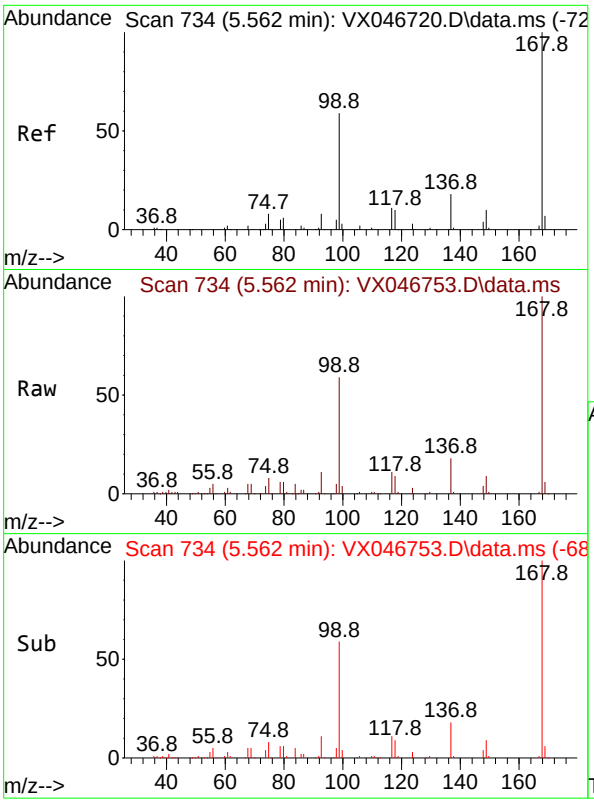
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046753.D
Acq On : 18 Jun 2025 18:58
Operator : JC/MD
Sample : Q2345-08MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Quant Time: Jun 19 01:29:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



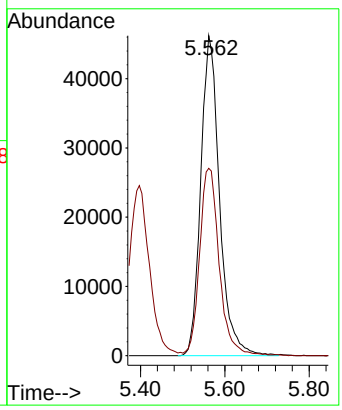


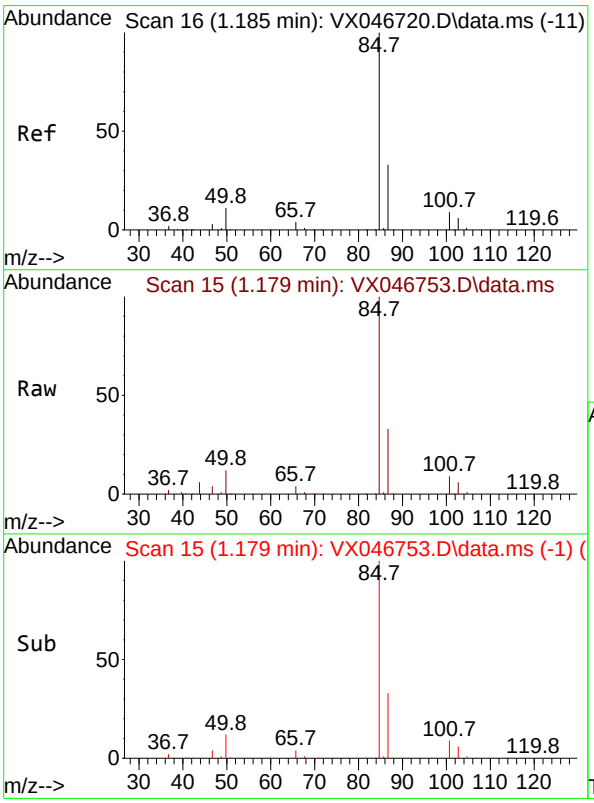
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:168 Resp: 143057

Ion	Ratio	Lower	Upper
168	100		
99	58.3	48.5	72.7

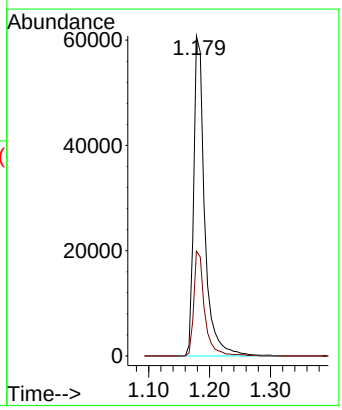


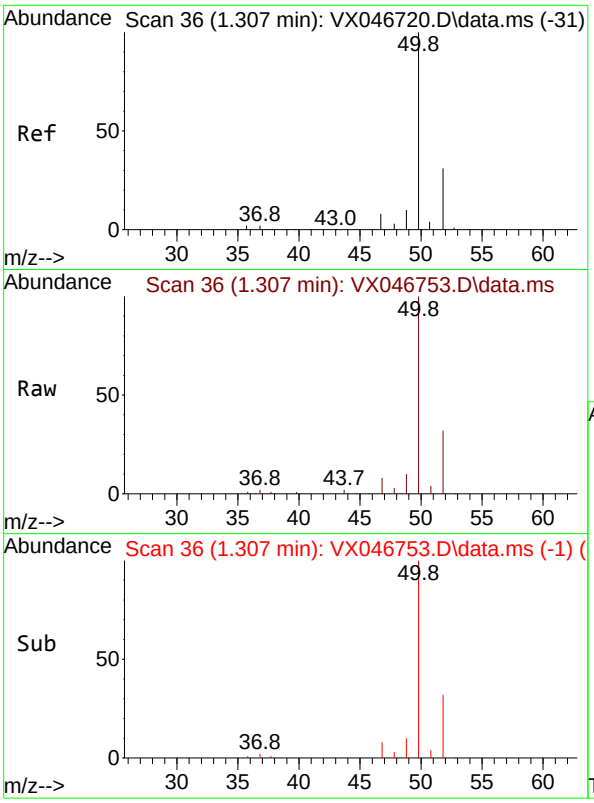


#2
Dichlorodifluoromethane
Concen: 49.766 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 85 Resp: 76008

Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.6	49.8



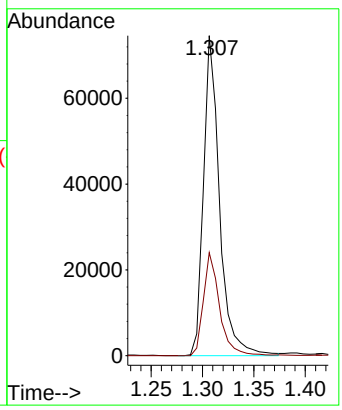


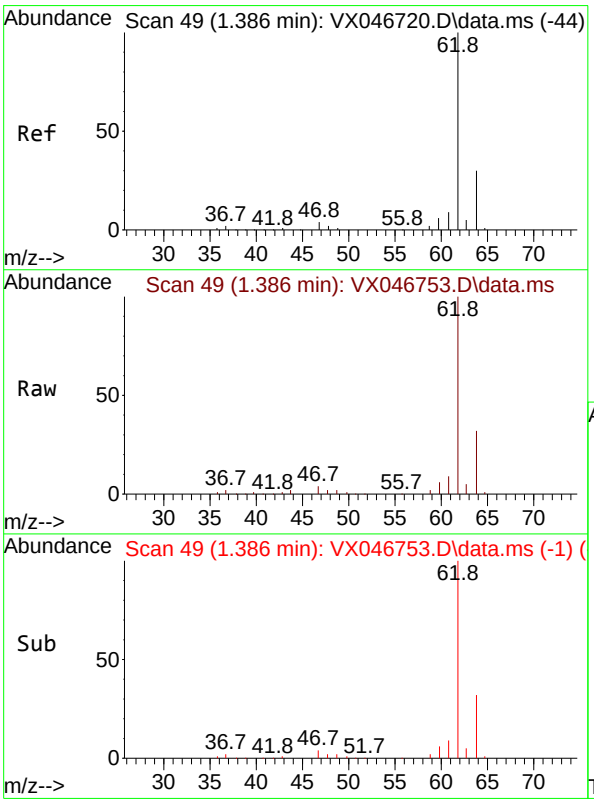
#3
Chloromethane
Concen: 49.235 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 50 Resp: 81165

Ion	Ratio	Lower	Upper
50	100		
52	32.2	24.9	37.3

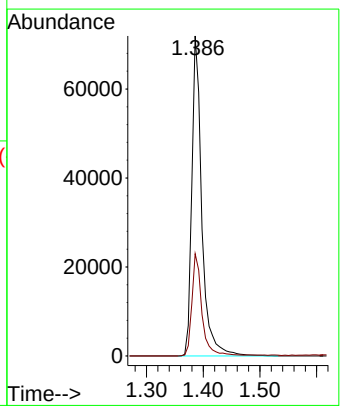


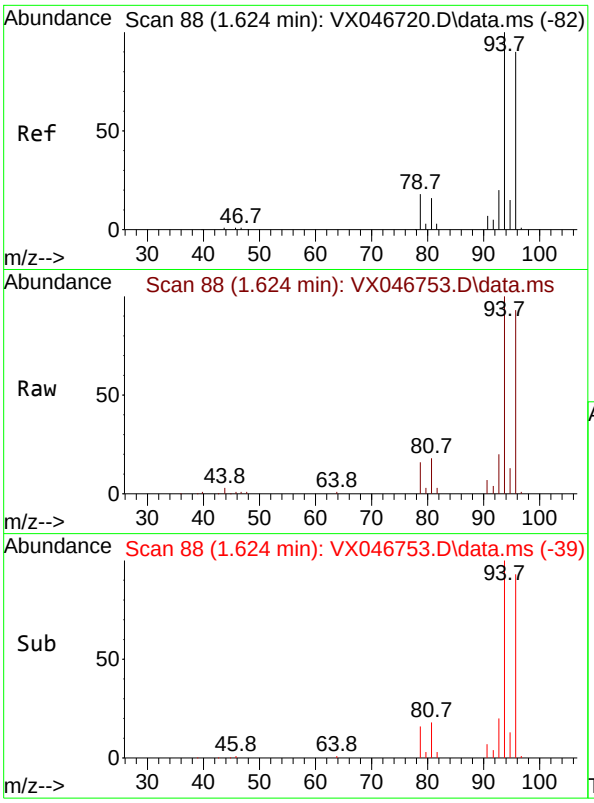


#4
Vinyl Chloride
Concen: 50.179 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 62 Resp: 88213

Ion	Ratio	Lower	Upper
62	100		
64	32.0	23.9	35.9



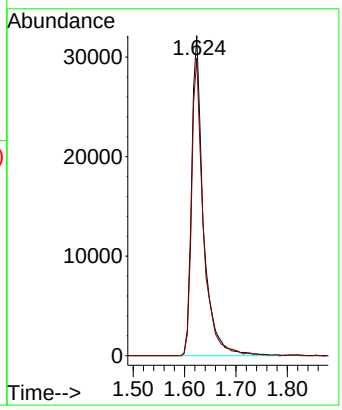


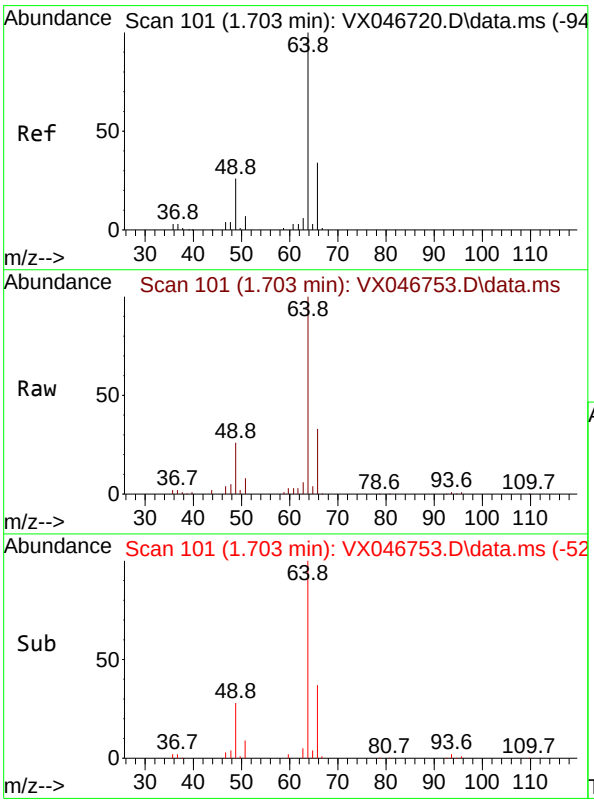
#5
Bromomethane
Concen: 51.989 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 94 Resp: 51420

Ion	Ratio	Lower	Upper
94	100		
96	93.0	72.3	108.5

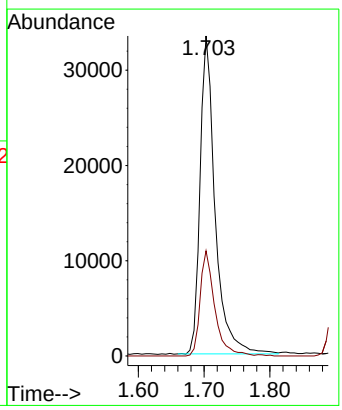


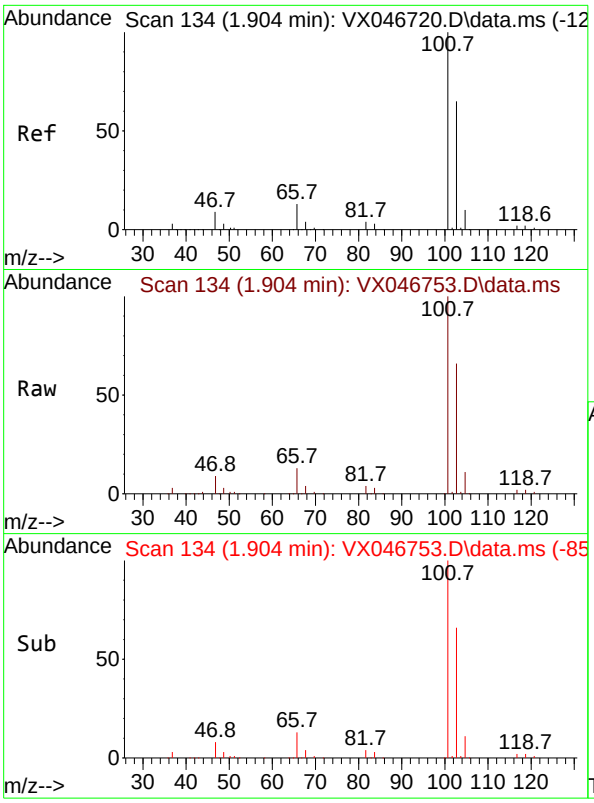


#6
Chloroethane
Concen: 49.805 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 64 Resp: 53067

Ion	Ratio	Lower	Upper
64	100		
66	33.1	27.1	40.7



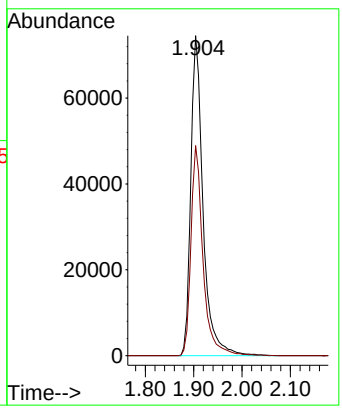


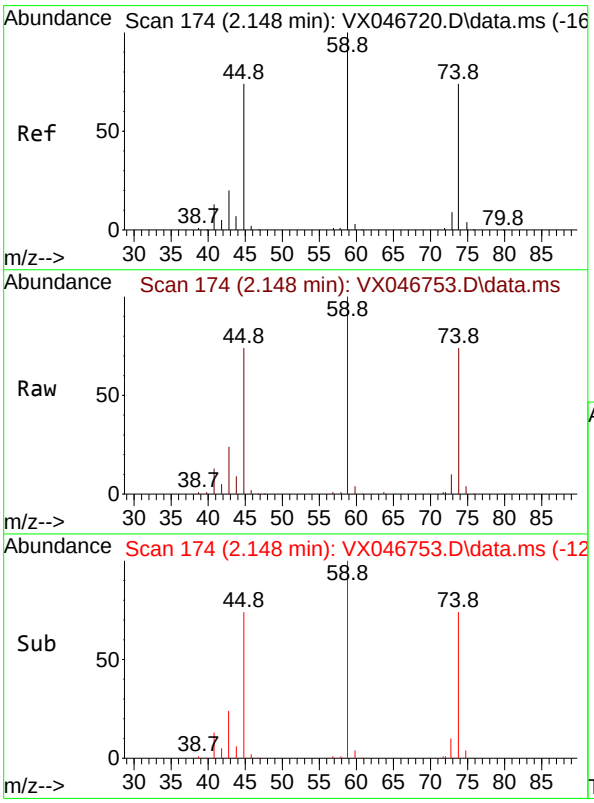
#7
Trichlorofluoromethane
Concen: 49.095 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:101 Resp: 131050

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.8	77.8

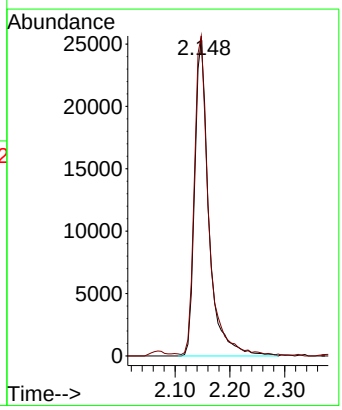


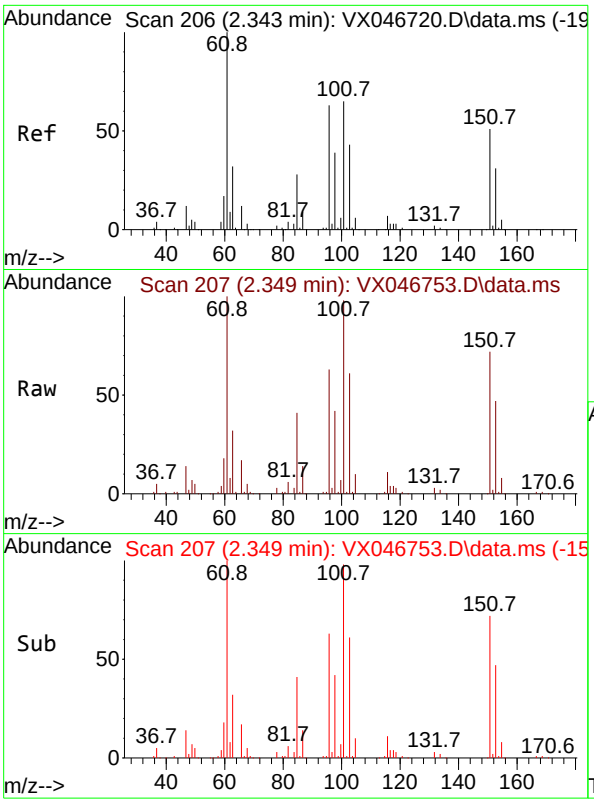


#8
Diethyl Ether
Concen: 49.928 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 74 Resp: 45738

Ion	Ratio	Lower	Upper
74	100		
45	102.8	52.3	157.1



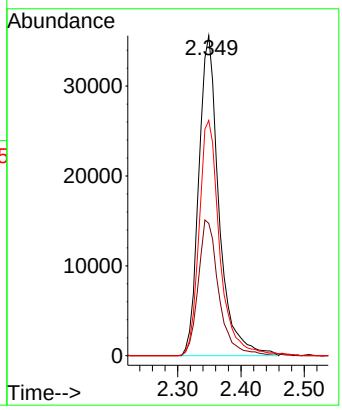


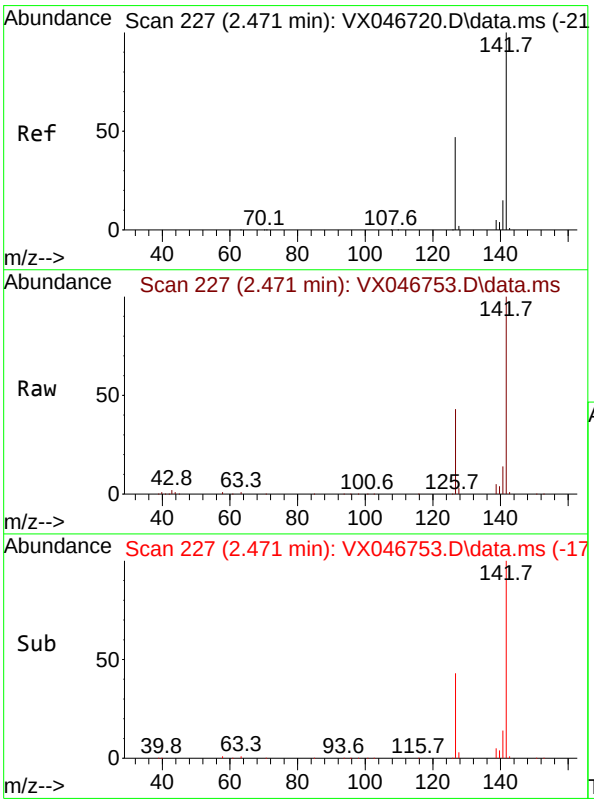
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.400 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:101 Resp: 79258

Ion	Ratio	Lower	Upper
101	100		
85	43.1	35.4	53.0
151	75.3	61.2	91.8

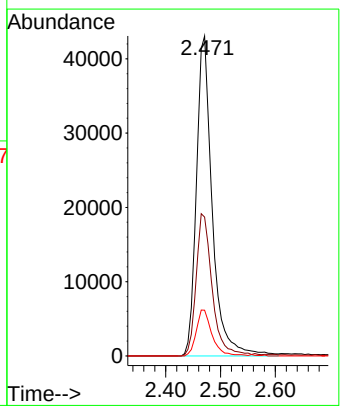


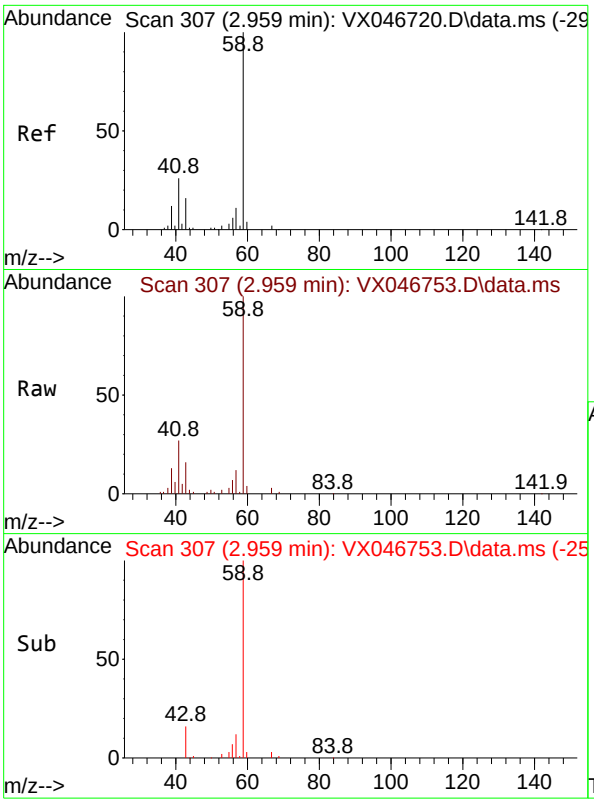


#10
Methyl Iodide
Concen: 43.078 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:142 Resp: 86957

Ion	Ratio	Lower	Upper
142	100		
127	45.1	37.0	55.6
141	14.2	11.5	17.3



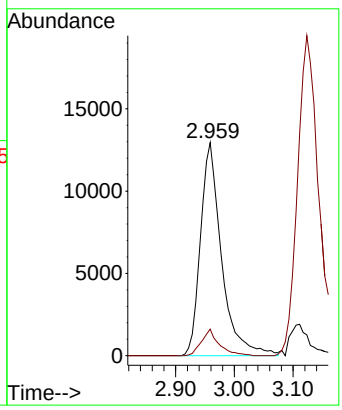


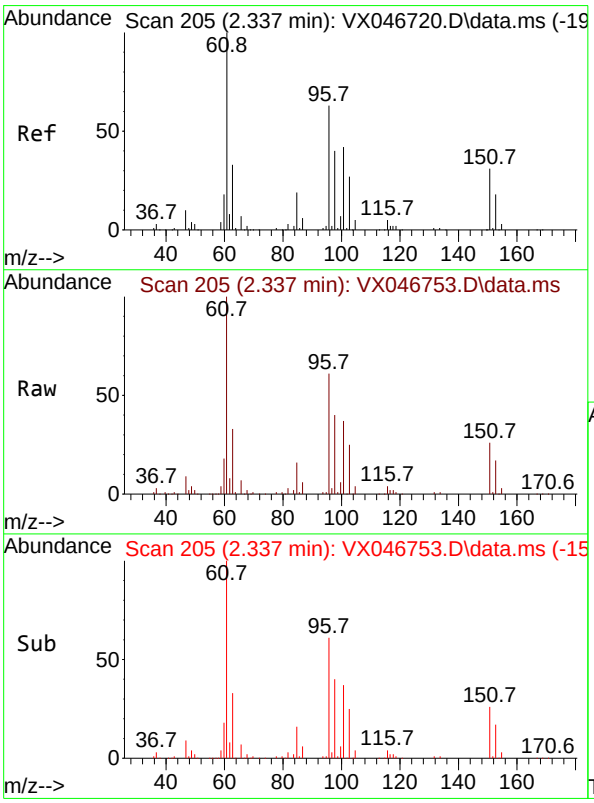
#11
Tert butyl alcohol
Concen: 181.614 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 59 Resp: 32255

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

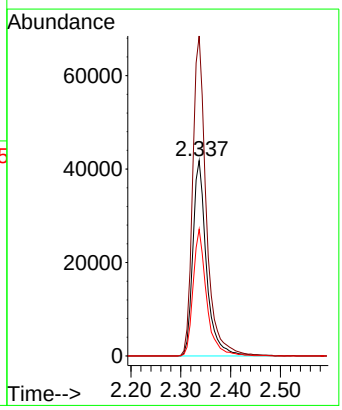


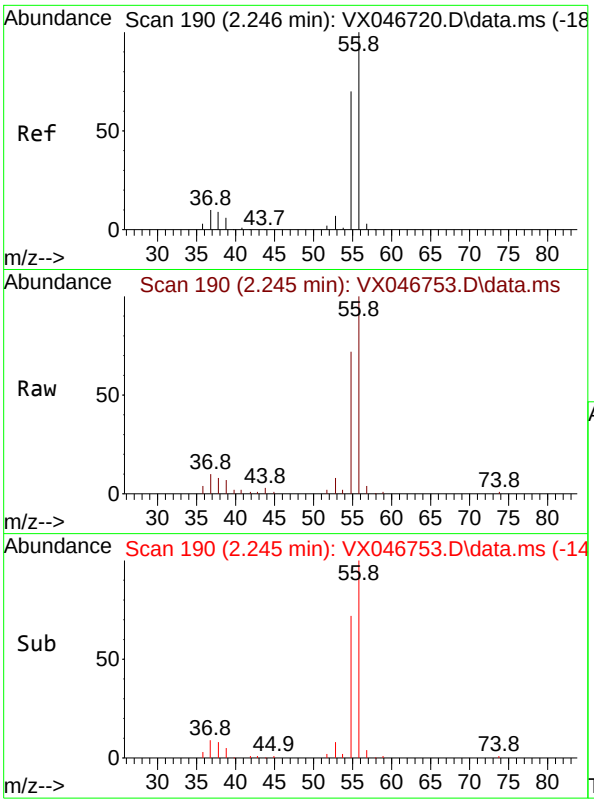


#12
1,1-Dichloroethene
Concen: 50.320 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 96 Resp: 79512

Ion	Ratio	Lower	Upper
96	100		
61	163.8	126.6	189.8
98	64.9	50.7	76.1



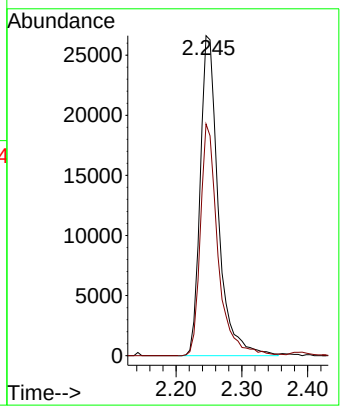


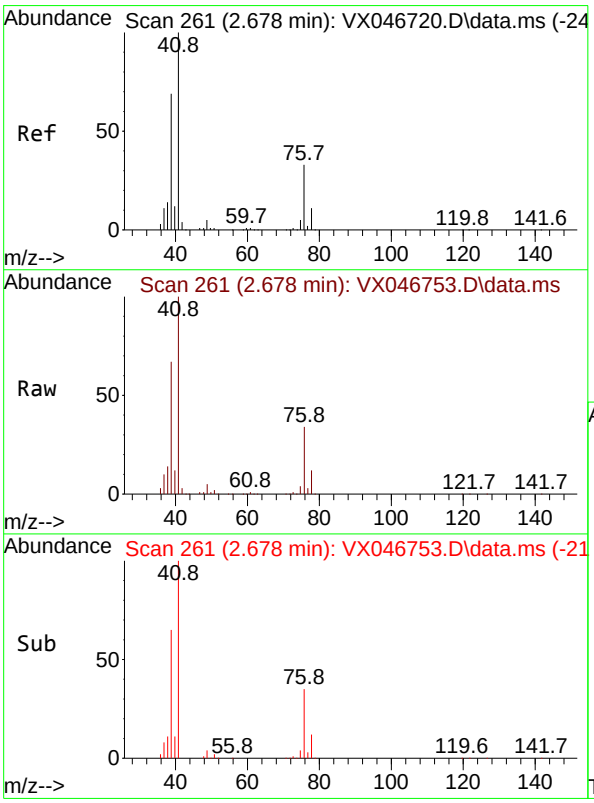
#13
Acrolein
Concen: 196.722 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 56 Resp: 50890

Ion	Ratio	Lower	Upper
56	100		
55	70.5	55.2	82.8

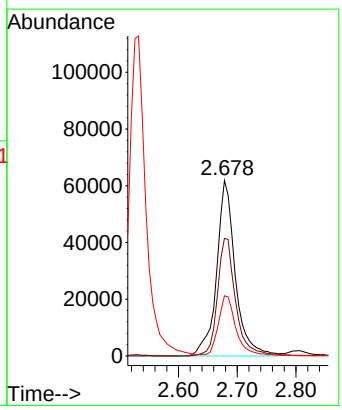


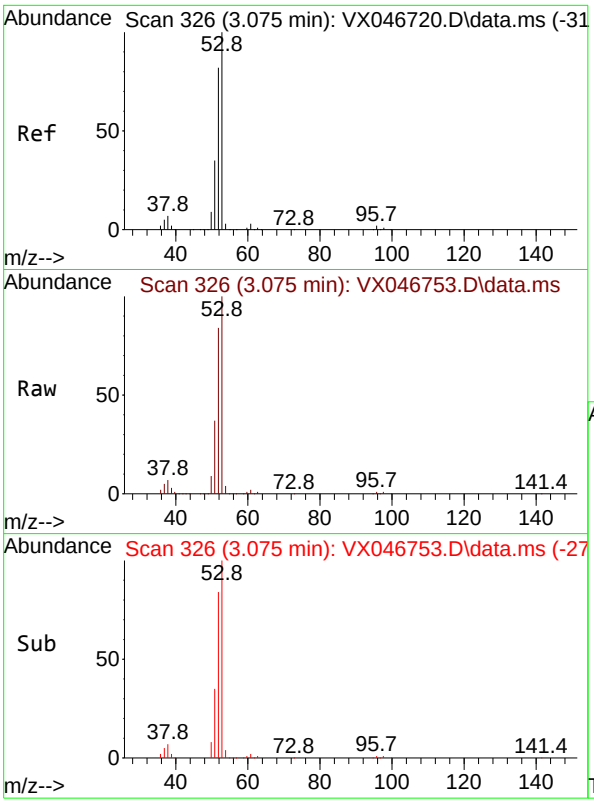


#14
Allyl chloride
Concen: 47.851 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 41 Resp: 136995

Ion	Ratio	Lower	Upper
41	100		
39	65.8	53.6	80.4
76	32.9	26.8	40.2



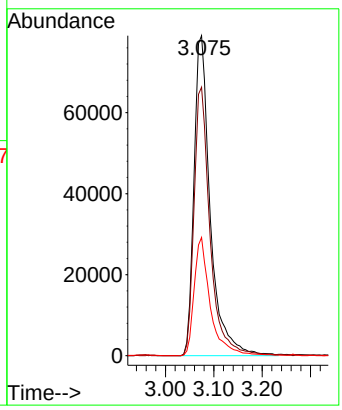


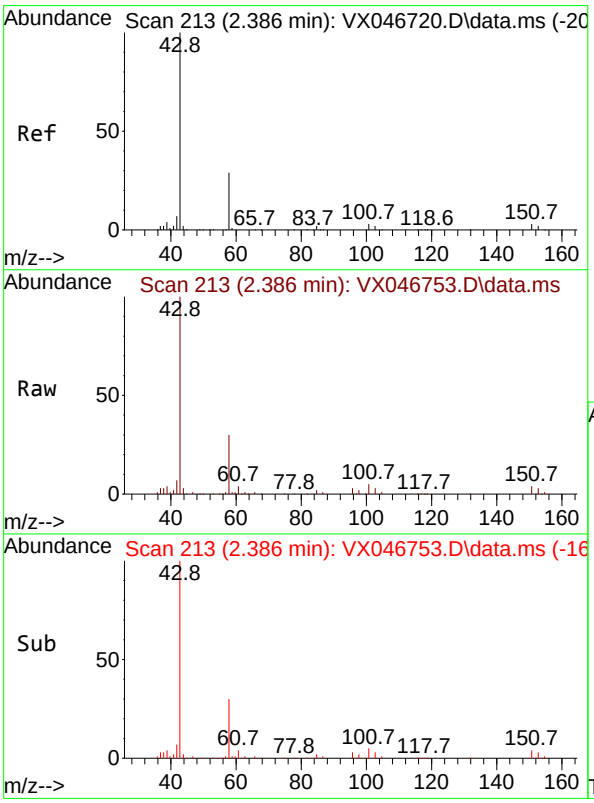
#15
Acrylonitrile
Concen: 231.310 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 53 Resp: 184725

Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.1	97.7
51	36.8	28.9	43.3

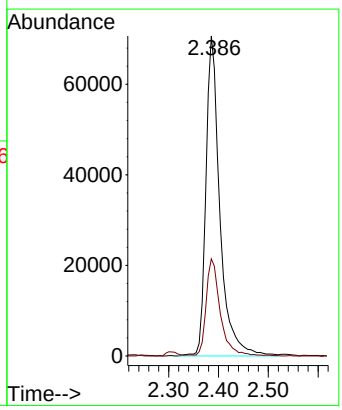


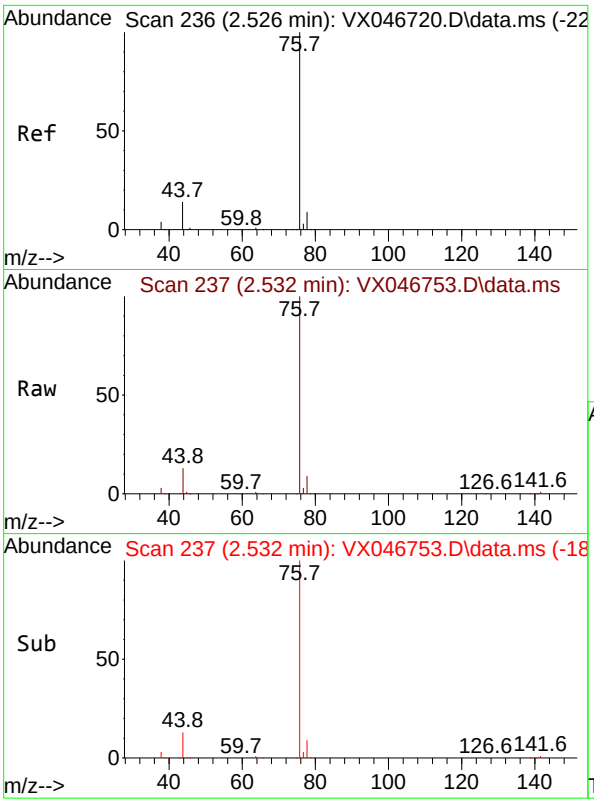


#16
Acetone
Concen: 208.316 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 43 Resp: 137459

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.5	36.7



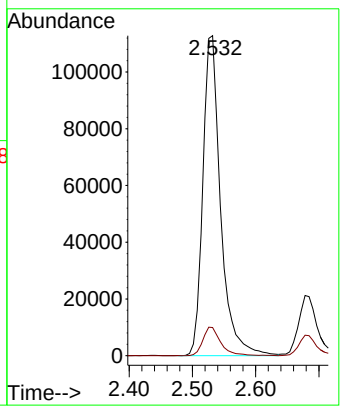


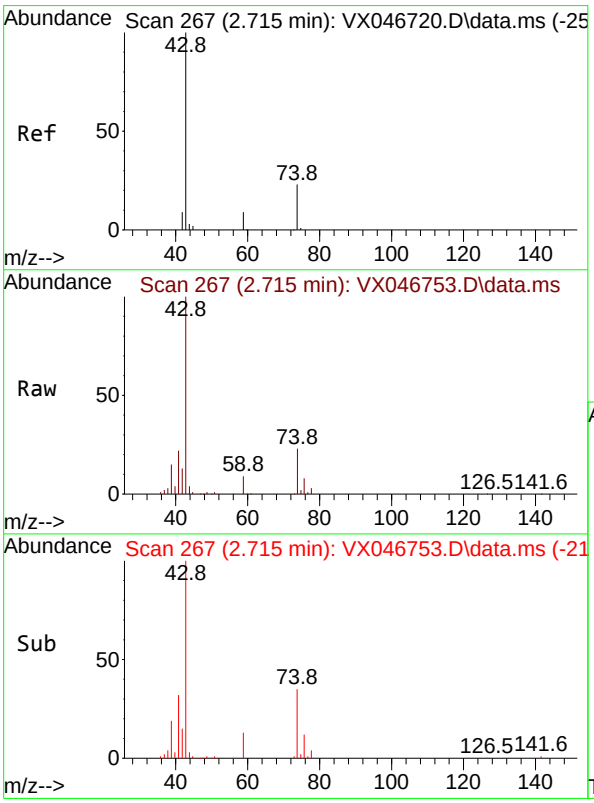
#17
Carbon Disulfide
Concen: 46.240 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 76 Resp: 220641

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

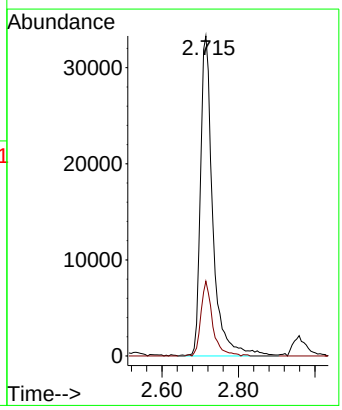


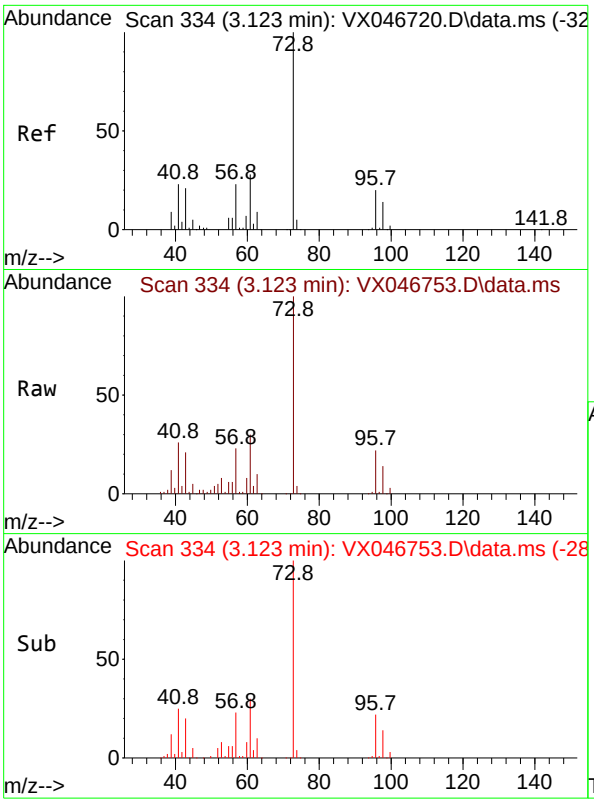


#18
Methyl Acetate
Concen: 44.481 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 43 Resp: 74547

Ion	Ratio	Lower	Upper
43	100		
74	22.0	18.4	27.6



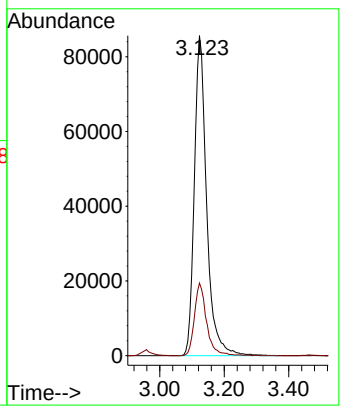


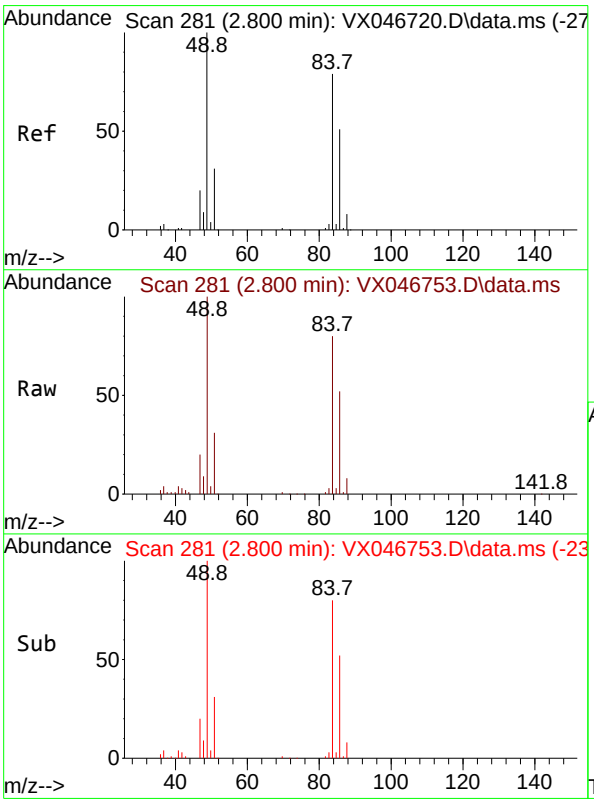
#19
Methyl tert-butyl Ether
Concen: 46.091 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 73 Resp: 226770

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.2	27.2

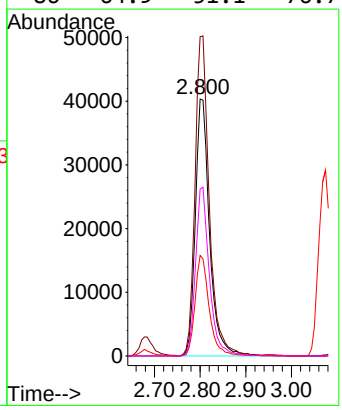


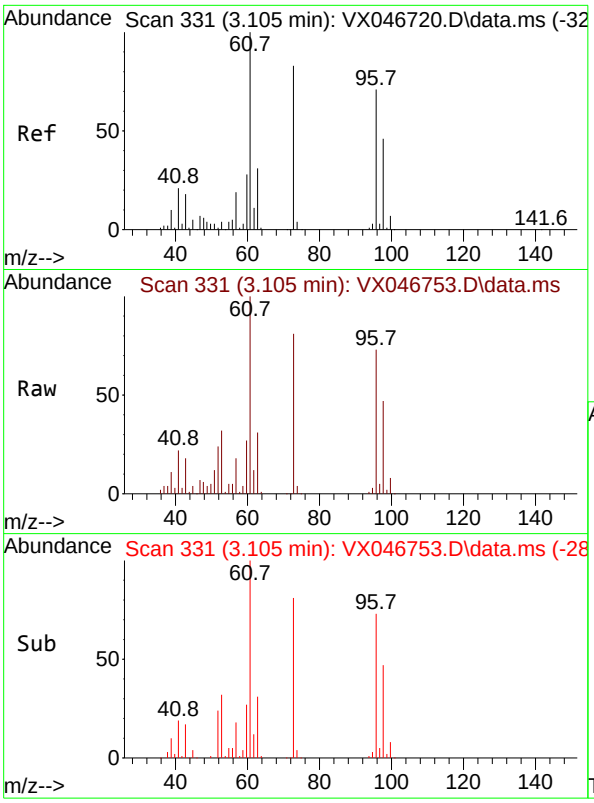


#20
Methylene Chloride
Concen: 47.587 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 84 Resp: 87325

Ion	Ratio	Lower	Upper
84	100		
49	124.3	101.3	151.9
51	39.1	31.0	46.6
86	64.9	51.1	76.7



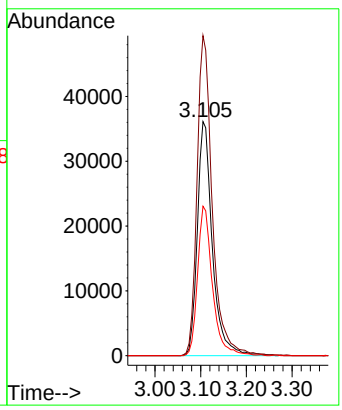


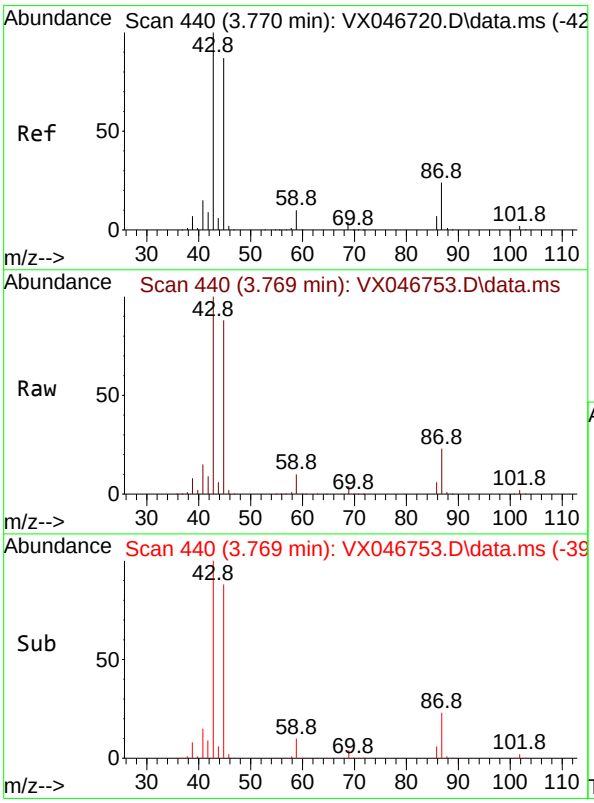
#21
trans-1,2-Dichloroethene
Concen: 48.802 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 96 Resp: 82513

Ion	Ratio	Lower	Upper
96	100		
61	136.7	112.5	168.7
98	63.8	51.9	77.9

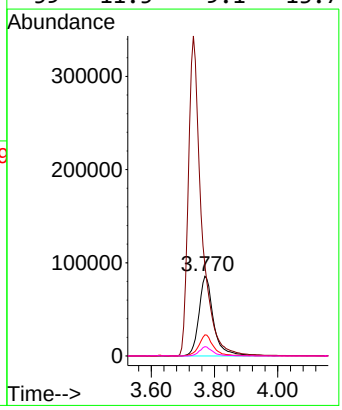


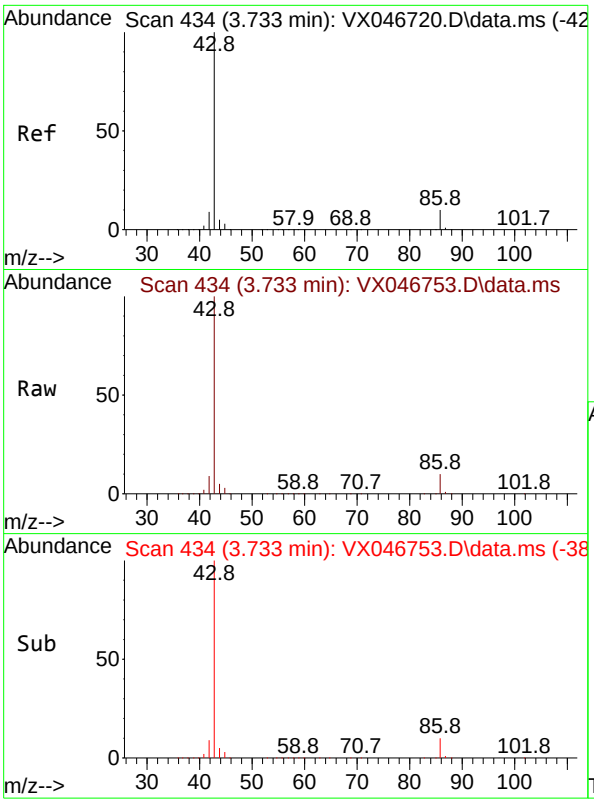


#22
Diisopropyl ether
Concen: 49.974 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 45 Resp: 275002

Ion	Ratio	Lower	Upper
45	100		
43	113.3	91.9	137.9
87	26.6	22.0	33.0
59	11.5	9.1	13.7



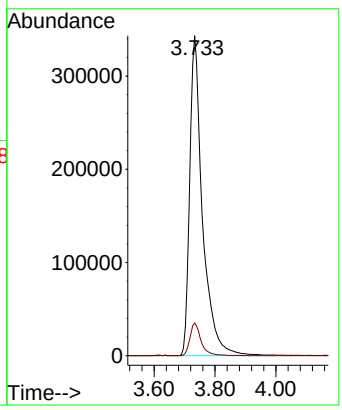


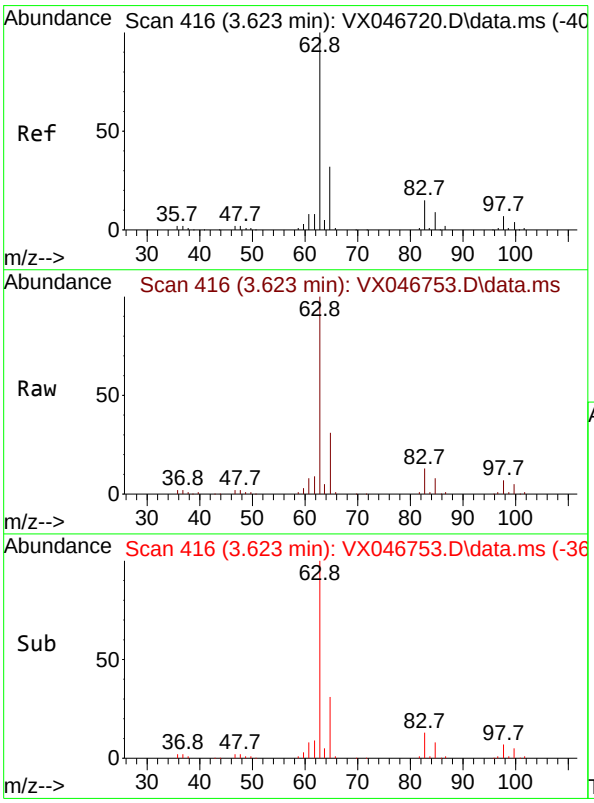
#23
Vinyl Acetate
Concen: 228.560 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 43 Resp: 1000170

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

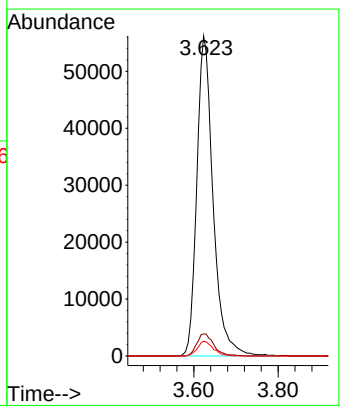


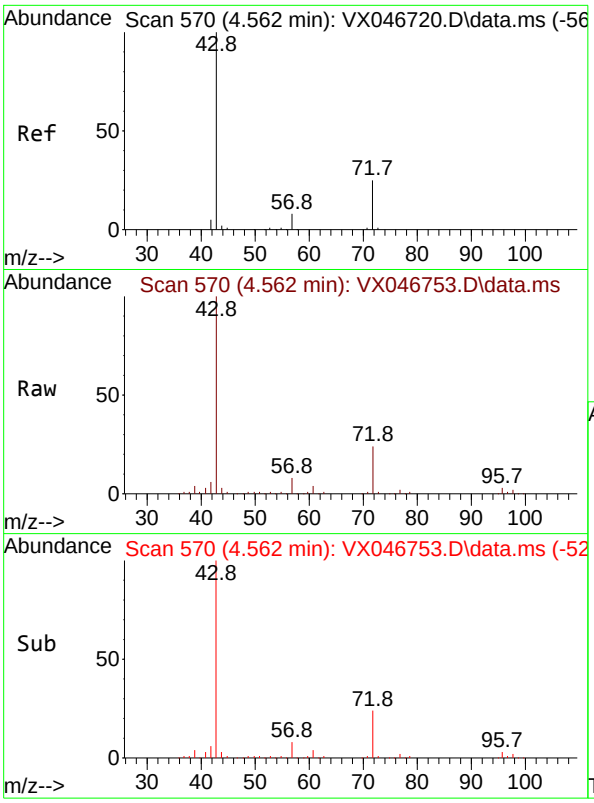


#24
1,1-Dichloroethane
Concen: 48.365 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 63 Resp: 151111

Ion	Ratio	Lower	Upper
63	100		
98	6.9	4.0	11.9
100	4.6	2.2	6.6



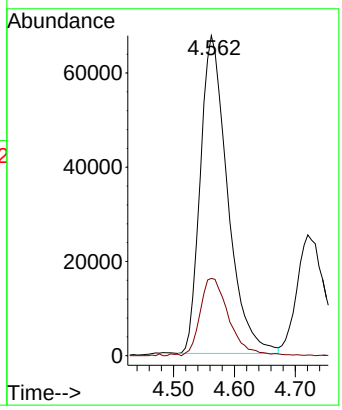


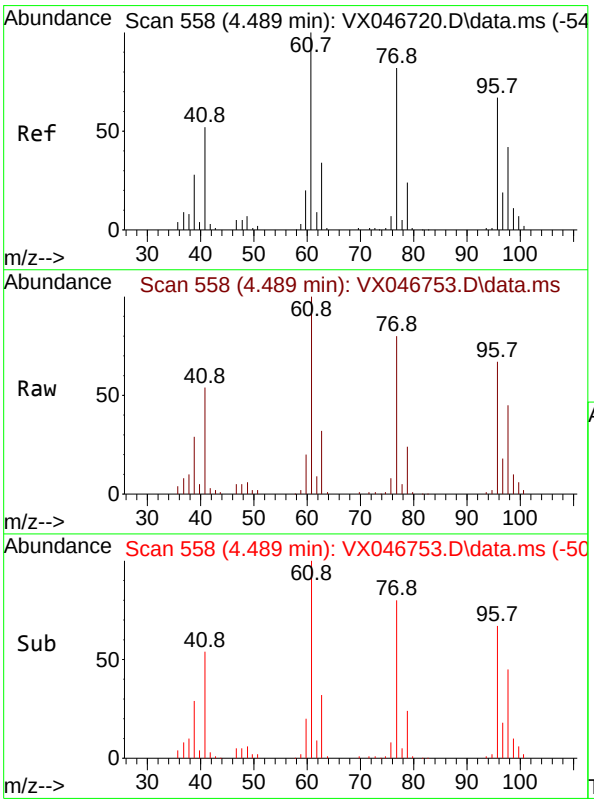
#25
2-Butanone
Concen: 224.903 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 43 Resp: 209888

Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.2	30.4

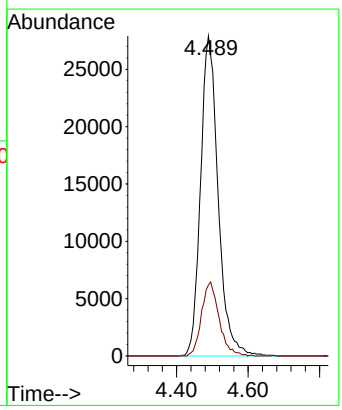


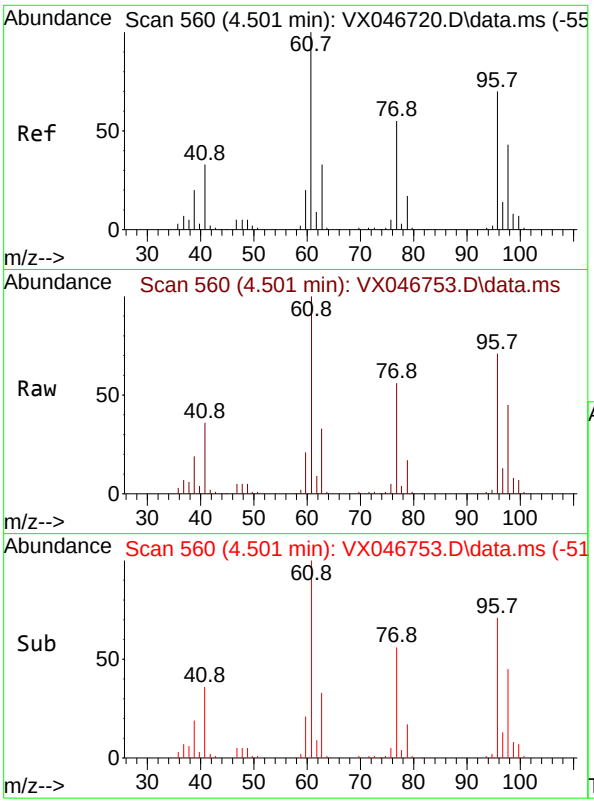


#26
2,2-Dichloropropane
Concen: 41.752 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 77 Resp: 95144

Ion	Ratio	Lower	Upper
77	100		
97	23.1	11.8	35.3



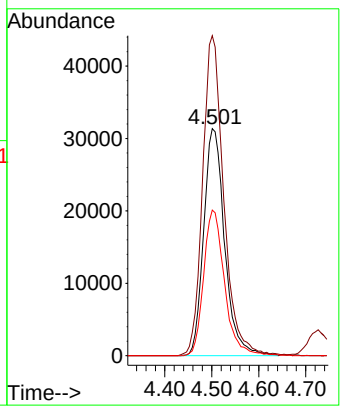


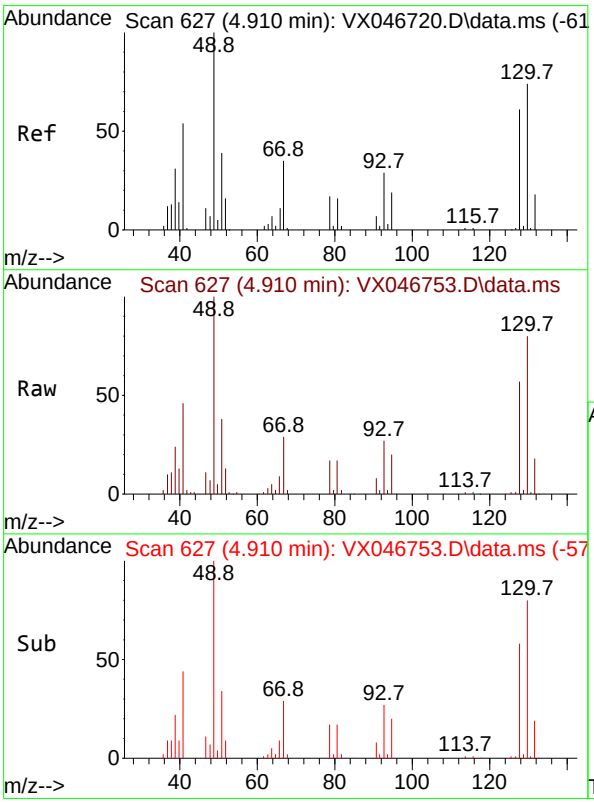
#27
cis-1,2-Dichloroethene
Concen: 48.734 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 96 Resp: 96805

Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	291.0
98	64.1	0.0	126.8

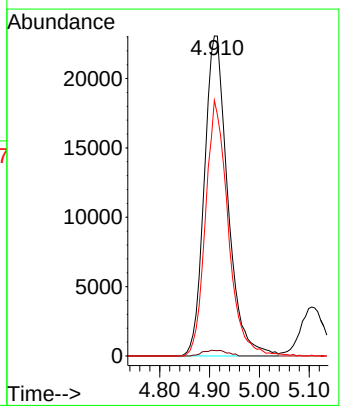


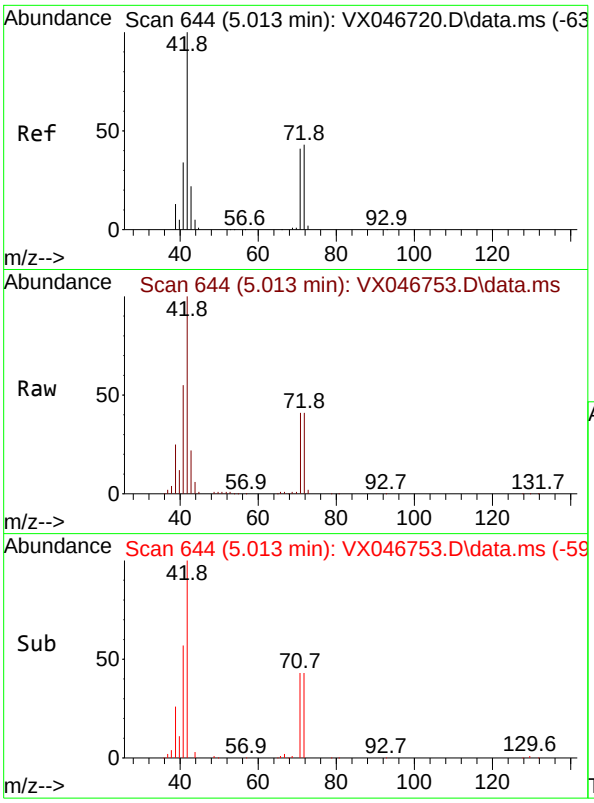


#28
Bromochloromethane
Concen: 53.219 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 49 Resp: 75384

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	77.0	61.4	92.0



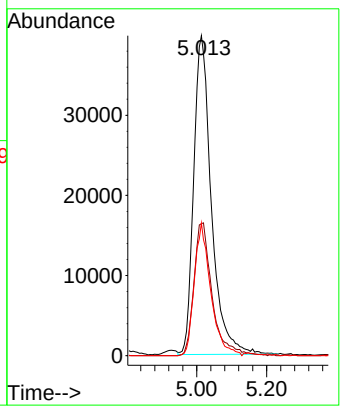


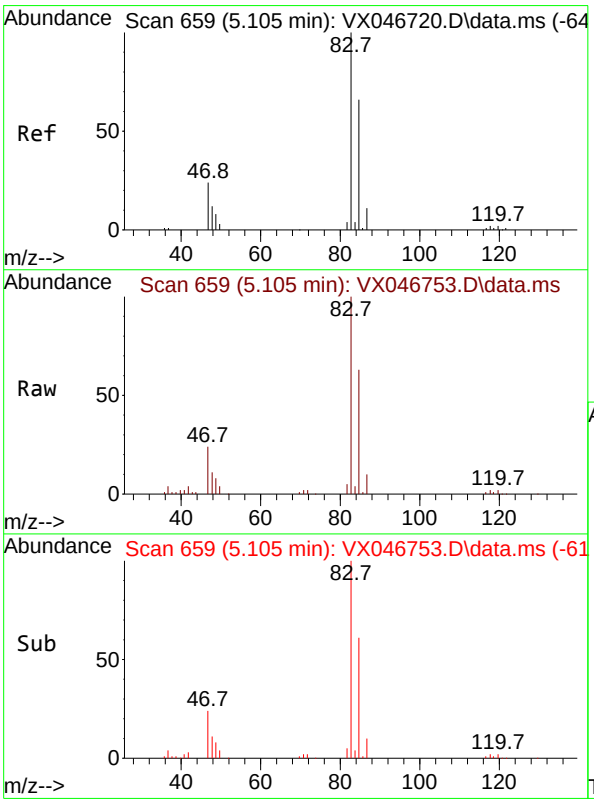
#29
Tetrahydrofuran
Concen: 231.740 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 42 Resp: 139690

Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.9	52.3
71	38.6	32.2	48.2

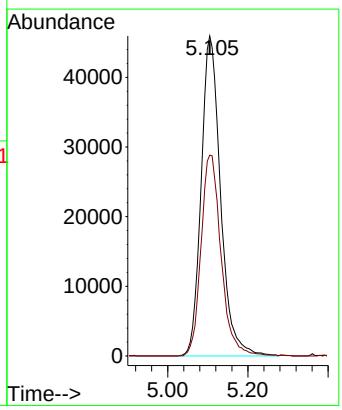


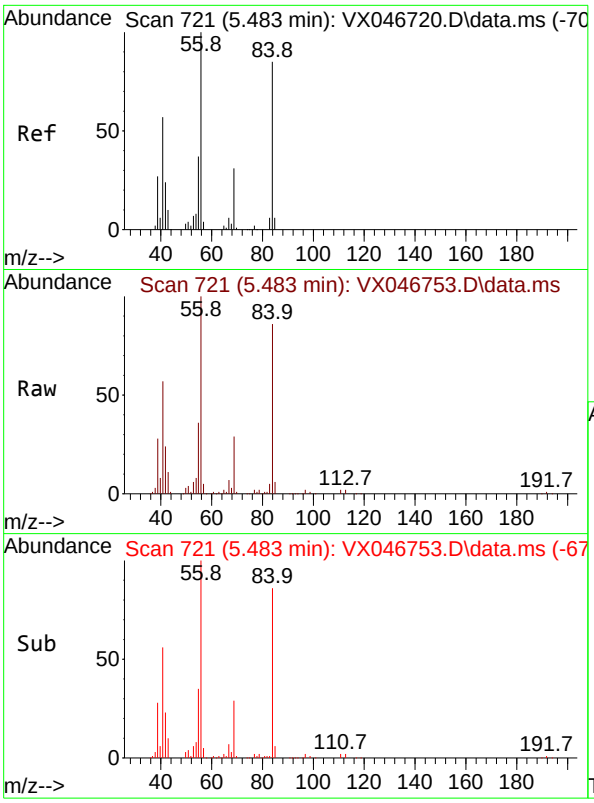


#30
Chloroform
Concen: 49.396 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 83 Resp: 154343

Ion	Ratio	Lower	Upper
83	100		
85	62.8	53.7	80.5



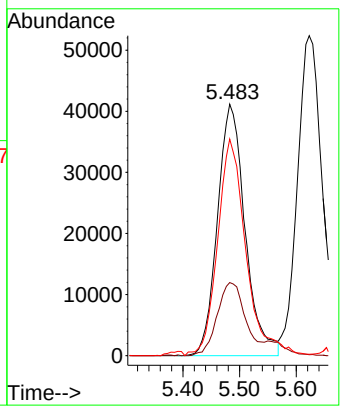


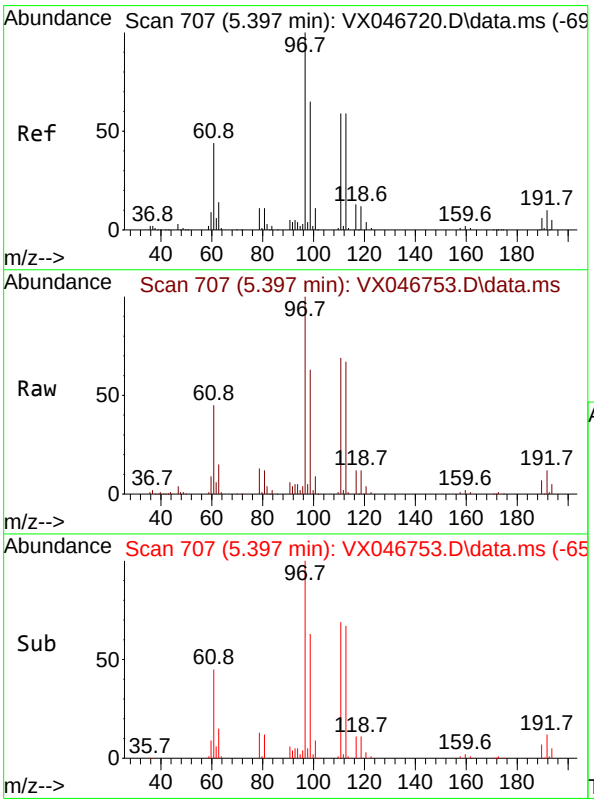
#31
Cyclohexane
Concen: 46.988 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 56 Resp: 139222

Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.8	37.2
84	84.4	68.2	102.2

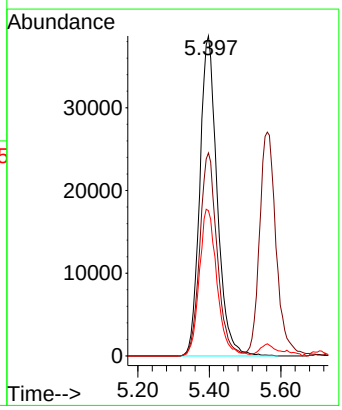


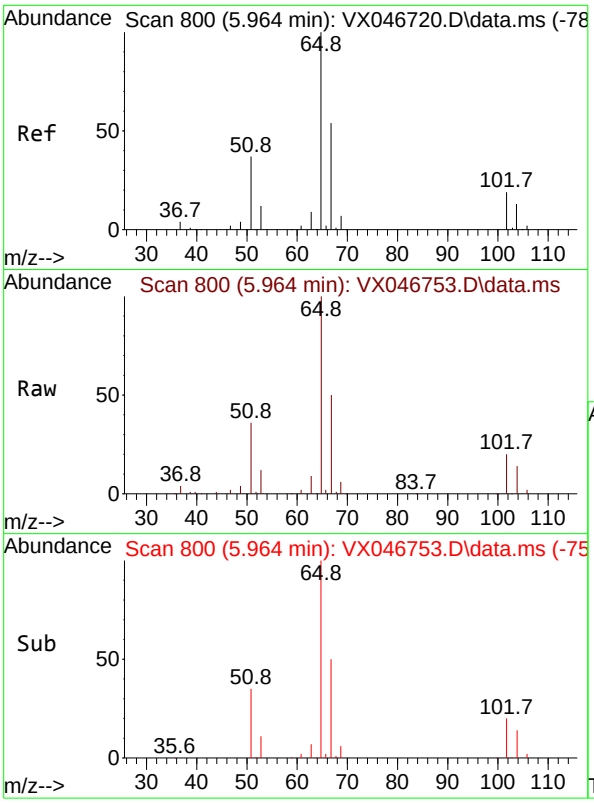


#32
1,1,1-Trichloroethane
Concen: 47.547 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 97 Resp: 130295

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	46.6	36.4	54.6



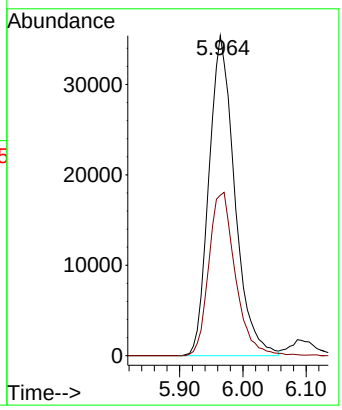


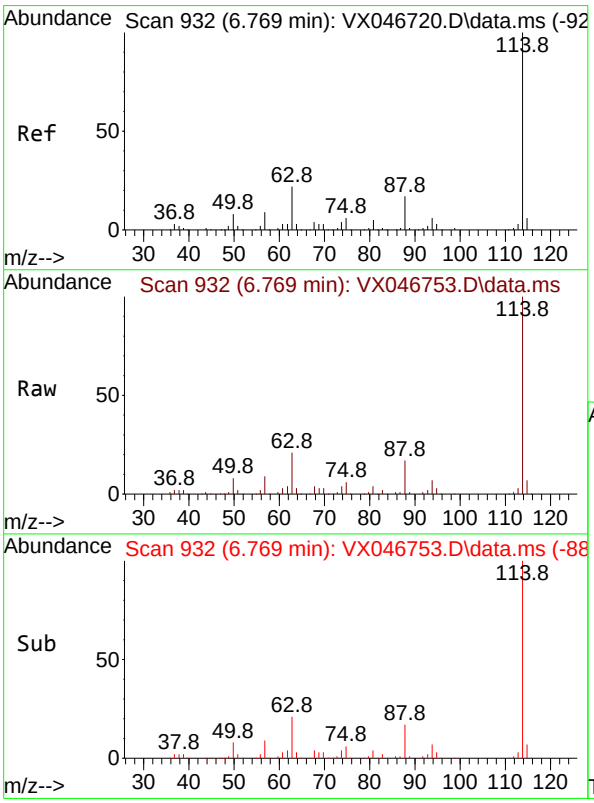
#33
1,2-Dichloroethane-d4
Concen: 50.601 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 65 Resp: 100125

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.4

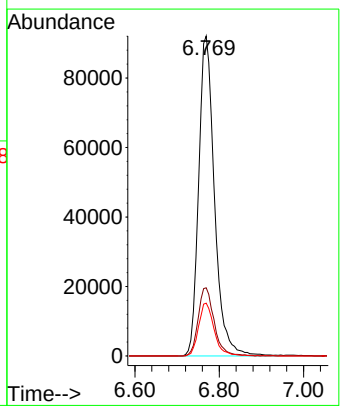


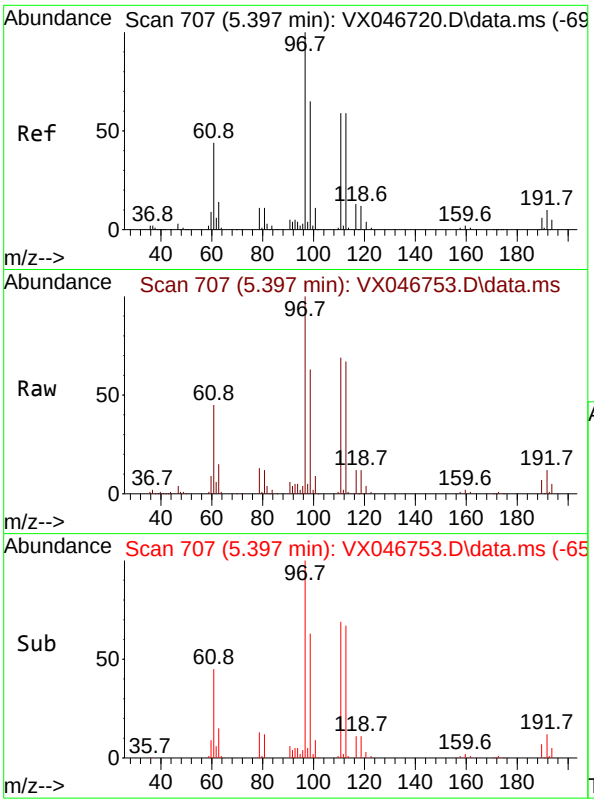


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:114 Resp: 240999

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.2
88	16.5	0.0	33.2



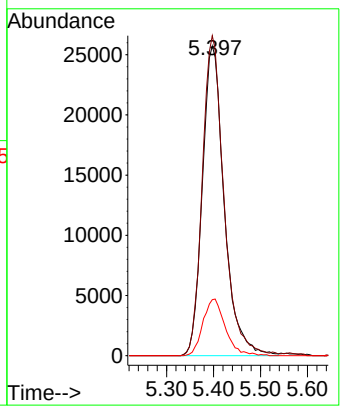


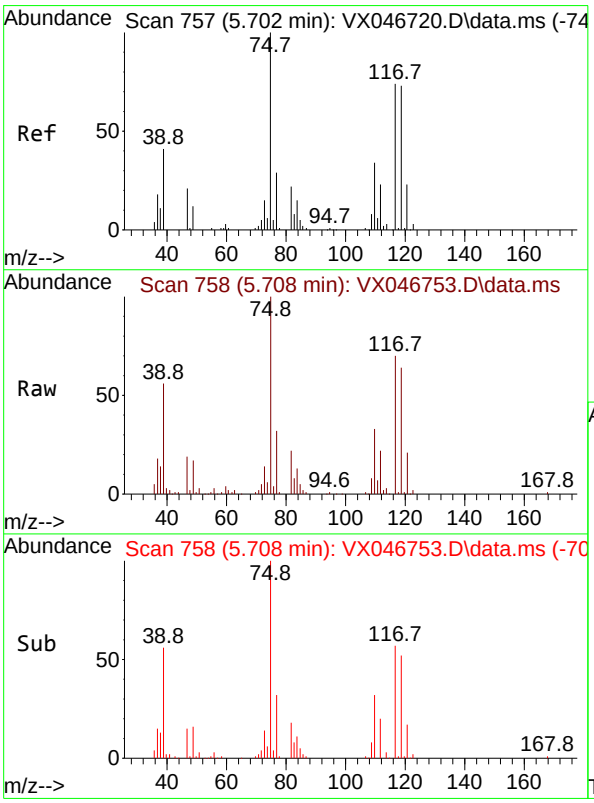
#35
Dibromofluoromethane
Concen: 52.078 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:113 Resp: 83040

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	18.8	15.3	22.9

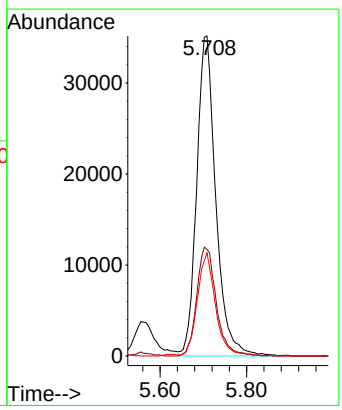


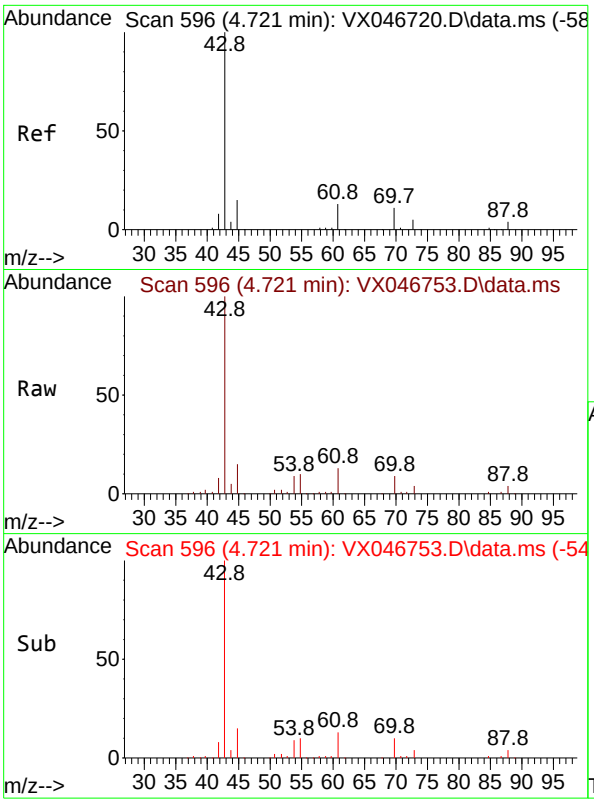


#36
1,1-Dichloropropene
Concen: 46.878 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 75 Resp: 107903

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.2	51.5
77	30.6	24.2	36.4



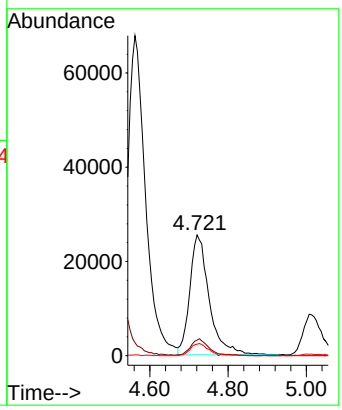


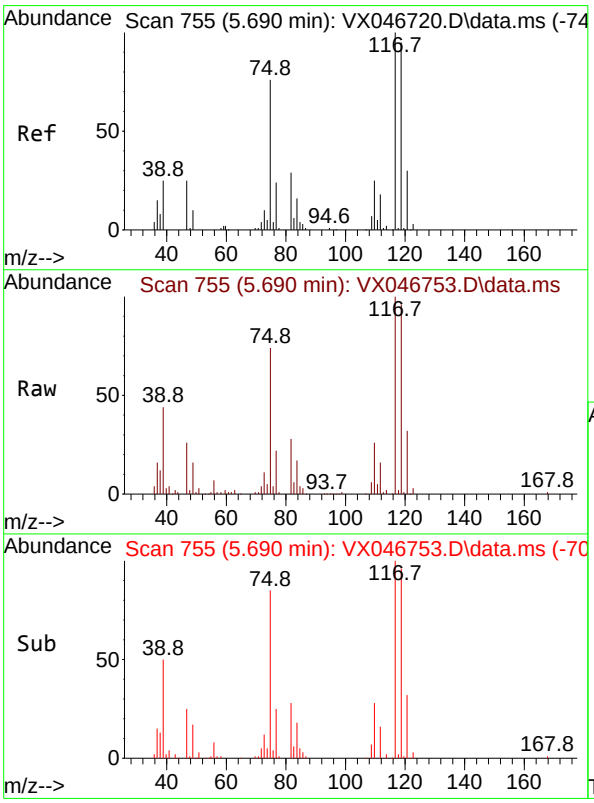
#37
Ethyl Acetate
Concen: 41.462 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 43 Resp: 88092

Ion	Ratio	Lower	Upper
43	100		
61	13.4	9.7	14.5
70	9.0	8.1	12.1

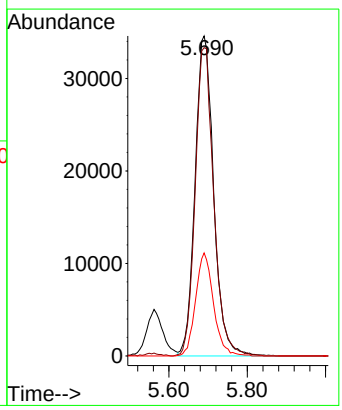


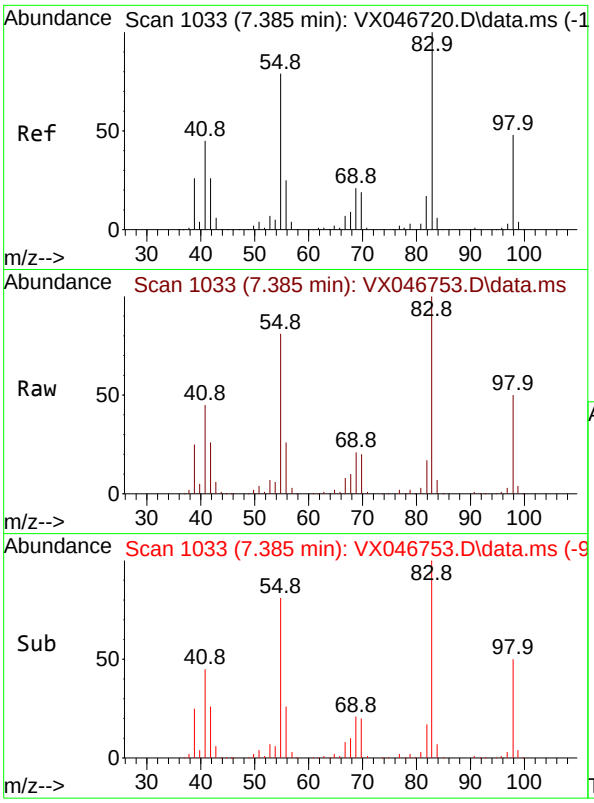


#38
Carbon Tetrachloride
Concen: 45.829 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:117 Resp: 114481

Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.2	112.8
121	32.2	24.1	36.1



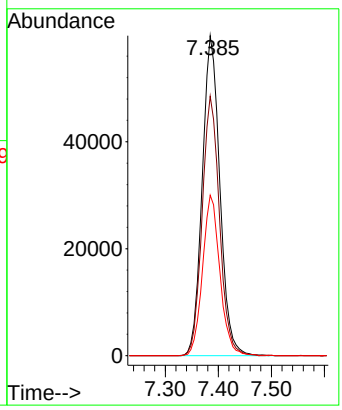


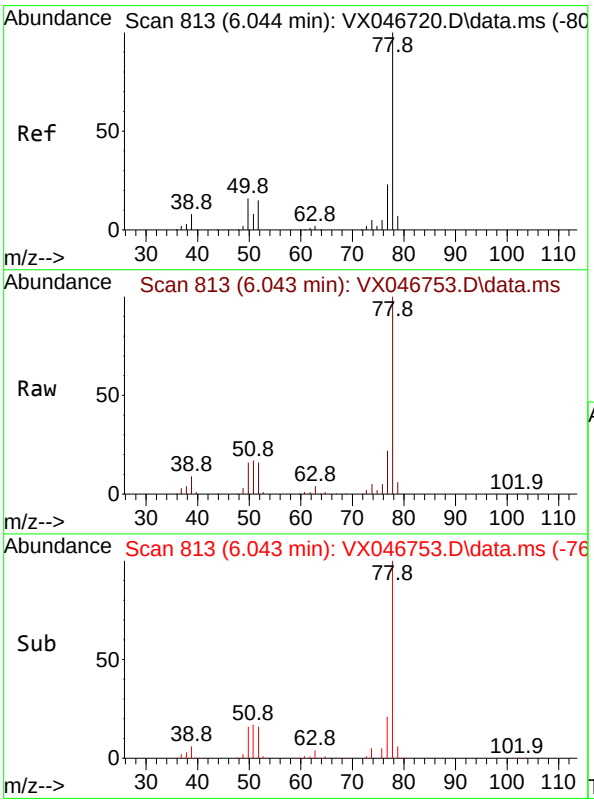
#39
Methylcyclohexane
Concen: 45.609 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 83 Resp: 138147

Ion	Ratio	Lower	Upper
83	100		
55	81.1	63.0	94.4
98	50.1	38.8	58.2

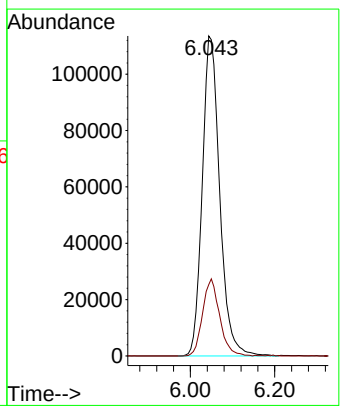


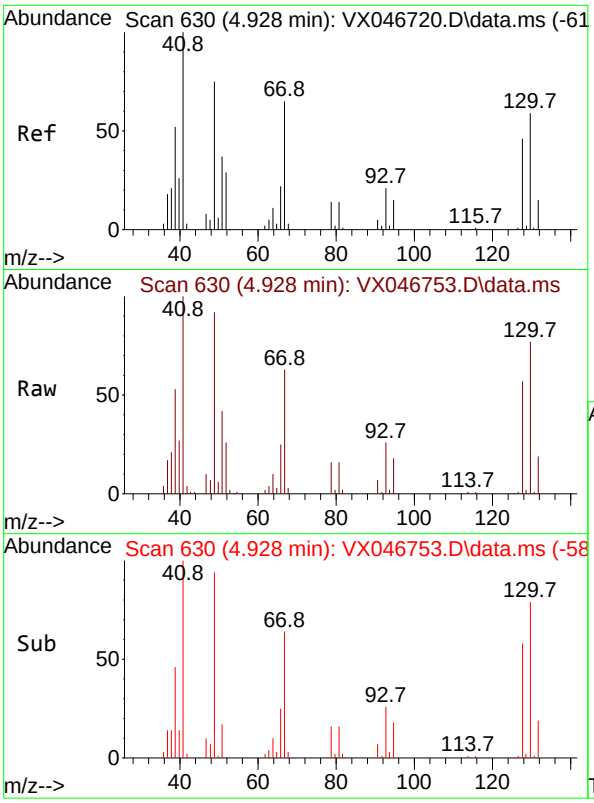


#40
Benzene
Concen: 47.998 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 78 Resp: 326964

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.8	28.2



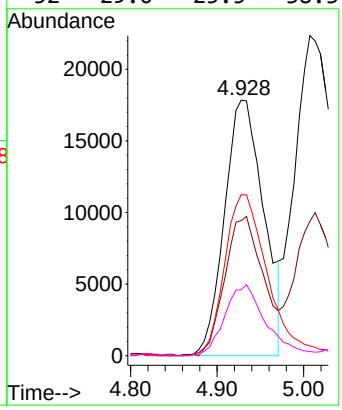


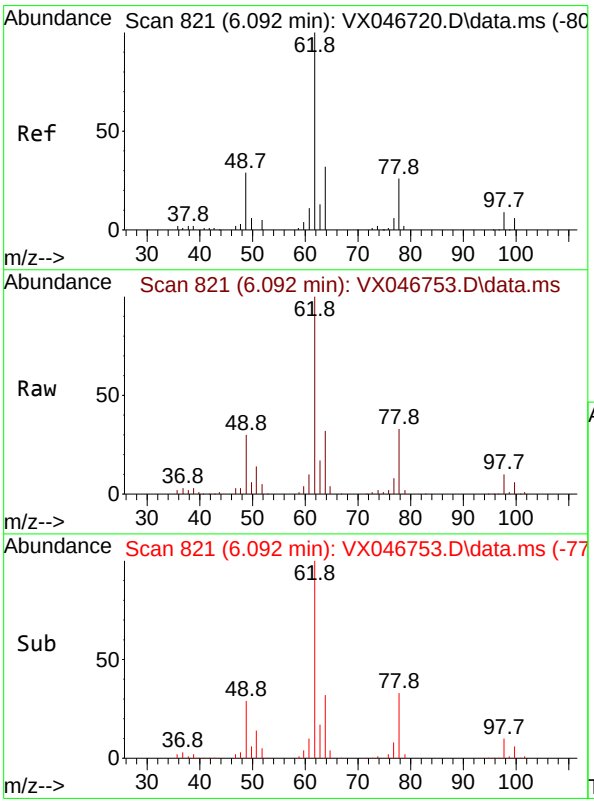
#41
Methacrylonitrile
Concen: 49.649 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 41 Resp: 56237

Ion	Ratio	Lower	Upper
41	100		
39	53.6	45.9	68.9
67	69.6	61.2	91.8
52	29.0	25.5	38.3

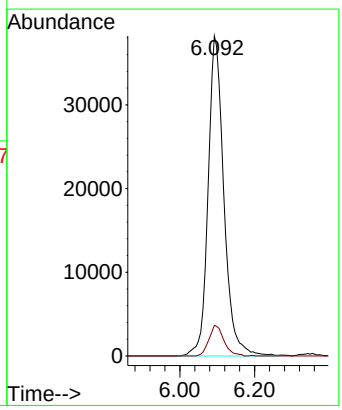


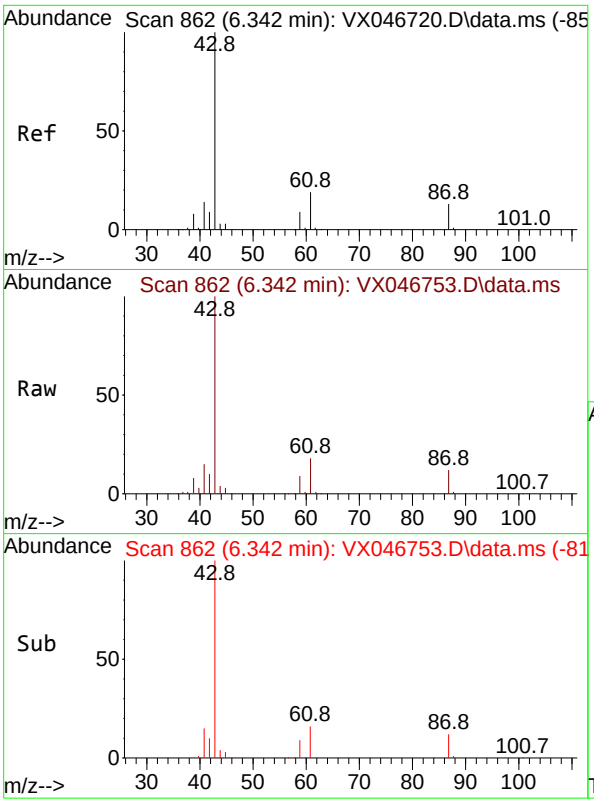


#42
1,2-Dichloroethane
Concen: 46.799 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 62 Resp: 112027

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



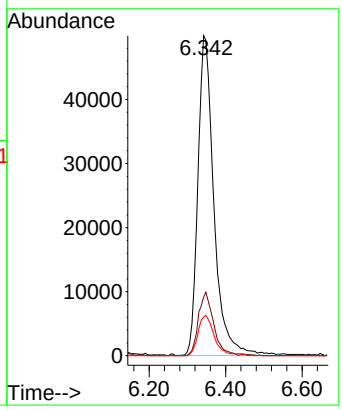


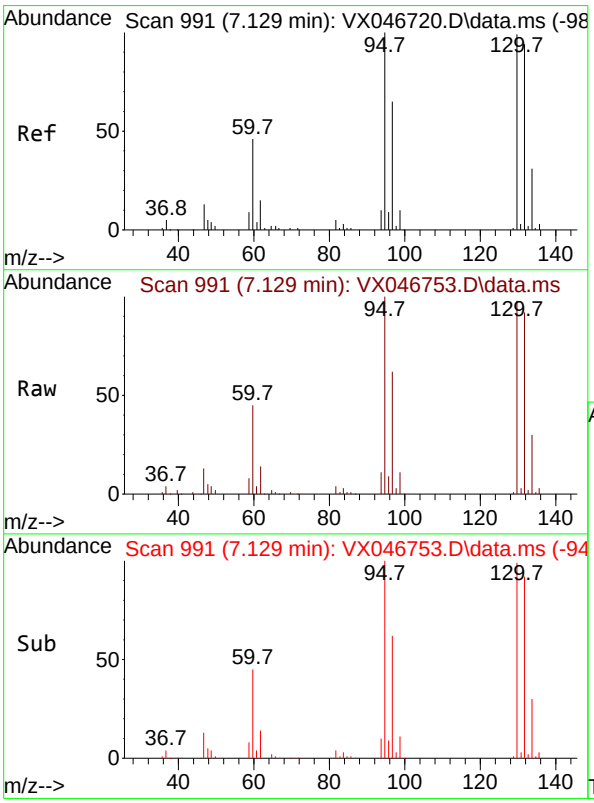
#43
Isopropyl Acetate
Concen: 43.619 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 43 Resp: 145020

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.3	22.9
87	12.6	10.0	15.0

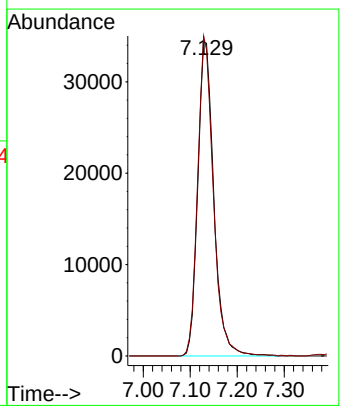


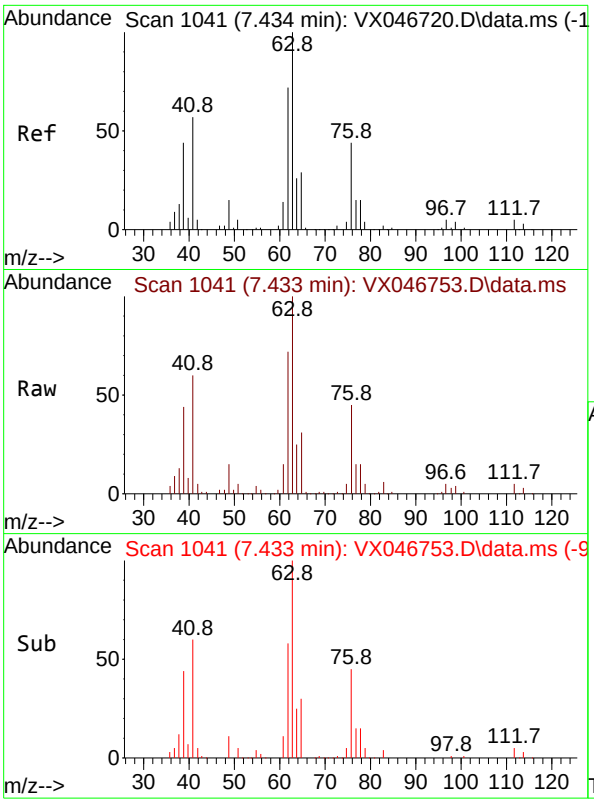


#44
Trichloroethene
Concen: 47.090 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:130 Resp: 81750

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	202.6



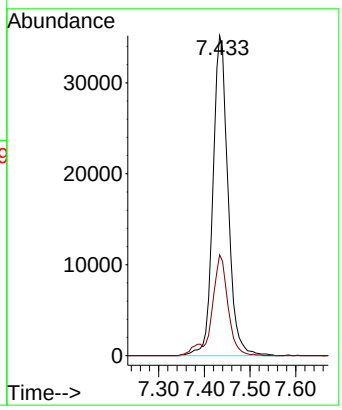


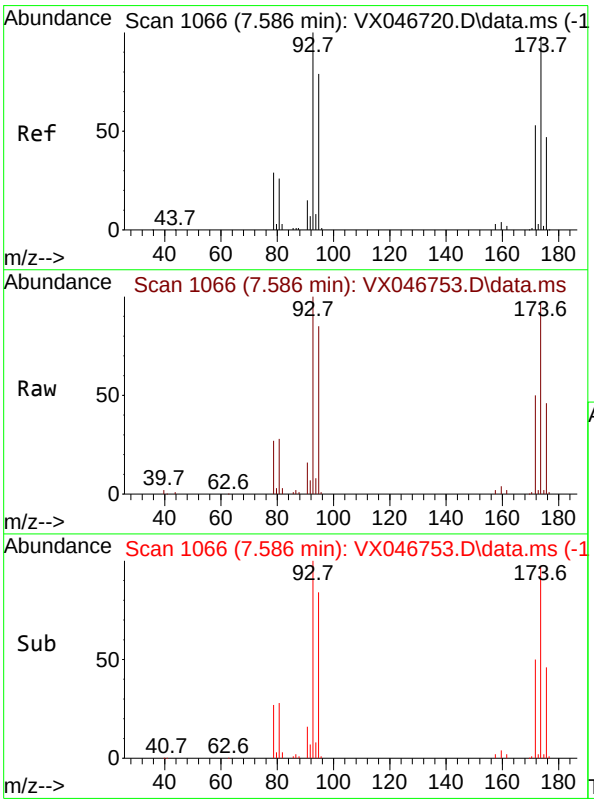
#45
1,2-Dichloropropane
Concen: 47.769 ug/l
RT: 7.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 63 Resp: 80645

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.9	34.3

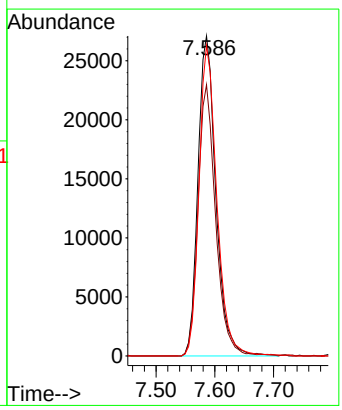


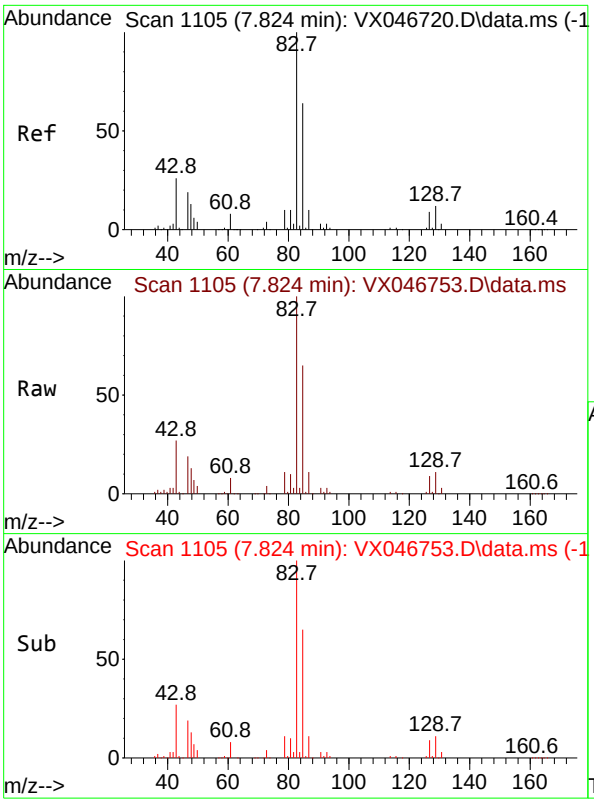


#46
Dibromomethane
Concen: 47.246 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 93 Resp: 57324

Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.2	99.4
174	96.7	77.0	115.6



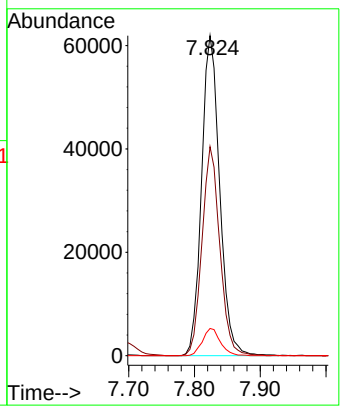


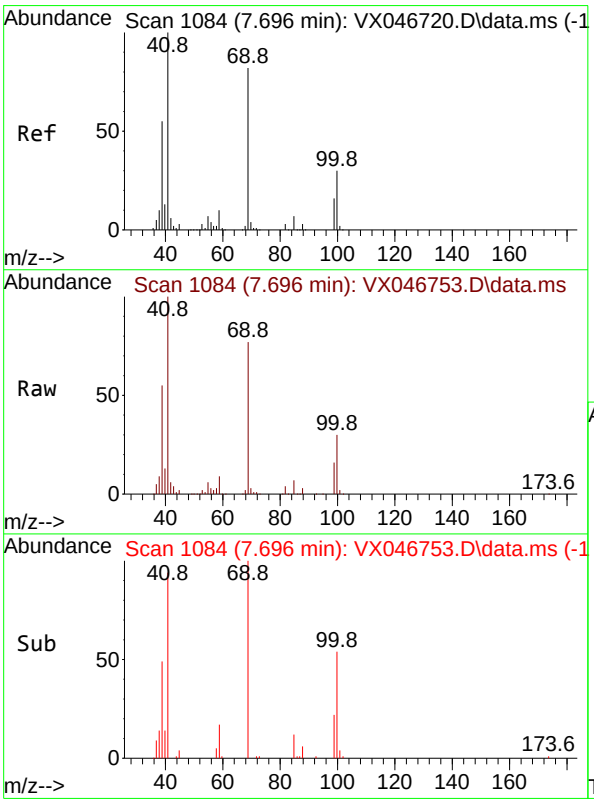
#47
Bromodichloromethane
Concen: 47.892 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 83 Resp: 118579

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.4	77.2
127	8.5	6.9	10.3

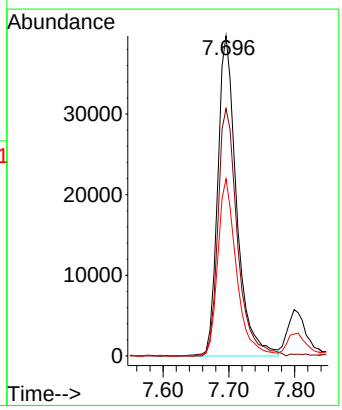


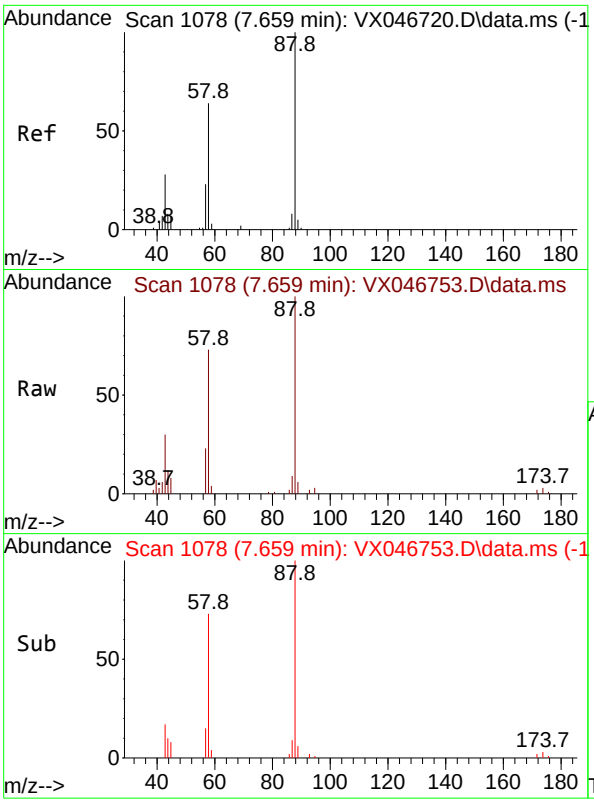


#48
Methyl methacrylate
Concen: 47.484 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 41 Resp: 79176

Ion	Ratio	Lower	Upper
41	100		
69	79.5	63.4	95.2
39	54.9	45.4	68.0



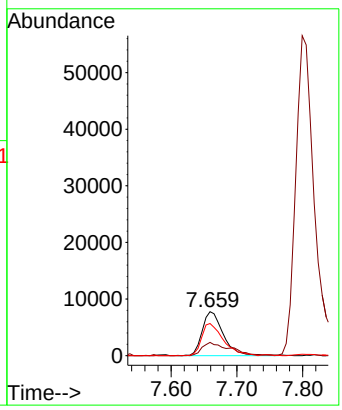


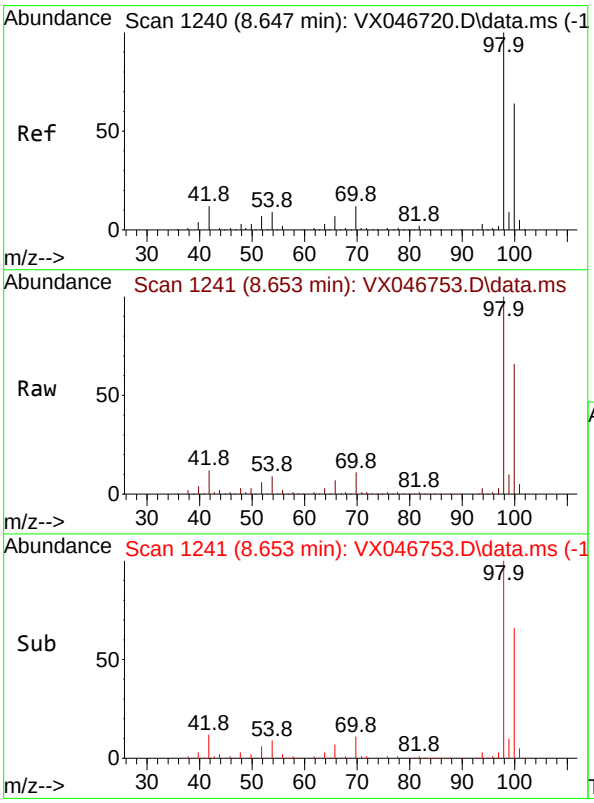
#49
1,4-Dioxane
Concen: 719.791 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 88 Resp: 17262

Ion	Ratio	Lower	Upper
88	100		
43	40.3	31.2	46.8
58	75.0	54.7	82.1

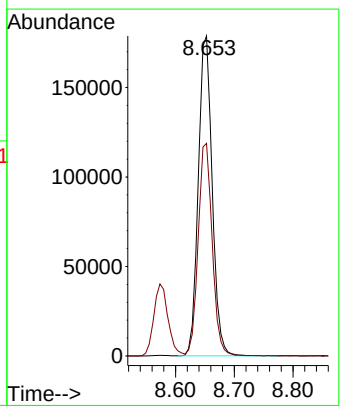


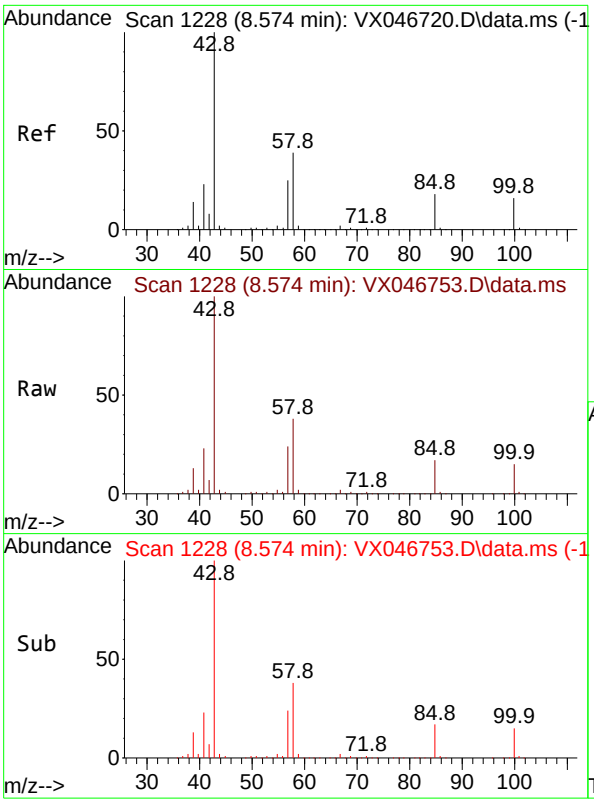


#50
Toluene-d8
Concen: 51.326 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 98 Resp: 294034

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4



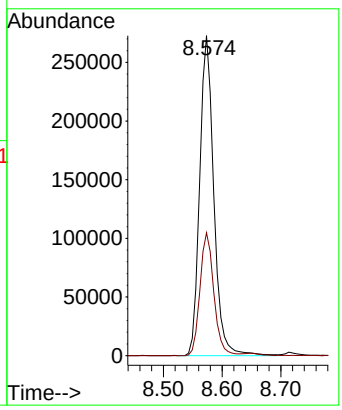


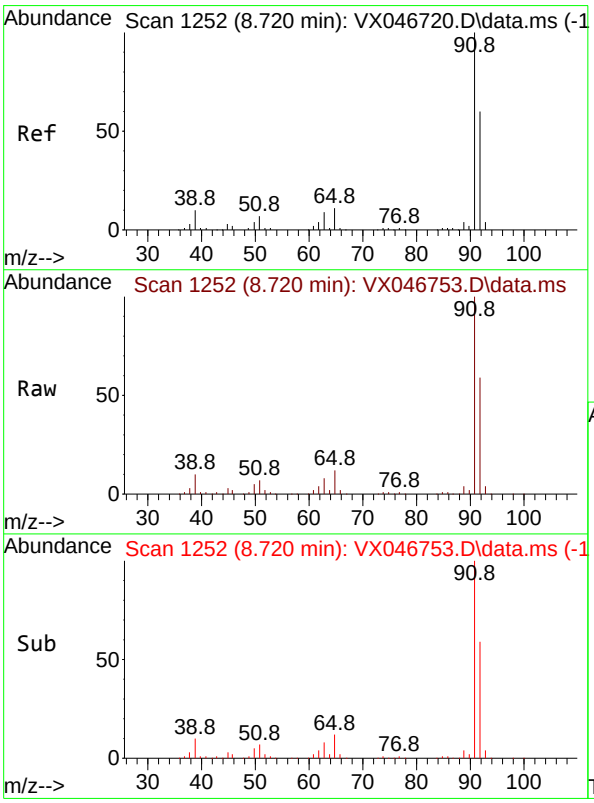
#51
4-Methyl-2-Pentanone
Concen: 229.964 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 43 Resp: 455997

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.8	46.2

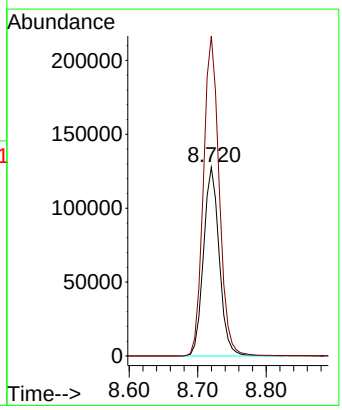


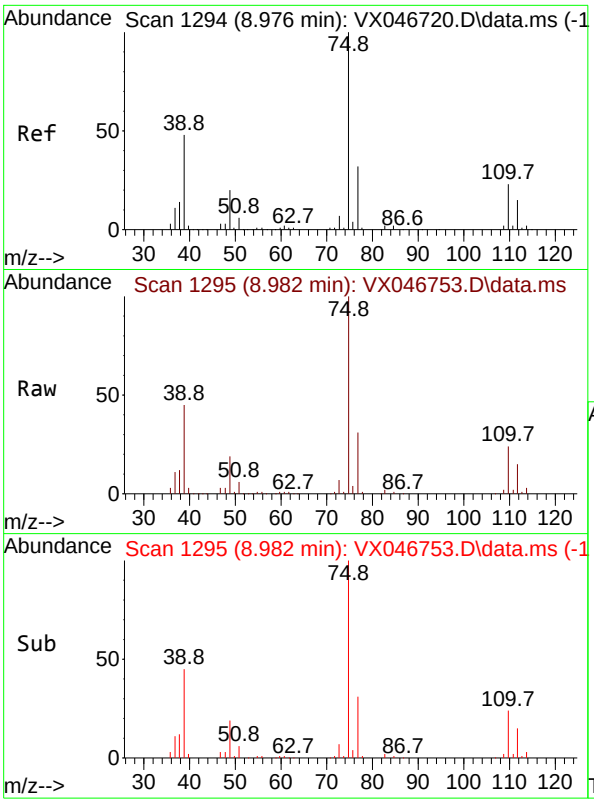


#52
Toluene
Concen: 48.249 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 92 Resp: 203758

Ion	Ratio	Lower	Upper
92	100		
91	170.9	134.8	202.2



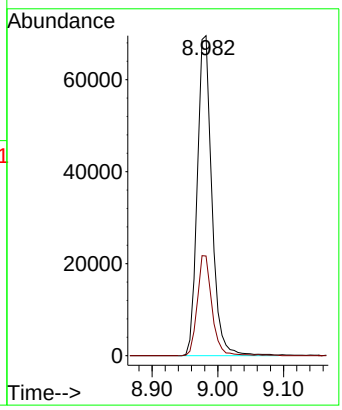


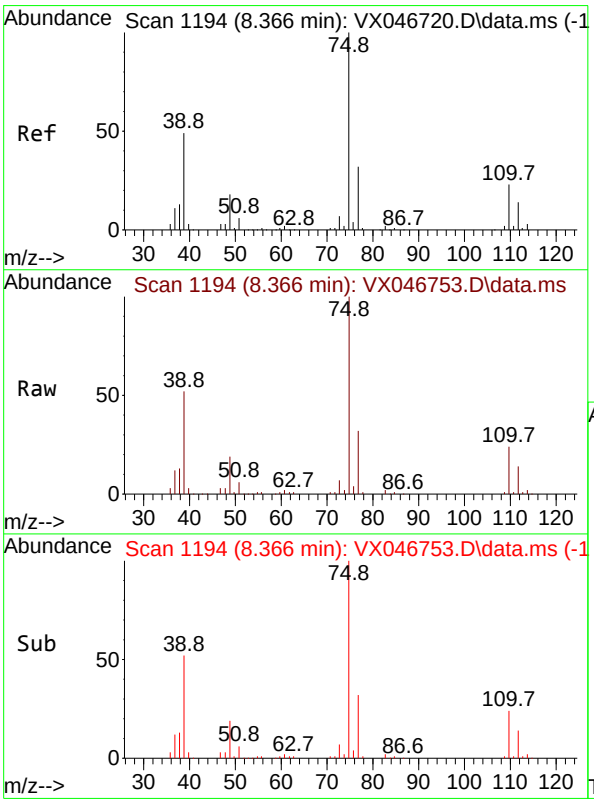
#53
t-1,3-Dichloropropene
Concen: 46.544 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 75 Resp: 106926

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.6	38.4

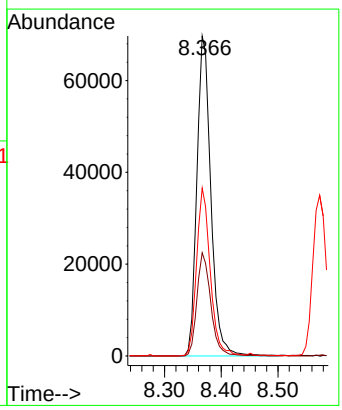


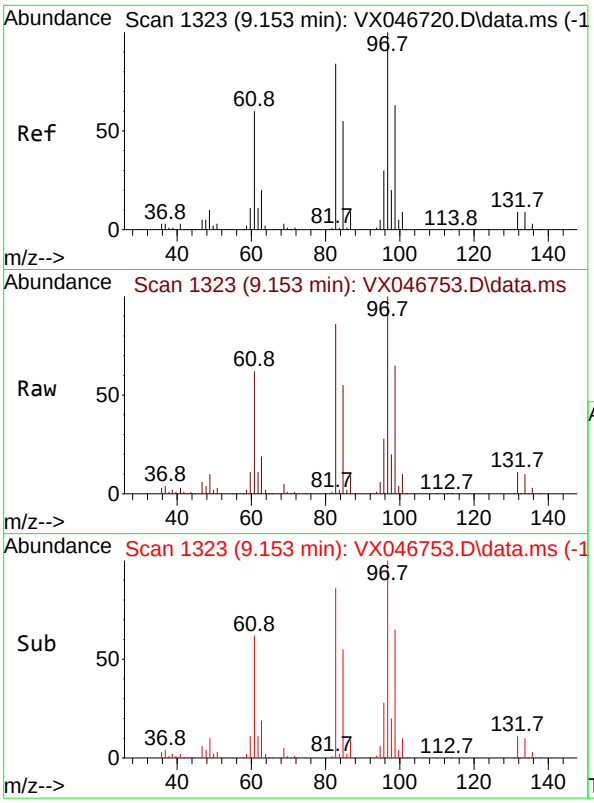


#54
cis-1,3-Dichloropropene
Concen: 45.847 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 75 Resp: 119567

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.3	37.9
39	51.8	39.2	58.8



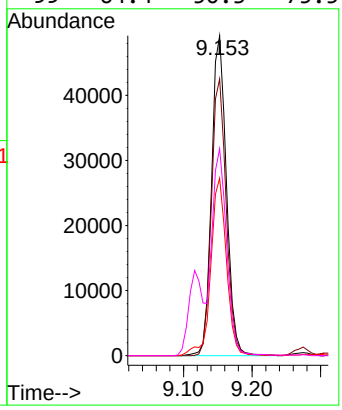


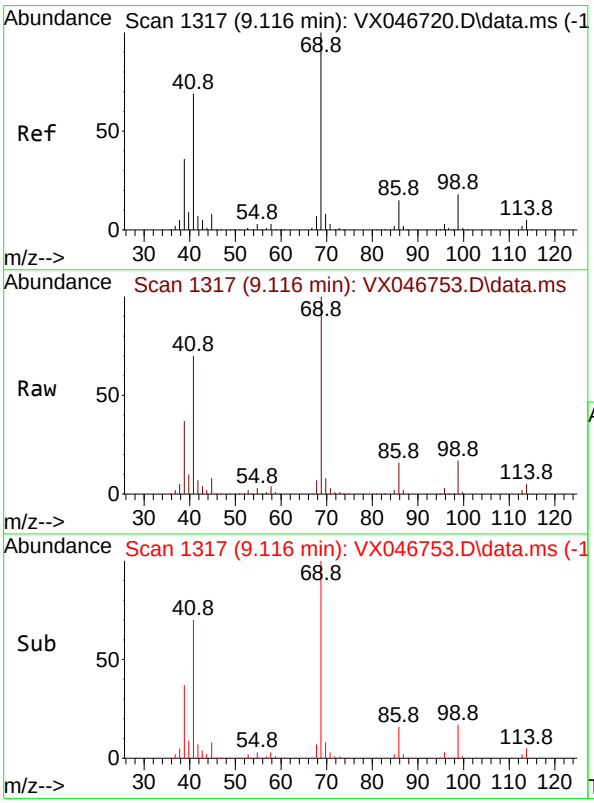
#55
1,1,2-Trichloroethane
Concen: 47.065 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 97 Resp: 74068

Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.2	100.8
85	55.4	44.1	66.1
99	64.4	50.3	75.5

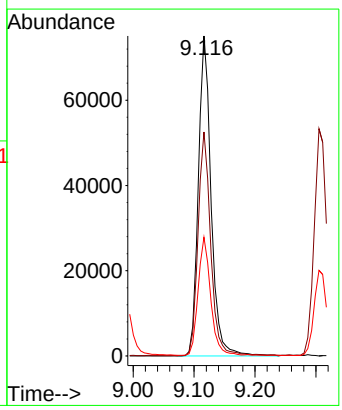


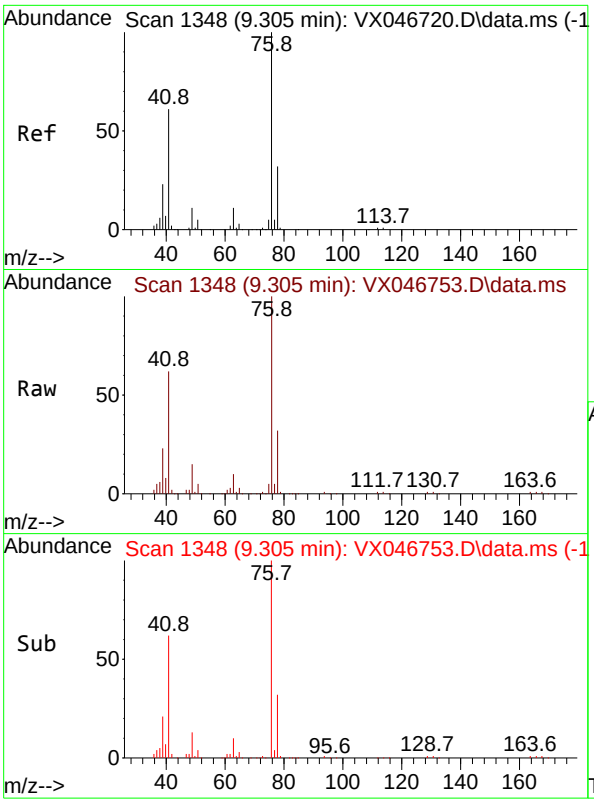


#56
Ethyl methacrylate
Concen: 47.221 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 69 Resp: 109702

Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	36.1	29.7	44.5



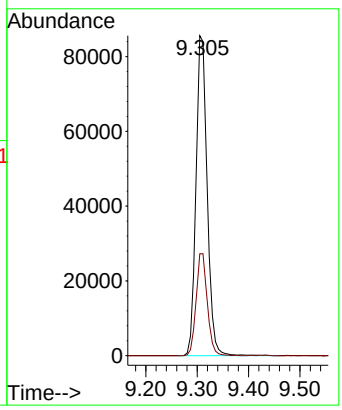


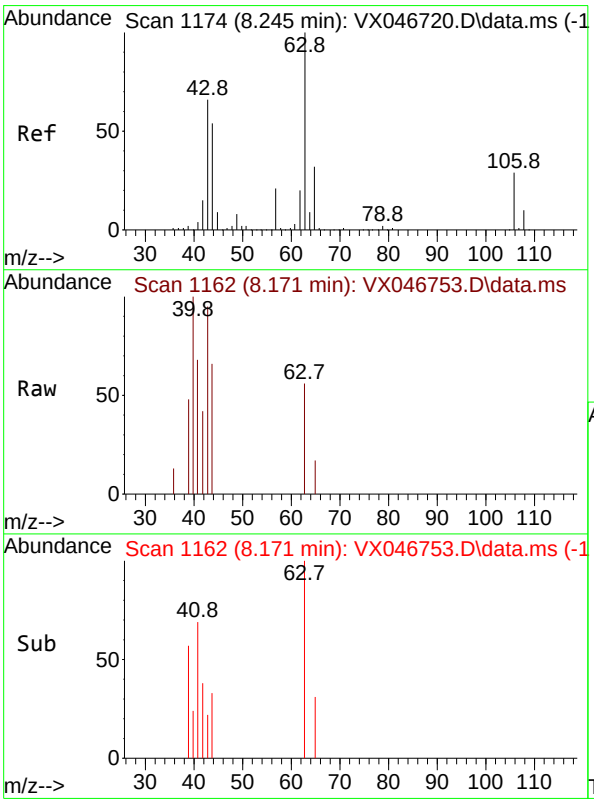
#57
1,3-Dichloropropane
Concen: 47.775 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 76 Resp: 129477

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.7	38.5

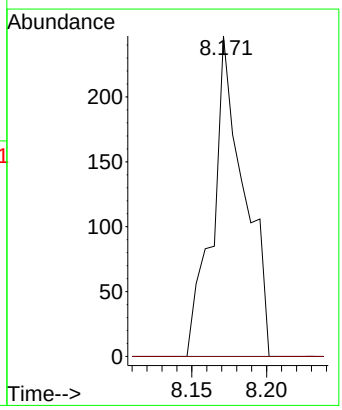


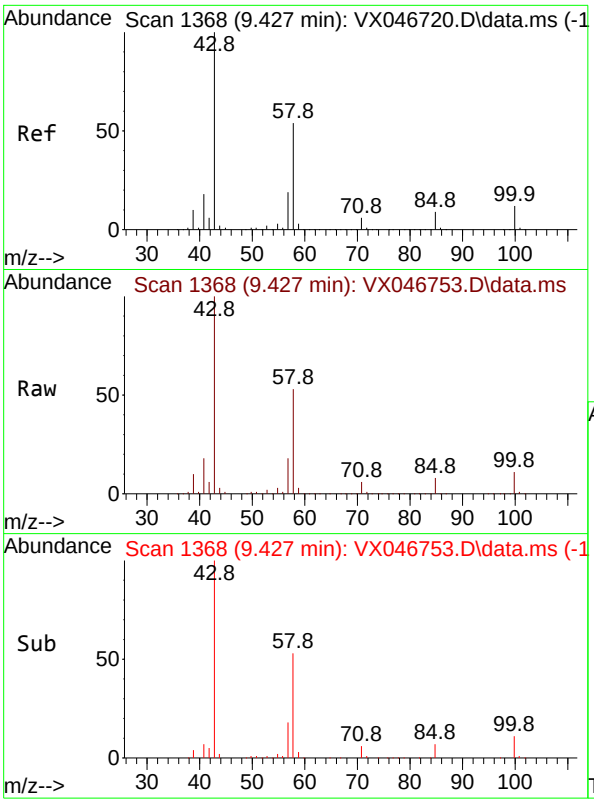


#58
2-Chloroethyl Vinyl ether
Concen: 0.299 ug/l
RT: 8.171 min Scan# 1162
Delta R.T. -0.073 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 63 Resp: 361

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.6	34.0#



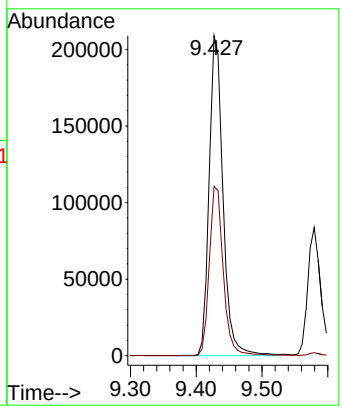


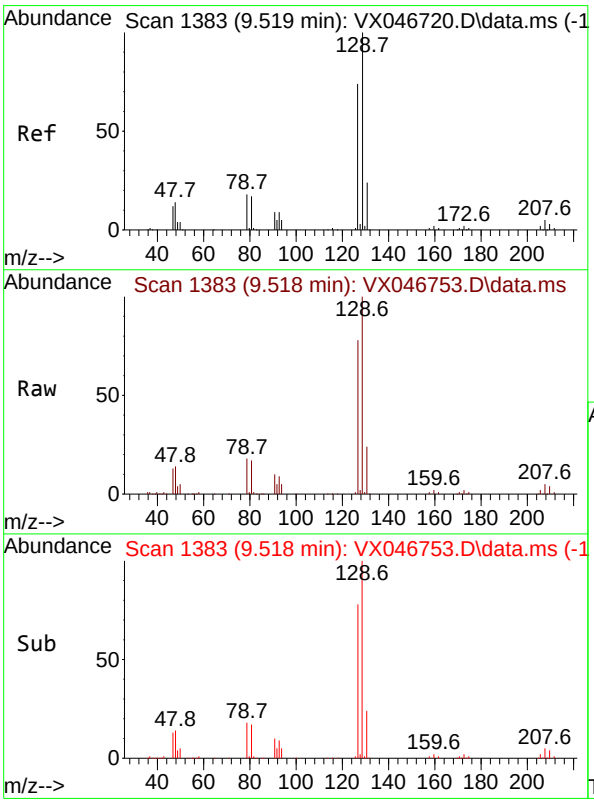
#59
2-Hexanone
Concen: 224.056 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 43 Resp: 307148

Ion	Ratio	Lower	Upper
43	100		
58	53.5	26.8	80.4

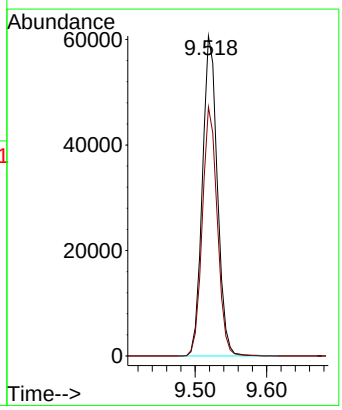


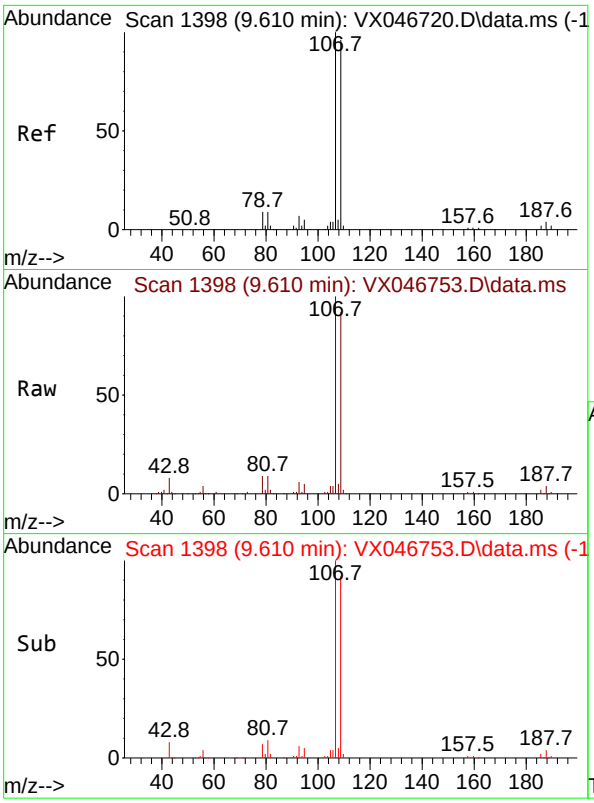


#60
Dibromochloromethane
Concen: 47.473 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:129 Resp: 88044

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2



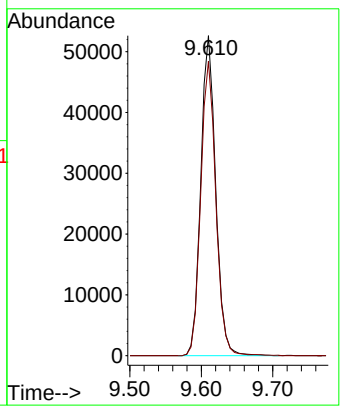


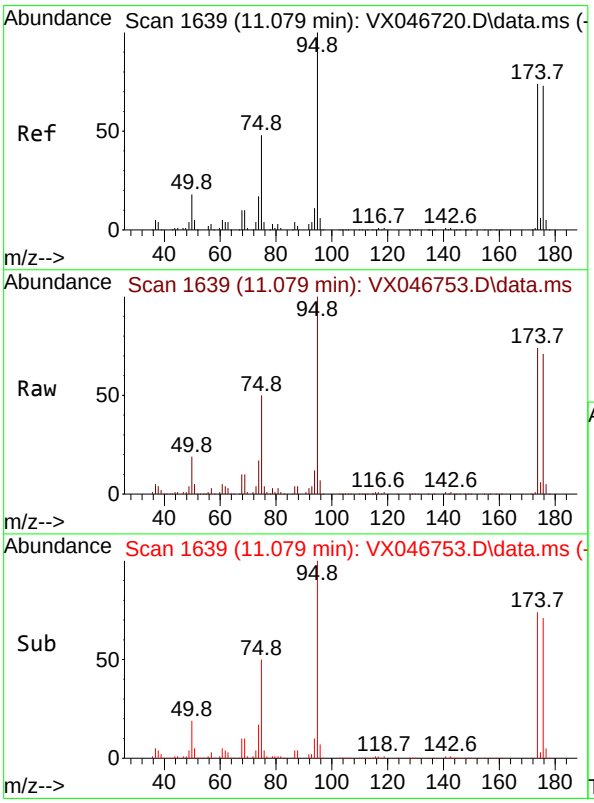
#61
1,2-Dibromoethane
Concen: 47.618 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:107 Resp: 76228

Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.8	113.6

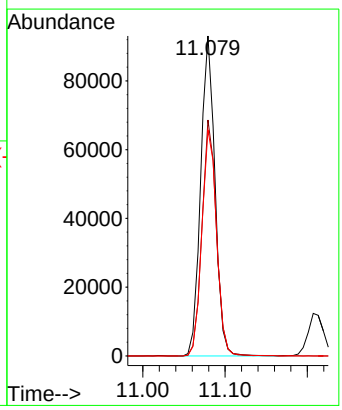


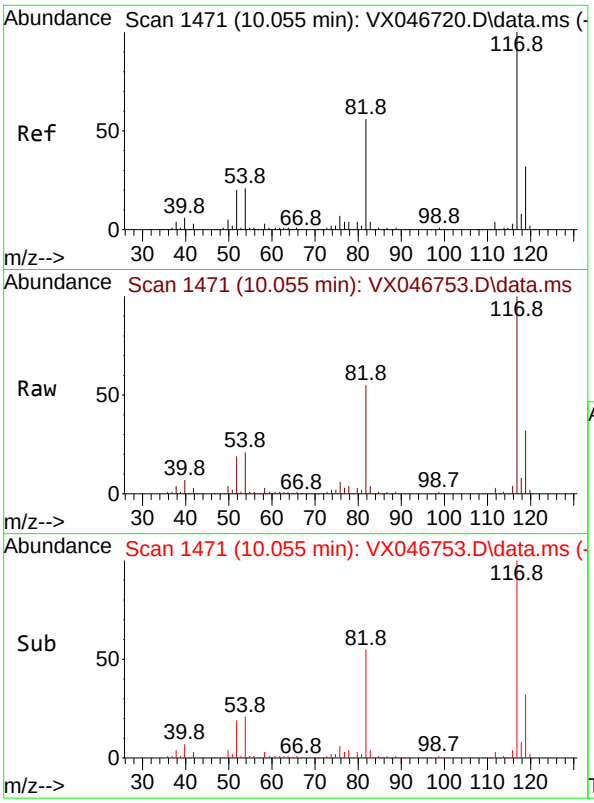


#62
4-Bromofluorobenzene
Concen: 52.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 95 Resp: 112496

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	150.4
176	72.8	0.0	145.0



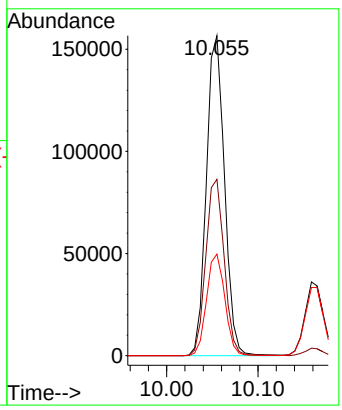


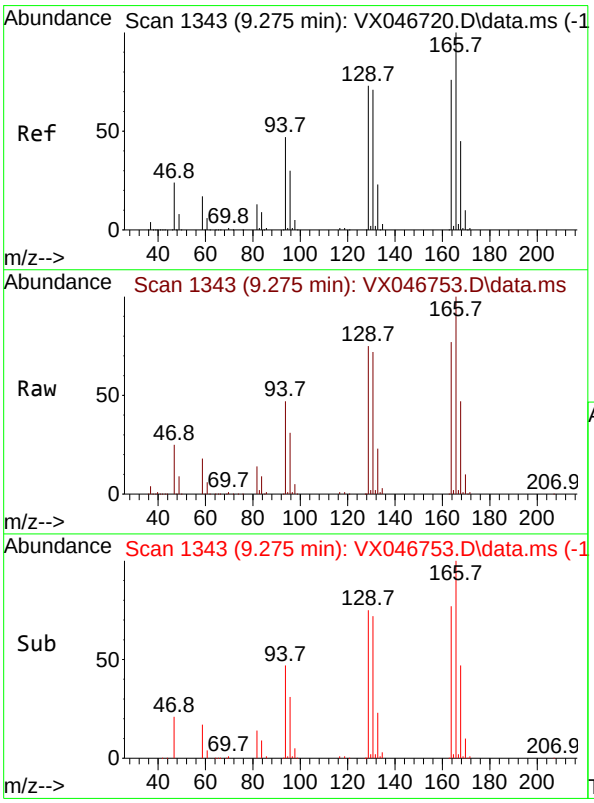
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:117 Resp: 215546

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	66.8
119	31.8	25.8	38.8

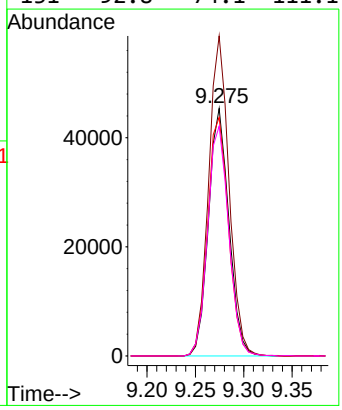


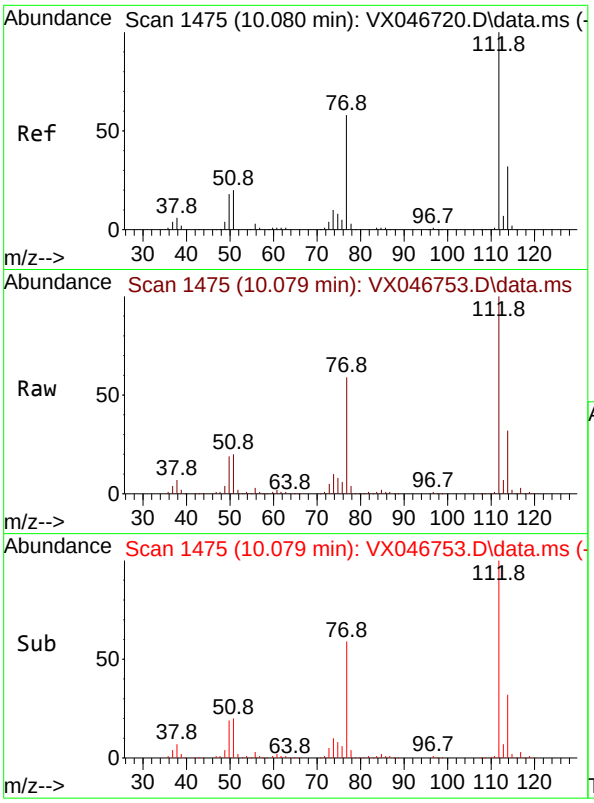


#64
Tetrachloroethene
Concen: 44.627 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:164 Resp: 66644

Ion	Ratio	Lower	Upper
164	100		
166	129.3	104.6	157.0
129	96.4	76.3	114.5
131	92.8	74.1	111.1



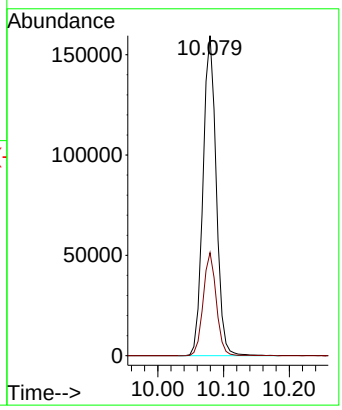


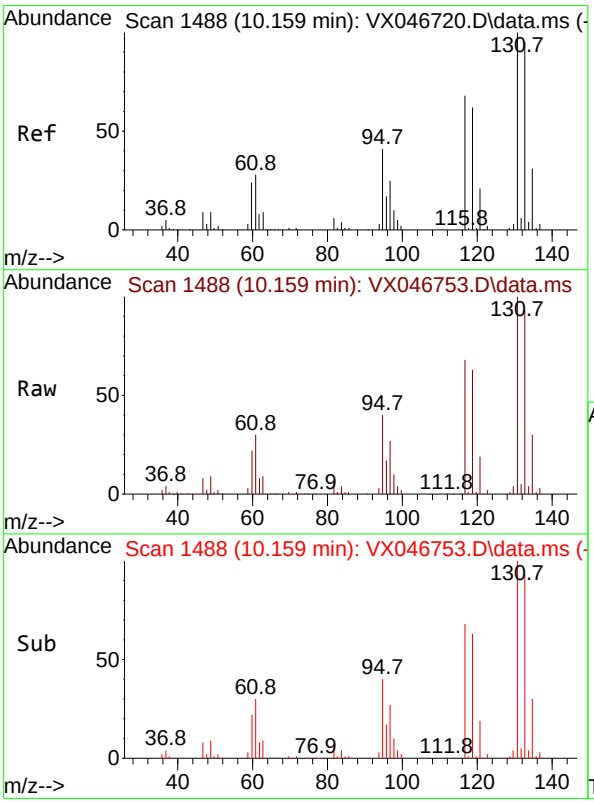
#65
Chlorobenzene
Concen: 46.808 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:112 Resp: 222717

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.5	38.3

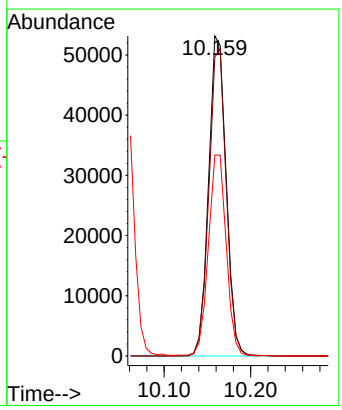


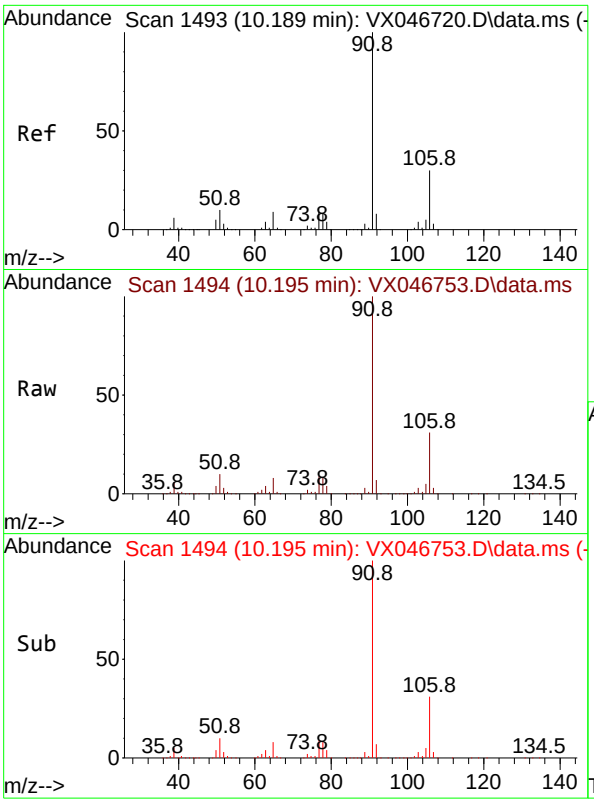


#66
1,1,1,2-Tetrachloroethane
Concen: 46.814 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:131 Resp: 74860

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	141.8
119	64.0	32.1	96.3



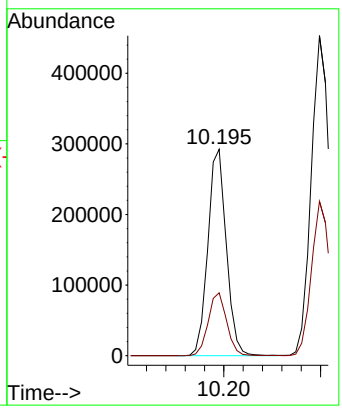


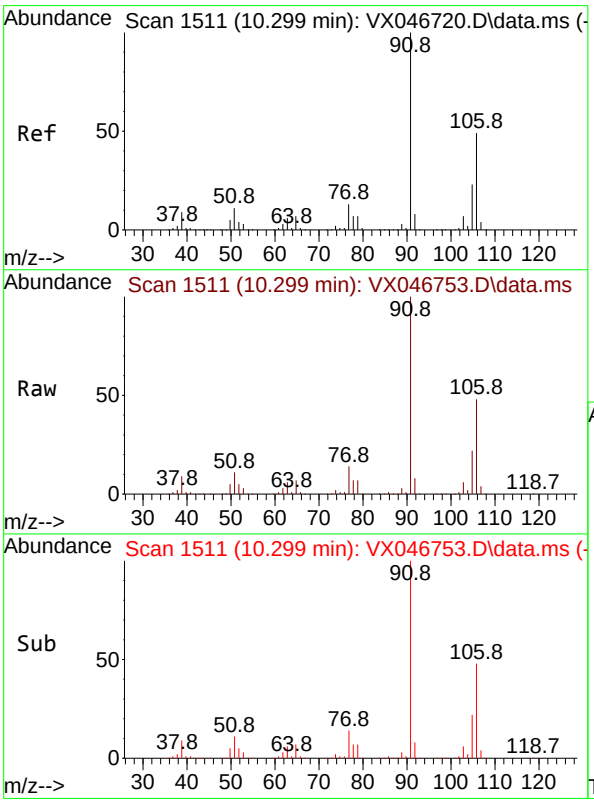
#67
Ethyl Benzene
Concen: 46.592 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 91 Resp: 387344

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.2

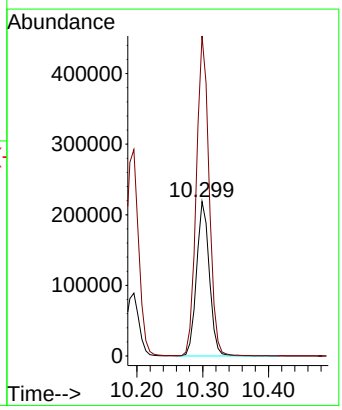


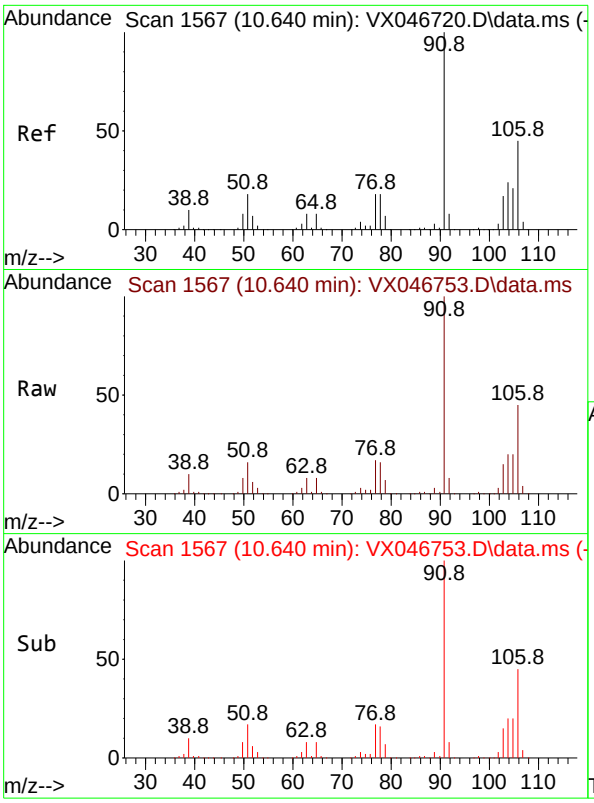


#68
m/p-Xylenes
Concen: 94.996 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:106 Resp: 294272

Ion	Ratio	Lower	Upper
106	100		
91	207.1	164.8	247.2



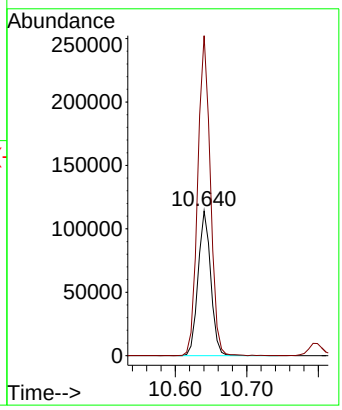


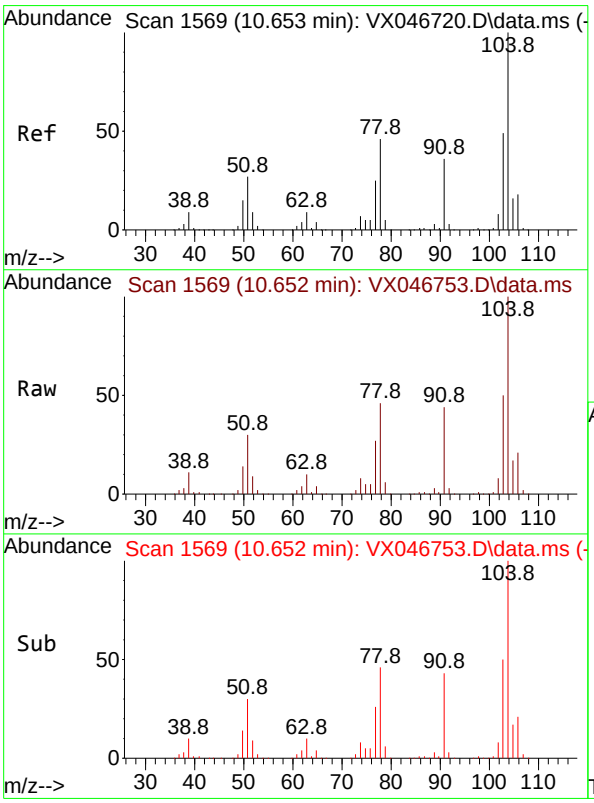
#69
o-Xylene
Concen: 48.237 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:106 Resp: 140037

Ion	Ratio	Lower	Upper
106	100		
91	219.8	111.3	333.9

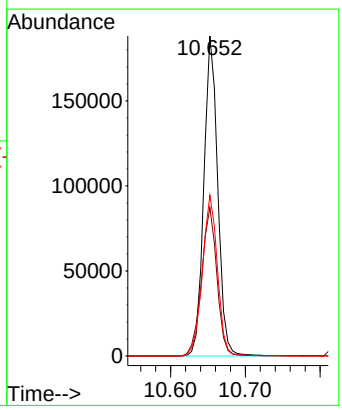


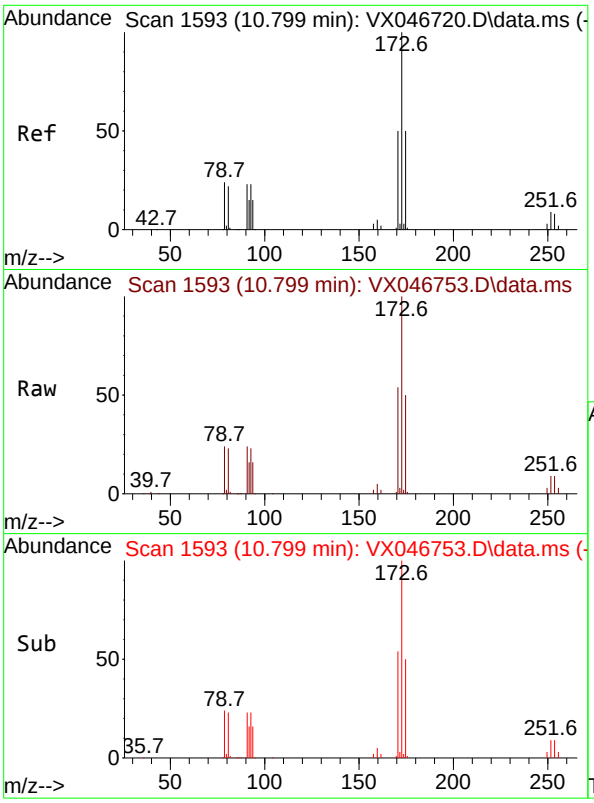


#70
Styrene
Concen: 47.694 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:104 Resp: 242311

Ion	Ratio	Lower	Upper
104	100		
78	51.4	41.4	62.2
103	54.5	43.1	64.7



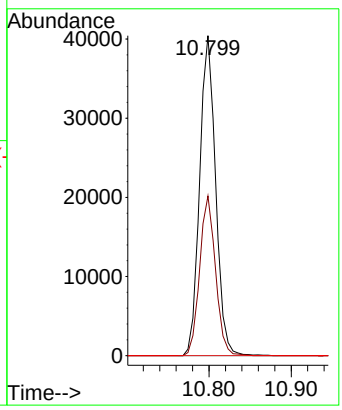


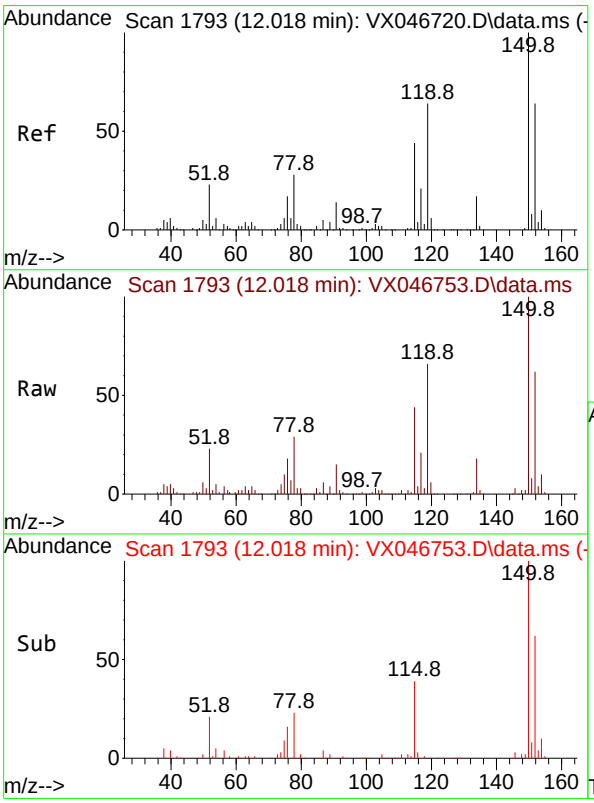
#71
Bromoform
Concen: 44.776 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:173 Resp: 54530

Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.1	72.4
254	0.0	0.1	0.1#

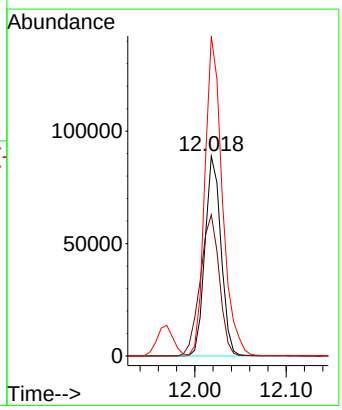


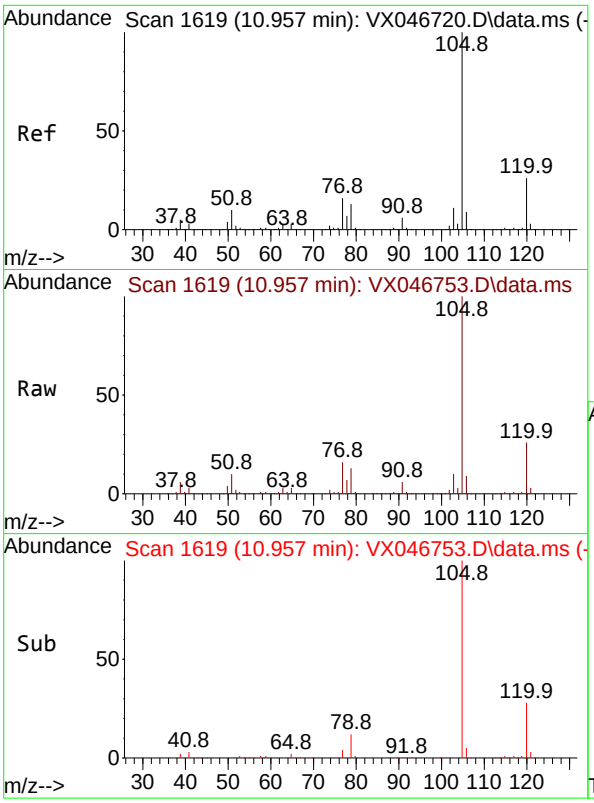


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:152 Resp: 107663

Ion	Ratio	Lower	Upper
152	100		
115	84.6	43.2	129.6
150	174.0	0.0	346.8



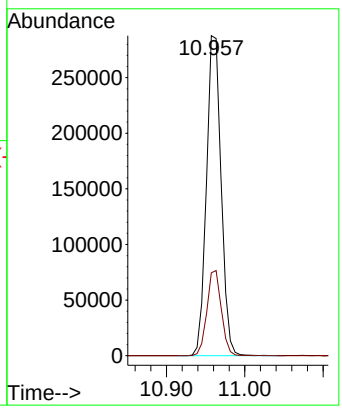


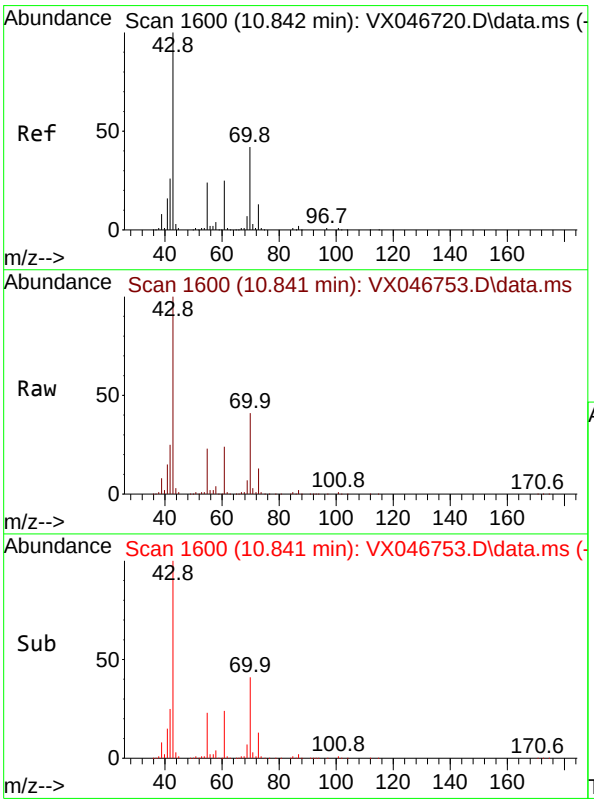
#73
Isopropylbenzene
Concen: 47.134 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:105 Resp: 373743

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	39.0

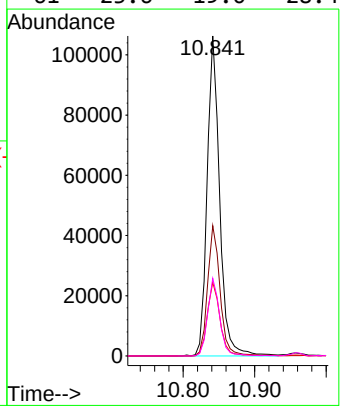


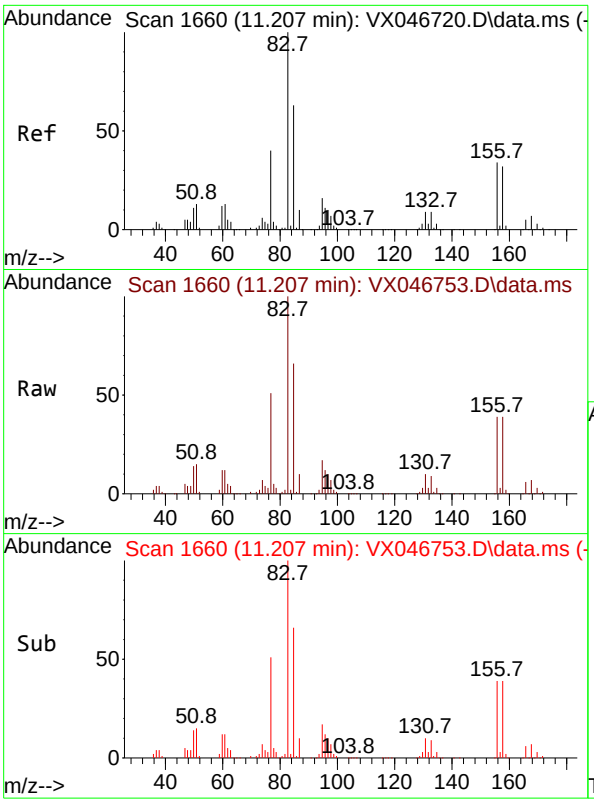


#74
N-amyl acetate
Concen: 43.017 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 43 Resp: 129233

Ion	Ratio	Lower	Upper
43	100		
70	40.8	33.4	50.0
55	23.8	19.1	28.7
61	23.6	19.0	28.4



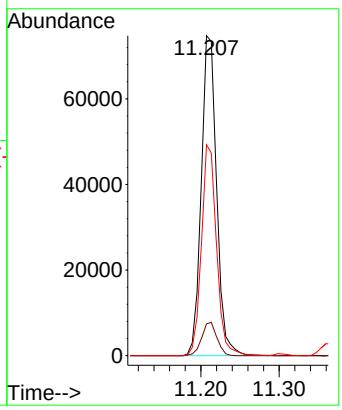


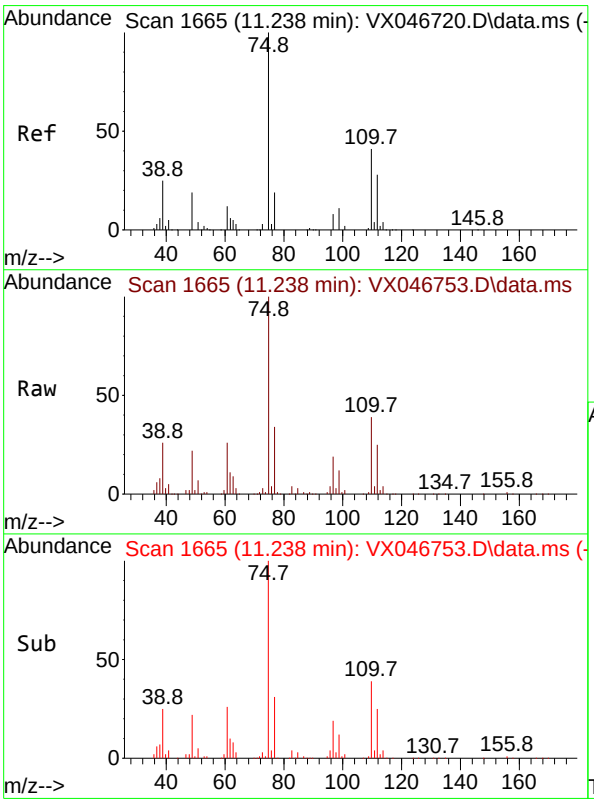
#75
1,1,2,2-Tetrachloroethane
Concen: 45.835 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 83 Resp: 101482

Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.9	14.6
85	64.9	32.0	96.0

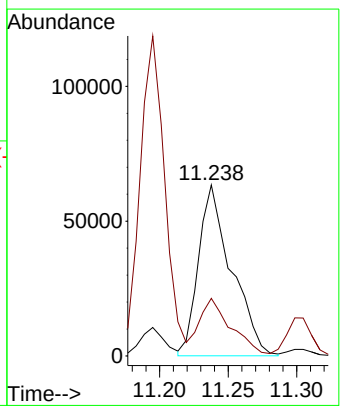


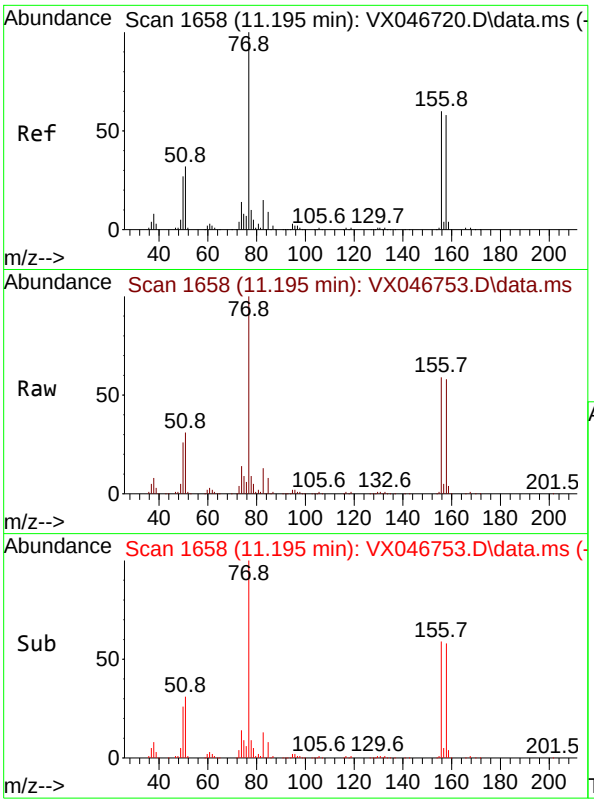


#76
1,2,3-Trichloropropane
Concen: 53.968 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 75 Resp: 106418

Ion	Ratio	Lower	Upper
75	100		
77	32.7	18.5	55.5



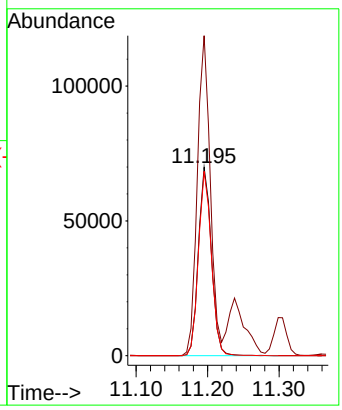


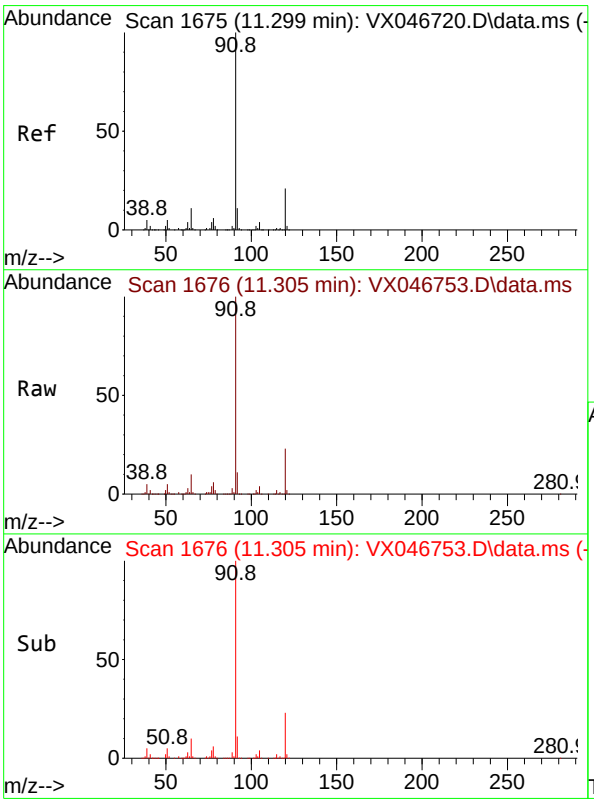
#77
Bromobenzene
Concen: 46.262 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:156 Resp: 88274

Ion	Ratio	Lower	Upper
156	100		
77	169.3	82.8	248.6
158	97.5	47.6	142.9

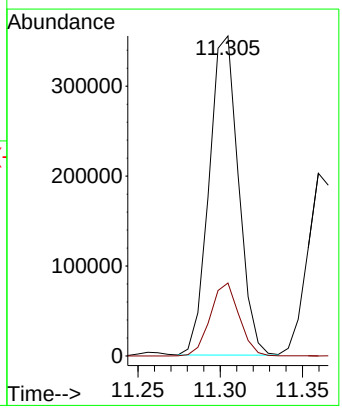


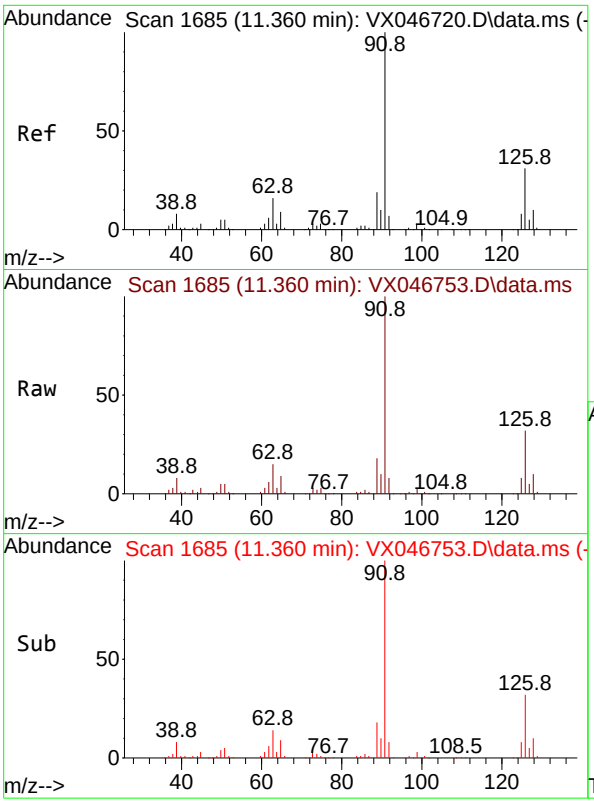


#78
n-propylbenzene
Concen: 46.845 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 91 Resp: 441193

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.1



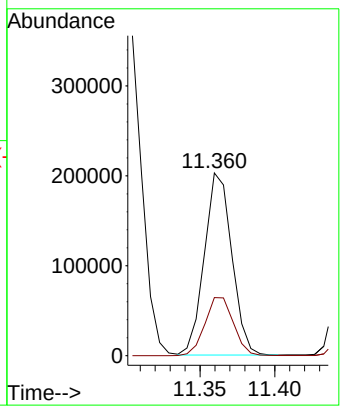


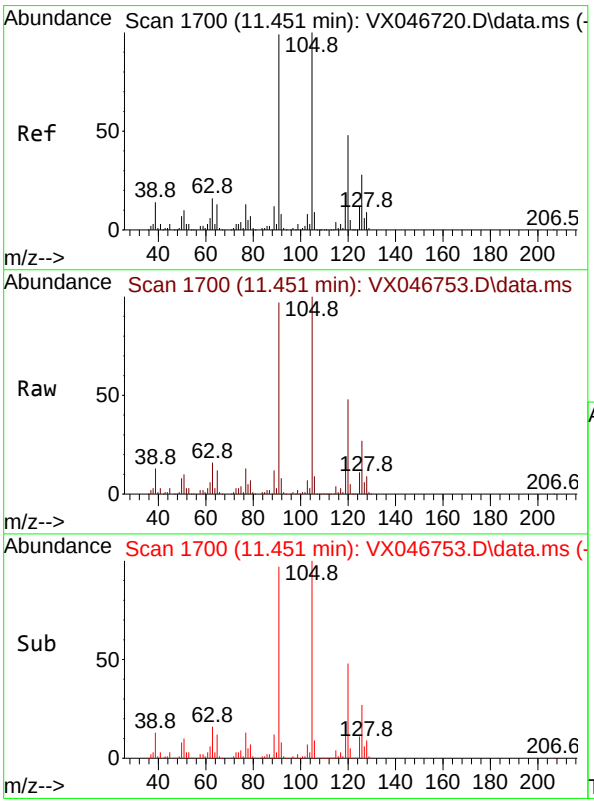
#79
2-Chlorotoluene
Concen: 46.077 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 91 Resp: 259099

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.6	49.7

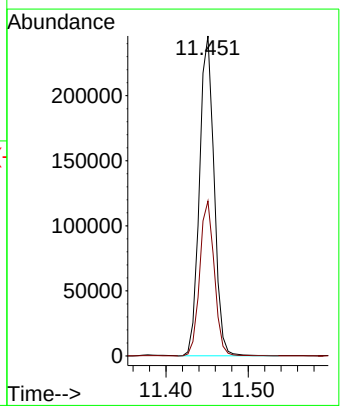


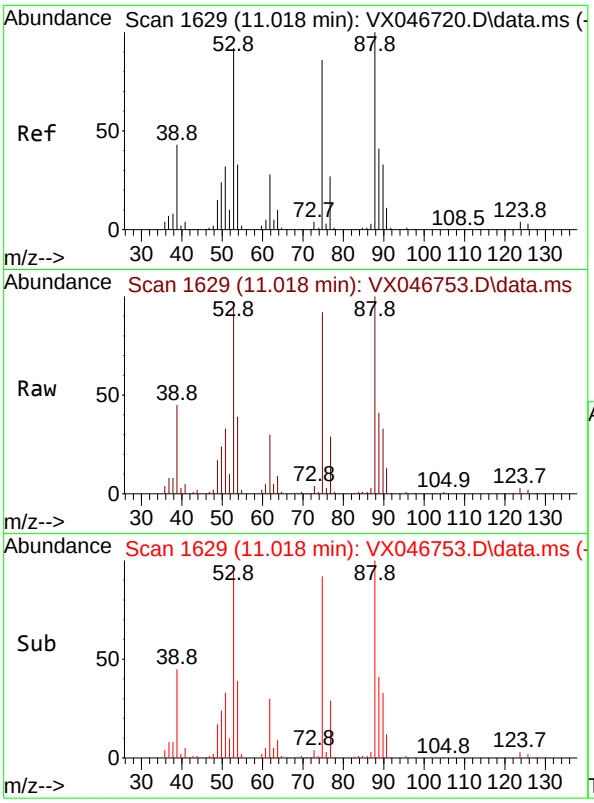


#80
1,3,5-Trimethylbenzene
Concen: 46.723 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:105 Resp: 304450

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.1	72.2



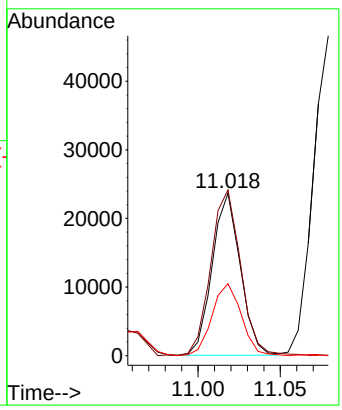


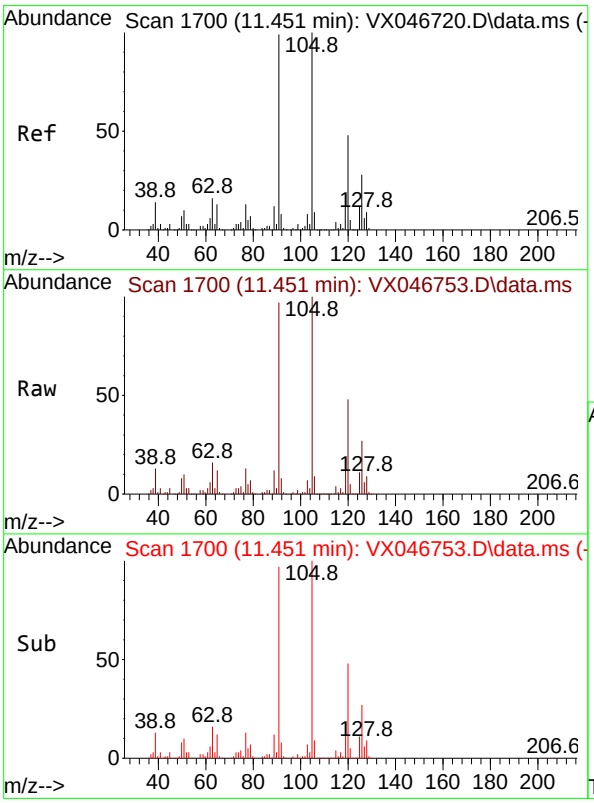
#81
trans-1,4-Dichloro-2-butene
Concen: 40.319 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 75 Resp: 28127

Ion	Ratio	Lower	Upper
75	100		
53	109.0	86.8	130.2
89	46.3	36.9	55.3

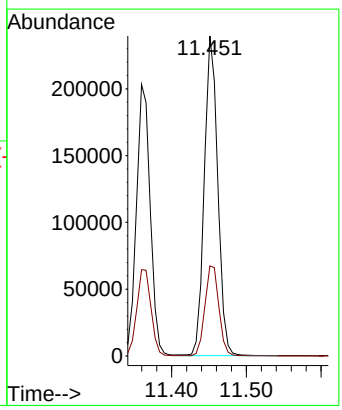


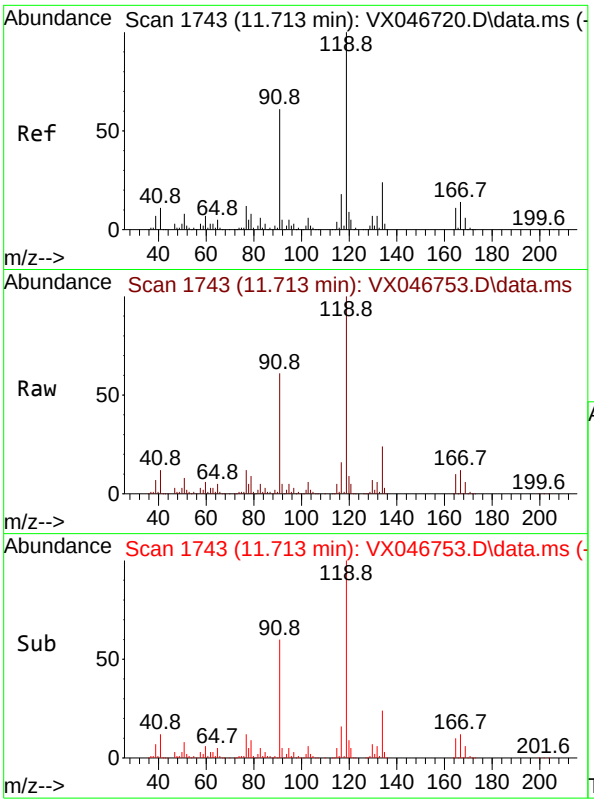


#82
4-Chlorotoluene
Concen: 45.488 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 91 Resp: 298520

Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.4	43.2



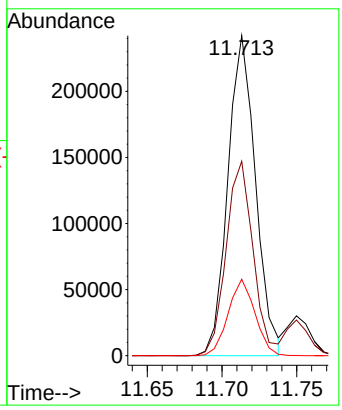


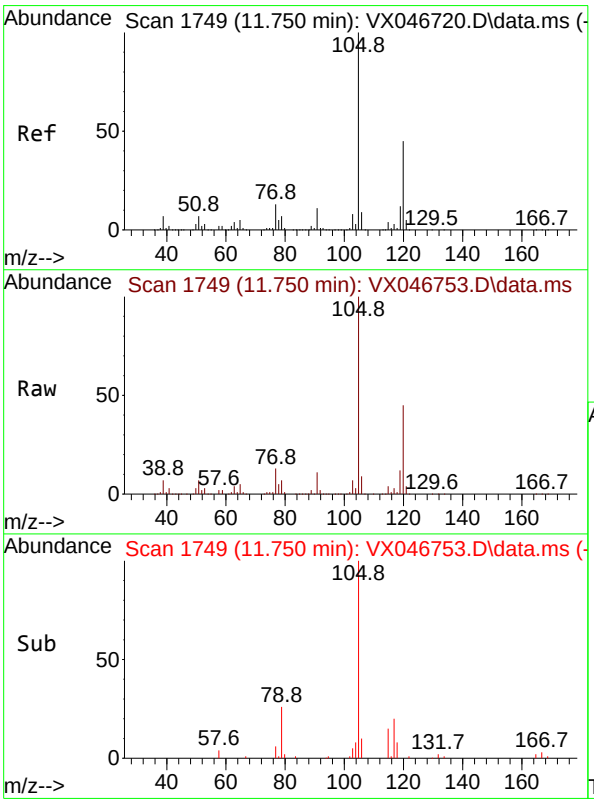
#83
tert-Butylbenzene
Concen: 46.294 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:119 Resp: 311816

Ion	Ratio	Lower	Upper
119	100		
91	59.4	29.5	88.6
134	23.2	11.7	35.0

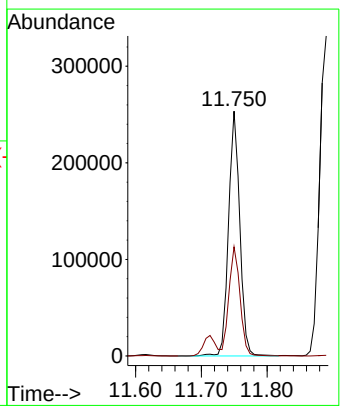


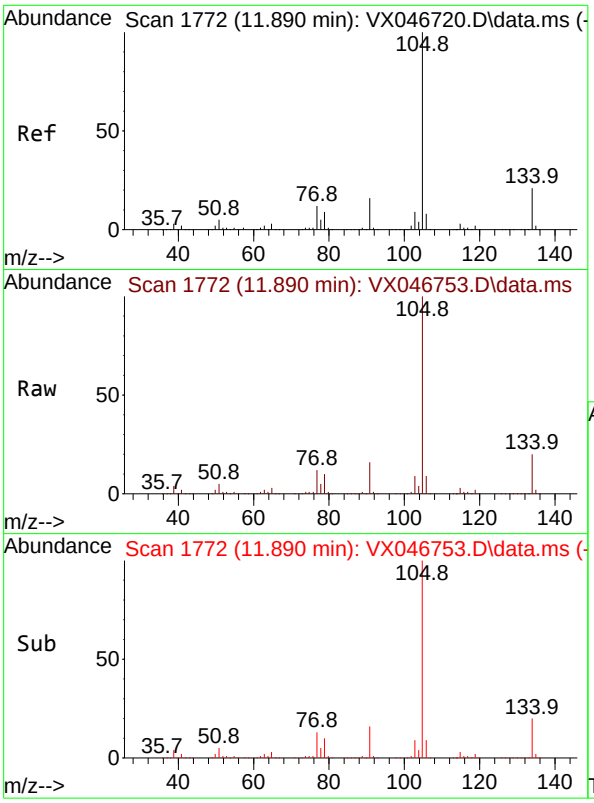


#84
1,2,4-Trimethylbenzene
Concen: 45.969 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:105 Resp: 300943

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.3



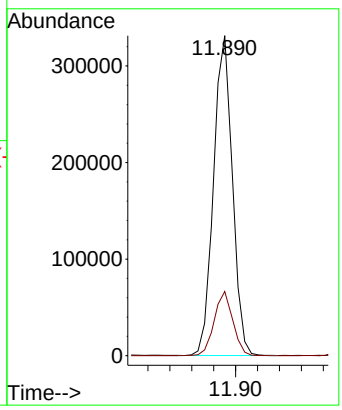


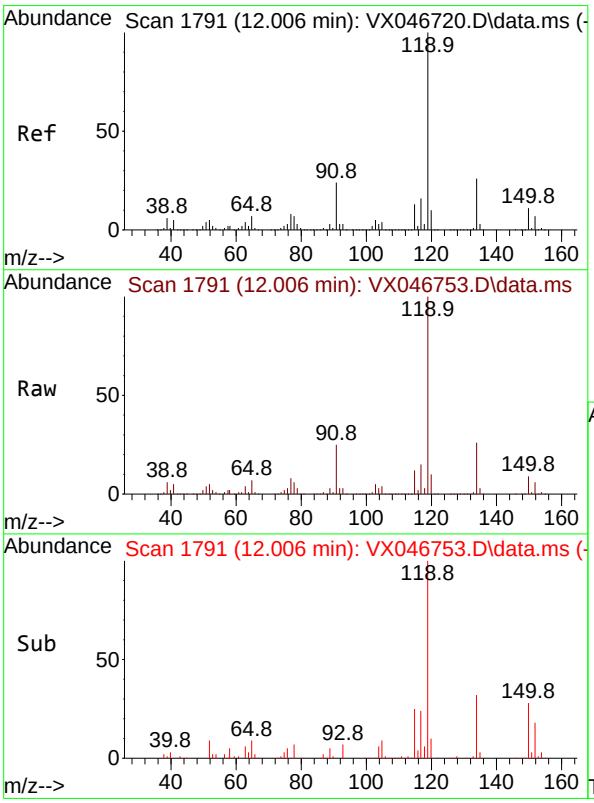
#85
sec-Butylbenzene
Concen: 46.478 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:105 Resp: 395643

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4

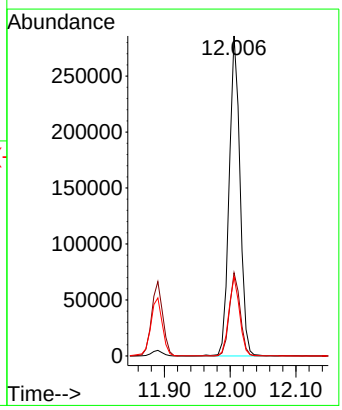


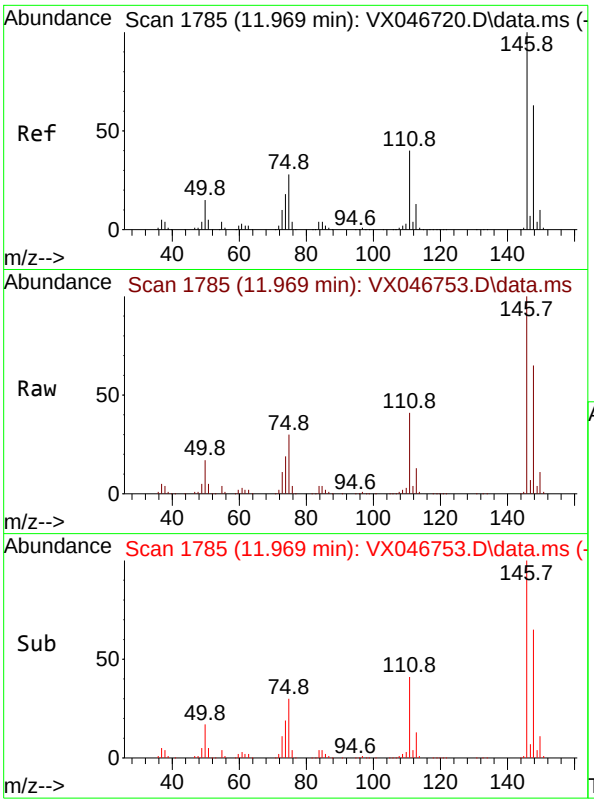


#86
p-Isopropyltoluene
Concen: 45.563 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:119 Resp: 327245

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	24.6	12.3	36.9



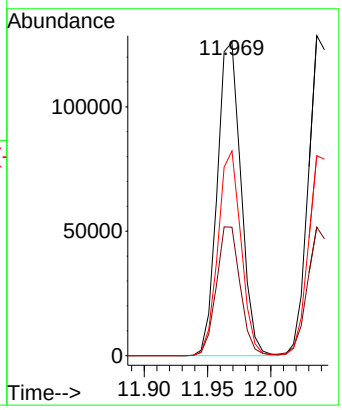


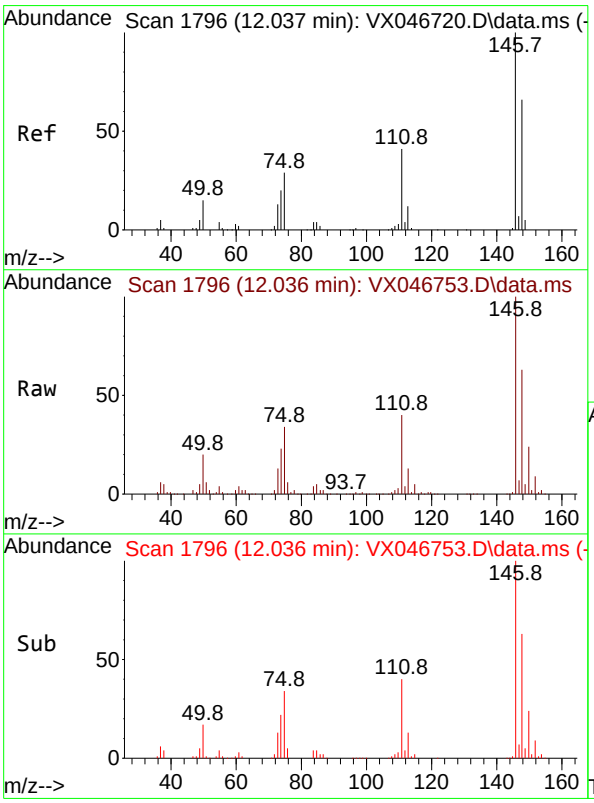
#87
1,3-Dichlorobenzene
Concen: 44.104 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:146 Resp: 164088

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	63.7	31.6	94.8

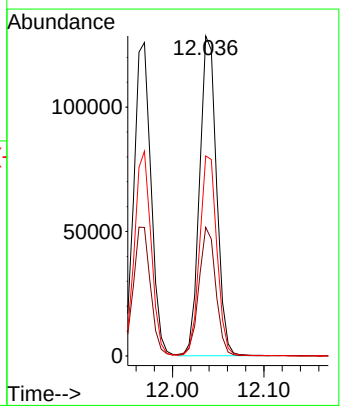


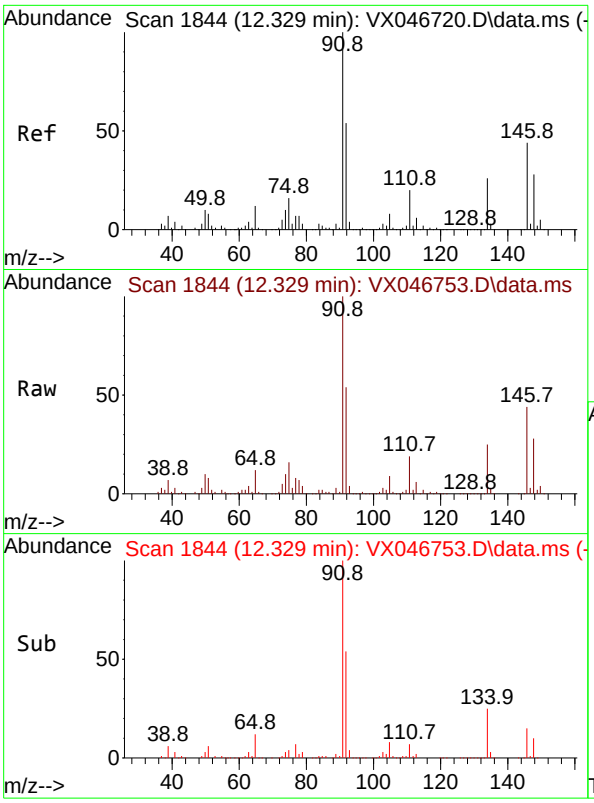


#88
1,4-Dichlorobenzene
Concen: 43.216 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:146 Resp: 165148

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	61.0
148	63.6	32.1	96.5



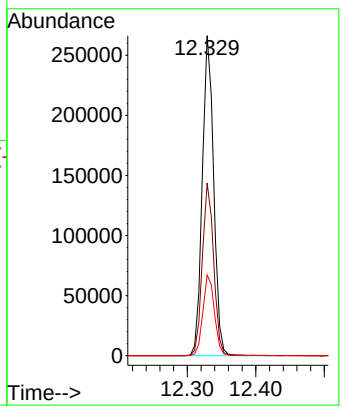


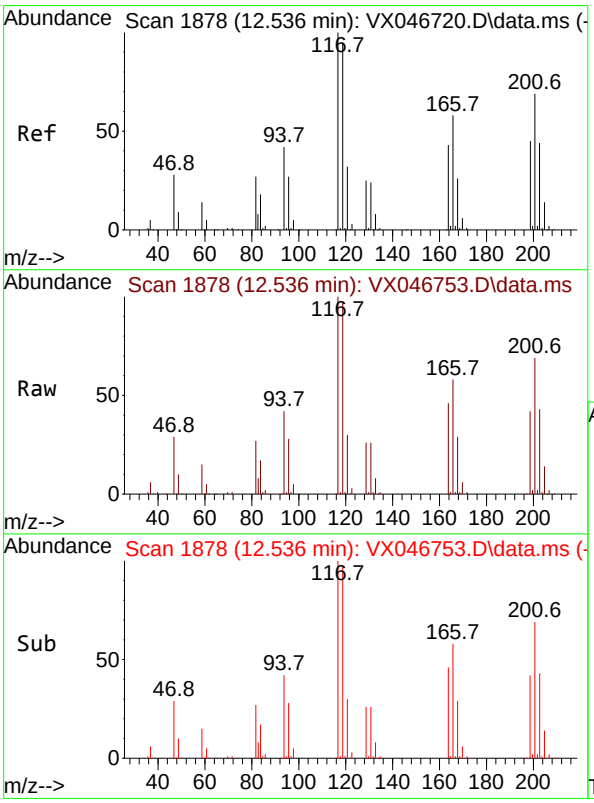
#89
n-Butylbenzene
Concen: 45.200 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion: 91 Resp: 308237

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.1	81.3
134	25.5	12.9	38.6

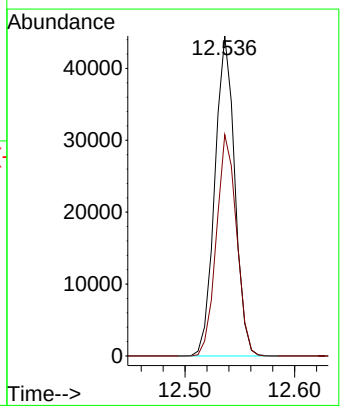


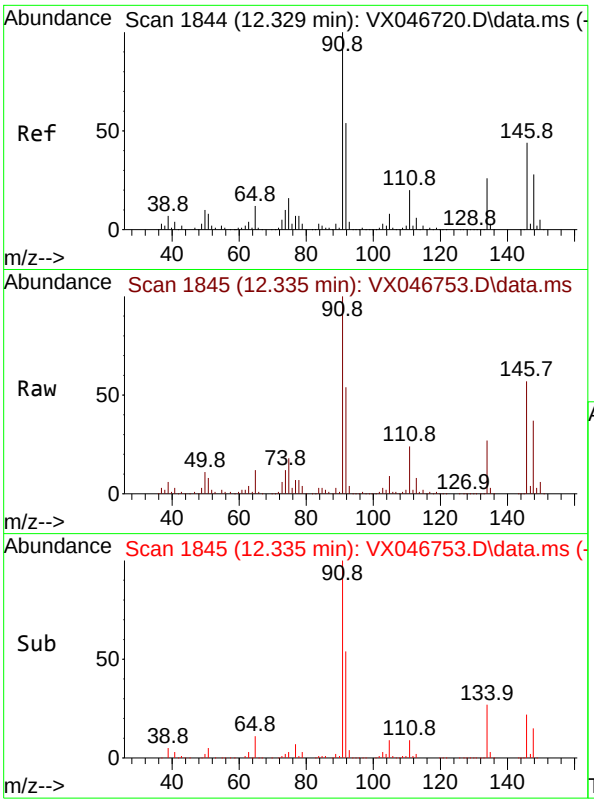


#90
Hexachloroethane
Concen: 44.731 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:117 Resp: 56259

Ion	Ratio	Lower	Upper
117	100		
201	70.1	34.4	103.3



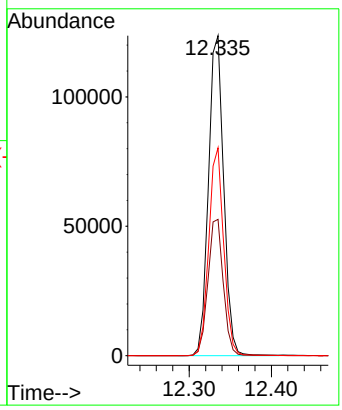


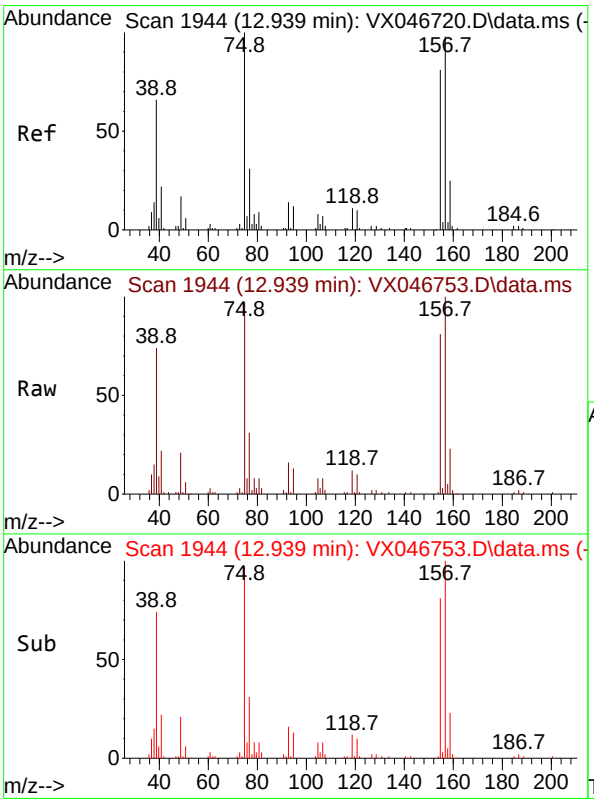
#91
1,2-Dichlorobenzene
Concen: 45.747 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:146 Resp: 159052

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.7	65.1
148	63.6	32.0	96.2

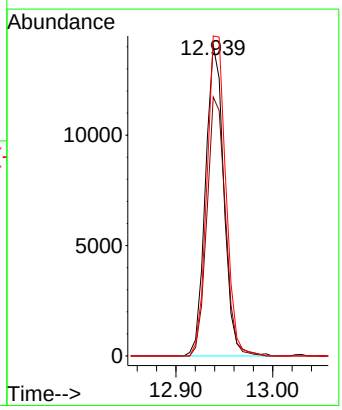


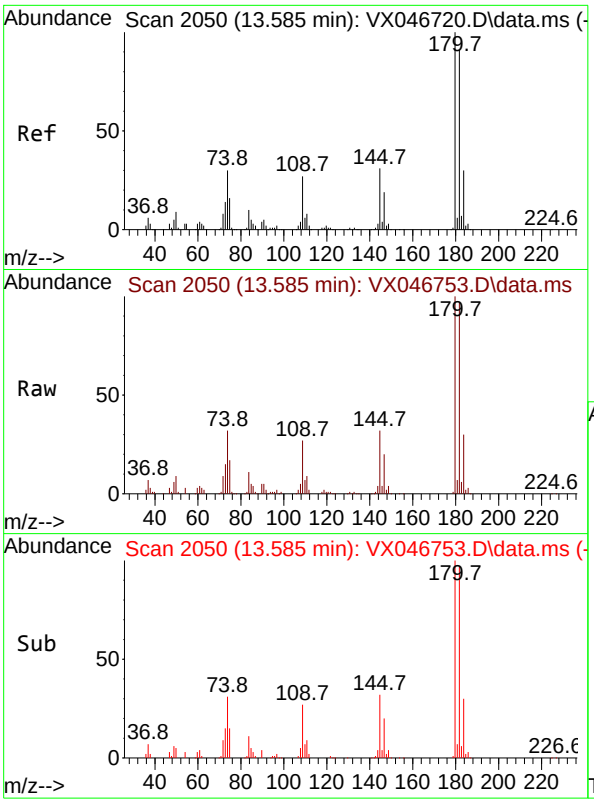


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.584 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion: 75 Resp: 18614

Ion	Ratio	Lower	Upper
75	100		
155	83.4	41.9	125.7
157	105.8	51.4	154.3



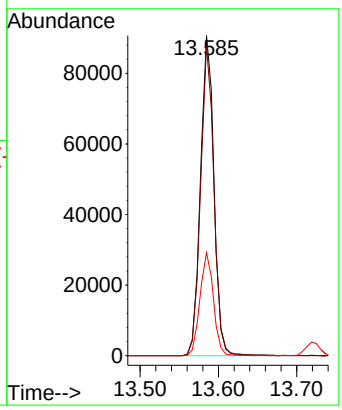


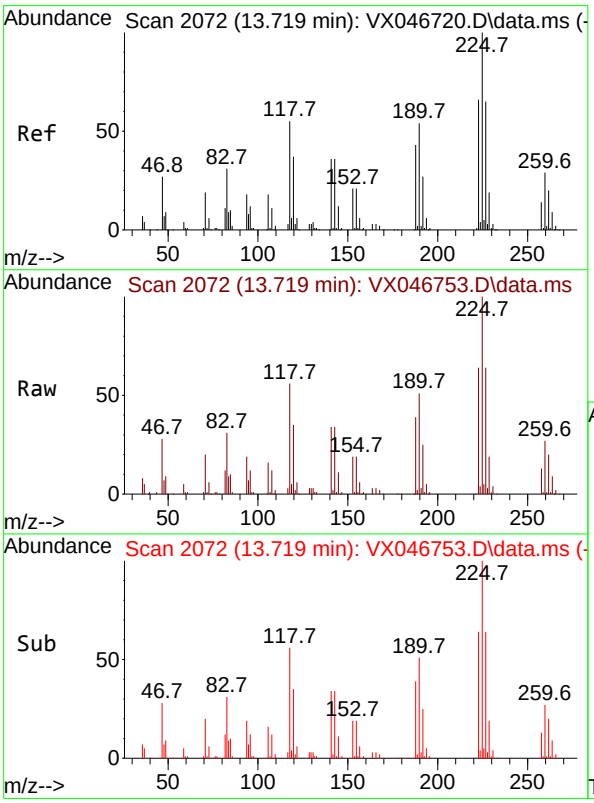
#93
1,2,4-Trichlorobenzene
Concen: 43.840 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:180 Resp: 108363

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.7	140.1
145	32.1	15.8	47.4

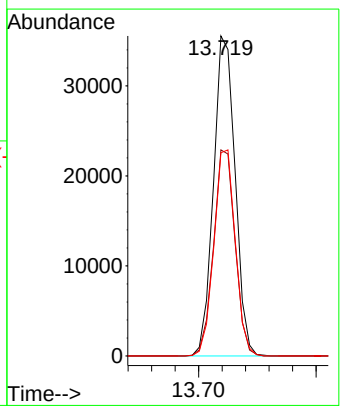


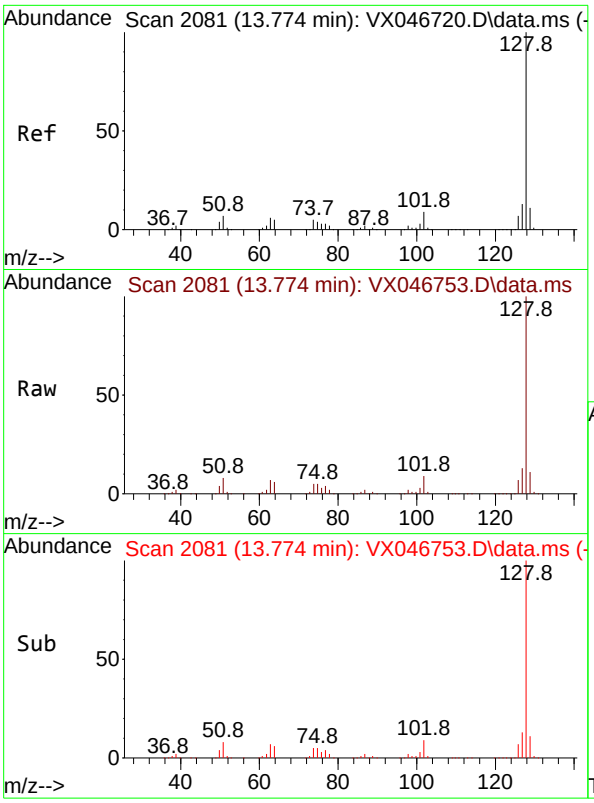


#94
Hexachlorobutadiene
Concen: 43.717 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:225 Resp: 45456

Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.5	97.5
227	63.7	32.2	96.6



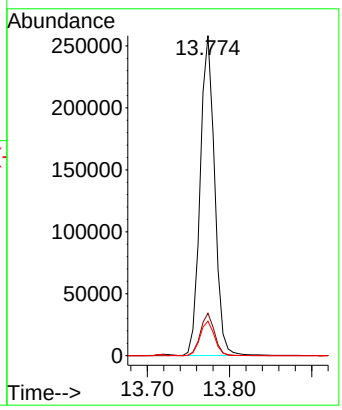


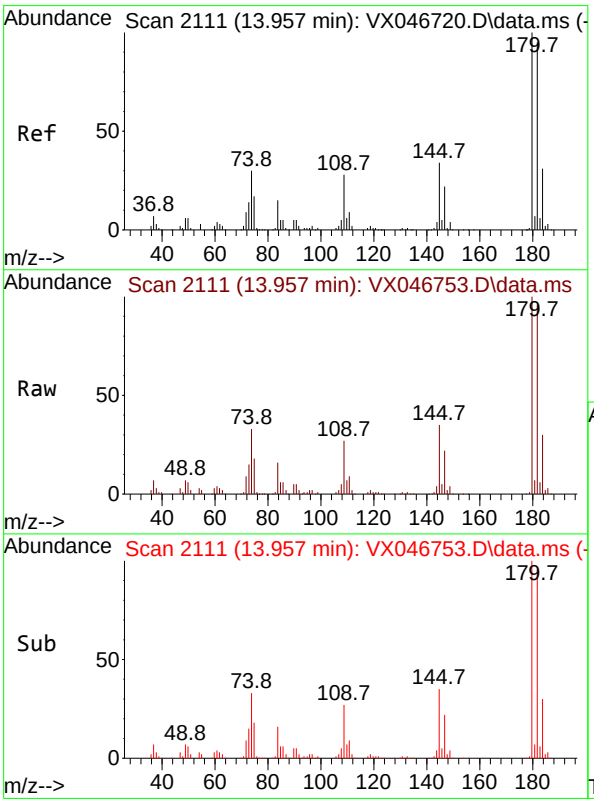
#95
Naphthalene
Concen: 44.859 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MS

Tgt Ion:128 Resp: 315902

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.9	8.7	13.1

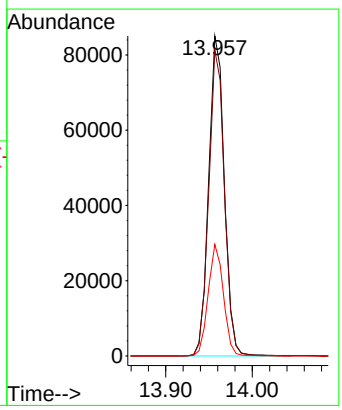




#96
1,2,3-Trichlorobenzene
Concen: 45.185 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046753.D
Acq: 18 Jun 2025 18:58

Tgt Ion:180 Resp: 106849

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.4
145	34.1	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046754.D
Acq On : 18 Jun 2025 19:19
Operator : JC/MD
Sample : Q2345-09MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Quant Time: Jun 19 01:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	136146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94570	50.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.440%			
35) Dibromofluoromethane	5.397	113	77727	51.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	8.653	98	279885	51.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.079	95	106632	52.509	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	71499	49.190	ug/l	100
3) Chloromethane	1.307	50	75717	48.261	ug/l	99
4) Vinyl Chloride	1.386	62	82735	49.452	ug/l	96
5) Bromomethane	1.624	94	51332	54.534	ug/l	98
6) Chloroethane	1.703	64	51273	50.564	ug/l	97
7) Trichlorofluoromethane	1.904	101	121673	47.896	ug/l	98
8) Diethyl Ether	2.148	74	43167	49.514	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	73891	47.413	ug/l	99
10) Methyl Iodide	2.471	142	91117	46.992	ug/l	100
11) Tert butyl alcohol	2.959	59	31958	189.076	ug/l	99
12) 1,1-Dichloroethene	2.337	96	74340	49.435	ug/l	98
13) Acrolein	2.246	56	49290	200.209	ug/l	99
14) Allyl chloride	2.678	41	129854	47.659	ug/l	99
15) Acrylonitrile	3.075	53	177351	233.349	ug/l	99
16) Acetone	2.386	43	130426	207.691	ug/l	98
17) Carbon Disulfide	2.526	76	207359	45.662	ug/l	99
18) Methyl Acetate	2.715	43	68754	43.107	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	218922	46.754	ug/l	99
20) Methylene Chloride	2.800	84	81126	46.453	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	76658	47.641	ug/l	99
22) Diisopropyl ether	3.770	45	262340	50.093	ug/l	96
23) Vinyl Acetate	3.733	43	965332	231.797	ug/l	99
24) 1,1-Dichloroethane	3.623	63	144398	48.562	ug/l	99
25) 2-Butanone	4.562	43	200792	226.078	ug/l	96
26) 2,2-Dichloropropane	4.489	77	90561	41.759	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	92038	48.686	ug/l	99
28) Bromochloromethane	4.910	49	75253	55.824	ug/l	99
29) Tetrahydrofuran	5.013	42	130955	228.277	ug/l	99
30) Chloroform	5.105	83	148146	49.820	ug/l	95
31) Cyclohexane	5.483	56	133192	47.234	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	126773	48.610	ug/l	99
36) 1,1-Dichloropropene	5.702	75	104116	47.566	ug/l	100
37) Ethyl Acetate	4.721	43	84018	41.584	ug/l	98
38) Carbon Tetrachloride	5.690	117	111625	46.991	ug/l	99
39) Methylcyclohexane	7.385	83	133155	46.228	ug/l	97
40) Benzene	6.050	78	314925	48.615	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046754.D
Acq On : 18 Jun 2025 19:19
Operator : JC/MD
Sample : Q2345-09MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Quant Time: Jun 19 01:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	52495	48.736	ug/l		95
42) 1,2-Dichloroethane	6.092	62	108485	47.657	ug/l		99
43) Isopropyl Acetate	6.348	43	140603	44.472	ug/l		99
44) Trichloroethene	7.129	130	79238	47.998	ug/l		99
45) 1,2-Dichloropropane	7.434	63	79040	49.233	ug/l		97
46) Dibromomethane	7.586	93	55469	48.075	ug/l		99
47) Bromodichloromethane	7.824	83	114825	48.767	ug/l		99
48) Methyl methacrylate	7.696	41	77040	48.587	ug/l		98
49) 1,4-Dioxane	7.659	88	17811	778.593	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	438885	232.751	ug/l		99
52) Toluene	8.720	92	195988	48.803	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	105565	48.322	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	119051	48.004	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	72658	48.550	ug/l		99
56) Ethyl methacrylate	9.116	69	108226	48.989	ug/l		100
57) 1,3-Dichloropropane	9.305	76	126284	49.000	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.177	63	331	0.288	ug/l	#	46
59) 2-Hexanone	9.427	43	296453	227.408	ug/l		100
60) Dibromochloromethane	9.519	129	85100	48.252	ug/l		100
61) 1,2-Dibromoethane	9.610	107	73799	48.479	ug/l		100
64) Tetrachloroethene	9.275	164	64553	44.698	ug/l		97
65) Chlorobenzene	10.079	112	215369	46.805	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	73173	47.316	ug/l		99
67) Ethyl Benzene	10.195	91	378857	47.122	ug/l		99
68) m/p-Xylenes	10.299	106	284493	94.966	ug/l		98
69) o-Xylene	10.640	106	138291	49.257	ug/l		97
70) Styrene	10.653	104	238827	48.609	ug/l		99
71) Bromoform	10.799	173	54094	45.930	ug/l	#	98
73) Isopropylbenzene	10.963	105	364190	48.101	ug/l		100
74) N-amyl acetate	10.842	43	127025	44.281	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	99601	47.113	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	104230	55.358	ug/l		92
77) Bromobenzene	11.195	156	86823	47.653	ug/l		98
78) n-propylbenzene	11.305	91	431403	47.971	ug/l		99
79) 2-Chlorotoluene	11.360	91	251143	46.774	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	296303	47.623	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	28498	42.782	ug/l		97
82) 4-Chlorotoluene	11.451	91	295188	47.107	ug/l		99
83) tert-Butylbenzene	11.713	119	305236	47.460	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	298376	47.732	ug/l		99
85) sec-Butylbenzene	11.890	105	384840	47.347	ug/l		100
86) p-Isopropyltoluene	12.006	119	319898	46.646	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	159621	44.932	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	160122	43.882	ug/l		100
89) n-Butylbenzene	12.329	91	301016	46.228	ug/l		100
90) Hexachloroethane	12.536	117	55160	45.931	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	155619	46.876	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18501	44.327	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	107118	45.385	ug/l		98
94) Hexachlorobutadiene	13.719	225	45542	45.870	ug/l		97
95) Naphthalene	13.774	128	315148	46.868	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	105398	46.678	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046754.D
Acq On : 18 Jun 2025 19:19
Operator : JC/MD
Sample : Q2345-09MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Quant Time: Jun 19 01:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

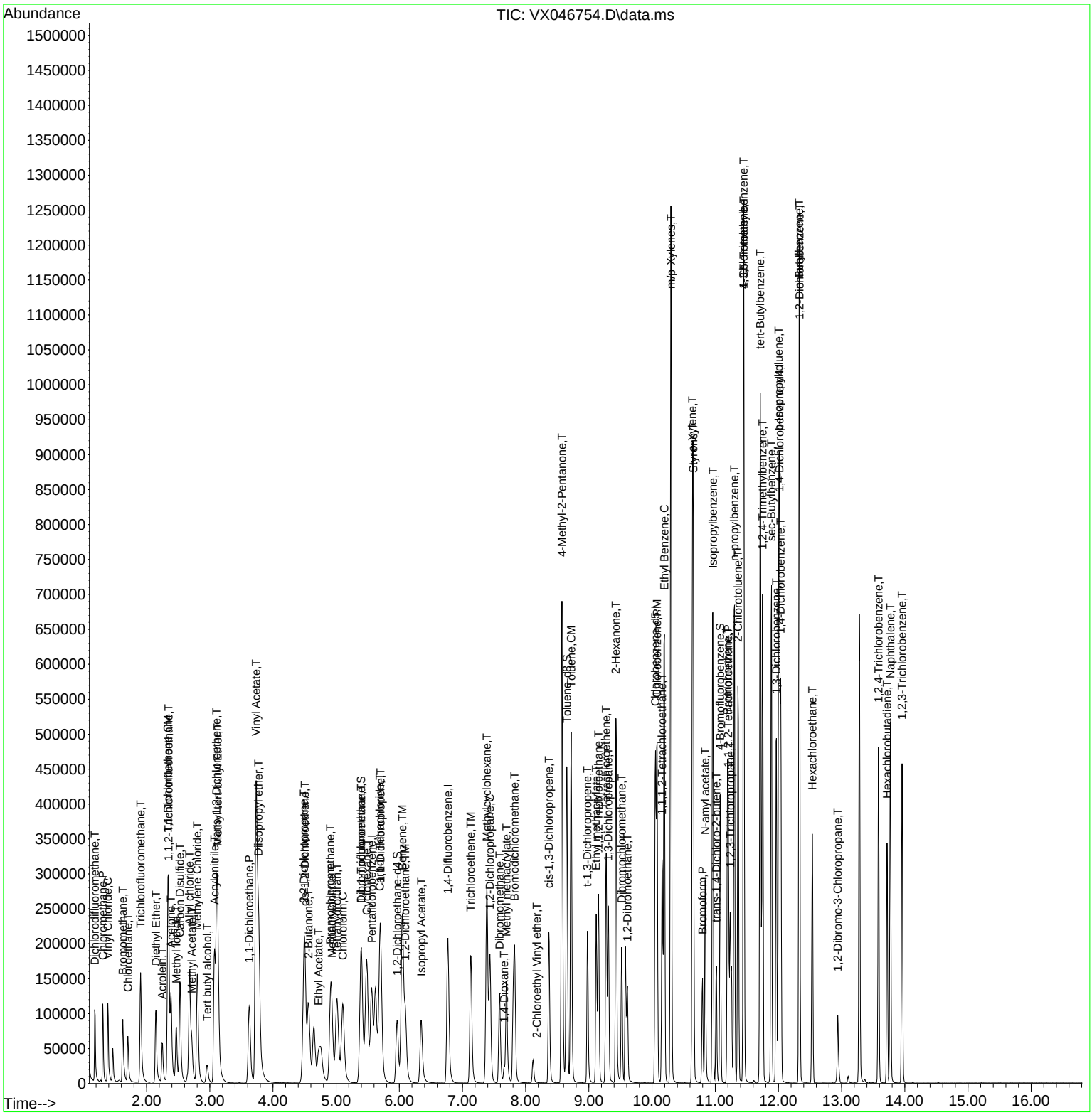
(#) = qualifier out of range (m) = manual integration (+) = signals summed

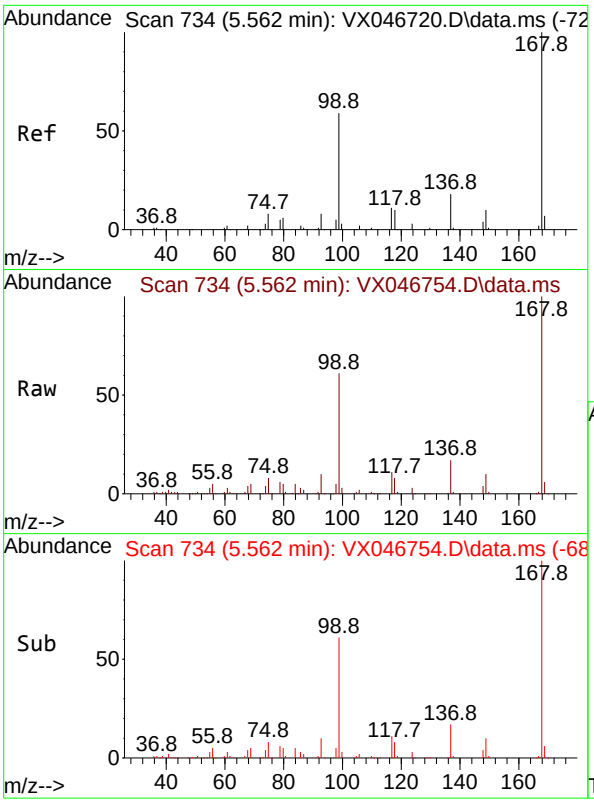
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046754.D
Acq On : 18 Jun 2025 19:19
Operator : JC/MD
Sample : Q2345-09MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Quant Time: Jun 19 01:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



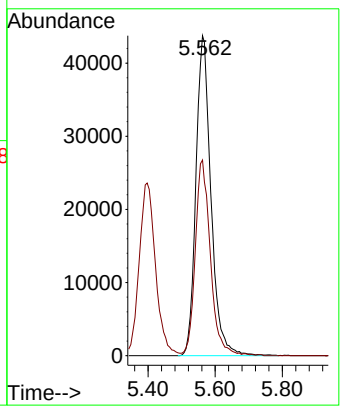


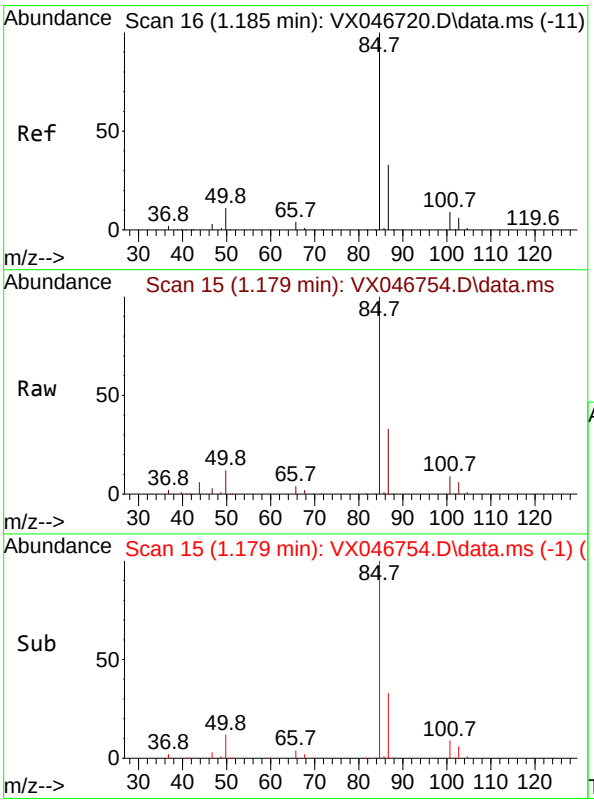
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:168 Resp: 136146

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.5	72.7

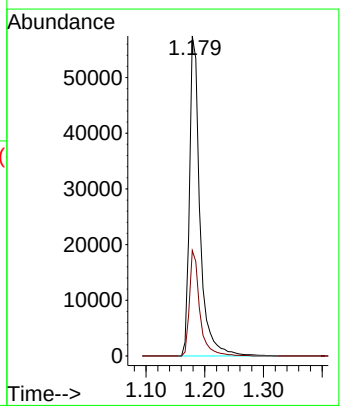


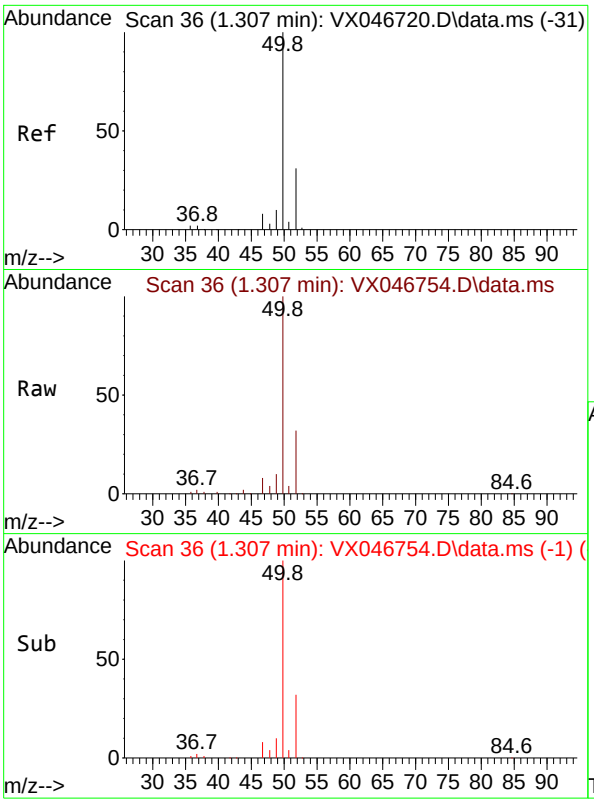


#2
Dichlorodifluoromethane
Concen: 49.190 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 85 Resp: 71499

Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.6	49.8



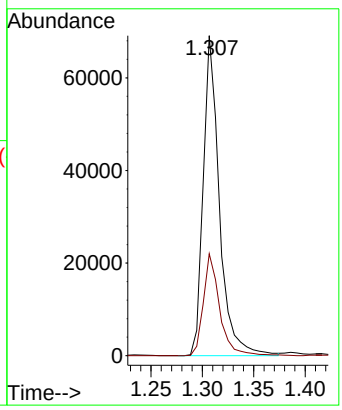


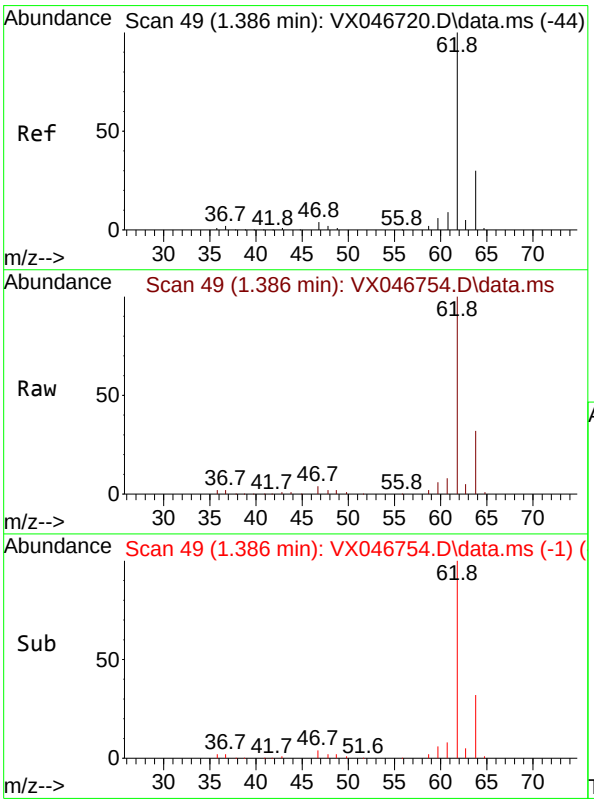
#3
Chloromethane
Concen: 48.261 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 50 Resp: 75717

Ion	Ratio	Lower	Upper
50	100		
52	31.8	24.9	37.3

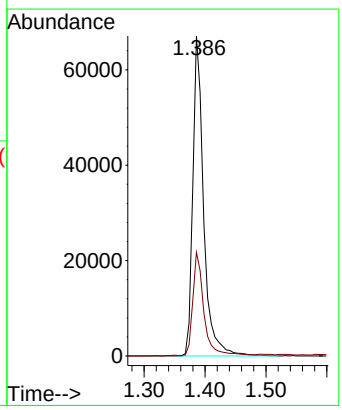


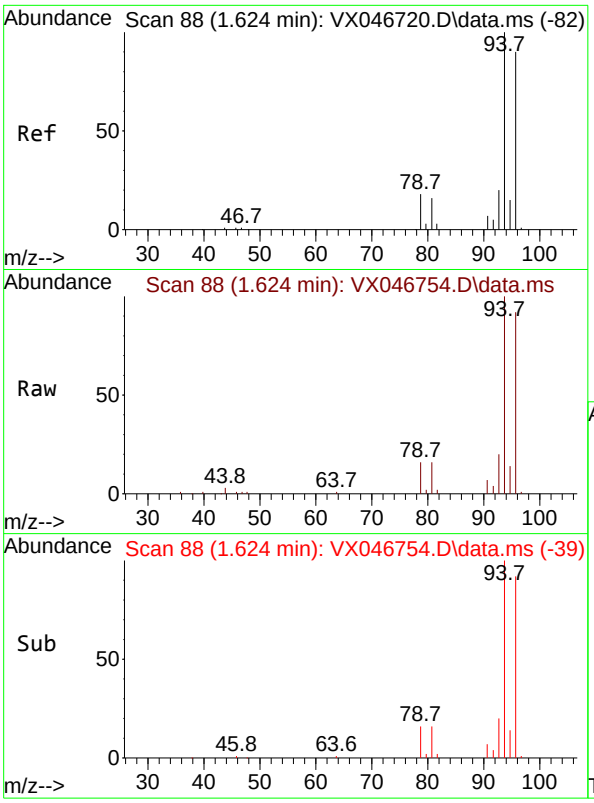


#4
Vinyl Chloride
Concen: 49.452 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 62 Resp: 82735

Ion	Ratio	Lower	Upper
62	100		
64	32.3	23.9	35.9



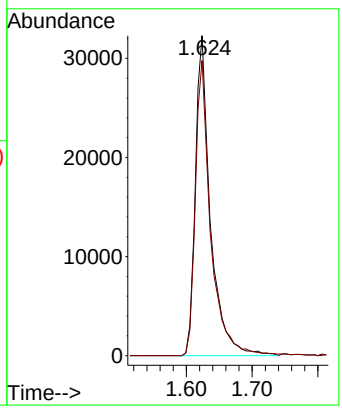


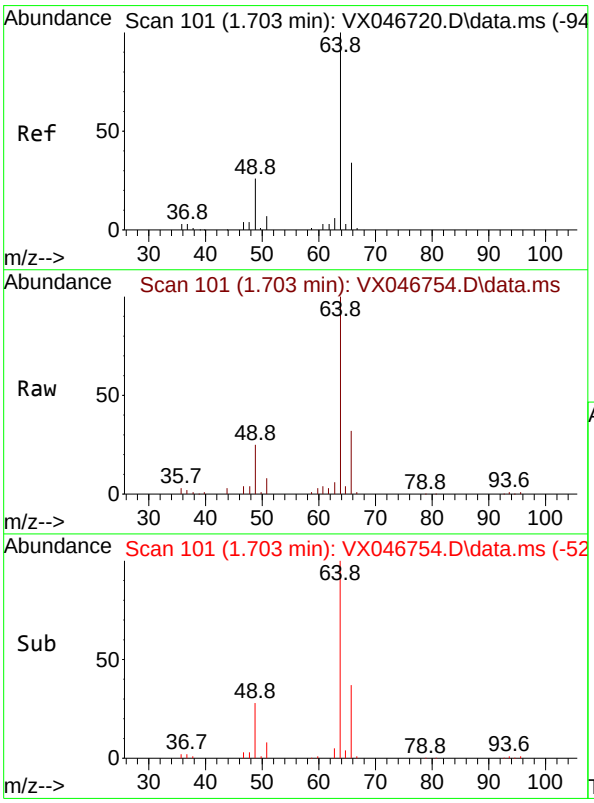
#5
Bromomethane
Concen: 54.534 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 94 Resp: 51332

Ion	Ratio	Lower	Upper
94	100		
96	92.3	72.3	108.5

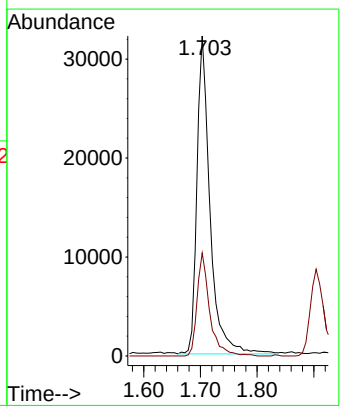


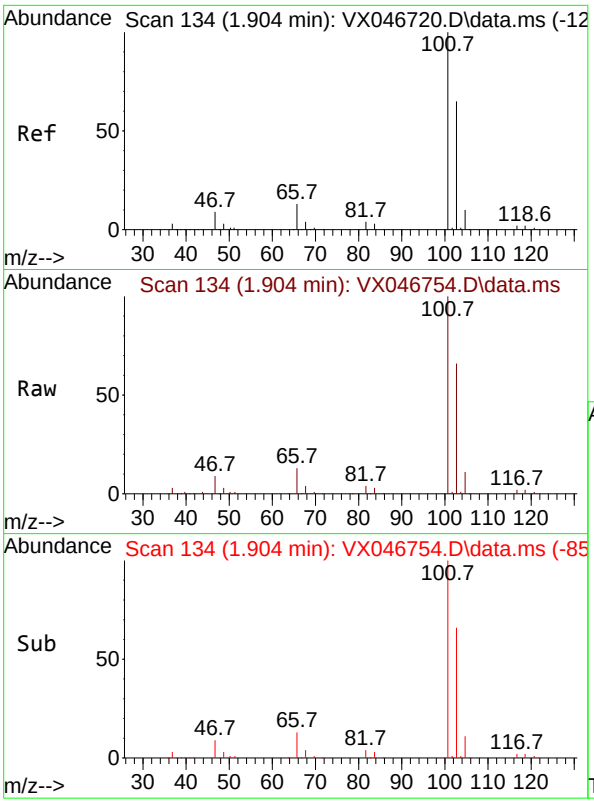


#6
Chloroethane
Concen: 50.564 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 64 Resp: 51273

Ion	Ratio	Lower	Upper
64	100		
66	32.4	27.1	40.7



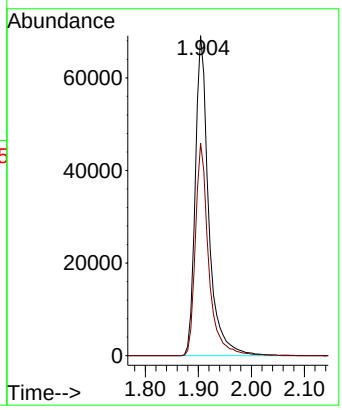


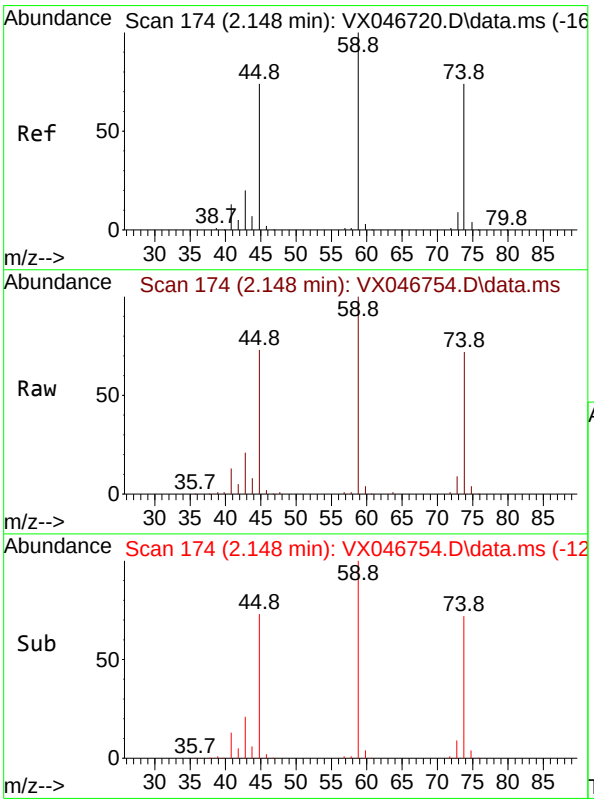
#7
Trichlorofluoromethane
Concen: 47.896 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:101 Resp: 121673

Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.8	77.8

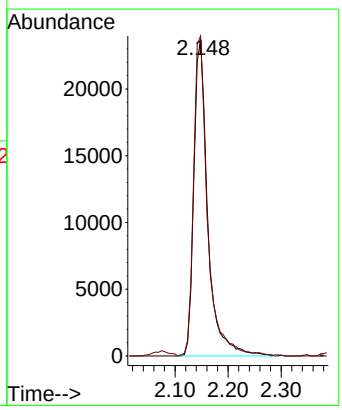


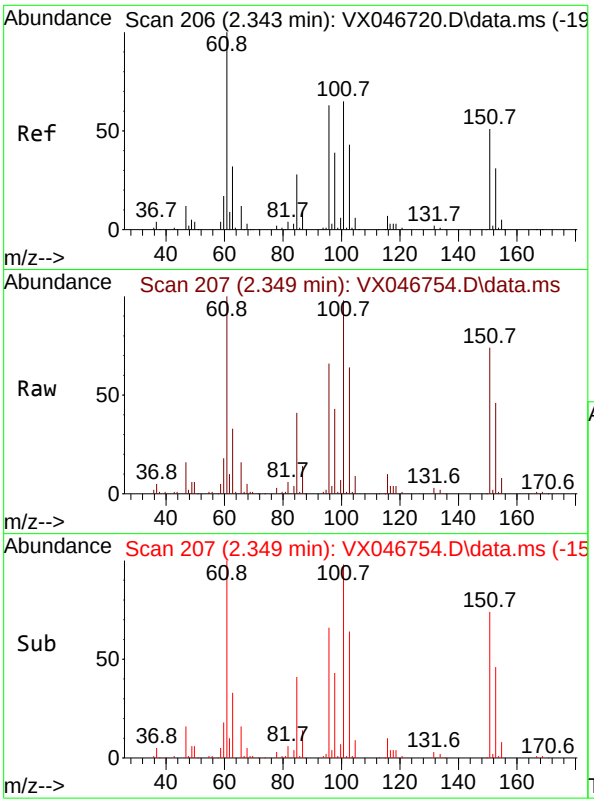


#8
Diethyl Ether
Concen: 49.514 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 74 Resp: 43167

Ion	Ratio	Lower	Upper
74	100		
45	101.8	52.3	157.1



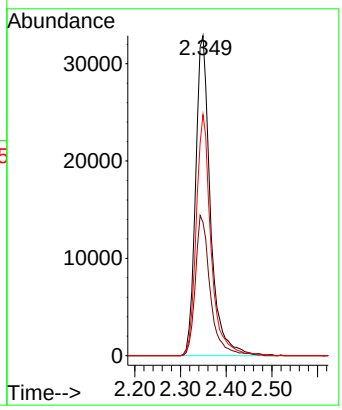


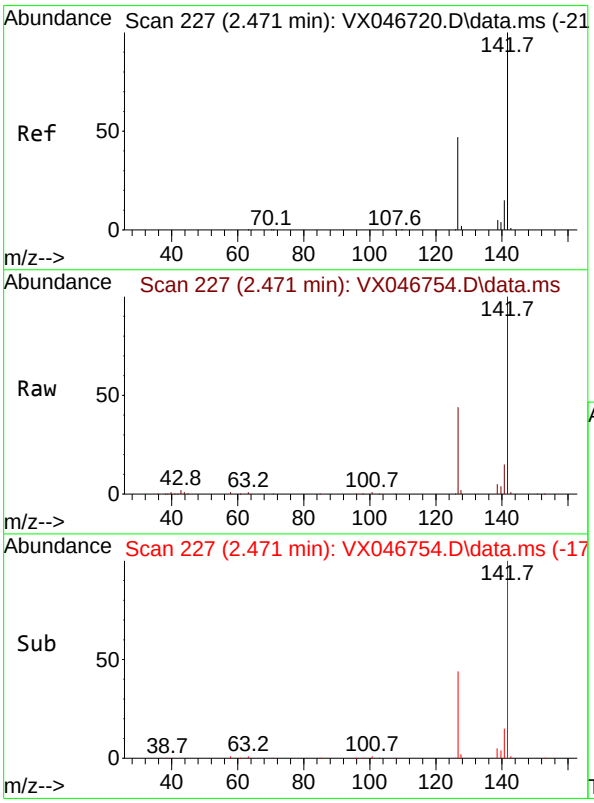
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.413 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:101 Resp: 73891

Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.4	53.0
151	75.3	61.2	91.8

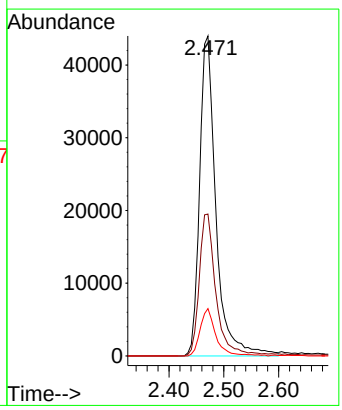


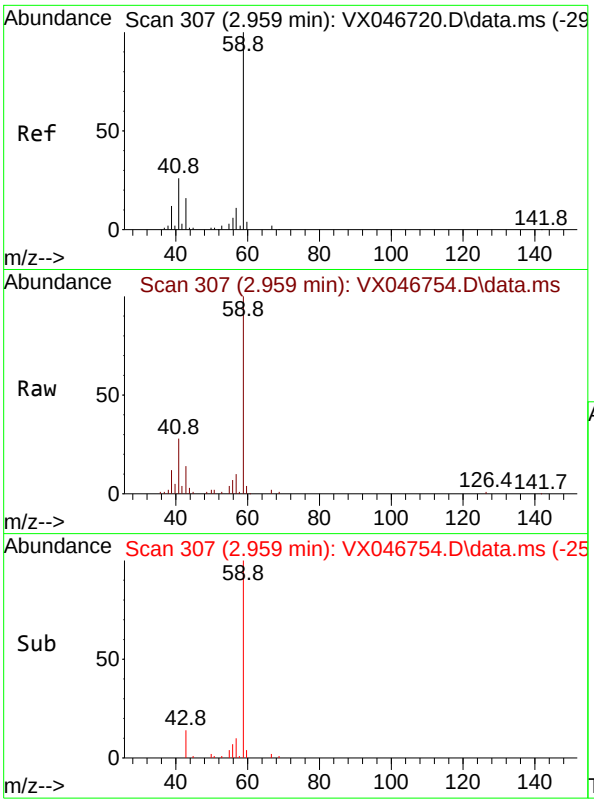


#10
Methyl Iodide
Concen: 46.992 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:142 Resp: 91117

Ion	Ratio	Lower	Upper
142	100		
127	46.4	37.0	55.6
141	14.3	11.5	17.3



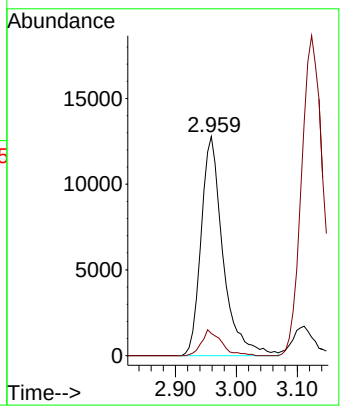


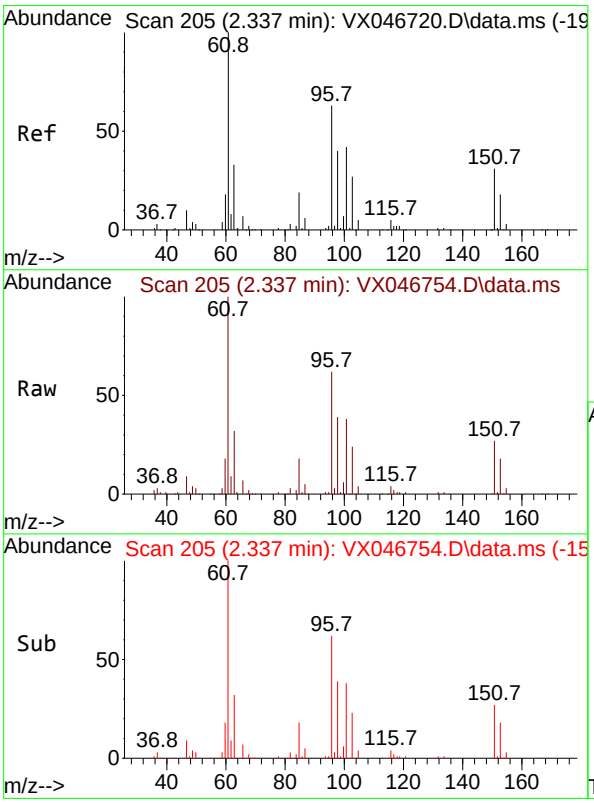
#11
Tert butyl alcohol
Concen: 189.076 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 59 Resp: 31958

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

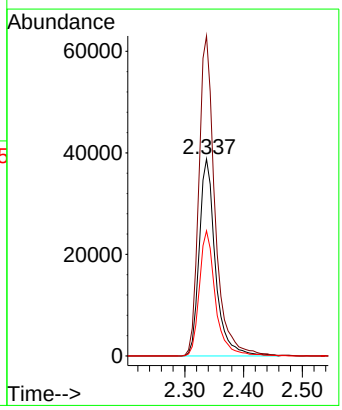


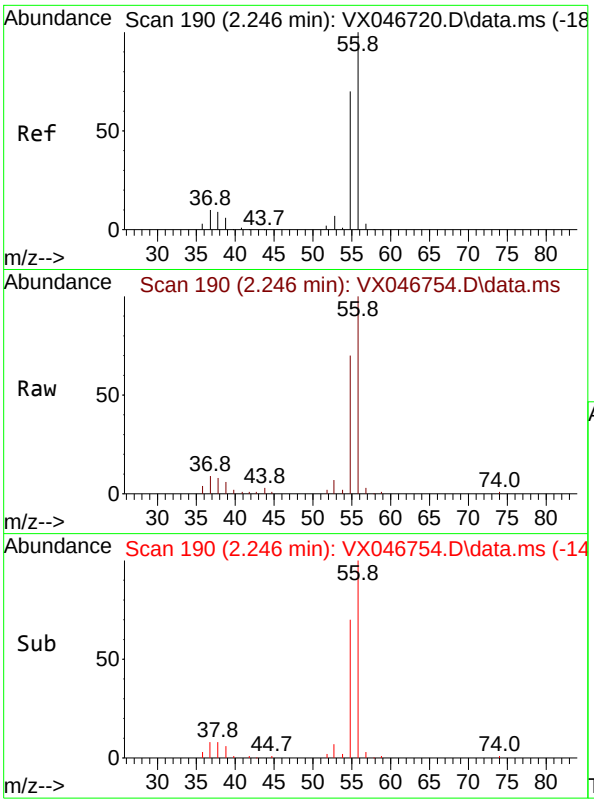


#12
1,1-Dichloroethene
Concen: 49.435 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 96 Resp: 74340

Ion	Ratio	Lower	Upper
96	100		
61	162.4	126.6	189.8
98	63.5	50.7	76.1



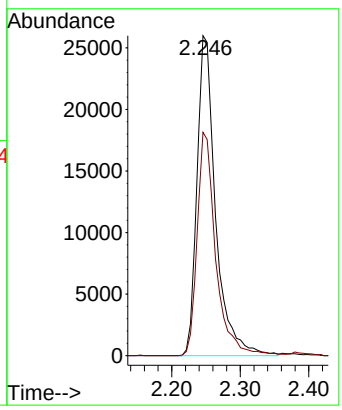


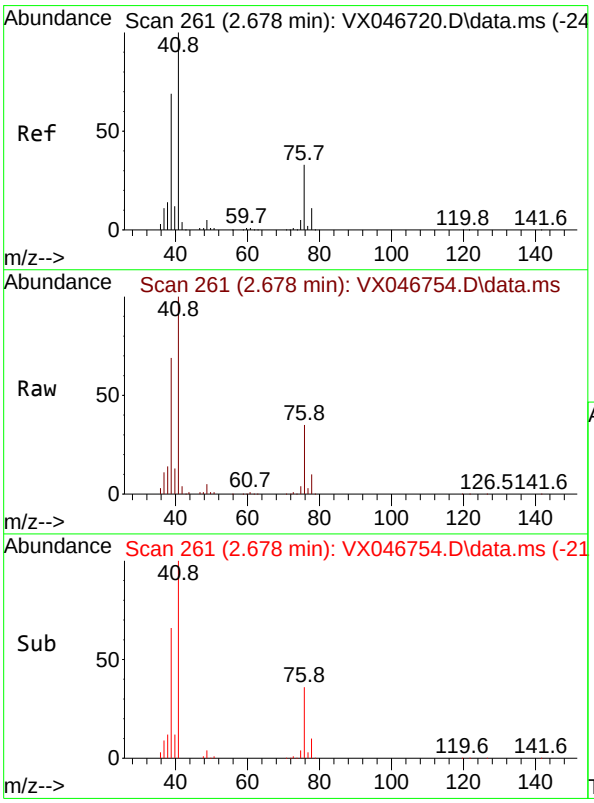
#13
Acrolein
Concen: 200.209 ug/l
RT: 2.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 56 Resp: 49290

Ion	Ratio	Lower	Upper
56	100		
55	69.8	55.2	82.8

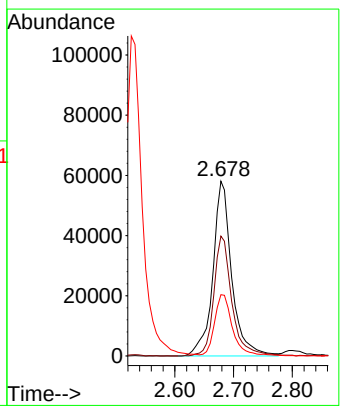


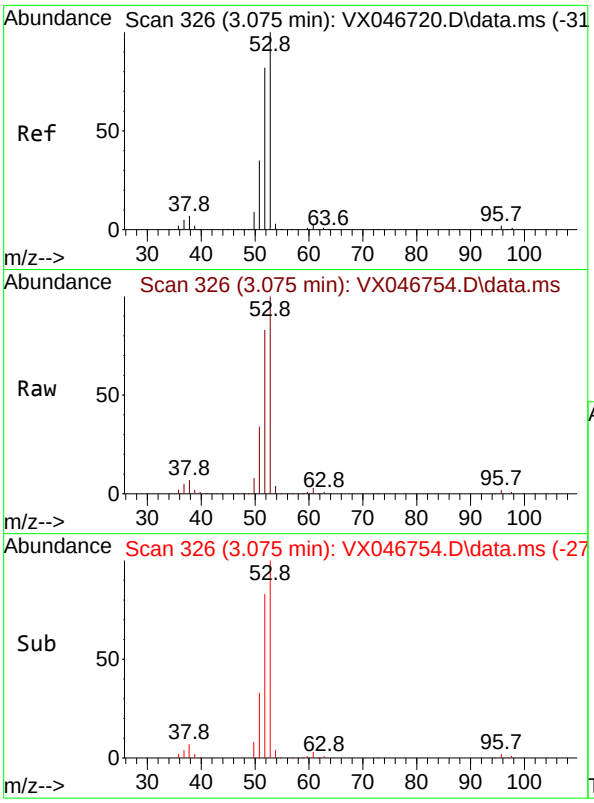


#14
Allyl chloride
Concen: 47.659 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 41 Resp: 129854

Ion	Ratio	Lower	Upper
41	100		
39	65.4	53.6	80.4
76	33.5	26.8	40.2



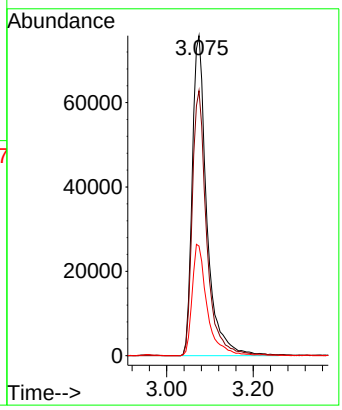


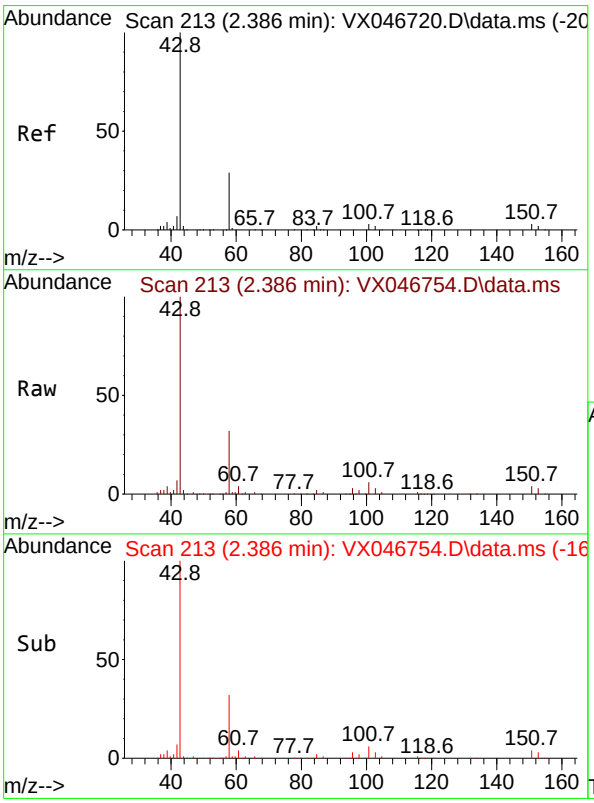
#15
Acrylonitrile
Concen: 233.349 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 53 Resp: 177351

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.1	97.7
51	35.7	28.9	43.3

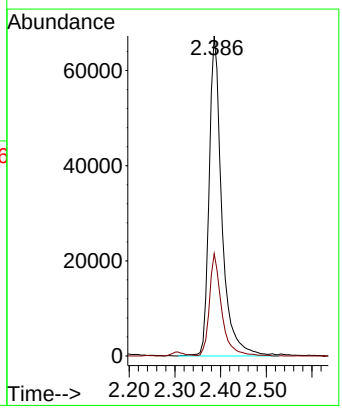


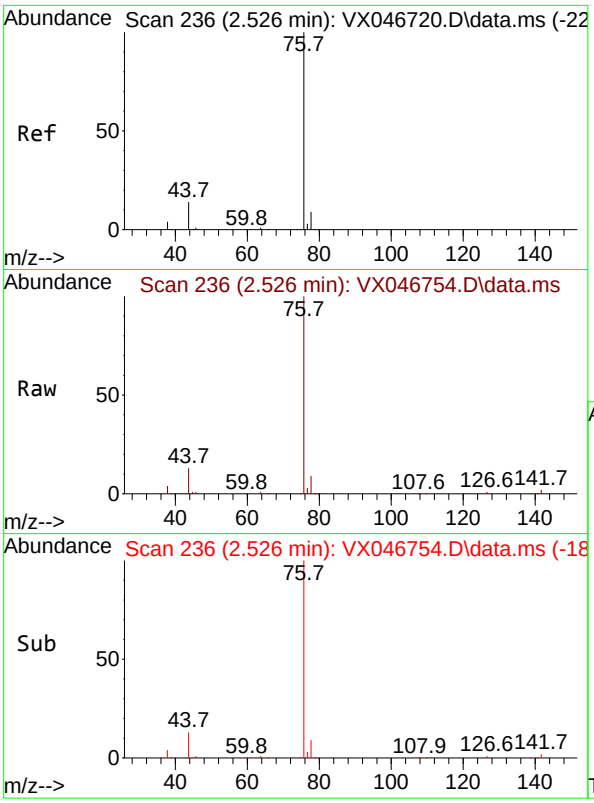


#16
Acetone
Concen: 207.691 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 43 Resp: 130426

Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.5	36.7



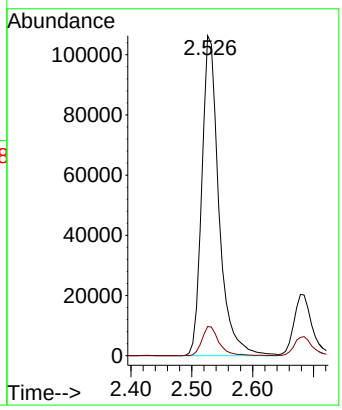


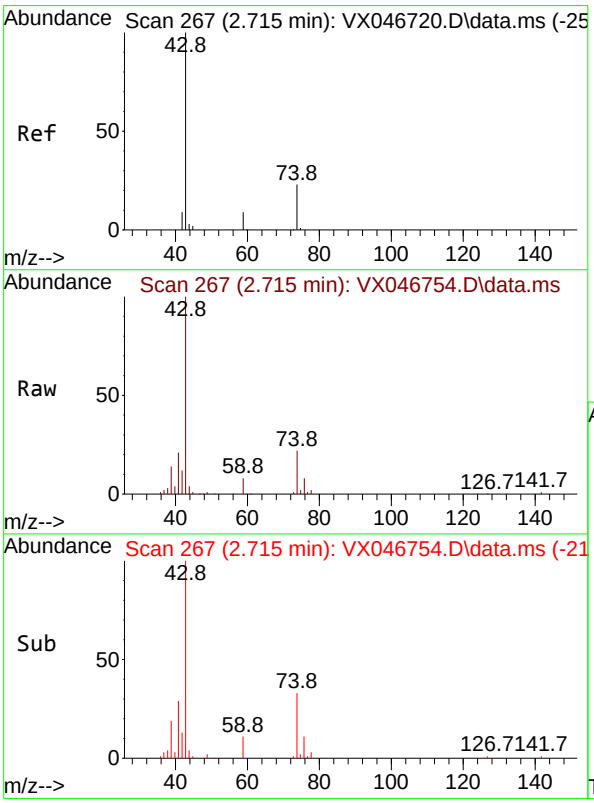
#17
Carbon Disulfide
Concen: 45.662 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 76 Resp: 207359

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

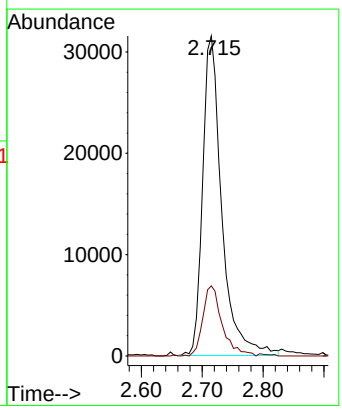


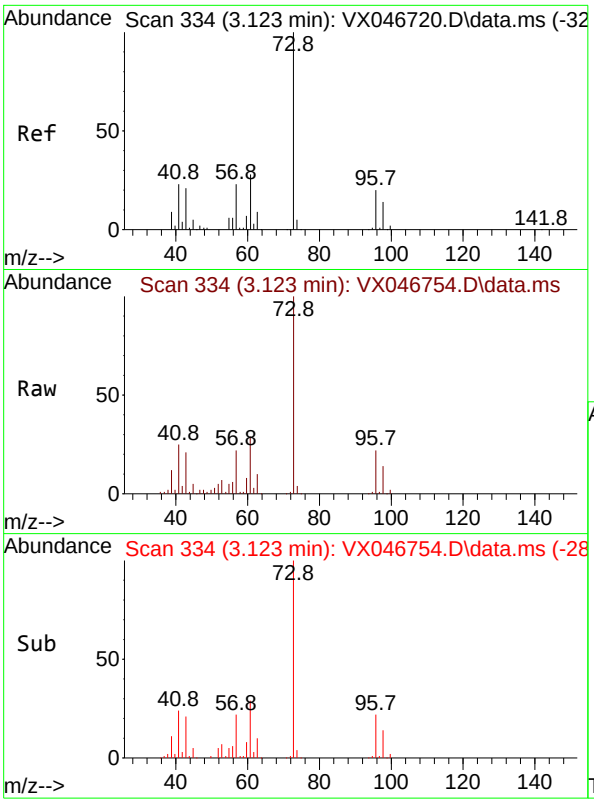


#18
Methyl Acetate
Concen: 43.107 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 43 Resp: 68754

Ion	Ratio	Lower	Upper
43	100		
74	22.1	18.4	27.6



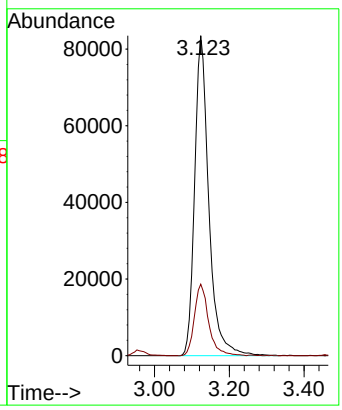


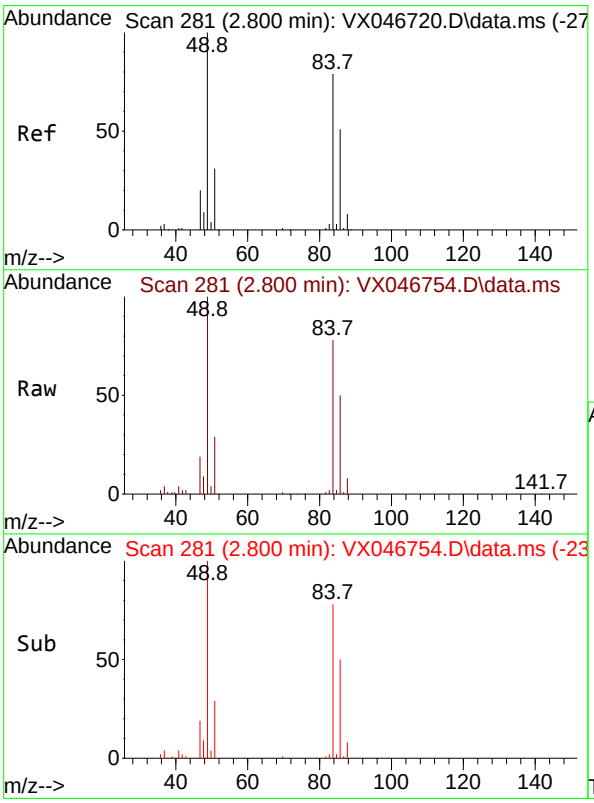
#19
Methyl tert-butyl Ether
Concen: 46.754 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 73 Resp: 218922

Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.2	27.2

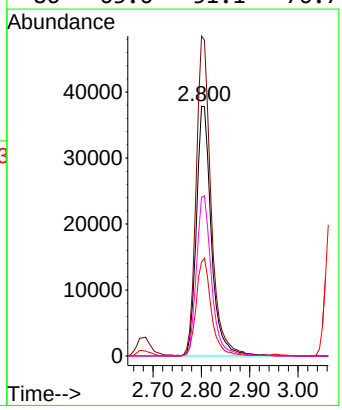


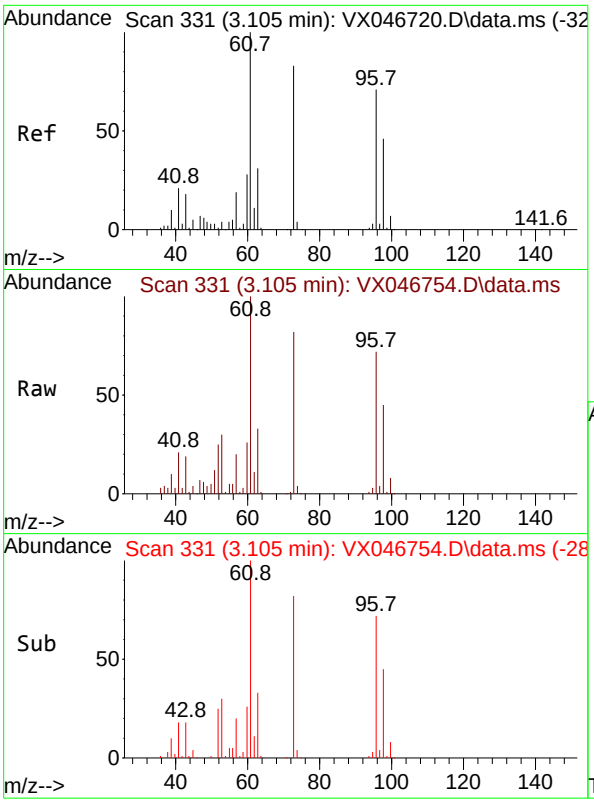


#20
Methylene Chloride
Concen: 46.453 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 84 Resp: 81126

Ion	Ratio	Lower	Upper
84	100		
49	127.8	101.3	151.9
51	37.7	31.0	46.6
86	63.6	51.1	76.7



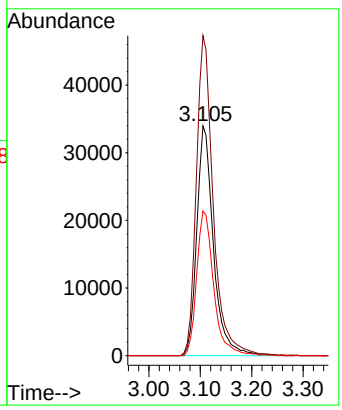


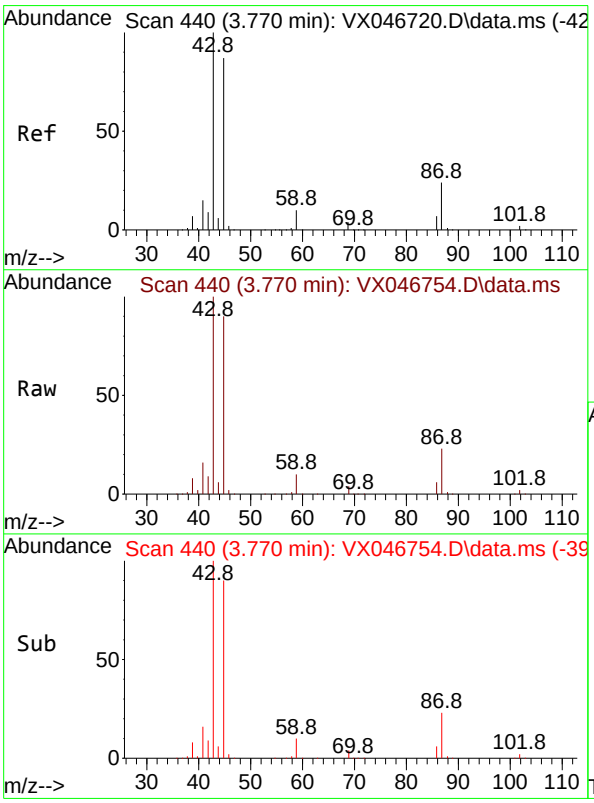
#21
trans-1,2-Dichloroethene
Concen: 47.641 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 96 Resp: 76658

Ion	Ratio	Lower	Upper
96	100		
61	139.3	112.5	168.7
98	63.0	51.9	77.9

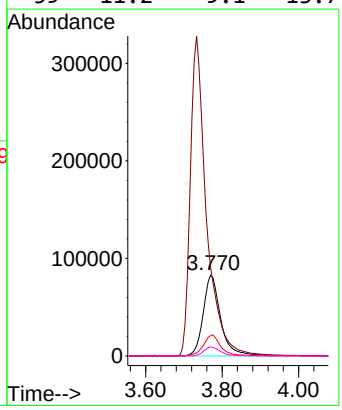


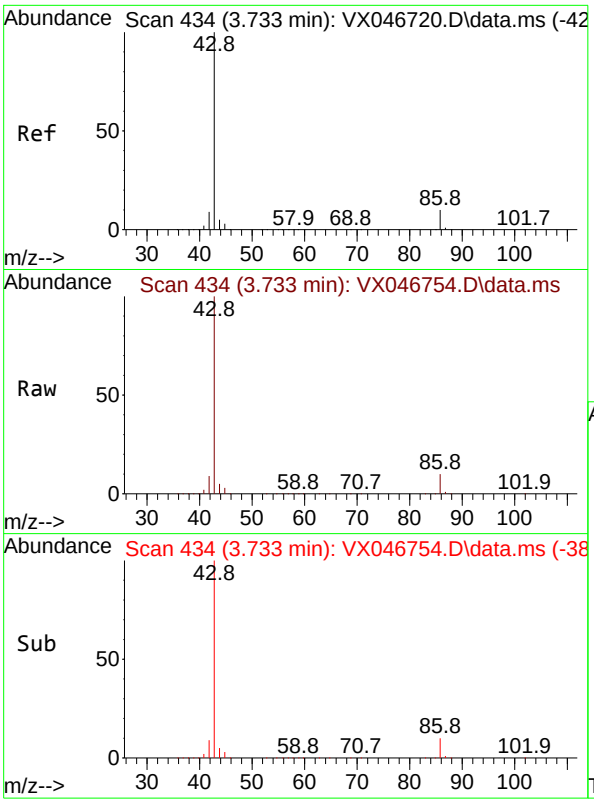


#22
Diisopropyl ether
Concen: 50.093 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 45 Resp: 262340

Ion	Ratio	Lower	Upper
45	100		
43	110.9	91.9	137.9
87	25.3	22.0	33.0
59	11.2	9.1	13.7



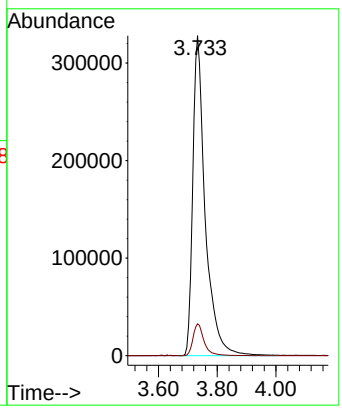


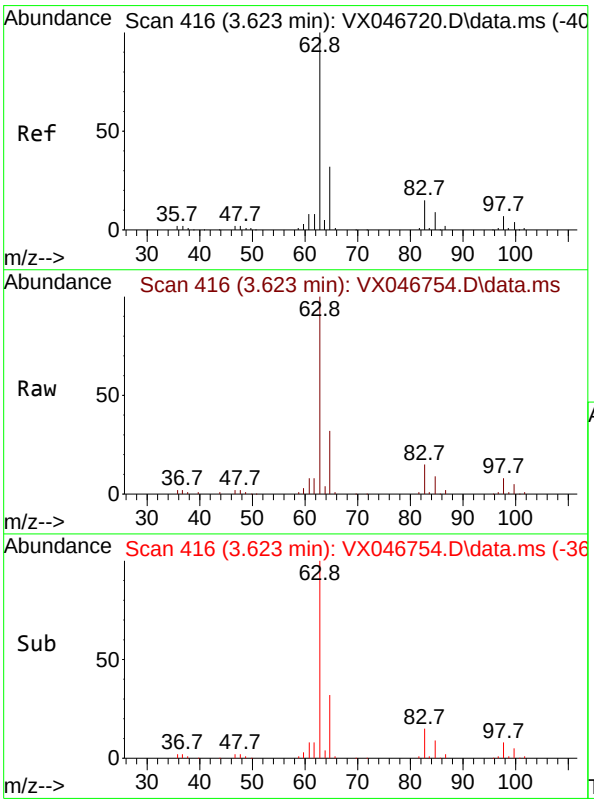
#23
Vinyl Acetate
Concen: 231.797 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 43 Resp: 965332

Ion	Ratio	Lower	Upper
43	100		
86	9.9	8.2	12.2

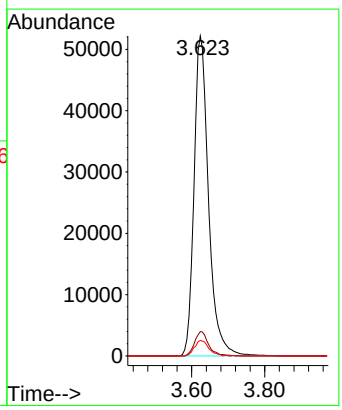


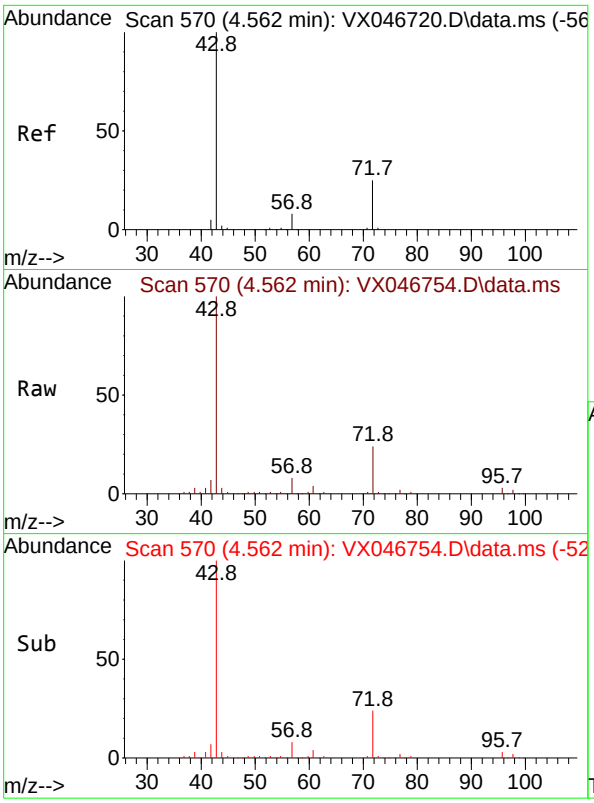


#24
1,1-Dichloroethane
Concen: 48.562 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 63 Resp: 144398

Ion	Ratio	Lower	Upper
63	100		
98	7.6	4.0	11.9
100	4.8	2.2	6.6



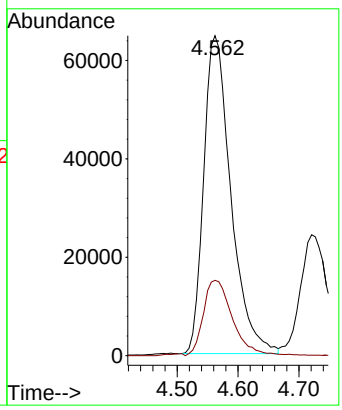


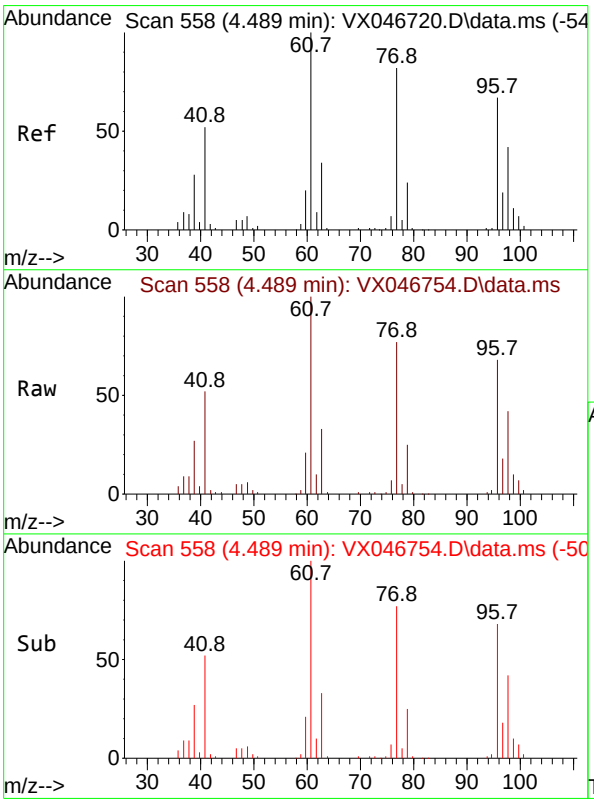
#25
2-Butanone
Concen: 226.078 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 43 Resp: 200792

Ion	Ratio	Lower	Upper
43	100		
72	23.4	20.2	30.4

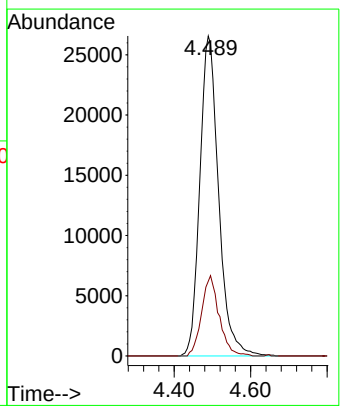


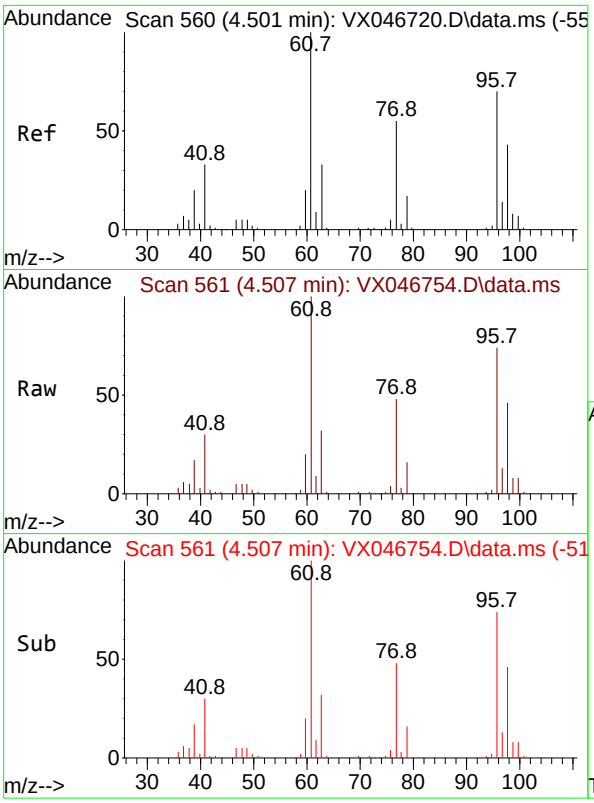


#26
2,2-Dichloropropane
Concen: 41.759 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 77 Resp: 90561

Ion	Ratio	Lower	Upper
77	100		
97	23.4	11.8	35.3



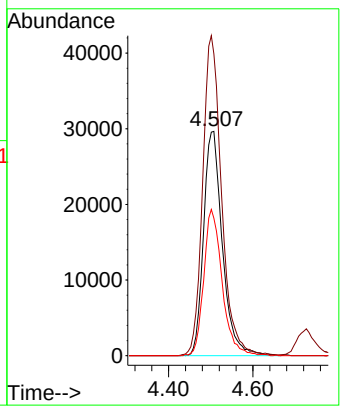


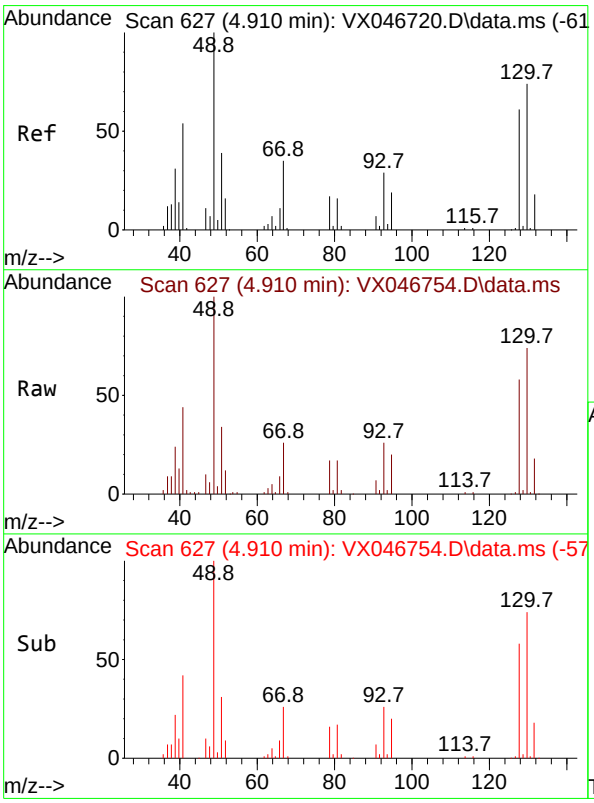
#27
cis-1,2-Dichloroethene
Concen: 48.686 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 96 Resp: 92038

Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	291.0
98	63.8	0.0	126.8

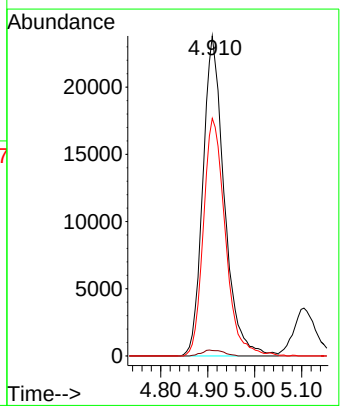


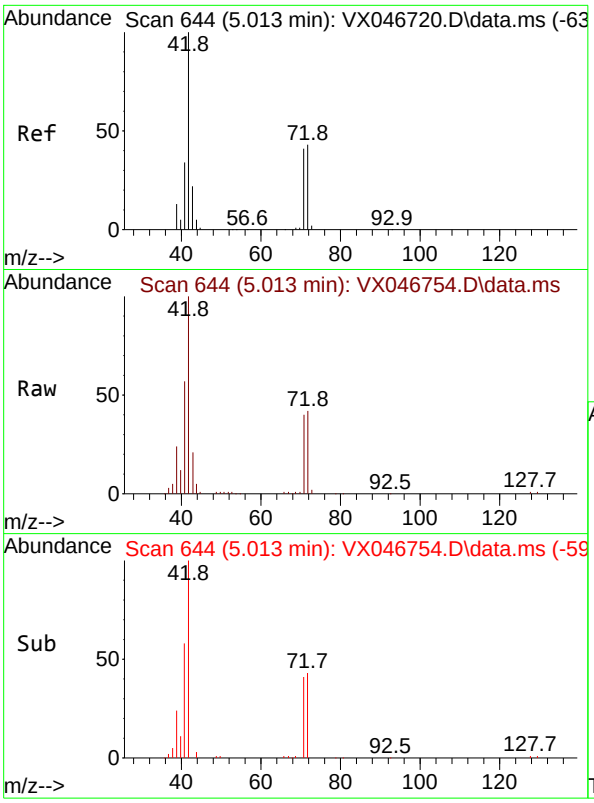


#28
Bromochloromethane
Concen: 55.824 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 49 Resp: 75253

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	75.8	61.4	92.0



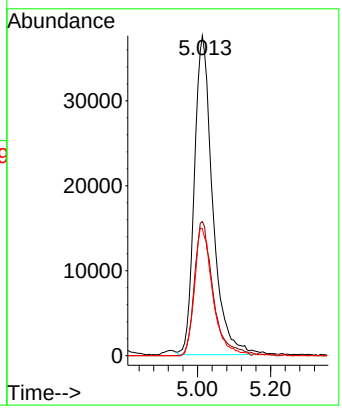


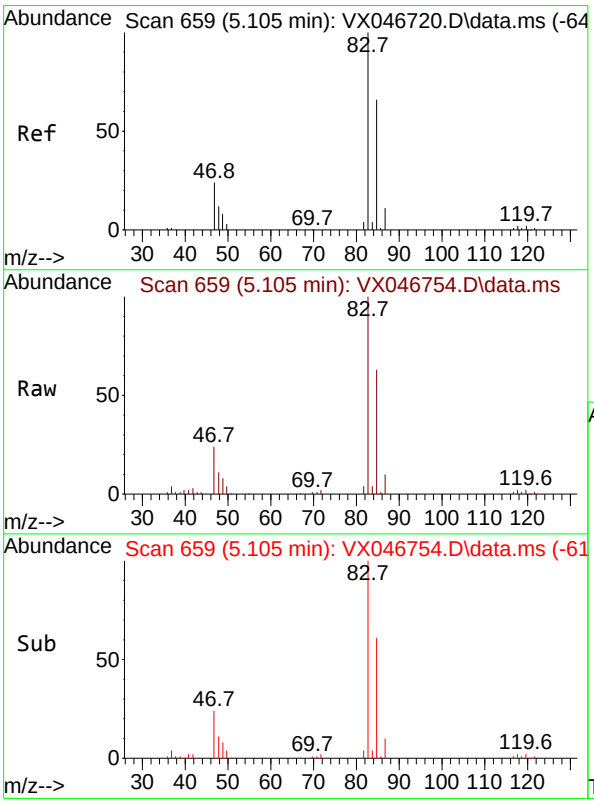
#29
Tetrahydrofuran
Concen: 228.277 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 42 Resp: 130955

Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.9	52.3
71	39.9	32.2	48.2

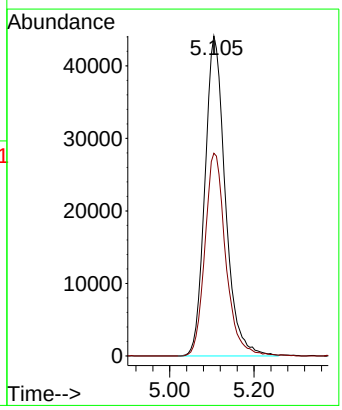


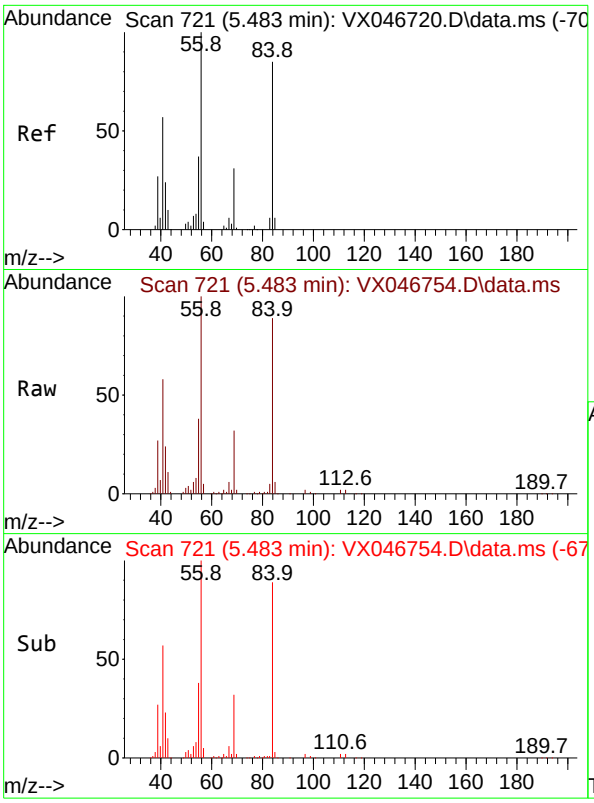


#30
Chloroform
Concen: 49.820 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 83 Resp: 148146

Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.7	80.5



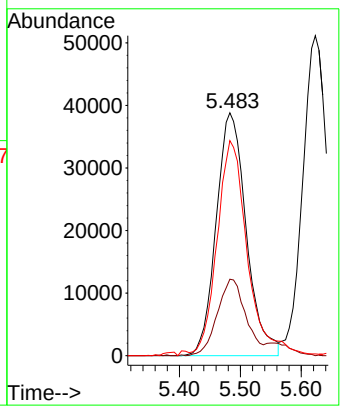


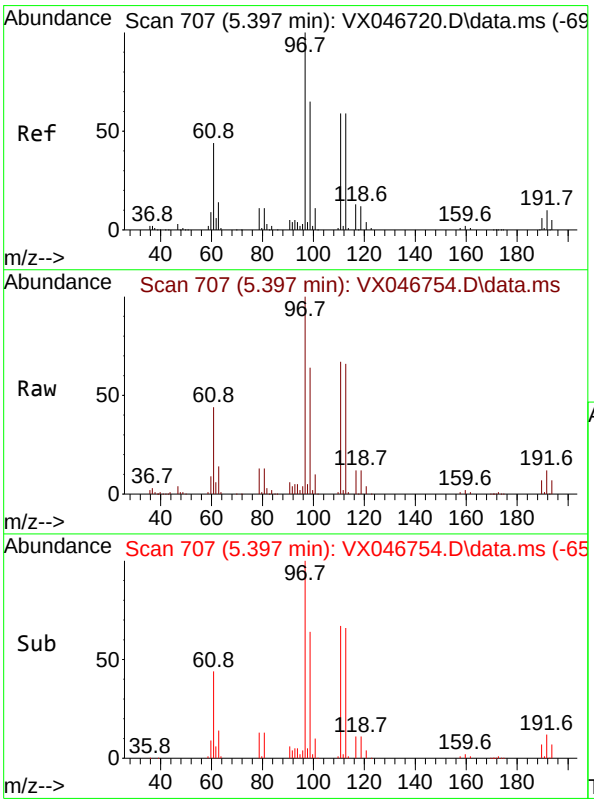
#31
Cyclohexane
Concen: 47.234 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 56 Resp: 133192

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.8	37.2
84	88.4	68.2	102.2

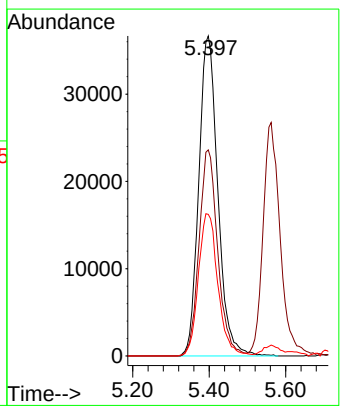


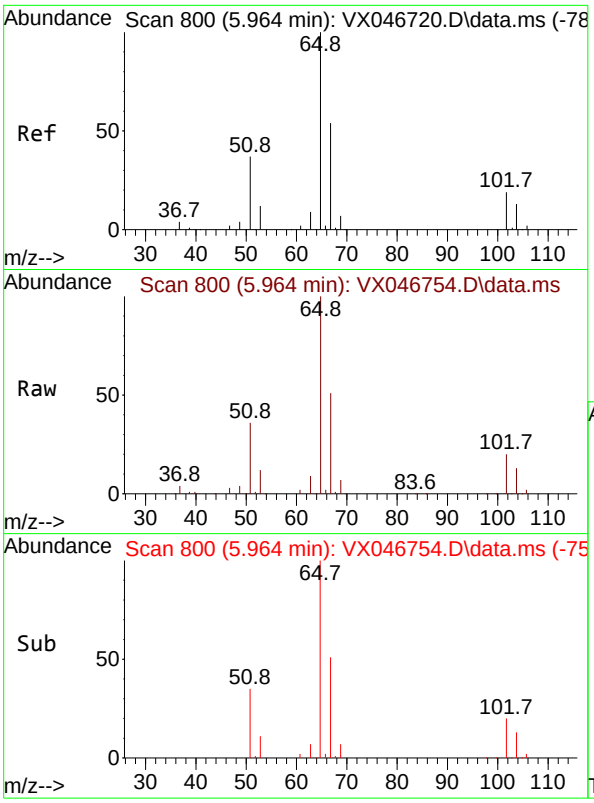


#32
1,1,1-Trichloroethane
Concen: 48.610 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 97 Resp: 126773

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.3	76.9
61	45.6	36.4	54.6



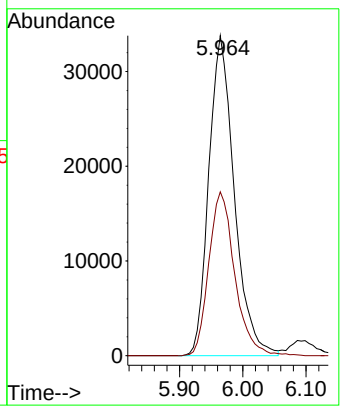


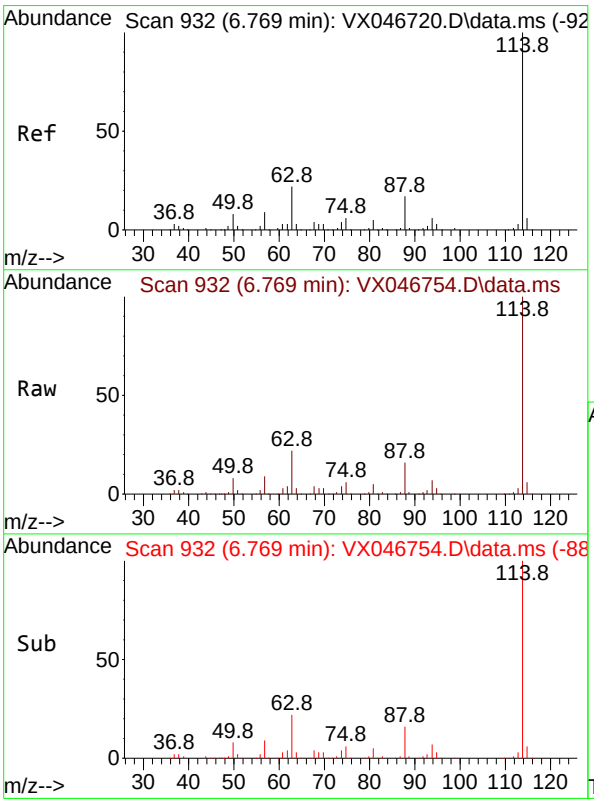
#33
1,2-Dichloroethane-d4
Concen: 50.219 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 65 Resp: 94570

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.4

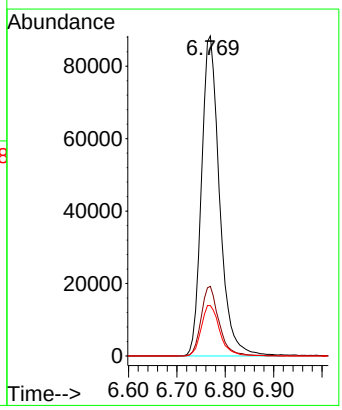


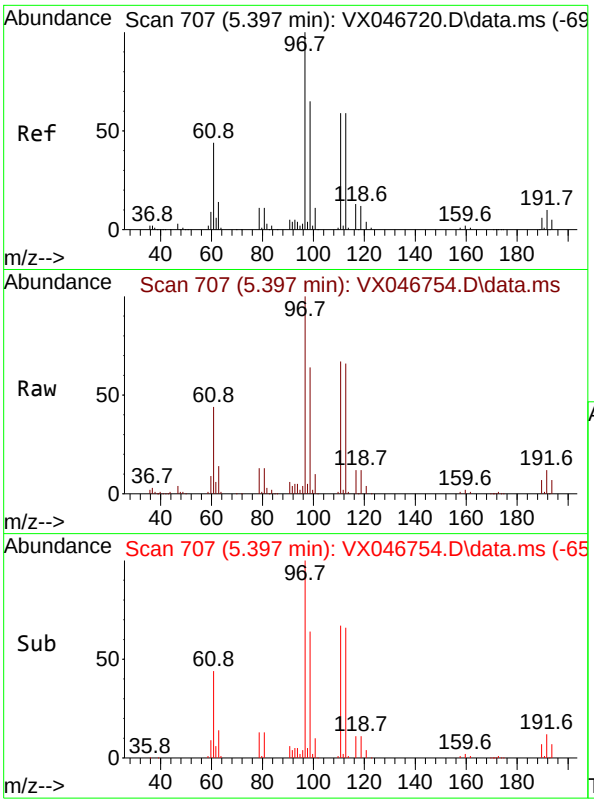


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:114 Resp: 229178

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.2
88	15.8	0.0	33.2



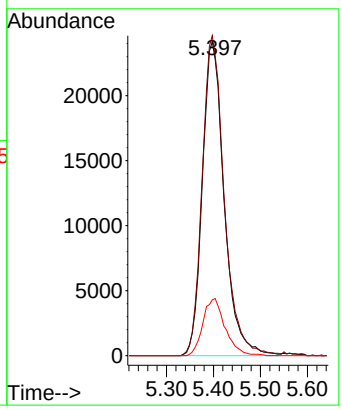


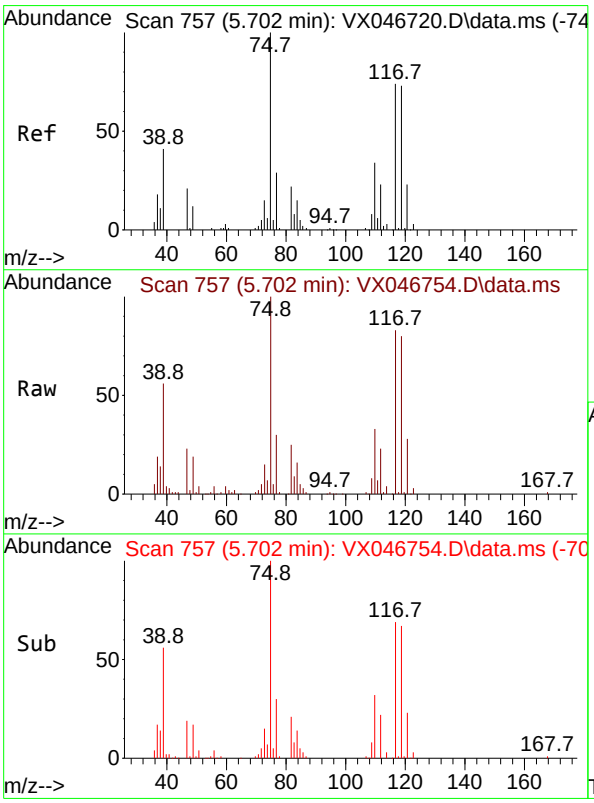
#35
Dibromofluoromethane
Concen: 51.260 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:113 Resp: 77727

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	18.6	15.3	22.9

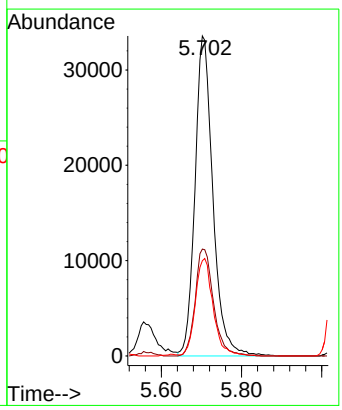


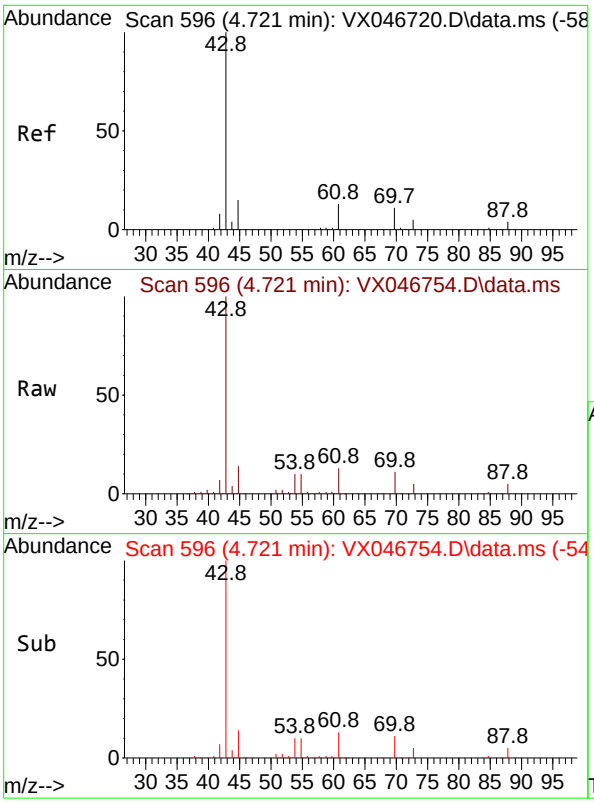


#36
1,1-Dichloropropene
Concen: 47.566 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 75 Resp: 104116

Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.2	51.5
77	30.3	24.2	36.4



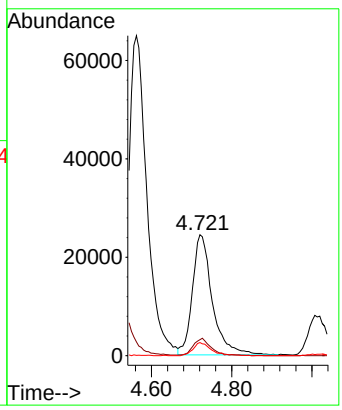


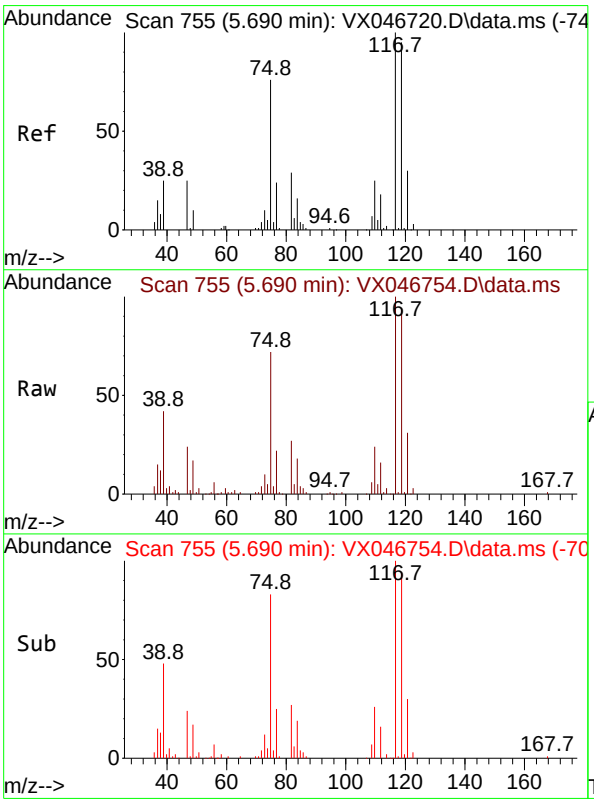
#37
Ethyl Acetate
Concen: 41.584 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 43 Resp: 84018

Ion	Ratio	Lower	Upper
43	100		
61	13.3	9.7	14.5
70	10.0	8.1	12.1

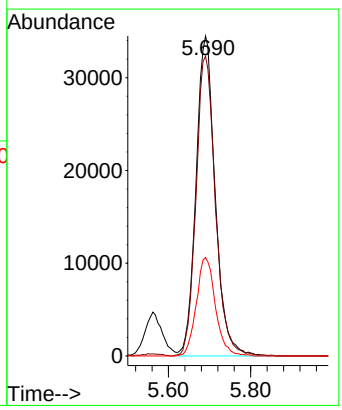


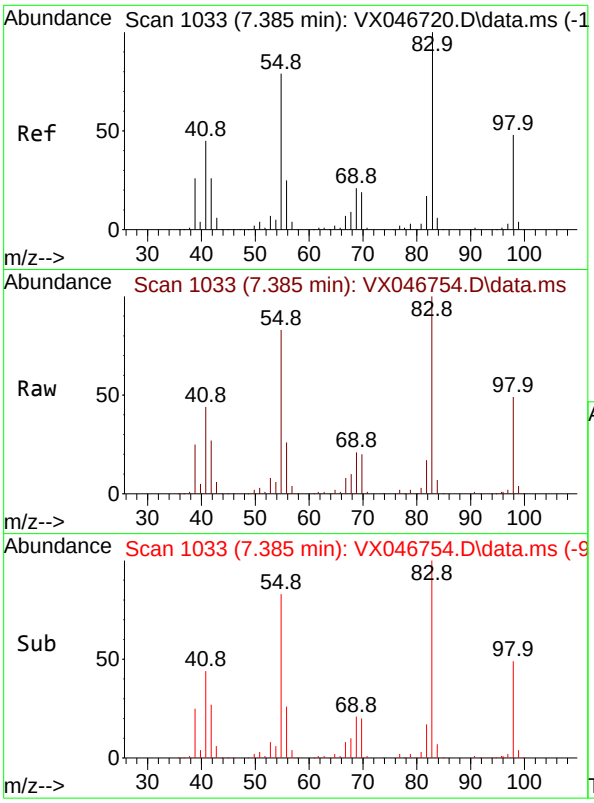


#38
Carbon Tetrachloride
Concen: 46.991 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:117 Resp: 111625

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.2	112.8
121	30.7	24.1	36.1



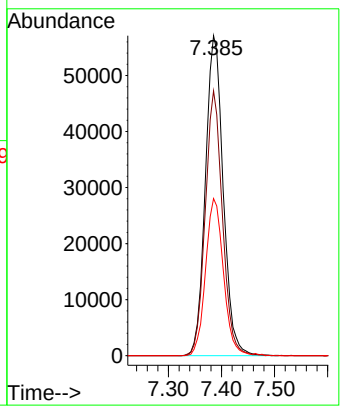


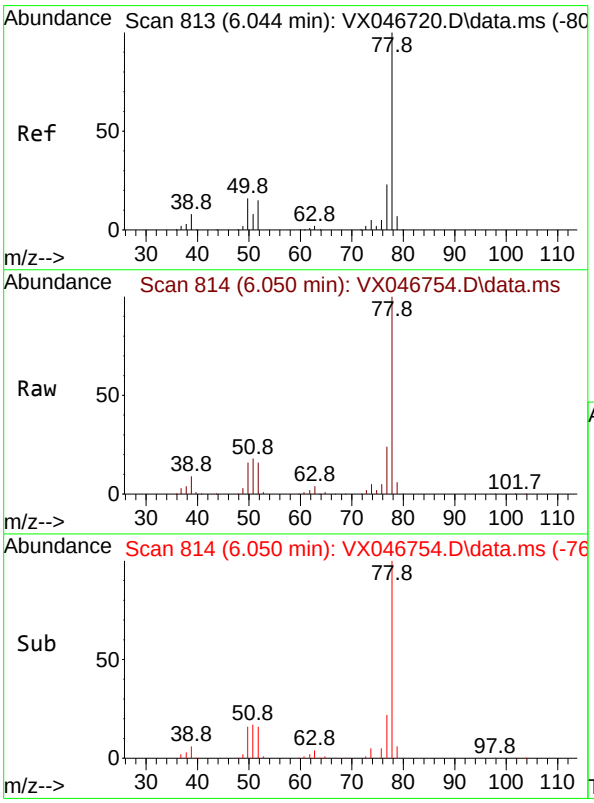
#39
Methylcyclohexane
Concen: 46.228 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 83 Resp: 133155

Ion	Ratio	Lower	Upper
83	100		
55	82.8	63.0	94.4
98	49.1	38.8	58.2

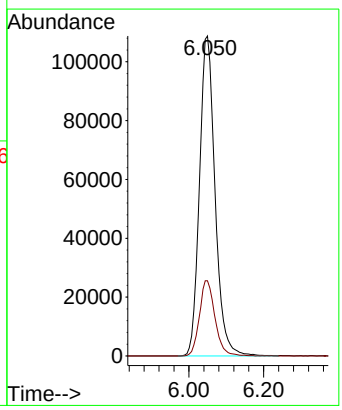


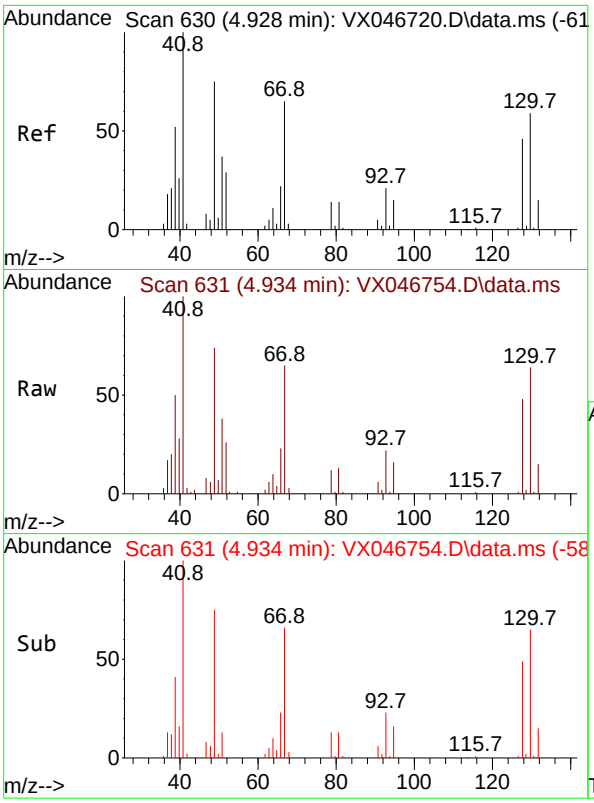


#40
Benzene
Concen: 48.615 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 78 Resp: 314925

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



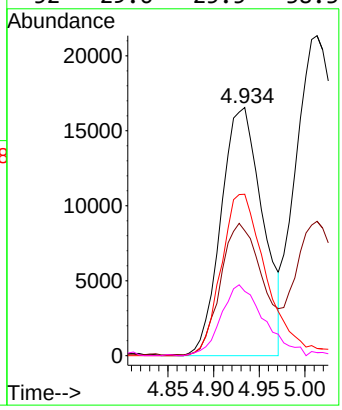


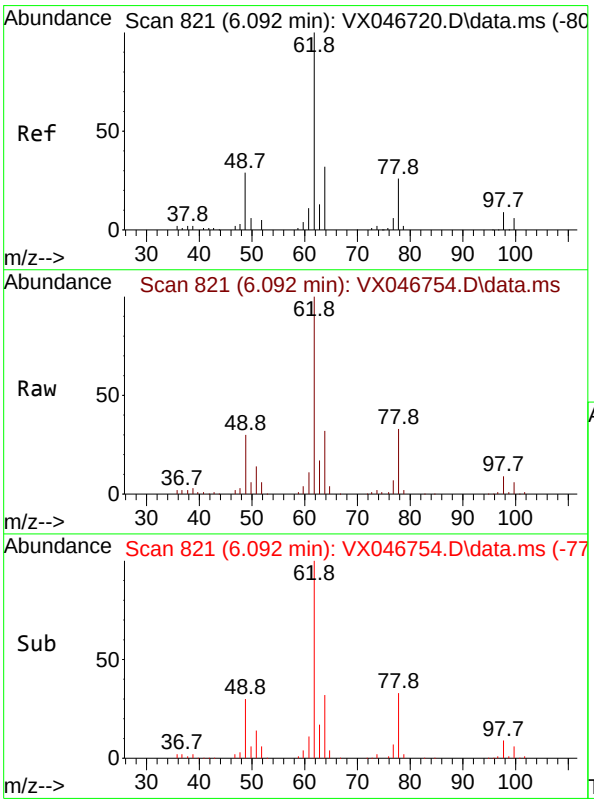
#41
Methacrylonitrile
Concen: 48.736 ug/l
RT: 4.934 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 41 Resp: 52495

Ion	Ratio	Lower	Upper
41	100		
39	53.3	45.9	68.9
67	71.8	61.2	91.8
52	29.6	25.5	38.3

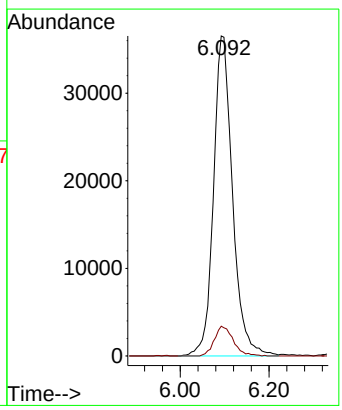


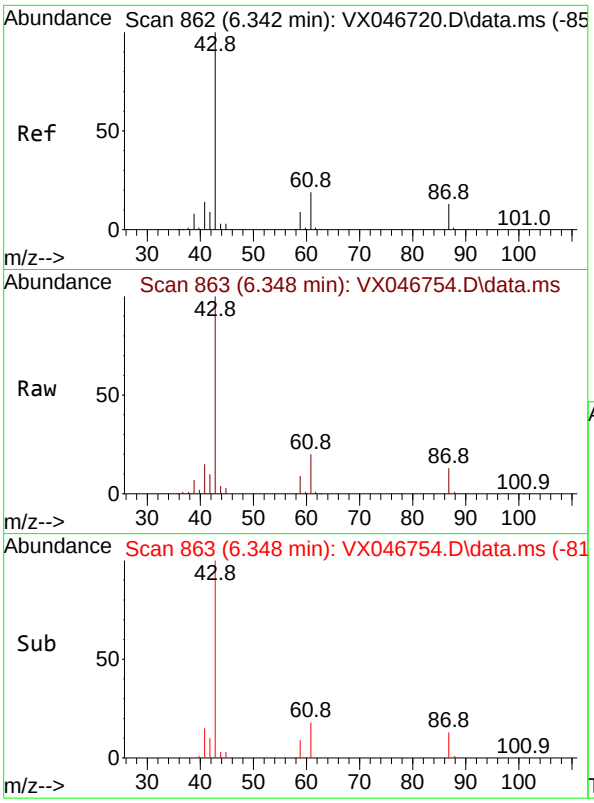


#42
1,2-Dichloroethane
Concen: 47.657 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 62 Resp: 108485

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8



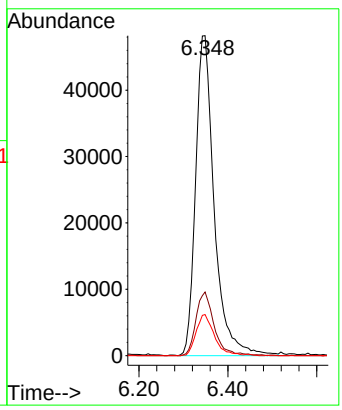


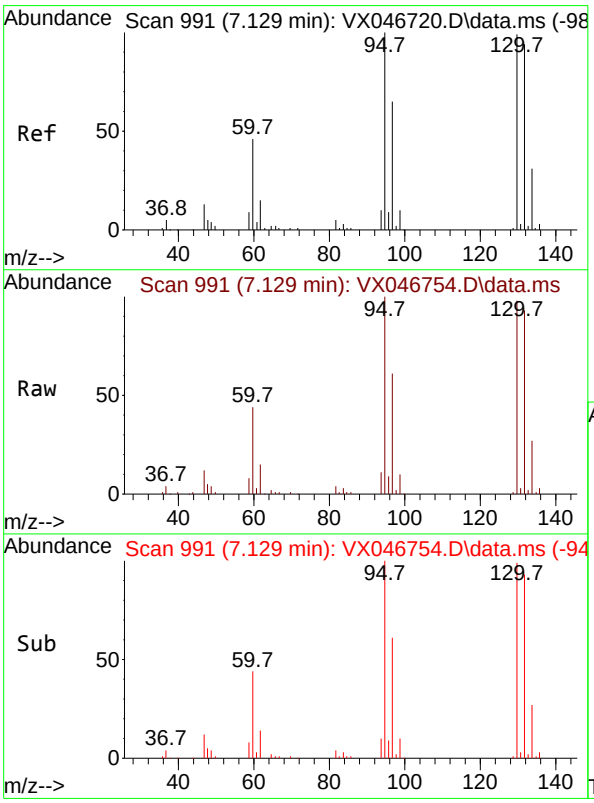
#43
Isopropyl Acetate
Concen: 44.472 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 43 Resp: 140603

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.3	22.9
87	12.6	10.0	15.0

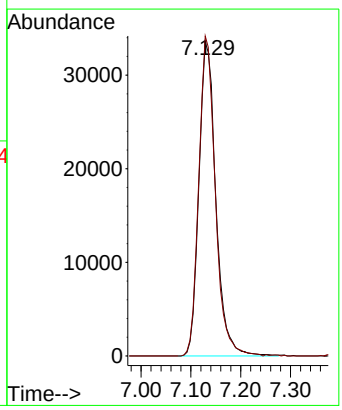


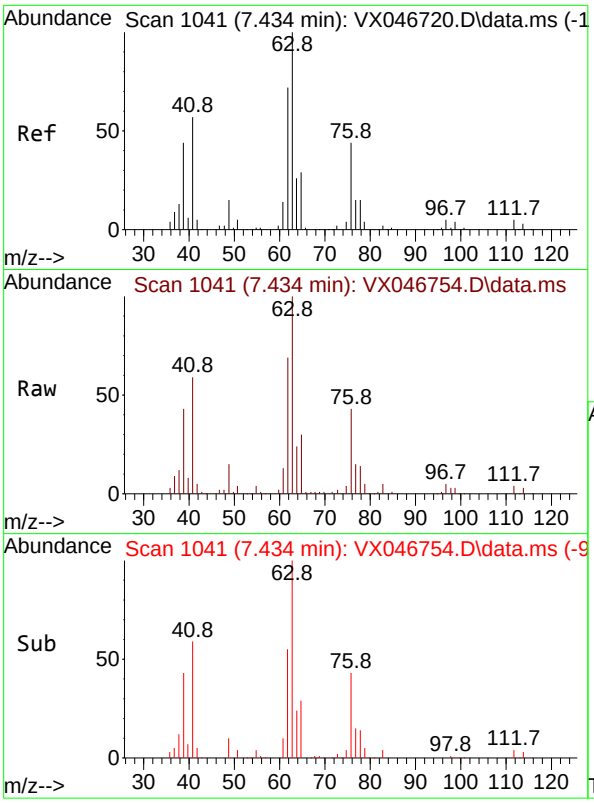


#44
Trichloroethene
Concen: 47.998 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:130 Resp: 79238

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	202.6



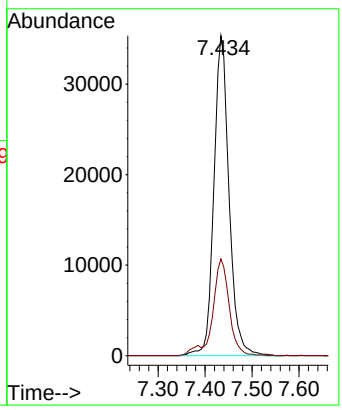


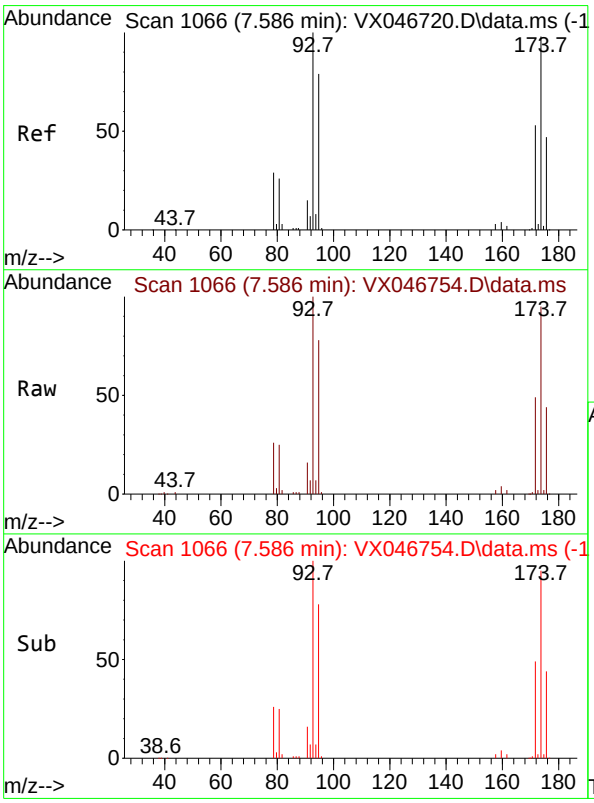
#45
1,2-Dichloropropane
Concen: 49.233 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 63 Resp: 79040

Ion	Ratio	Lower	Upper
63	100		
65	30.2	22.9	34.3

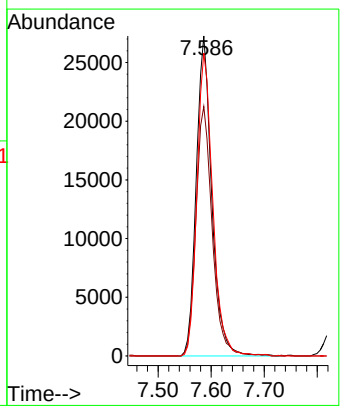


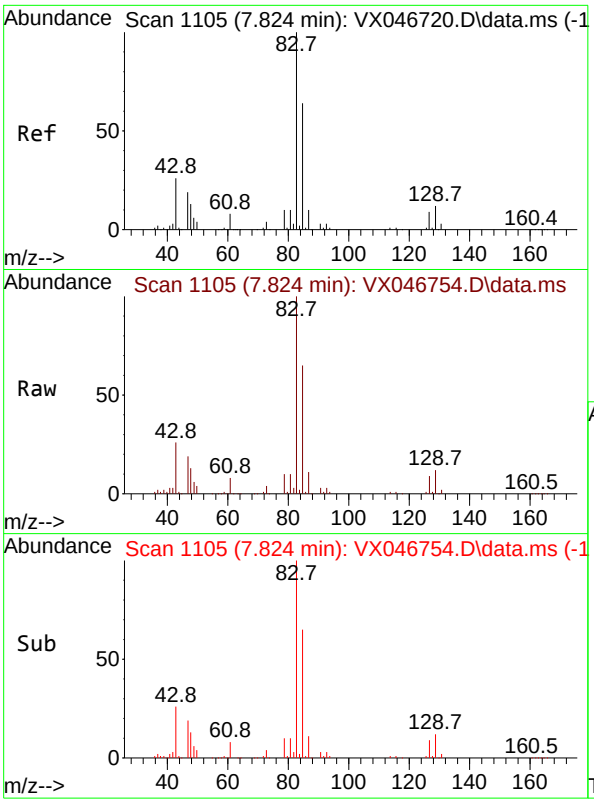


#46
Dibromomethane
Concen: 48.075 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 93 Resp: 55469

Ion	Ratio	Lower	Upper
93	100		
95	81.4	66.2	99.4
174	96.1	77.0	115.6



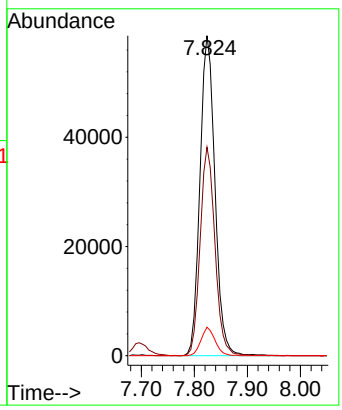


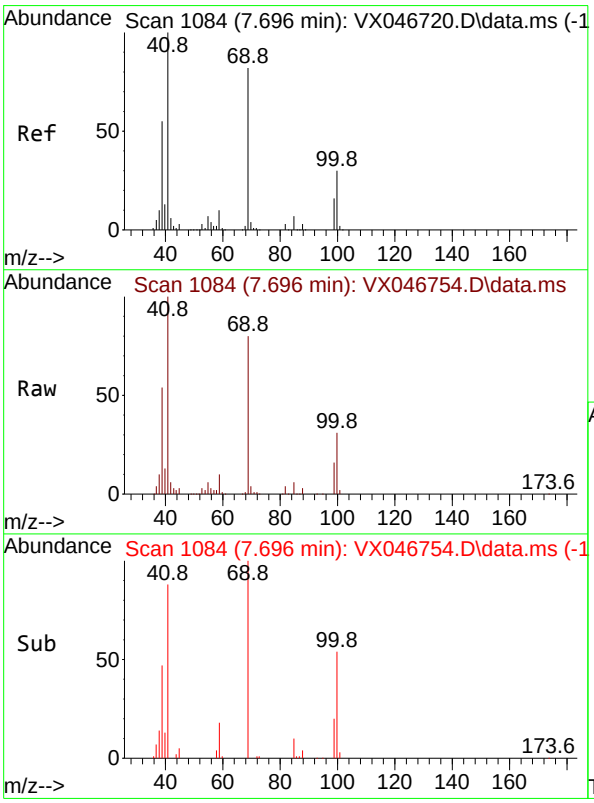
#47
Bromodichloromethane
Concen: 48.767 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 83 Resp: 114825

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.4	77.2
127	8.9	6.9	10.3

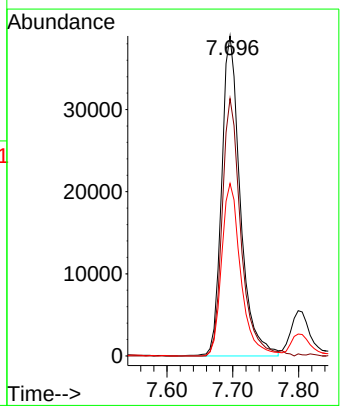


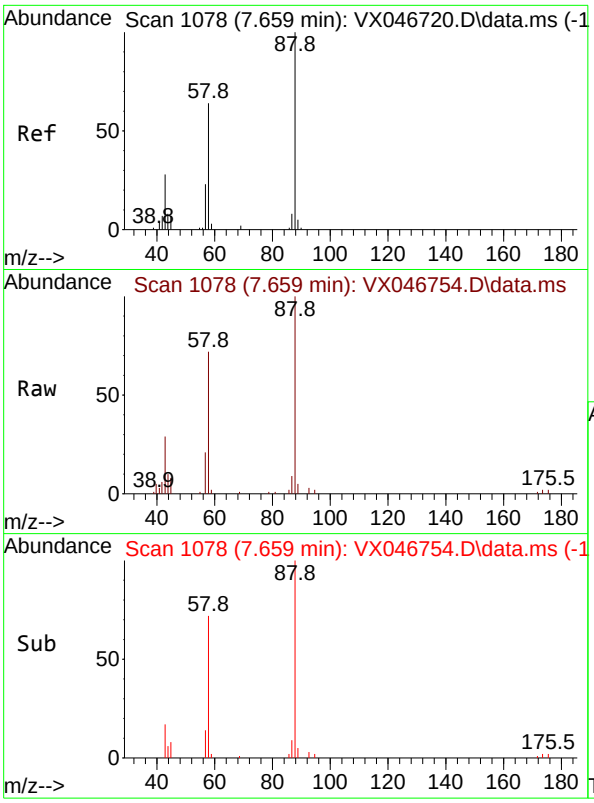


#48
Methyl methacrylate
Concen: 48.587 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 41 Resp: 77040

Ion	Ratio	Lower	Upper
41	100		
69	80.5	63.4	95.2
39	55.4	45.4	68.0



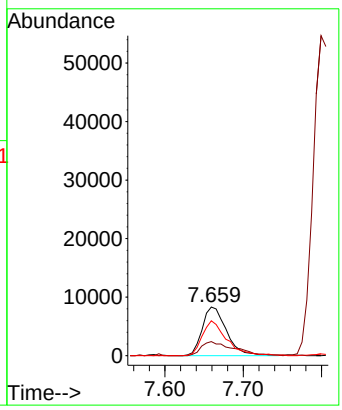


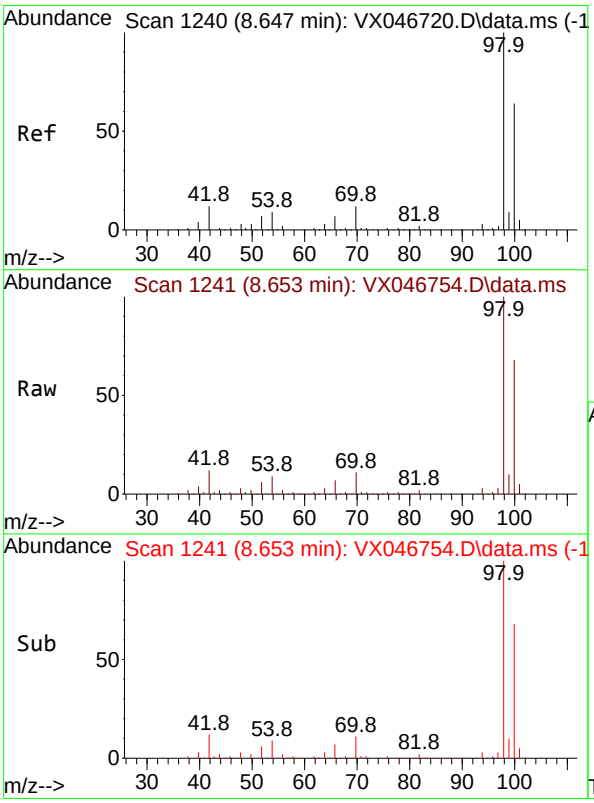
#49
1,4-Dioxane
Concen: 778.593 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 88 Resp: 17811

Ion	Ratio	Lower	Upper
88	100		
43	39.3	31.2	46.8
58	72.4	54.7	82.1

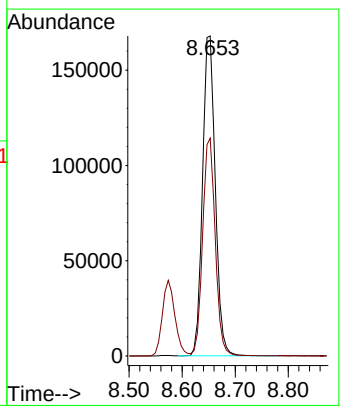


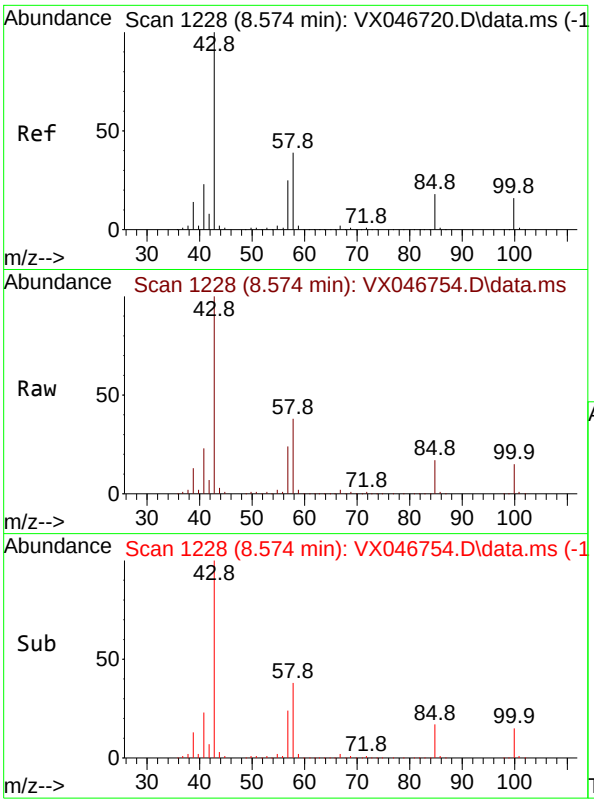


#50
Toluene-d8
Concen: 51.376 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 98 Resp: 279885

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4



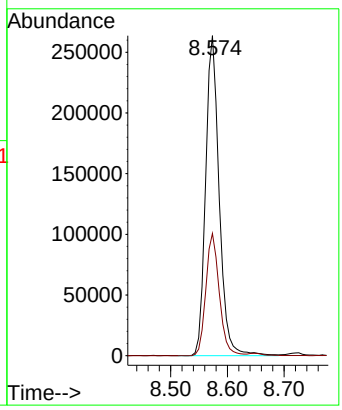


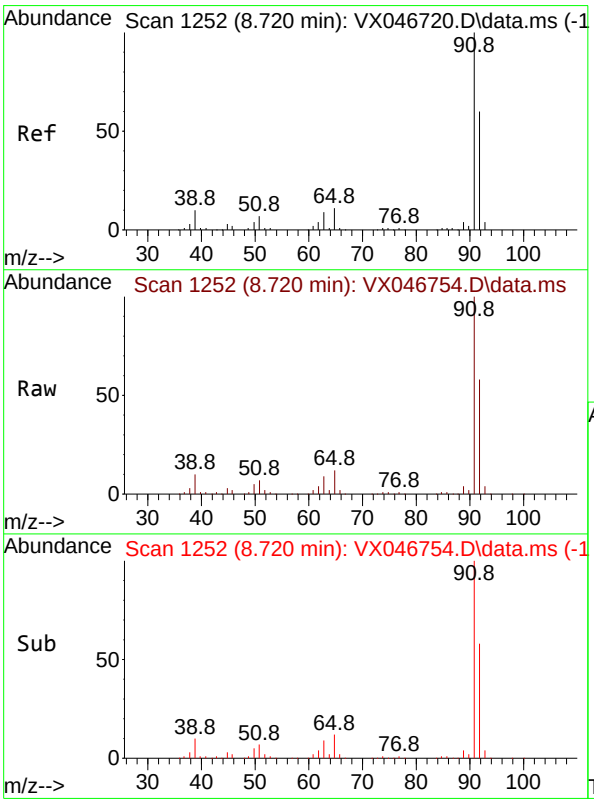
#51
4-Methyl-2-Pentanone
Concen: 232.751 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 43 Resp: 438885

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.8	46.2

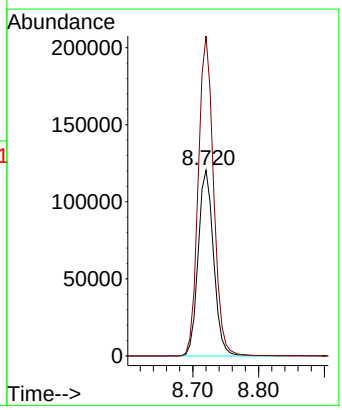


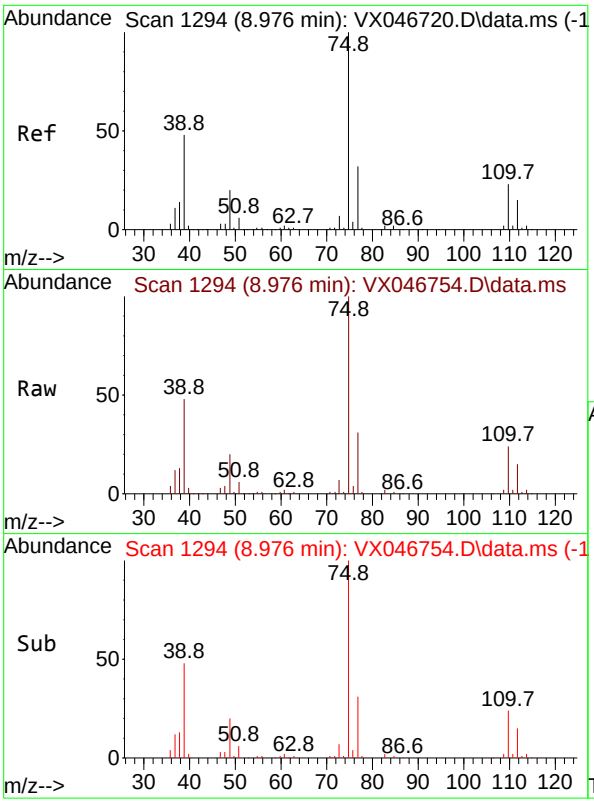


#52
Toluene
Concen: 48.803 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 92 Resp: 195988

Ion	Ratio	Lower	Upper
92	100		
91	171.6	134.8	202.2



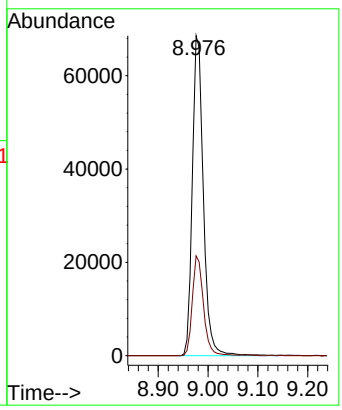


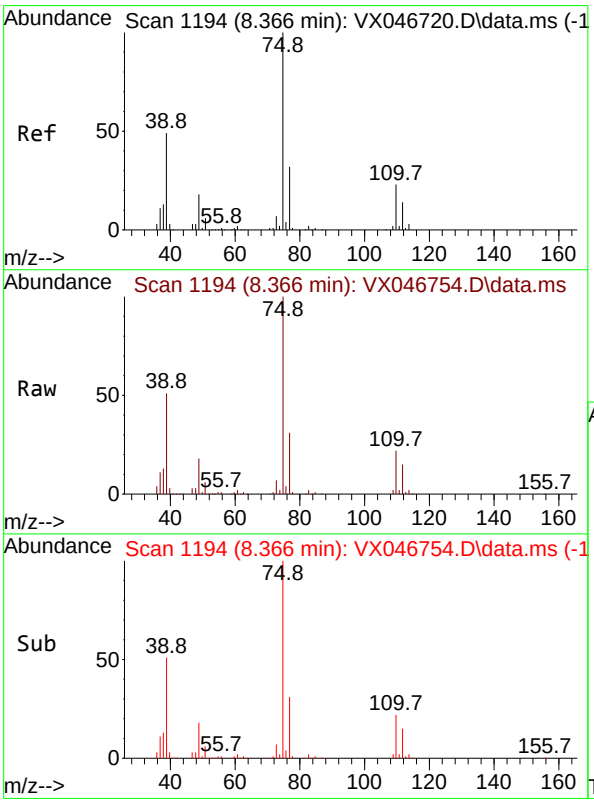
#53
t-1,3-Dichloropropene
Concen: 48.322 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 75 Resp: 105565

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.6	38.4

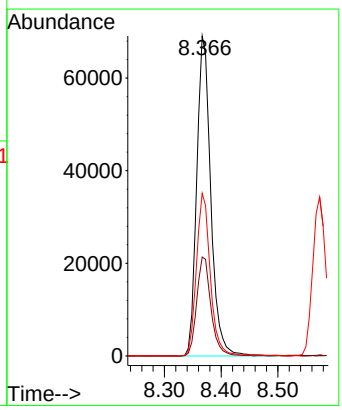


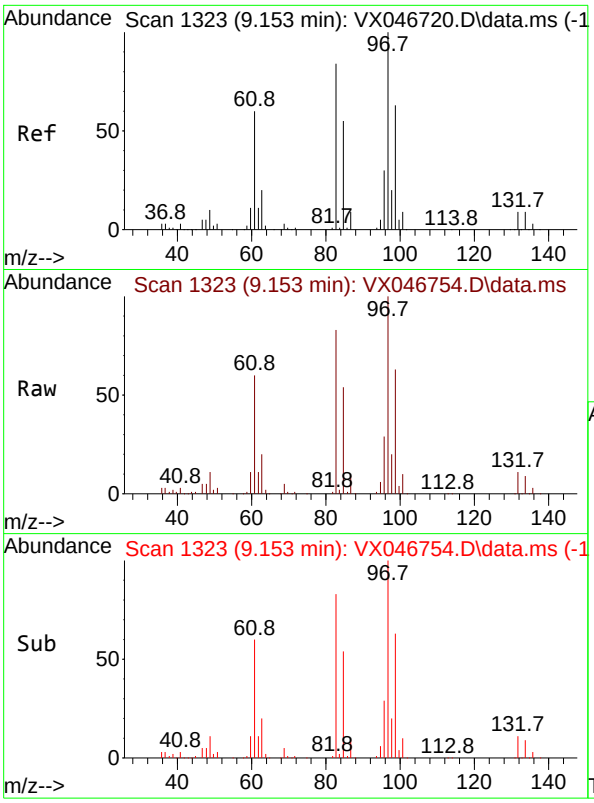


#54
cis-1,3-Dichloropropene
Concen: 48.004 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 75 Resp: 119051

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.3	37.9
39	50.2	39.2	58.8



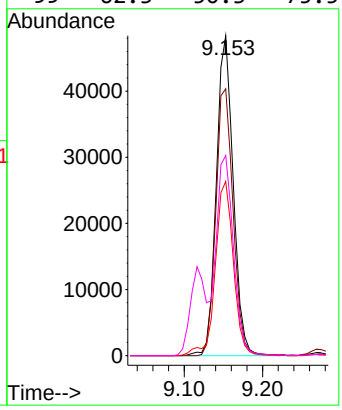


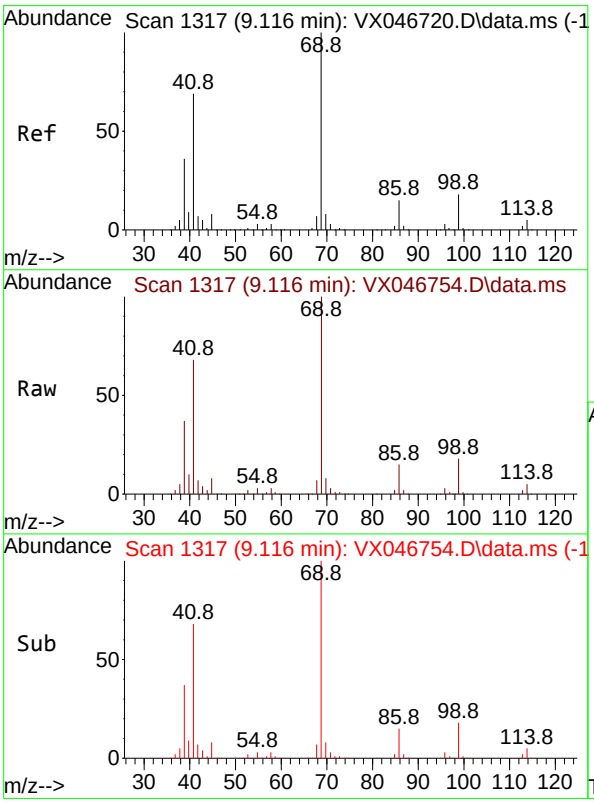
#55
1,1,2-Trichloroethane
Concen: 48.550 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 97 Resp: 72658

Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.2	100.8
85	54.4	44.1	66.1
99	62.3	50.3	75.5

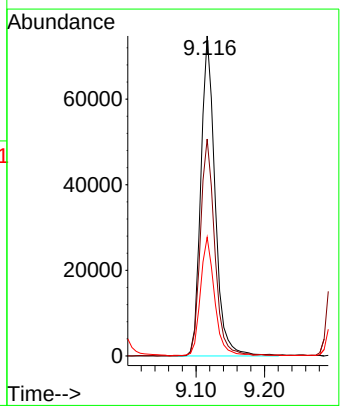


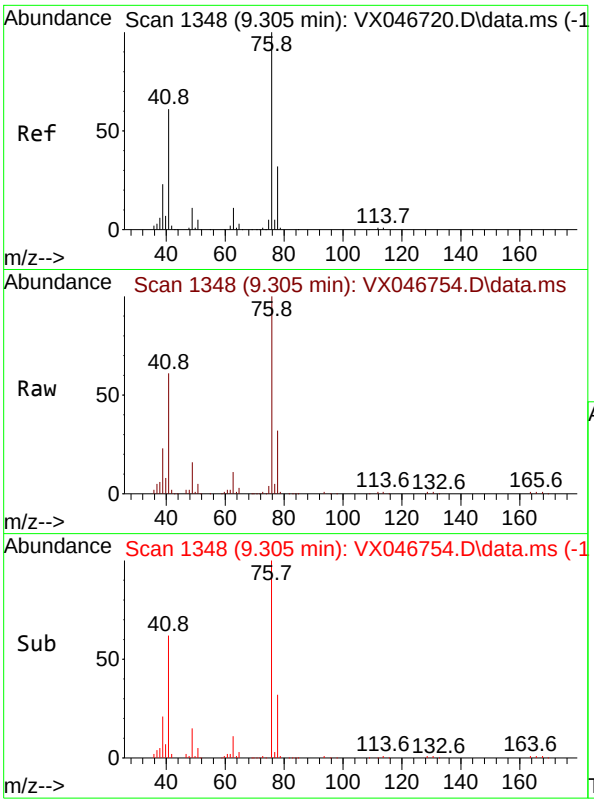


#56
Ethyl methacrylate
Concen: 48.989 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 69 Resp: 108226

Ion	Ratio	Lower	Upper
69	100		
41	69.2	55.4	83.2
39	37.3	29.7	44.5



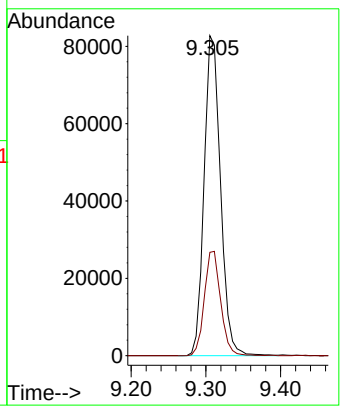


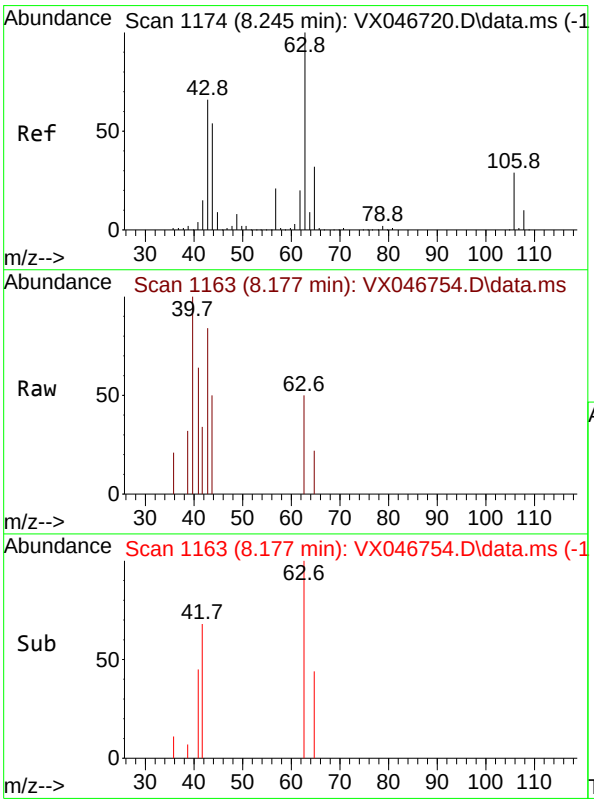
#57
1,3-Dichloropropane
Concen: 49.000 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 76 Resp: 126284

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.7	38.5

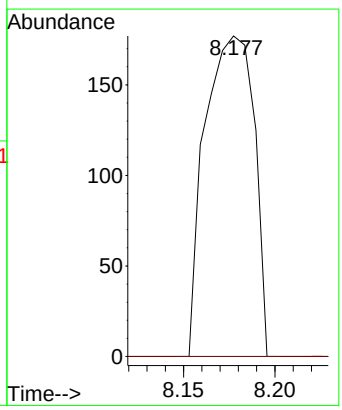


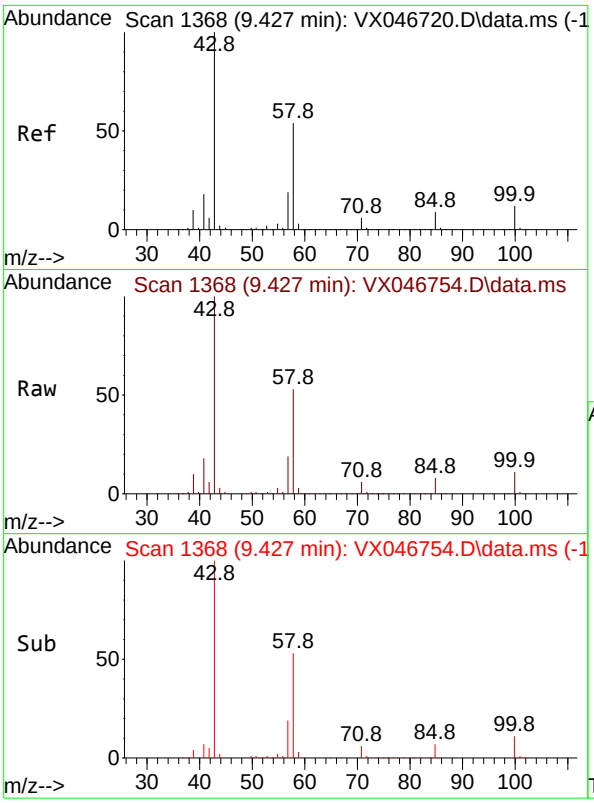


#58
2-Chloroethyl Vinyl ether
Concen: 0.288 ug/l
RT: 8.177 min Scan# 1163
Delta R.T. -0.067 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 63 Resp: 331

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.6	34.0#



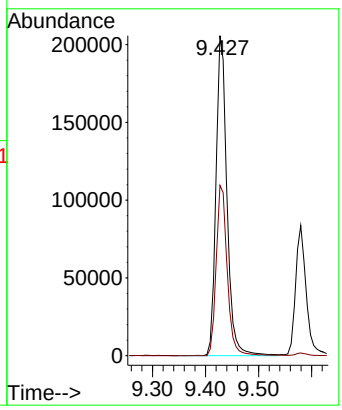


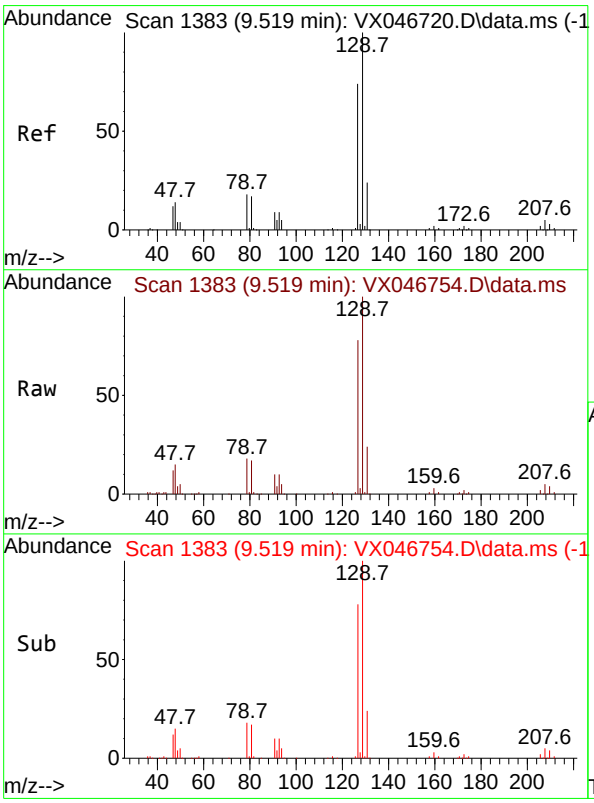
#59
2-Hexanone
Concen: 227.408 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 43 Resp: 296453

Ion	Ratio	Lower	Upper
43	100		
58	53.6	26.8	80.4

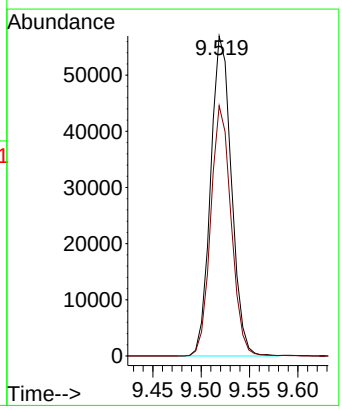


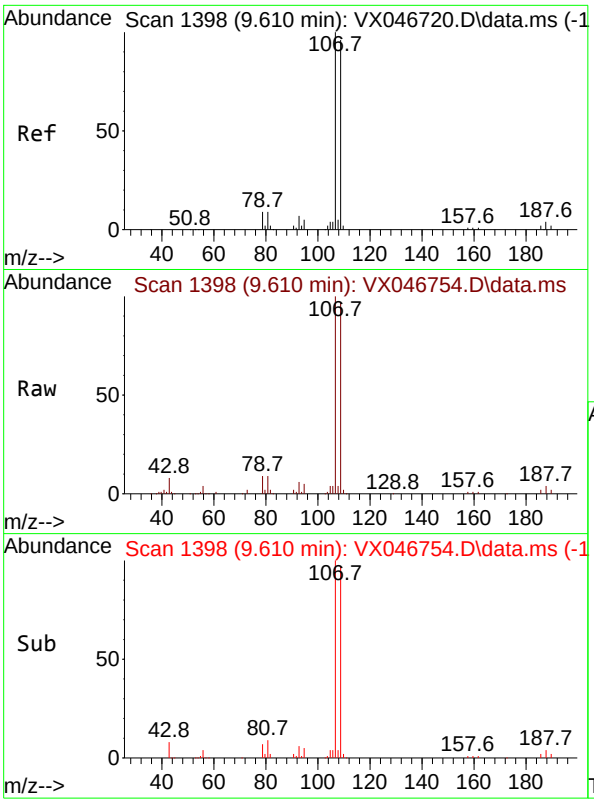


#60
Dibromochloromethane
Concen: 48.252 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:129 Resp: 85100

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2



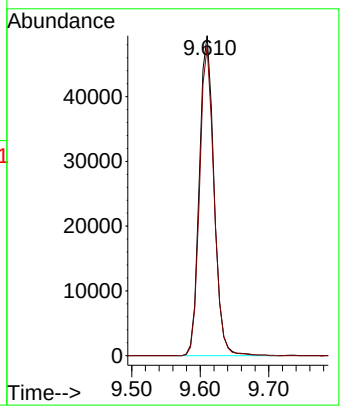


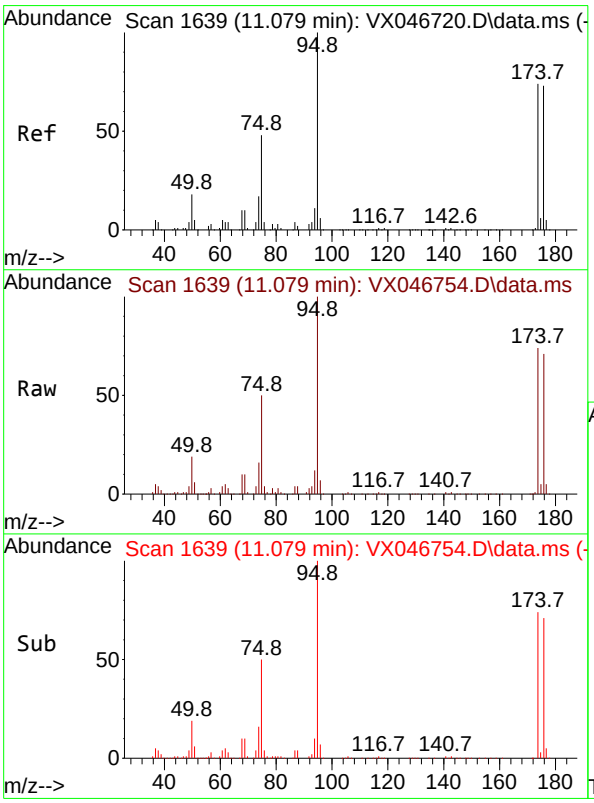
#61
1,2-Dibromoethane
Concen: 48.479 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:107 Resp: 73799

Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.8	113.6

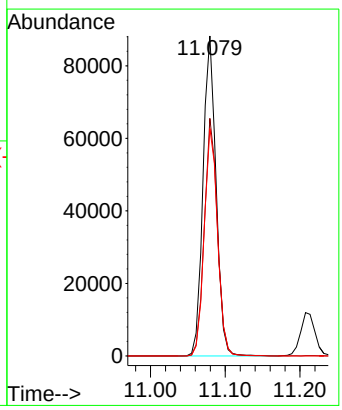


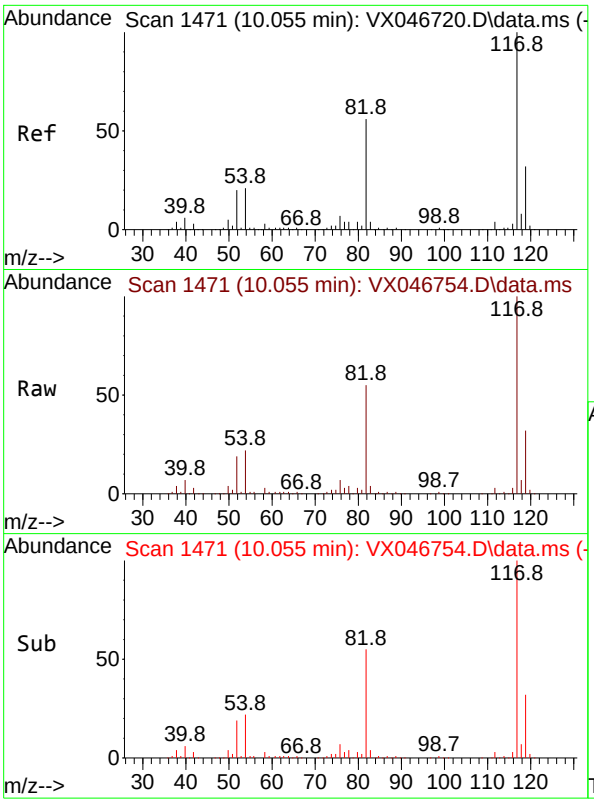


#62
4-Bromofluorobenzene
Concen: 52.509 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 95 Resp: 106632

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	150.4
176	72.6	0.0	145.0



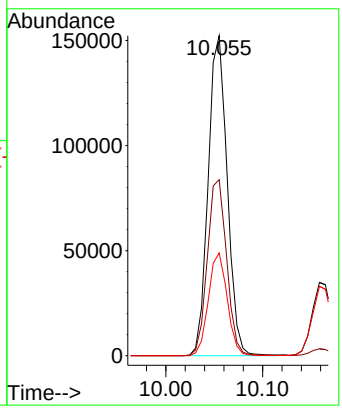


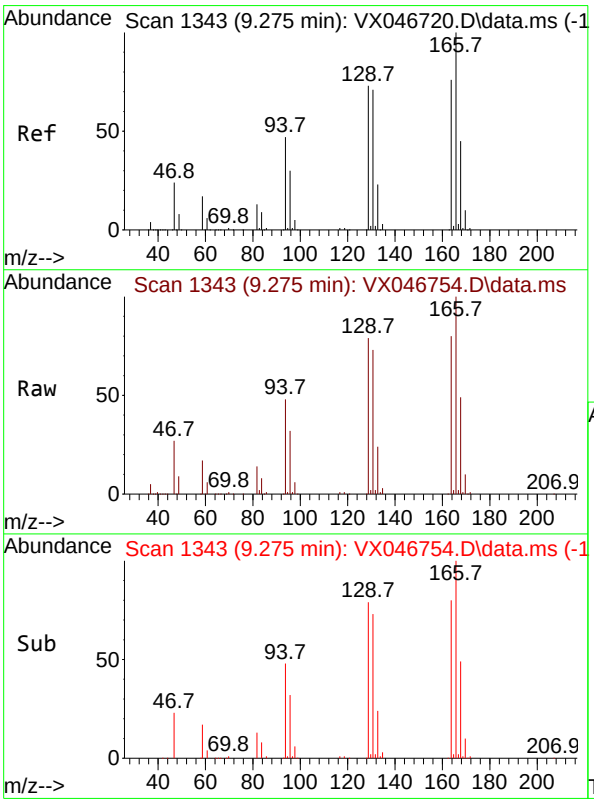
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:117 Resp: 208450

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	66.8
119	32.1	25.8	38.8

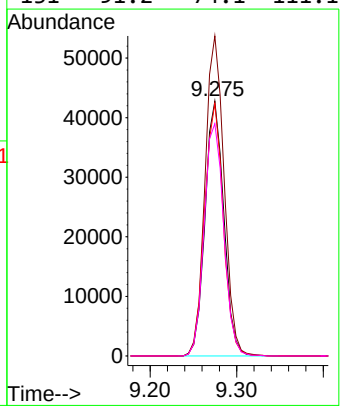


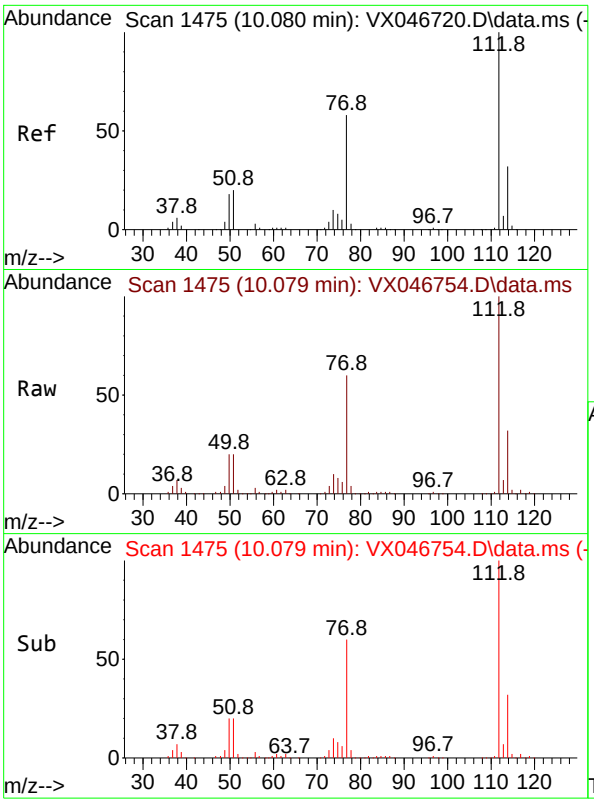


#64
Tetrachloroethene
Concen: 44.698 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:164 Resp: 64553

Ion	Ratio	Lower	Upper
164	100		
166	125.6	104.6	157.0
129	99.2	76.3	114.5
131	91.2	74.1	111.1



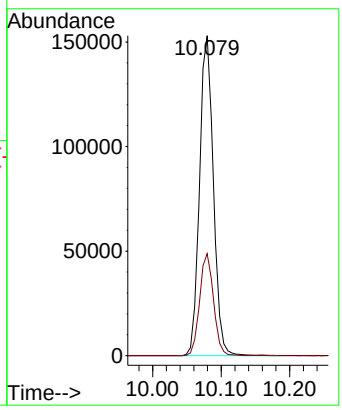


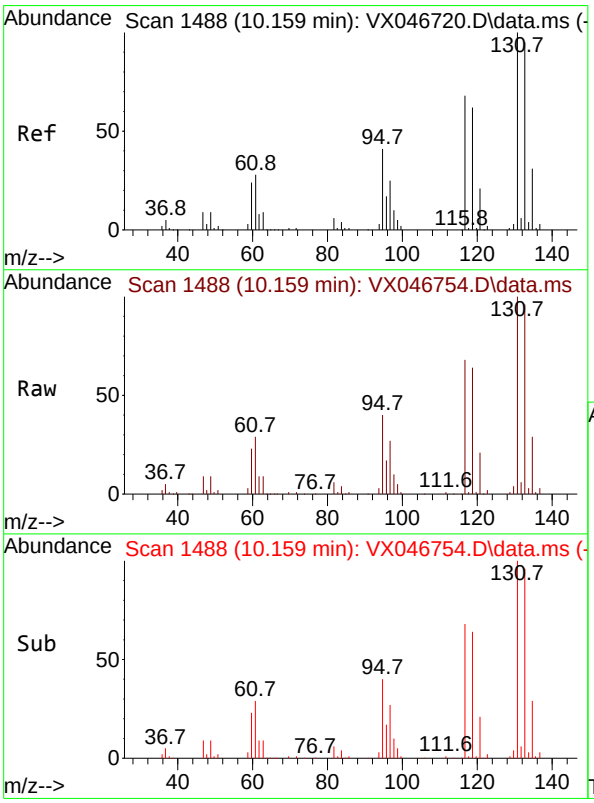
#65
Chlorobenzene
Concen: 46.805 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:112 Resp: 215369

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3

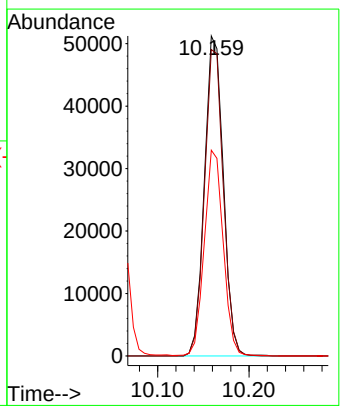


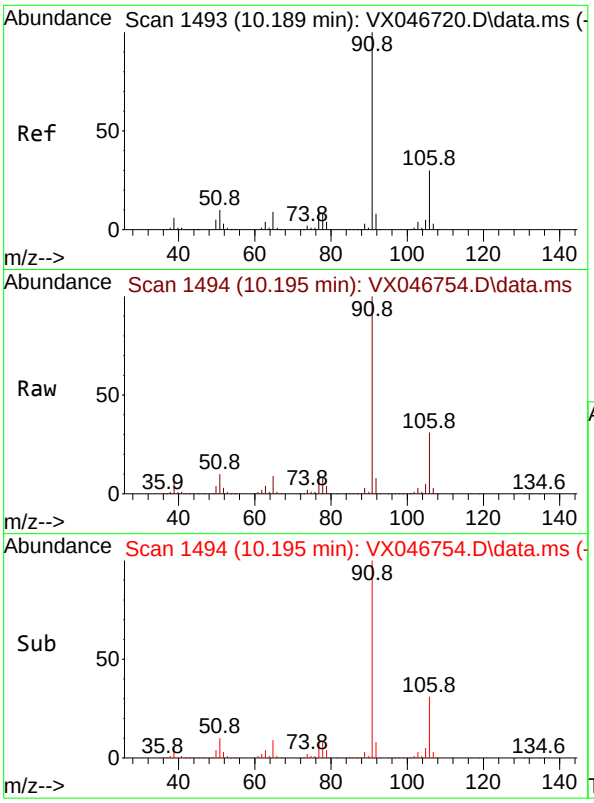


#66
1,1,1,2-Tetrachloroethane
Concen: 47.316 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:131 Resp: 73173

Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.3	141.8
119	64.6	32.1	96.3



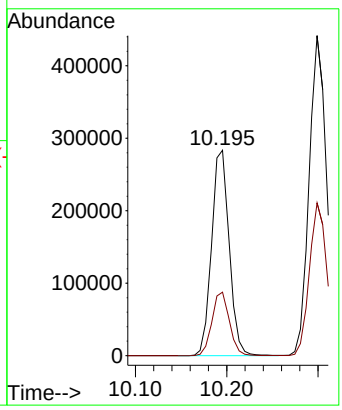


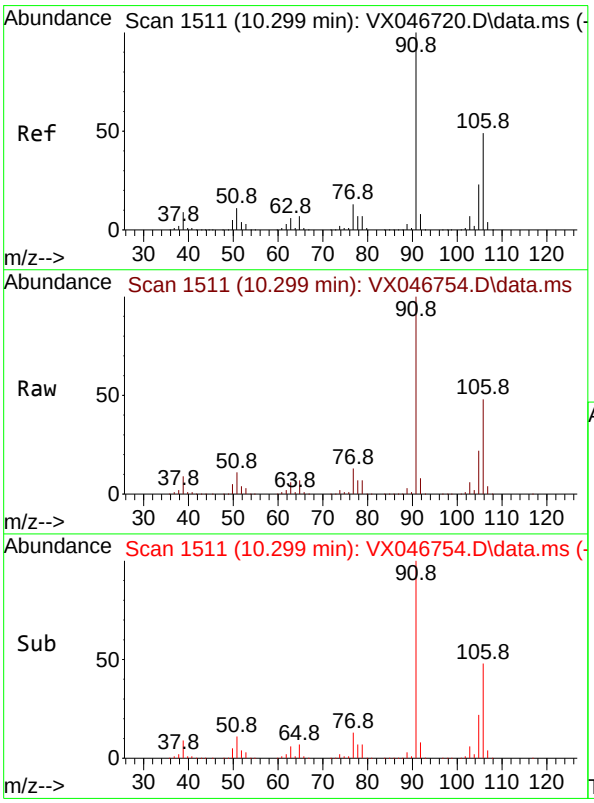
#67
Ethyl Benzene
Concen: 47.122 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 91 Resp: 378857

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.2	36.2

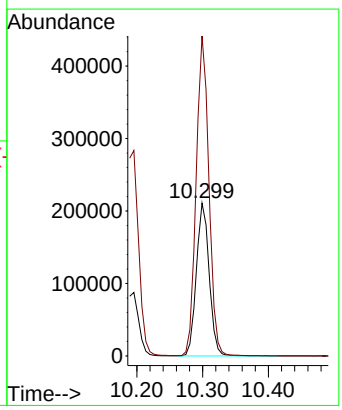


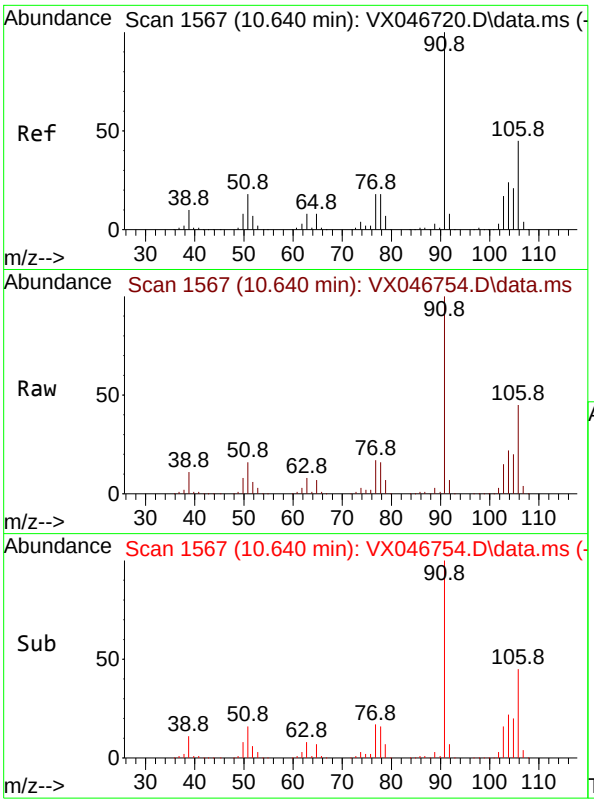


#68
m/p-Xylenes
Concen: 94.966 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:106 Resp: 284493

Ion	Ratio	Lower	Upper
106	100		
91	208.4	164.8	247.2



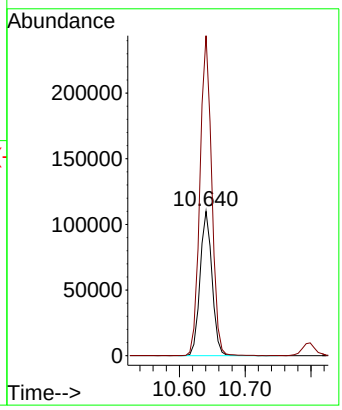


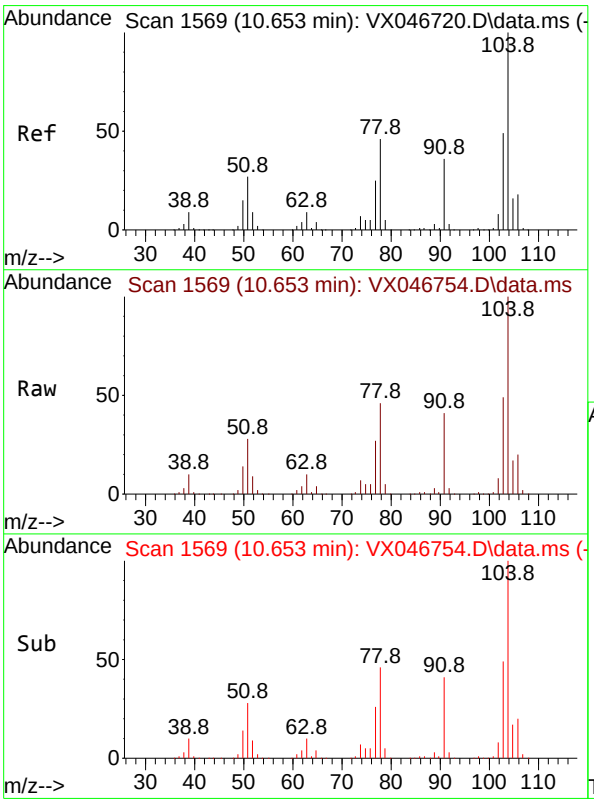
#69
o-Xylene
Concen: 49.257 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:106 Resp: 138291

Ion	Ratio	Lower	Upper
106	100		
91	218.4	111.3	333.9

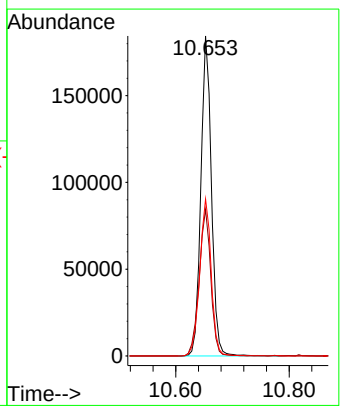


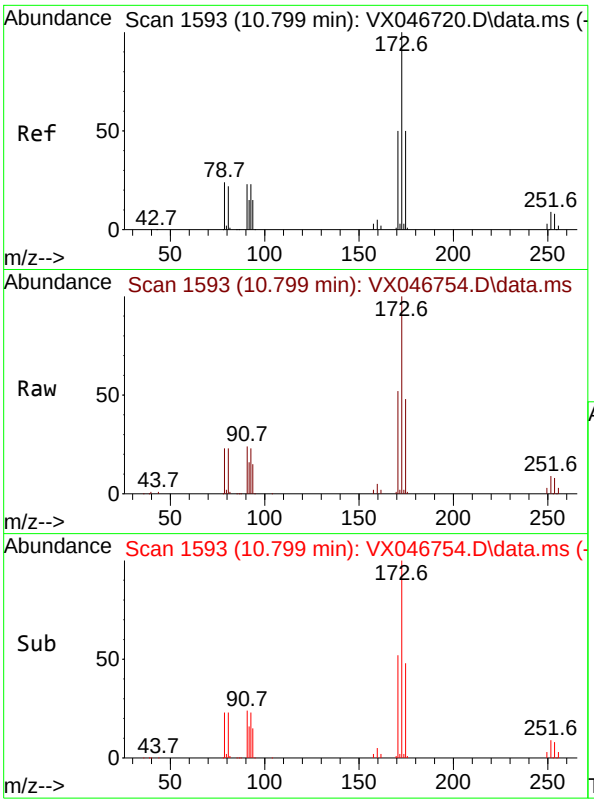


#70
Styrene
Concen: 48.609 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:104 Resp: 238827

Ion	Ratio	Lower	Upper
104	100		
78	50.6	41.4	62.2
103	53.5	43.1	64.7



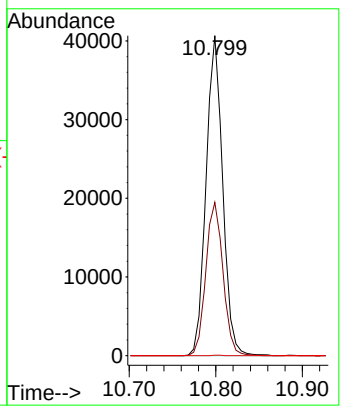


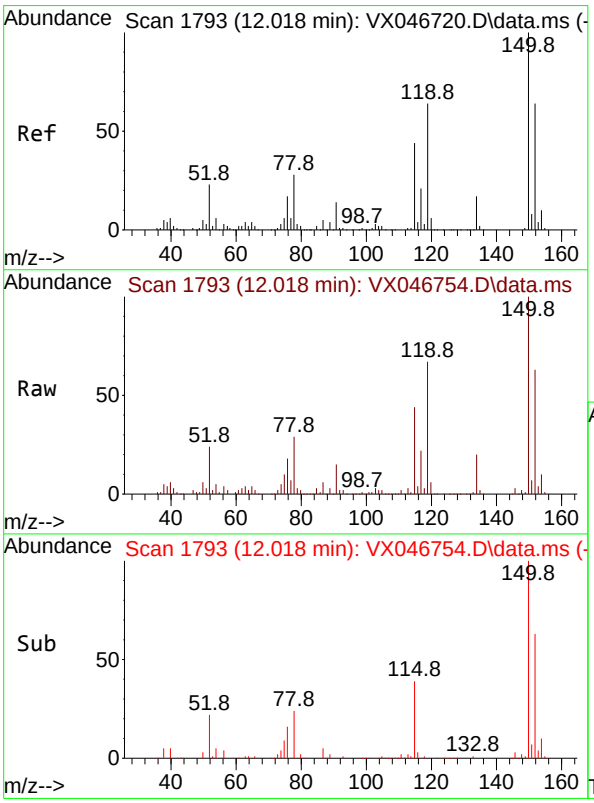
#71
Bromoform
Concen: 45.930 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:173 Resp: 54094

Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.1	72.4
254	0.1	0.1	0.1#

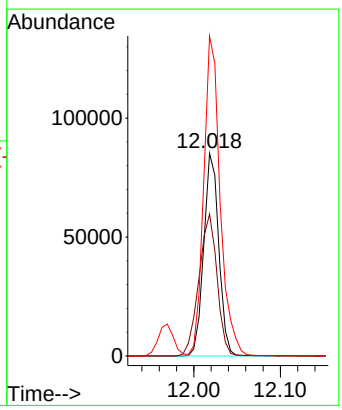


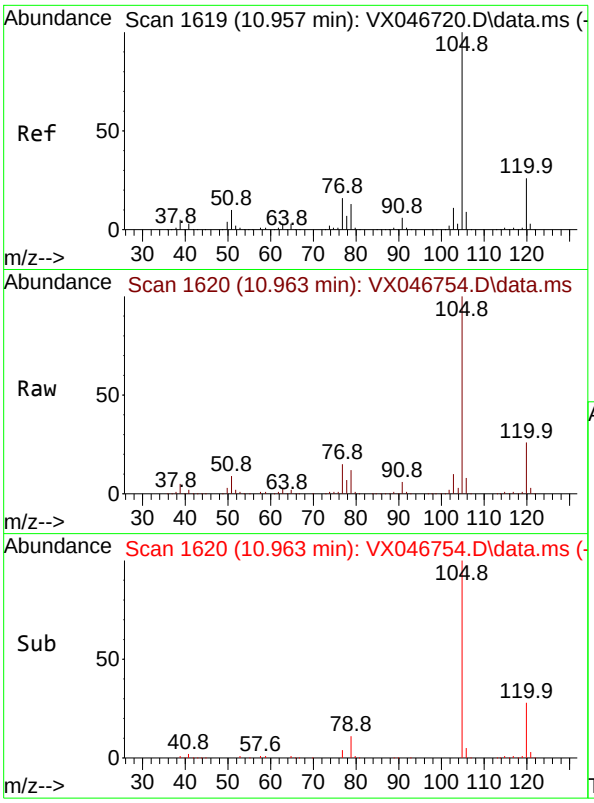


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:152 Resp: 102802

Ion	Ratio	Lower	Upper
152	100		
115	84.5	43.2	129.6
150	173.1	0.0	346.8



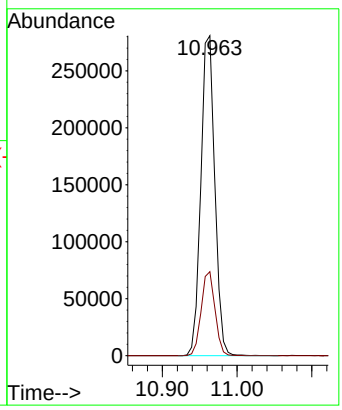


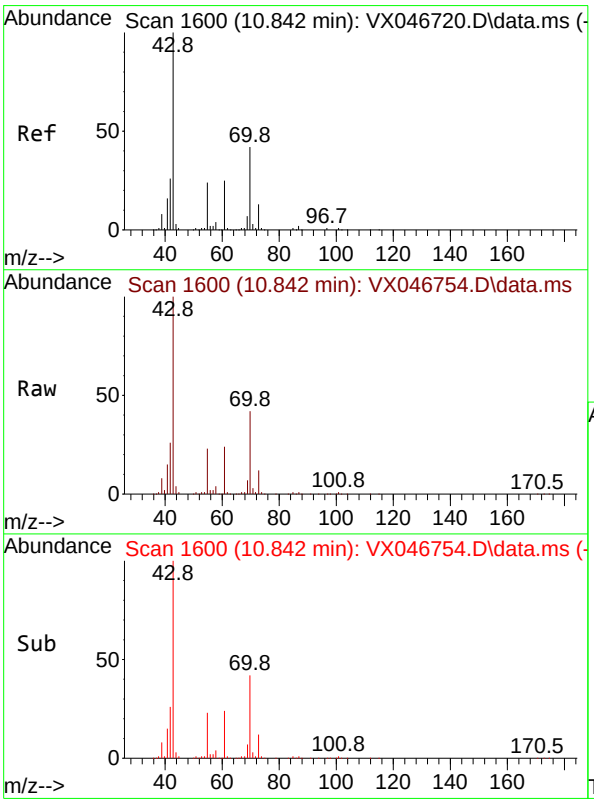
#73
Isopropylbenzene
Concen: 48.101 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:105 Resp: 364190

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	39.0

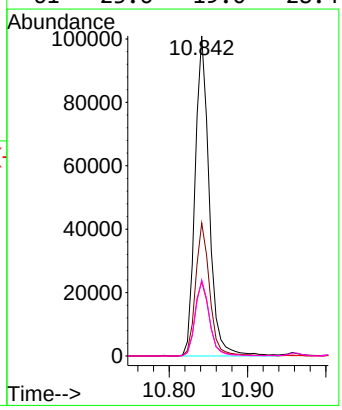


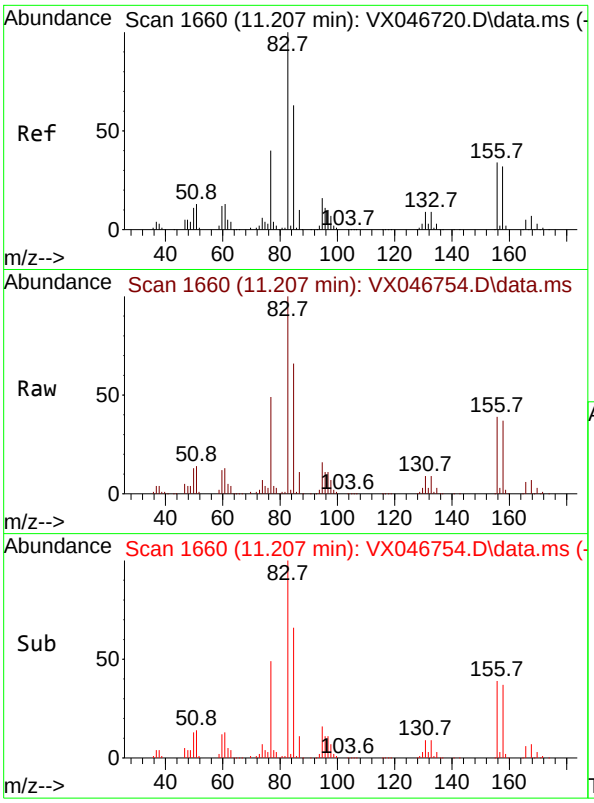


#74
N-amyl acetate
Concen: 44.281 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 43 Resp: 127025

Ion	Ratio	Lower	Upper
43	100		
70	41.2	33.4	50.0
55	24.1	19.1	28.7
61	23.6	19.0	28.4



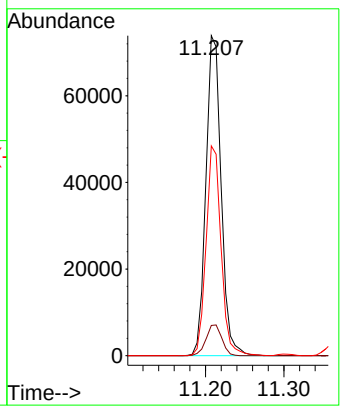


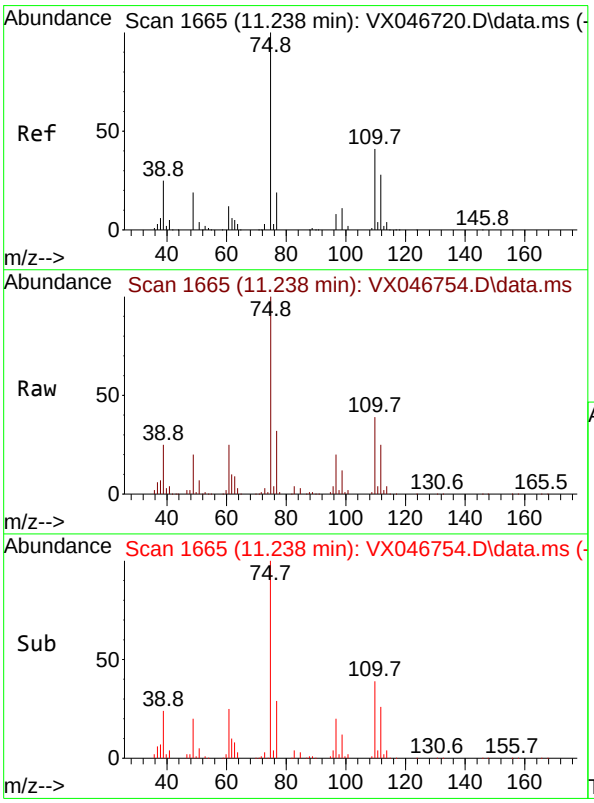
#75
1,1,2,2-Tetrachloroethane
Concen: 47.113 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 83 Resp: 99601

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	64.4	32.0	96.0

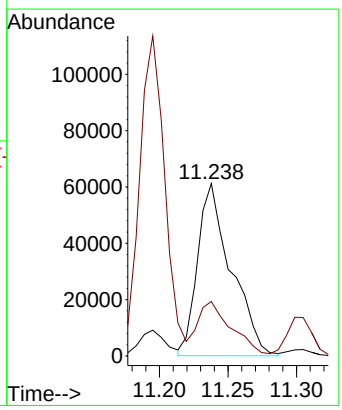


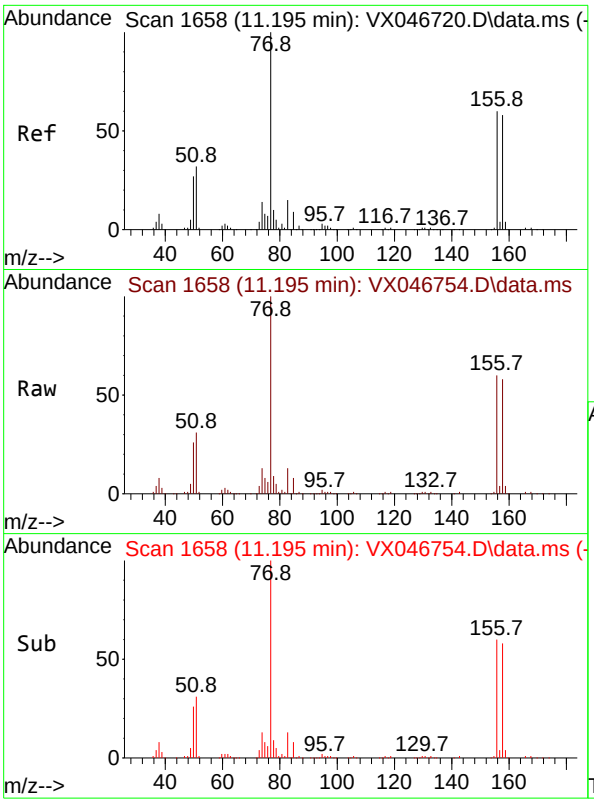


#76
1,2,3-Trichloropropane
Concen: 55.358 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 75 Resp: 104230

Ion	Ratio	Lower	Upper
75	100		
77	32.2	18.5	55.5



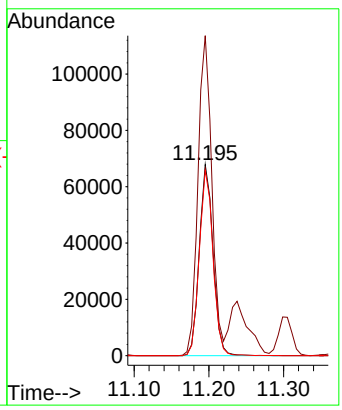


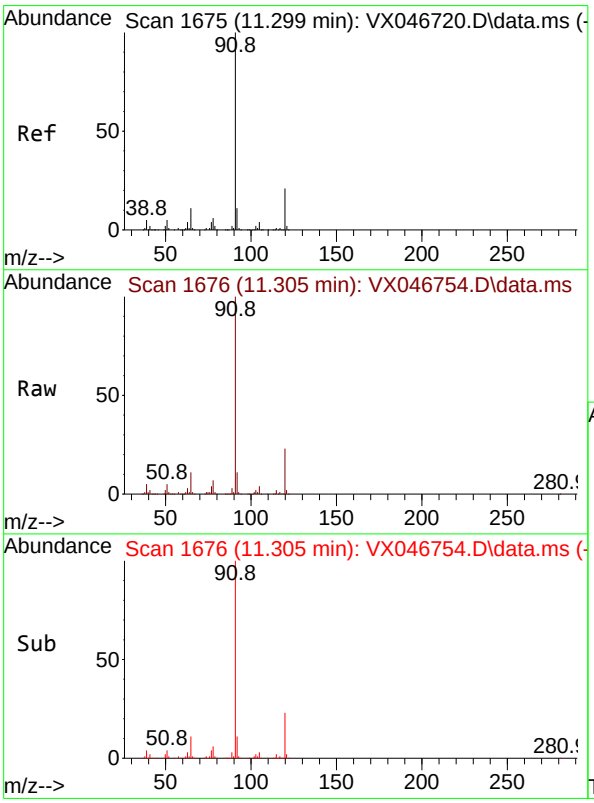
#77
Bromobenzene
Concen: 47.653 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:156 Resp: 86823

Ion	Ratio	Lower	Upper
156	100		
77	168.3	82.8	248.6
158	97.0	47.6	142.9

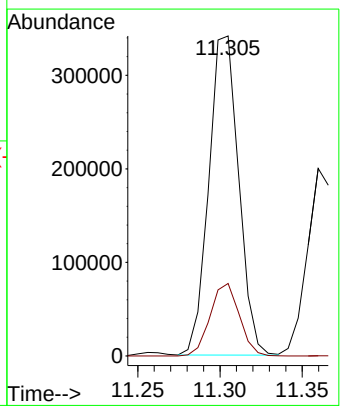


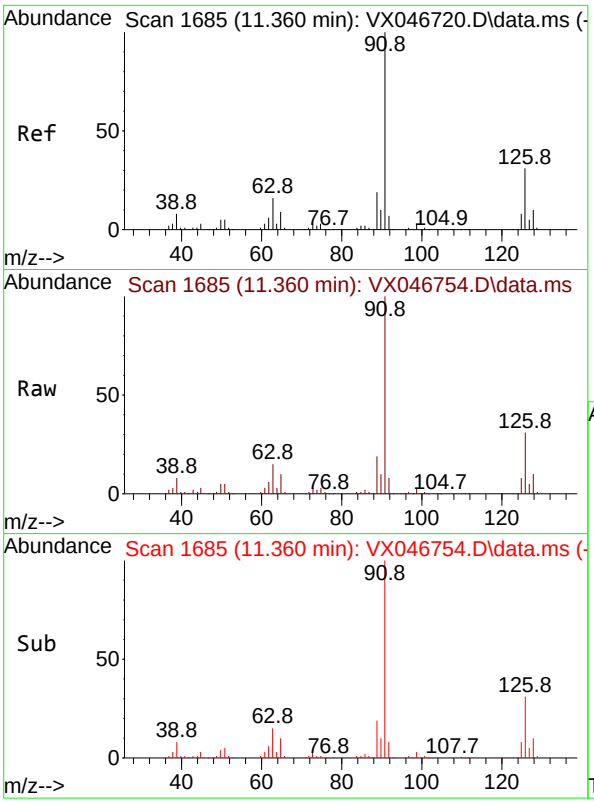


#78
n-propylbenzene
Concen: 47.971 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 91 Resp: 431403

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.4	34.1



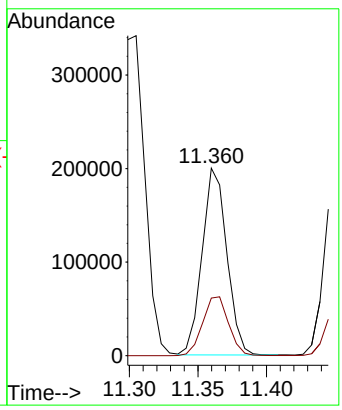


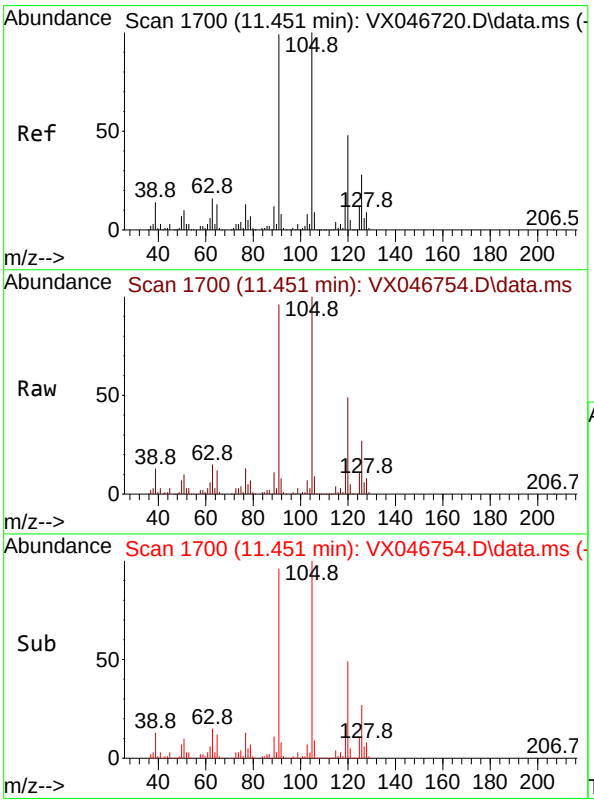
#79
2-Chlorotoluene
Concen: 46.774 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 91 Resp: 251143

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.6	49.7

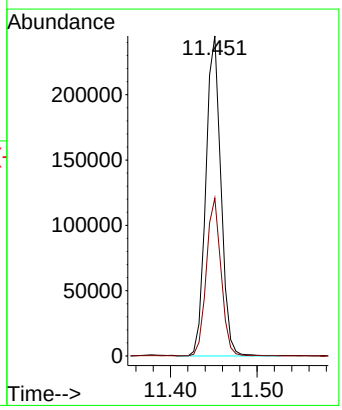


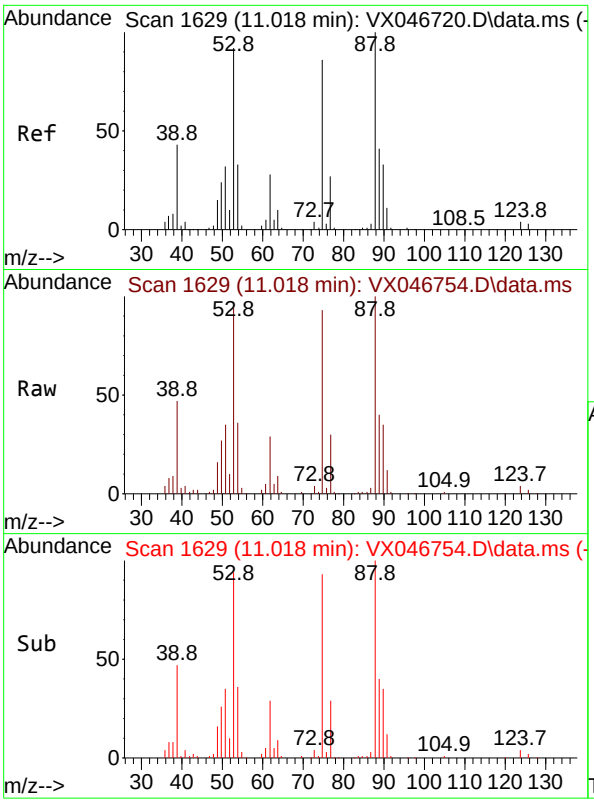


#80
1,3,5-Trimethylbenzene
Concen: 47.623 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:105 Resp: 296303

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.1	72.2



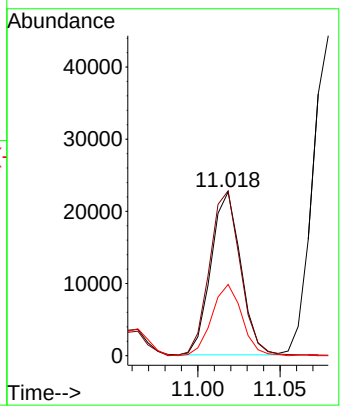


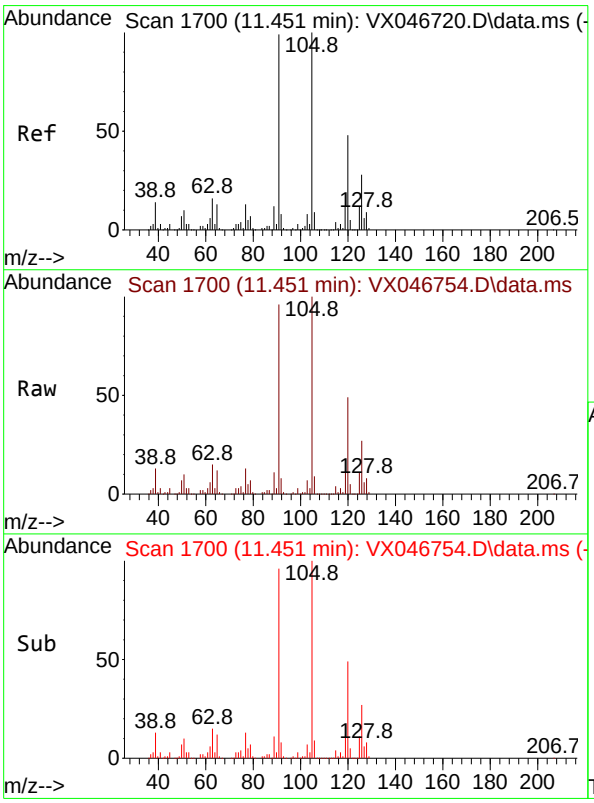
#81
trans-1,4-Dichloro-2-butene
Concen: 42.782 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 75 Resp: 28498

Ion	Ratio	Lower	Upper
75	100		
53	105.2	86.8	130.2
89	44.3	36.9	55.3

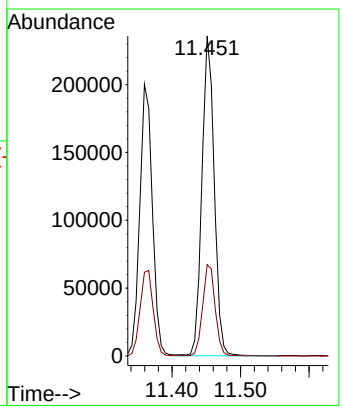


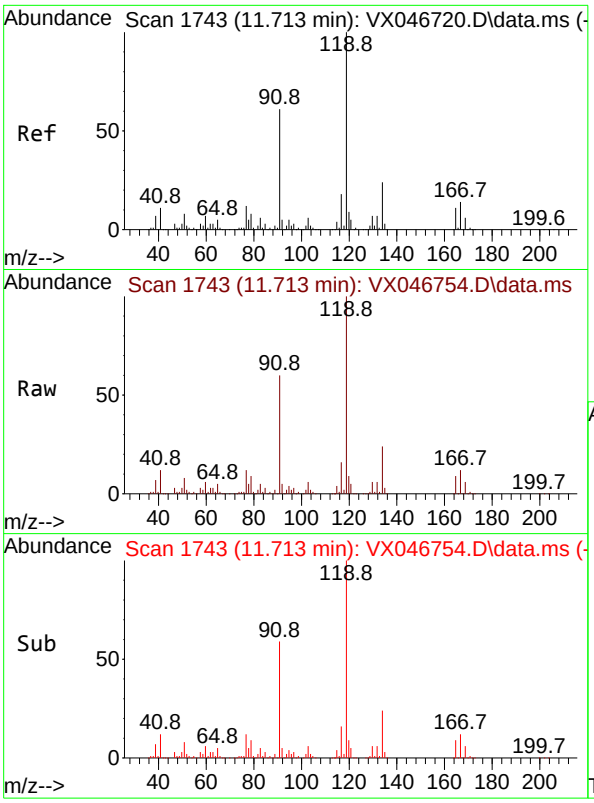


#82
4-Chlorotoluene
Concen: 47.107 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 91 Resp: 295188

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.4	43.2



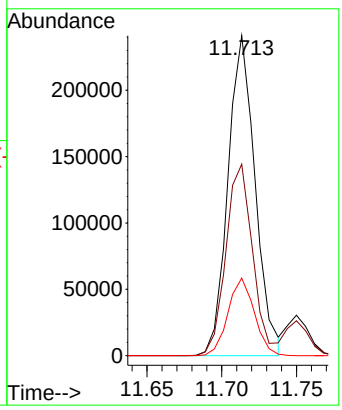


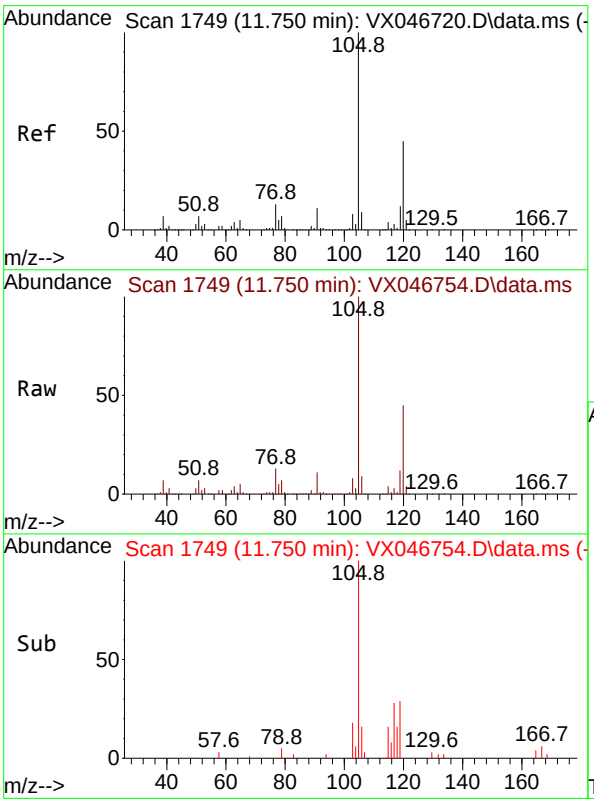
#83
tert-Butylbenzene
Concen: 47.460 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:119 Resp: 305236

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.5	88.6
134	23.5	11.7	35.0

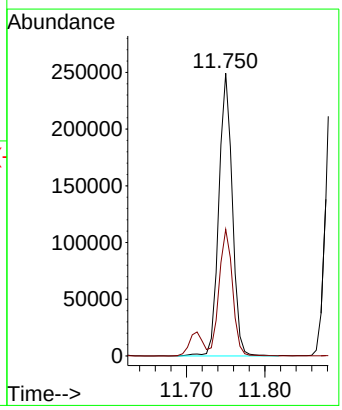


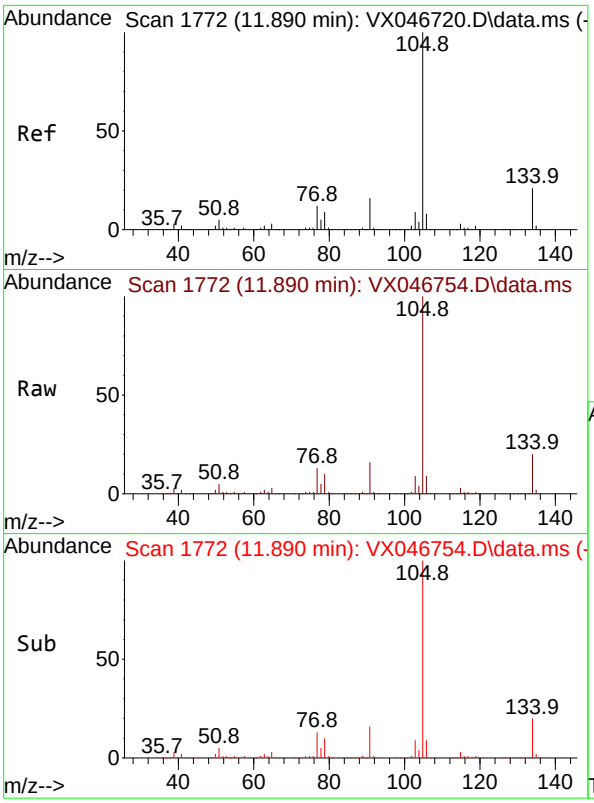


#84
1,2,4-Trimethylbenzene
Concen: 47.732 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:105 Resp: 298376

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.3



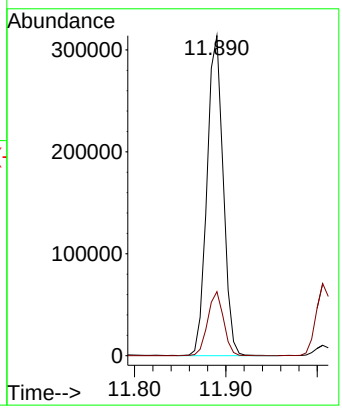


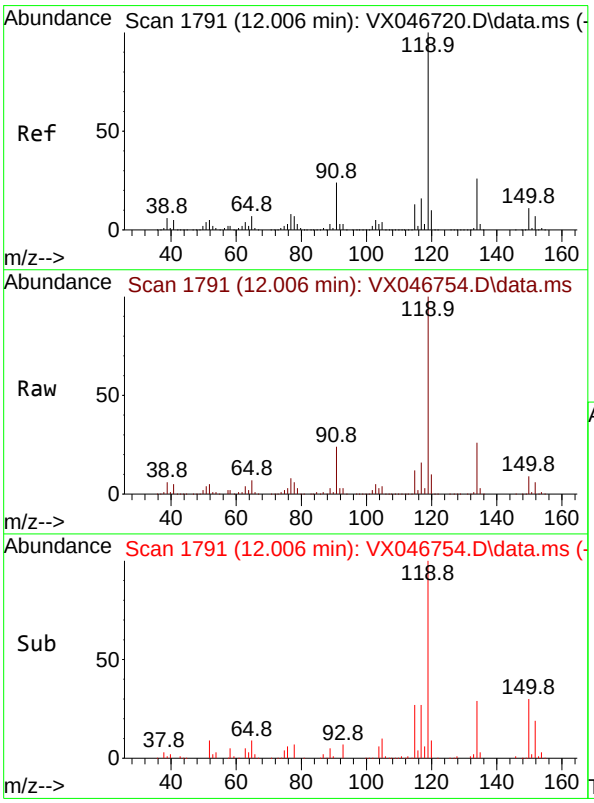
#85
sec-Butylbenzene
Concen: 47.347 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:105 Resp: 384840

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4

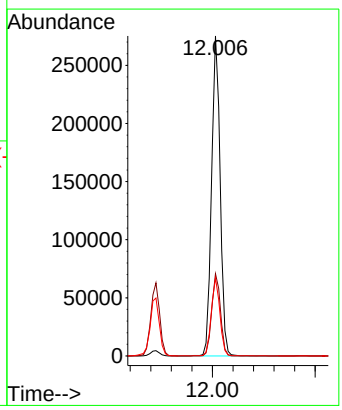


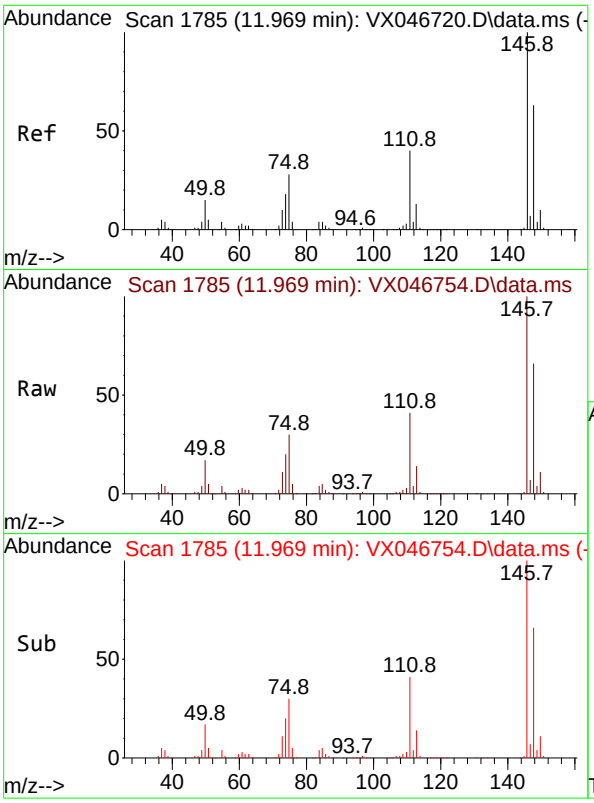


#86
p-Isopropyltoluene
Concen: 46.646 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:119 Resp: 319898

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	24.4	12.3	36.9



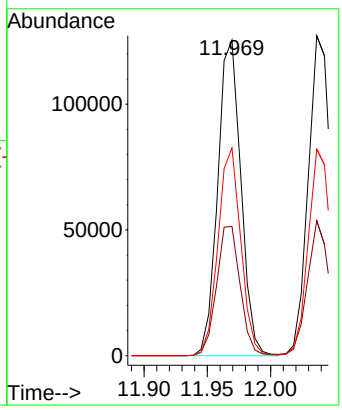


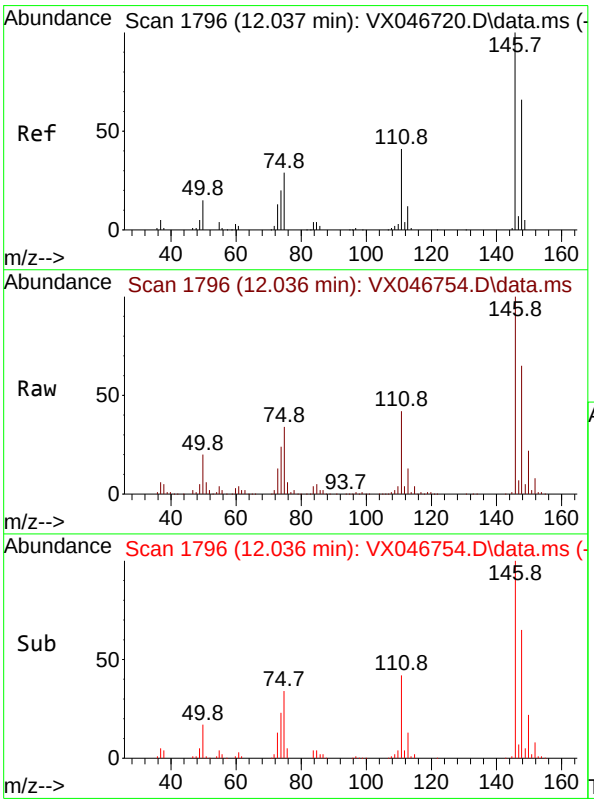
#87
1,3-Dichlorobenzene
Concen: 44.932 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:146 Resp: 159621

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.8
148	64.7	31.6	94.8

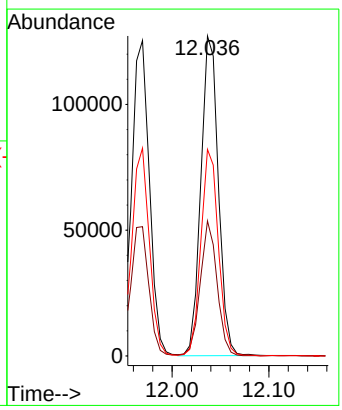


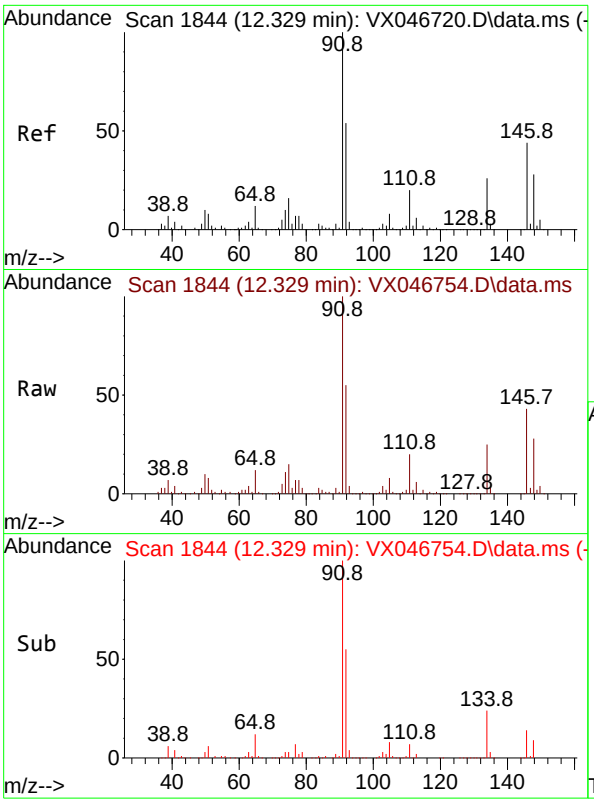


#88
1,4-Dichlorobenzene
Concen: 43.882 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:146 Resp: 160122

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	64.6	32.1	96.5



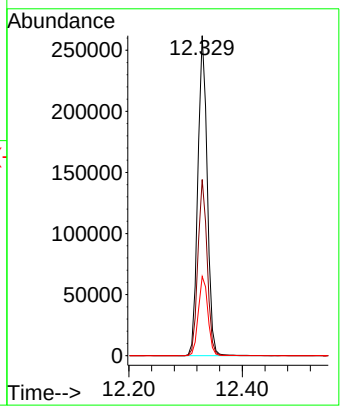


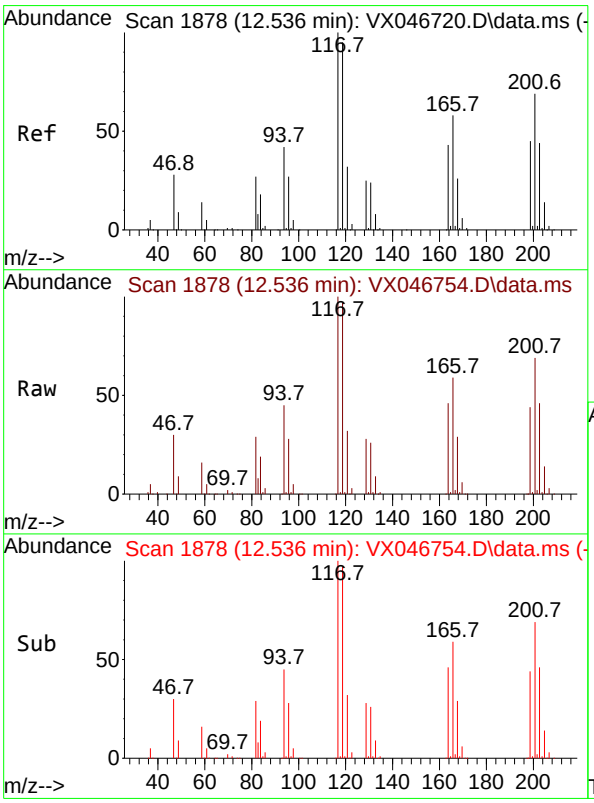
#89
n-Butylbenzene
Concen: 46.228 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion: 91 Resp: 301016

Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.3
134	25.2	12.9	38.6

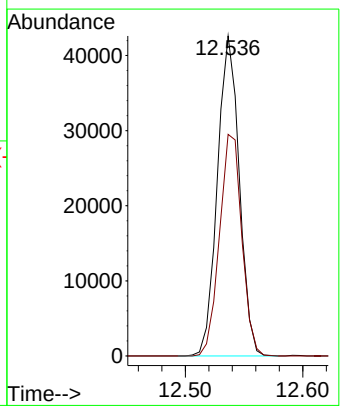


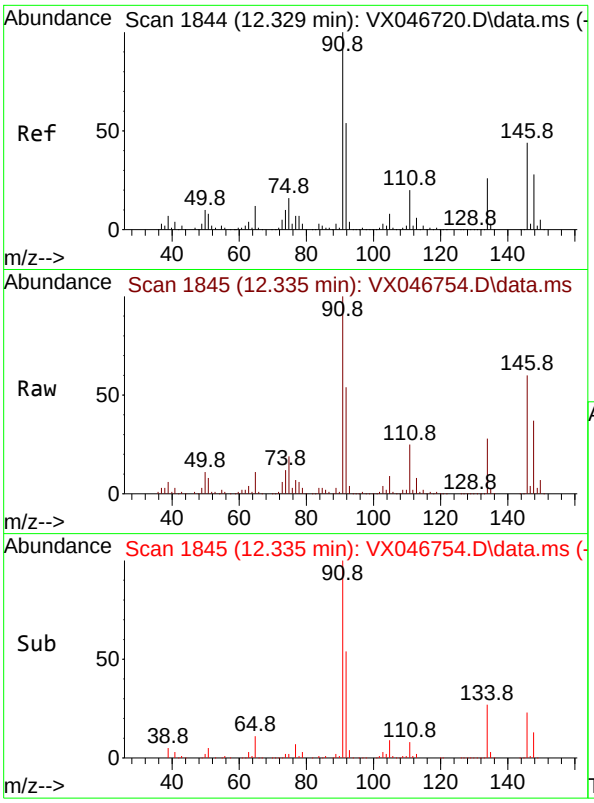


#90
Hexachloroethane
Concen: 45.931 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:117 Resp: 55160

Ion	Ratio	Lower	Upper
117	100		
201	70.7	34.4	103.3



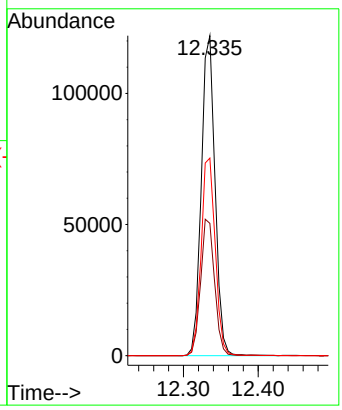


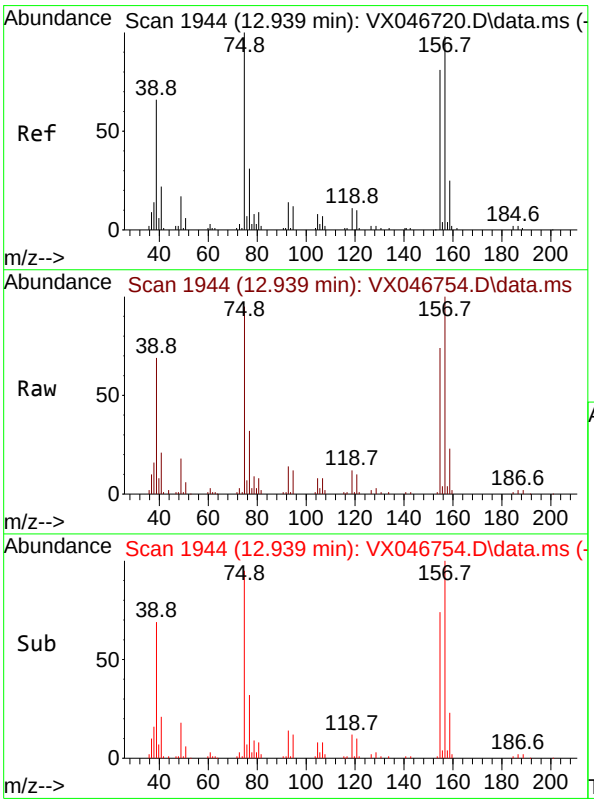
#91
1,2-Dichlorobenzene
Concen: 46.876 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:146 Resp: 155619

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.7	65.1
148	63.4	32.0	96.2

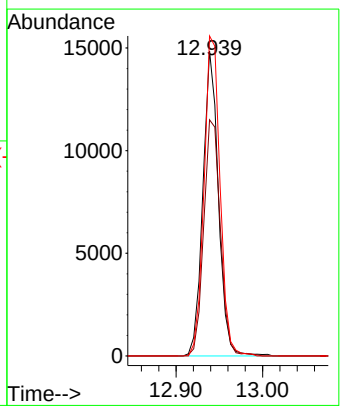


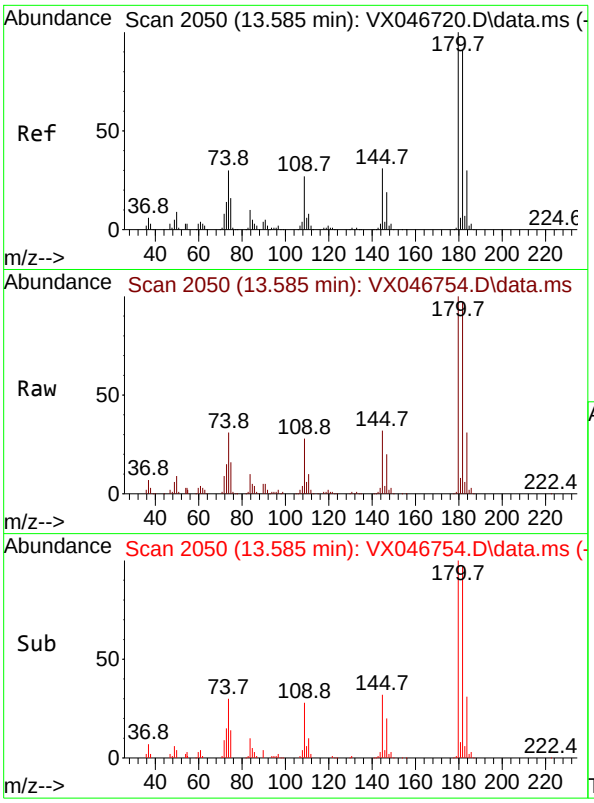


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.327 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion: 75 Resp: 18501

Ion	Ratio	Lower	Upper
75	100		
155	82.9	41.9	125.7
157	108.4	51.4	154.3



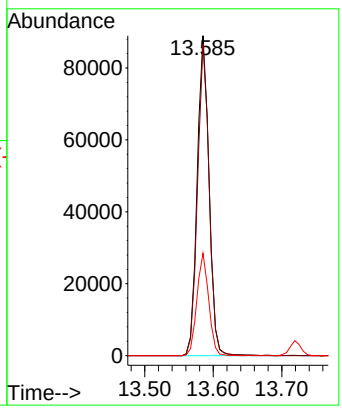


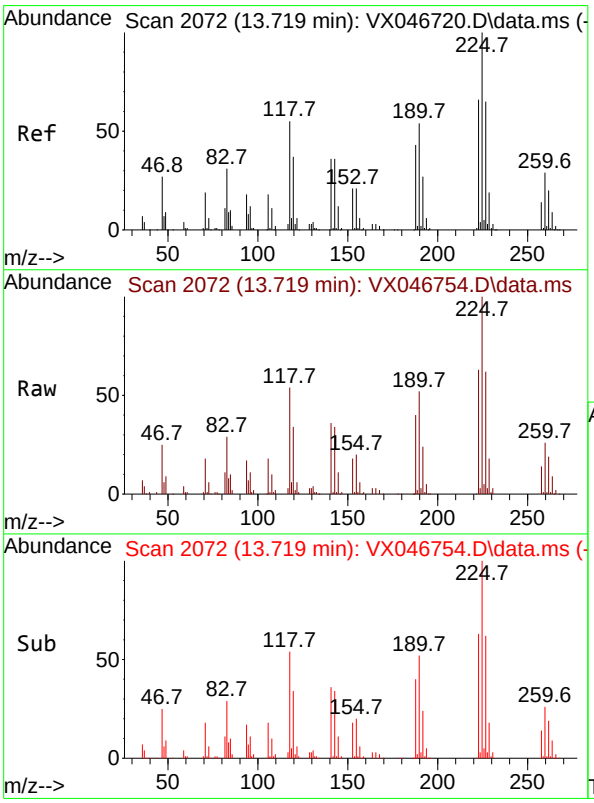
#93
1,2,4-Trichlorobenzene
Concen: 45.385 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:180 Resp: 107118

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.7	140.1
145	31.8	15.8	47.4

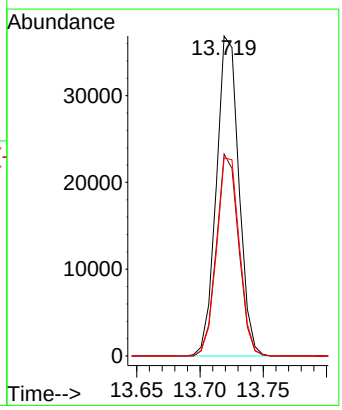


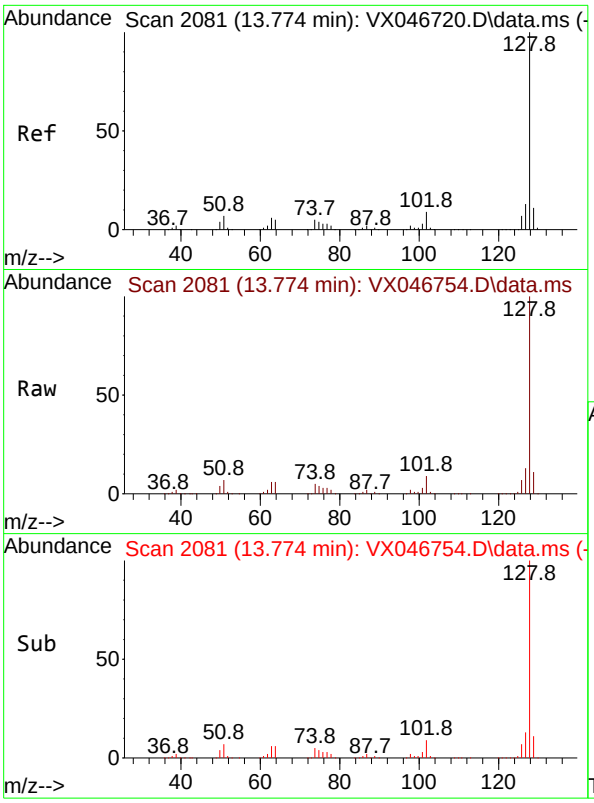


#94
Hexachlorobutadiene
Concen: 45.870 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:225 Resp: 45542

Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.5	97.5
227	63.0	32.2	96.6



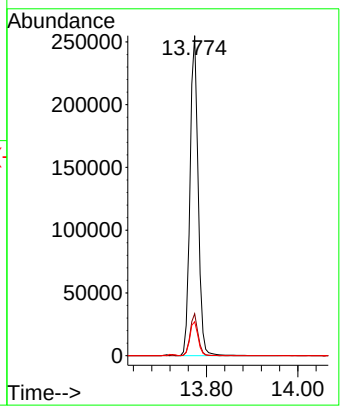


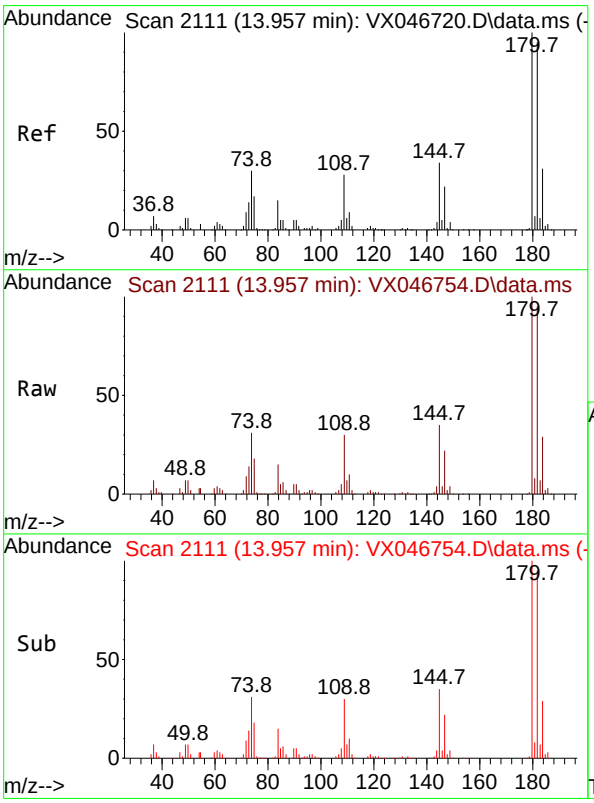
#95
Naphthalene
Concen: 46.868 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250616MSD

Tgt Ion:128 Resp: 315148

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.7	8.7	13.1

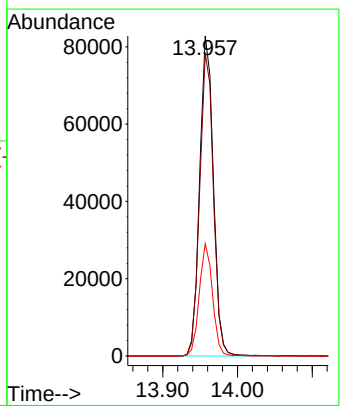




#96
1,2,3-Trichlorobenzene
Concen: 46.678 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046754.D
Acq: 18 Jun 2025 19:19

Tgt Ion:180 Resp: 105398

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.4
145	33.9	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	147171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102581	50.393	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.780%			
35) Dibromofluoromethane	5.397	113	84461	52.036	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	8.653	98	302526	51.878	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.760%			
62) 4-Bromofluorobenzene	11.079	95	114717	52.773	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	72915	46.406	ug/l	100
3) Chloromethane	1.307	50	80256	47.322	ug/l	99
4) Vinyl Chloride	1.386	62	84851	46.917	ug/l	95
5) Bromomethane	1.624	94	52119	51.222	ug/l	94
6) Chloroethane	1.703	64	51222	46.730	ug/l	96
7) Trichlorofluoromethane	1.904	101	126840	46.190	ug/l	99
8) Diethyl Ether	2.148	74	44591	47.316	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	75822	45.008	ug/l	98
10) Methyl Iodide	2.471	142	93925	45.013	ug/l	99
11) Tert butyl alcohol	2.959	59	31066	170.030	ug/l	99
12) 1,1-Dichloroethene	2.337	96	76120	46.826	ug/l	97
13) Acrolein	2.245	56	44323	166.547	ug/l	99
14) Allyl chloride	2.678	41	132100	44.851	ug/l	98
15) Acrylonitrile	3.068	53	175968	214.185	ug/l	99
16) Acetone	2.386	43	129697	191.058	ug/l	100
17) Carbon Disulfide	2.526	76	210930	42.969	ug/l	98
18) Methyl Acetate	2.715	43	79308	45.999	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	222251	43.909	ug/l	99
20) Methylene Chloride	2.806	84	84354	44.683	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	79262	45.569	ug/l	99
22) Diisopropyl ether	3.770	45	267893	47.321	ug/l	99
23) Vinyl Acetate	3.733	43	1024877	227.659	ug/l	100
24) 1,1-Dichloroethane	3.623	63	147938	46.026	ug/l	99
25) 2-Butanone	4.562	43	197094	205.290	ug/l	96
26) 2,2-Dichloropropane	4.489	77	92807	39.588	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	93038	45.529	ug/l	98
28) Bromochloromethane	4.910	49	74387	51.048	ug/l	100
29) Tetrahydrofuran	5.013	42	127418	205.472	ug/l	99
30) Chloroform	5.105	83	149634	46.550	ug/l	97
31) Cyclohexane	5.483	56	135676	44.511	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	127606	45.264	ug/l	99
36) 1,1-Dichloropropene	5.702	75	104633	44.657	ug/l	99
37) Ethyl Acetate	4.727	43	84355	39.004	ug/l	96
38) Carbon Tetrachloride	5.690	117	111681	43.921	ug/l	96
39) Methylcyclohexane	7.385	83	134029	43.470	ug/l	98
40) Benzene	6.050	78	317609	45.803	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	52937	45.912	ug/l		94
42) 1,2-Dichloroethane	6.098	62	109861	45.085	ug/l		98
43) Isopropyl Acetate	6.342	43	145231	42.913	ug/l		100
44) Trichloroethene	7.135	130	79747	45.127	ug/l		98
45) 1,2-Dichloropropane	7.434	63	78681	45.784	ug/l		96
46) Dibromomethane	7.586	93	54751	44.330	ug/l		99
47) Bromodichloromethane	7.824	83	116648	46.281	ug/l		98
48) Methyl methacrylate	7.696	41	76410	45.018	ug/l		99
49) 1,4-Dioxane	7.659	88	17317	709.769	ug/l		94
51) 4-Methyl-2-Pentanone	8.574	43	426571	211.334	ug/l		100
52) Toluene	8.720	92	196480	45.706	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	105920	45.294	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	120007	45.205	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	72014	44.953	ug/l		98
56) Ethyl methacrylate	9.116	69	107478	45.449	ug/l		100
57) 1,3-Dichloropropane	9.305	76	124482	45.123	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	301235	245.221	ug/l		99
59) 2-Hexanone	9.427	43	291231	208.701	ug/l		100
60) Dibromochloromethane	9.519	129	84597	44.810	ug/l		99
61) 1,2-Dibromoethane	9.610	107	74132	45.493	ug/l		99
64) Tetrachloroethene	9.275	164	65730	43.220	ug/l		97
65) Chlorobenzene	10.079	112	214231	44.211	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	72969	44.807	ug/l		99
67) Ethyl Benzene	10.195	91	378885	44.751	ug/l		99
68) m/p-Xylenes	10.299	106	284969	90.331	ug/l		99
69) o-Xylene	10.640	106	137712	46.579	ug/l		96
70) Styrene	10.652	104	236334	45.677	ug/l		99
71) Bromoform	10.799	173	54246	43.738	ug/l	#	99
73) Isopropylbenzene	10.963	105	364363	45.390	ug/l		100
74) N-amyl acetate	10.841	43	130567	42.930	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	97413	43.460	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	103168	51.681	ug/l		92
77) Bromobenzene	11.195	156	86736	44.901	ug/l		98
78) n-propylbenzene	11.305	91	433663	45.483	ug/l		99
79) 2-Chlorotoluene	11.360	91	250652	44.031	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	298840	45.302	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	28199	39.929	ug/l		97
82) 4-Chlorotoluene	11.451	91	294514	44.330	ug/l		99
83) tert-Butylbenzene	11.713	119	301413	44.204	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	299612	45.207	ug/l		99
85) sec-Butylbenzene	11.890	105	386175	44.812	ug/l		99
86) p-Isopropyltoluene	12.006	119	320650	44.100	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	164581	43.697	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	163149	42.172	ug/l		100
89) n-Butylbenzene	12.329	91	304915	44.167	ug/l		100
90) Hexachloroethane	12.536	117	55261	43.401	ug/l		97
91) 1,2-Dichlorobenzene	12.329	146	155261	44.112	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17688	39.972	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	110321	44.088	ug/l		99
94) Hexachlorobutadiene	13.719	225	45201	42.941	ug/l		97
95) Naphthalene	13.774	128	309610	43.429	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	105752	44.175	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

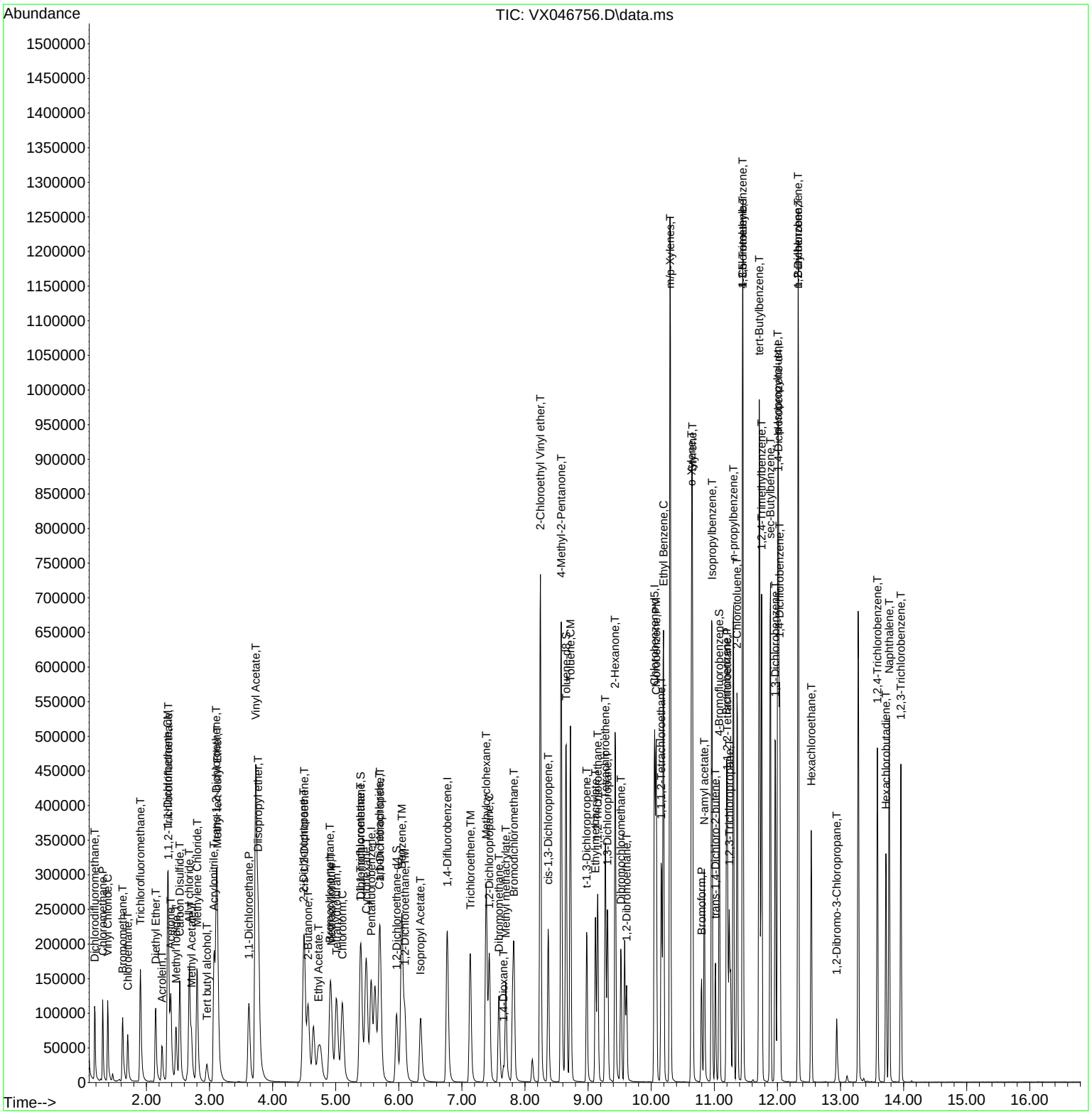
(#) = qualifier out of range (m) = manual integration (+) = signals summed

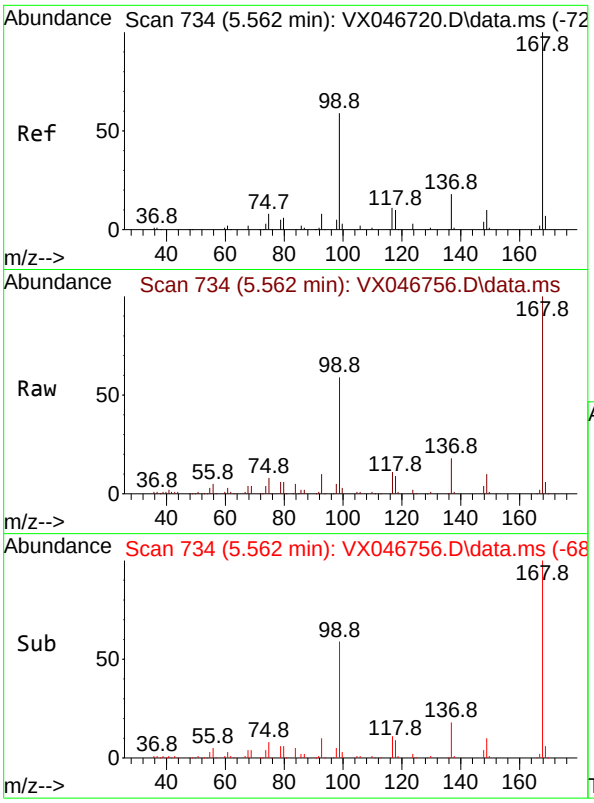
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046756.D
Acq On : 18 Jun 2025 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 19 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



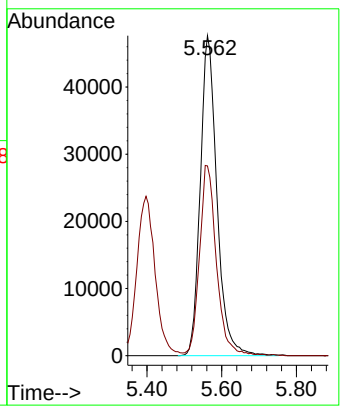


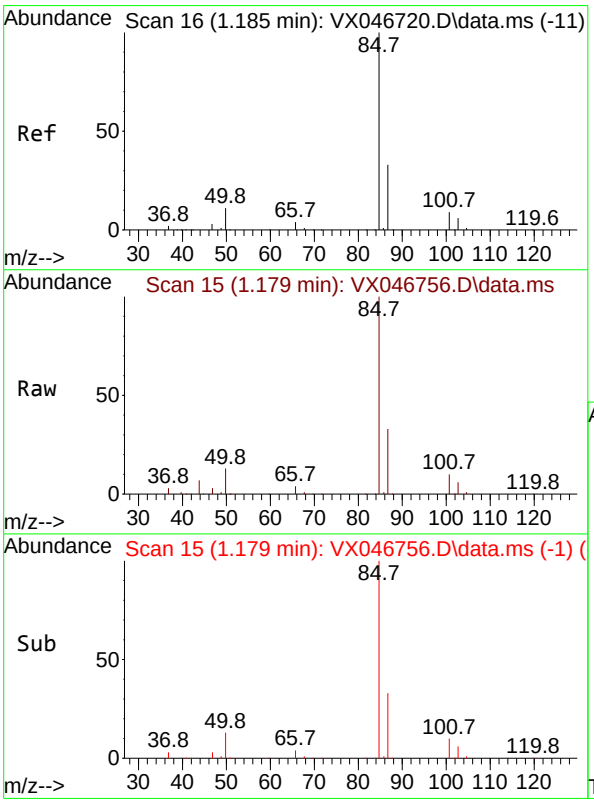
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 147171

Ion	Ratio	Lower	Upper
168	100		
99	59.1	48.5	72.7

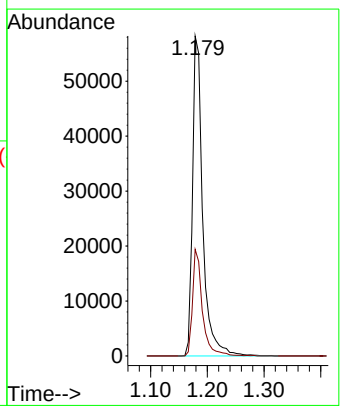


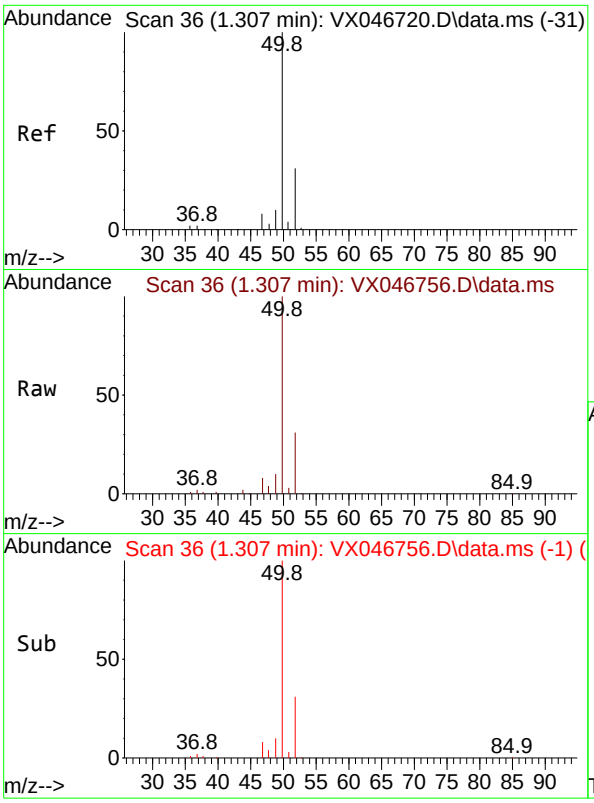


#2
Dichlorodifluoromethane
Concen: 46.406 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 85 Resp: 72915

Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.6	49.8



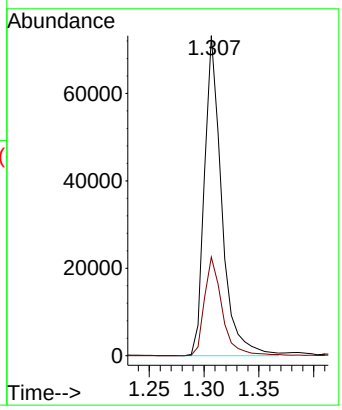


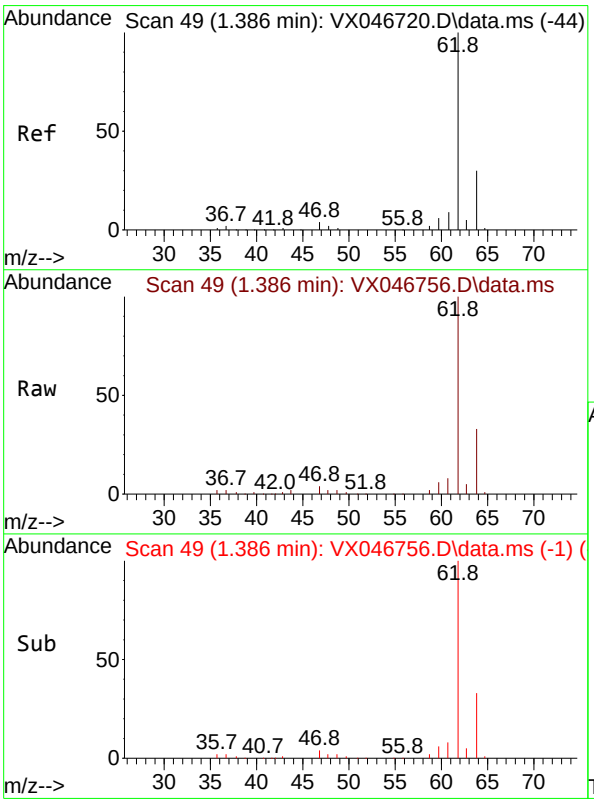
#3
Chloromethane
Concen: 47.322 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 80256

Ion	Ratio	Lower	Upper
50	100		
52	30.8	24.9	37.3

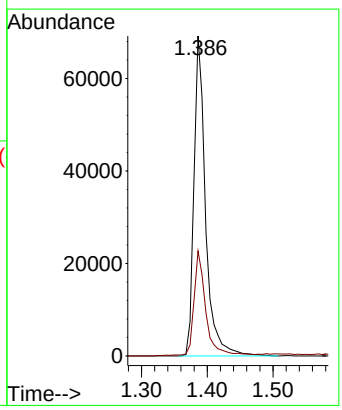


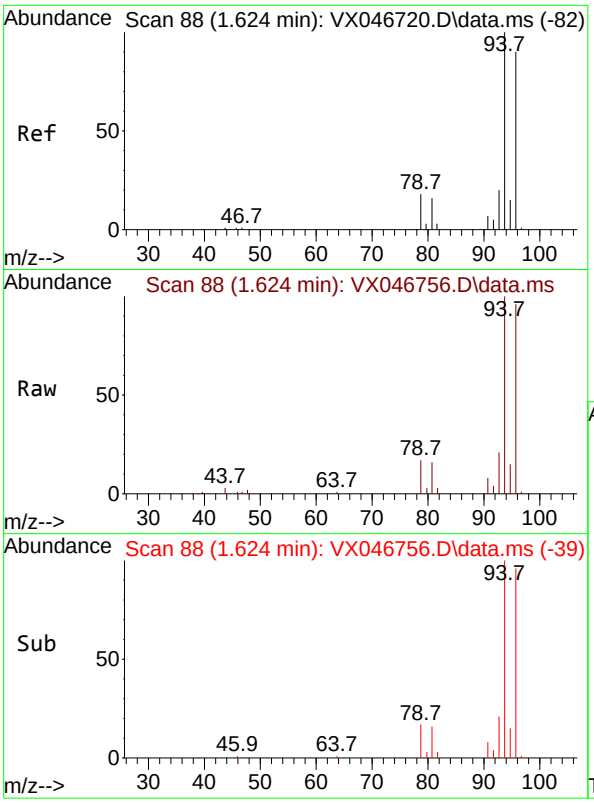


#4
Vinyl Chloride
Concen: 46.917 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 62 Resp: 84851

Ion	Ratio	Lower	Upper
62	100		
64	32.5	23.9	35.9



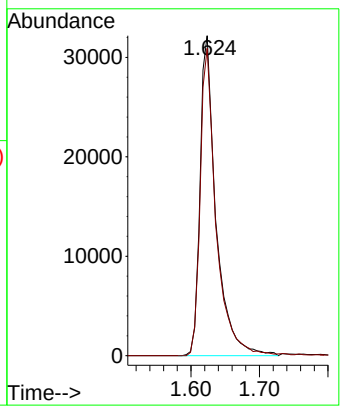


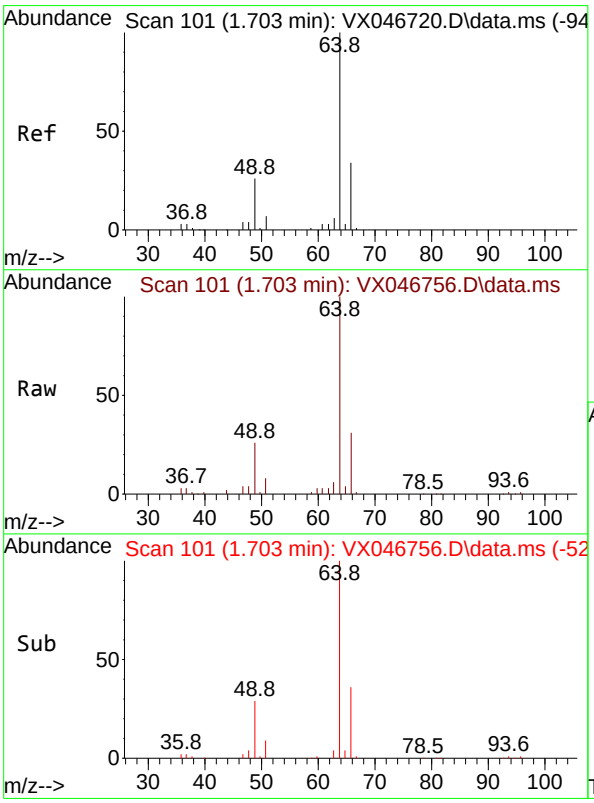
#5
Bromomethane
Concen: 51.222 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 52119

Ion	Ratio	Lower	Upper
94	100		
96	96.1	72.3	108.5

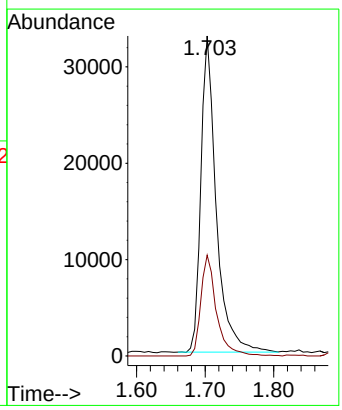


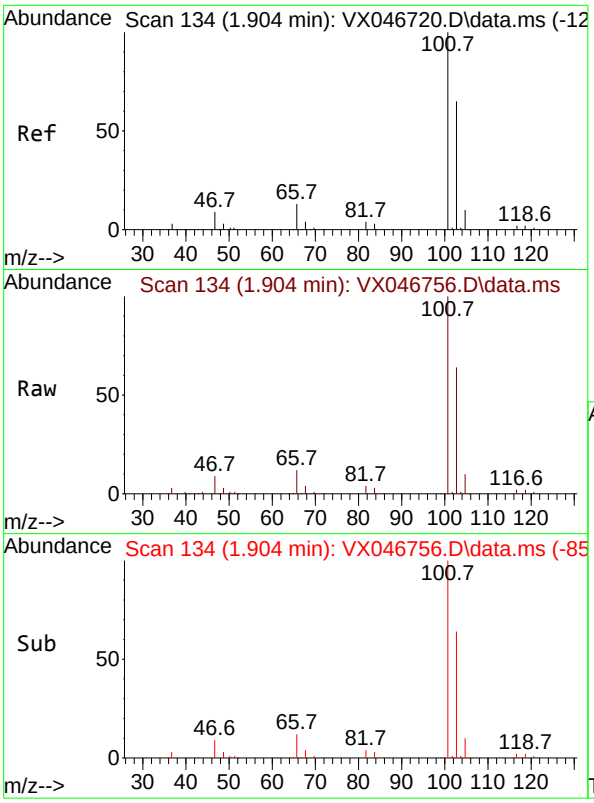


#6
Chloroethane
Concen: 46.730 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 64 Resp: 51222

Ion	Ratio	Lower	Upper
64	100		
66	31.9	27.1	40.7



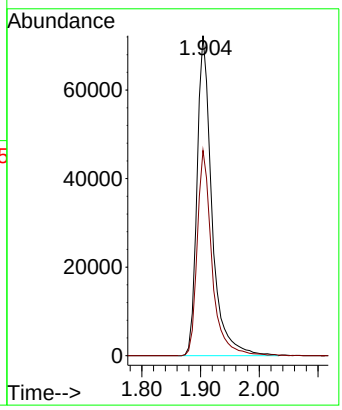


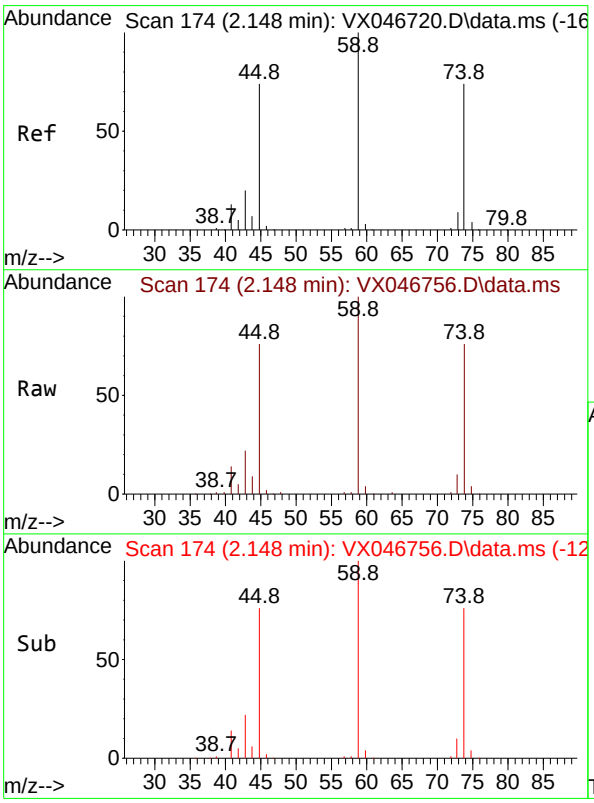
#7
Trichlorofluoromethane
Concen: 46.190 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 126840

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.8	77.8

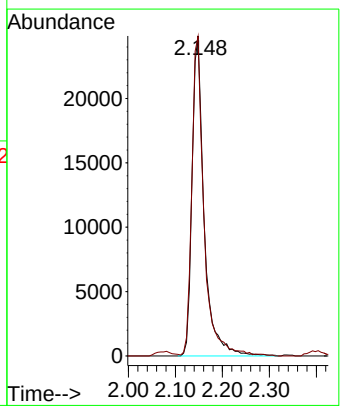


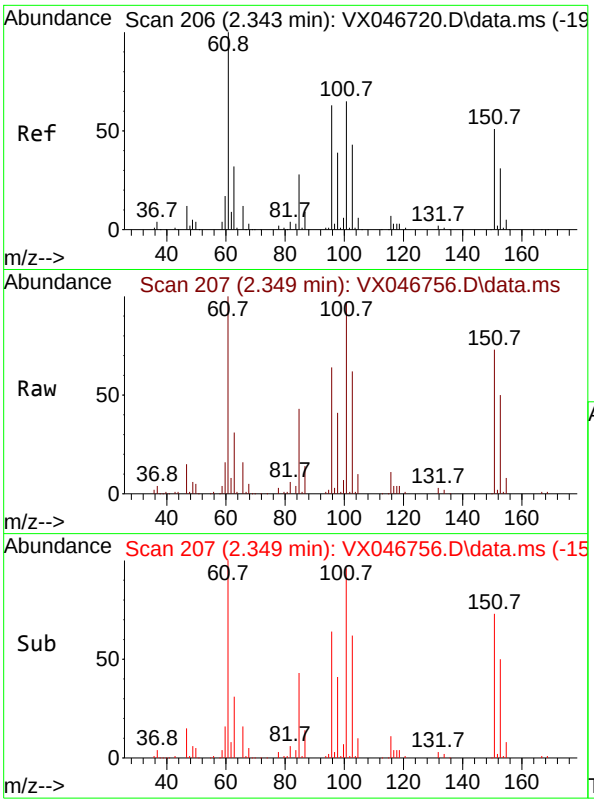


#8
Diethyl Ether
Concen: 47.316 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 74 Resp: 44591

Ion	Ratio	Lower	Upper
74	100		
45	99.2	52.3	157.1



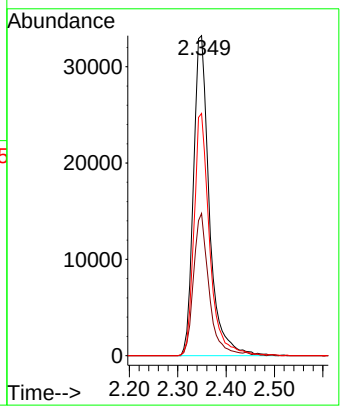


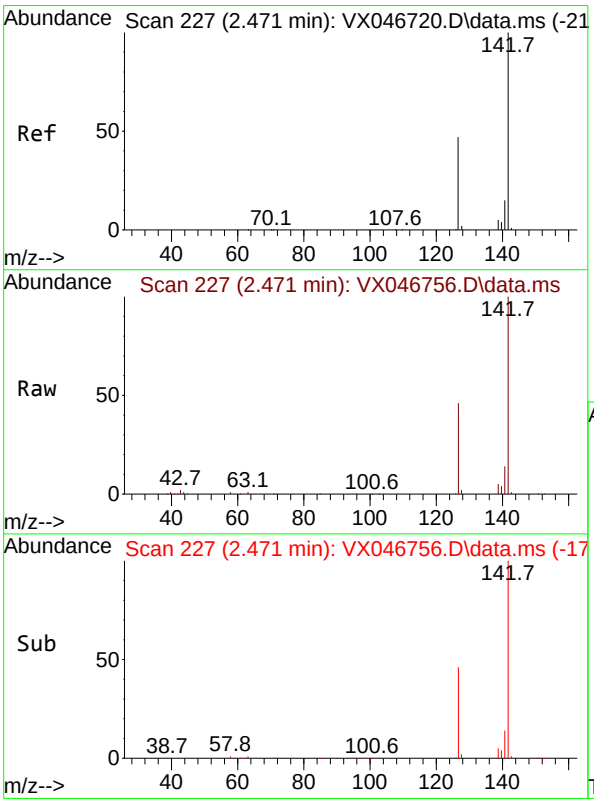
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.008 ug/l
RT: 2.349 min Scan# 2(
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 75822

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.4	53.0
151	74.7	61.2	91.8

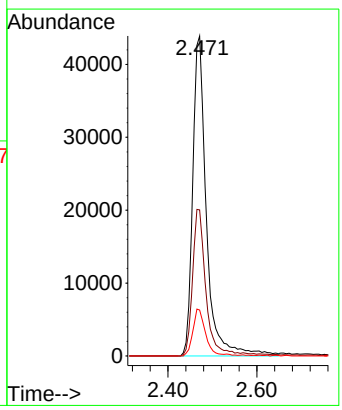


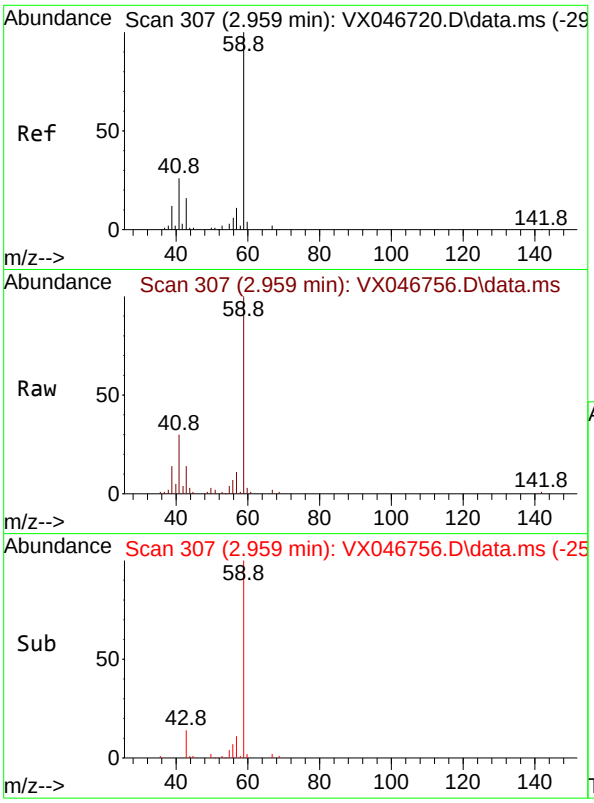


#10
Methyl Iodide
Concen: 45.013 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:142 Resp: 93925

Ion	Ratio	Lower	Upper
142	100		
127	45.6	37.0	55.6
141	13.7	11.5	17.3



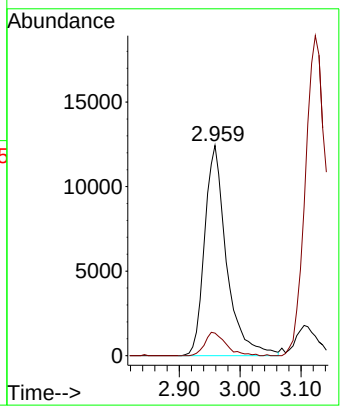


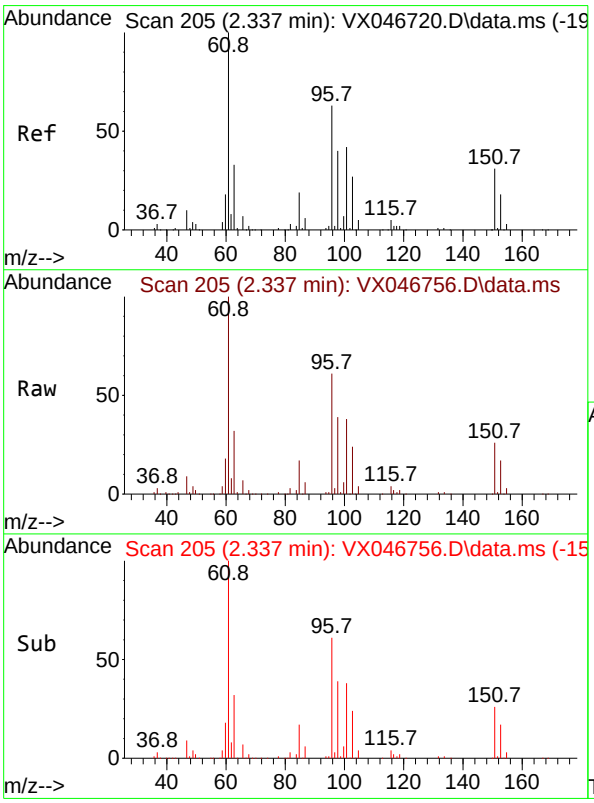
#11
Tert butyl alcohol
Concen: 170.030 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 31066

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

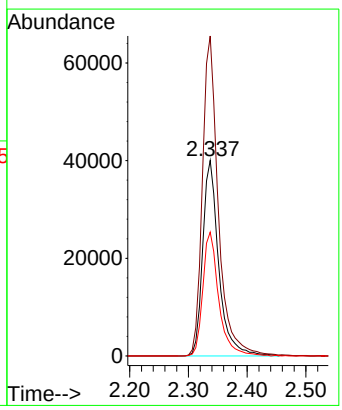


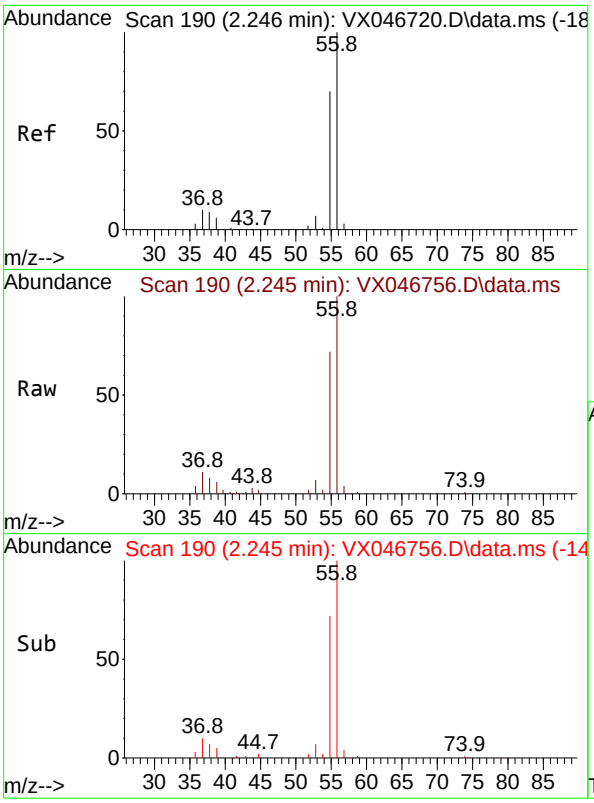


#12
1,1-Dichloroethene
Concen: 46.826 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 96 Resp: 76120

Ion	Ratio	Lower	Upper
96	100		
61	163.7	126.6	189.8
98	63.3	50.7	76.1



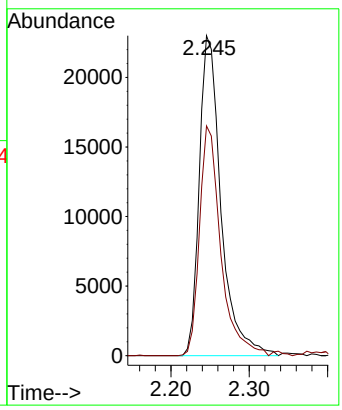


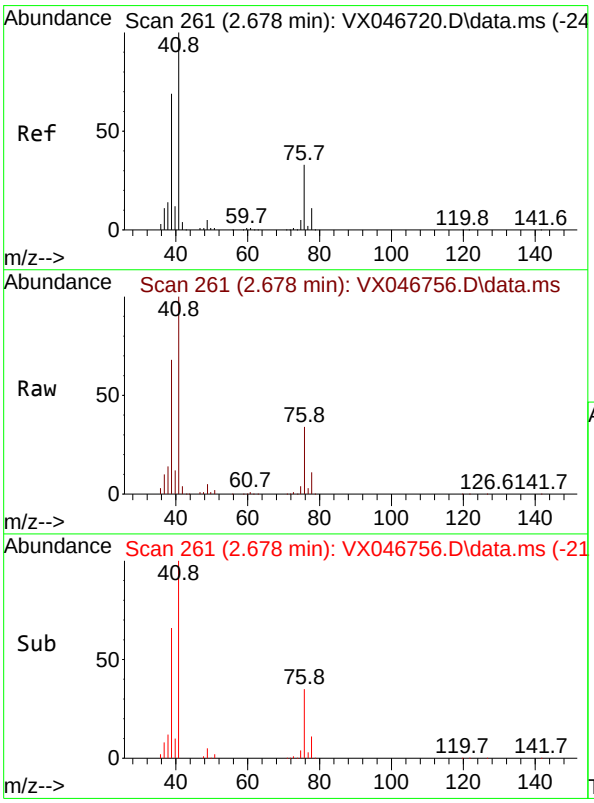
#13
Acrolein
Concen: 166.547 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 44323

Ion	Ratio	Lower	Upper
56	100		
55	70.1	55.2	82.8

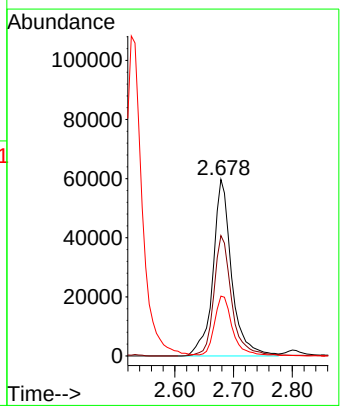


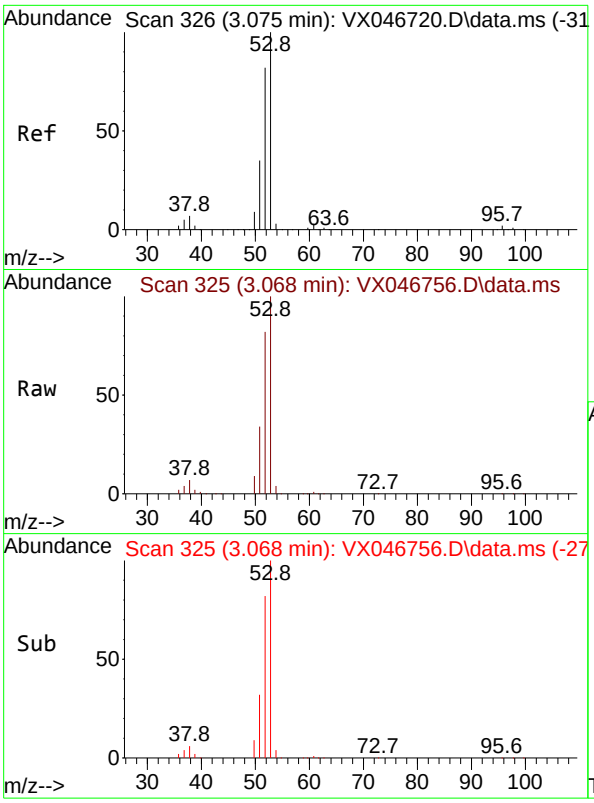


#14
Allyl chloride
Concen: 44.851 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 41 Resp: 132100

Ion	Ratio	Lower	Upper
41	100		
39	65.5	53.6	80.4
76	32.2	26.8	40.2



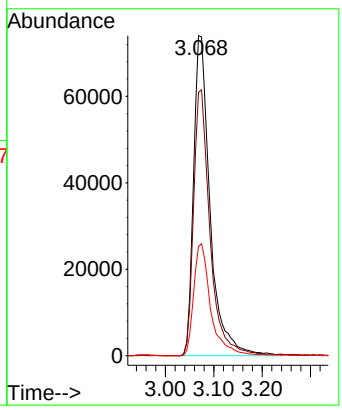


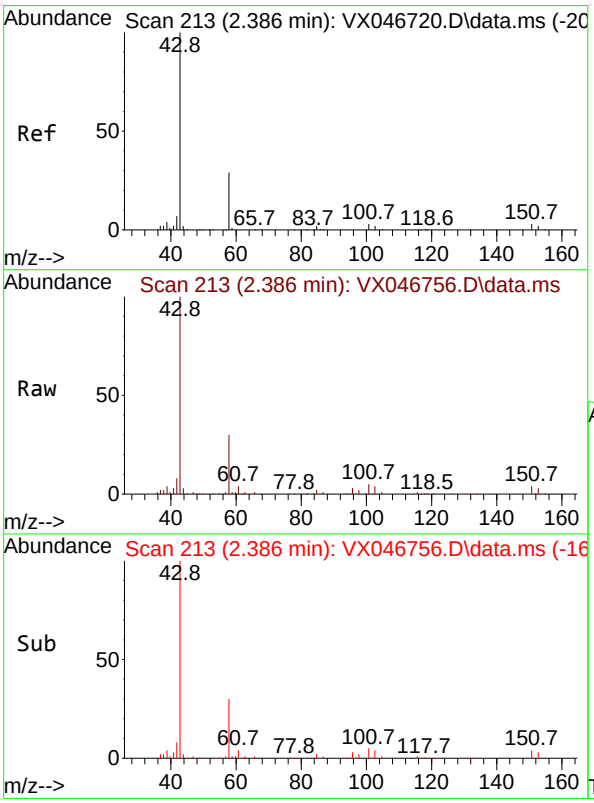
#15
Acrylonitrile
Concen: 214.185 ug/l
RT: 3.068 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 175968

Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.1	97.7
51	36.2	28.9	43.3

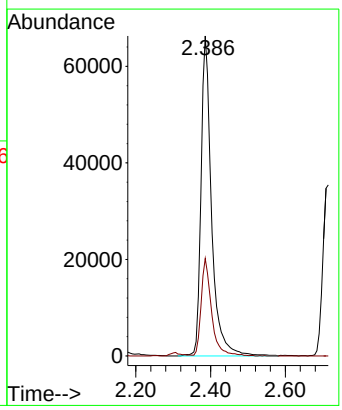


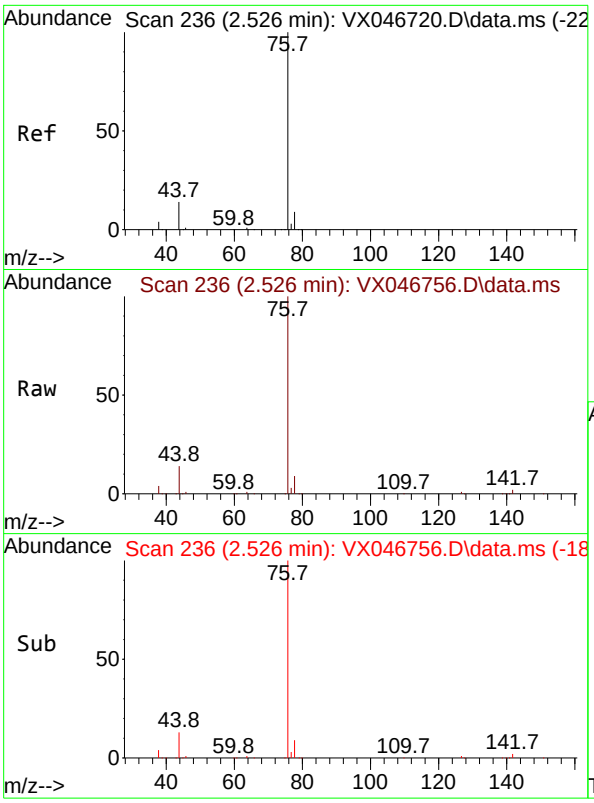


#16
Acetone
Concen: 191.058 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 43 Resp: 129697

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.5	36.7



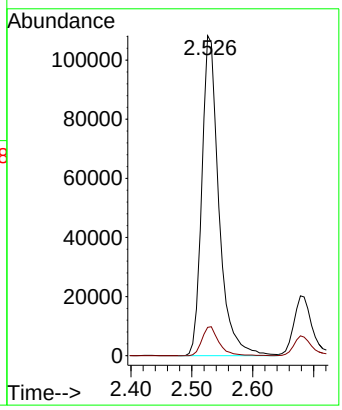


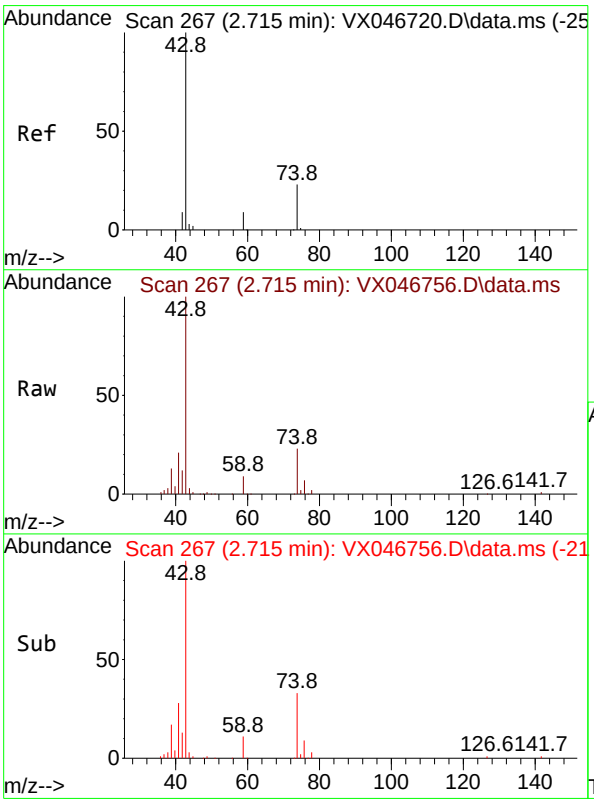
#17
Carbon Disulfide
Concen: 42.969 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 210930

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

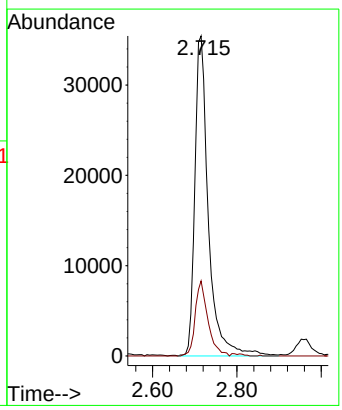


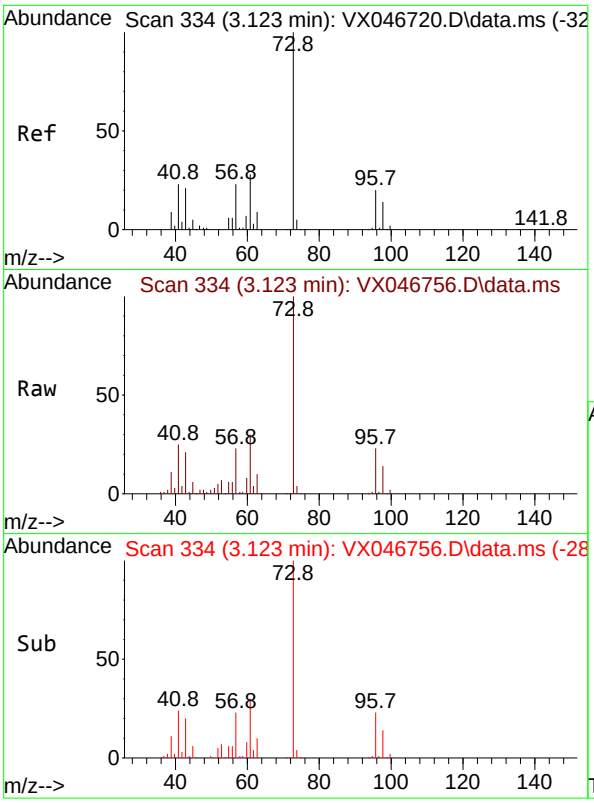


#18
Methyl Acetate
Concen: 45.999 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 43 Resp: 79308

Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.4	27.6



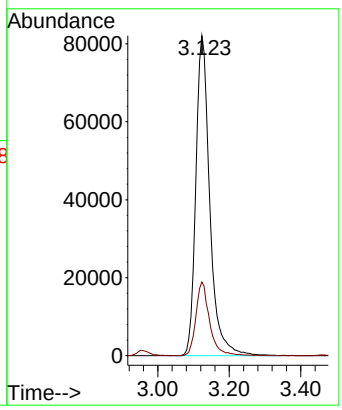


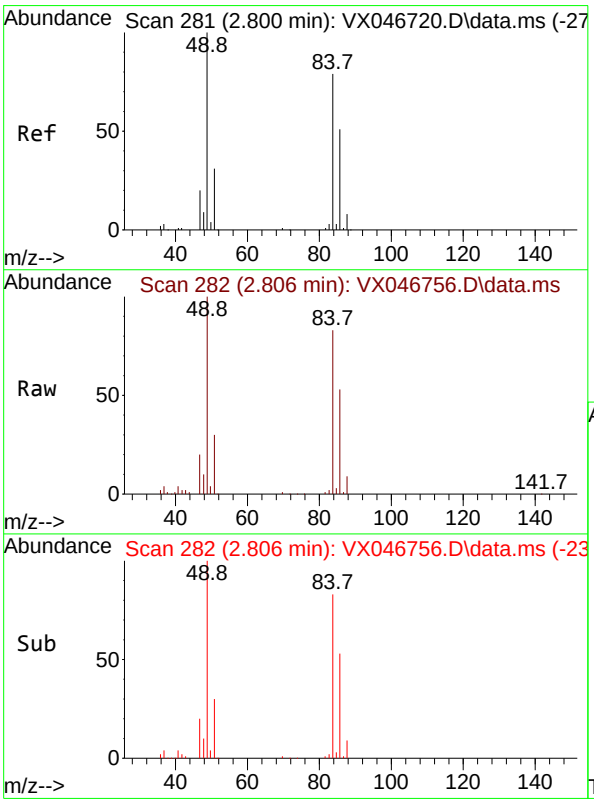
#19
Methyl tert-butyl Ether
Concen: 43.909 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 222251

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.2	27.2

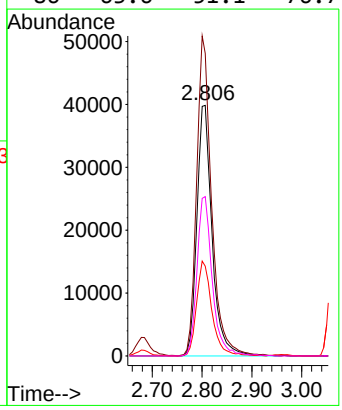


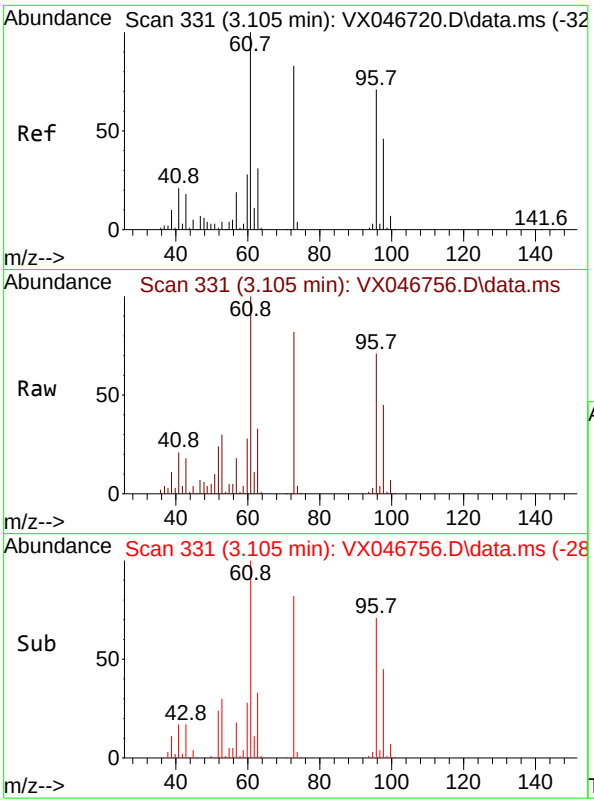


#20
Methylene Chloride
Concen: 44.683 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 84 Resp: 84354

Ion	Ratio	Lower	Upper
84	100		
49	120.7	101.3	151.9
51	35.8	31.0	46.6
86	63.6	51.1	76.7



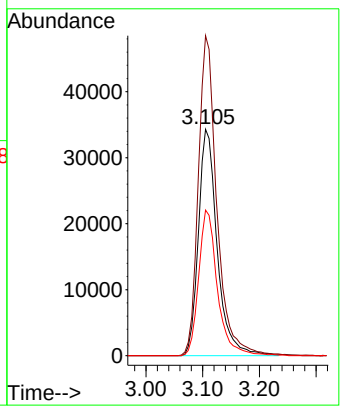


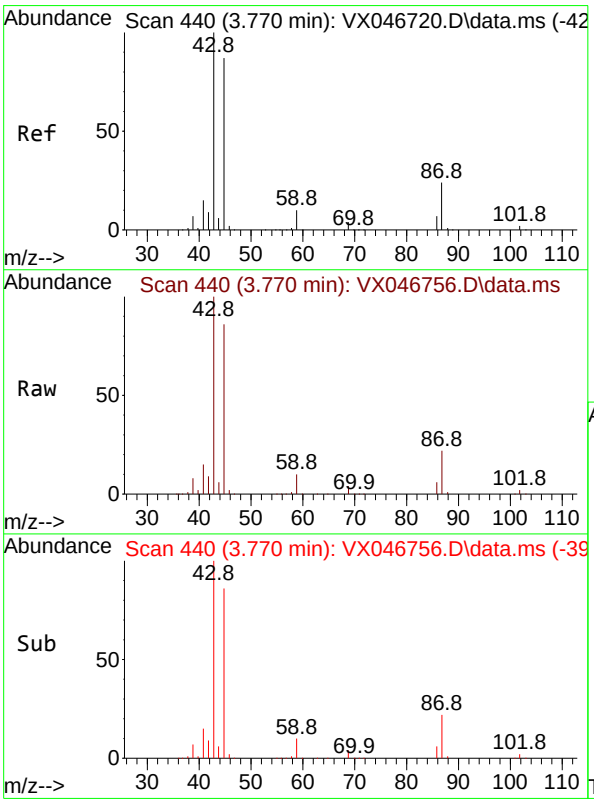
#21
trans-1,2-Dichloroethene
Concen: 45.569 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 79262

Ion	Ratio	Lower	Upper
96	100		
61	141.3	112.5	168.7
98	64.3	51.9	77.9

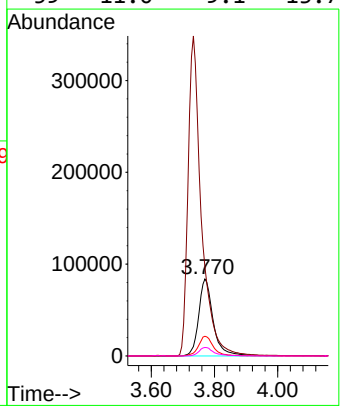


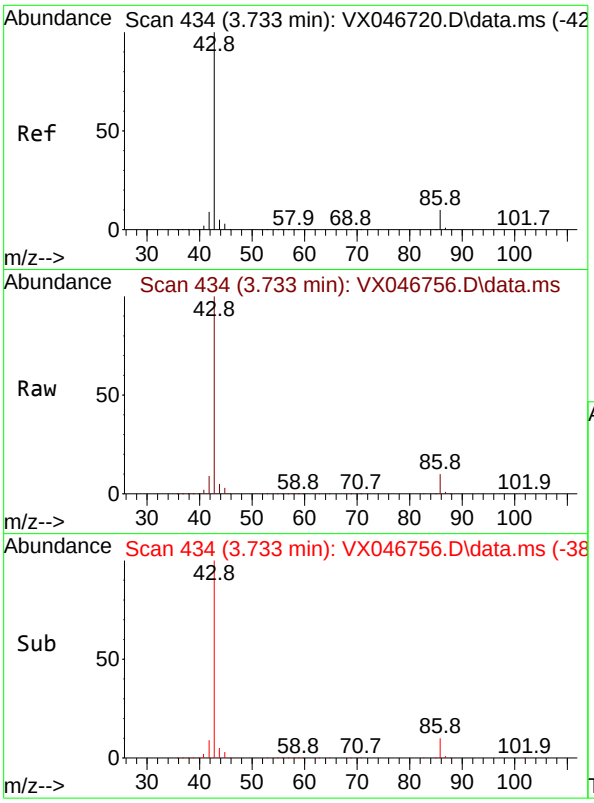


#22
Diisopropyl ether
Concen: 47.321 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 45 Resp: 267893

Ion	Ratio	Lower	Upper
45	100		
43	115.3	91.9	137.9
87	25.6	22.0	33.0
59	11.0	9.1	13.7



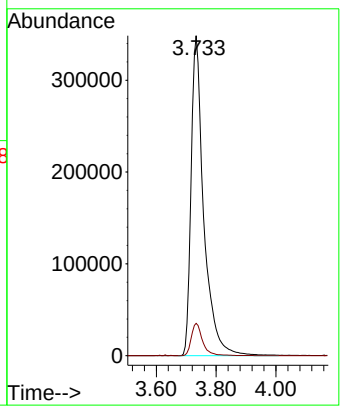


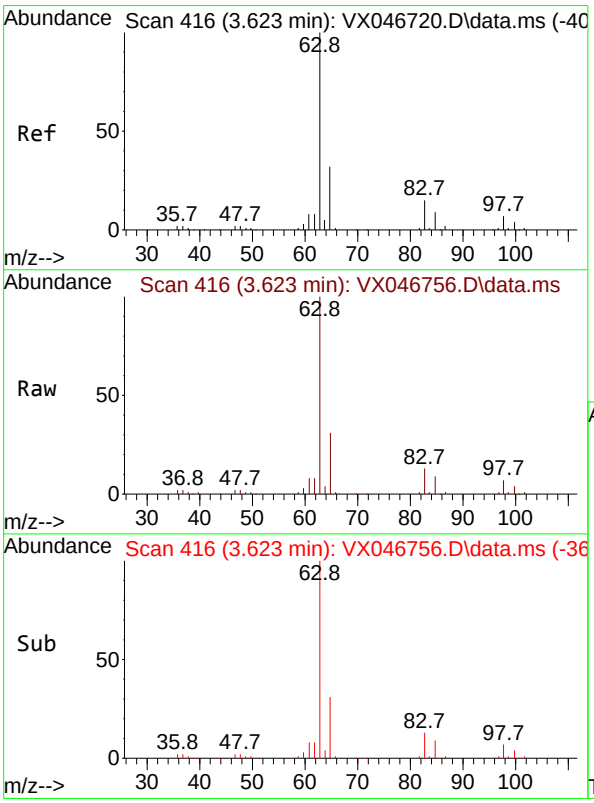
#23
Vinyl Acetate
Concen: 227.659 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1024877

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.2	12.2

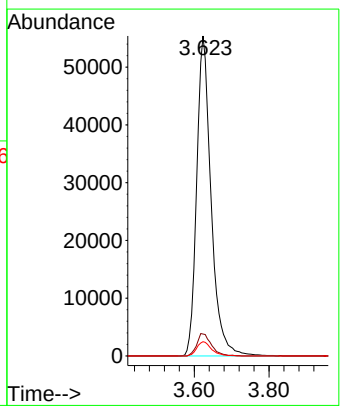


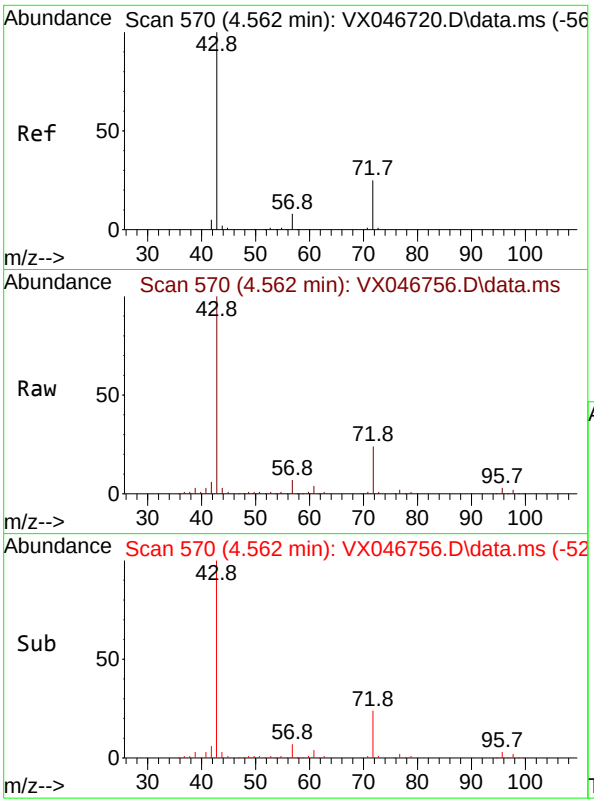


#24
1,1-Dichloroethane
Concen: 46.026 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 63 Resp: 147938

Ion	Ratio	Lower	Upper
63	100		
98	7.5	4.0	11.9
100	4.6	2.2	6.6



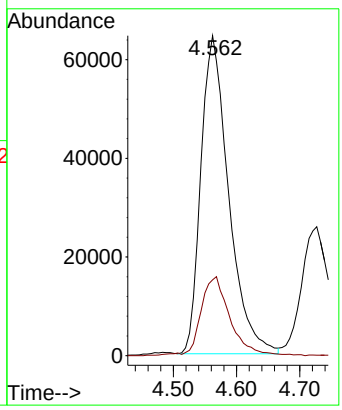


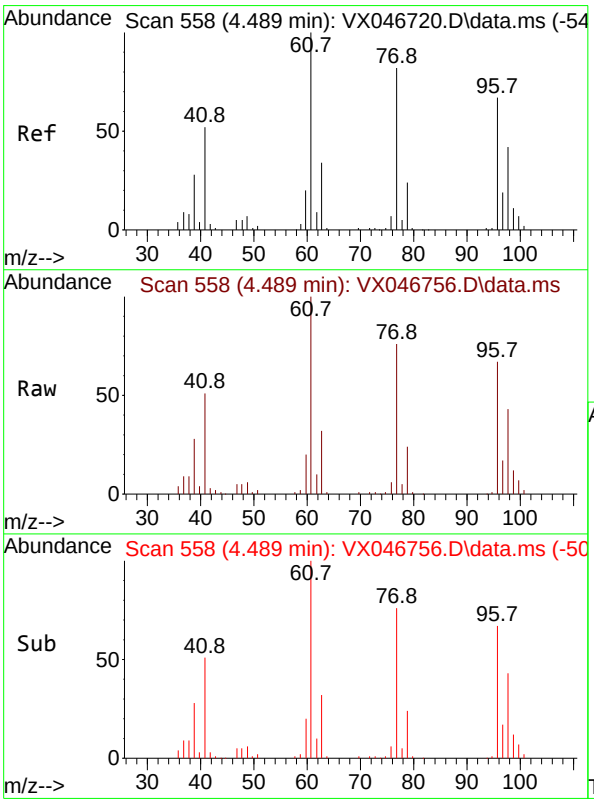
#25
2-Butanone
Concen: 205.290 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 197094

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.2	30.4

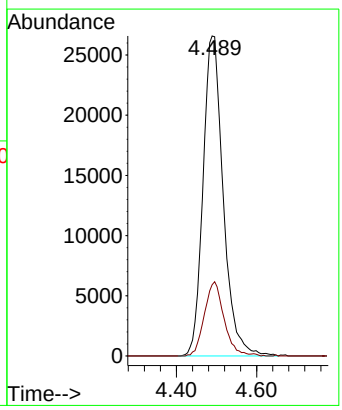


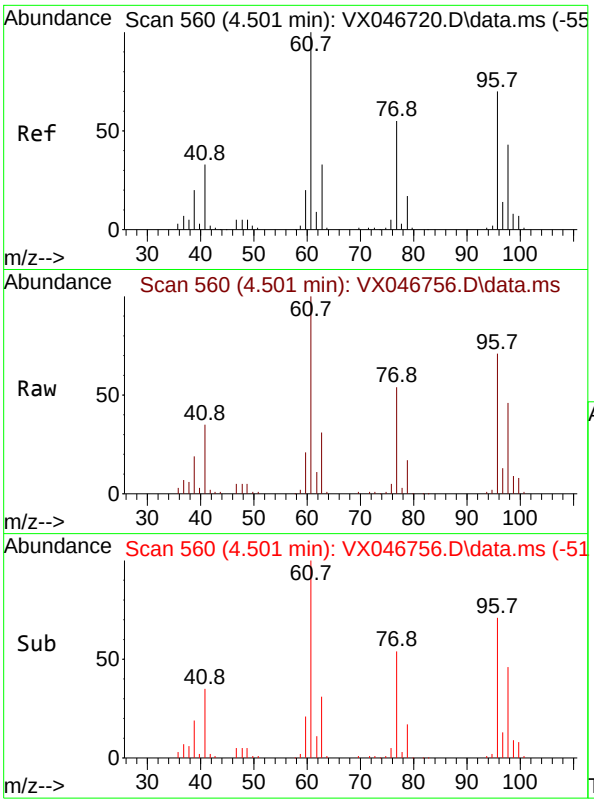


#26
2,2-Dichloropropane
Concen: 39.588 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 77 Resp: 92807

Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.8	35.3



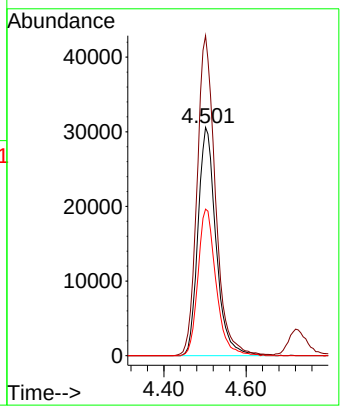


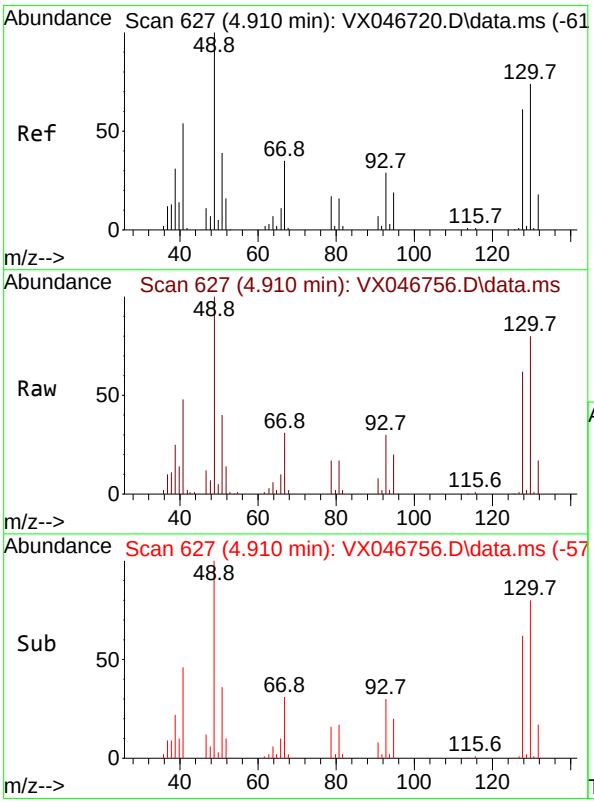
#27
cis-1,2-Dichloroethene
Concen: 45.529 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 93038

Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	291.0
98	64.4	0.0	126.8

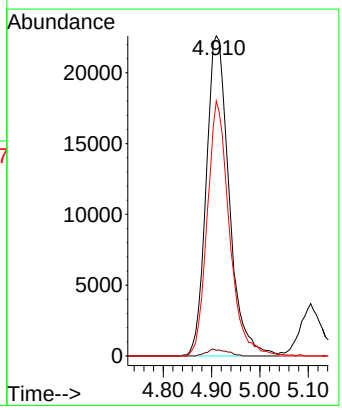


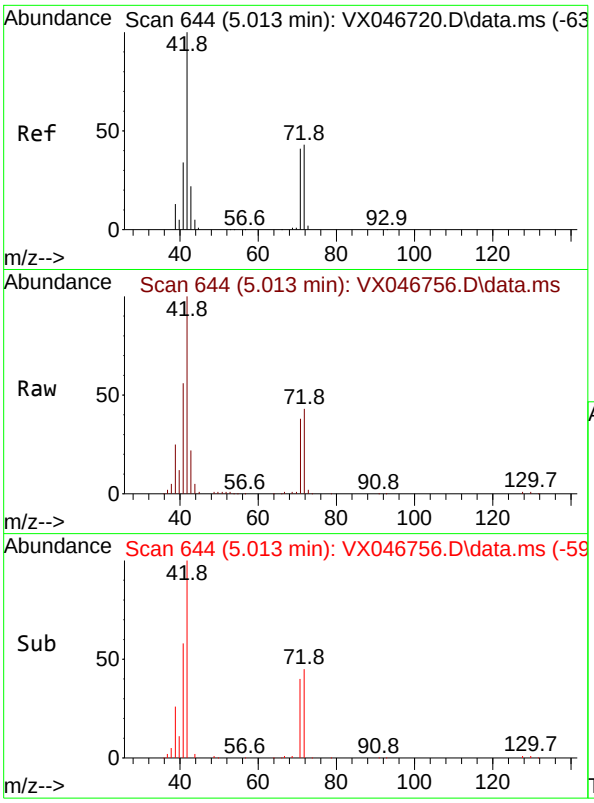


#28
Bromochloromethane
Concen: 51.048 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 49 Resp: 74387

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	76.8	61.4	92.0



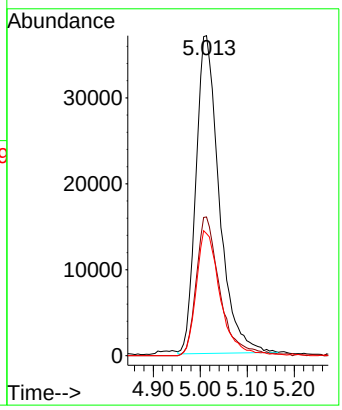


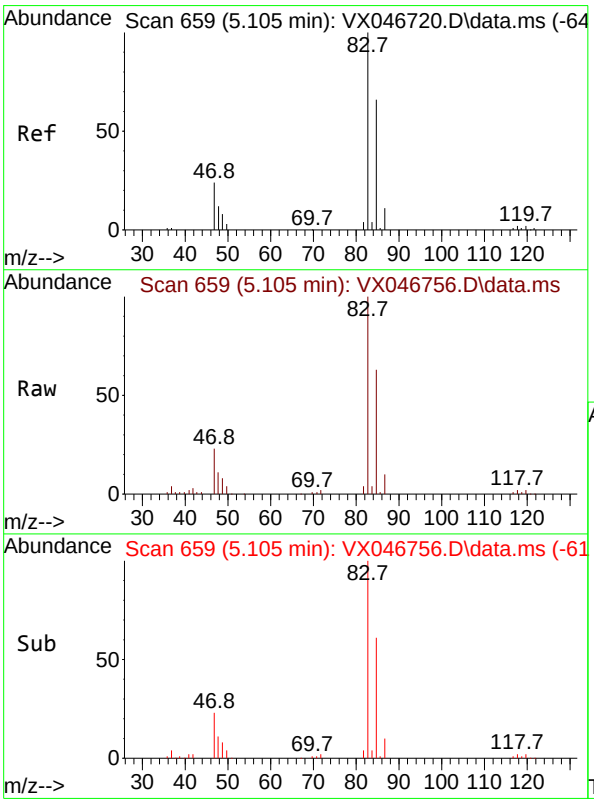
#29
Tetrahydrofuran
Concen: 205.472 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 127418

Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.9	52.3
71	40.3	32.2	48.2

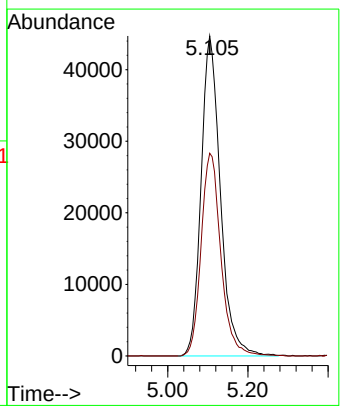


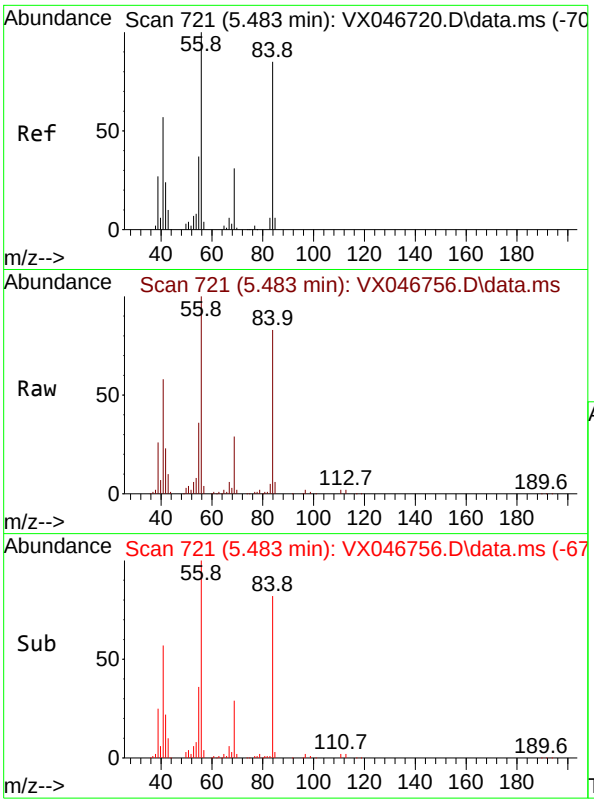


#30
Chloroform
Concen: 46.550 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 83 Resp: 149634

Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.7	80.5



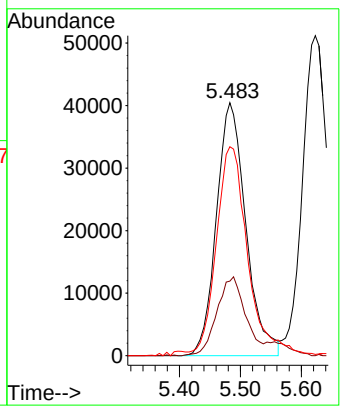


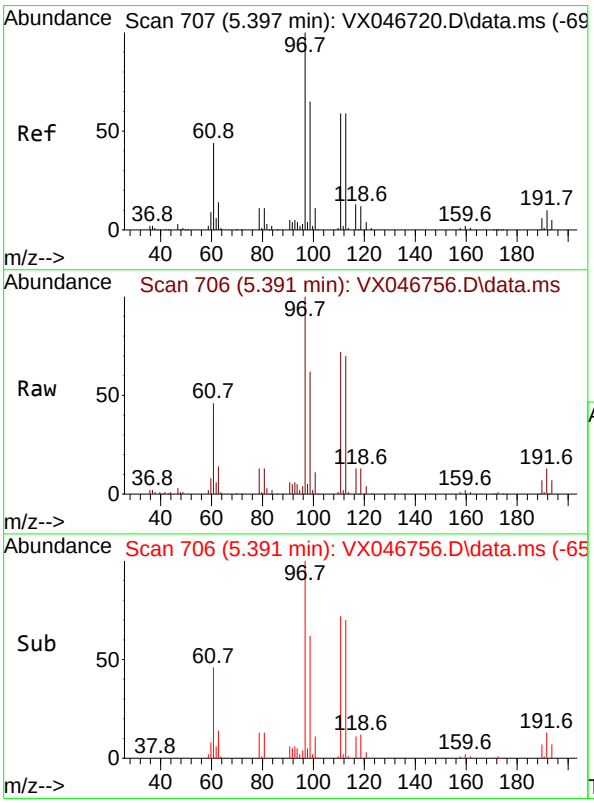
#31
Cyclohexane
Concen: 44.511 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 135676

Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.8	37.2
84	80.8	68.2	102.2

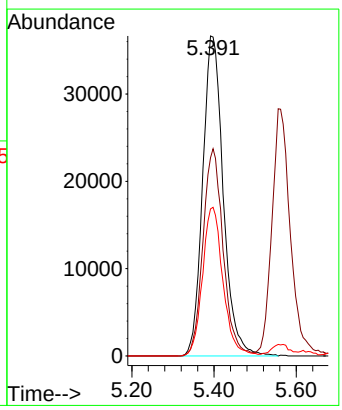


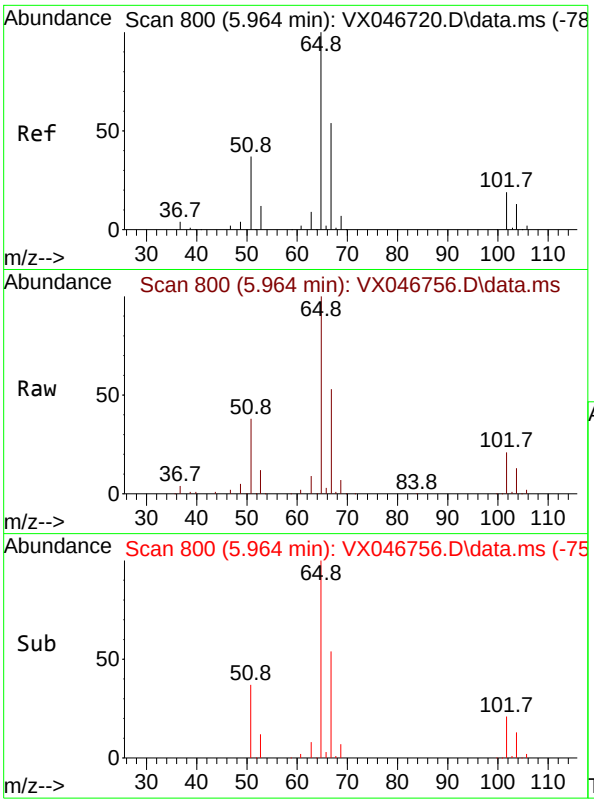


#32
1,1,1-Trichloroethane
Concen: 45.264 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 97 Resp: 127606

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	46.0	36.4	54.6



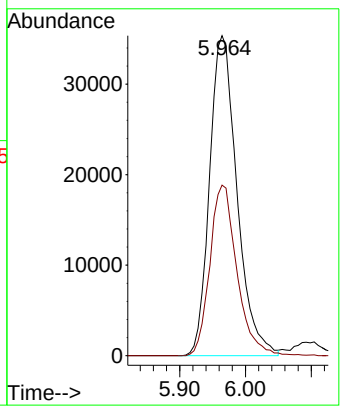


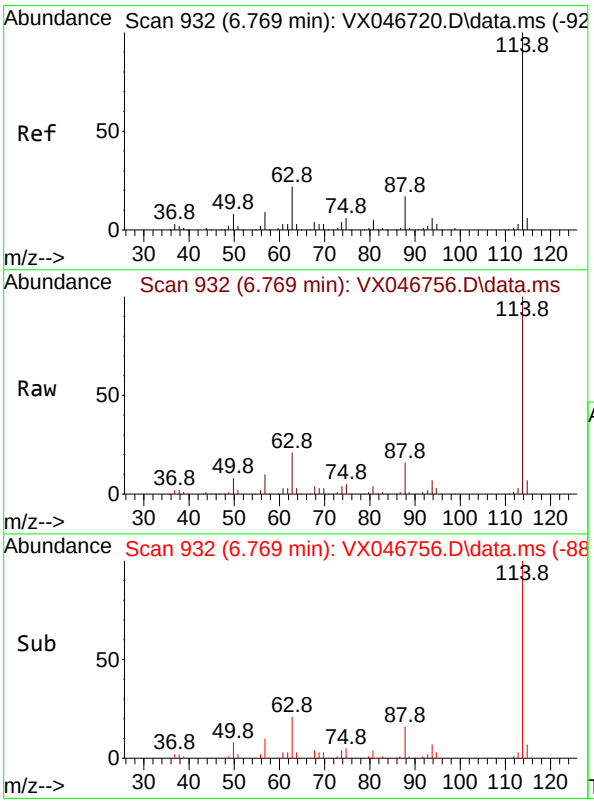
#33
1,2-Dichloroethane-d4
Concen: 50.393 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 102581

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.4

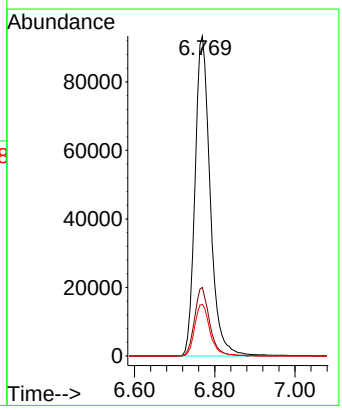


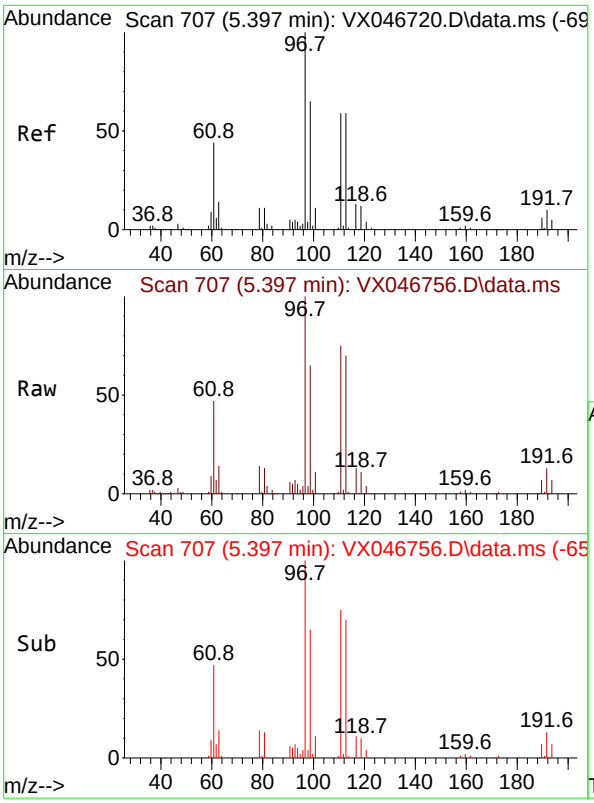


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:114 Resp: 245322

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.2
88	16.1	0.0	33.2



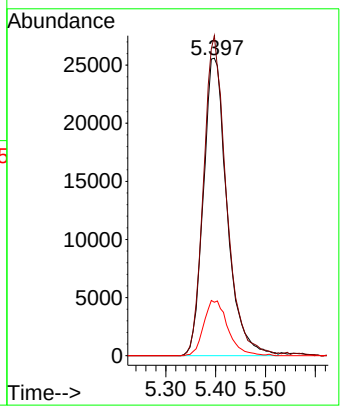


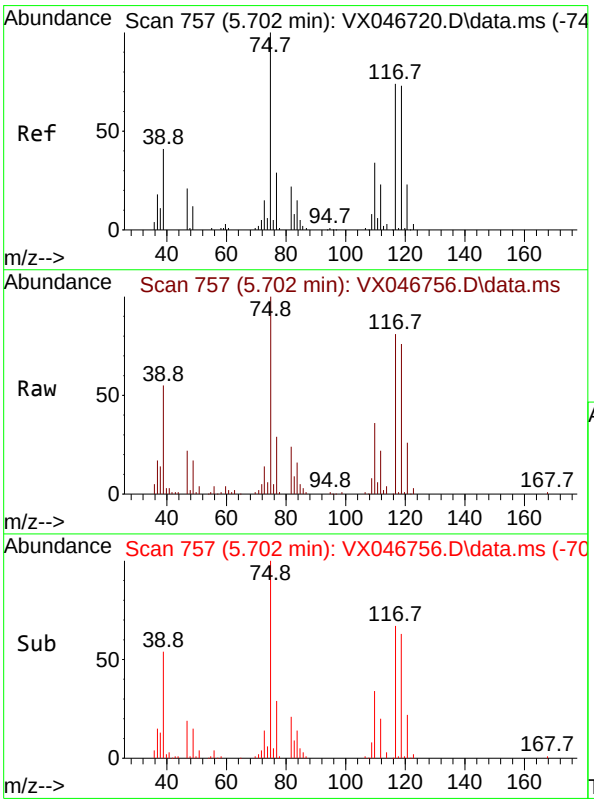
#35
Dibromofluoromethane
Concen: 52.036 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 84461

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.0	123.0
192	19.0	15.3	22.9

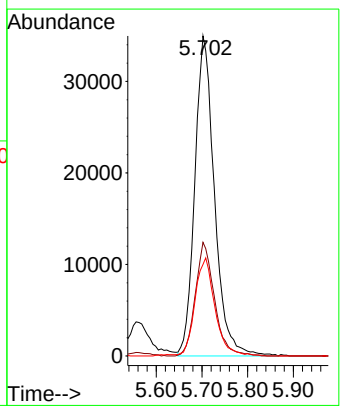


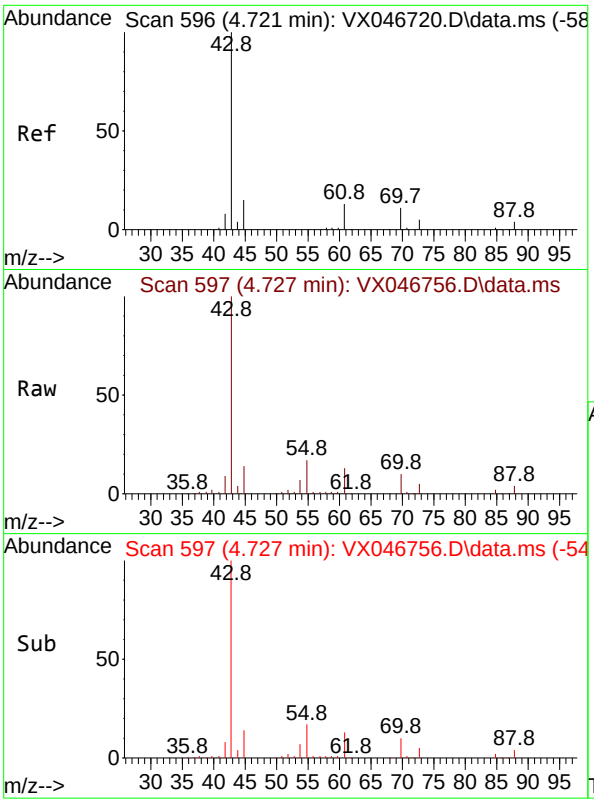


#36
1,1-Dichloropropene
Concen: 44.657 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 75 Resp: 104633

Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.2	51.5
77	31.1	24.2	36.4



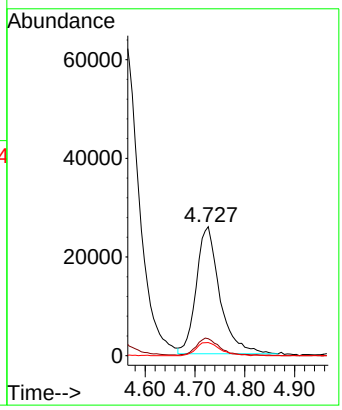


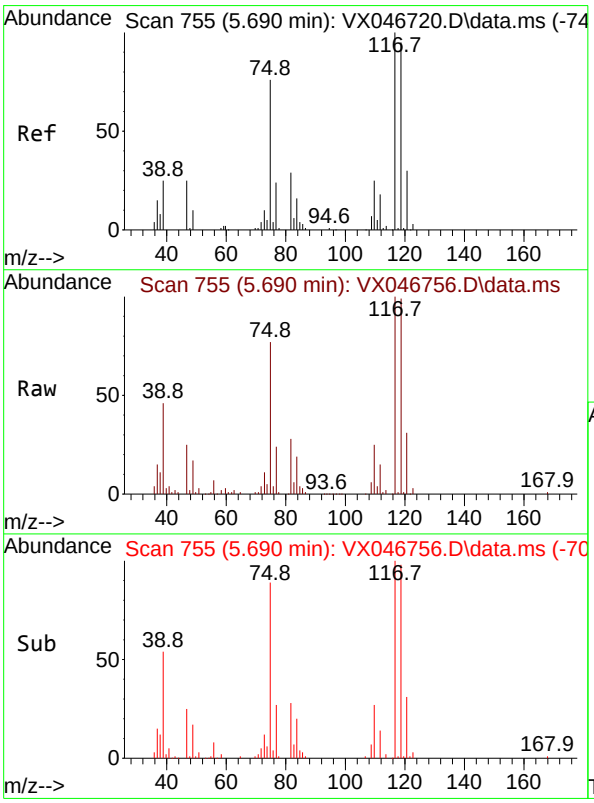
#37
Ethyl Acetate
Concen: 39.004 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 84355

Ion	Ratio	Lower	Upper
43	100		
61	14.3	9.7	14.5
70	10.6	8.1	12.1

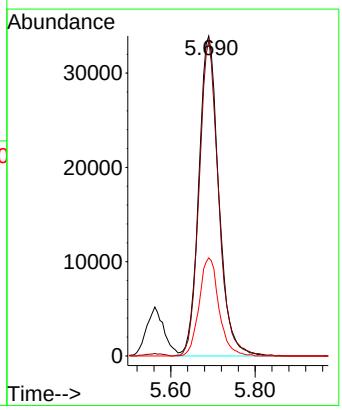


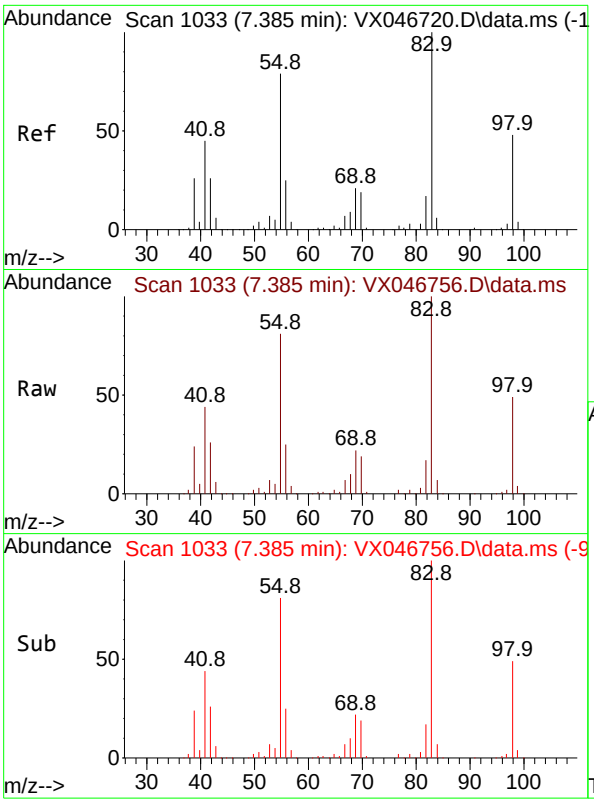


#38
Carbon Tetrachloride
Concen: 43.921 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:117 Resp: 111681

Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.2	112.8
121	30.6	24.1	36.1



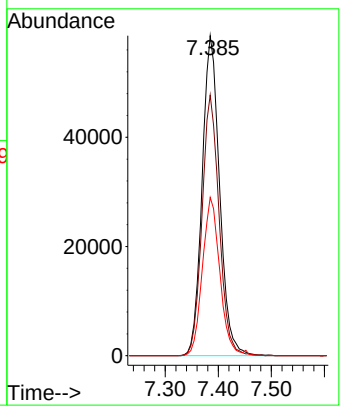


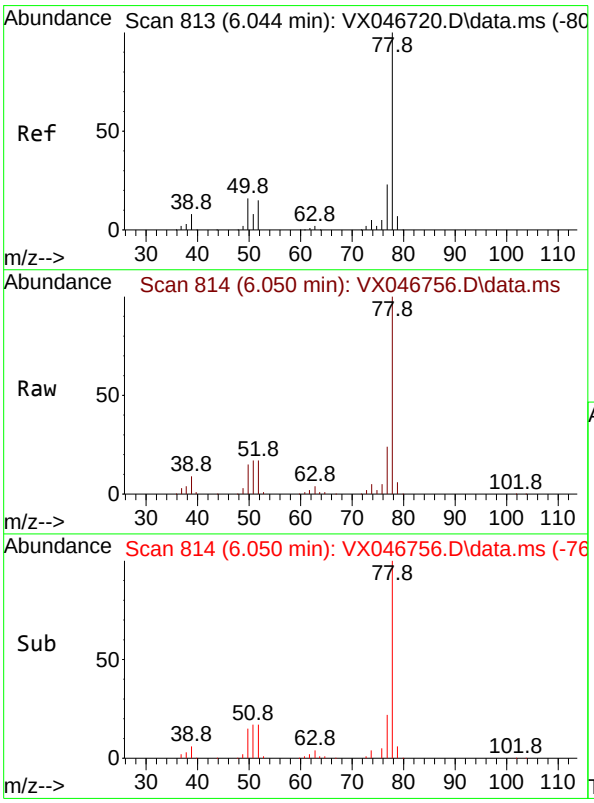
#39
Methylcyclohexane
Concen: 43.470 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 134029

Ion	Ratio	Lower	Upper
83	100		
55	81.5	63.0	94.4
98	49.5	38.8	58.2

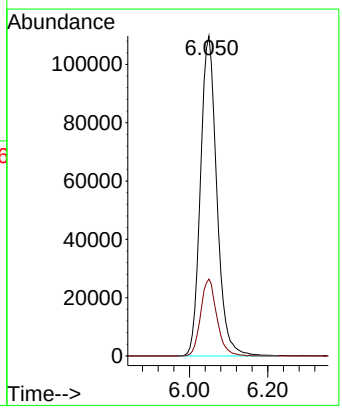


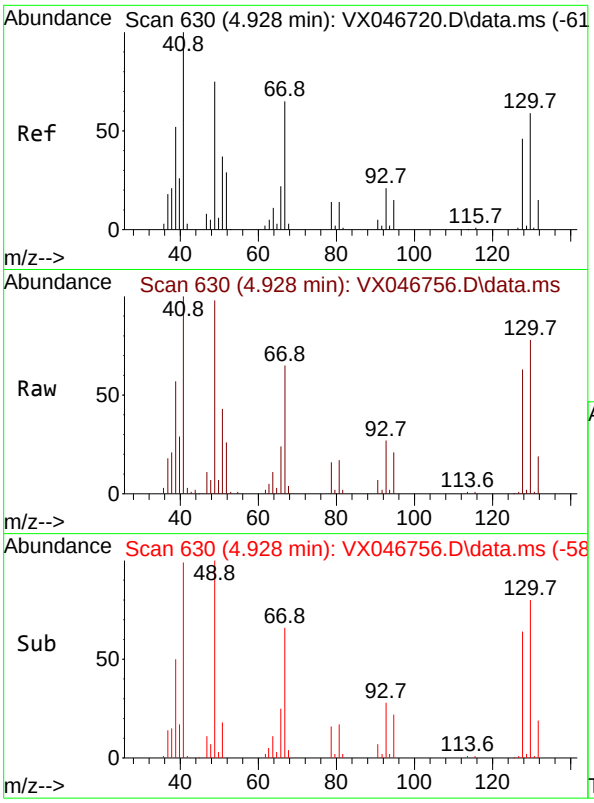


#40
Benzene
Concen: 45.803 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 78 Resp: 317609

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2



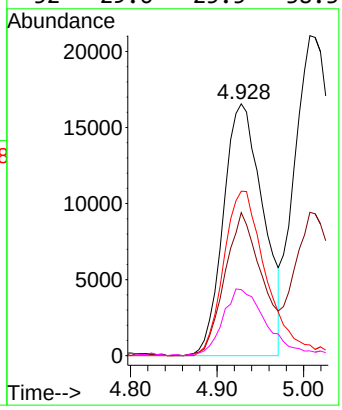


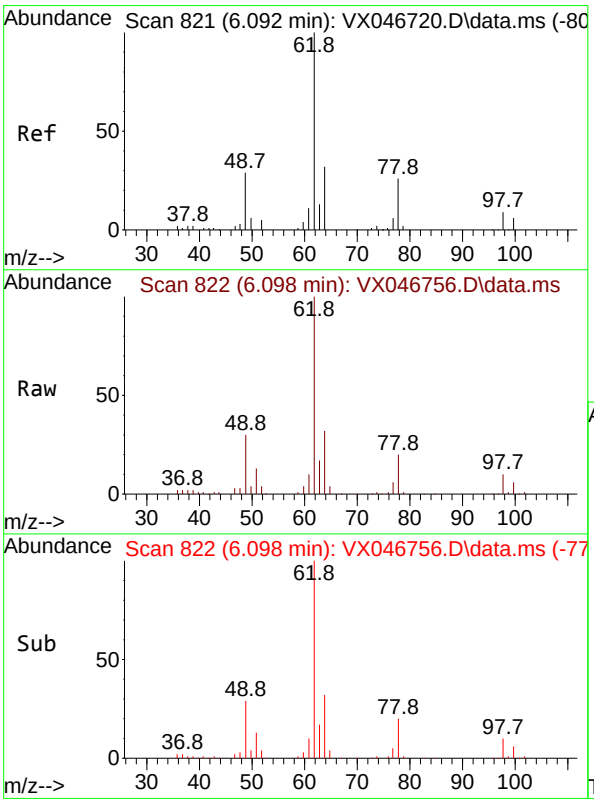
#41
Methacrylonitrile
Concen: 45.912 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 52937

Ion	Ratio	Lower	Upper
41	100		
39	52.8	45.9	68.9
67	70.6	61.2	91.8
52	29.6	25.5	38.3

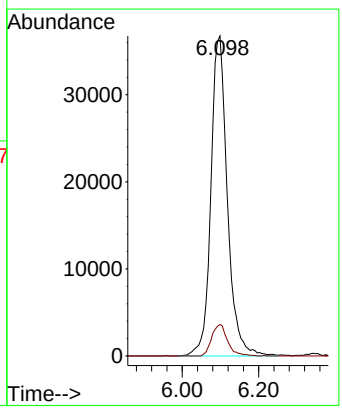


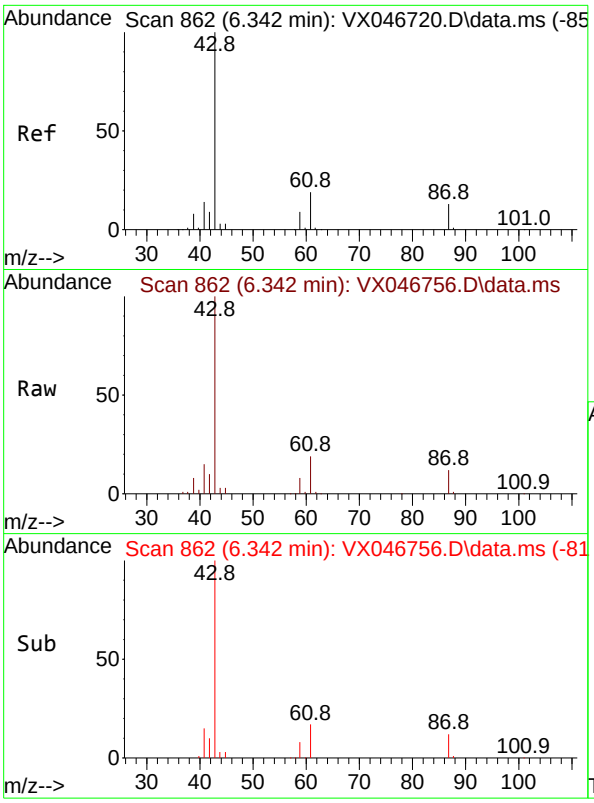


#42
1,2-Dichloroethane
Concen: 45.085 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 62 Resp: 109861

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8



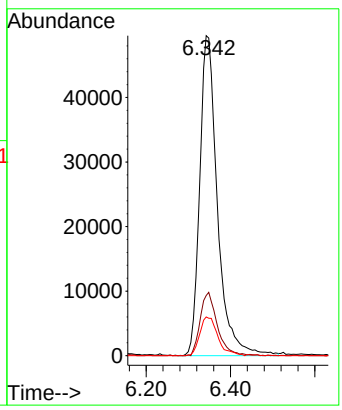


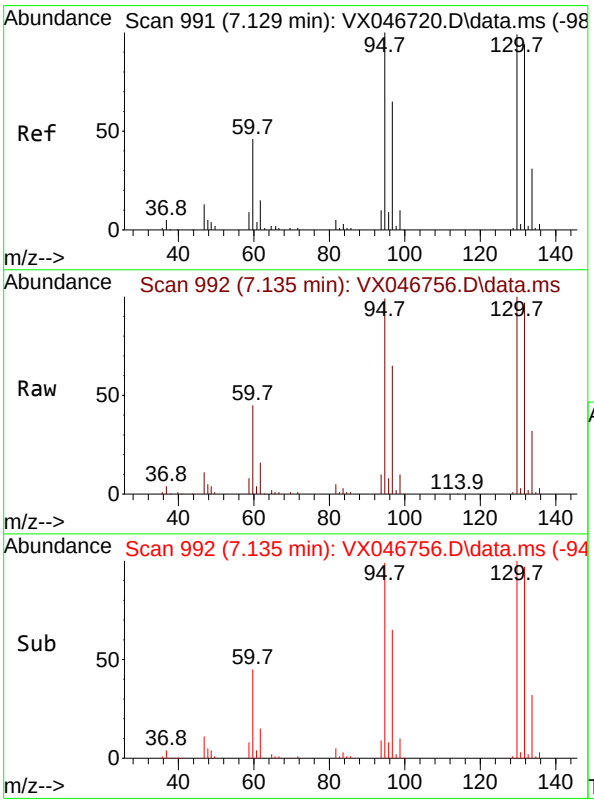
#43
Isopropyl Acetate
Concen: 42.913 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 145231

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.3	22.9
87	12.3	10.0	15.0

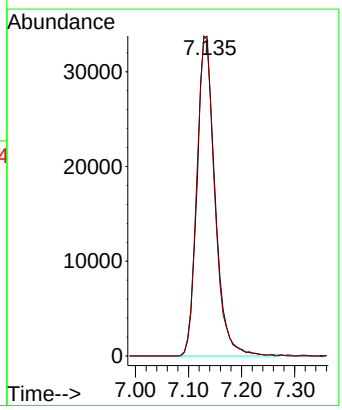


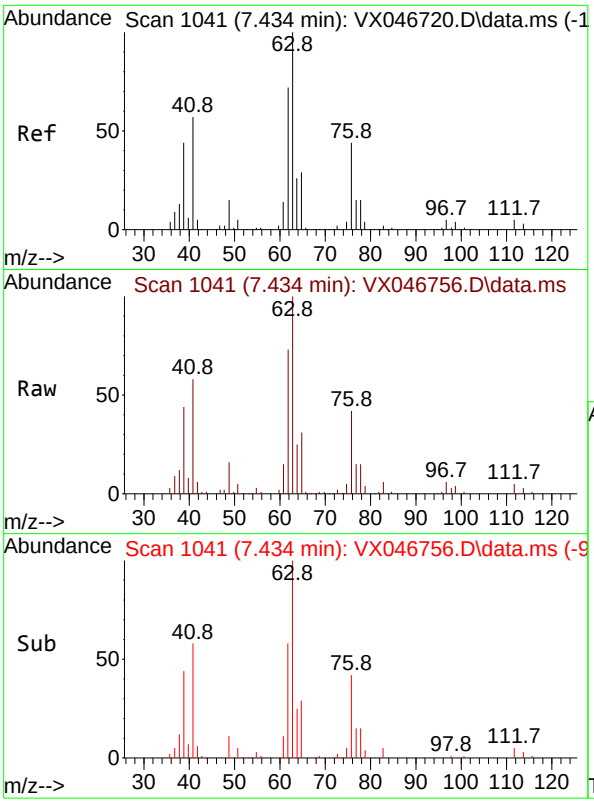


#44
Trichloroethene
Concen: 45.127 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:130 Resp: 79747

Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	202.6



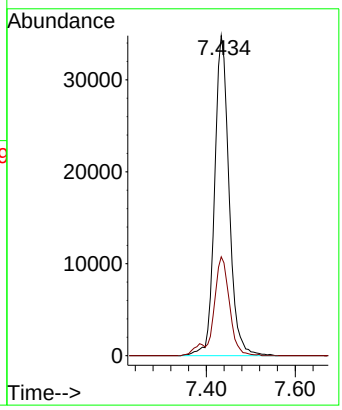


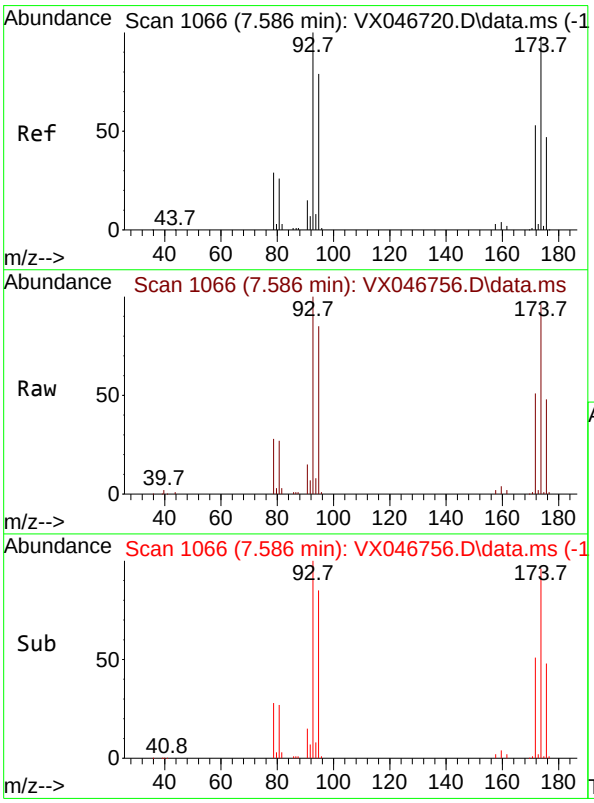
#45
1,2-Dichloropropane
Concen: 45.784 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 78681

Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.9	34.3

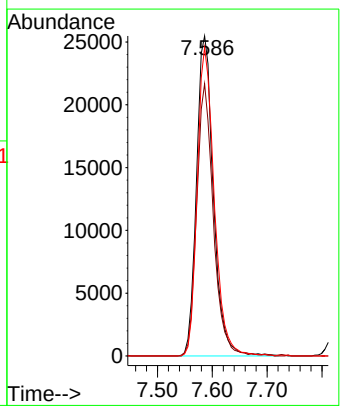


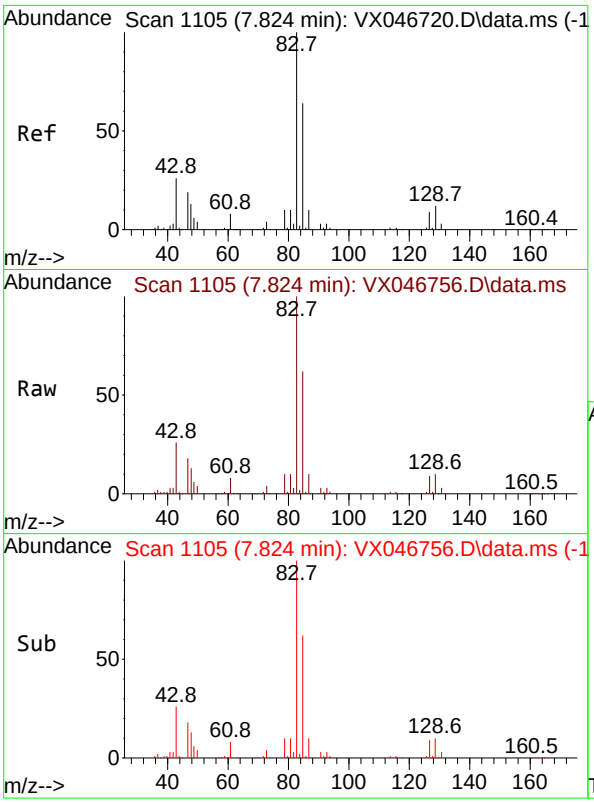


#46
Dibromomethane
Concen: 44.330 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 93 Resp: 54751

Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.2	99.4
174	96.7	77.0	115.6



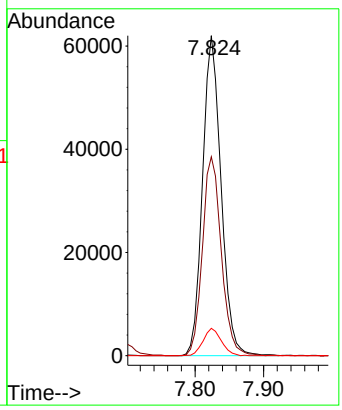


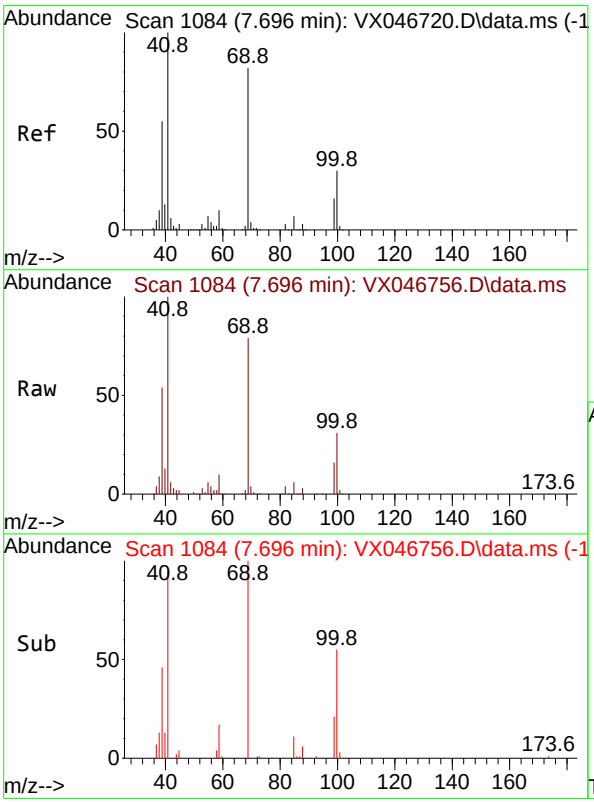
#47
Bromodichloromethane
Concen: 46.281 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 116648

Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.4	77.2
127	8.6	6.9	10.3

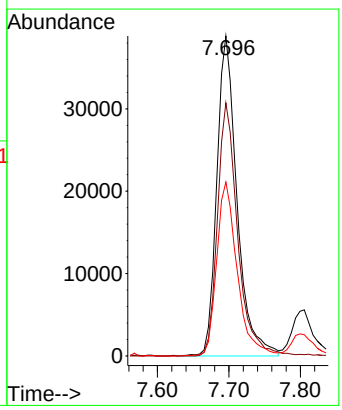


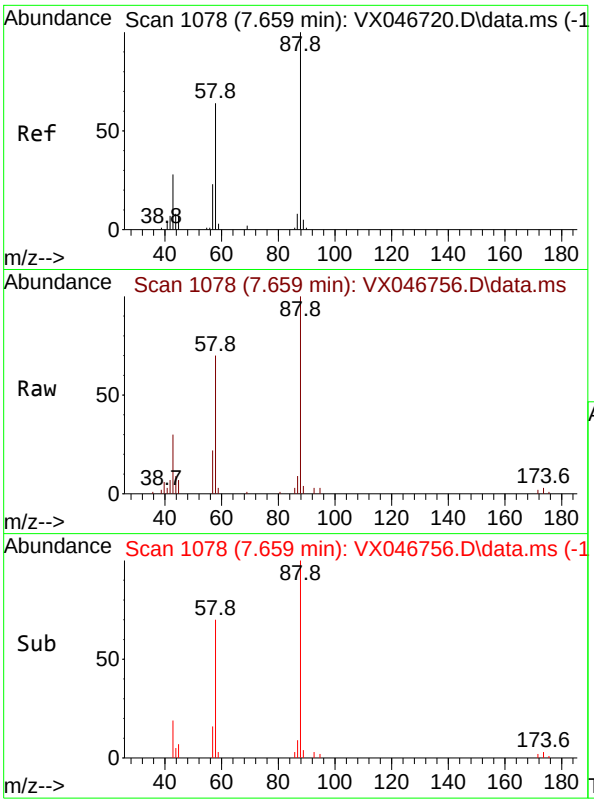


#48
Methyl methacrylate
Concen: 45.018 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 41 Resp: 76410

Ion	Ratio	Lower	Upper
41	100		
69	79.5	63.4	95.2
39	55.2	45.4	68.0



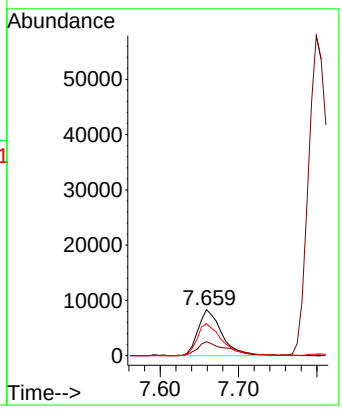


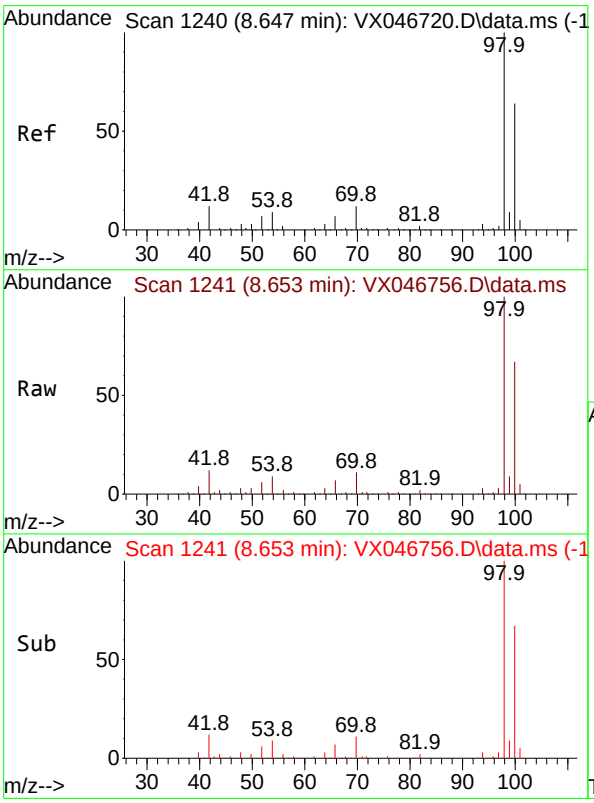
#49
1,4-Dioxane
Concen: 709.769 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 17317

Ion	Ratio	Lower	Upper
88	100		
43	40.3	31.2	46.8
58	74.5	54.7	82.1

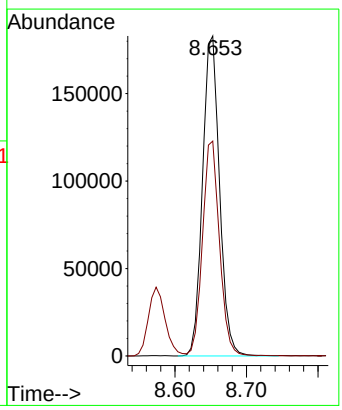


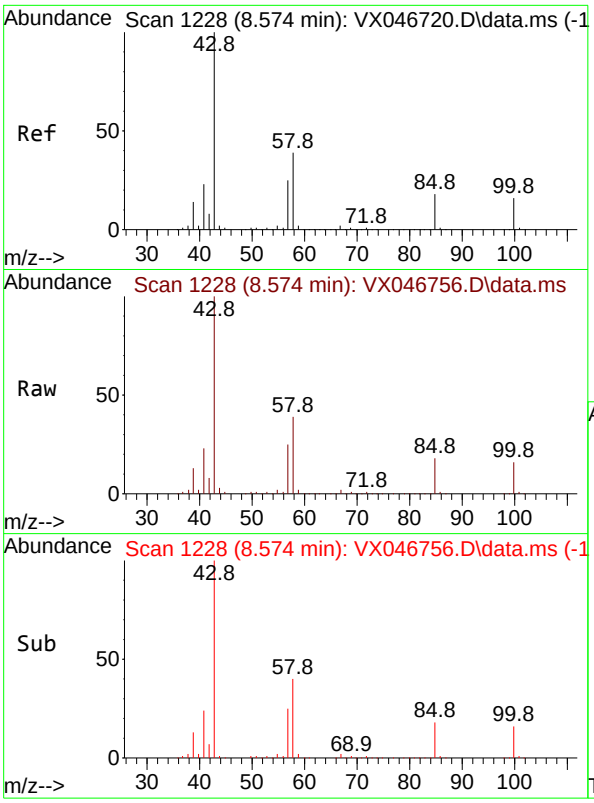


#50
Toluene-d8
Concen: 51.878 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 98 Resp: 302526

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



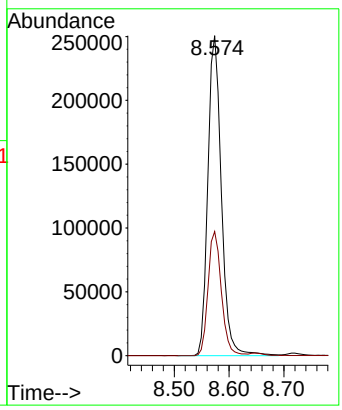


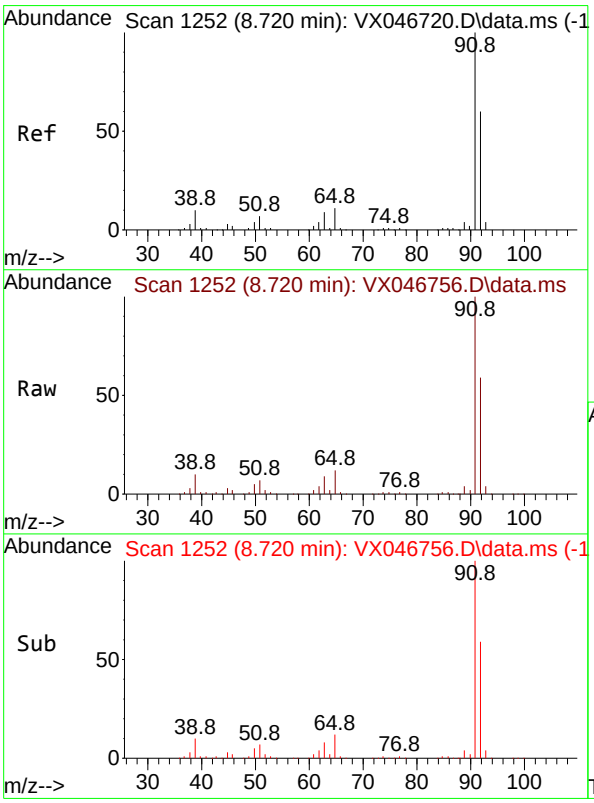
#51
4-Methyl-2-Pentanone
Concen: 211.334 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 426571

Ion	Ratio	Lower	Upper
43	100		
58	38.4	30.8	46.2

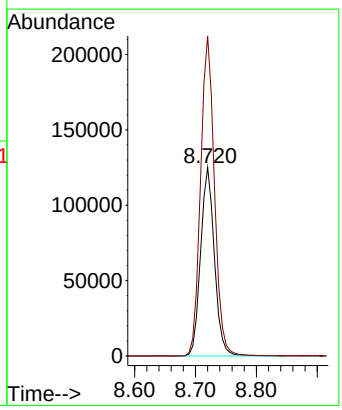


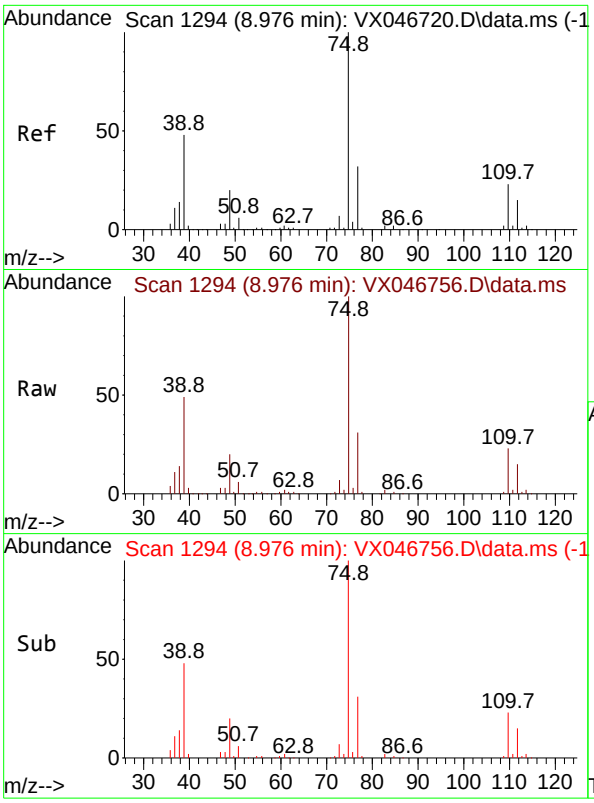


#52
Toluene
Concen: 45.706 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 92 Resp: 196480

Ion	Ratio	Lower	Upper
92	100		
91	171.2	134.8	202.2



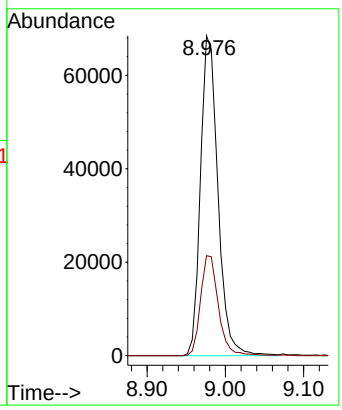


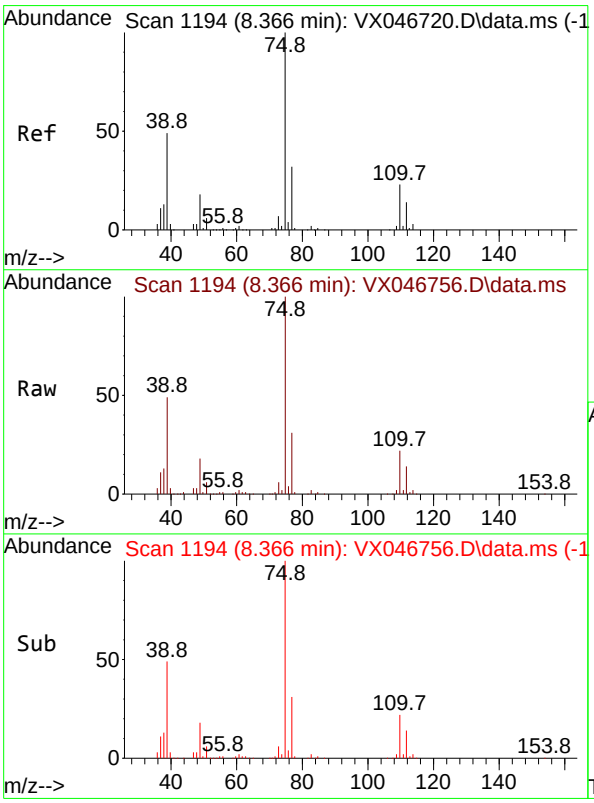
#53
t-1,3-Dichloropropene
Concen: 45.294 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 105920

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.6	38.4

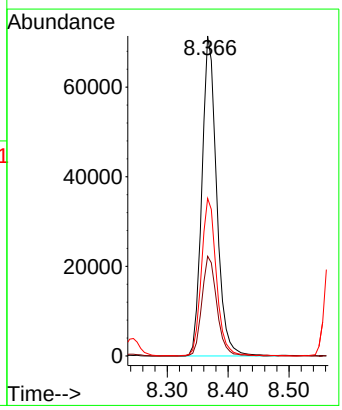


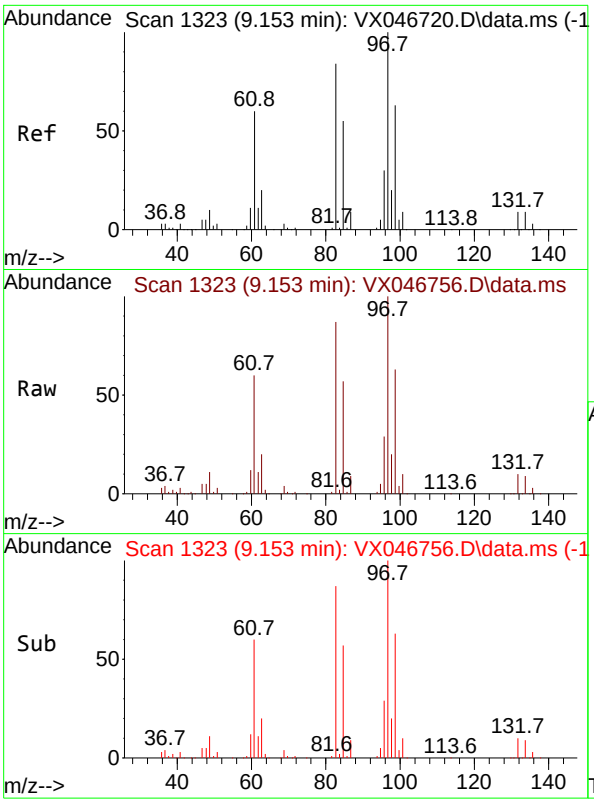


#54
cis-1,3-Dichloropropene
Concen: 45.205 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 75 Resp: 120007

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.3	37.9
39	49.2	39.2	58.8



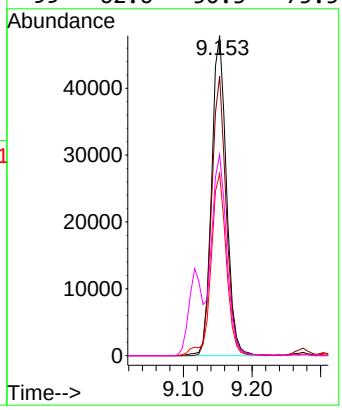


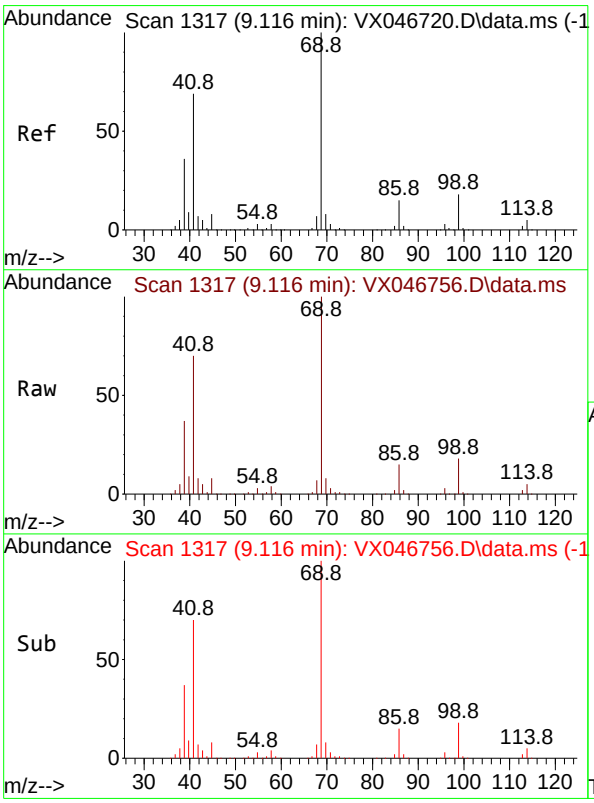
#55
1,1,2-Trichloroethane
Concen: 44.953 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 72014

Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.2	100.8
85	56.9	44.1	66.1
99	62.6	50.3	75.5

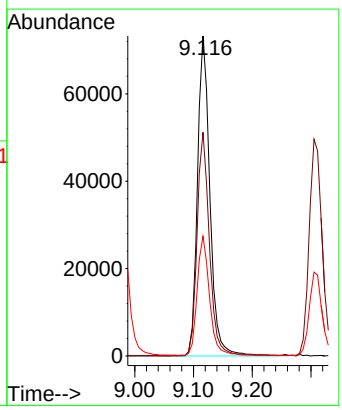


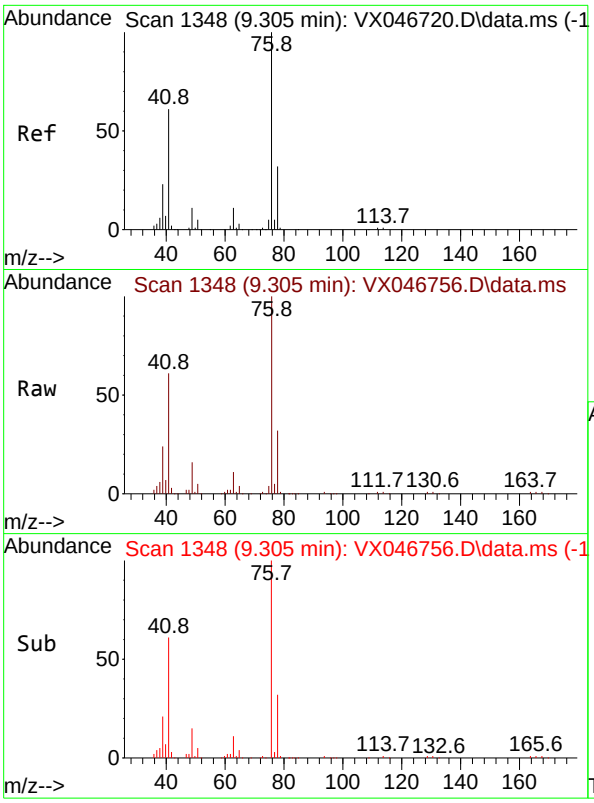


#56
Ethyl methacrylate
Concen: 45.449 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 69 Resp: 107478

Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	36.8	29.7	44.5



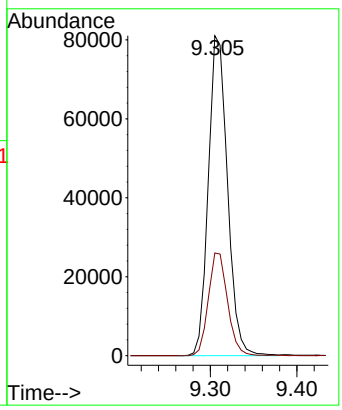


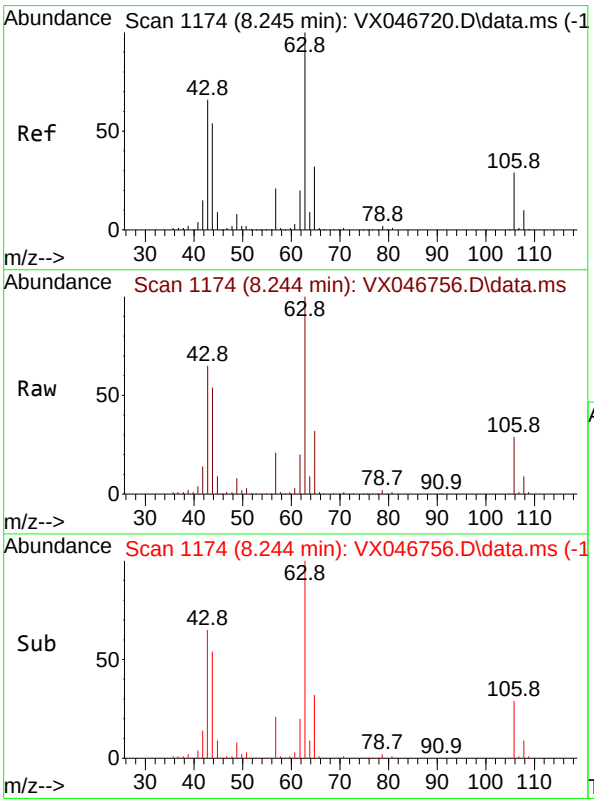
#57
1,3-Dichloropropane
Concen: 45.123 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 124482

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.7	38.5

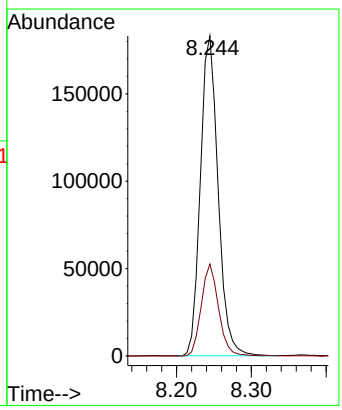


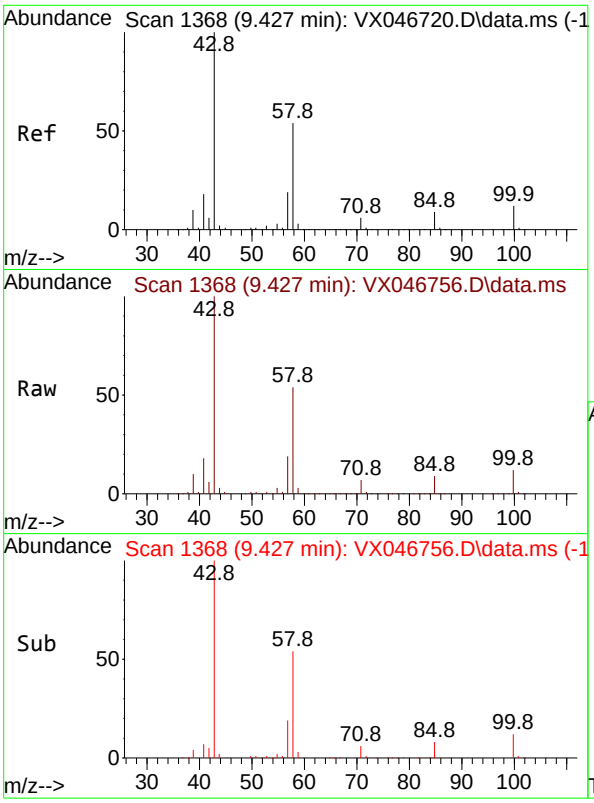


#58
2-Chloroethyl Vinyl ether
Concen: 245.221 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 63 Resp: 301235

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.6	34.0



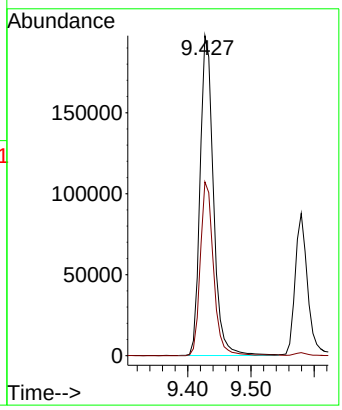


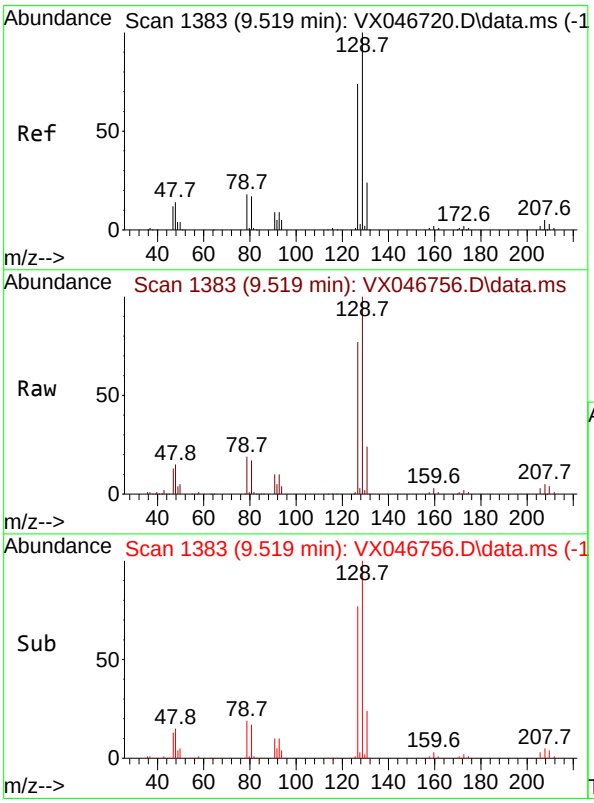
#59
2-Hexanone
Concen: 208.701 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 291231

Ion	Ratio	Lower	Upper
43	100		
58	53.8	26.8	80.4

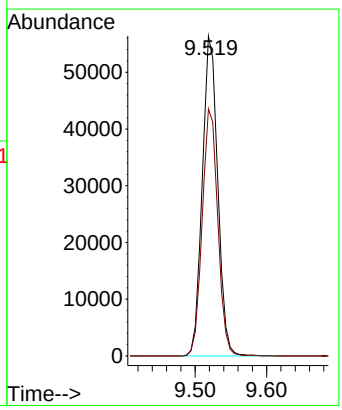


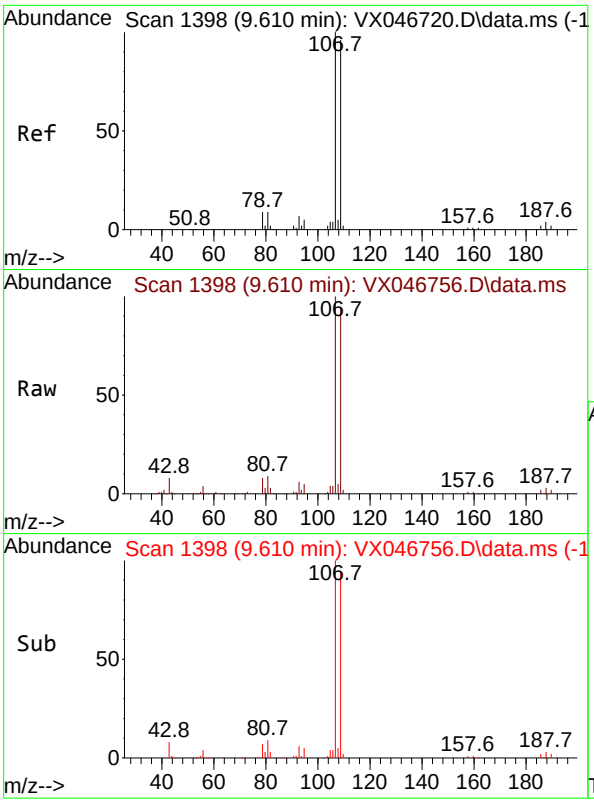


#60
Dibromochloromethane
Concen: 44.810 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:129 Resp: 84597

Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.4	115.2



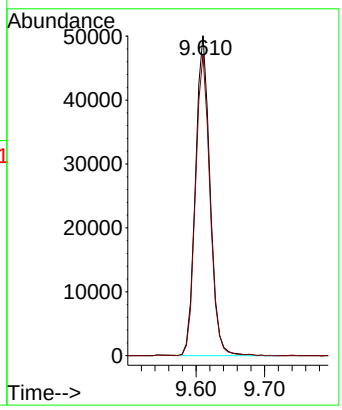


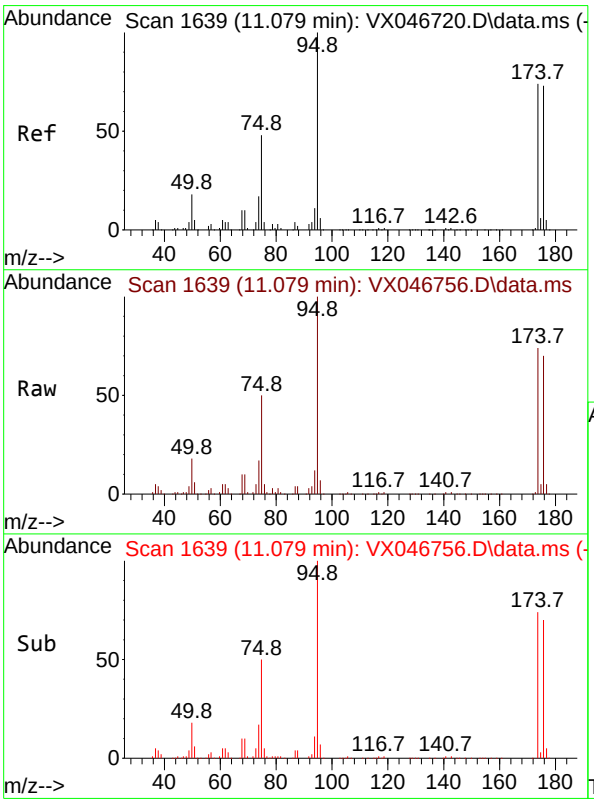
#61
1,2-Dibromoethane
Concen: 45.493 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 74132

Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.8	113.6

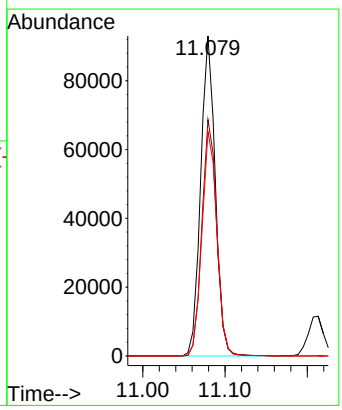


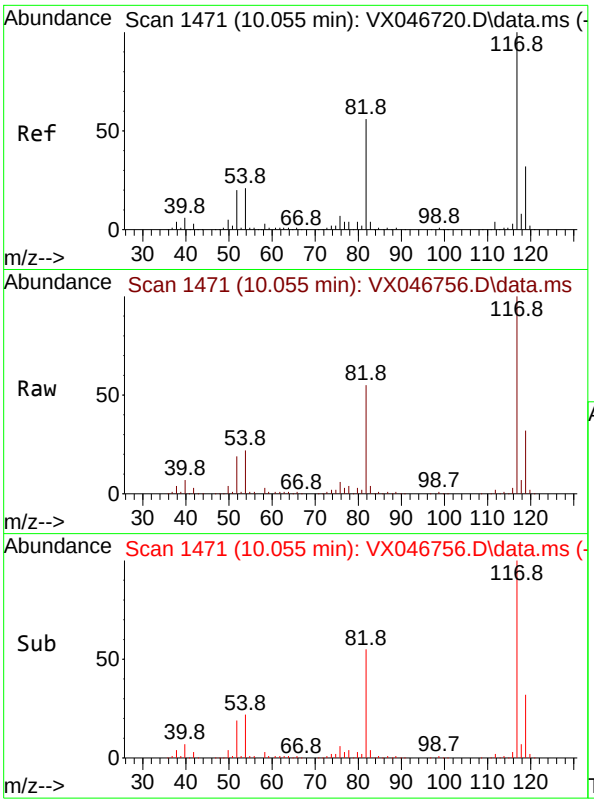


#62
4-Bromofluorobenzene
Concen: 52.773 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 95 Resp: 114717

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	150.4
176	72.3	0.0	145.0



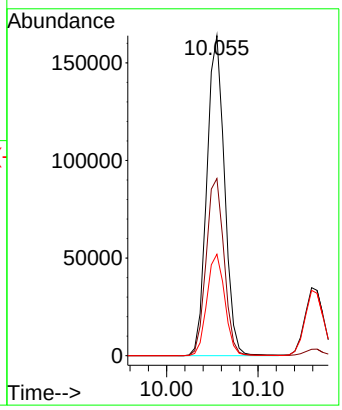


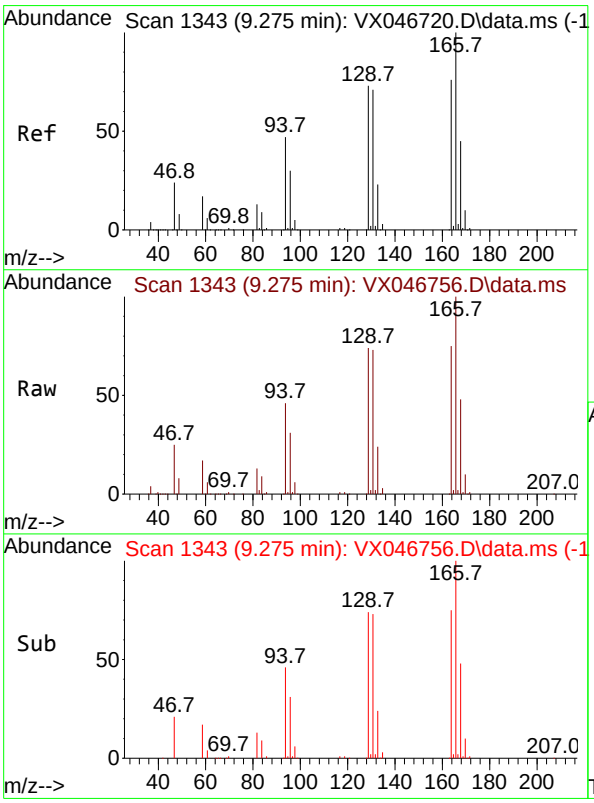
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 219512

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.6	66.8
119	31.7	25.8	38.8

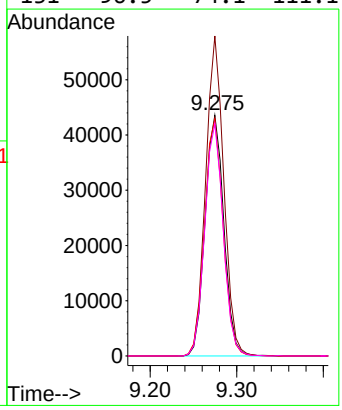


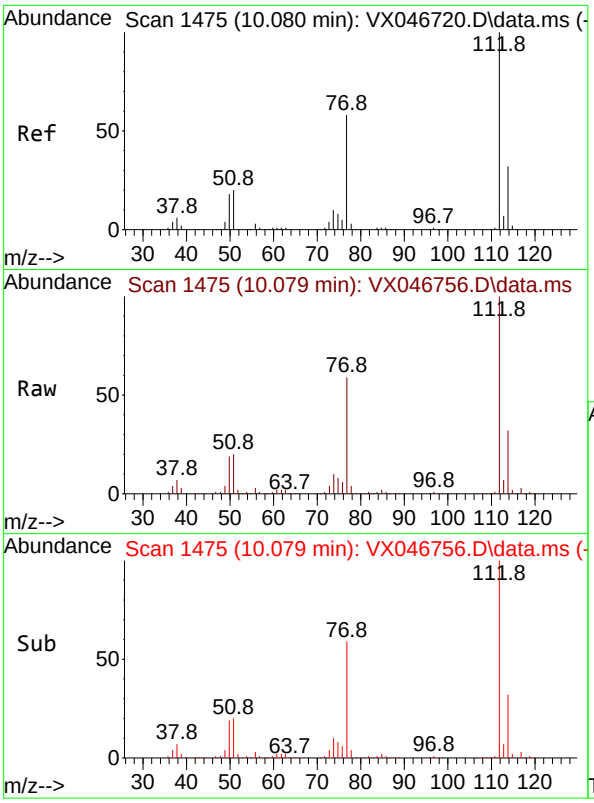


#64
Tetrachloroethene
Concen: 43.220 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:164 Resp: 65730

Ion	Ratio	Lower	Upper
164	100		
166	132.9	104.6	157.0
129	98.5	76.3	114.5
131	96.5	74.1	111.1



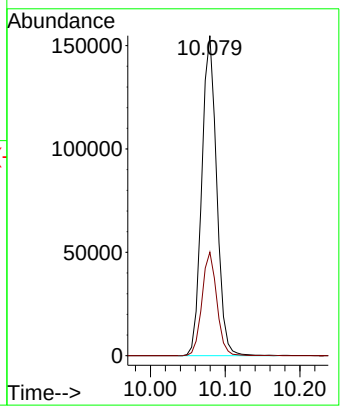


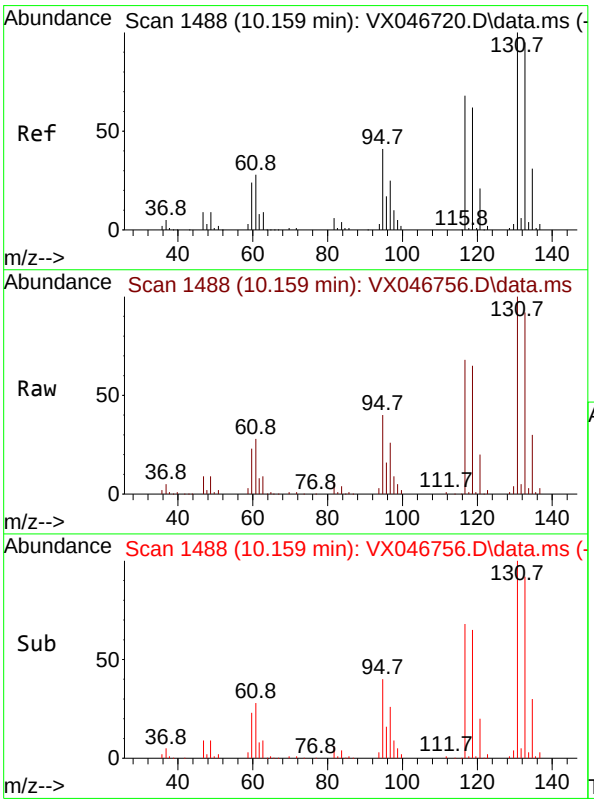
#65
Chlorobenzene
Concen: 44.211 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 214231

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.5	38.3

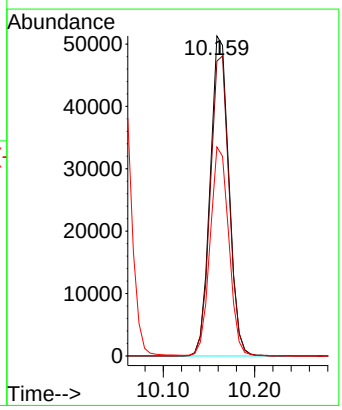


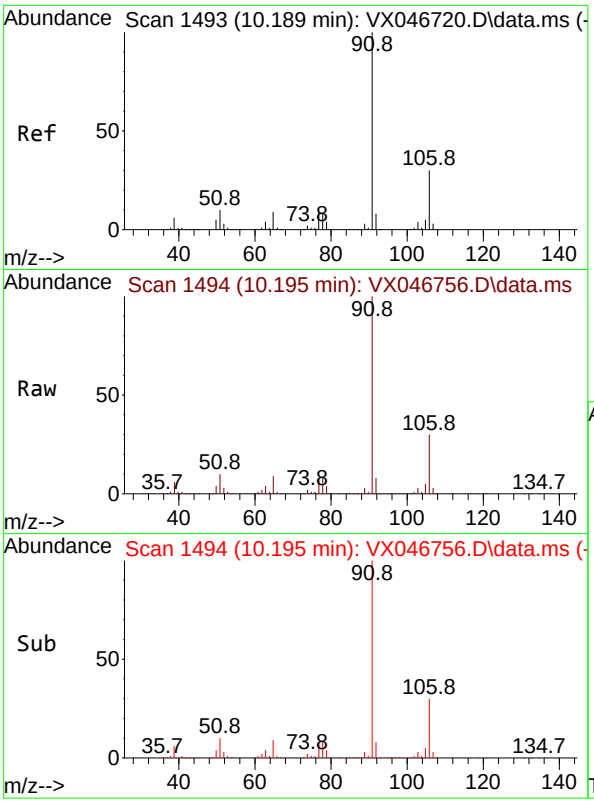


#66
1,1,1,2-Tetrachloroethane
Concen: 44.807 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:131 Resp: 72969

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	65.3	32.1	96.3



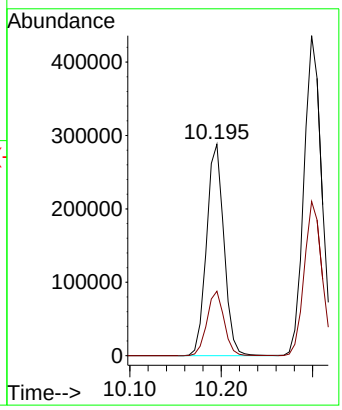


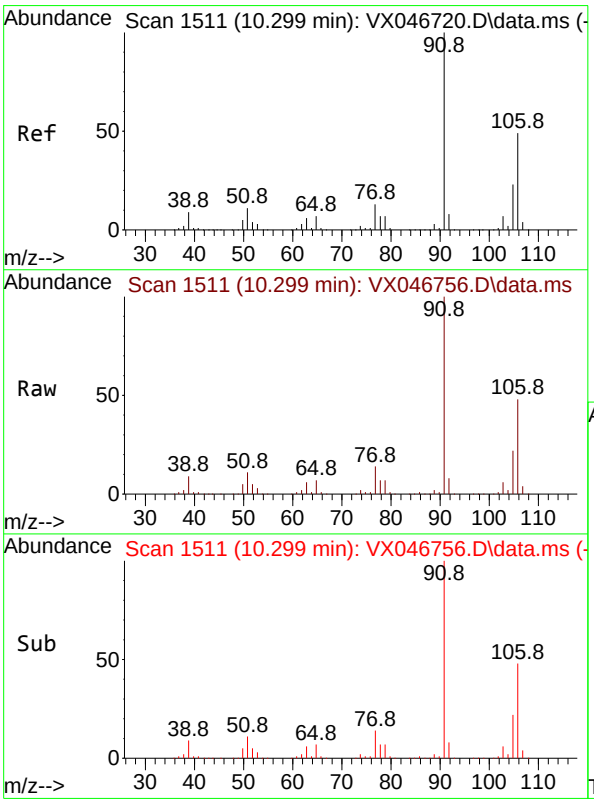
#67
Ethyl Benzene
Concen: 44.751 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 378885

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.2

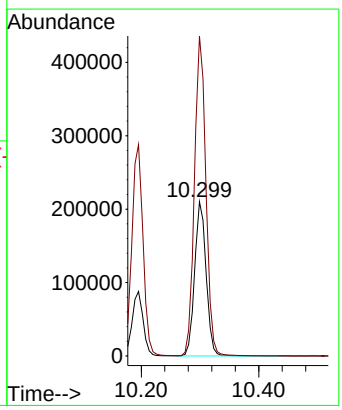


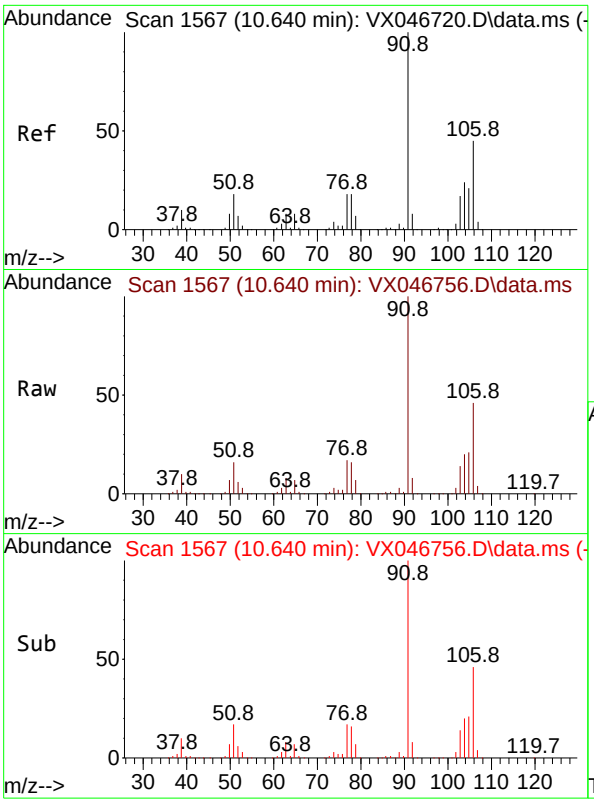


#68
m/p-Xylenes
Concen: 90.331 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:106 Resp: 284969

Ion	Ratio	Lower	Upper
106	100		
91	206.8	164.8	247.2



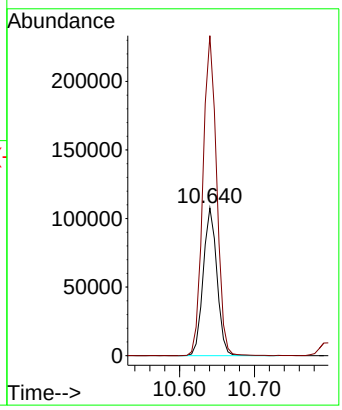


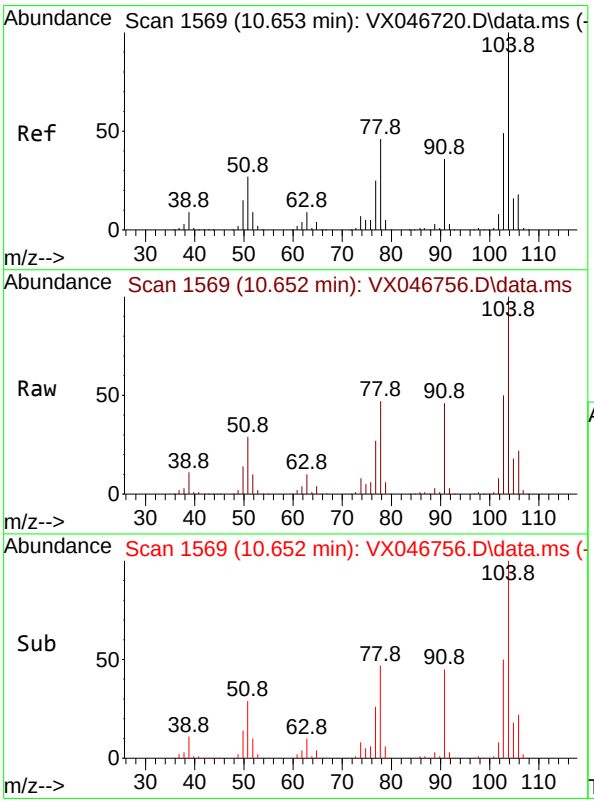
#69
o-Xylene
Concen: 46.579 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 137712

Ion	Ratio	Lower	Upper
106	100		
91	216.6	111.3	333.9

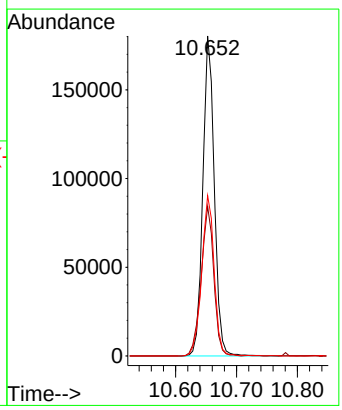


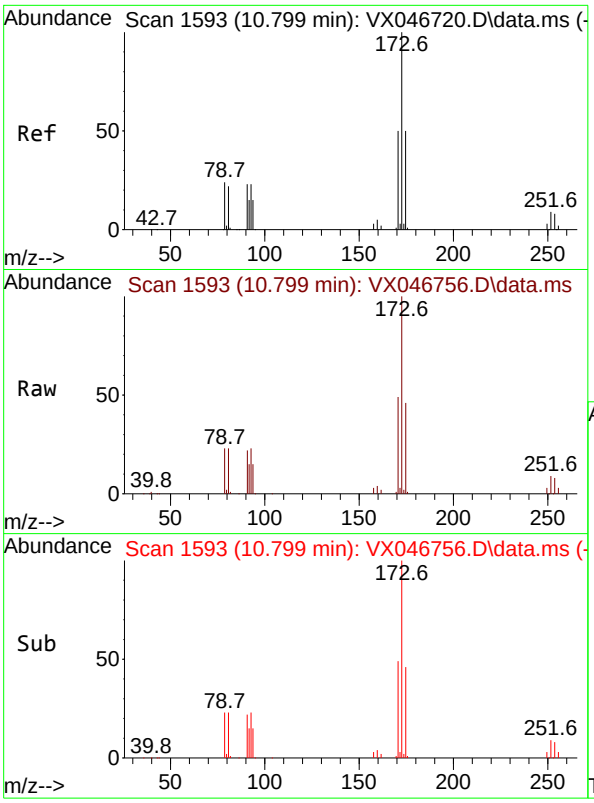


#70
Styrene
Concen: 45.677 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:104 Resp: 236334

Ion	Ratio	Lower	Upper
104	100		
78	51.5	41.4	62.2
103	54.5	43.1	64.7



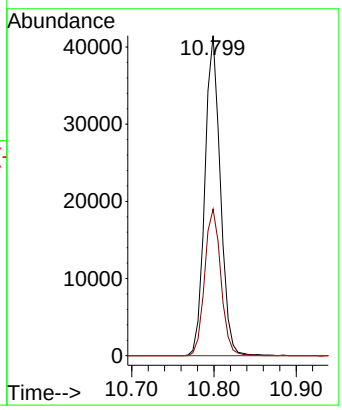


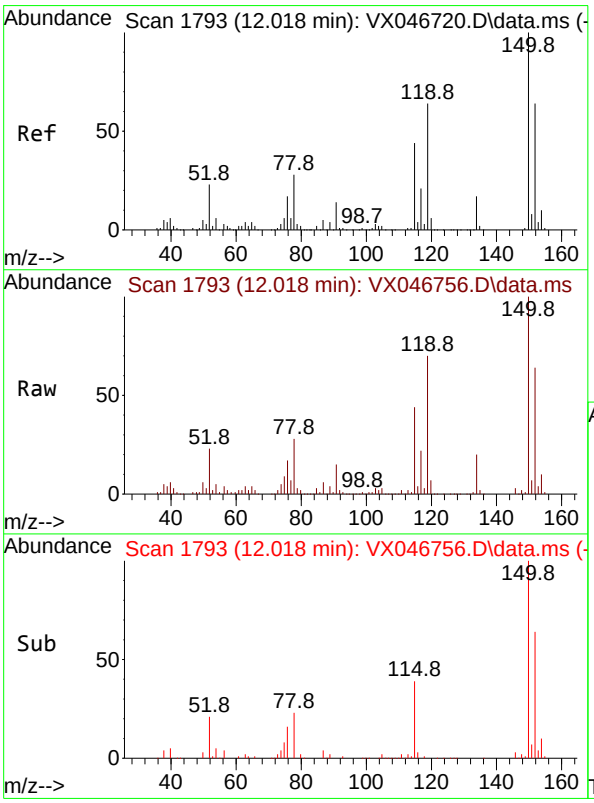
#71
Bromoform
Concen: 43.738 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 54246

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.1	72.4
254	0.0	0.1	0.1#

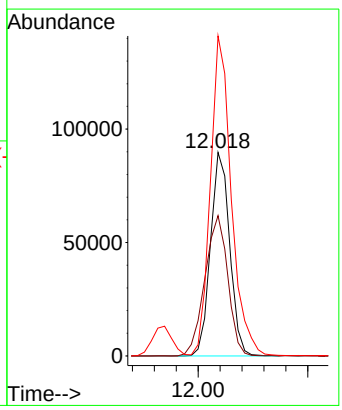


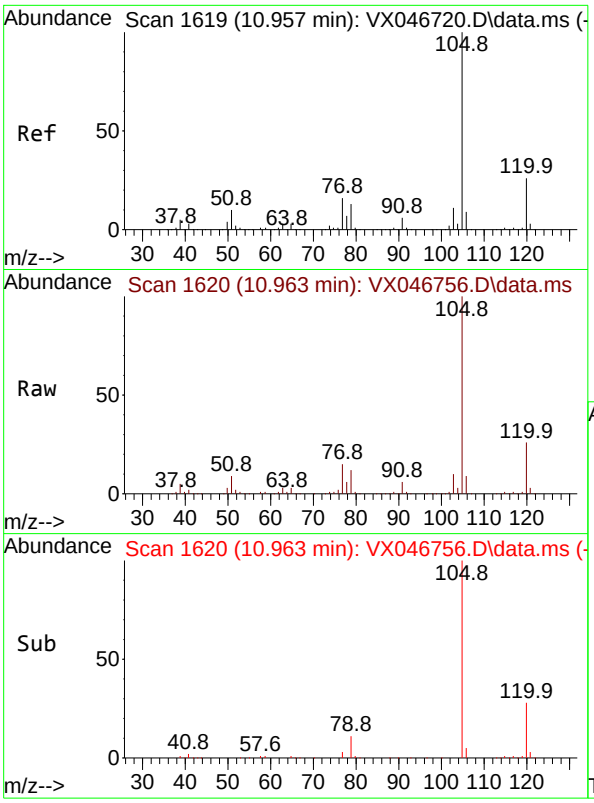


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:152 Resp: 108993

Ion	Ratio	Lower	Upper
152	100		
115	82.4	43.2	129.6
150	172.0	0.0	346.8



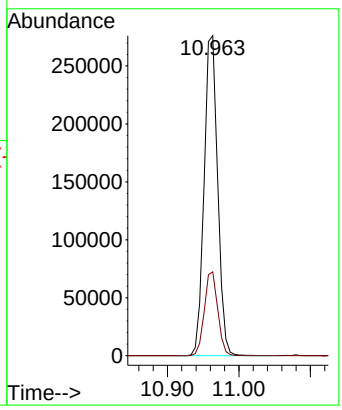


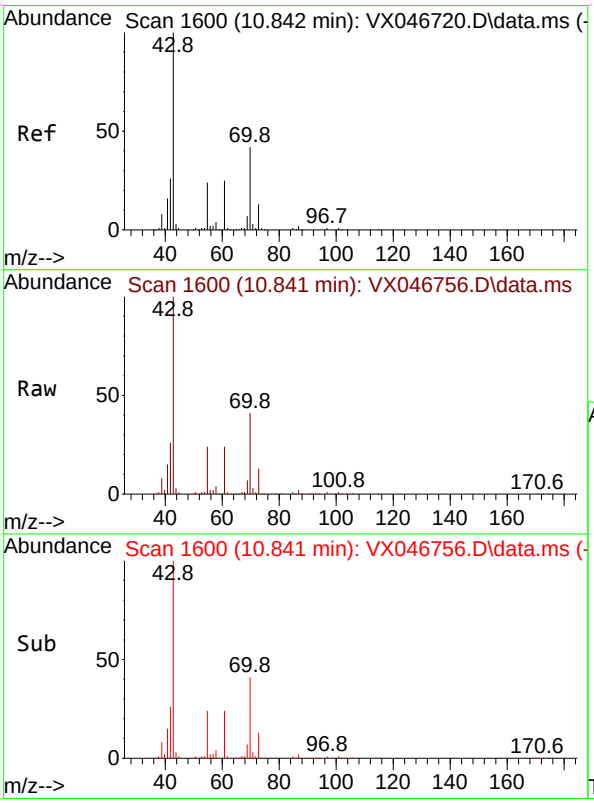
#73
Isopropylbenzene
Concen: 45.390 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 364363

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	39.0

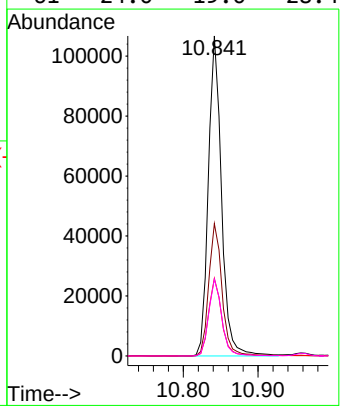


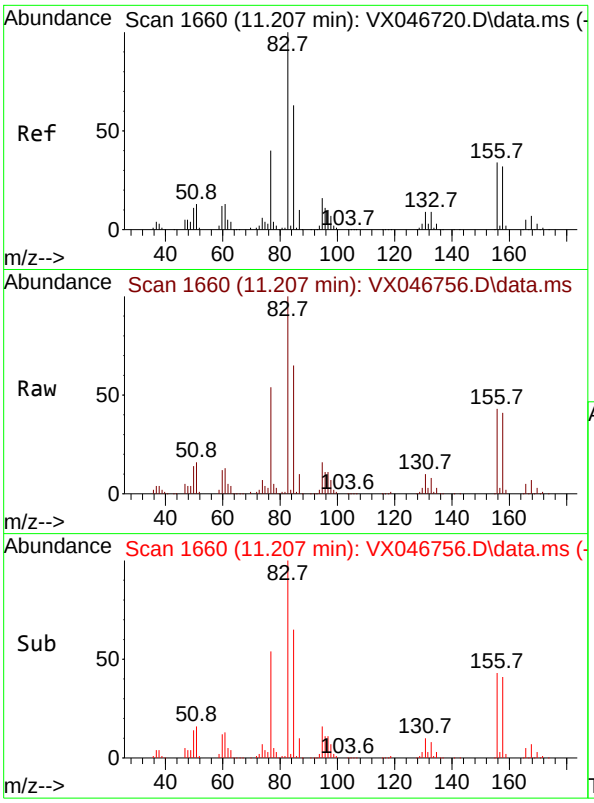


#74
N-amyl acetate
Concen: 42.930 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 43 Resp: 130567

Ion	Ratio	Lower	Upper
43	100		
70	42.1	33.4	50.0
55	24.4	19.1	28.7
61	24.0	19.0	28.4



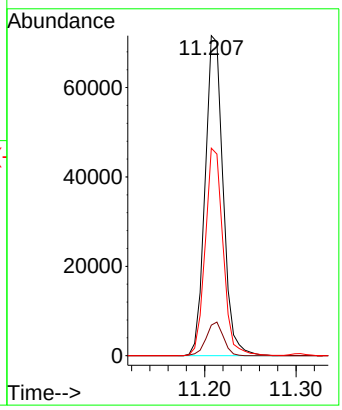


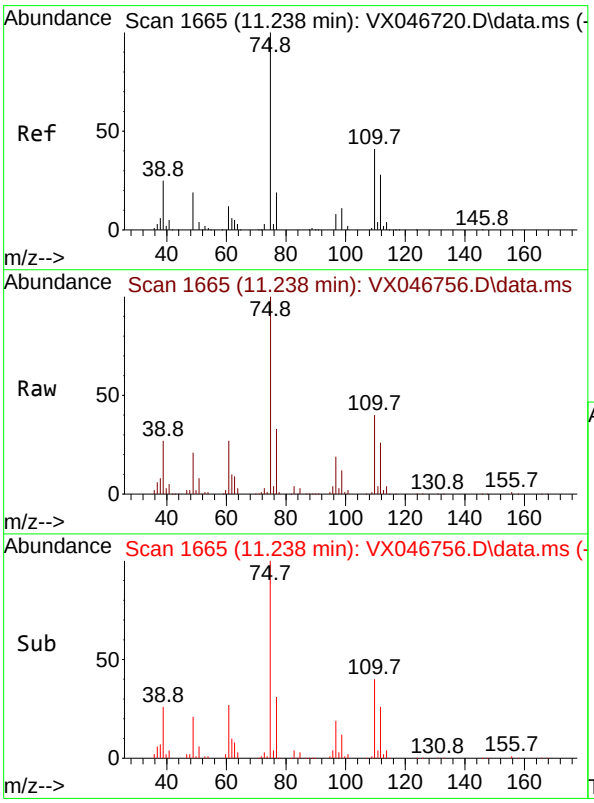
#75
1,1,2,2-Tetrachloroethane
Concen: 43.460 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 97413

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	64.3	32.0	96.0

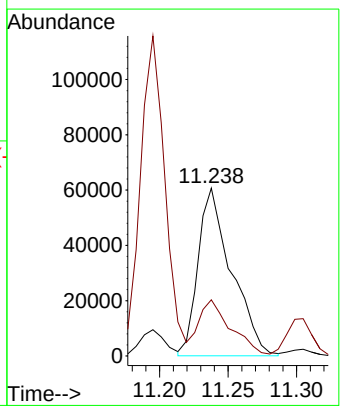


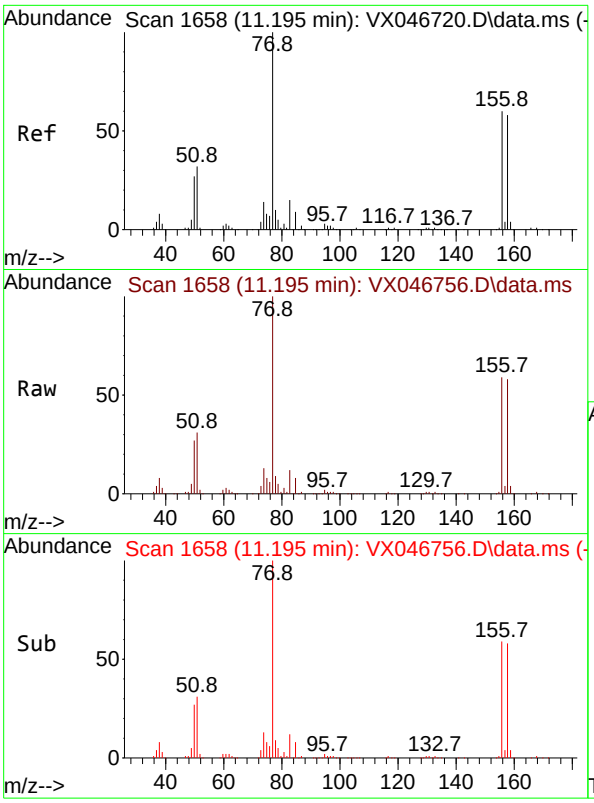


#76
1,2,3-Trichloropropane
Concen: 51.681 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 75 Resp: 103168

Ion	Ratio	Lower	Upper
75	100		
77	32.5	18.5	55.5



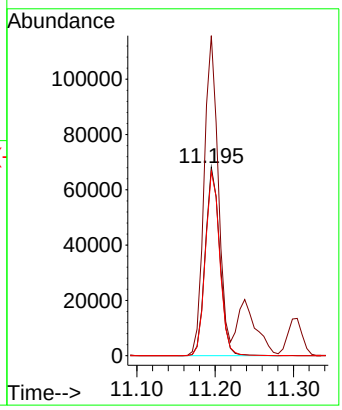


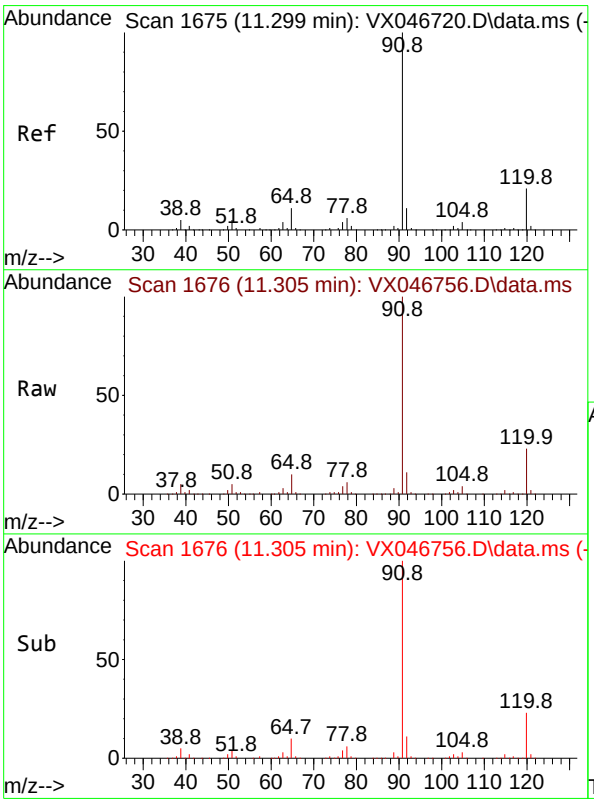
#77
Bromobenzene
Concen: 44.901 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 86736

Ion	Ratio	Lower	Upper
156	100		
77	167.2	82.8	248.6
158	98.0	47.6	142.9

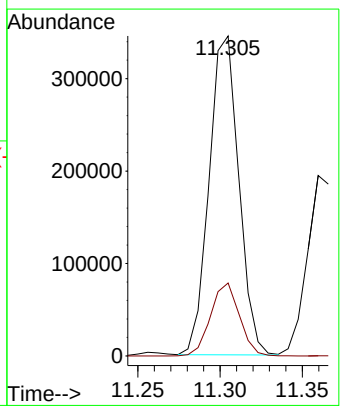


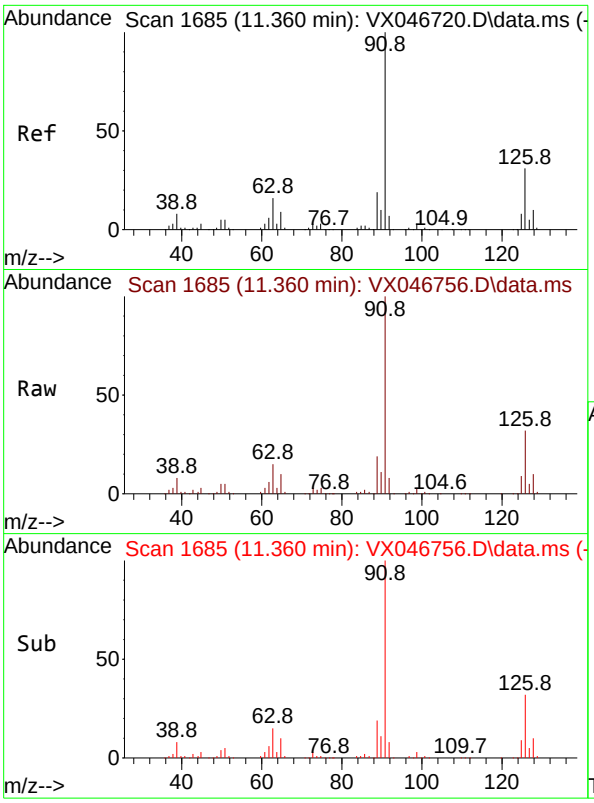


#78
n-propylbenzene
Concen: 45.483 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 91 Resp: 433663

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.4	34.1



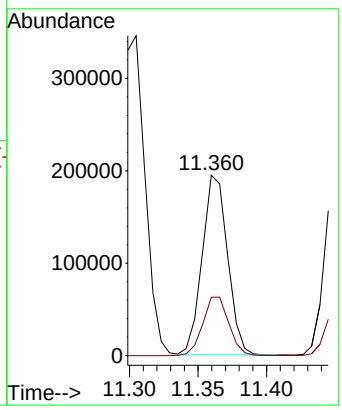


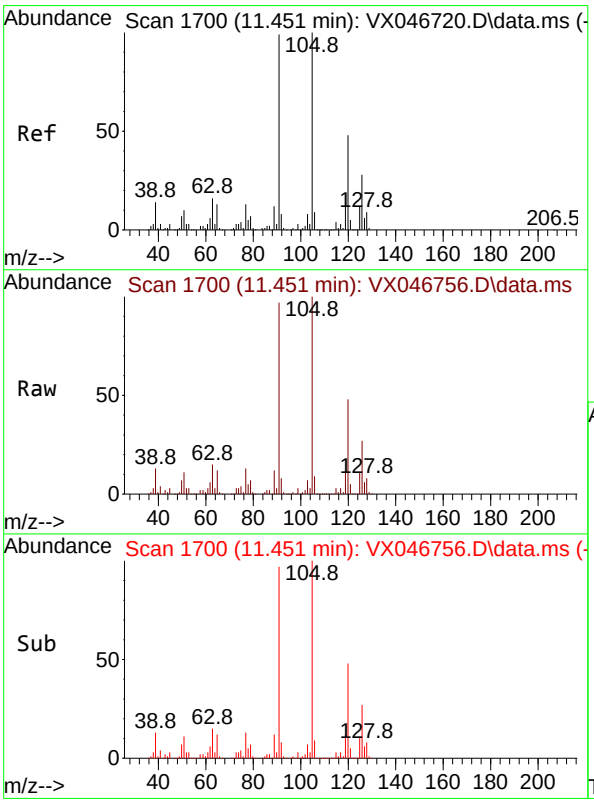
#79
2-Chlorotoluene
Concen: 44.031 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 250652

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.6	49.7

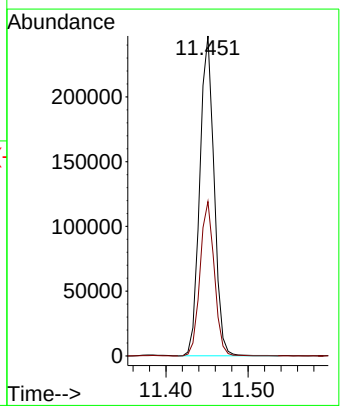


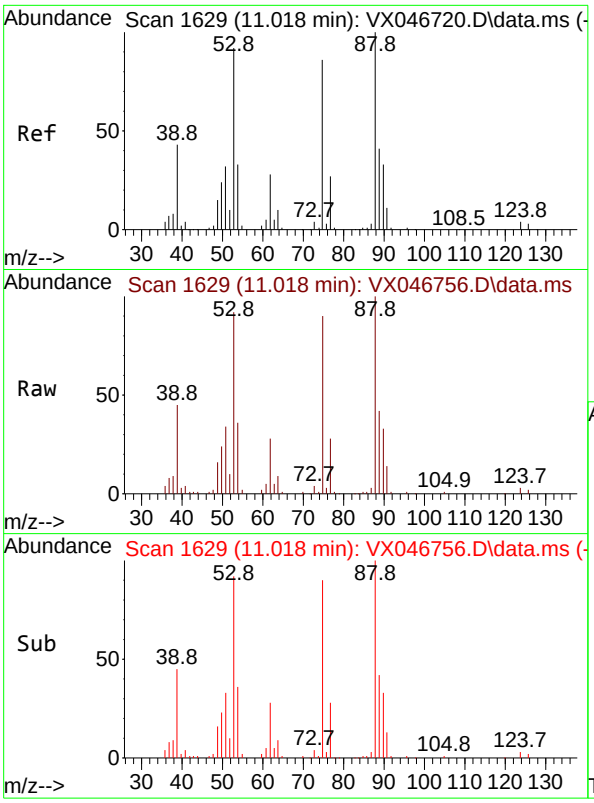


#80
1,3,5-Trimethylbenzene
Concen: 45.302 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:105 Resp: 298840

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.1	72.2



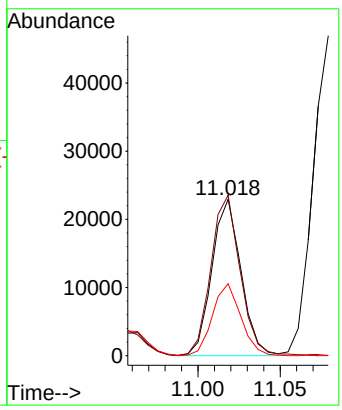


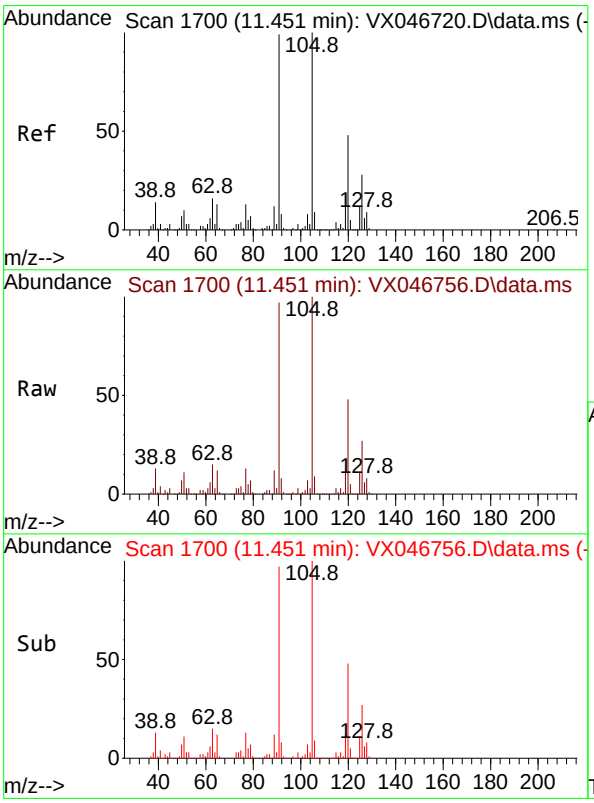
#81
trans-1,4-Dichloro-2-butene
Concen: 39.929 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 28199

Ion	Ratio	Lower	Upper
75	100		
53	104.1	86.8	130.2
89	45.0	36.9	55.3

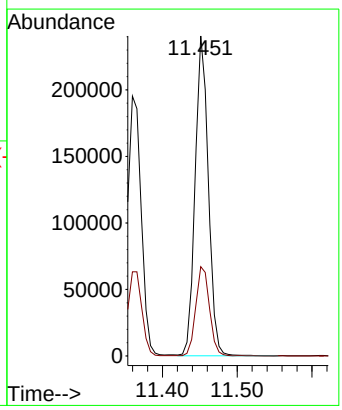


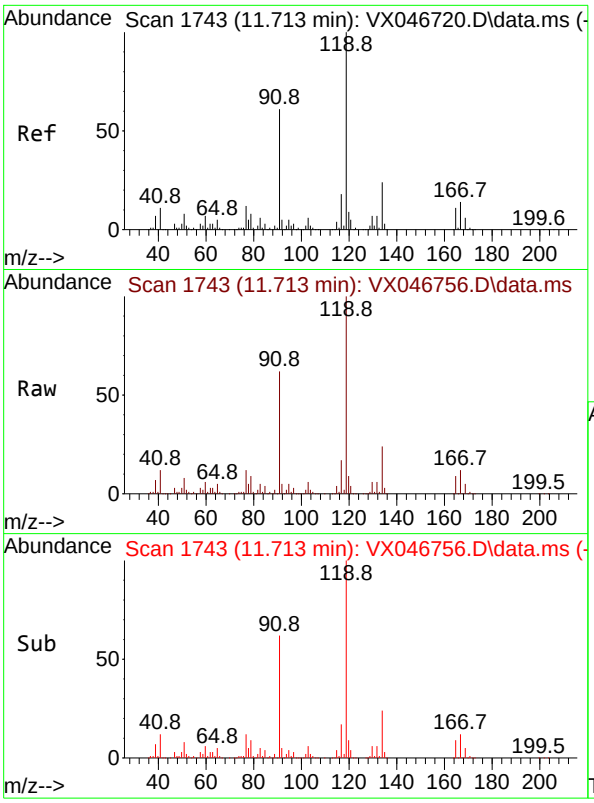


#82
4-Chlorotoluene
Concen: 44.330 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 91 Resp: 294514

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.4	43.2



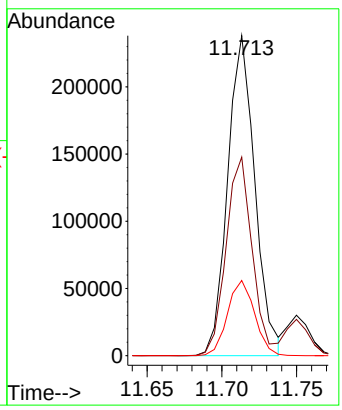


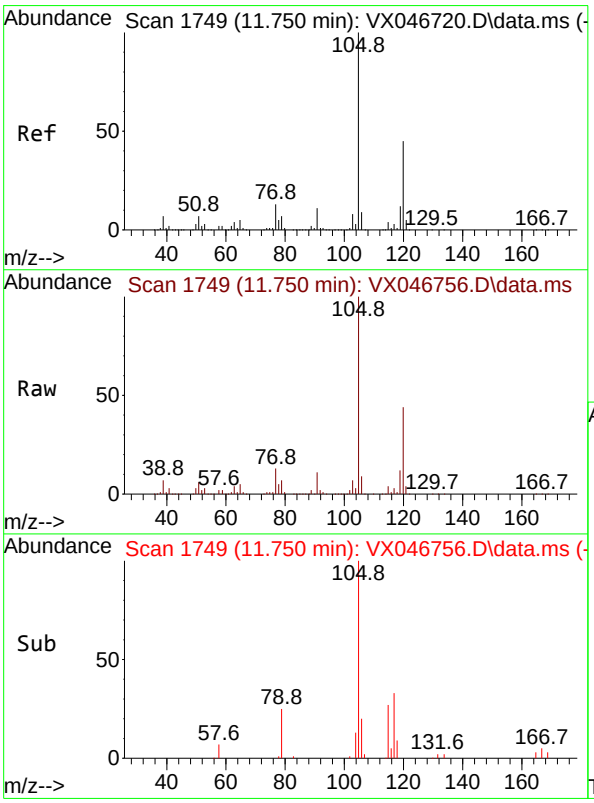
#83
tert-Butylbenzene
Concen: 44.204 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 301413

Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.5	88.6
134	23.4	11.7	35.0

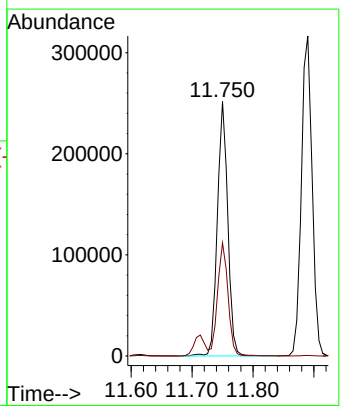


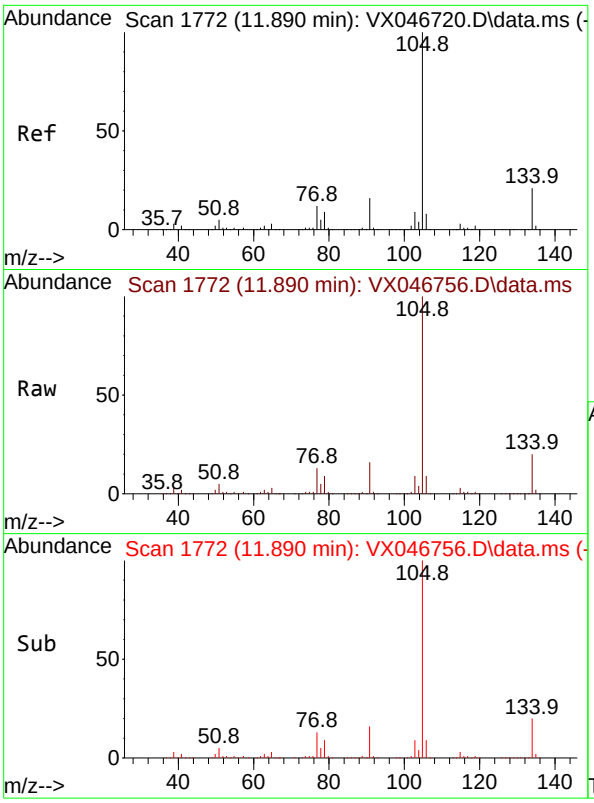


#84
1,2,4-Trimethylbenzene
Concen: 45.207 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:105 Resp: 299612

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.3



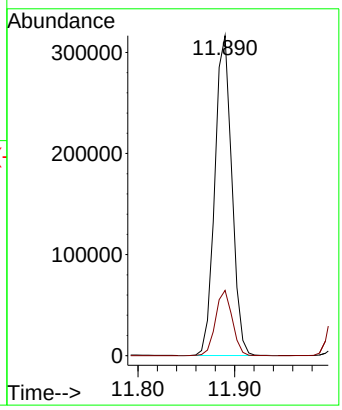


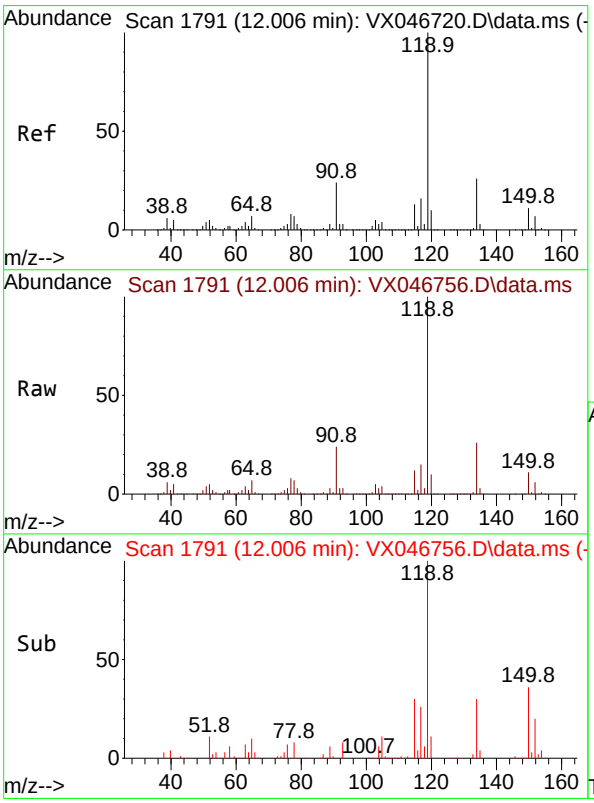
#85
sec-Butylbenzene
Concen: 44.812 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 386175

Ion	Ratio	Lower	Upper
105	100		
134	20.2	9.8	29.4

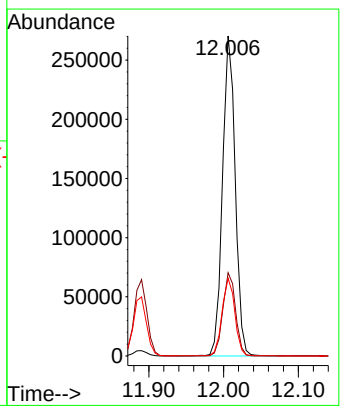


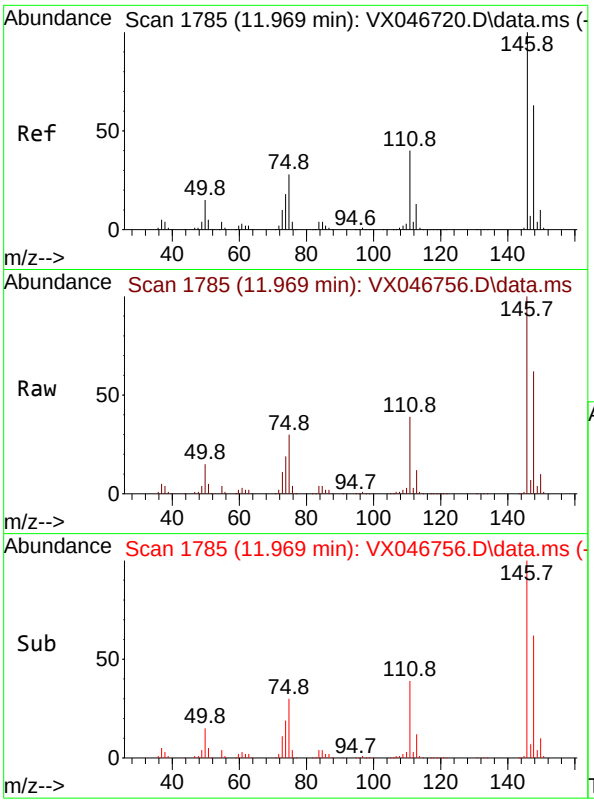


#86
p-Isopropyltoluene
Concen: 44.100 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:119 Resp: 320650

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	24.3	12.3	36.9



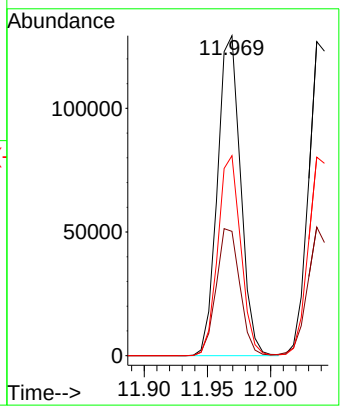


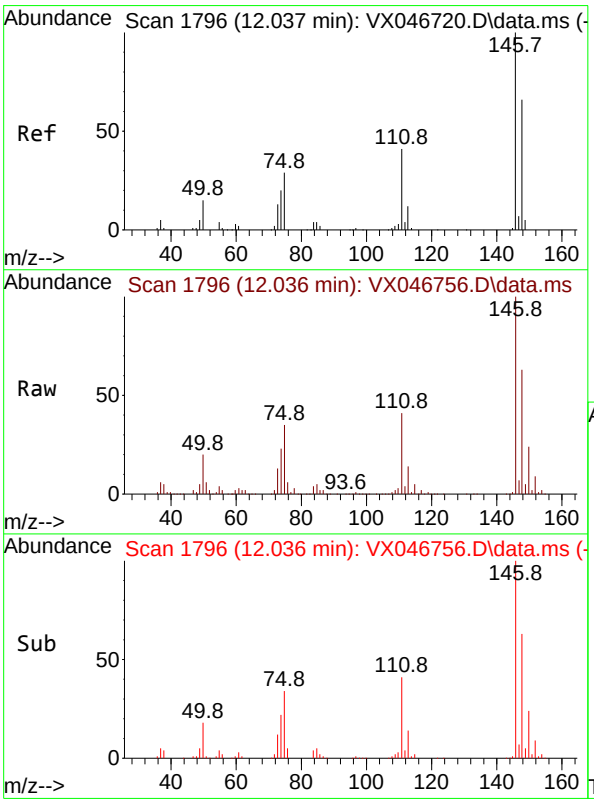
#87
1,3-Dichlorobenzene
Concen: 43.697 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 164581

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	62.0	31.6	94.8

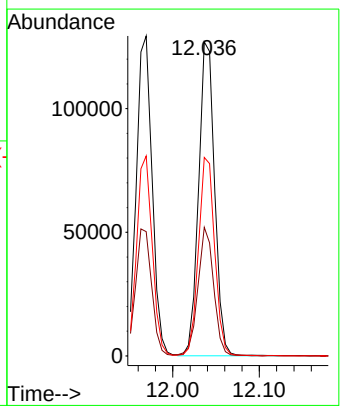


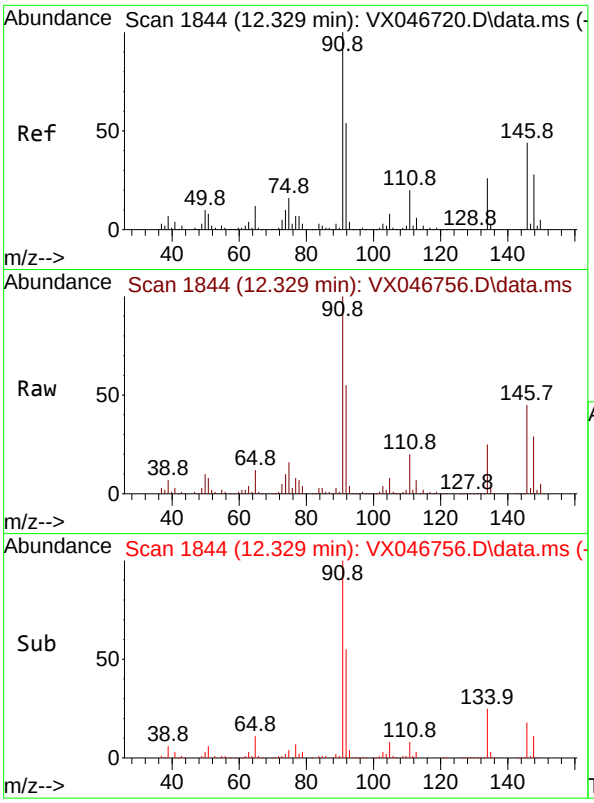


#88
1,4-Dichlorobenzene
Concen: 42.172 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:146 Resp: 163149

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	61.0
148	64.2	32.1	96.5



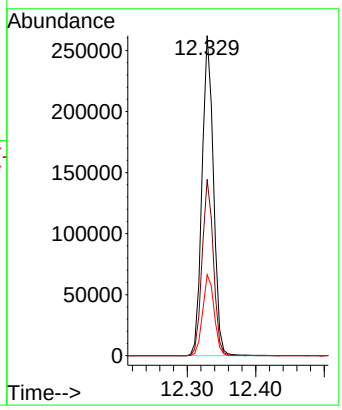


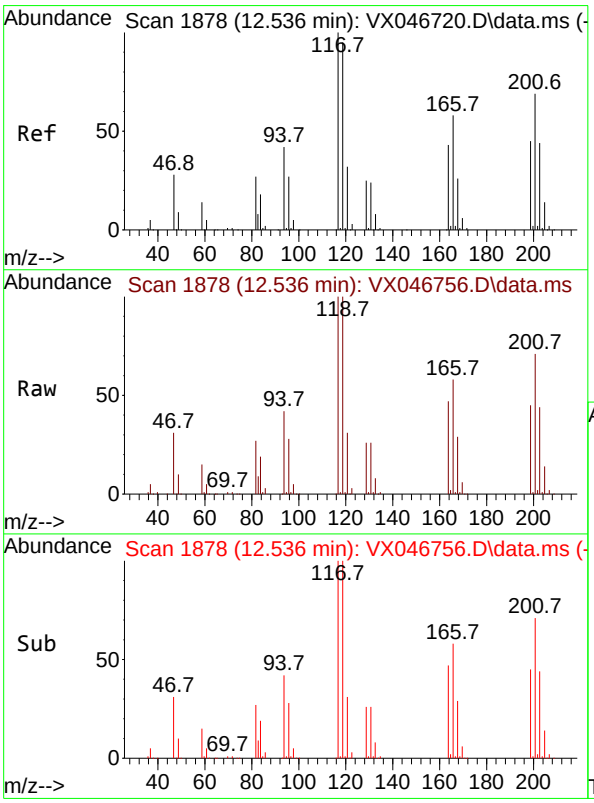
#89
n-Butylbenzene
Concen: 44.167 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 304915

Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.1	81.3
134	25.5	12.9	38.6

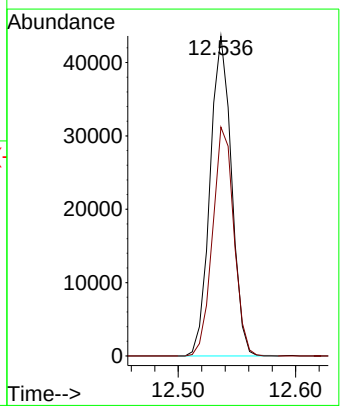


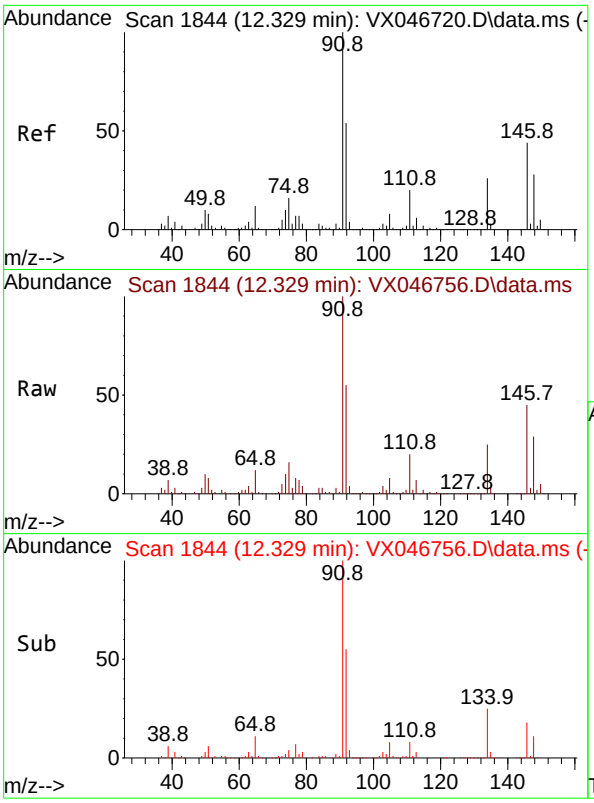


#90
Hexachloroethane
Concen: 43.401 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:117 Resp: 55261

Ion	Ratio	Lower	Upper
117	100		
201	71.1	34.4	103.3



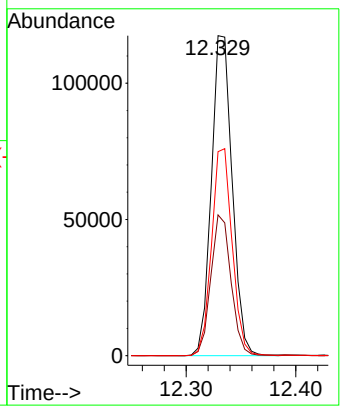


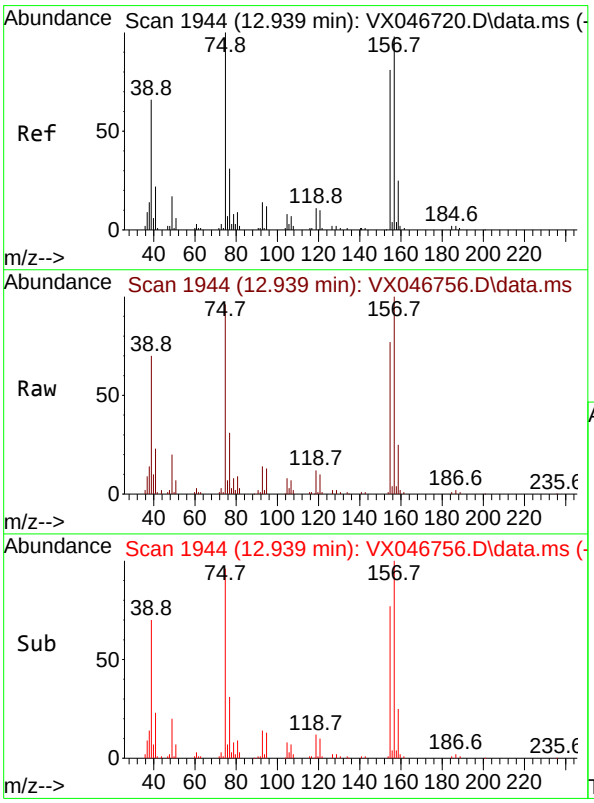
#91
1,2-Dichlorobenzene
Concen: 44.112 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 155261

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.7	65.1
148	64.0	32.0	96.2

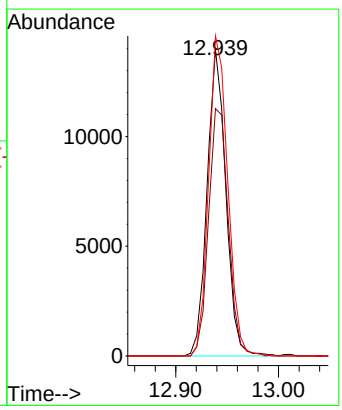


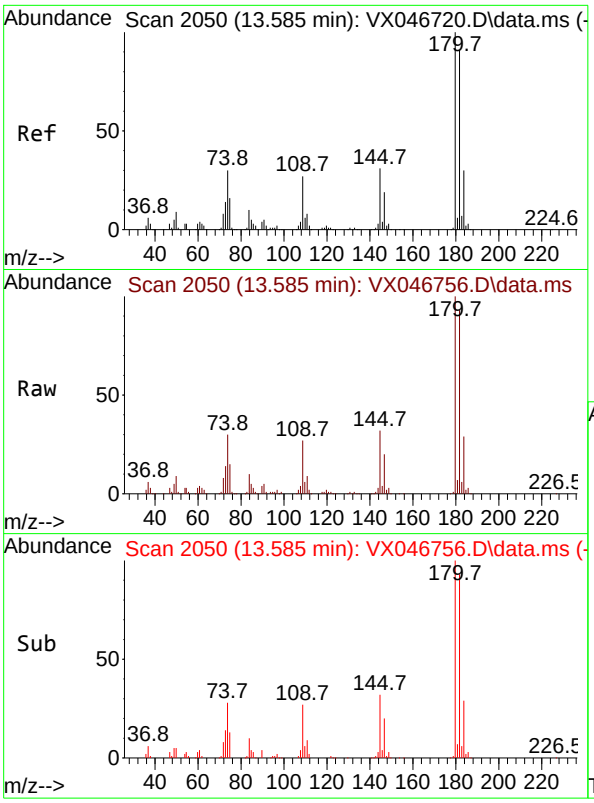


#92
1,2-Dibromo-3-Chloropropane
Concen: 39.972 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion: 75 Resp: 17688

Ion	Ratio	Lower	Upper
75	100		
155	85.2	41.9	125.7
157	106.6	51.4	154.3



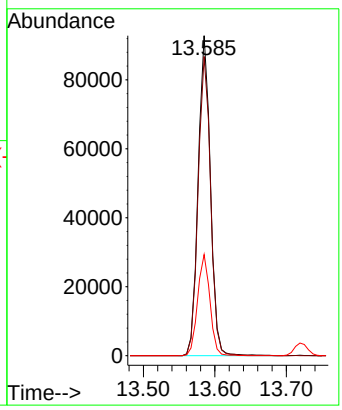


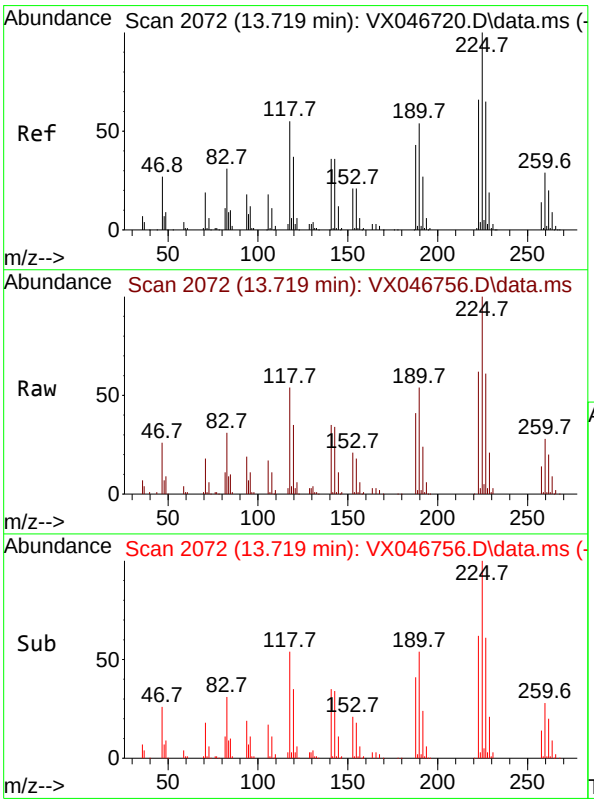
#93
1,2,4-Trichlorobenzene
Concen: 44.088 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 110321

Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.7	140.1
145	31.6	15.8	47.4

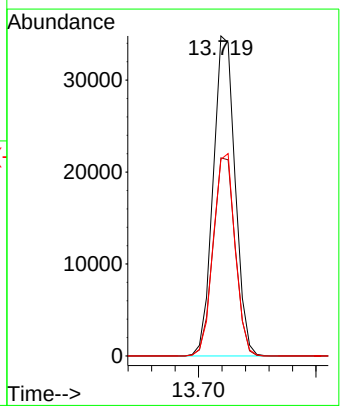


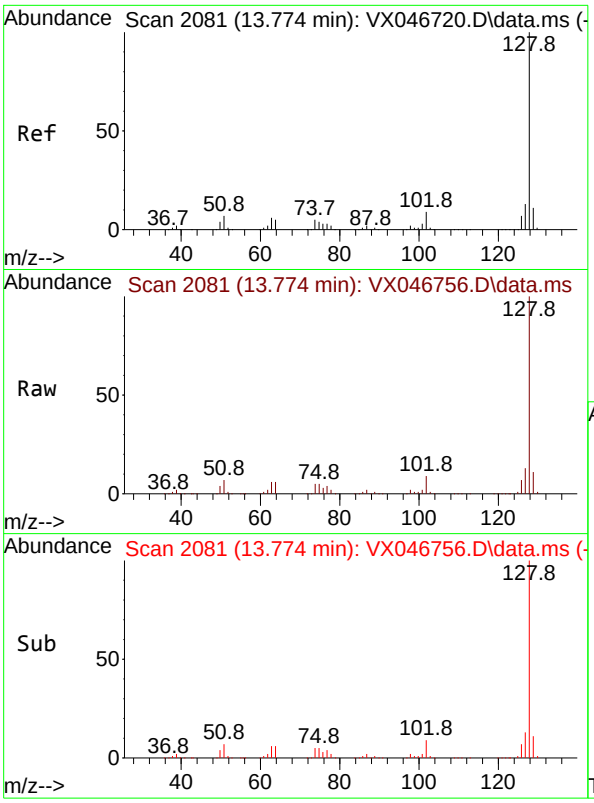


#94
Hexachlorobutadiene
Concen: 42.941 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:225 Resp: 45201

Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.5	97.5
227	62.7	32.2	96.6



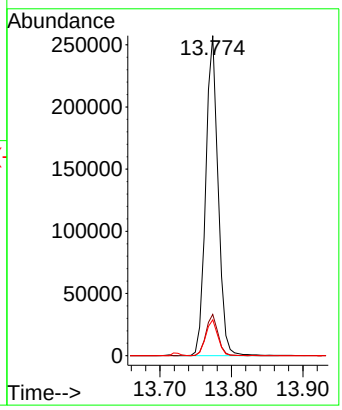


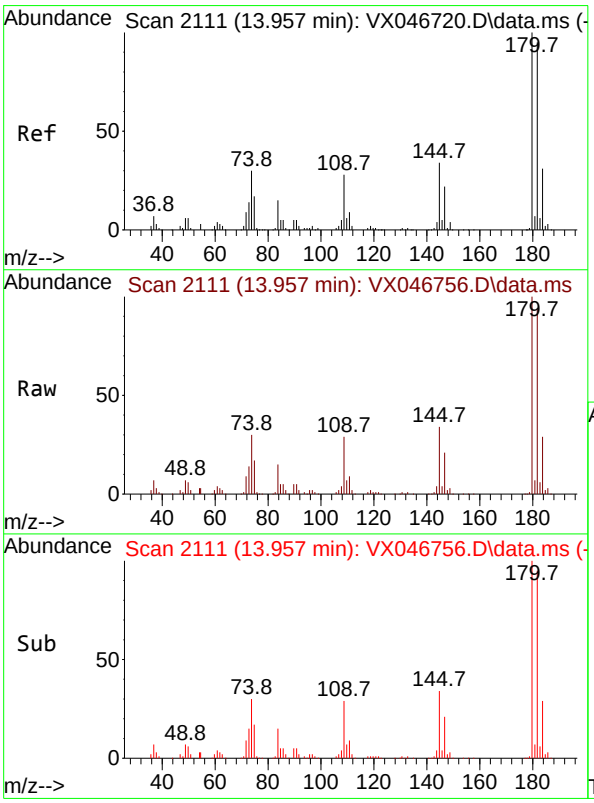
#95
Naphthalene
Concen: 43.429 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 309610

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	11.1	8.7	13.1

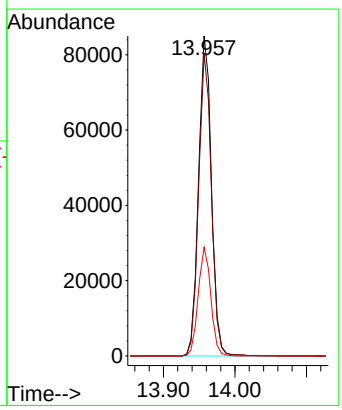




#96
1,2,3-Trichlorobenzene
Concen: 44.175 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046756.D
Acq: 18 Jun 2025 20:01

Tgt Ion:180 Resp: 105752

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.8	143.4
145	33.3	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	137182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	197740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87638	46.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.380%			
35) Dibromofluoromethane	5.391	113	73413	49.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	8.647	98	261576	49.067	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.140%			
62) 4-Bromofluorobenzene	11.079	95	97021	48.823	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	77571	52.964	ug/l	99
3) Chloromethane	1.307	50	81669	51.662	ug/l	96
4) Vinyl Chloride	1.386	62	87898	52.141	ug/l	96
5) Bromomethane	1.624	94	52745	55.612	ug/l	94
6) Chloroethane	1.703	64	53086	51.957	ug/l	98
7) Trichlorofluoromethane	1.904	101	131261	51.280	ug/l	99
8) Diethyl Ether	2.142	74	44511	50.670	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	81171	51.691	ug/l	98
10) Methyl Iodide	2.465	142	94903	48.429	ug/l	99
11) Tert butyl alcohol	2.947	59	26783	157.262	ug/l	100
12) 1,1-Dichloroethene	2.337	96	78427	51.759	ug/l	97
13) Acrolein	2.245	56	50116	202.026	ug/l	98
14) Allyl chloride	2.678	41	136507	49.722	ug/l	99
15) Acrylonitrile	3.068	53	162714	212.474	ug/l	99
16) Acetone	2.380	43	127043	200.776	ug/l	99
17) Carbon Disulfide	2.526	76	218810	47.820	ug/l	99
18) Methyl Acetate	2.709	43	65851	40.975	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	215275	45.628	ug/l	100
20) Methylene Chloride	2.800	84	84742	48.158	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	80577	49.698	ug/l	96
22) Diisopropyl ether	3.763	45	269978	51.162	ug/l	97
23) Vinyl Acetate	3.727	43	1003345	239.105	ug/l	100
24) 1,1-Dichloroethane	3.623	63	148260	49.484	ug/l	100
25) 2-Butanone	4.556	43	177052	197.843	ug/l	95
26) 2,2-Dichloropropane	4.483	77	112913	51.672	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	94126	49.415	ug/l	99
28) Bromochloromethane	4.904	49	65263	48.047	ug/l	100
29) Tetrahydrofuran	5.007	42	116160	200.958	ug/l	99
30) Chloroform	5.099	83	149922	50.036	ug/l	95
31) Cyclohexane	5.477	56	139626	49.142	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	128769	49.003	ug/l	100
36) 1,1-Dichloropropene	5.702	75	106011	49.493	ug/l	99
37) Ethyl Acetate	4.715	43	79324	40.121	ug/l	99
38) Carbon Tetrachloride	5.684	117	115565	49.715	ug/l	98
39) Methylcyclohexane	7.379	83	140502	49.848	ug/l	96
40) Benzene	6.044	78	317423	50.074	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	47871	45.417	ug/l		95
42) 1,2-Dichloroethane	6.086	62	107931	48.452	ug/l		99
43) Isopropyl Acetate	6.336	43	132833	42.935	ug/l		99
44) Trichloroethene	7.129	130	80127	49.599	ug/l		96
45) 1,2-Dichloropropane	7.427	63	79156	50.385	ug/l		95
46) Dibromomethane	7.580	93	53399	47.295	ug/l		99
47) Bromodichloromethane	7.818	83	116822	50.703	ug/l		100
48) Methyl methacrylate	7.690	41	70314	45.316	ug/l		99
49) 1,4-Dioxane	7.659	88	15950	714.909	ug/l		96
51) 4-Methyl-2-Pentanone	8.568	43	379704	205.777	ug/l		100
52) Toluene	8.714	92	196587	50.025	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	107788	50.420	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	122151	50.333	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	69729	47.614	ug/l		98
56) Ethyl methacrylate	9.116	69	99225	45.899	ug/l		100
57) 1,3-Dichloropropane	9.305	76	122083	48.408	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	279394	248.797	ug/l		100
59) 2-Hexanone	9.427	43	257015	201.475	ug/l		100
60) Dibromochloromethane	9.519	129	84603	49.021	ug/l		99
61) 1,2-Dibromoethane	9.610	107	70987	47.653	ug/l		100
64) Tetrachloroethene	9.275	164	67934	49.587	ug/l		98
65) Chlorobenzene	10.073	112	215423	49.352	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	73797	50.304	ug/l		100
67) Ethyl Benzene	10.189	91	379202	49.719	ug/l		100
68) m/p-Xylenes	10.299	106	286180	100.703	ug/l		99
69) o-Xylene	10.640	106	135837	51.004	ug/l		99
70) Styrene	10.652	104	235709	50.573	ug/l		100
71) Bromoform	10.799	173	51917	46.470	ug/l	#	100
73) Isopropylbenzene	10.957	105	362998	50.881	ug/l		100
74) N-amyl acetate	10.841	43	120822	44.699	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90340	45.350	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	95570	53.868	ug/l		91
77) Bromobenzene	11.195	156	86326	50.284	ug/l		98
78) n-propylbenzene	11.299	91	434668	51.296	ug/l		100
79) 2-Chlorotoluene	11.360	91	250583	49.529	ug/l		99
80) 1,3,5-Trimethylbenzene	11.445	105	294565	50.244	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	27012	43.036	ug/l		98
82) 4-Chlorotoluene	11.451	91	294491	49.875	ug/l		100
83) tert-Butylbenzene	11.713	119	302344	49.891	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	298590	50.692	ug/l		100
85) sec-Butylbenzene	11.890	105	389381	50.841	ug/l		99
86) p-Isopropyltoluene	12.006	119	324490	50.214	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	161807	48.338	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	164023	47.705	ug/l		98
89) n-Butylbenzene	12.329	91	310154	50.550	ug/l		100
90) Hexachloroethane	12.536	117	55264	48.837	ug/l		96
91) 1,2-Dichlorobenzene	12.329	146	154832	49.496	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15868	40.348	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	107660	48.410	ug/l		98
94) Hexachlorobutadiene	13.719	225	46034	49.207	ug/l		99
95) Naphthalene	13.774	128	286491	45.216	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	103088	48.453	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

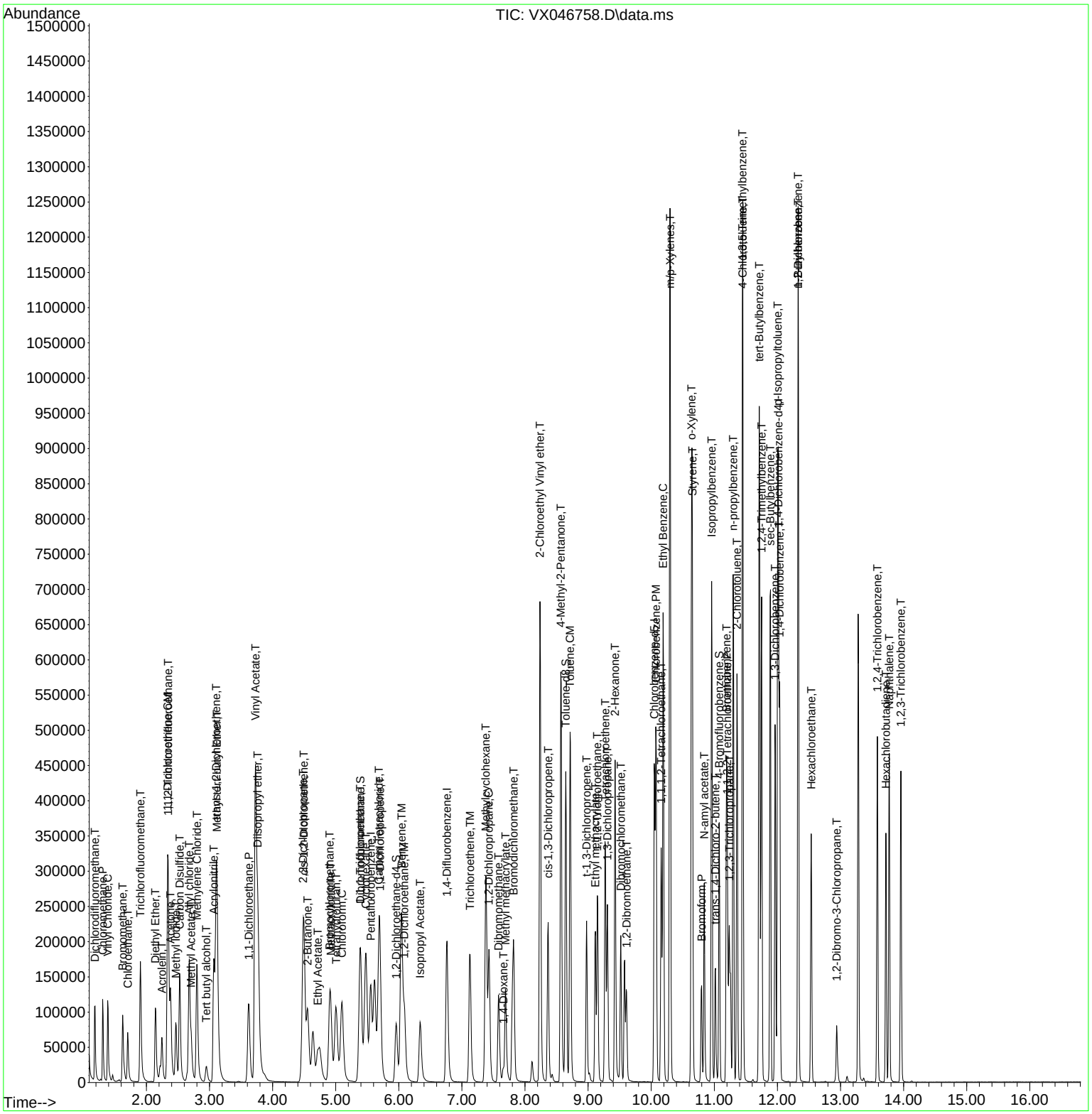
(#) = qualifier out of range (m) = manual integration (+) = signals summed

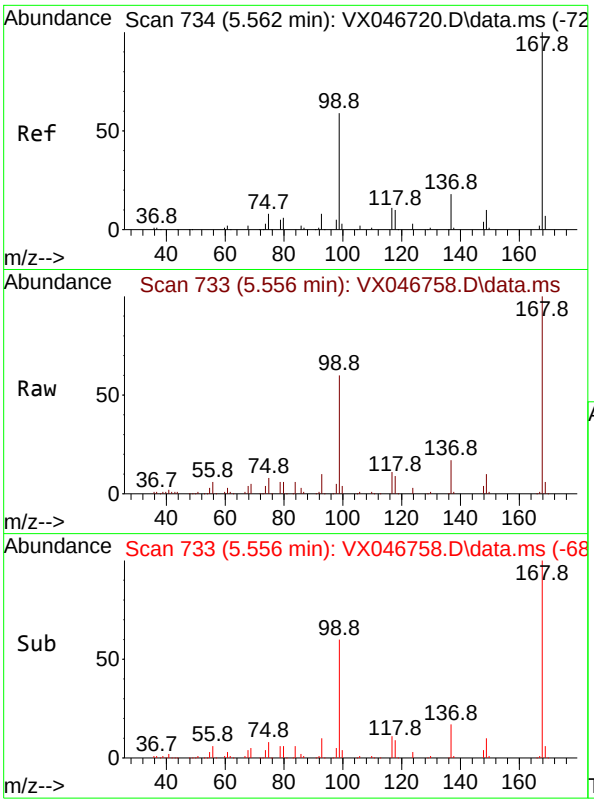
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046758.D
Acq On : 19 Jun 2025 09:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 20 05:14:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



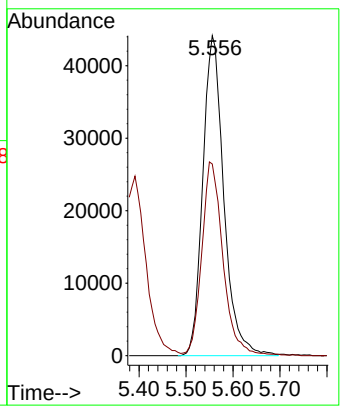


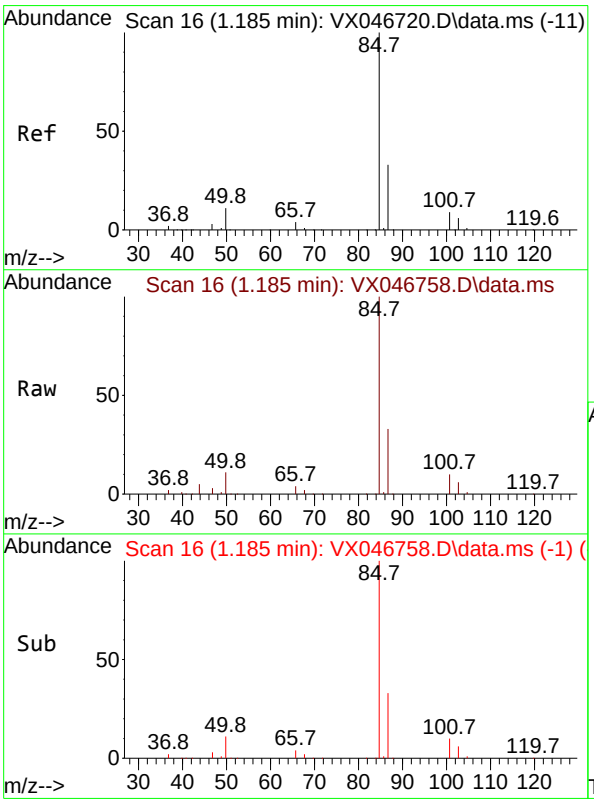
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 137182

Ion	Ratio	Lower	Upper
168	100		
99	59.5	48.5	72.7

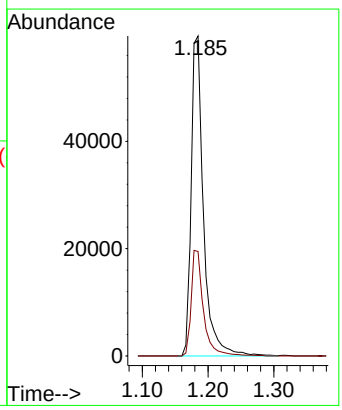


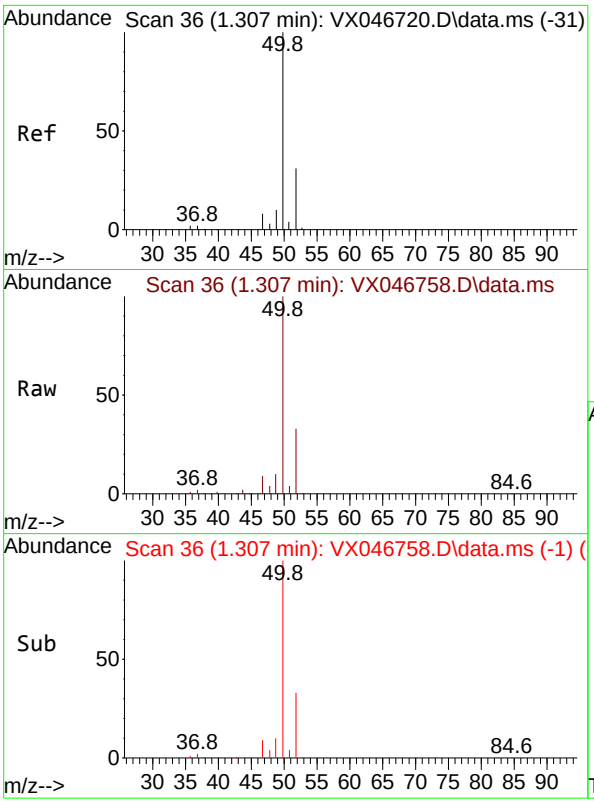


#2
Dichlorodifluoromethane
Concen: 52.964 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 85 Resp: 77571

Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.6	49.8



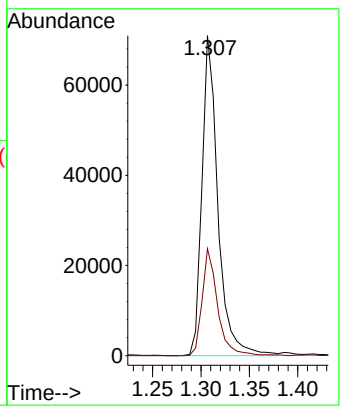


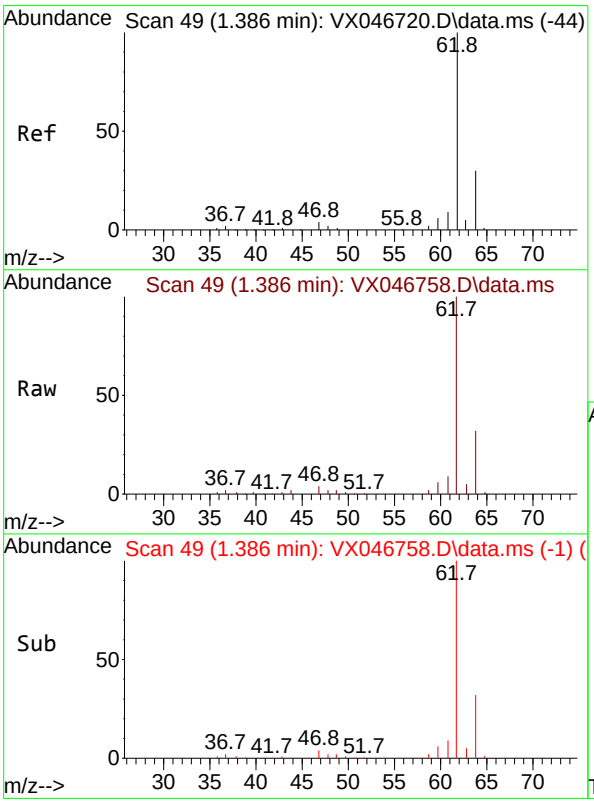
#3
Chloromethane
Concen: 51.662 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 81669

Ion	Ratio	Lower	Upper
50	100		
52	33.4	24.9	37.3

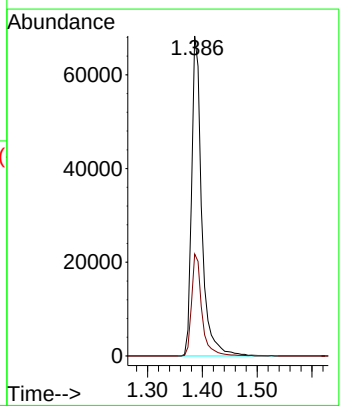


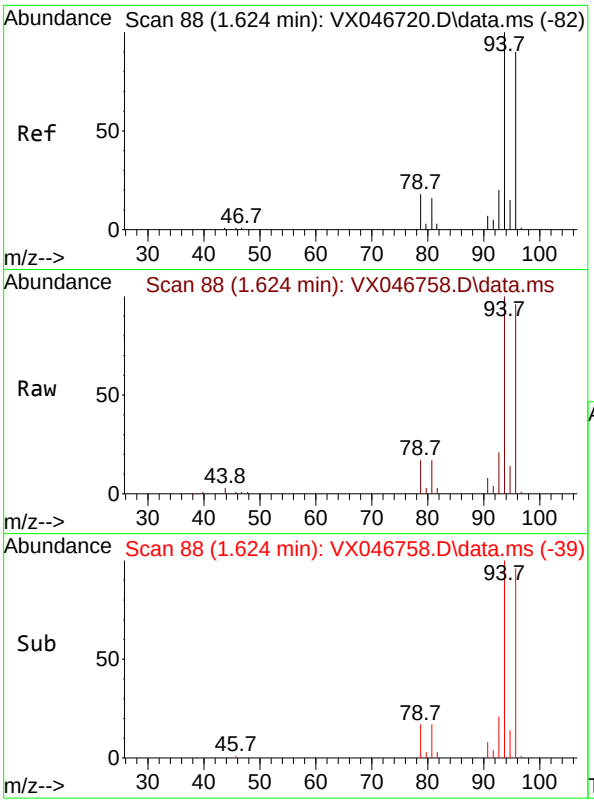


#4
Vinyl Chloride
Concen: 52.141 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 62 Resp: 87898

Ion	Ratio	Lower	Upper
62	100		
64	31.8	23.9	35.9



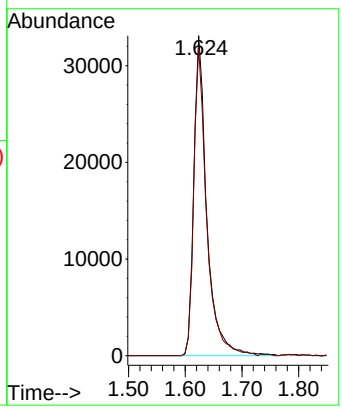


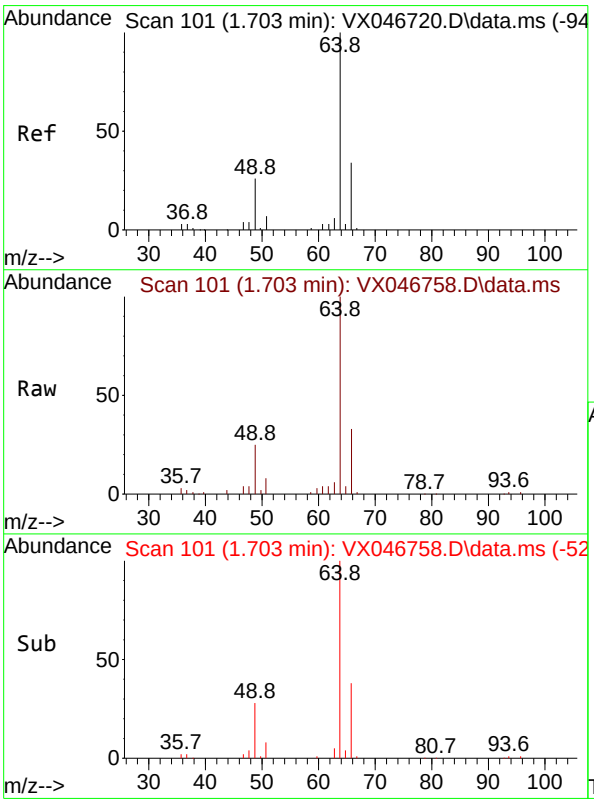
#5
Bromomethane
Concen: 55.612 ug/l
RT: 1.624 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 52745

Ion	Ratio	Lower	Upper
94	100		
96	96.1	72.3	108.5

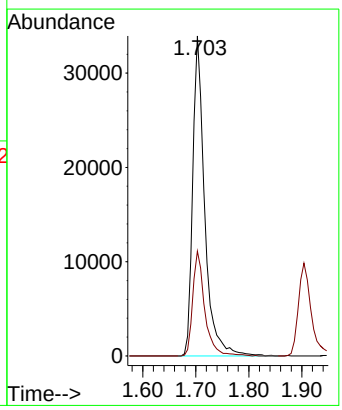


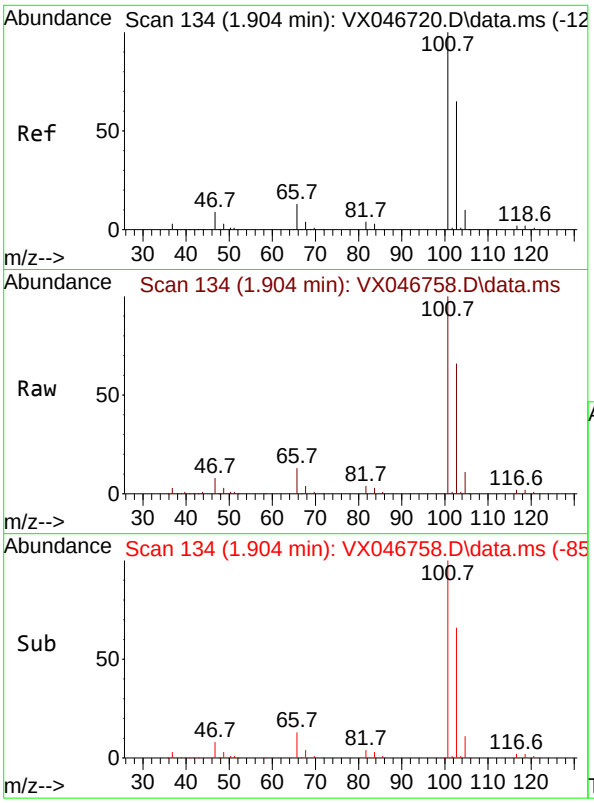


#6
Chloroethane
Concen: 51.957 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 64 Resp: 53086

Ion	Ratio	Lower	Upper
64	100		
66	32.8	27.1	40.7



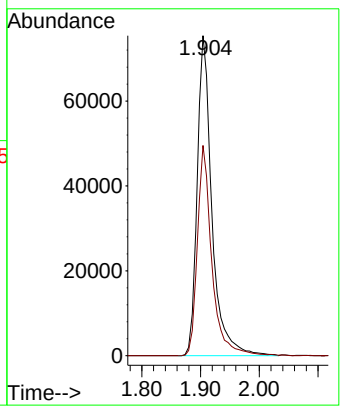


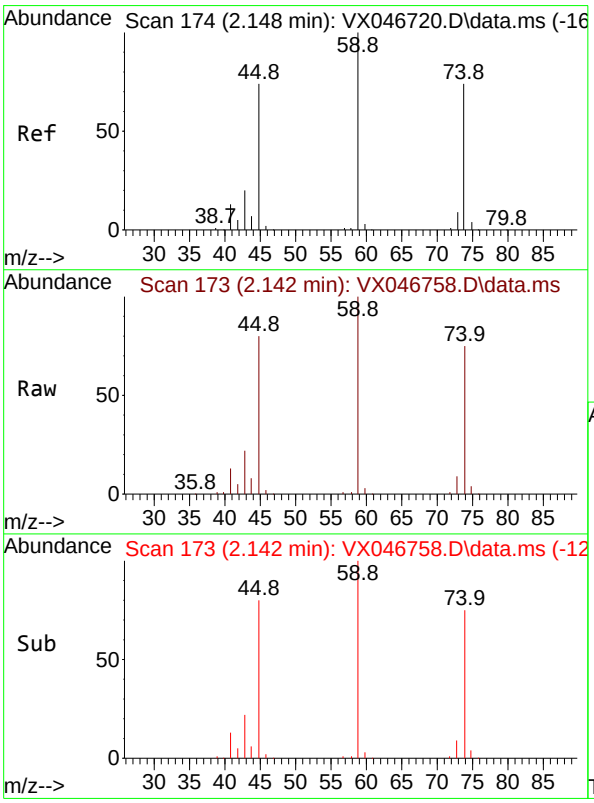
#7
Trichlorofluoromethane
Concen: 51.280 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 131261

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.8	77.8

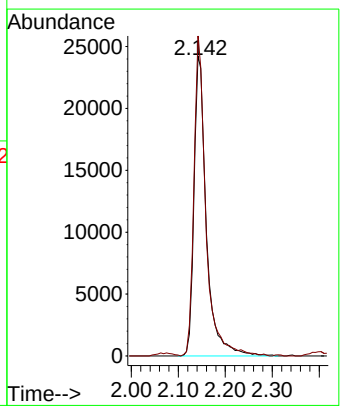


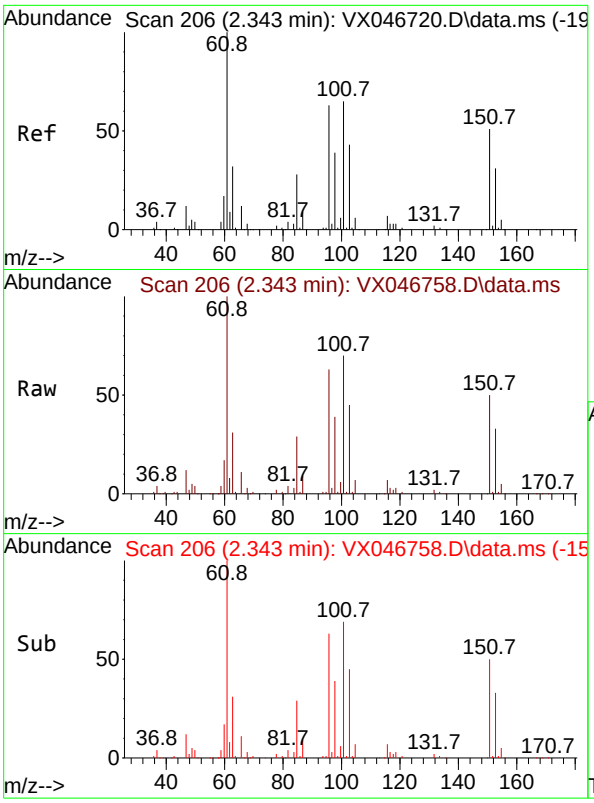


#8
Diethyl Ether
Concen: 50.670 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 74 Resp: 44511

Ion	Ratio	Lower	Upper
74	100		
45	103.6	52.3	157.1



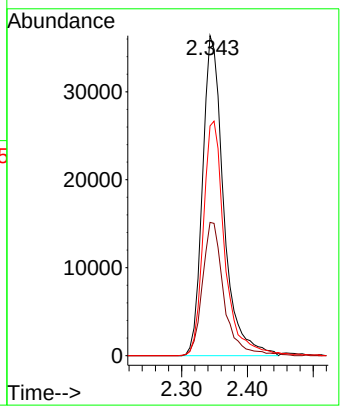


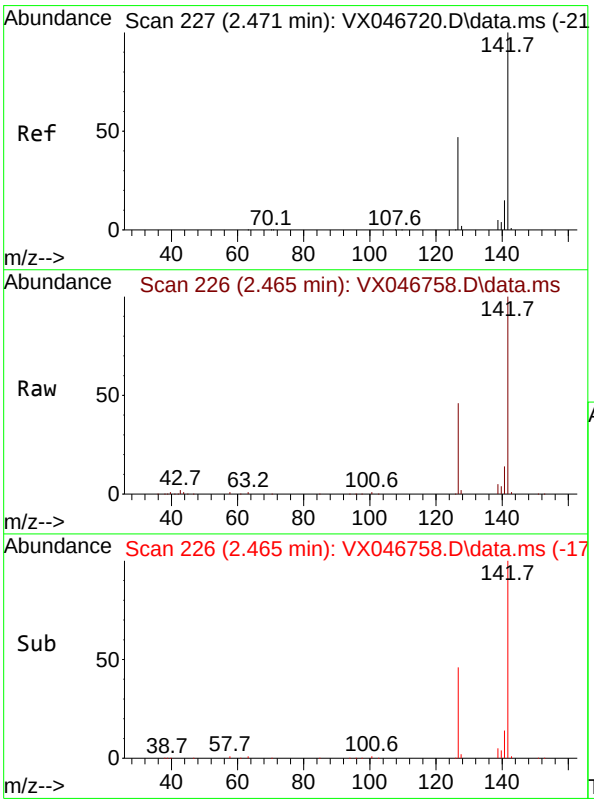
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.691 ug/l
RT: 2.343 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 81171

Ion	Ratio	Lower	Upper
101	100		
85	42.5	35.4	53.0
151	74.7	61.2	91.8

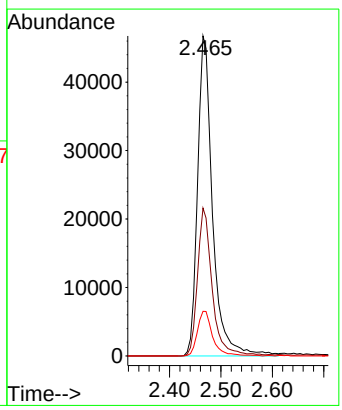


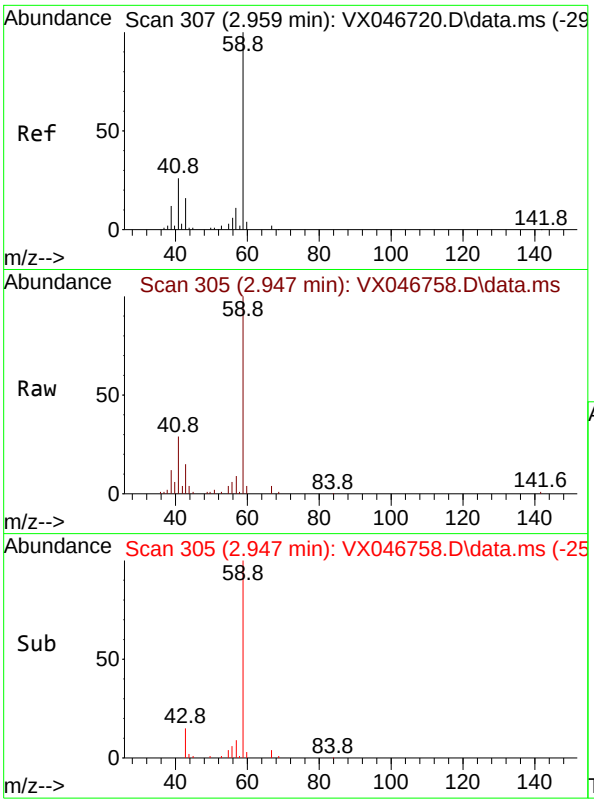


#10
Methyl Iodide
Concen: 48.429 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:142 Resp: 94903

Ion	Ratio	Lower	Upper
142	100		
127	45.2	37.0	55.6
141	14.2	11.5	17.3



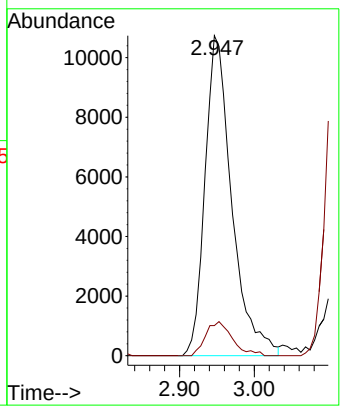


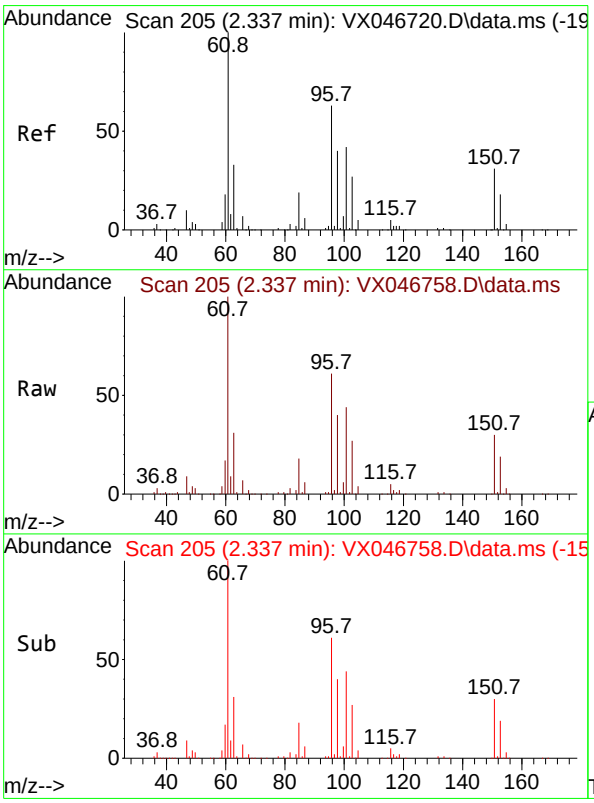
#11
Tert butyl alcohol
Concen: 157.262 ug/l
RT: 2.947 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 26783

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

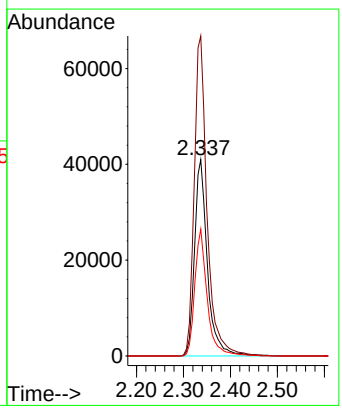


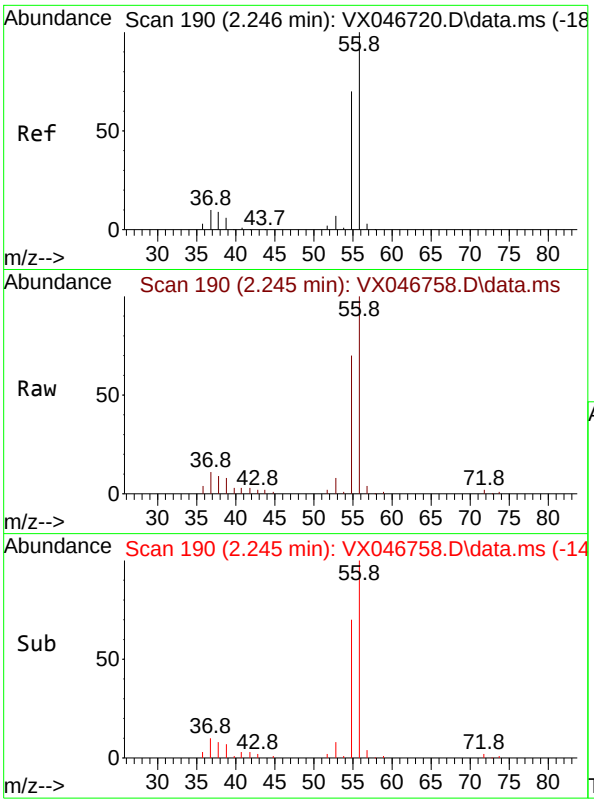


#12
1,1-Dichloroethene
Concen: 51.759 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 96 Resp: 78427

Ion	Ratio	Lower	Upper
96	100		
61	163.0	126.6	189.8
98	64.7	50.7	76.1



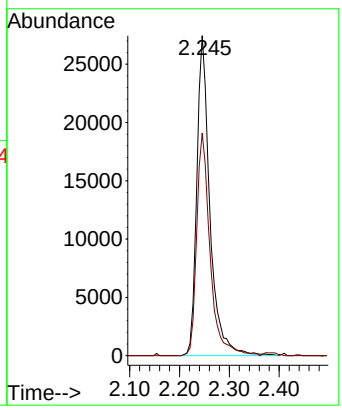


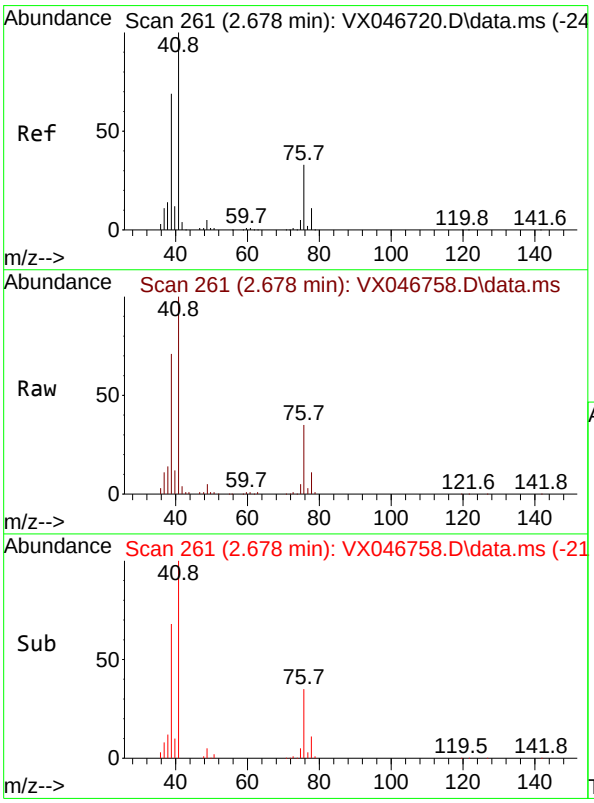
#13
Acrolein
Concen: 202.026 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 50116

Ion	Ratio	Lower	Upper
56	100		
55	71.0	55.2	82.8

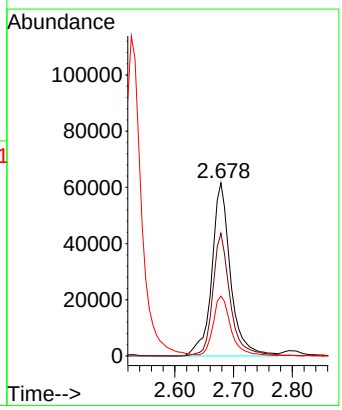


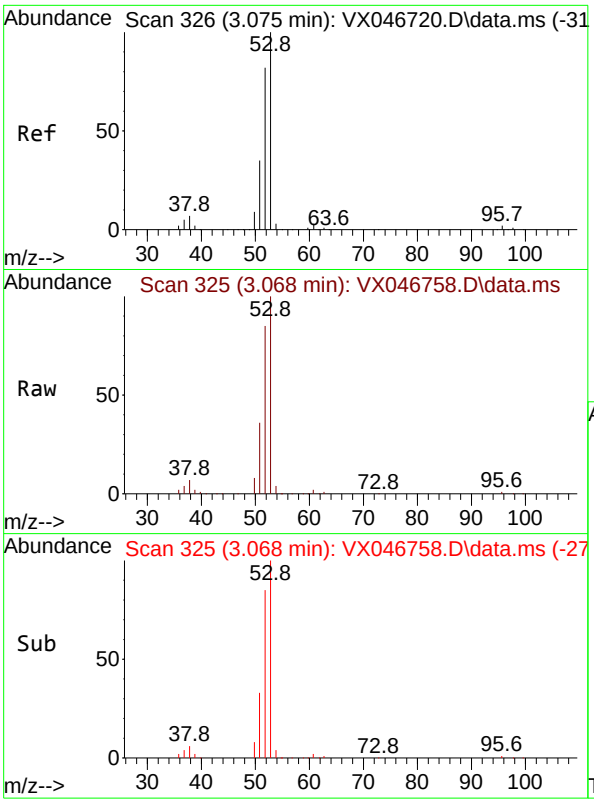


#14
Allyl chloride
Concen: 49.722 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 41 Resp: 136507

Ion	Ratio	Lower	Upper
41	100		
39	66.2	53.6	80.4
76	33.3	26.8	40.2



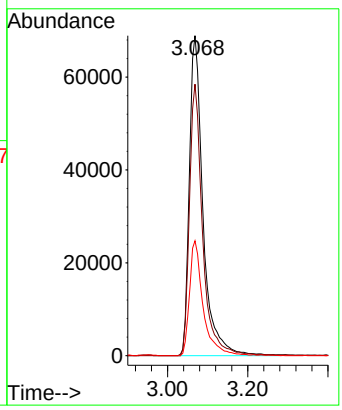


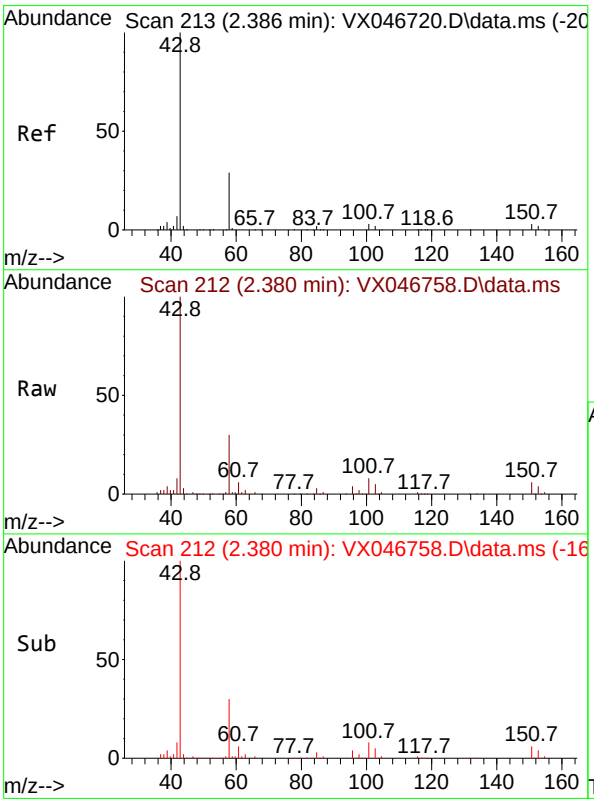
#15
Acrylonitrile
Concen: 212.474 ug/l
RT: 3.068 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 162714

Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.1	97.7
51	35.9	28.9	43.3

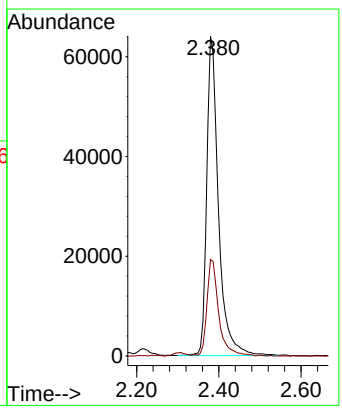


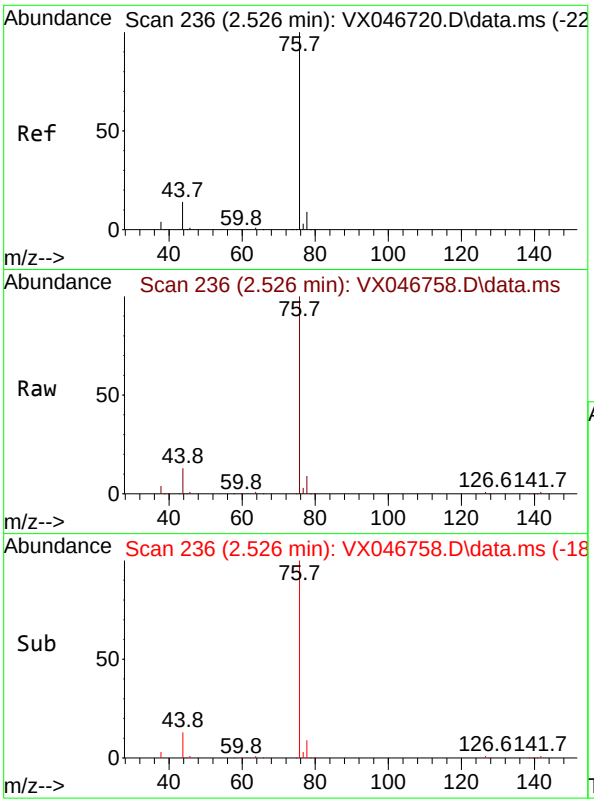


#16
Acetone
Concen: 200.776 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 127043

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.5	36.7



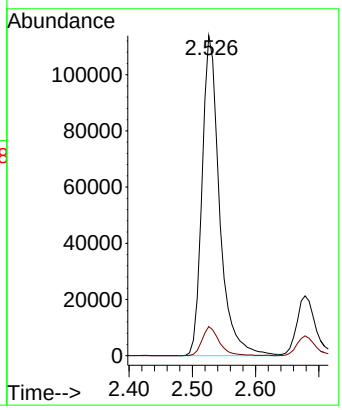


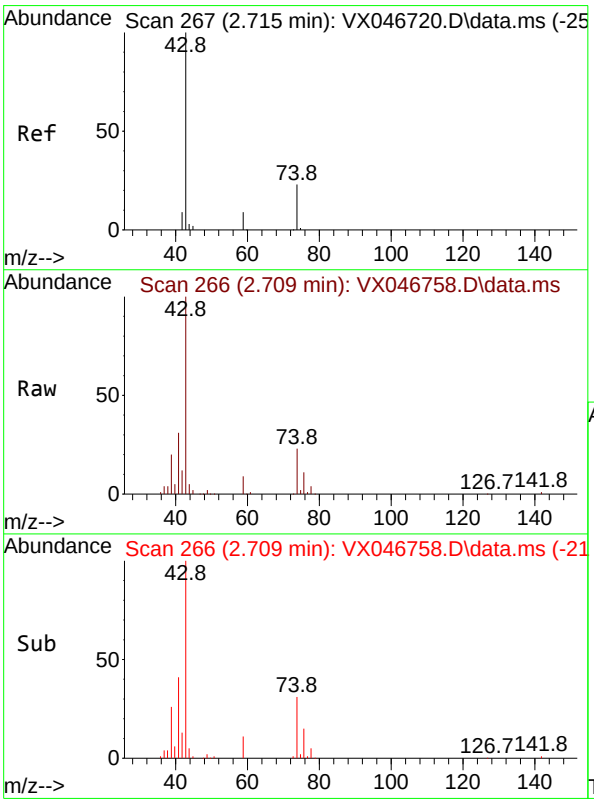
#17
Carbon Disulfide
Concen: 47.820 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 218810

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

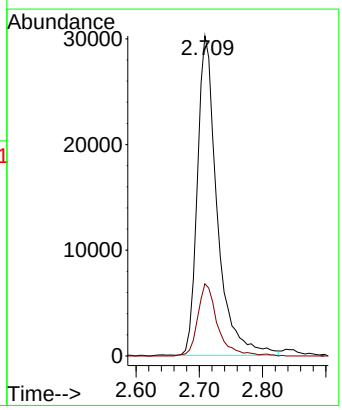


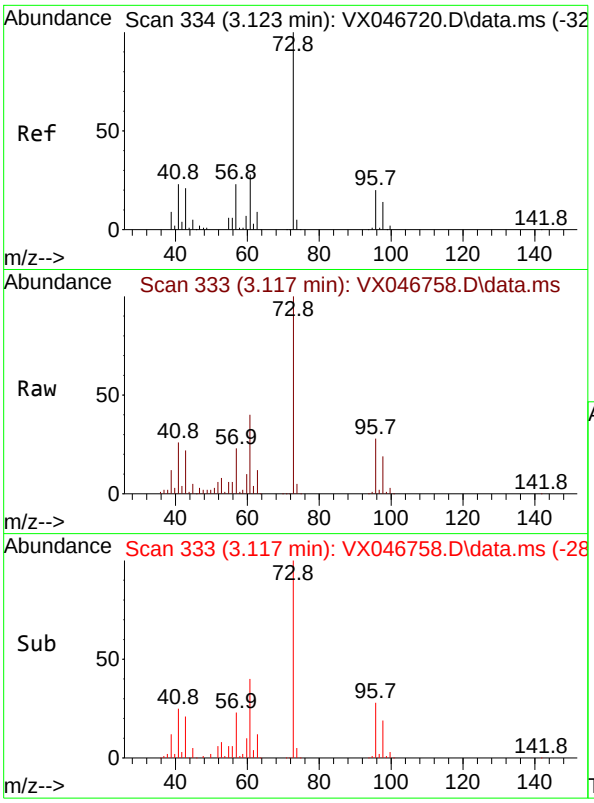


#18
Methyl Acetate
Concen: 40.975 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 65851

Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.4	27.6



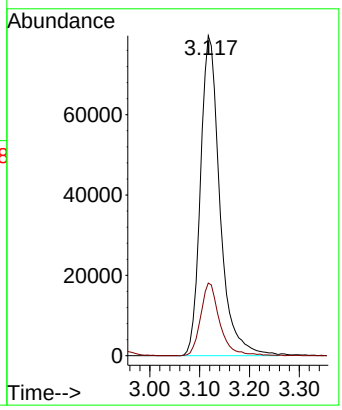


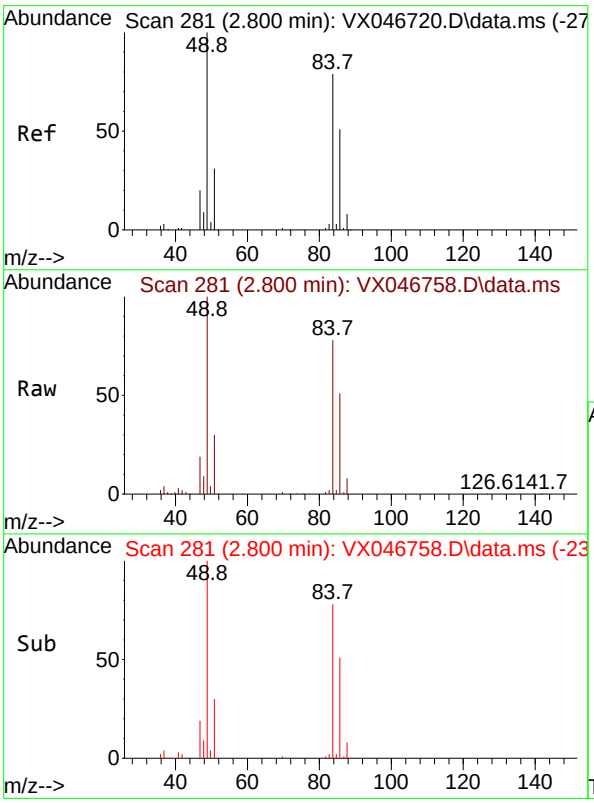
#19
Methyl tert-butyl Ether
Concen: 45.628 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 215275

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.2	27.2

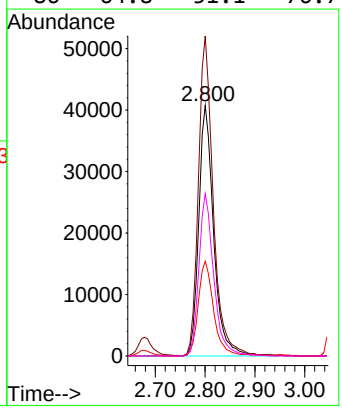


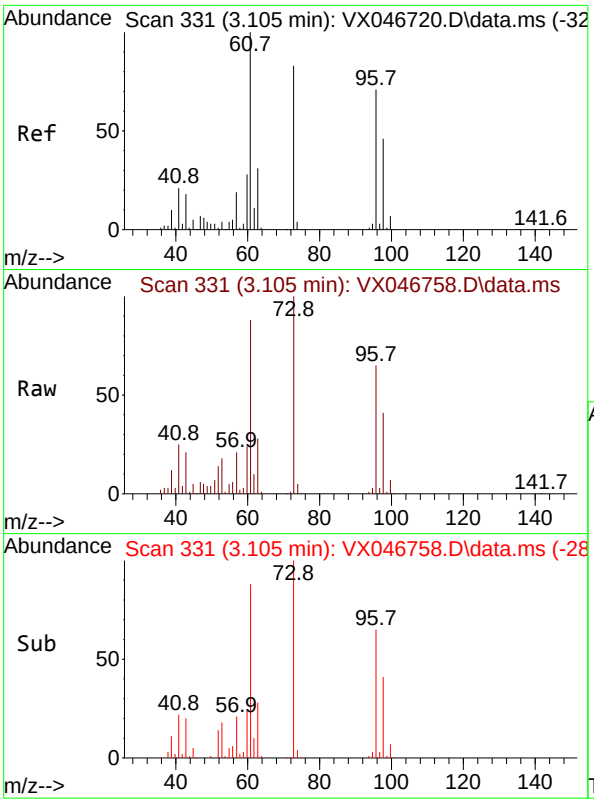


#20
Methylene Chloride
Concen: 48.158 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 84 Resp: 84742

Ion	Ratio	Lower	Upper
84	100		
49	127.5	101.3	151.9
51	37.8	31.0	46.6
86	64.8	51.1	76.7



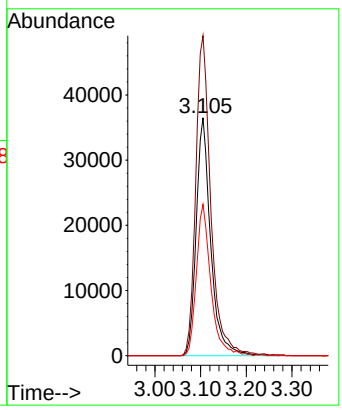


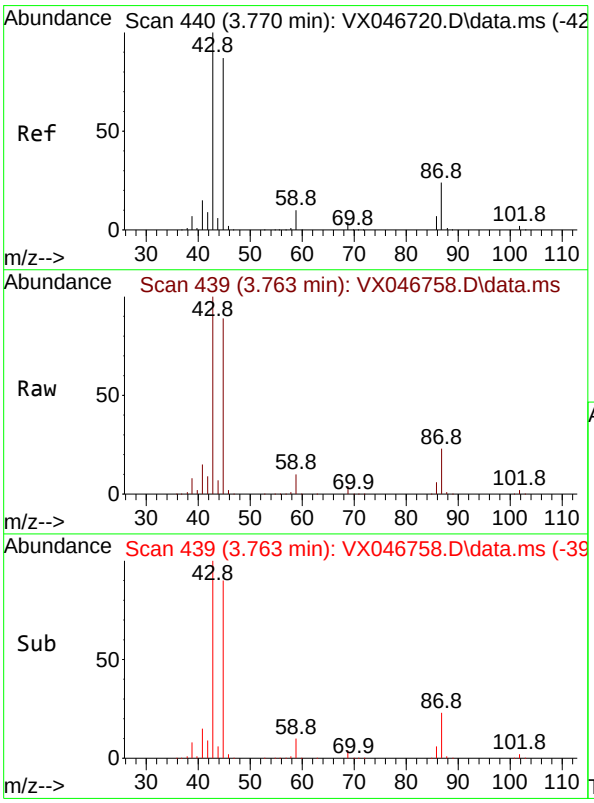
#21
trans-1,2-Dichloroethene
Concen: 49.698 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 80577

Ion	Ratio	Lower	Upper
96	100		
61	134.5	112.5	168.7
98	63.6	51.9	77.9

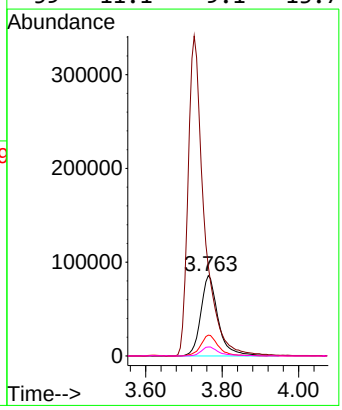


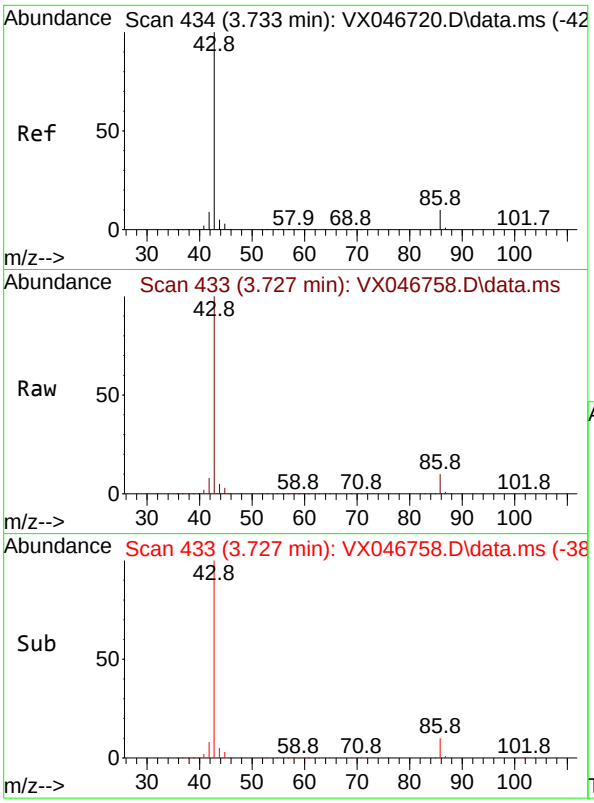


#22
Diisopropyl ether
Concen: 51.162 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 45 Resp: 269978

Ion	Ratio	Lower	Upper
45	100		
43	110.7	91.9	137.9
87	25.9	22.0	33.0
59	11.1	9.1	13.7



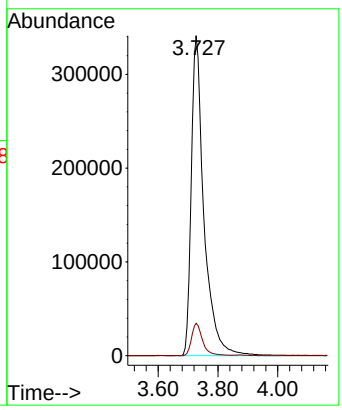


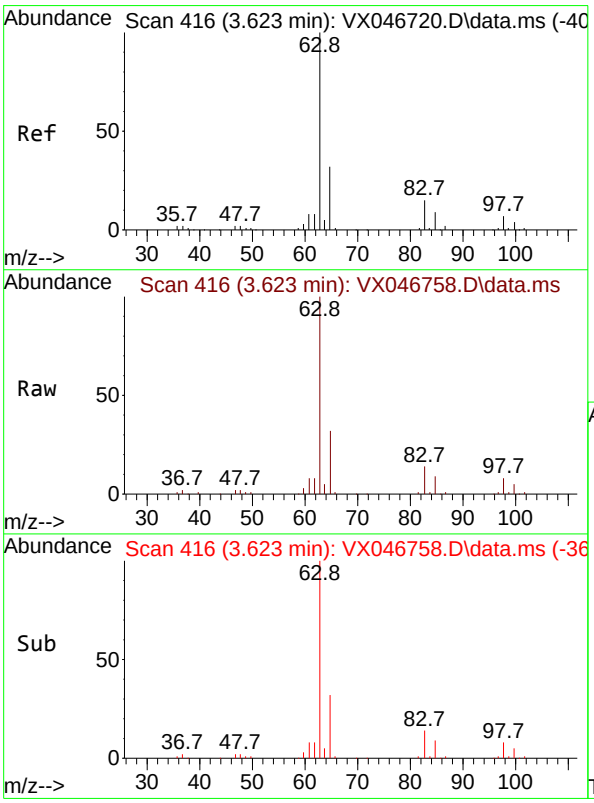
#23
Vinyl Acetate
Concen: 239.105 ug/l
RT: 3.727 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1003345

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

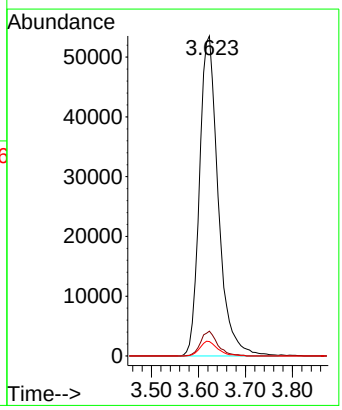


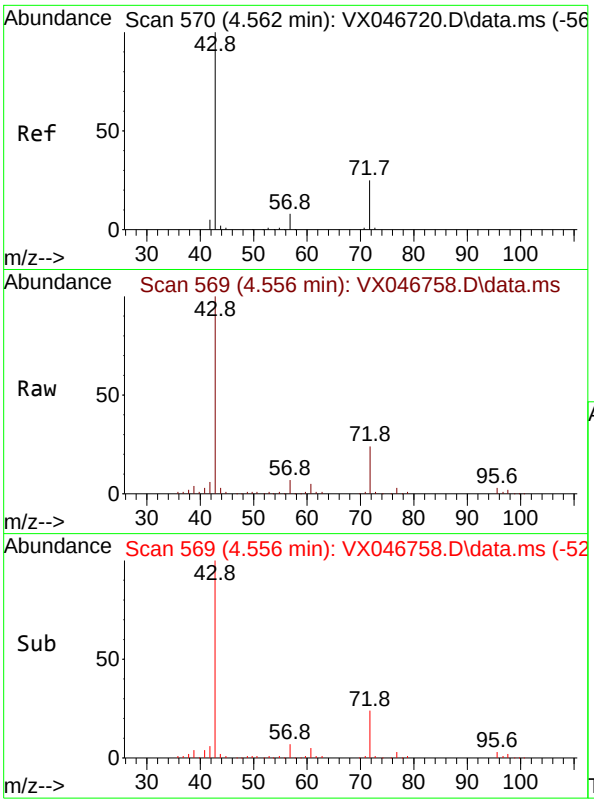


#24
1,1-Dichloroethane
Concen: 49.484 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 63 Resp: 148260

Ion	Ratio	Lower	Upper
63	100		
98	7.8	4.0	11.9
100	4.6	2.2	6.6



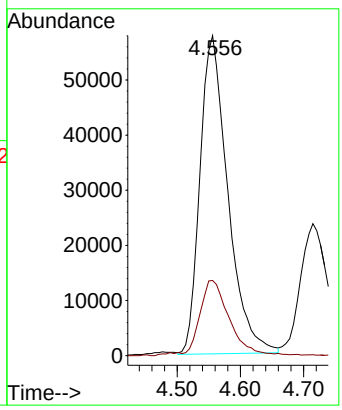


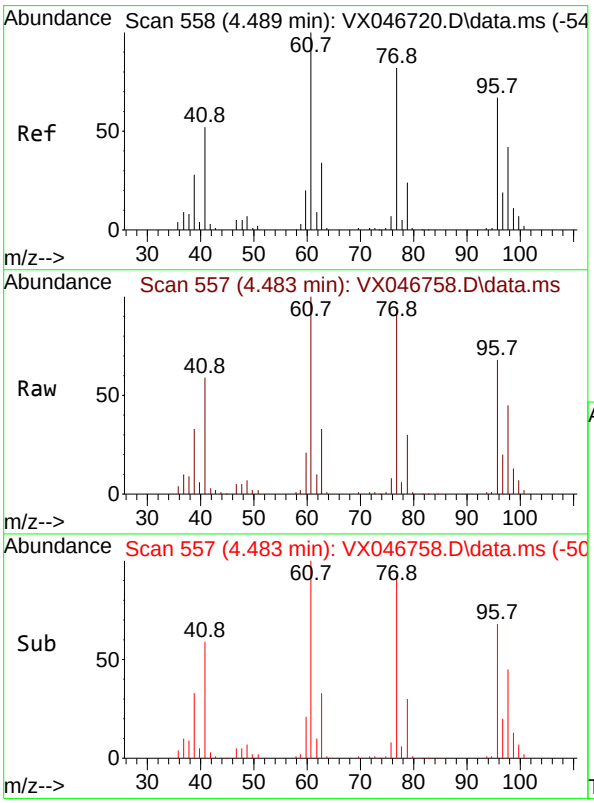
#25
2-Butanone
Concen: 197.843 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 177052

Ion	Ratio	Lower	Upper
43	100		
72	23.0	20.2	30.4

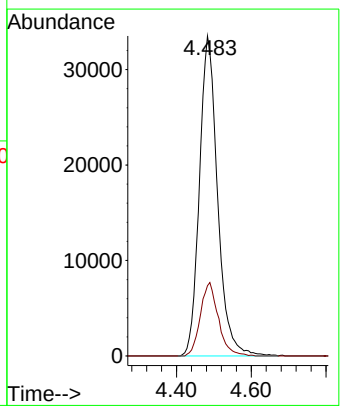


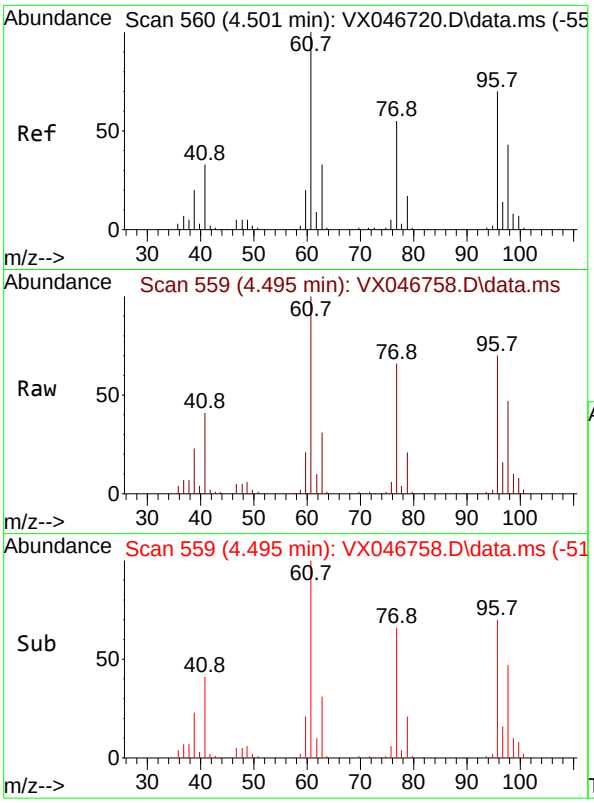


#26
2,2-Dichloropropane
Concen: 51.672 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 77 Resp: 112913

Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.8	35.3



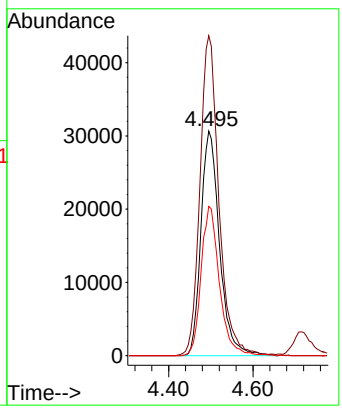


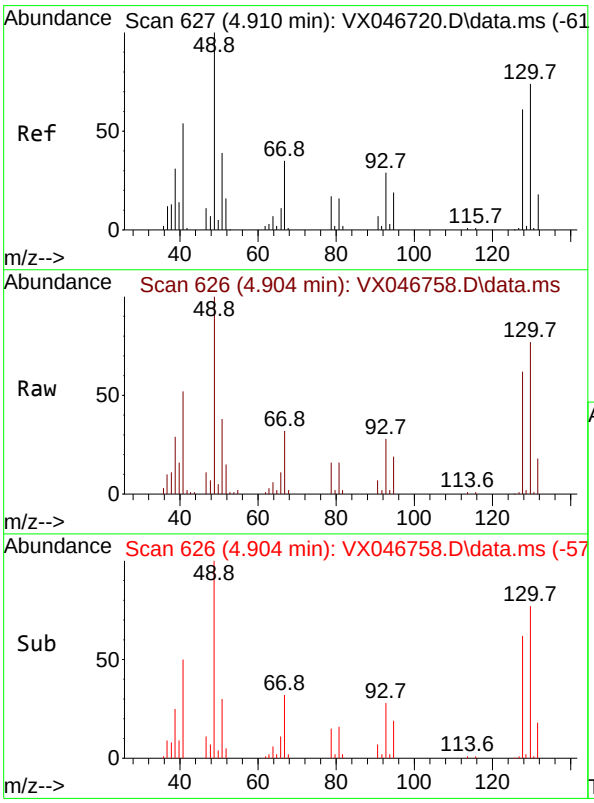
#27
cis-1,2-Dichloroethene
Concen: 49.415 ug/l
RT: 4.495 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 94126

Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	291.0
98	65.4	0.0	126.8

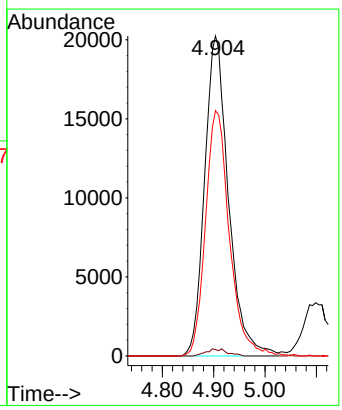


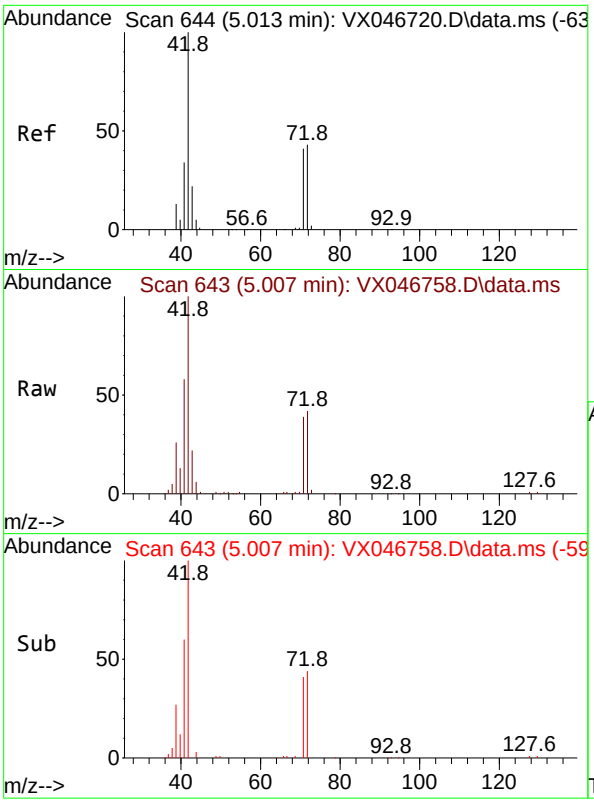


#28
Bromochloromethane
Concen: 48.047 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 49 Resp: 65263

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	76.8	61.4	92.0



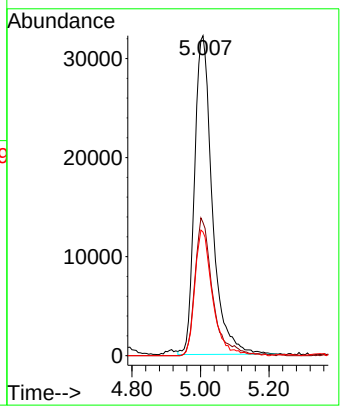


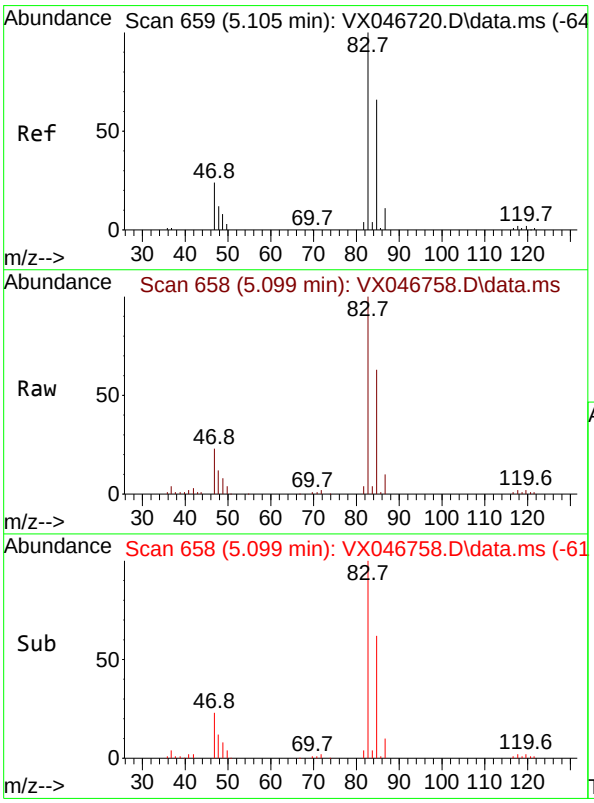
#29
Tetrahydrofuran
Concen: 200.958 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 116160

Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.9	52.3
71	39.1	32.2	48.2

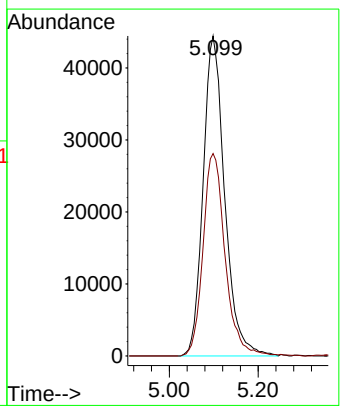


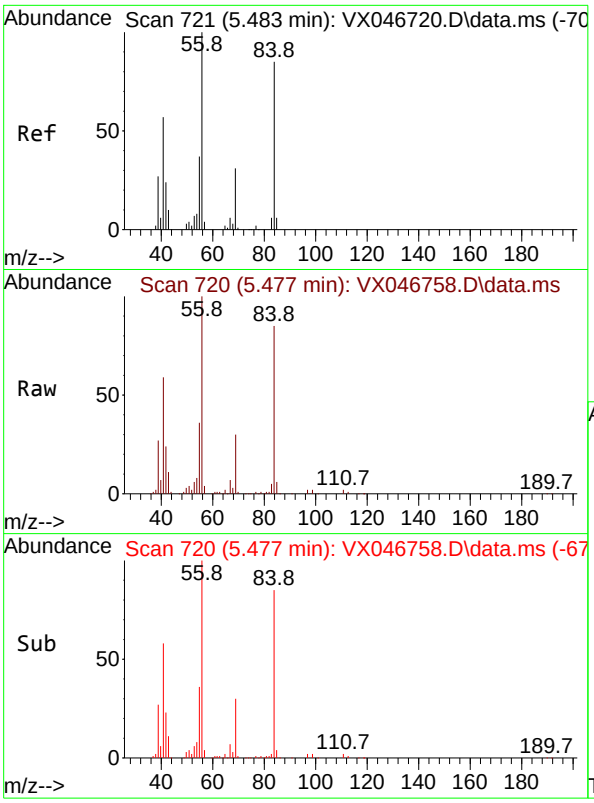


#30
Chloroform
Concen: 50.036 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 83 Resp: 149922

Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.7	80.5



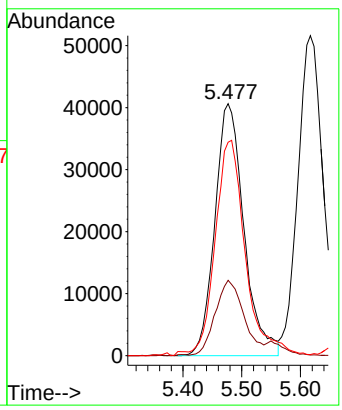


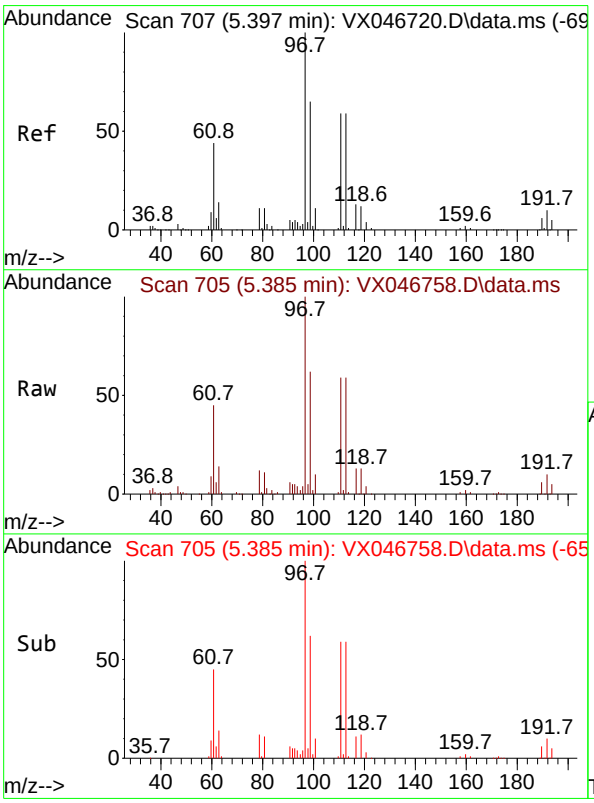
#31
Cyclohexane
Concen: 49.142 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 139626

Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.8	37.2
84	82.9	68.2	102.2

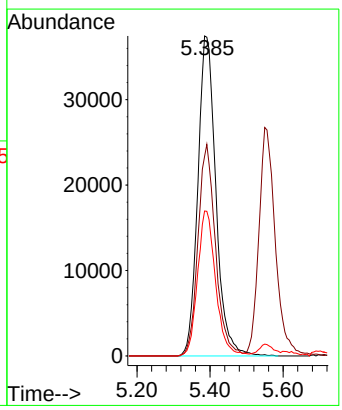


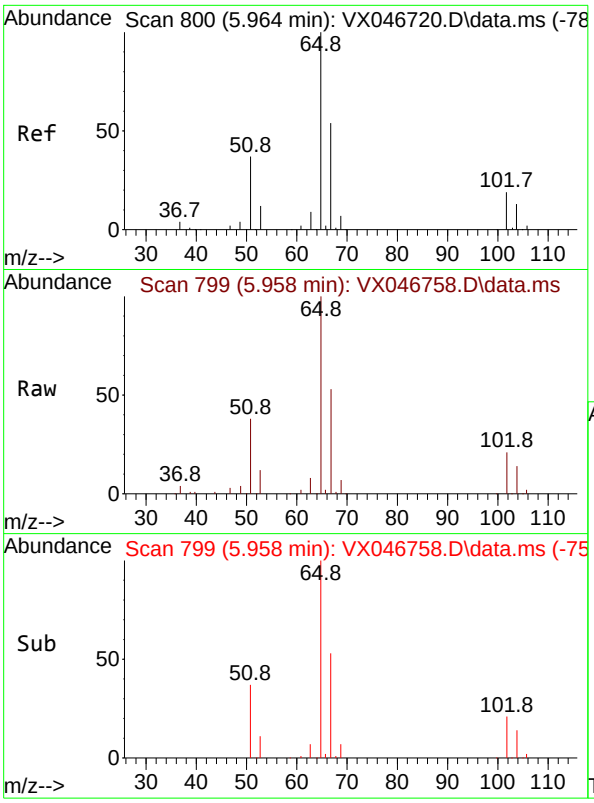


#32
1,1,1-Trichloroethane
Concen: 49.003 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 97 Resp: 128769

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	45.4	36.4	54.6



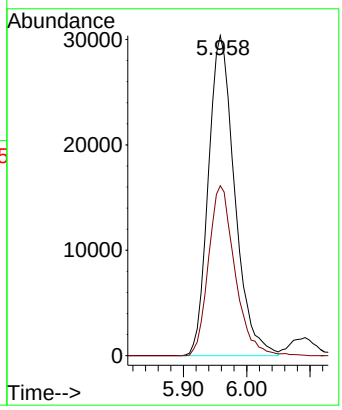


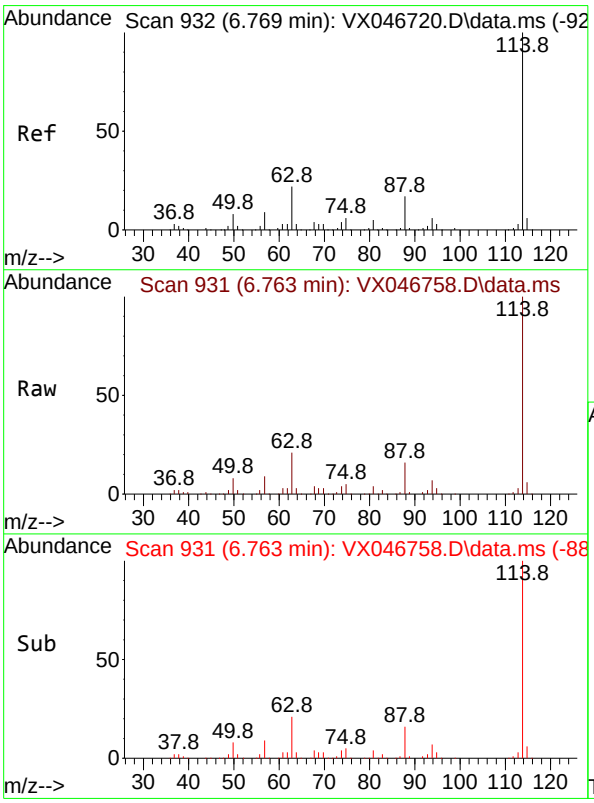
#33
1,2-Dichloroethane-d4
Concen: 46.187 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 87638

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.4

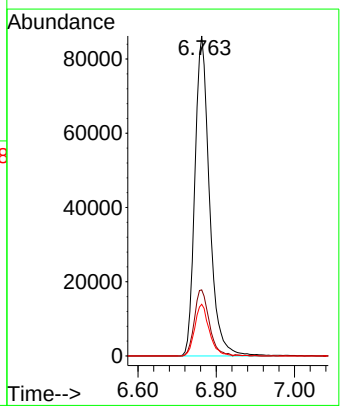


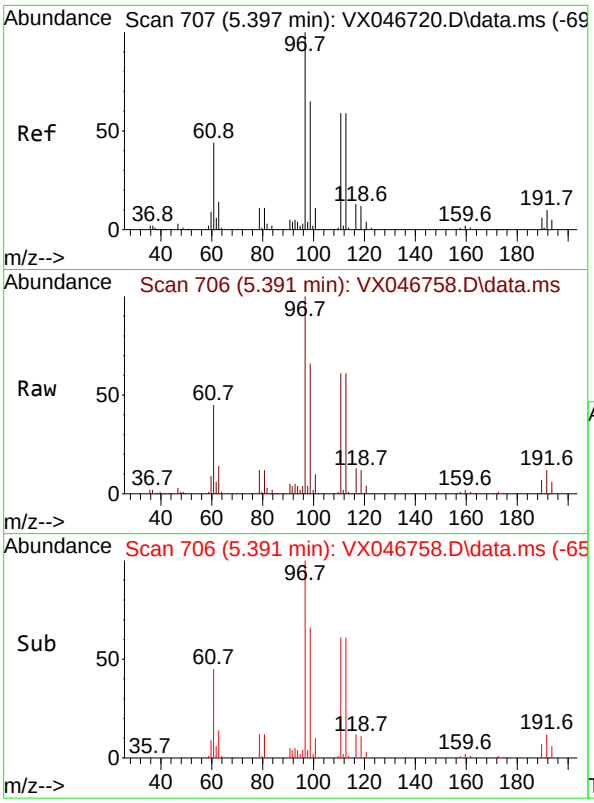


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:114 Resp: 224265

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.2
88	16.2	0.0	33.2



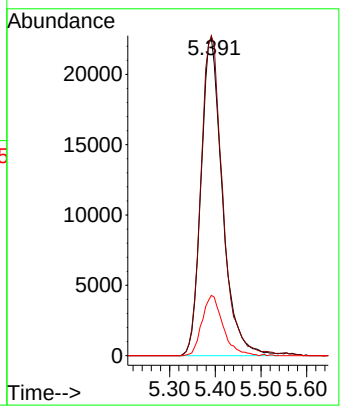


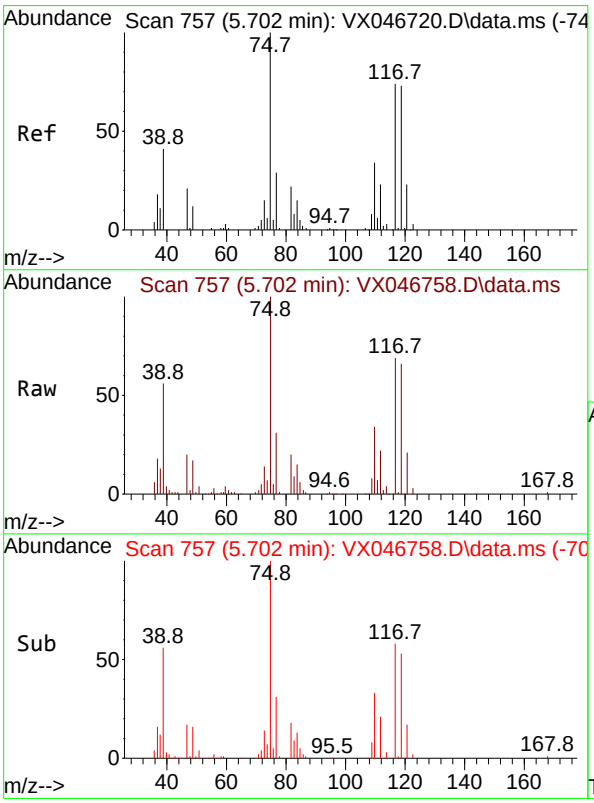
#35
Dibromofluoromethane
Concen: 49.476 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 73413

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	18.6	15.3	22.9

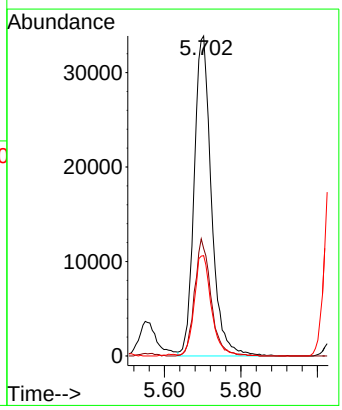


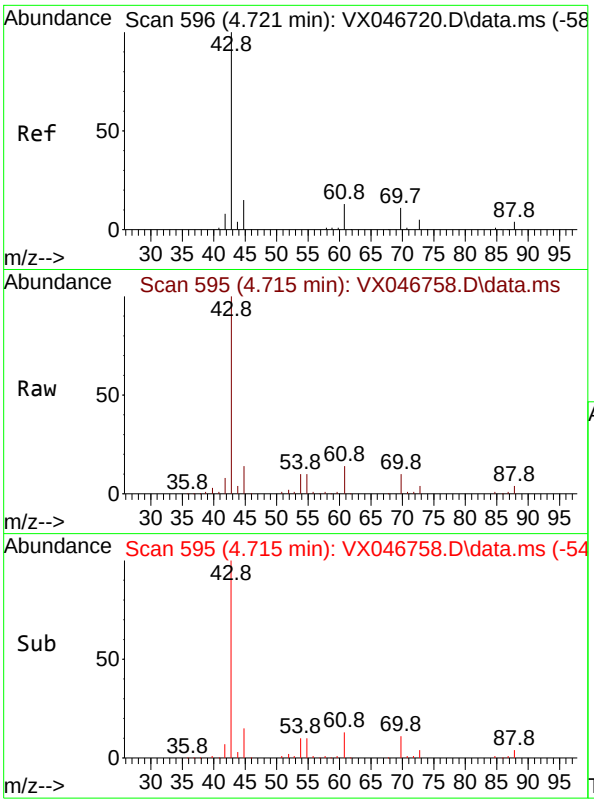


#36
1,1-Dichloropropene
Concen: 49.493 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 75 Resp: 106011

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.2	51.5
77	31.2	24.2	36.4



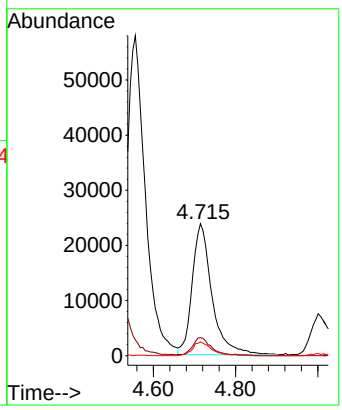


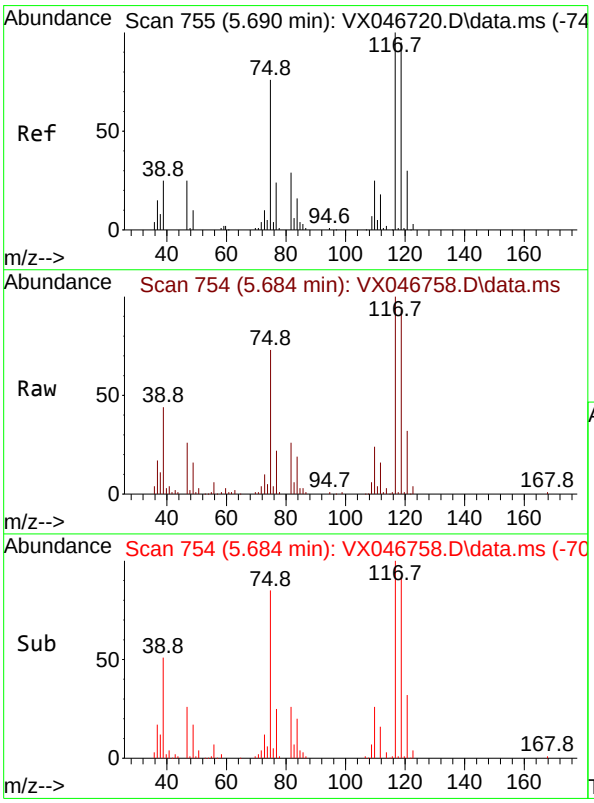
#37
Ethyl Acetate
Concen: 40.121 ug/l
RT: 4.715 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 79324

Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.7	14.5
70	10.2	8.1	12.1

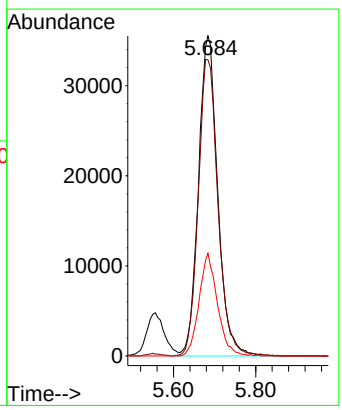


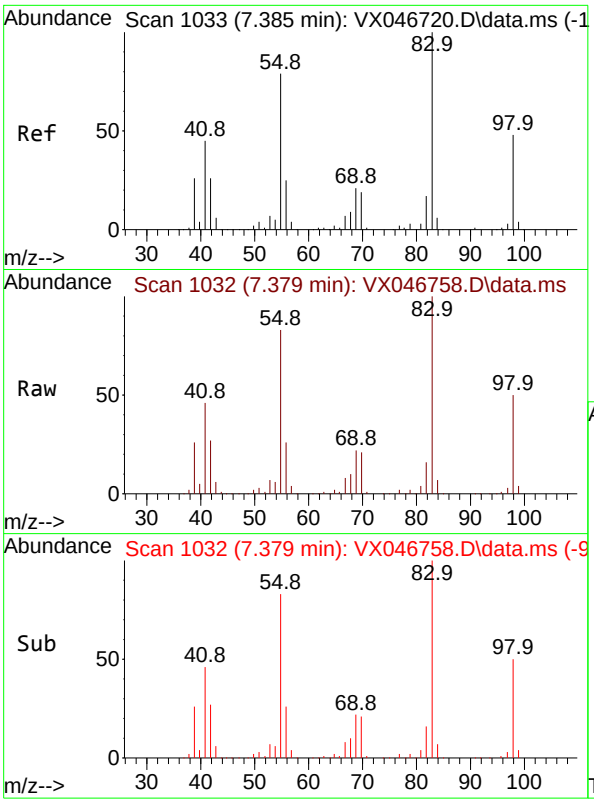


#38
Carbon Tetrachloride
Concen: 49.715 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:117 Resp: 115565

Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.2	112.8
121	32.1	24.1	36.1



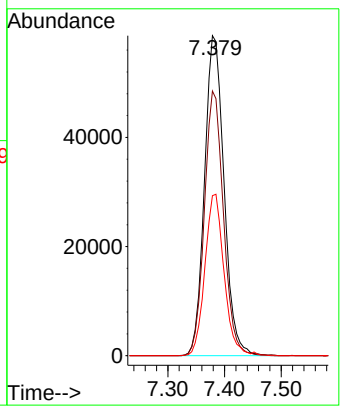


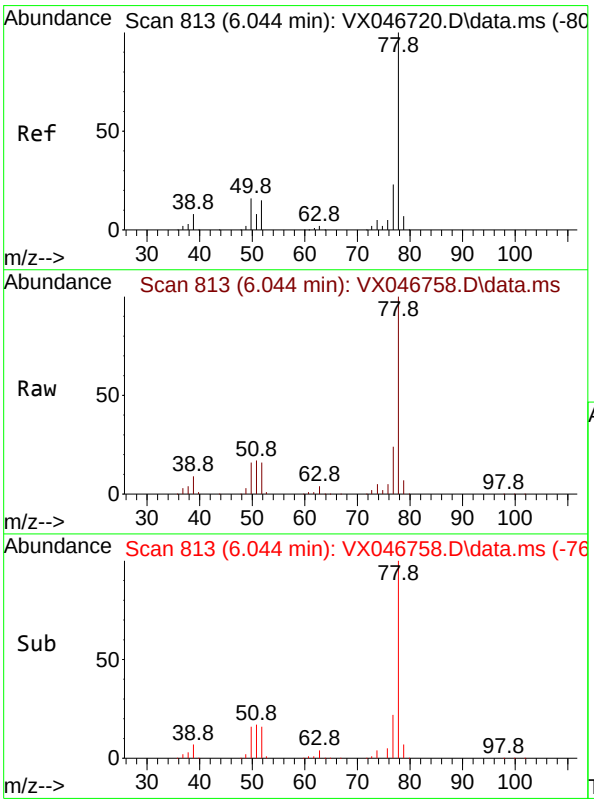
#39
Methylcyclohexane
Concen: 49.848 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 140502

Ion	Ratio	Lower	Upper
83	100		
55	82.7	63.0	94.4
98	50.0	38.8	58.2

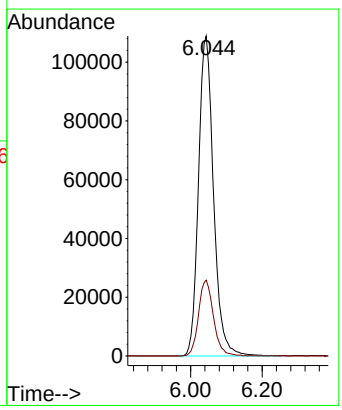


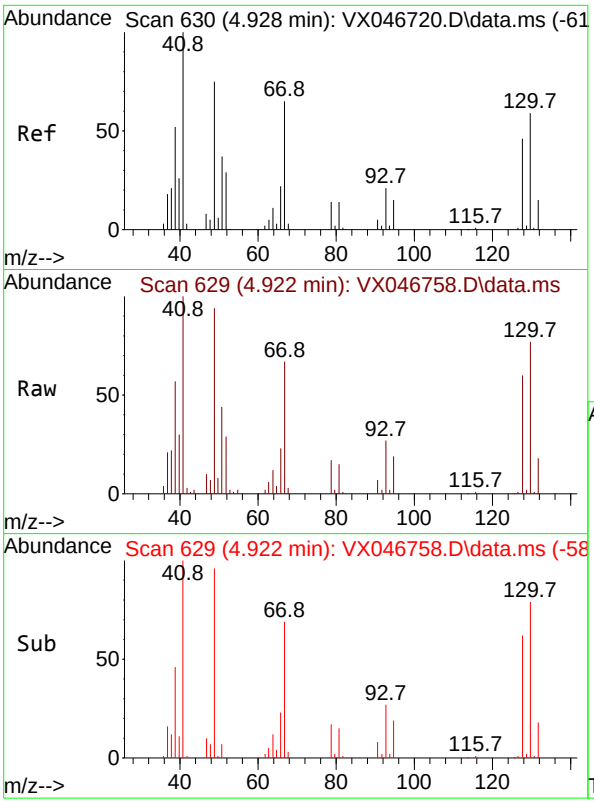


#40
Benzene
Concen: 50.074 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 78 Resp: 317423

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2



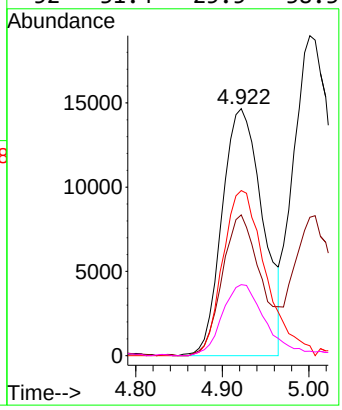


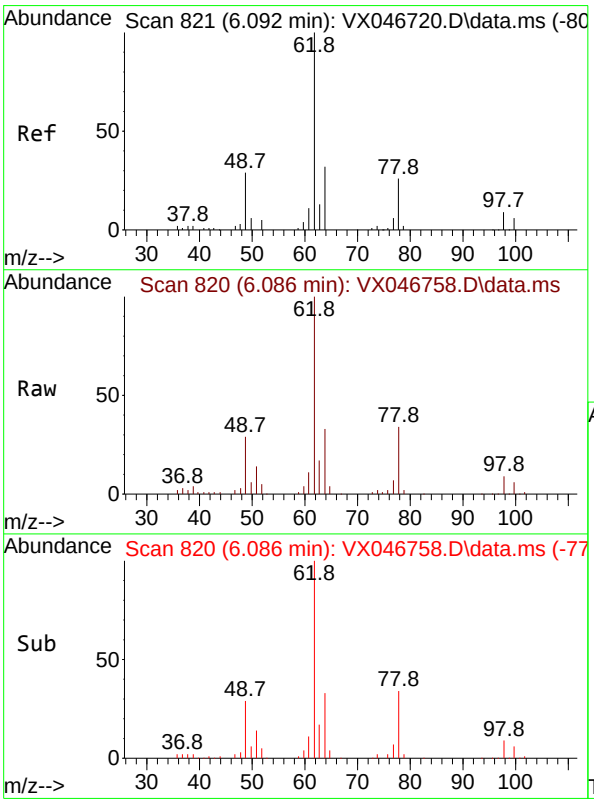
#41
Methacrylonitrile
Concen: 45.417 ug/l
RT: 4.922 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 47871

Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.9	68.9
67	70.2	61.2	91.8
52	31.4	25.5	38.3

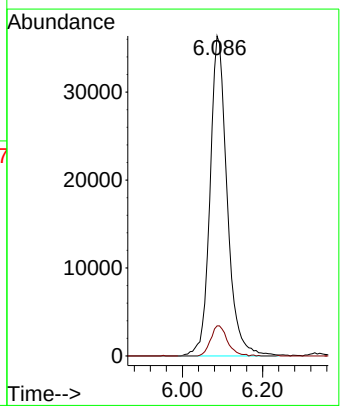


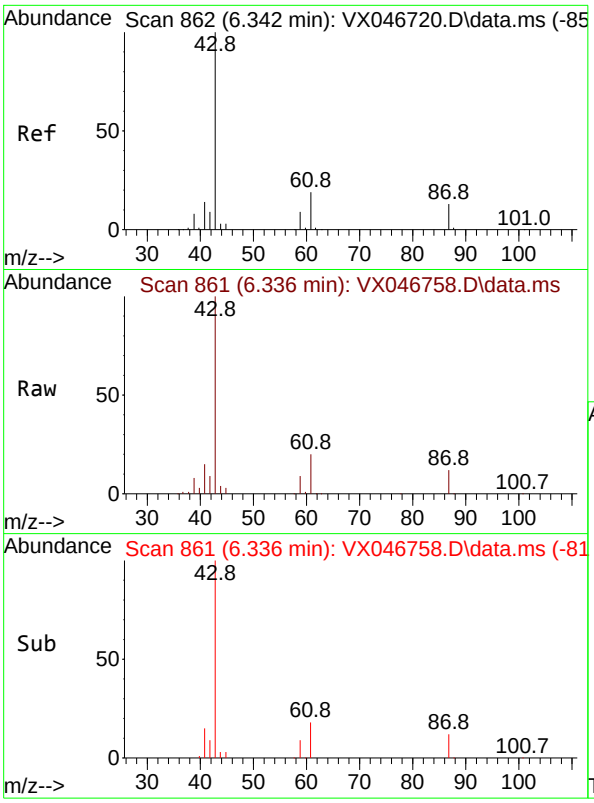


#42
1,2-Dichloroethane
Concen: 48.452 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 62 Resp: 107931

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8



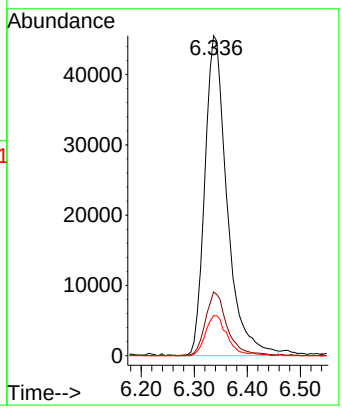


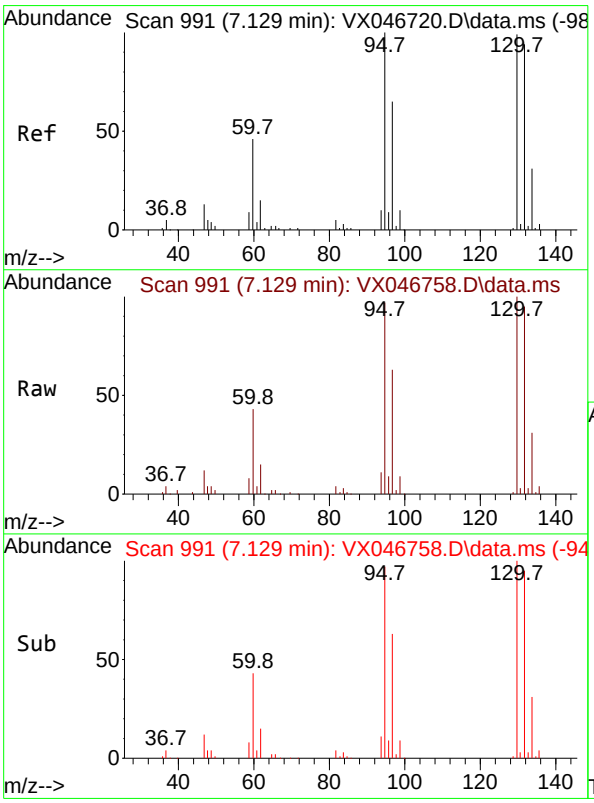
#43
Isopropyl Acetate
Concen: 42.935 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 132833

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.3	22.9
87	12.3	10.0	15.0

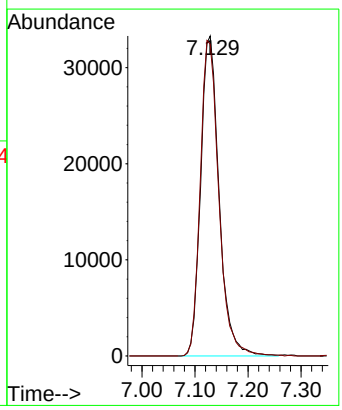


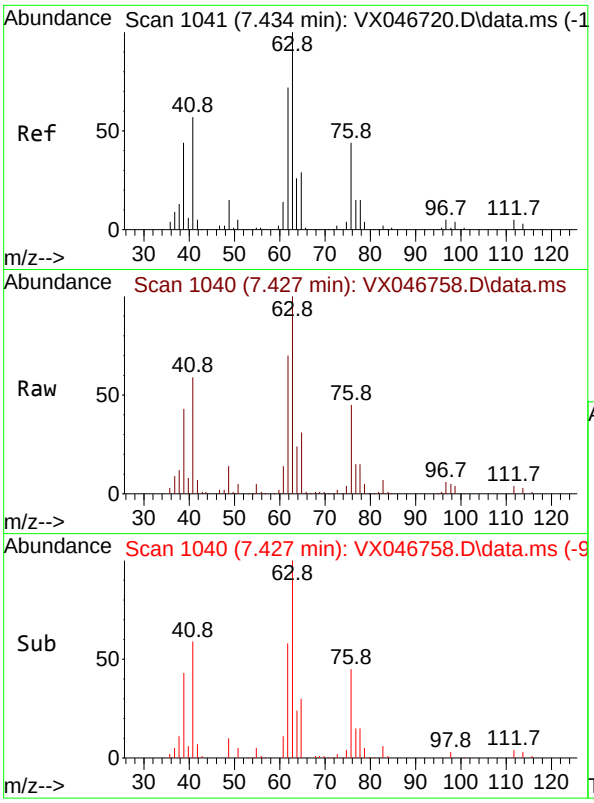


#44
Trichloroethene
Concen: 49.599 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:130 Resp: 80127

Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	202.6



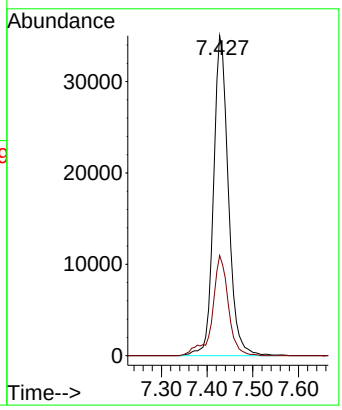


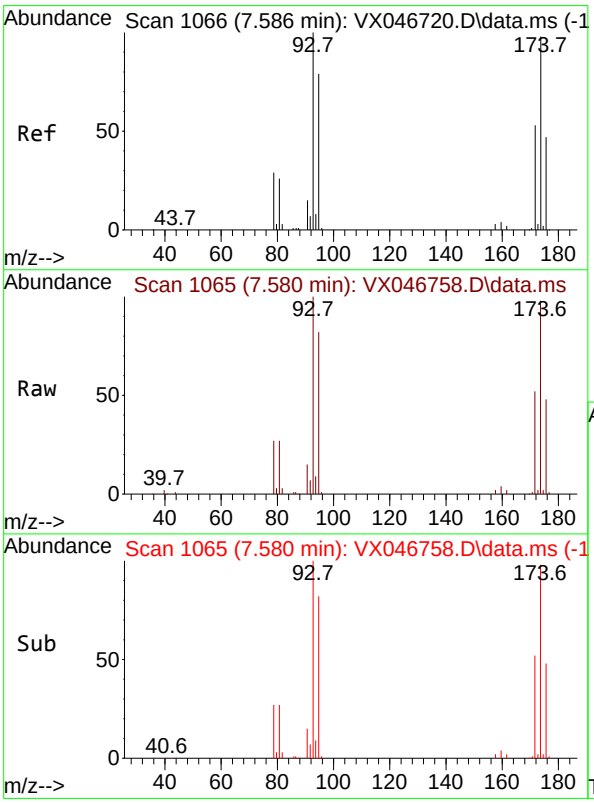
#45
1,2-Dichloropropane
Concen: 50.385 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 79156

Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.9	34.3

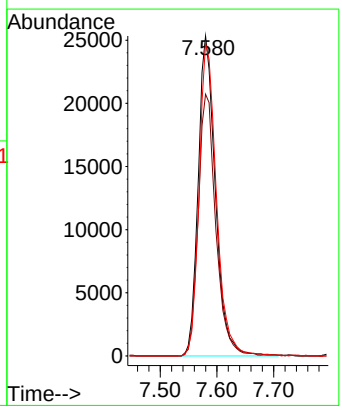


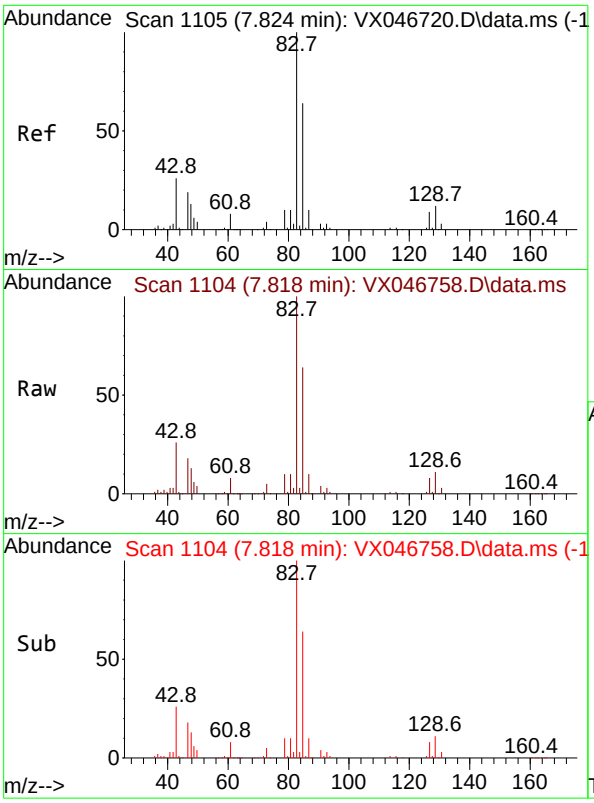


#46
Dibromomethane
Concen: 47.295 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 93 Resp: 53399

Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.2	99.4
174	98.2	77.0	115.6



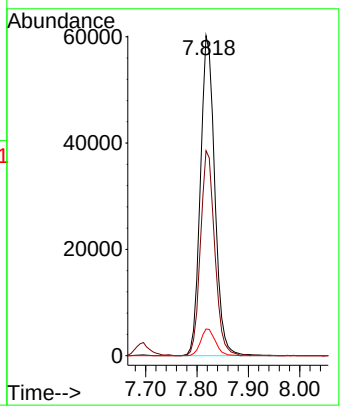


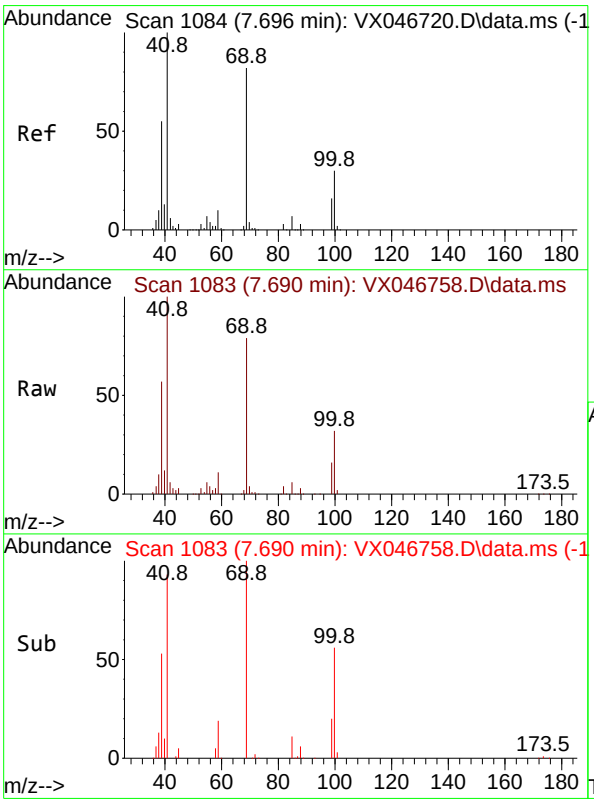
#47
Bromodichloromethane
Concen: 50.703 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 116822

Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.4	77.2
127	8.3	6.9	10.3

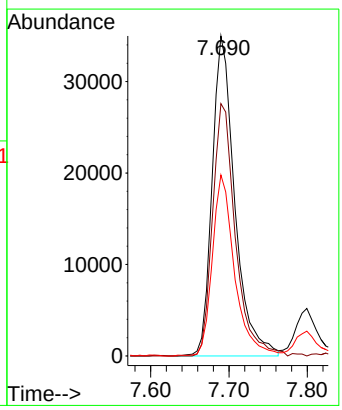


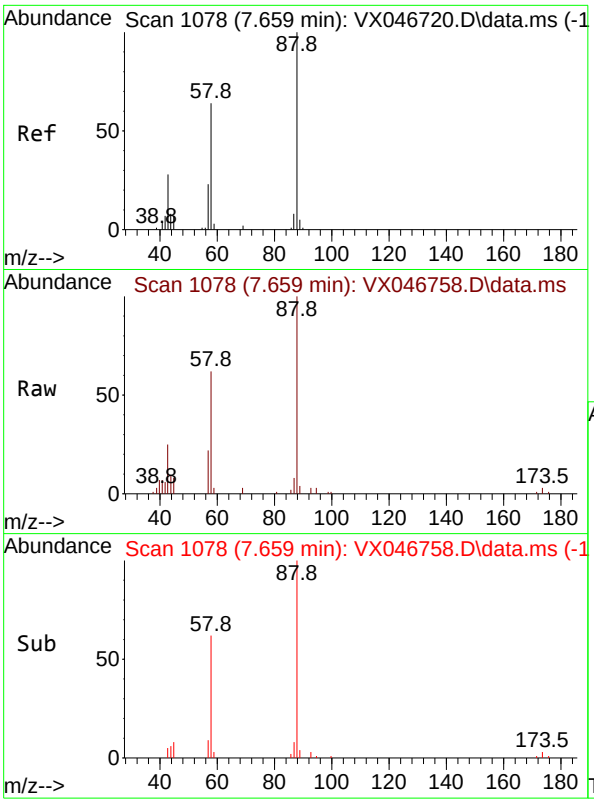


#48
Methyl methacrylate
Concen: 45.316 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 41 Resp: 70314

Ion	Ratio	Lower	Upper
41	100		
69	79.5	63.4	95.2
39	55.5	45.4	68.0



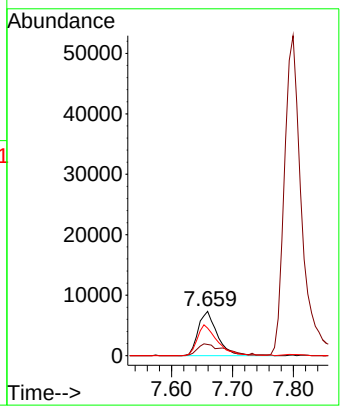


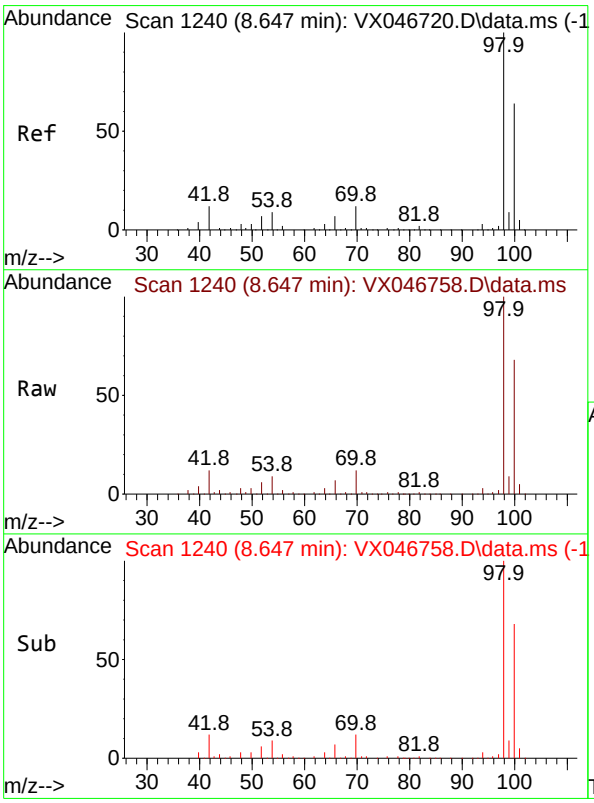
#49
1,4-Dioxane
Concen: 714.909 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 15950

Ion	Ratio	Lower	Upper
88	100		
43	37.3	31.2	46.8
58	72.4	54.7	82.1

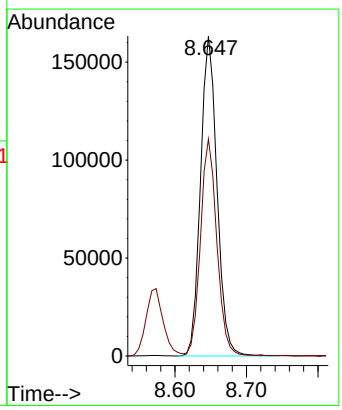


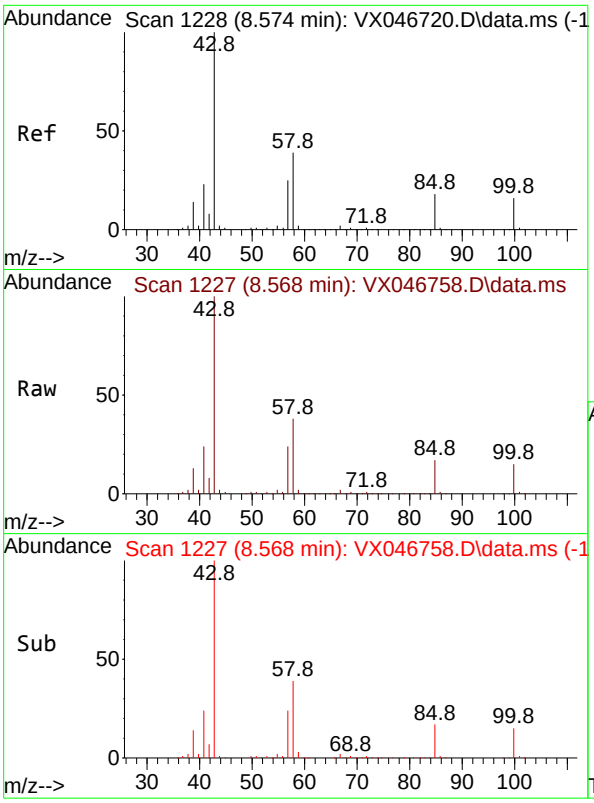


#50
Toluene-d8
Concen: 49.067 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 98 Resp: 261576

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.4



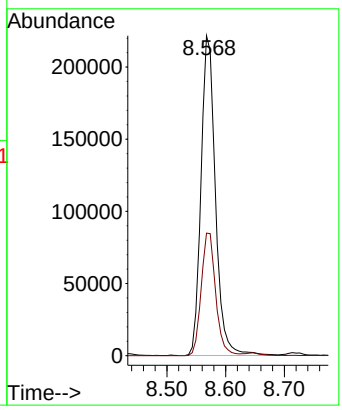


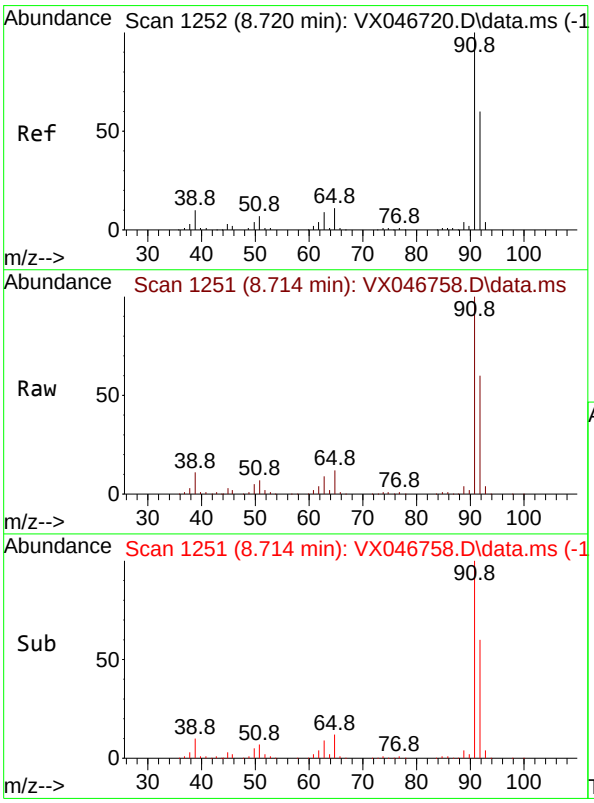
#51
4-Methyl-2-Pentanone
Concen: 205.777 ug/l
RT: 8.568 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 379704

Ion	Ratio	Lower	Upper
43	100		
58	38.4	30.8	46.2

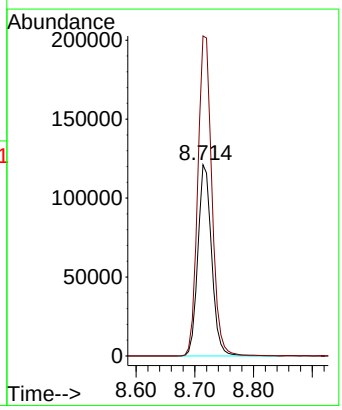


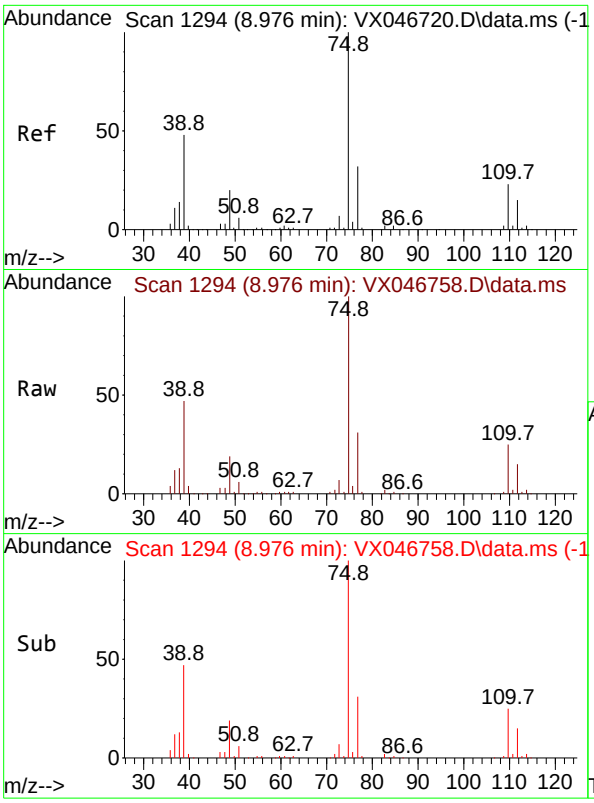


#52
Toluene
Concen: 50.025 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 92 Resp: 196587

Ion	Ratio	Lower	Upper
92	100		
91	171.9	134.8	202.2



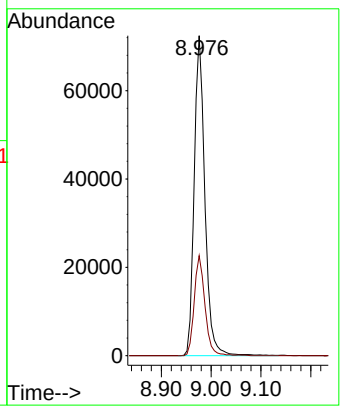


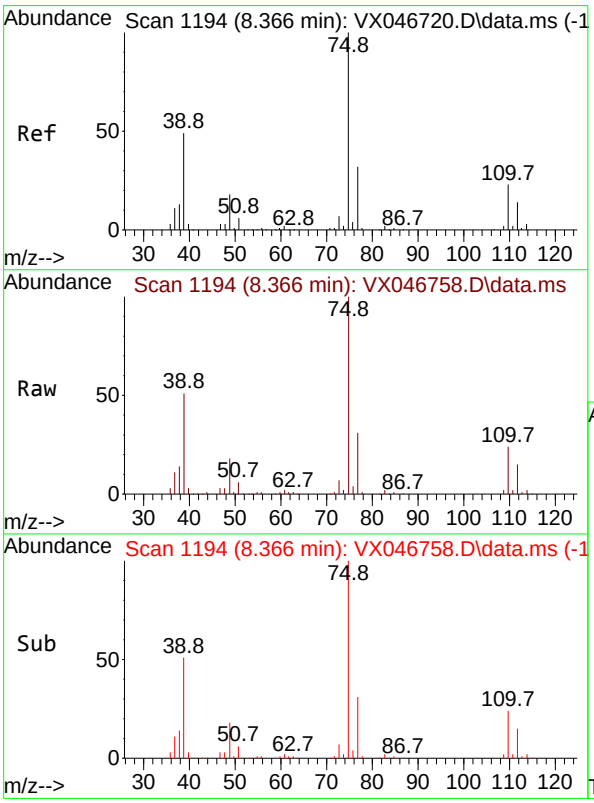
#53
t-1,3-Dichloropropene
Concen: 50.420 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 107788

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.6	38.4

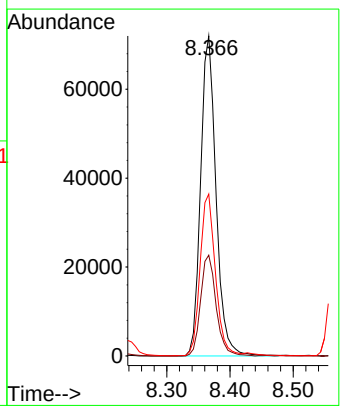


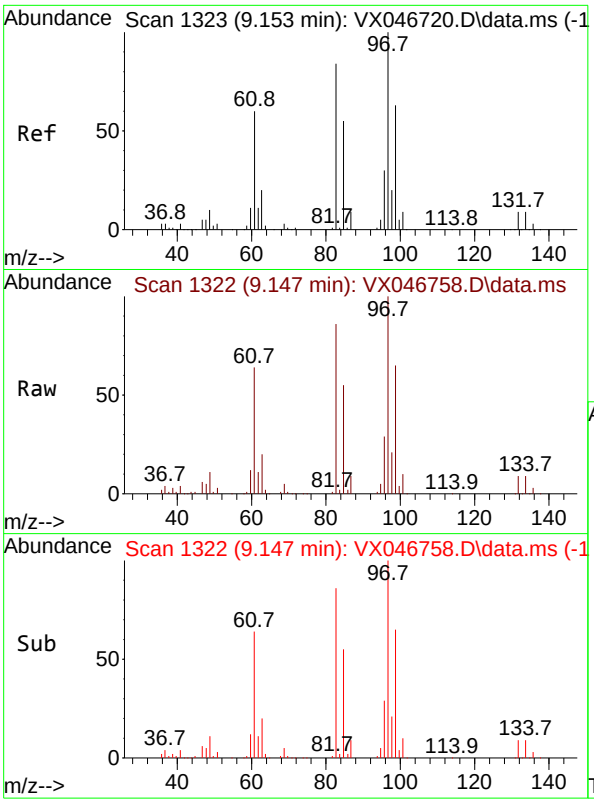


#54
cis-1,3-Dichloropropene
Concen: 50.333 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 75 Resp: 122151

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	50.5	39.2	58.8



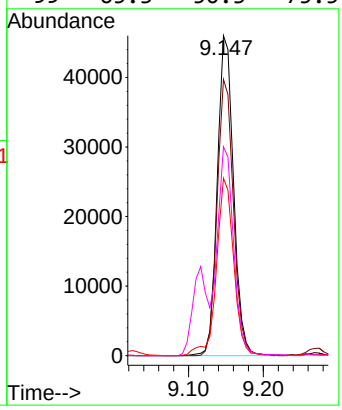


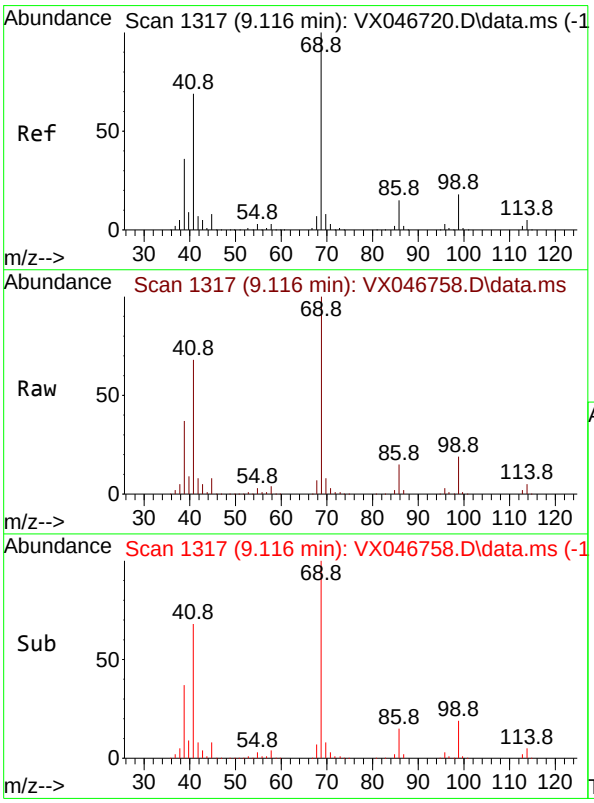
#55
1,1,2-Trichloroethane
Concen: 47.614 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 69729

Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.2	100.8
85	55.4	44.1	66.1
99	65.3	50.3	75.5

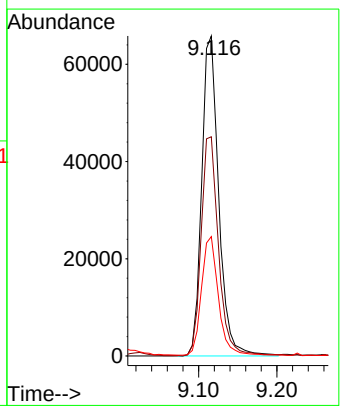


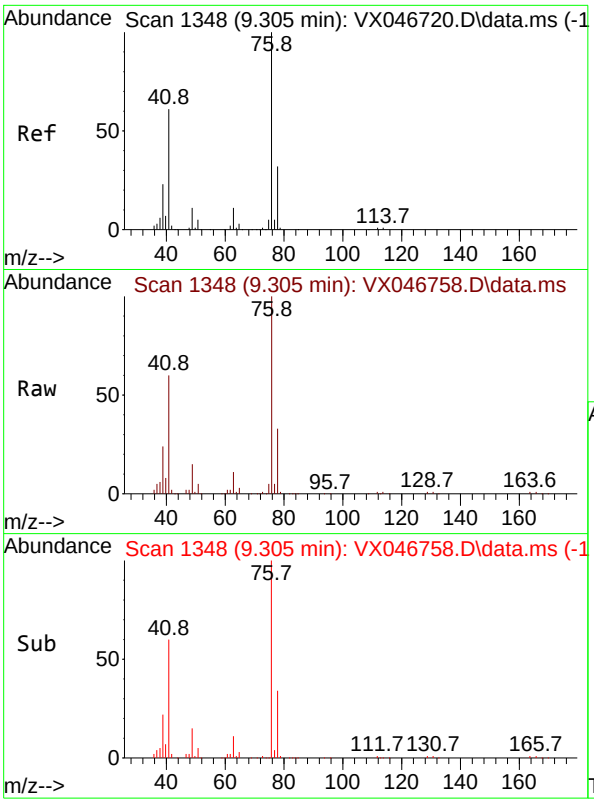


#56
Ethyl methacrylate
Concen: 45.899 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 69 Resp: 99225

Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.4	83.2
39	37.1	29.7	44.5



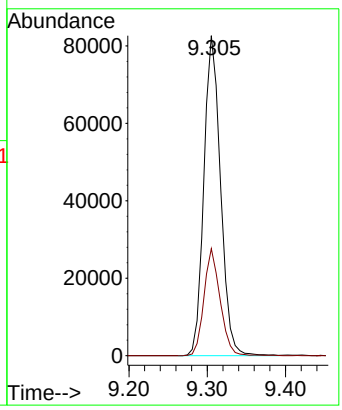


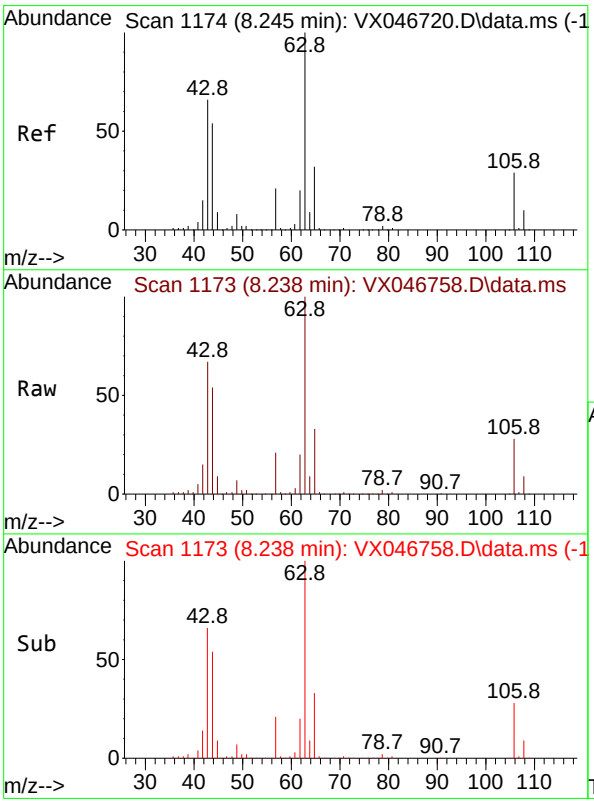
#57
1,3-Dichloropropane
Concen: 48.408 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 122083

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.7	38.5

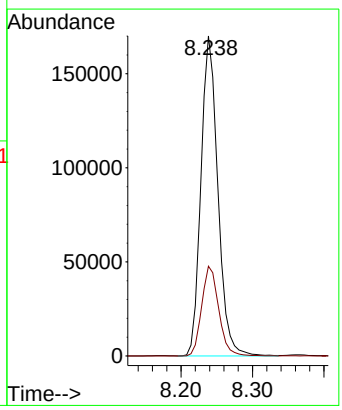


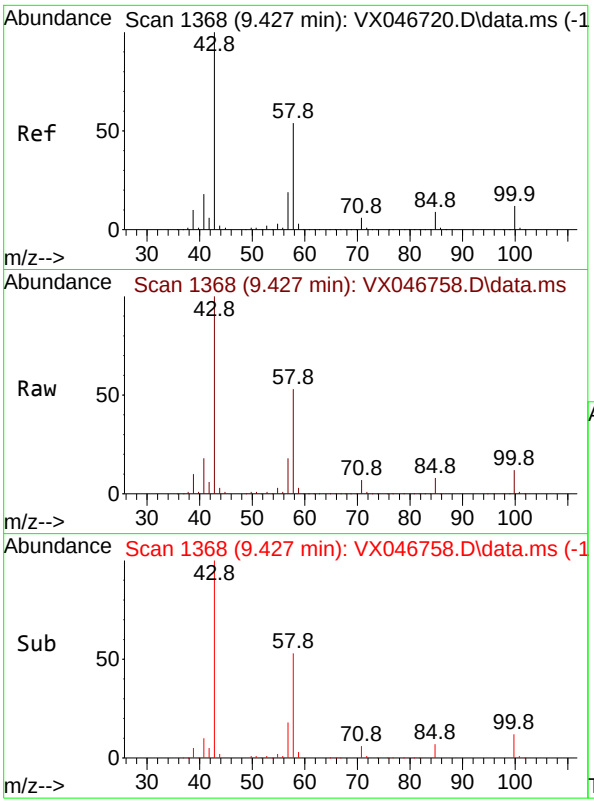


#58
2-Chloroethyl Vinyl ether
Concen: 248.797 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 63 Resp: 279394

Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.6	34.0



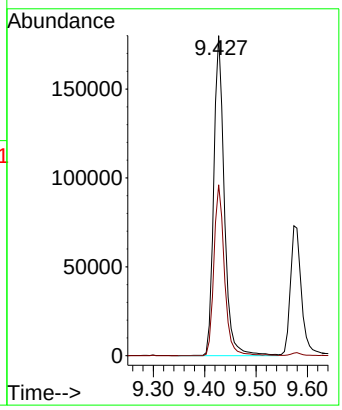


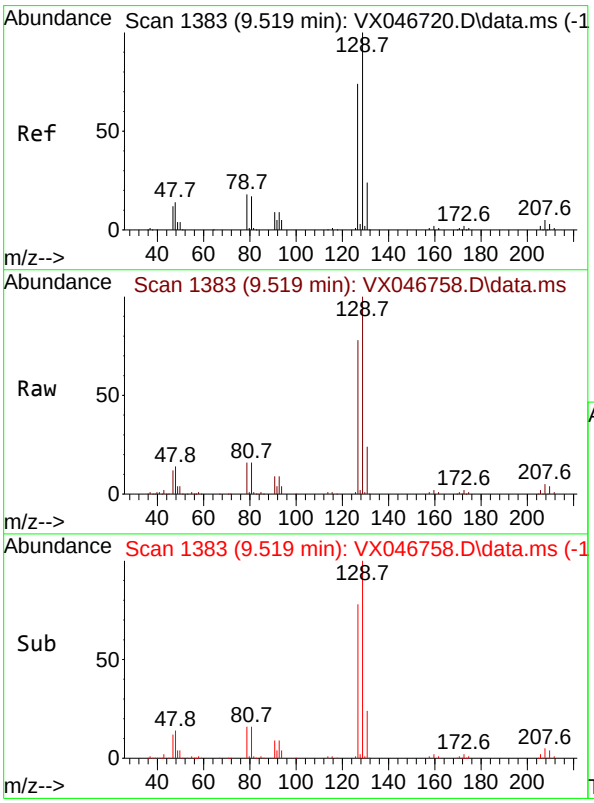
#59
2-Hexanone
Concen: 201.475 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 257015

Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.8	80.4

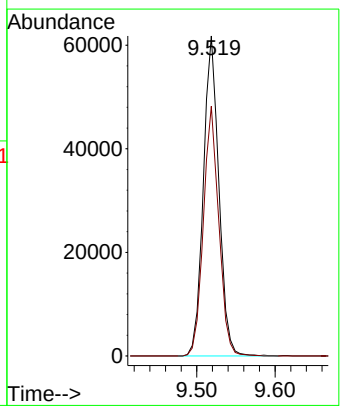


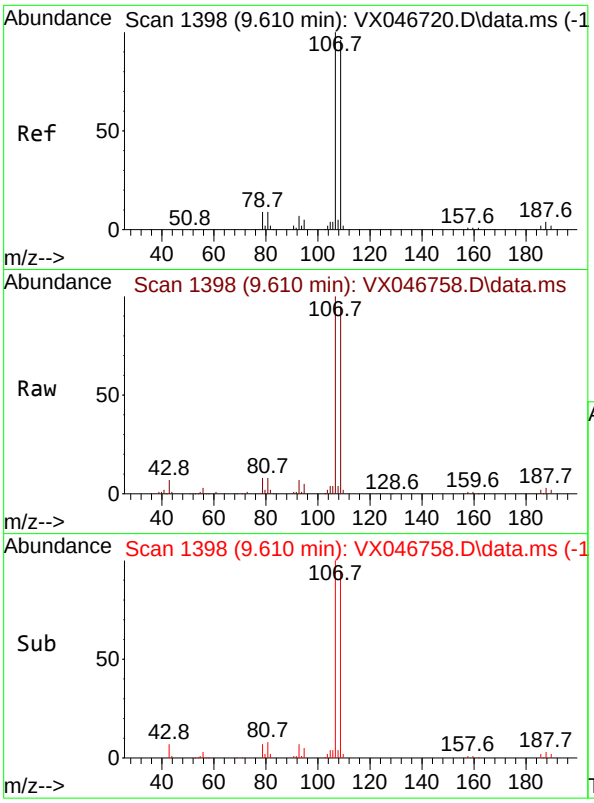


#60
Dibromochloromethane
Concen: 49.021 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:129 Resp: 84603

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.4	115.2



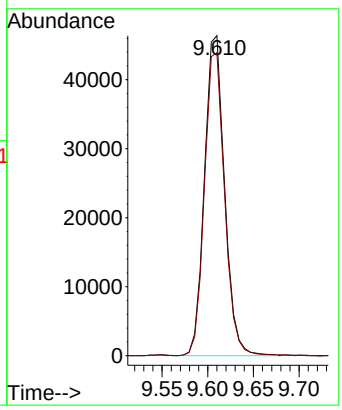


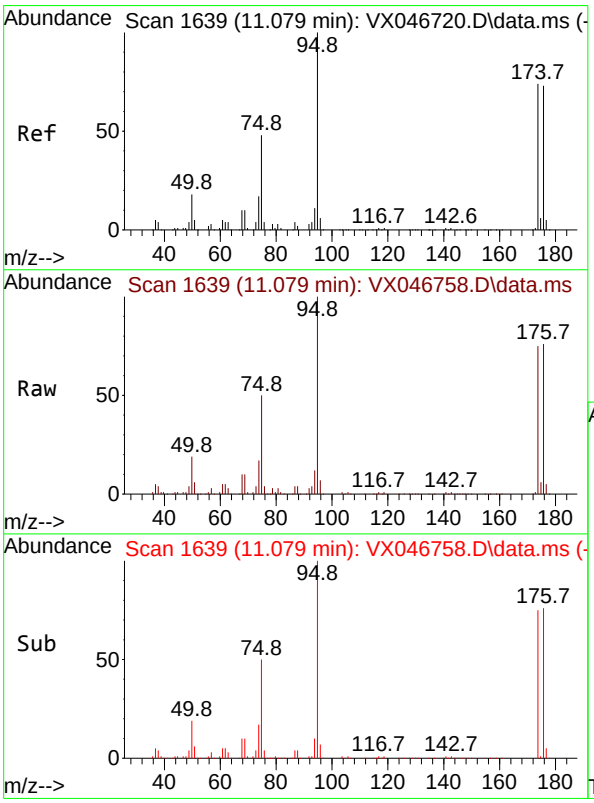
#61
1,2-Dibromoethane
Concen: 47.653 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 70987

Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.8	113.6

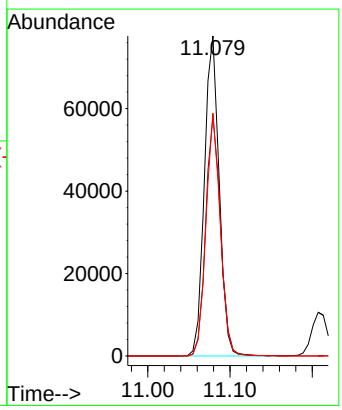


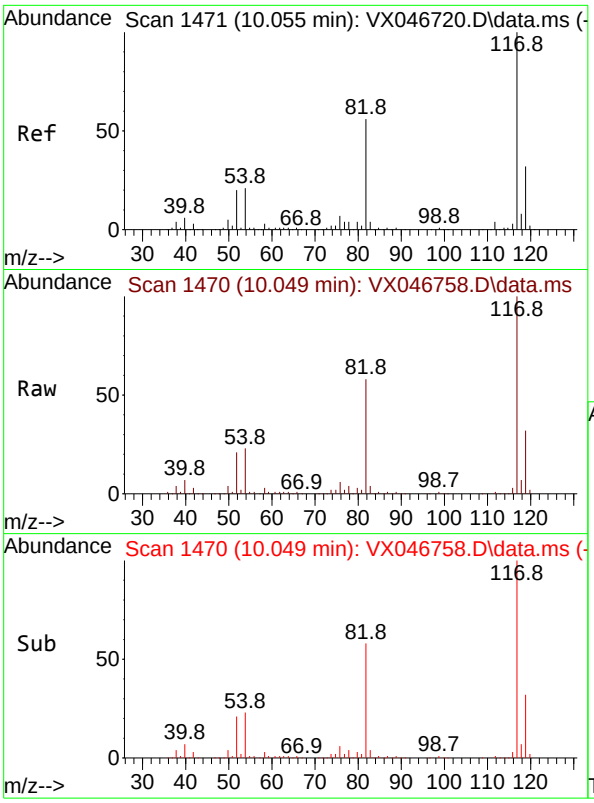


#62
4-Bromofluorobenzene
Concen: 48.823 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 95 Resp: 97021

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	150.4
176	73.0	0.0	145.0



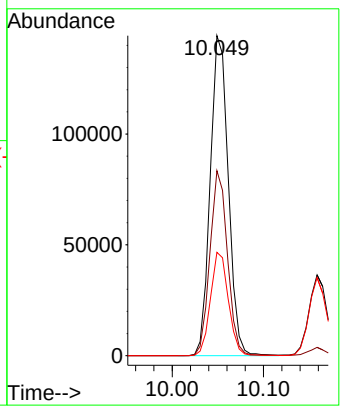


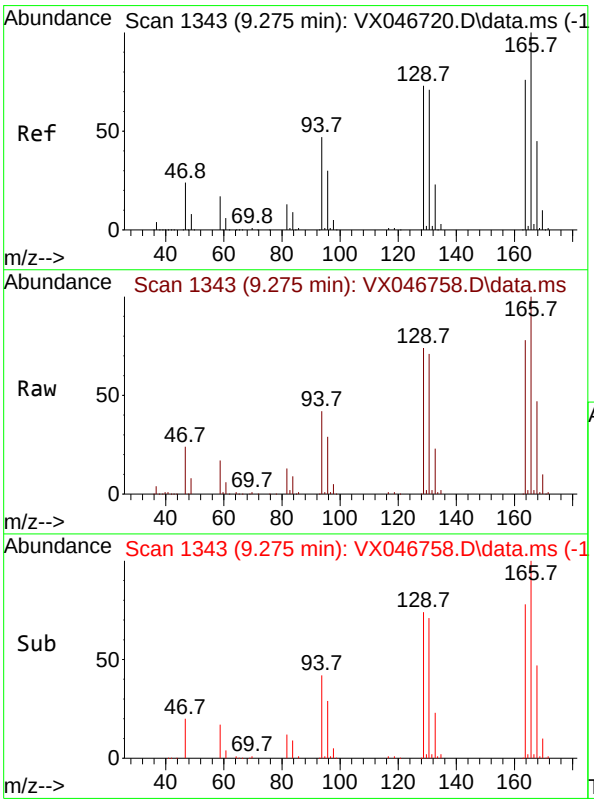
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 197740

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.6	66.8
119	32.3	25.8	38.8

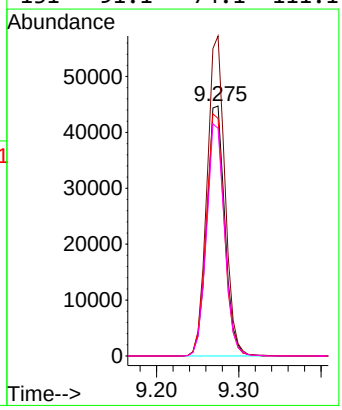


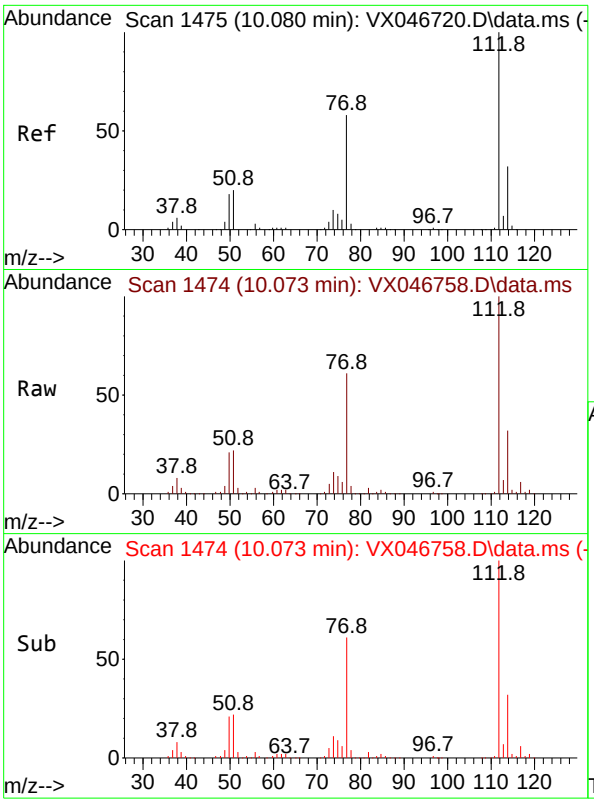


#64
Tetrachloroethene
Concen: 49.587 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:164 Resp: 67934

Ion	Ratio	Lower	Upper
164	100		
166	128.0	104.6	157.0
129	95.0	76.3	114.5
131	91.1	74.1	111.1



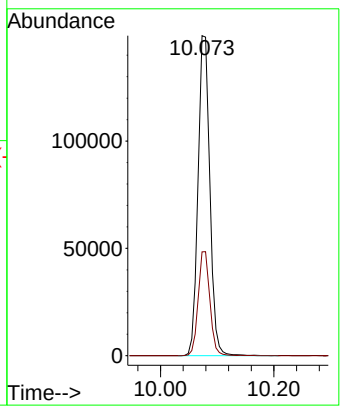


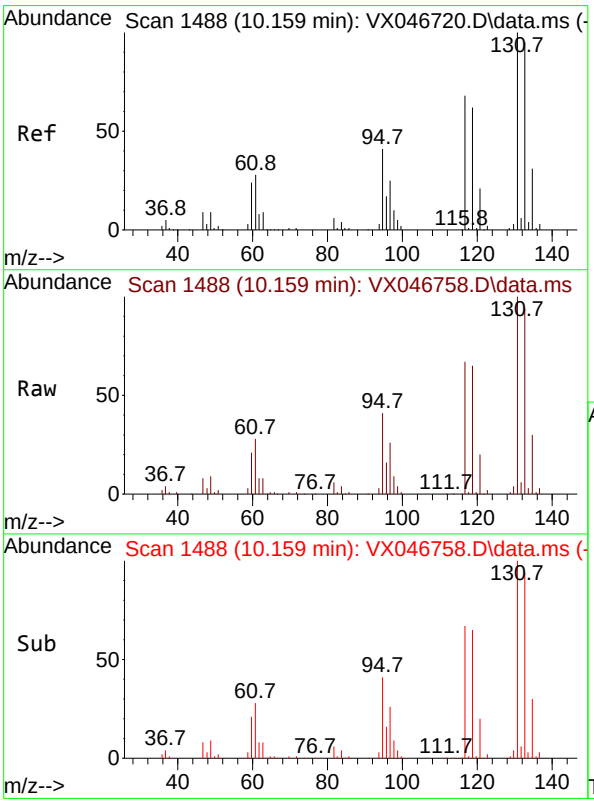
#65
Chlorobenzene
Concen: 49.352 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 215423

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.5	38.3

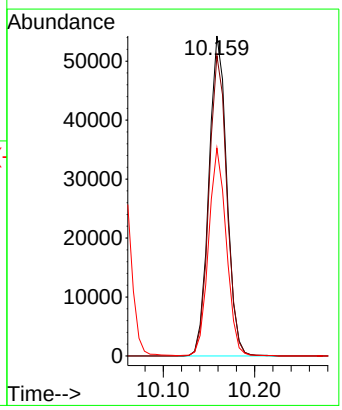


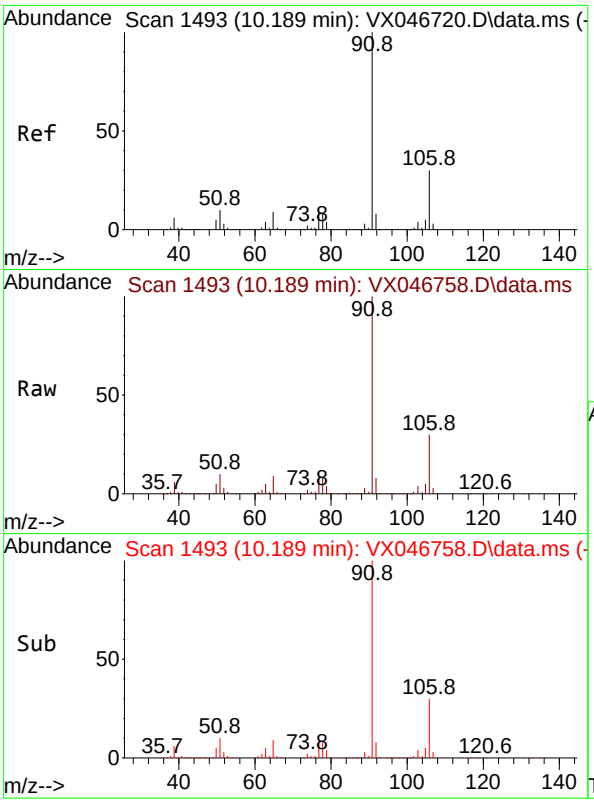


#66
1,1,1,2-Tetrachloroethane
Concen: 50.304 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:131 Resp: 73797

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.3	141.8
119	64.5	32.1	96.3



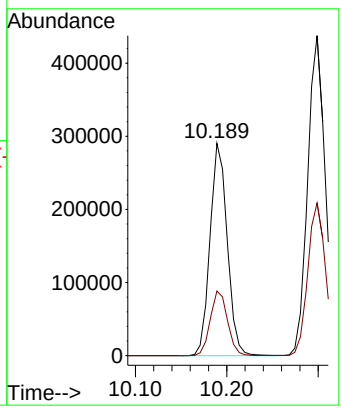


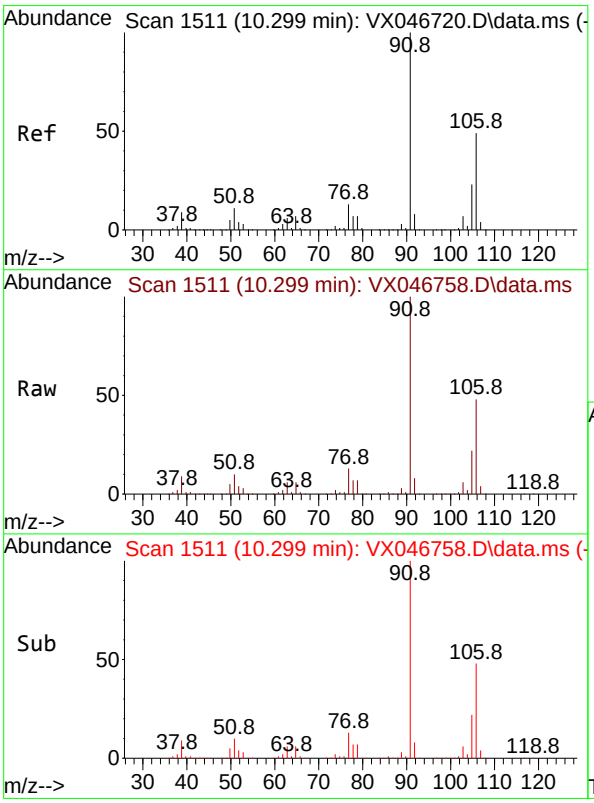
#67
Ethyl Benzene
Concen: 49.719 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 379202

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.2	36.2

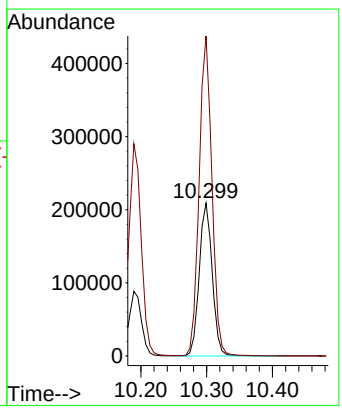


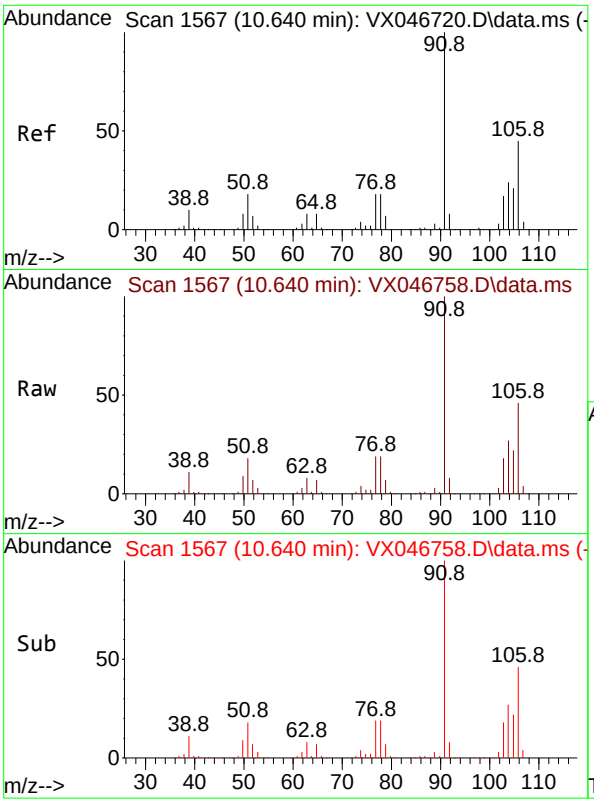


#68
m/p-Xylenes
Concen: 100.703 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:106 Resp: 286180

Ion	Ratio	Lower	Upper
106	100		
91	206.9	164.8	247.2



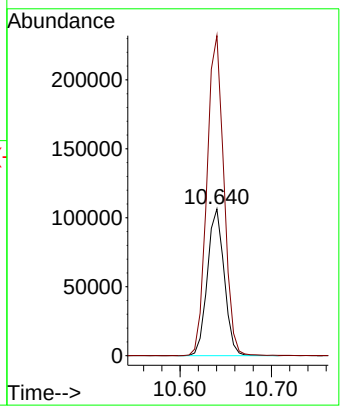


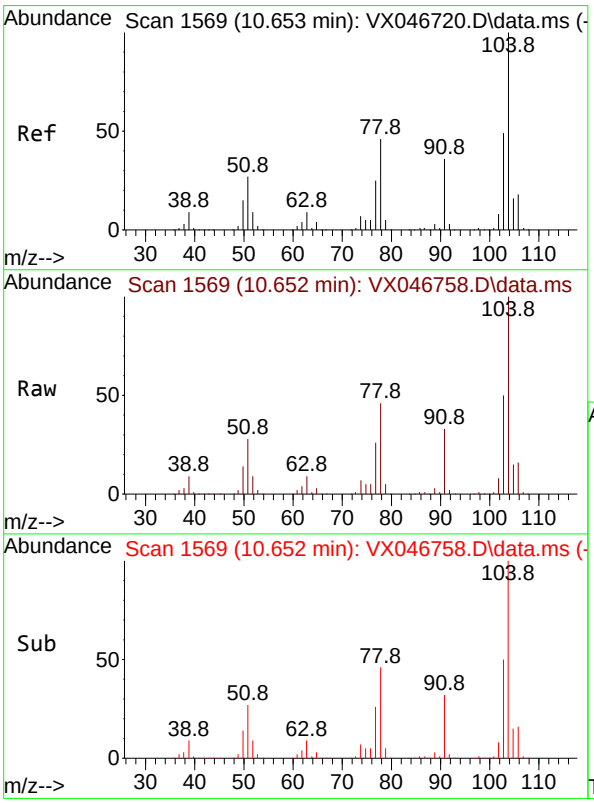
#69
o-Xylene
Concen: 51.004 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 135837

Ion	Ratio	Lower	Upper
106	100		
91	220.3	111.3	333.9

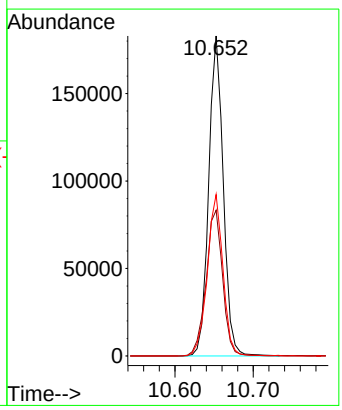


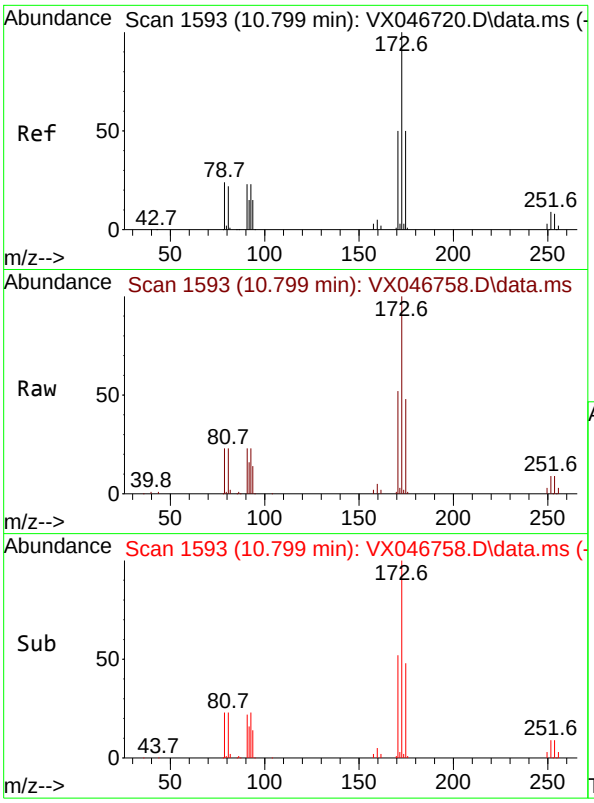


#70
Styrene
Concen: 50.573 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:104 Resp: 235709

Ion	Ratio	Lower	Upper
104	100		
78	51.9	41.4	62.2
103	54.3	43.1	64.7



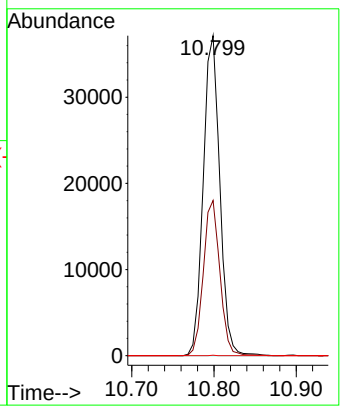


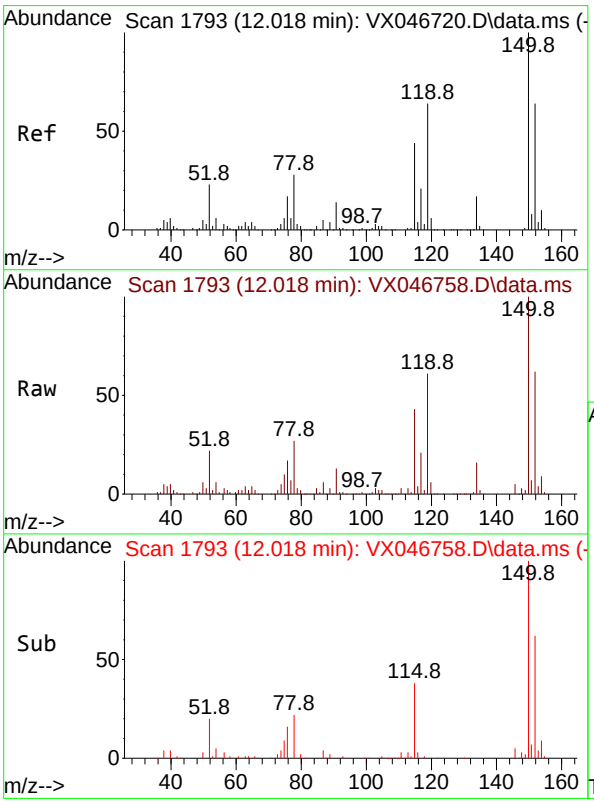
#71
Bromoform
Concen: 46.470 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 51917

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.4
254	0.0	0.1	0.1#

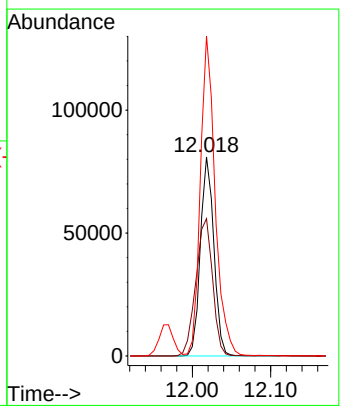


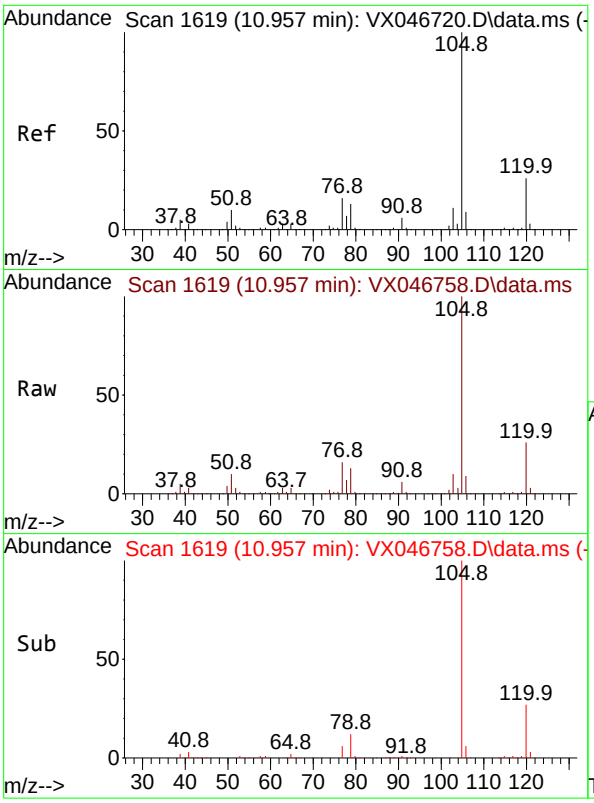


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:152 Resp: 96867

Ion	Ratio	Lower	Upper
152	100		
115	85.5	43.2	129.6
150	175.8	0.0	346.8



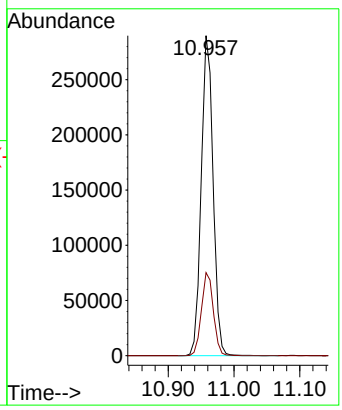


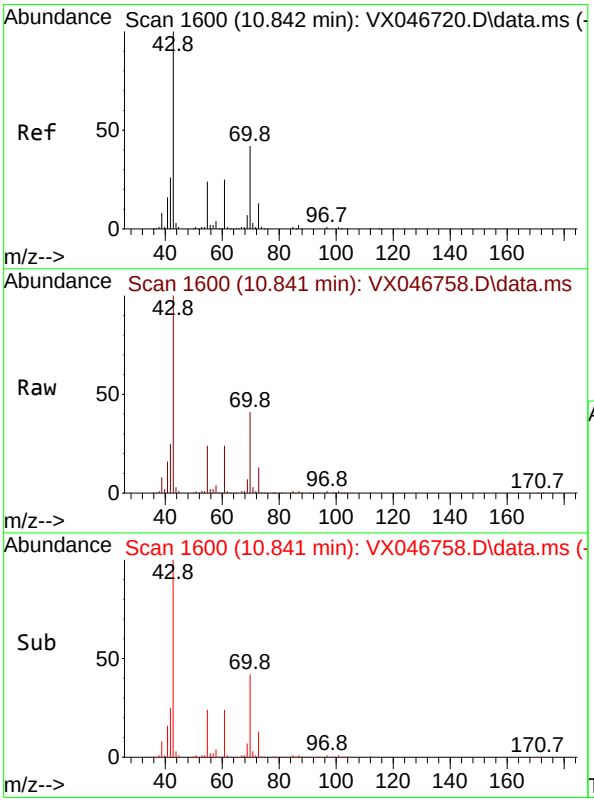
#73
Isopropylbenzene
Concen: 50.881 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 362998

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	39.0

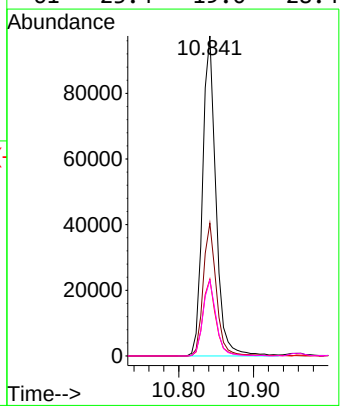


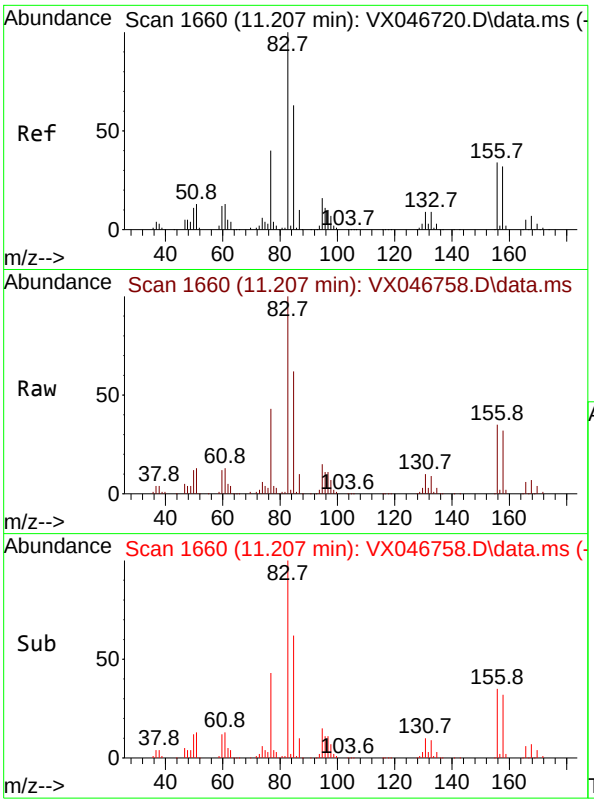


#74
N-amyl acetate
Concen: 44.699 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 120822

Ion	Ratio	Lower	Upper
43	100		
70	41.0	33.4	50.0
55	23.7	19.1	28.7
61	23.4	19.0	28.4



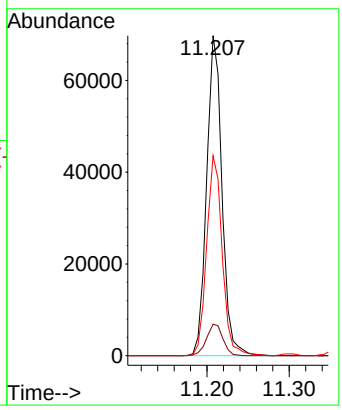


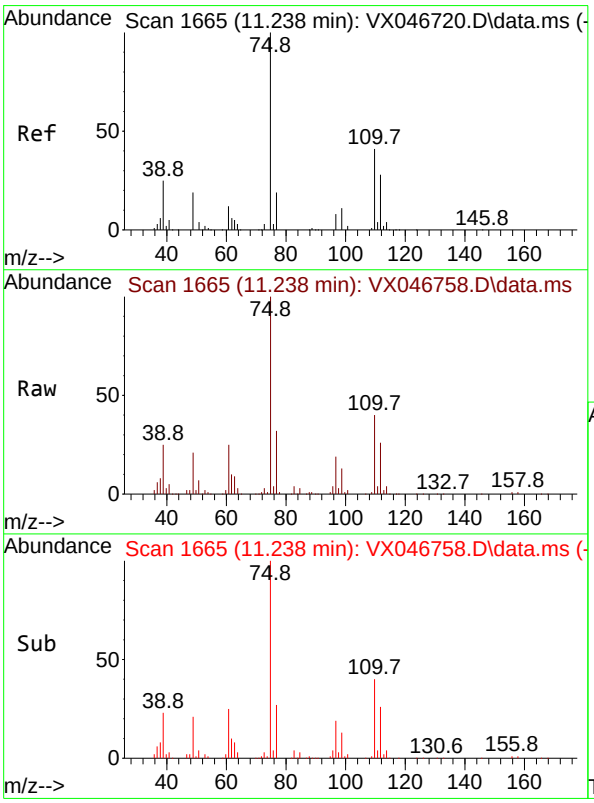
#75
1,1,2,2-Tetrachloroethane
Concen: 45.350 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 90340

Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.9	14.6
85	63.3	32.0	96.0

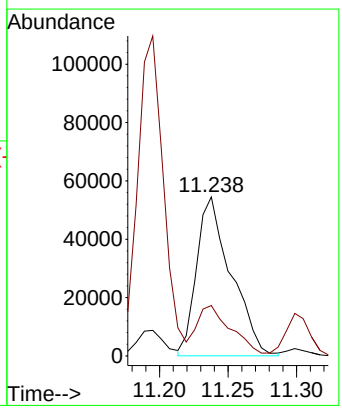


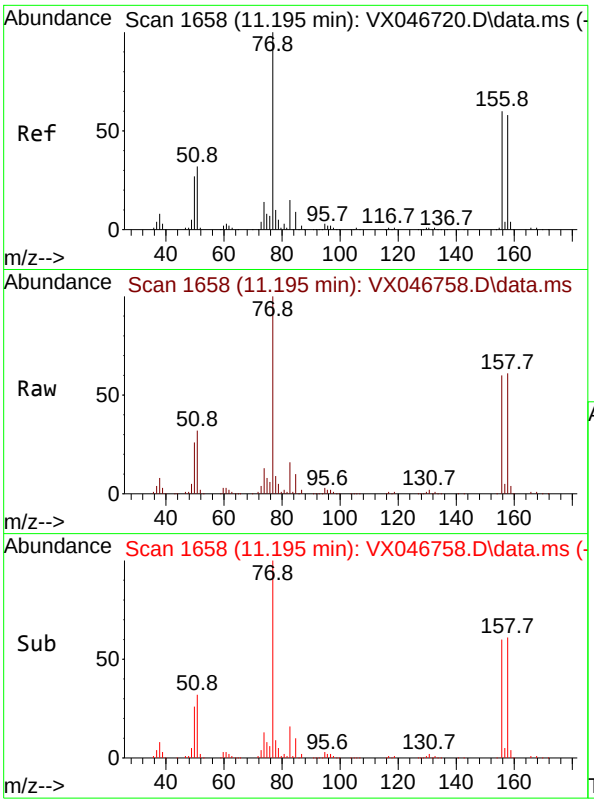


#76
1,2,3-Trichloropropane
Concen: 53.868 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 75 Resp: 95570

Ion	Ratio	Lower	Upper
75	100		
77	31.5	18.5	55.5



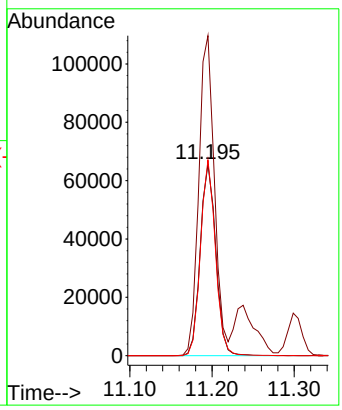


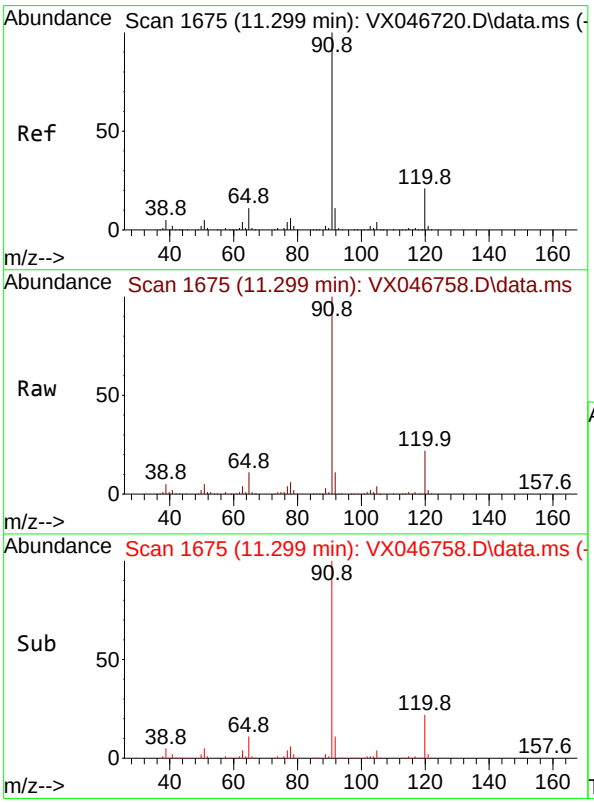
#77
Bromobenzene
Concen: 50.284 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 86326

Ion	Ratio	Lower	Upper
156	100		
77	167.7	82.8	248.6
158	98.3	47.6	142.9

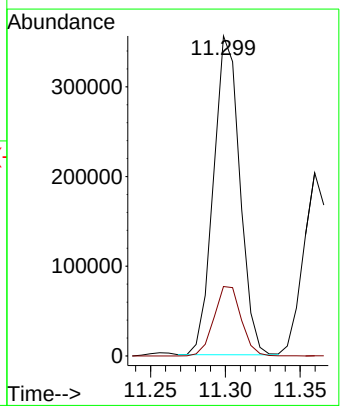


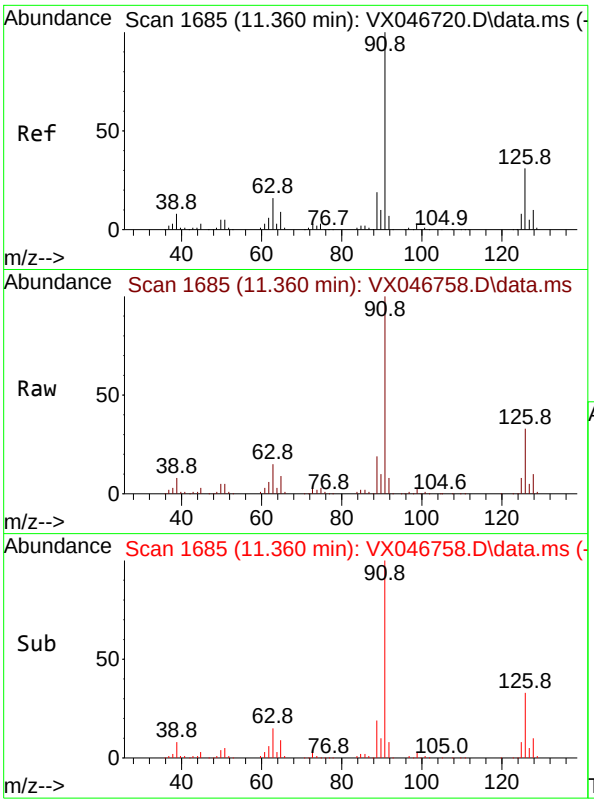


#78
n-propylbenzene
Concen: 51.296 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 91 Resp: 434668

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.1



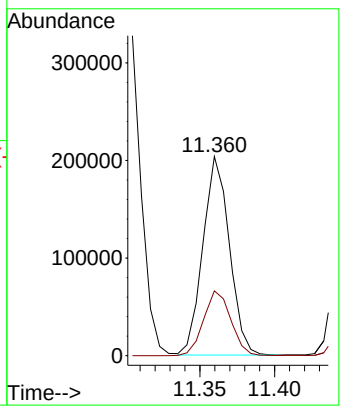


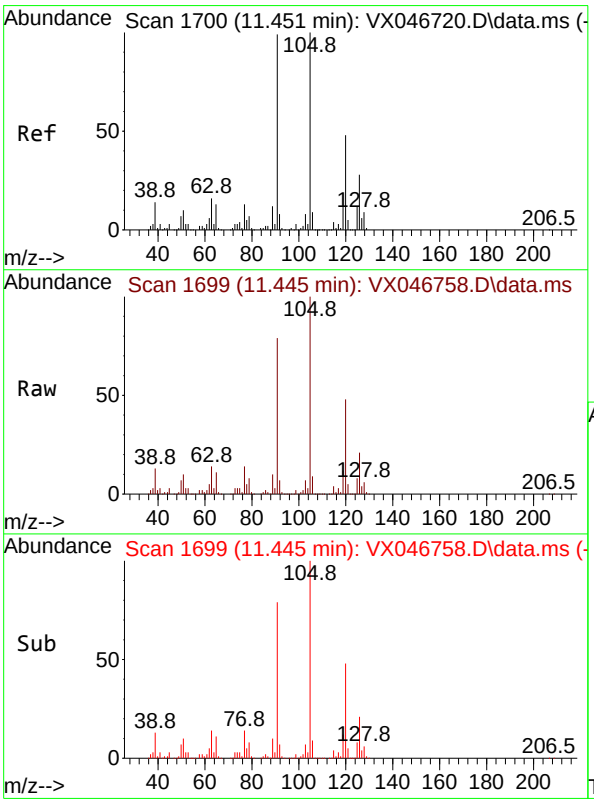
#79
2-Chlorotoluene
Concen: 49.529 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 250583

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.6	49.7

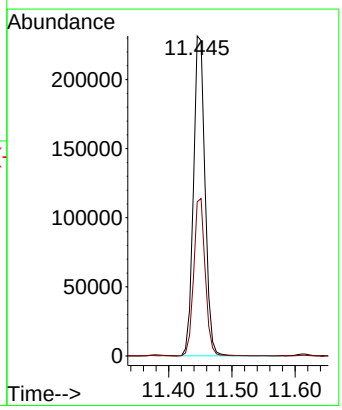


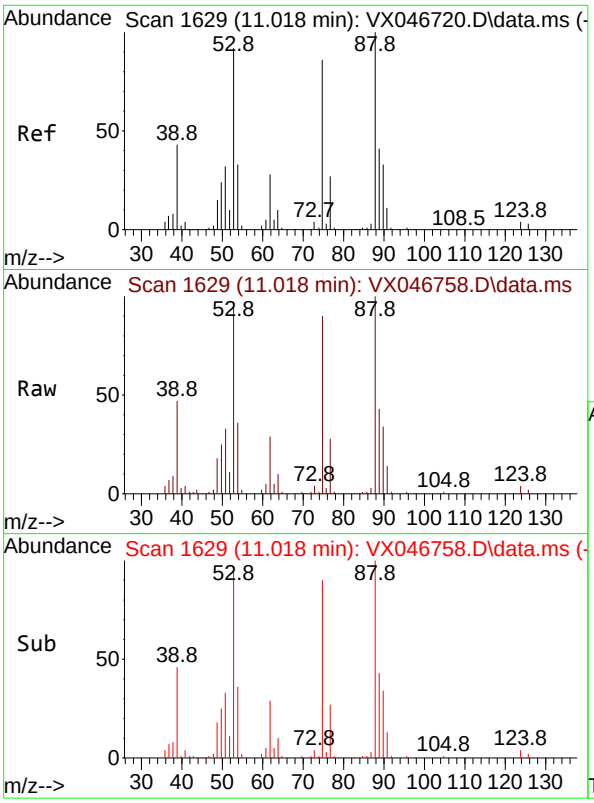


#80
1,3,5-Trimethylbenzene
Concen: 50.244 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:105 Resp: 294565

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.1	72.2



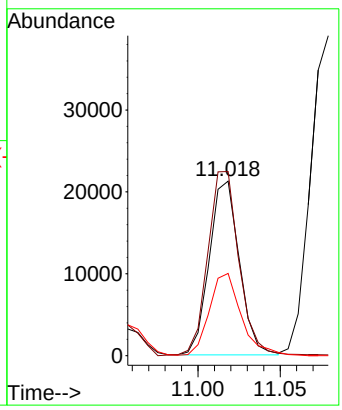


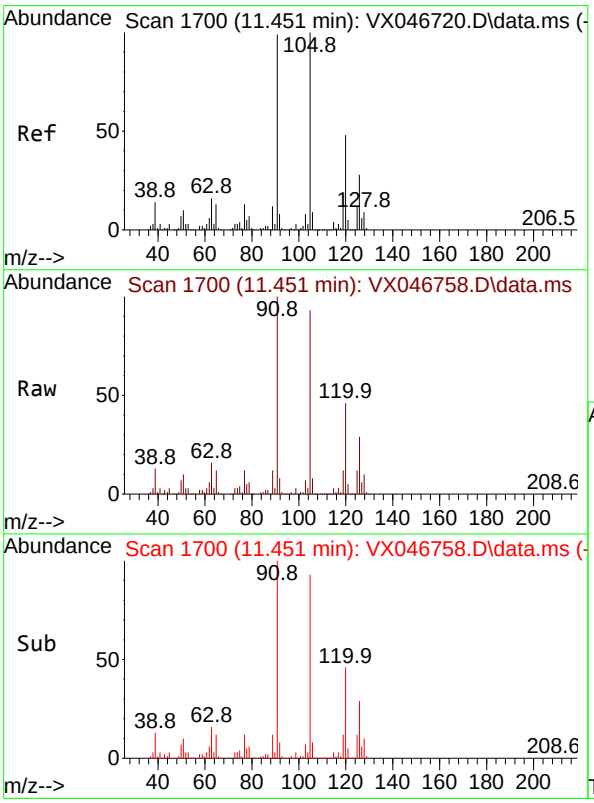
#81
trans-1,4-Dichloro-2-butene
Concen: 43.036 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 27012

Ion	Ratio	Lower	Upper
75	100		
53	109.1	86.8	130.2
89	50.3	36.9	55.3

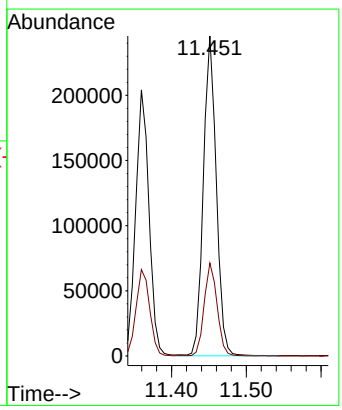


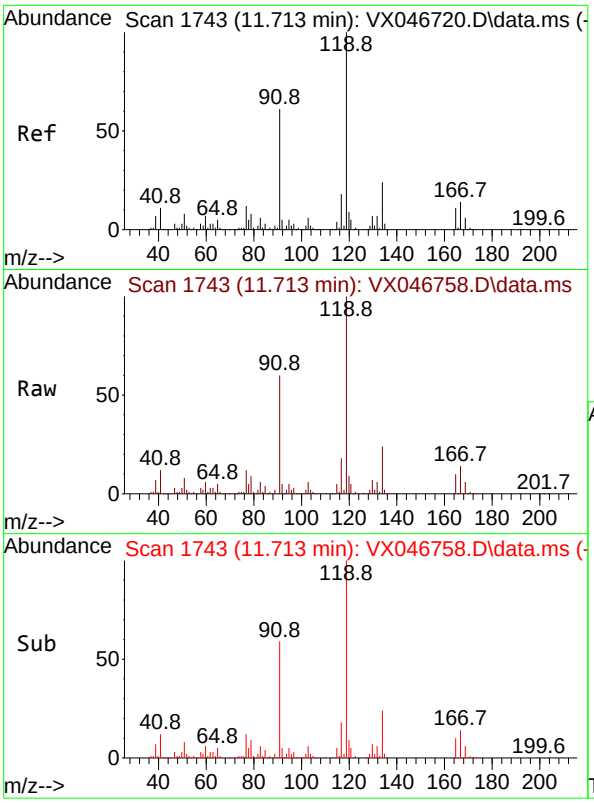


#82
4-Chlorotoluene
Concen: 49.875 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 91 Resp: 294491

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.4	43.2



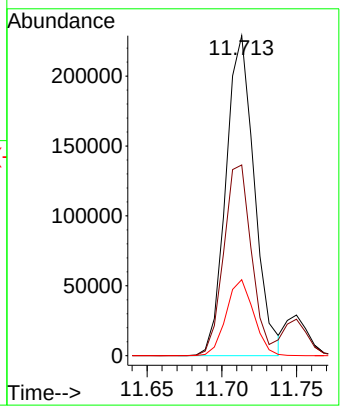


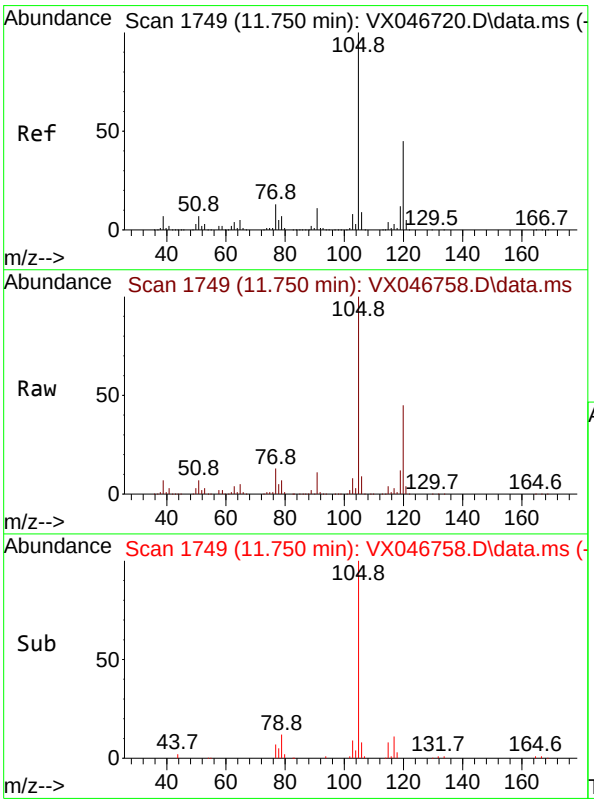
#83
tert-Butylbenzene
Concen: 49.891 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 302344

Ion	Ratio	Lower	Upper
119	100		
91	58.1	29.5	88.6
134	23.0	11.7	35.0

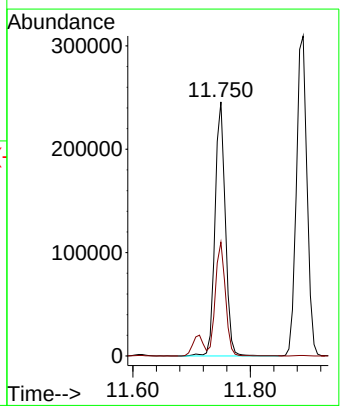


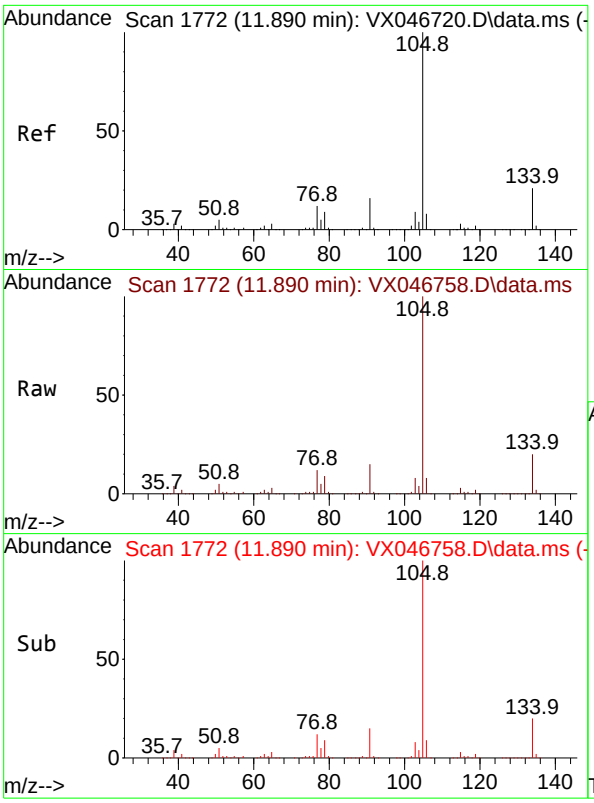


#84
1,2,4-Trimethylbenzene
Concen: 50.692 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:105 Resp: 298590

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.3



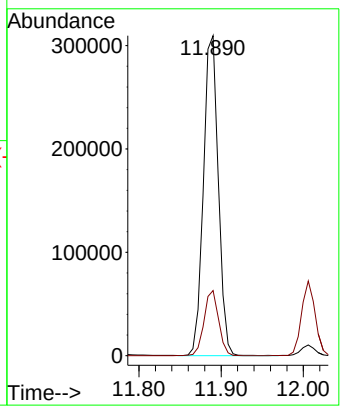


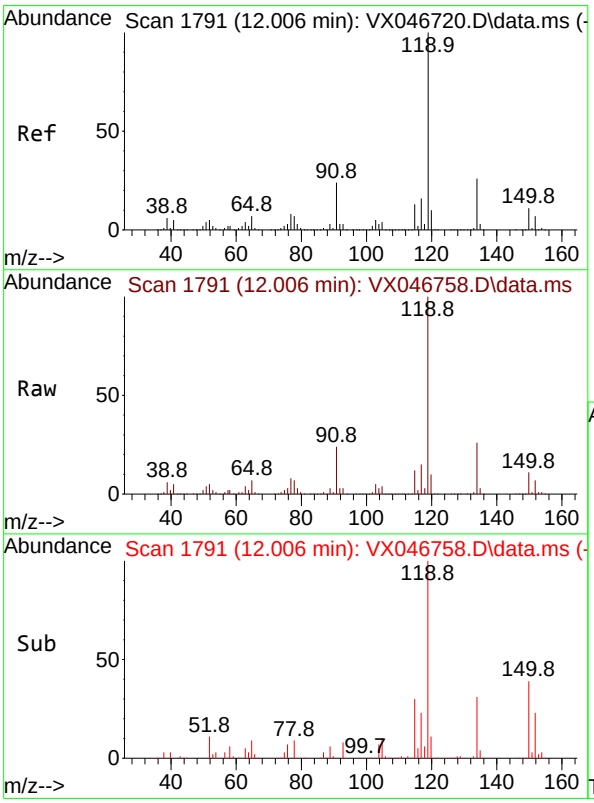
#85
sec-Butylbenzene
Concen: 50.841 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 389381

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.4

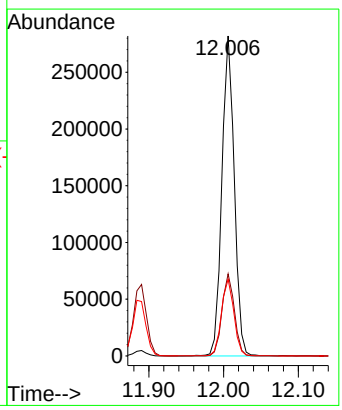


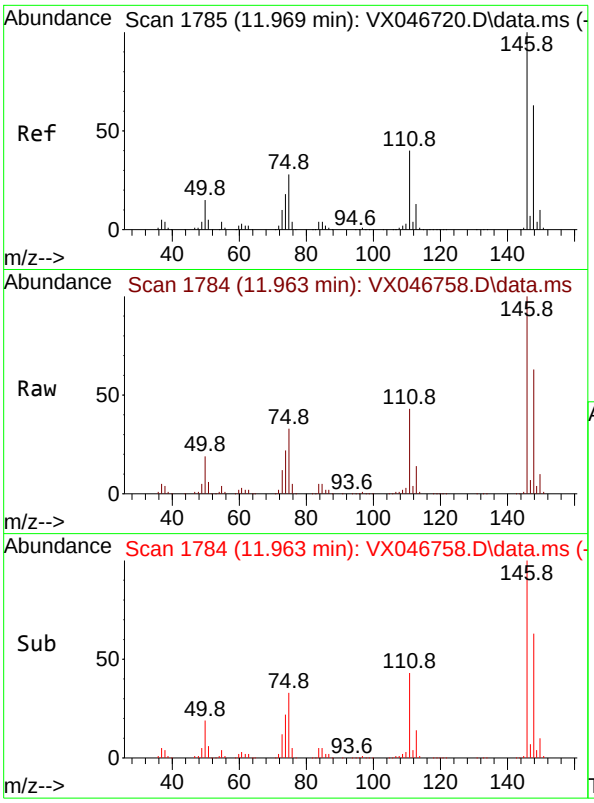


#86
p-Isopropyltoluene
Concen: 50.214 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:119 Resp: 324490

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	24.3	12.3	36.9



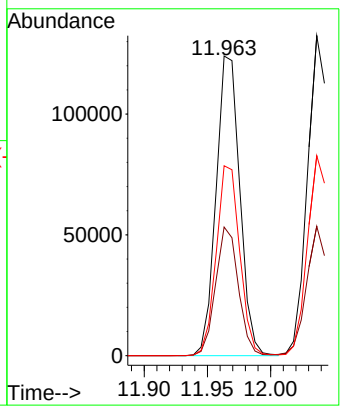


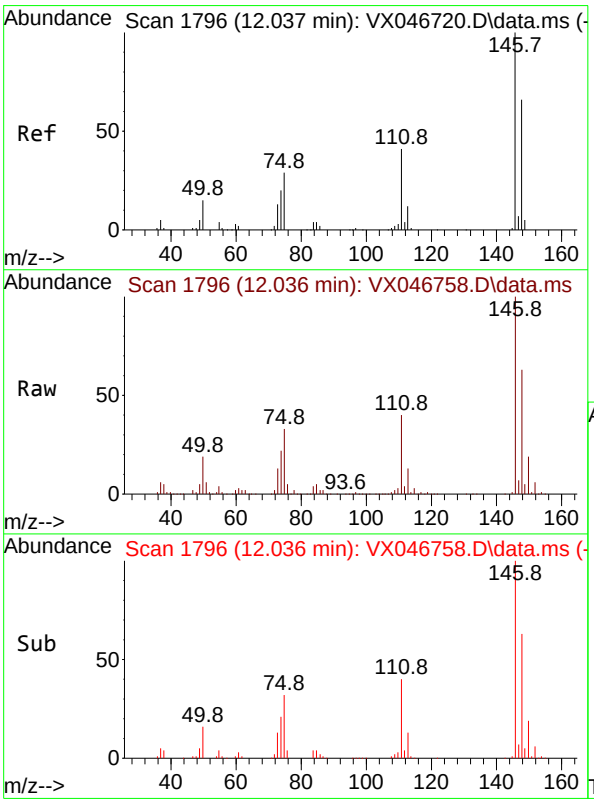
#87
1,3-Dichlorobenzene
Concen: 48.338 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 161807

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	62.8	31.6	94.8

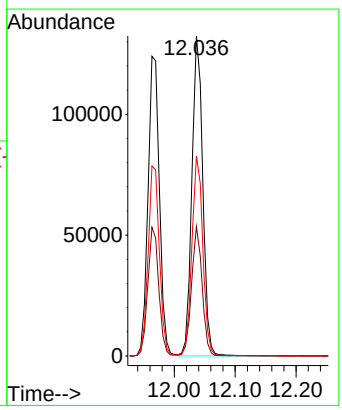


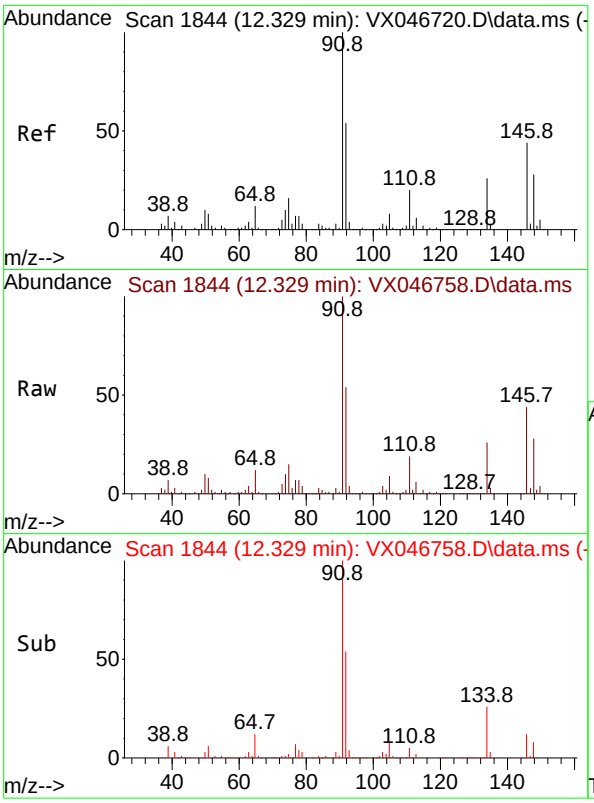


#88
1,4-Dichlorobenzene
Concen: 47.705 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:146 Resp: 164023

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	61.0
148	62.4	32.1	96.5



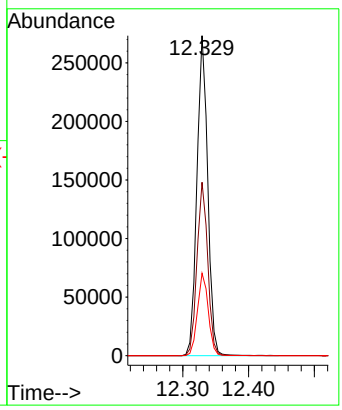


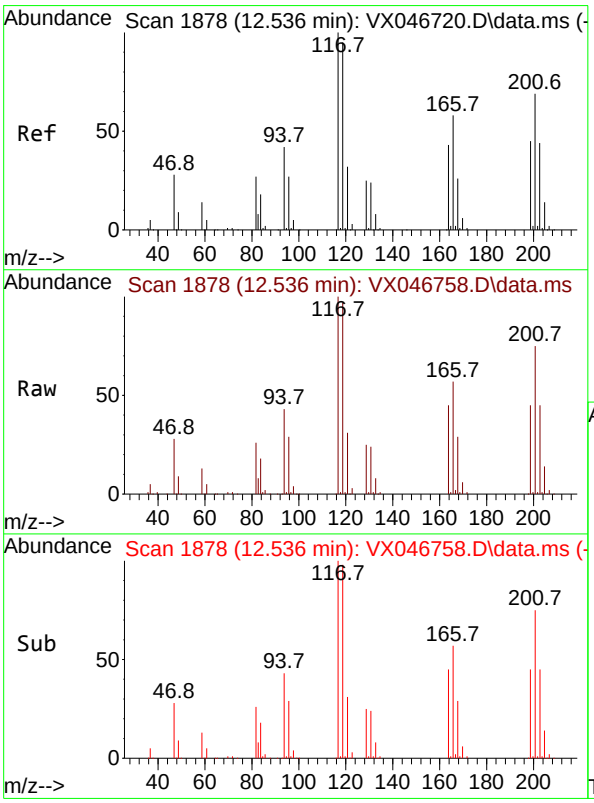
#89
n-Butylbenzene
Concen: 50.550 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 310154

Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.1	81.3
134	25.9	12.9	38.6

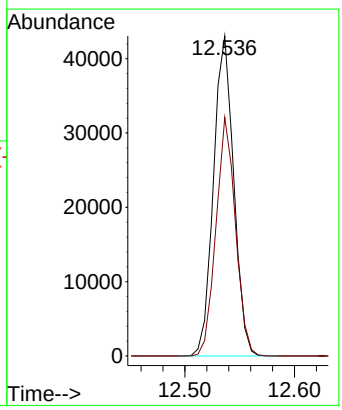


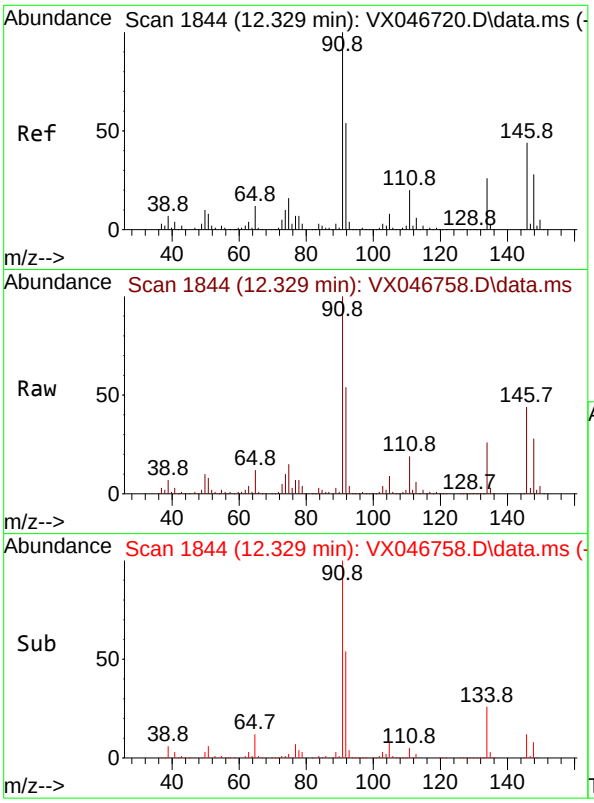


#90
Hexachloroethane
Concen: 48.837 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:117 Resp: 55264

Ion	Ratio	Lower	Upper
117	100		
201	71.8	34.4	103.3



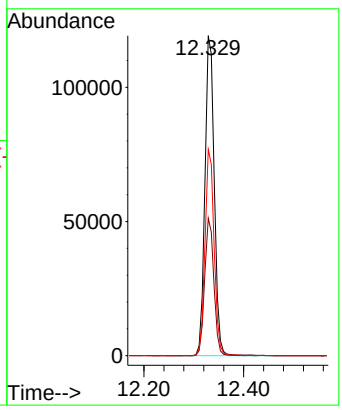


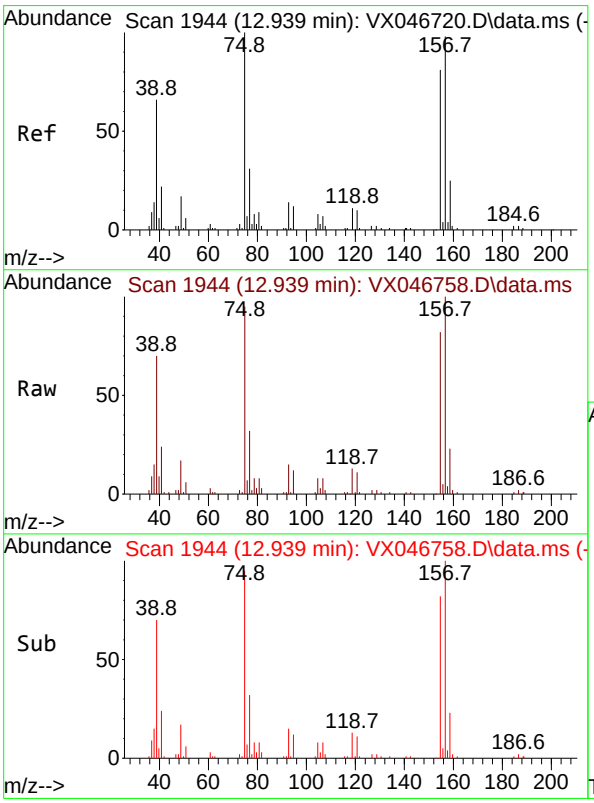
#91
1,2-Dichlorobenzene
Concen: 49.496 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 154832

Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.7	65.1
148	63.1	32.0	96.2

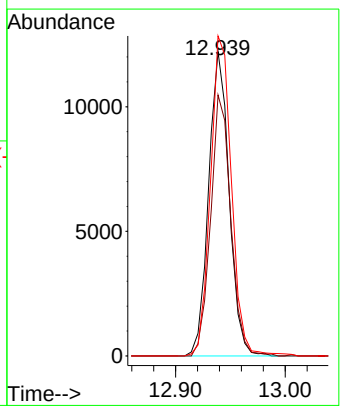


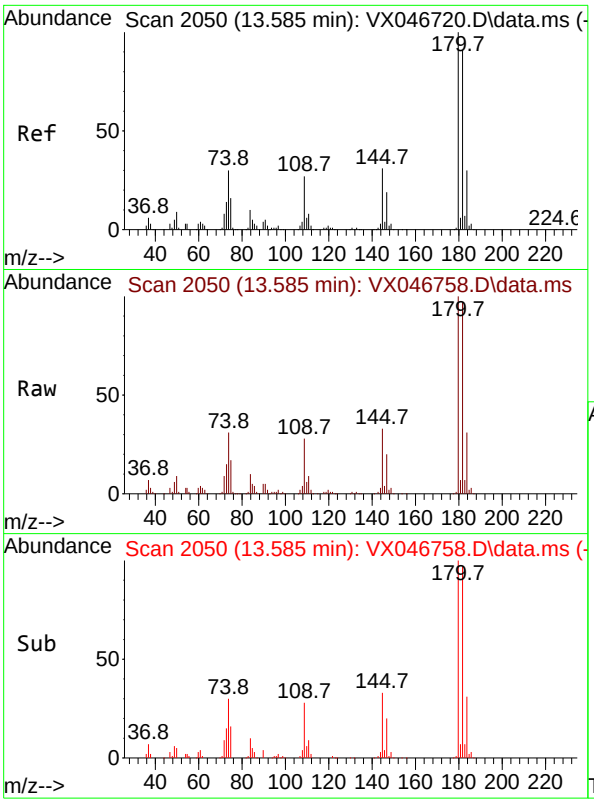


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.348 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 75 Resp: 15868

Ion	Ratio	Lower	Upper
75	100		
155	84.4	41.9	125.7
157	107.9	51.4	154.3



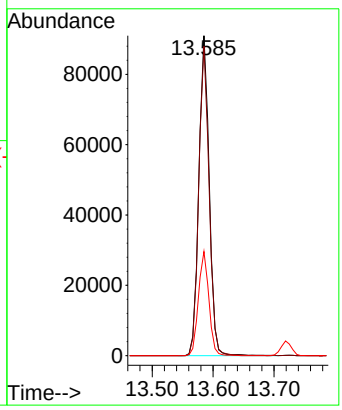


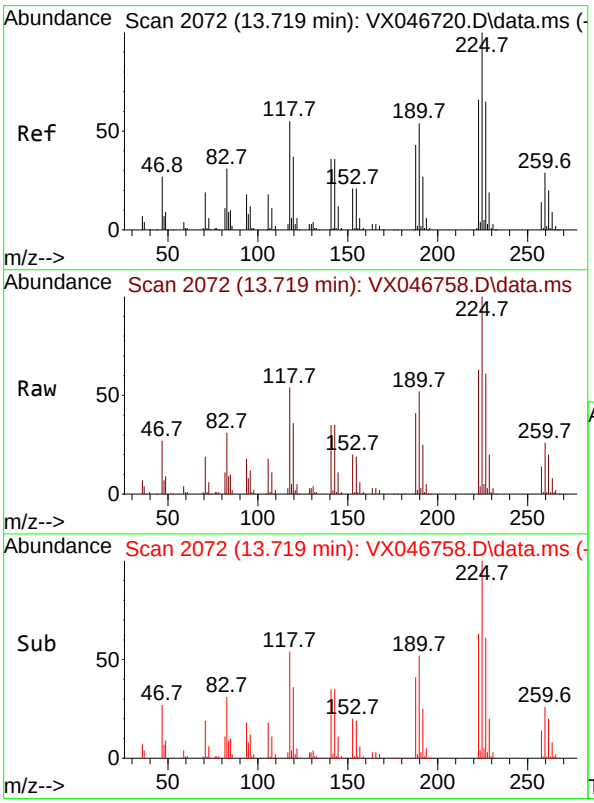
#93
1,2,4-Trichlorobenzene
Concen: 48.410 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 107660

Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.7	140.1
145	32.7	15.8	47.4

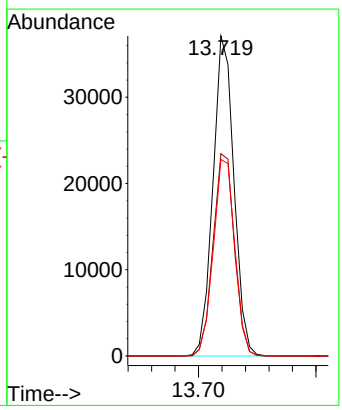


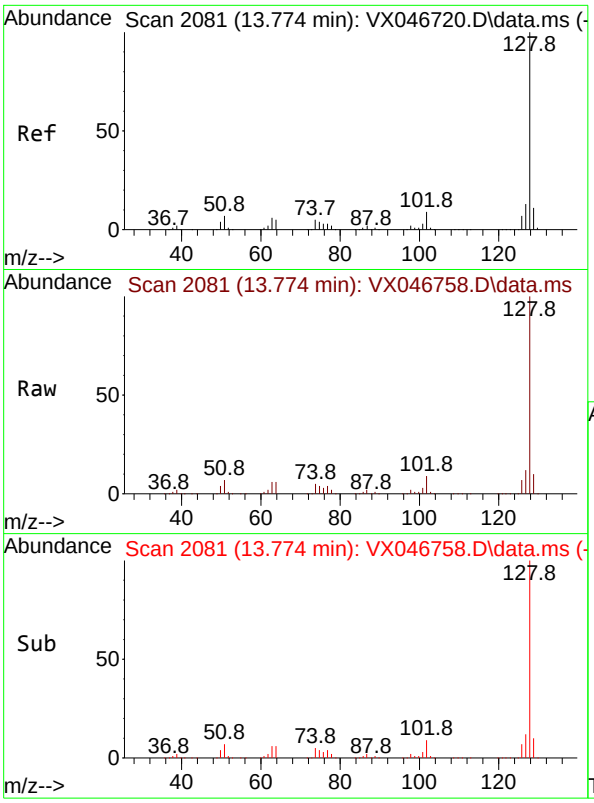


#94
Hexachlorobutadiene
Concen: 49.207 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:225 Resp: 46034

Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.5	97.5
227	63.2	32.2	96.6



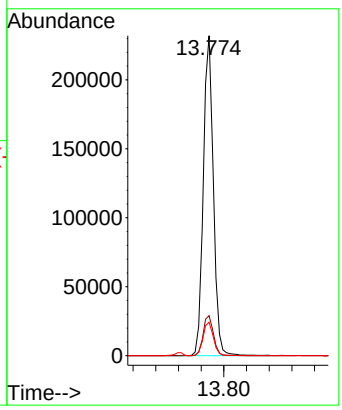


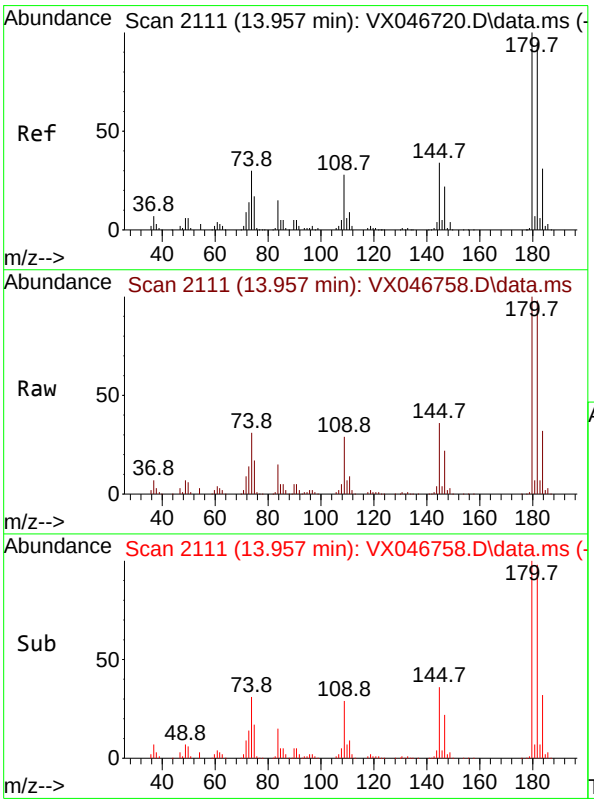
#95
Naphthalene
Concen: 45.216 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 286491

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.7	8.7	13.1

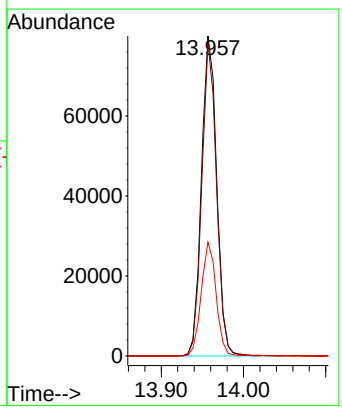




#96
1,2,3-Trichlorobenzene
Concen: 48.453 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:180 Resp: 103088

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.4
145	34.7	17.3	51.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	137936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94946	49.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.520%			
35) Dibromofluoromethane	5.397	113	78196	52.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.647	98	282602	52.340	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.680%			
62) 4-Bromofluorobenzene	11.079	95	108869	54.092	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	28069	19.060	ug/l	97
3) Chloromethane	1.307	50	29736	18.707	ug/l	99
4) Vinyl Chloride	1.386	62	32033	18.898	ug/l	93
5) Bromomethane	1.630	94	20191	21.172	ug/l	93
6) Chloroethane	1.709	64	20468	19.923	ug/l	98
7) Trichlorofluoromethane	1.910	101	47476	18.446	ug/l	99
8) Diethyl Ether	2.148	74	16252	18.400	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	29254	18.528	ug/l	99
10) Methyl Iodide	2.471	142	29614	18.018	ug/l	99
11) Tert butyl alcohol	2.959	59	10810	63.126	ug/l	97
12) 1,1-Dichloroethene	2.337	96	28292	18.570	ug/l	97
13) Acrolein	2.251	56	18186	72.910	ug/l	98
14) Allyl chloride	2.684	41	49324	17.868	ug/l	99
15) Acrylonitrile	3.075	53	62463	81.119	ug/l	98
16) Acetone	2.386	43	47143	74.096	ug/l	96
17) Carbon Disulfide	2.532	76	78405	17.041	ug/l	98
18) Methyl Acetate	2.715	43	25862	16.004	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	80635	16.997	ug/l	98
20) Methylene Chloride	2.806	84	32048	18.113	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	29757	18.253	ug/l	99
22) Diisopropyl ether	3.769	45	100392	18.921	ug/l	94
23) Vinyl Acetate	3.733	43	365712	86.676	ug/l	100
24) 1,1-Dichloroethane	3.623	63	55663	18.477	ug/l	99
25) 2-Butanone	4.568	43	69661	77.416	ug/l	100
26) 2,2-Dichloropropane	4.489	77	39442	17.951	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	35547	18.560	ug/l	98
28) Bromochloromethane	4.910	49	28430	20.816	ug/l	99
29) Tetrahydrofuran	5.013	42	44591	76.721	ug/l	99
30) Chloroform	5.105	83	57187	18.982	ug/l	93
31) Cyclohexane	5.483	56	53811	18.836	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	46675	17.665	ug/l	98
36) 1,1-Dichloropropene	5.702	75	40684	18.754	ug/l	99
37) Ethyl Acetate	4.727	43	31829	15.895	ug/l	98
38) Carbon Tetrachloride	5.690	117	42451	18.031	ug/l	99
39) Methylcyclohexane	7.385	83	52931	18.541	ug/l	99
40) Benzene	6.050	78	121111	18.864	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	17227	16.137	ug/l		99
42) 1,2-Dichloroethane	6.092	62	41780	18.518	ug/l		100
43) Isopropyl Acetate	6.348	43	51032	16.286	ug/l		99
44) Trichloroethene	7.135	130	30093	18.392	ug/l		99
45) 1,2-Dichloropropane	7.433	63	29323	18.429	ug/l		95
46) Dibromomethane	7.592	93	20791	18.181	ug/l		99
47) Bromodichloromethane	7.824	83	44034	18.870	ug/l		99
48) Methyl methacrylate	7.696	41	25618	16.301	ug/l		98
49) 1,4-Dioxane	7.659	88	6374	299.149	ug/l		94
51) 4-Methyl-2-Pentanone	8.573	43	152568	81.636	ug/l		98
52) Toluene	8.720	92	75814	19.048	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	38942	17.985	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	44663	18.171	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	27505	18.544	ug/l		99
56) Ethyl methacrylate	9.116	69	37095	16.942	ug/l		98
57) 1,3-Dichloropropane	9.311	76	47213	18.484	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	101869	89.565	ug/l		99
59) 2-Hexanone	9.427	43	101986	78.935	ug/l		100
60) Dibromochloromethane	9.518	129	32154	18.395	ug/l		100
61) 1,2-Dibromoethane	9.610	107	27221	18.042	ug/l		100
64) Tetrachloroethene	9.275	164	25376	17.655	ug/l		95
65) Chlorobenzene	10.079	112	82392	17.991	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	27463	17.843	ug/l		98
67) Ethyl Benzene	10.195	91	144047	18.002	ug/l		97
68) m/p-Xylenes	10.299	106	111044	37.244	ug/l		100
69) o-Xylene	10.640	106	51894	18.572	ug/l		98
70) Styrene	10.652	104	89289	18.260	ug/l		99
71) Bromoform	10.799	173	19576	16.701	ug/l	#	98
73) Isopropylbenzene	10.957	105	139510	18.100	ug/l		99
74) N-amyl acetate	10.841	43	46412	15.893	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37312	17.337	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	36095	18.832	ug/l		98
77) Bromobenzene	11.195	156	33896	18.275	ug/l		99
78) n-propylbenzene	11.299	91	168589	18.415	ug/l		99
79) 2-Chlorotoluene	11.360	91	99687	18.238	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	115409	18.221	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	10102	14.897	ug/l		96
82) 4-Chlorotoluene	11.451	91	116713	18.296	ug/l		99
83) tert-Butylbenzene	11.713	119	118027	18.027	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	116817	18.357	ug/l		99
85) sec-Butylbenzene	11.890	105	153043	18.496	ug/l		100
86) p-Isopropyltoluene	12.006	119	127841	18.312	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	64330	17.788	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	64856	17.460	ug/l		99
89) n-Butylbenzene	12.329	91	118756	17.915	ug/l		100
90) Hexachloroethane	12.536	117	20652	16.893	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	61156	18.096	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6425	15.122	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	41109	17.110	ug/l		98
94) Hexachlorobutadiene	13.719	225	17833	17.644	ug/l		96
95) Naphthalene	13.774	128	110507	16.144	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	40546	17.639	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

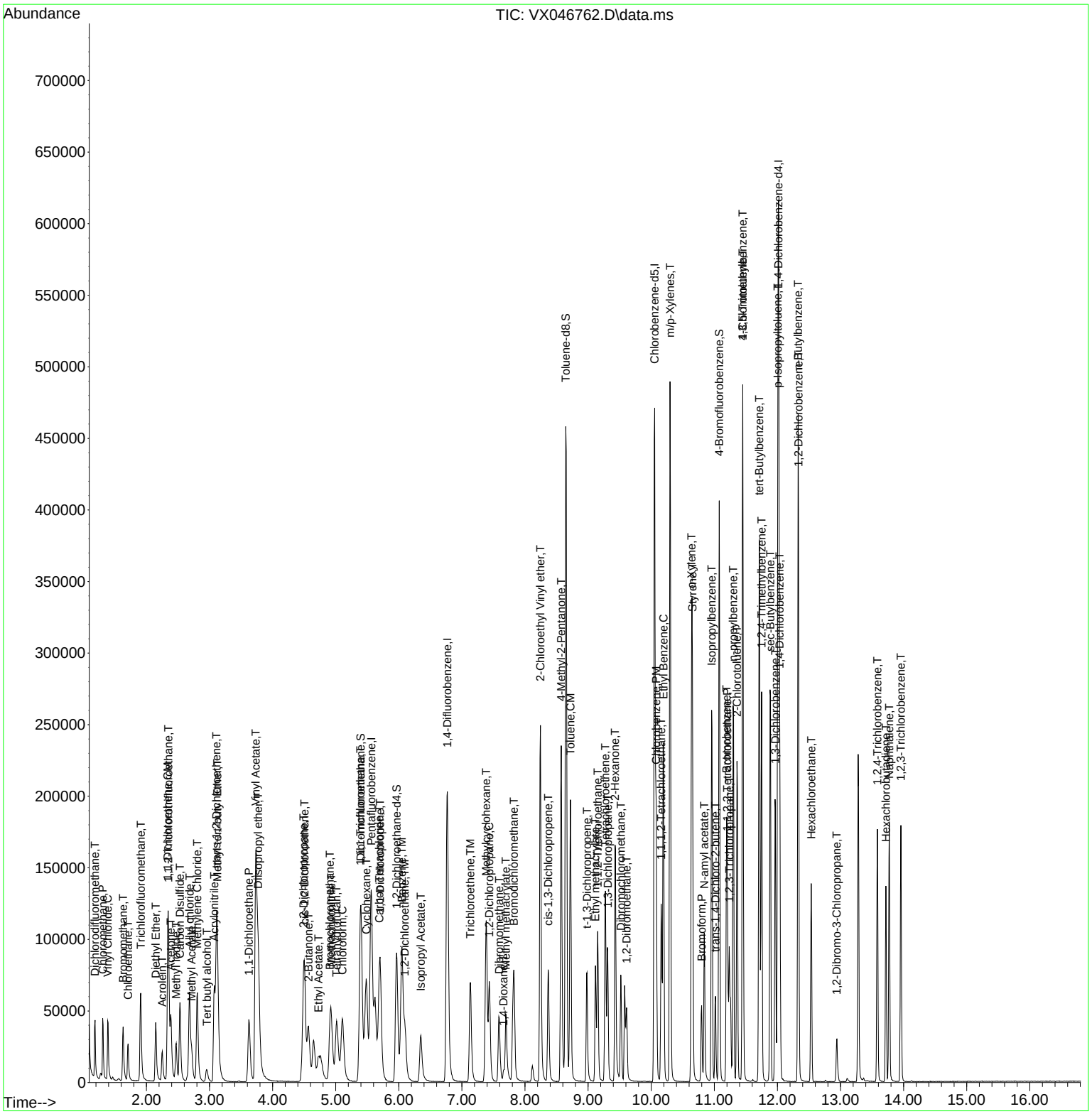
(#) = qualifier out of range (m) = manual integration (+) = signals summed

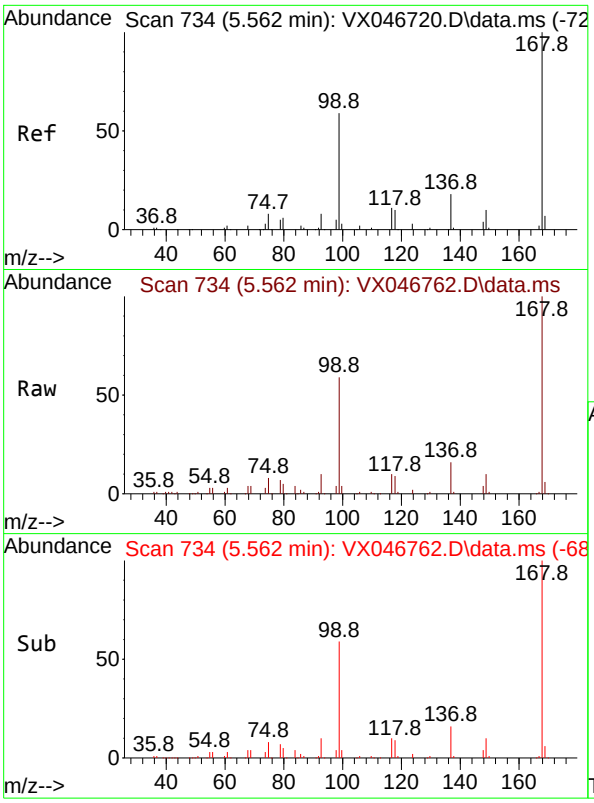
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



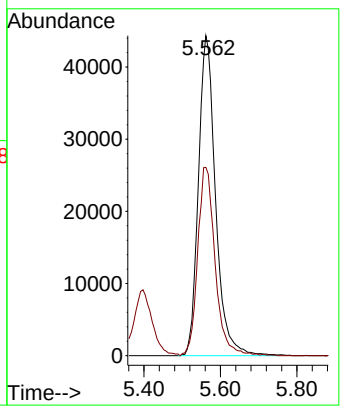


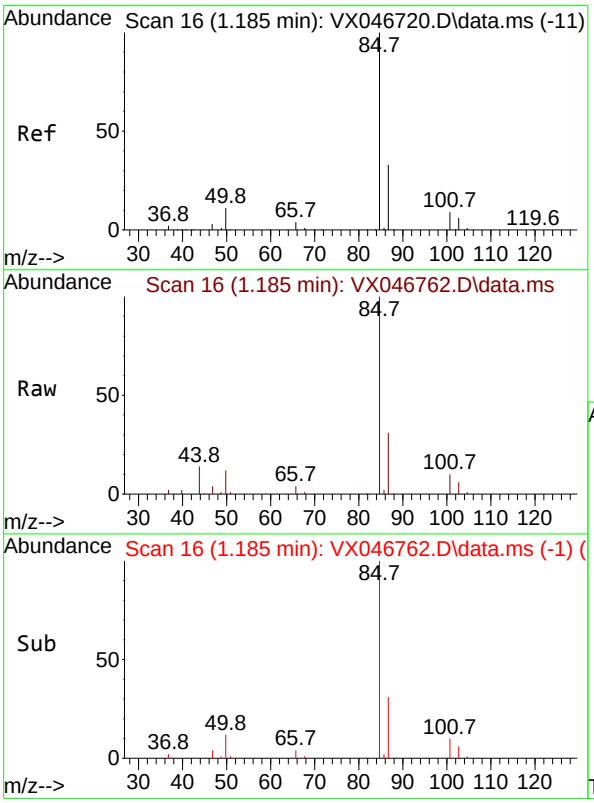
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:168 Resp: 137936

Ion	Ratio	Lower	Upper
168	100		
99	58.9	48.5	72.7

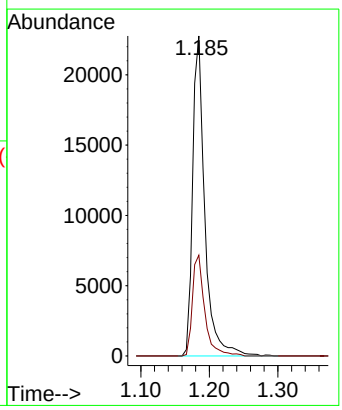


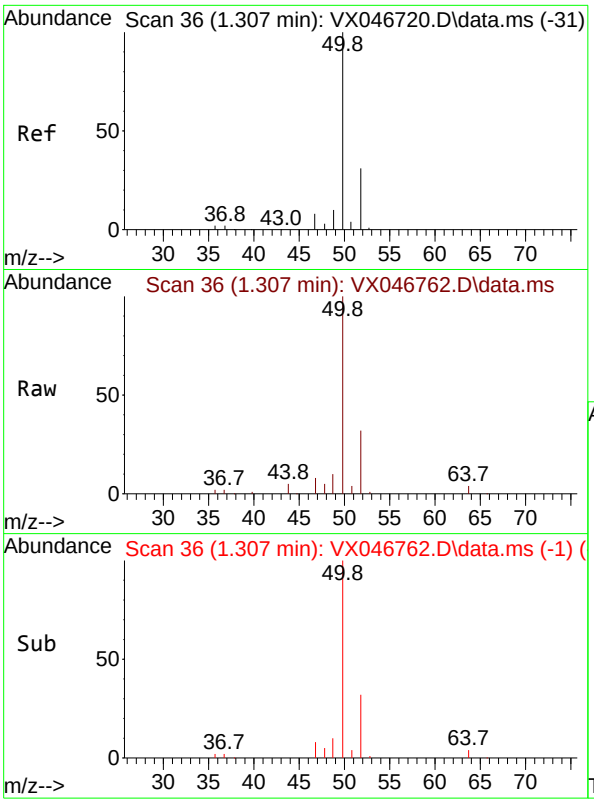


#2
Dichlorodifluoromethane
Concen: 19.060 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 85 Resp: 28069

Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.6	49.8



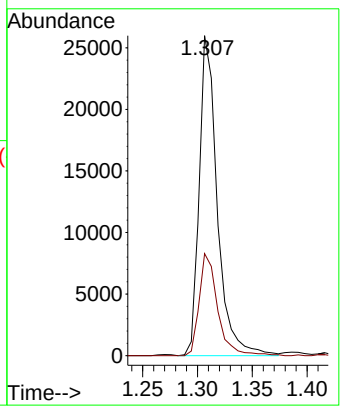


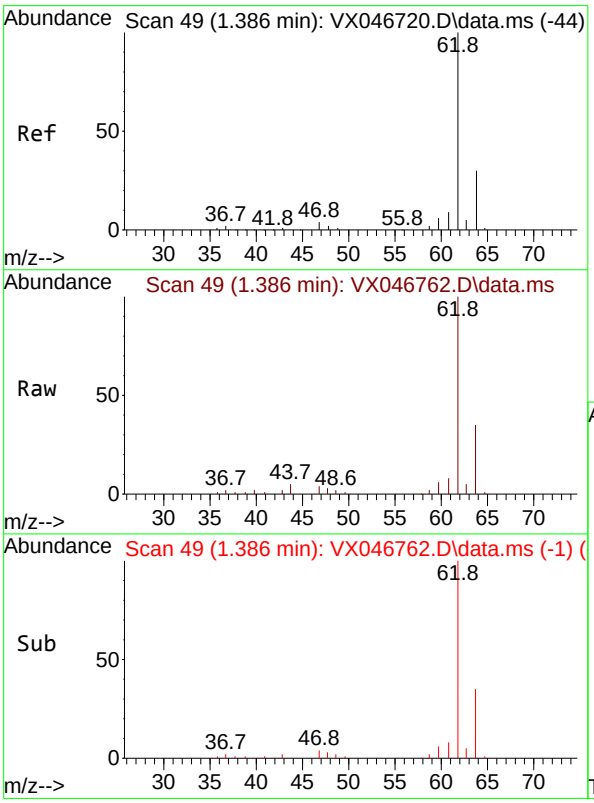
#3
Chloromethane
Concen: 18.707 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 50 Resp: 29736

Ion	Ratio	Lower	Upper
50	100		
52	31.9	24.9	37.3

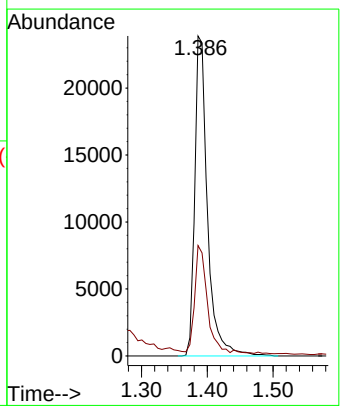


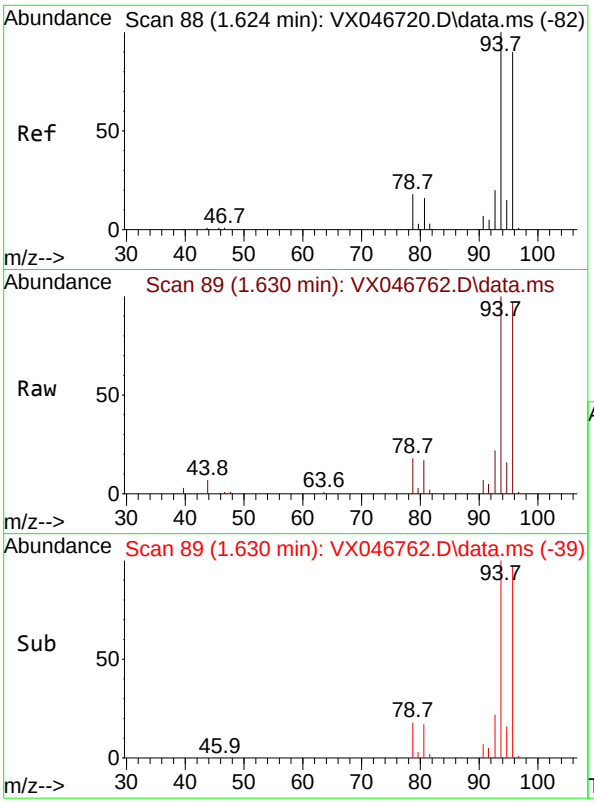


#4
Vinyl Chloride
Concen: 18.898 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 62 Resp: 32033

Ion	Ratio	Lower	Upper
62	100		
64	33.8	23.9	35.9



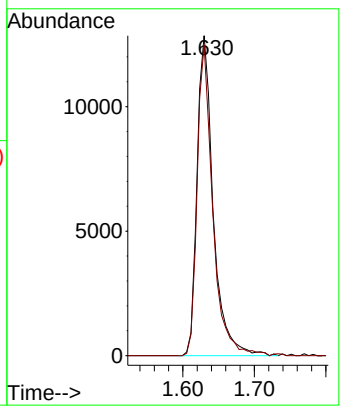


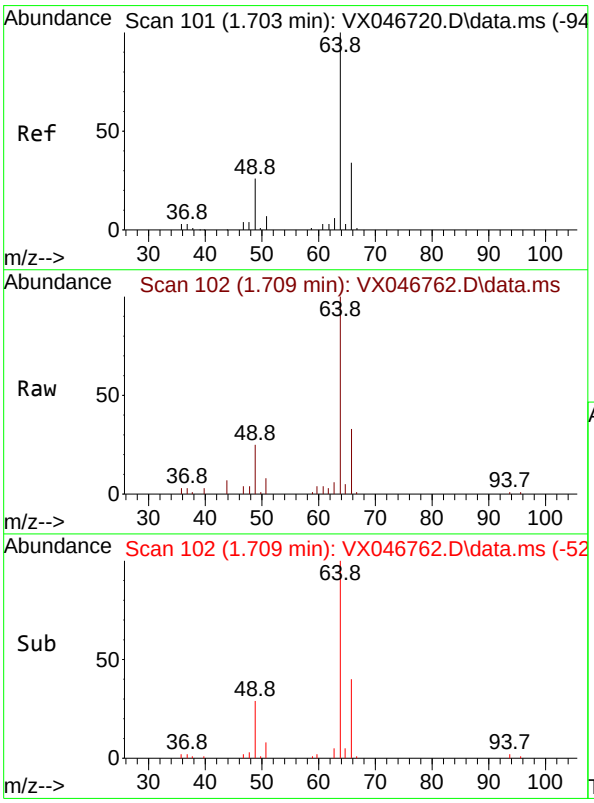
#5
Bromomethane
Concen: 21.172 ug/l
RT: 1.630 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 94 Resp: 20191

Ion	Ratio	Lower	Upper
94	100		
96	97.2	72.3	108.5

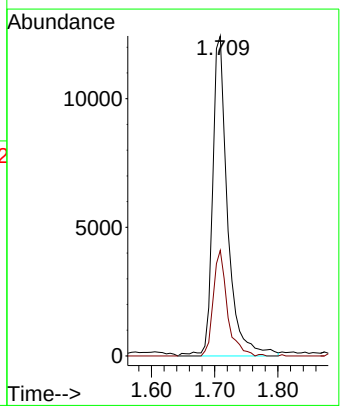


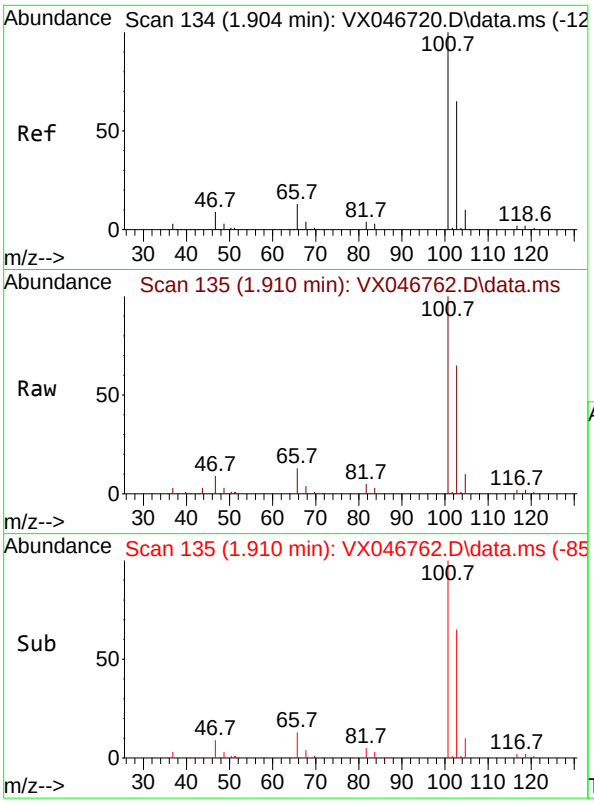


#6
Chloroethane
Concen: 19.923 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 64 Resp: 20468

Ion	Ratio	Lower	Upper
64	100		
66	33.0	27.1	40.7



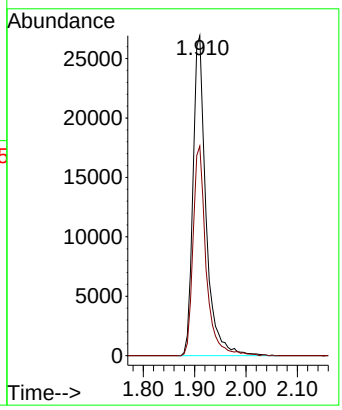


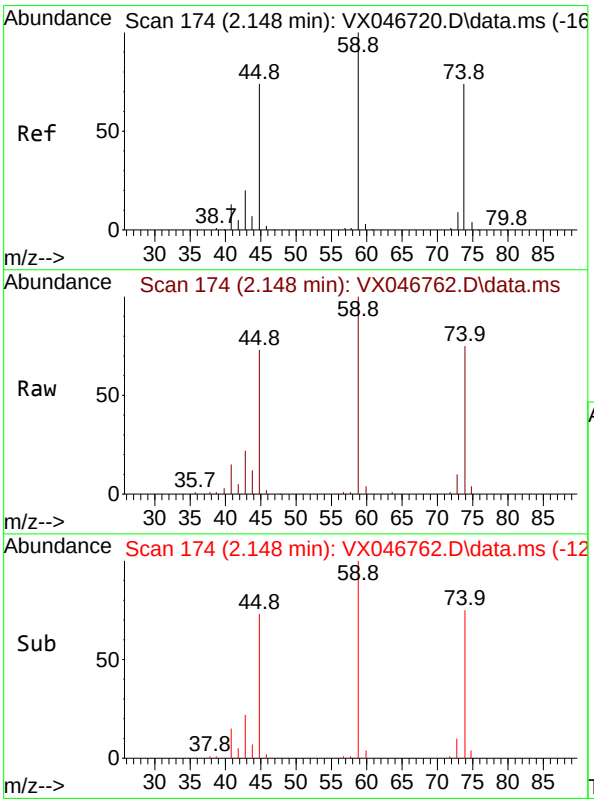
#7
Trichlorofluoromethane
Concen: 18.446 ug/l
RT: 1.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:101 Resp: 47476

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.8

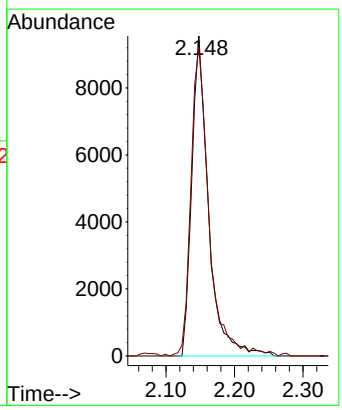


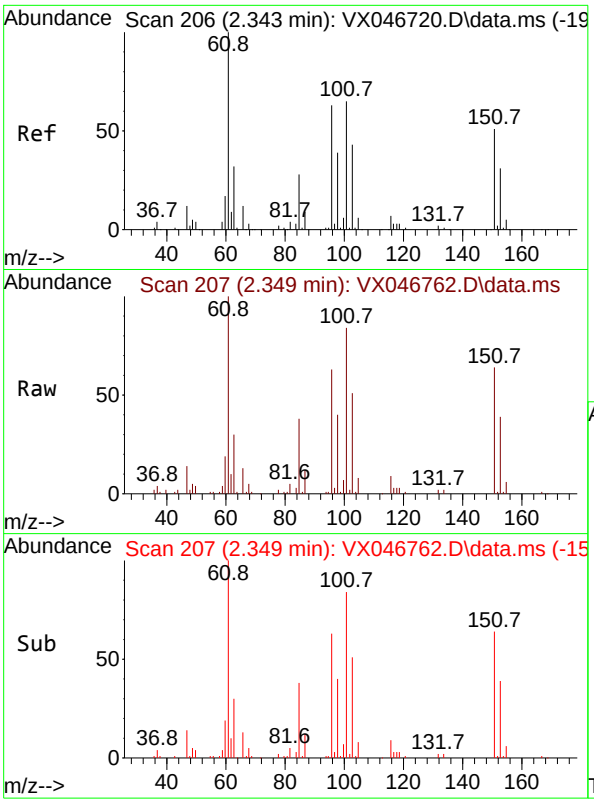


#8
Diethyl Ether
Concen: 18.400 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 74 Resp: 16252

Ion	Ratio	Lower	Upper
74	100		
45	104.0	52.3	157.1



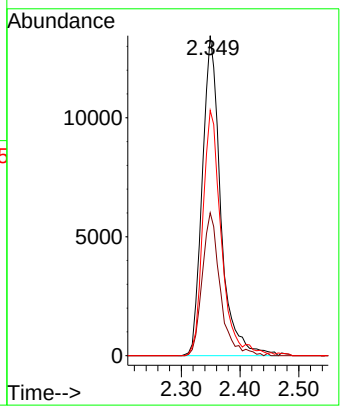


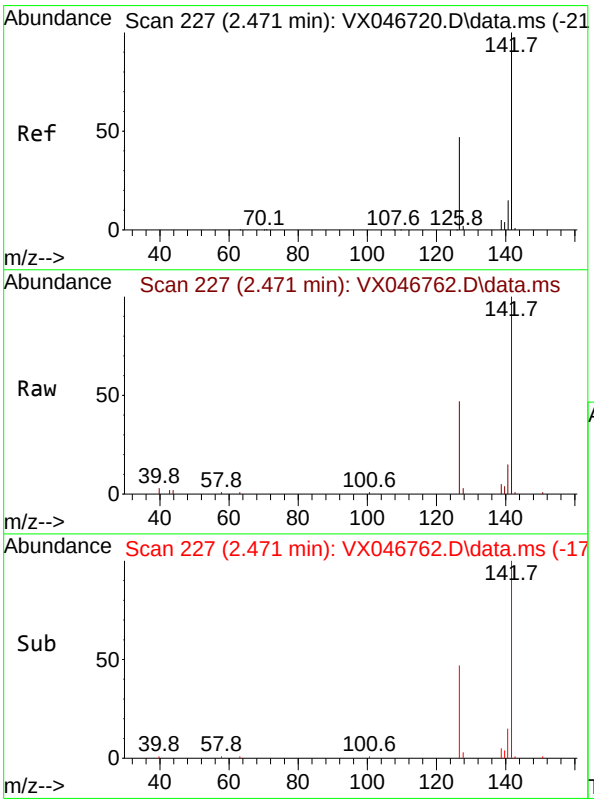
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.528 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:101 Resp: 29254

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.4	53.0
151	76.9	61.2	91.8

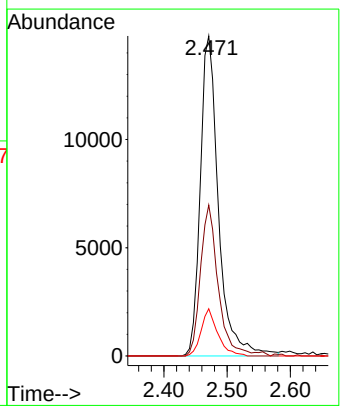


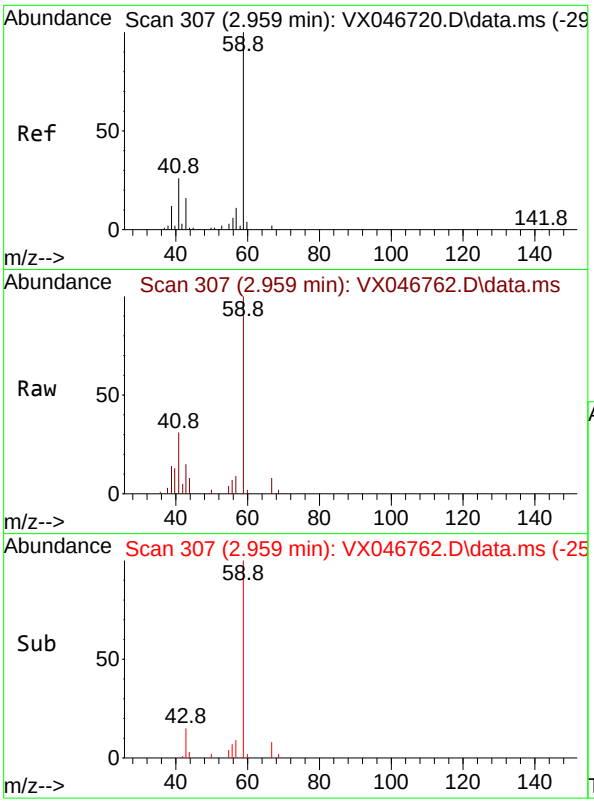


#10
Methyl Iodide
Concen: 18.018 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:142 Resp: 29614

Ion	Ratio	Lower	Upper
142	100		
127	45.8	37.0	55.6
141	13.4	11.5	17.3



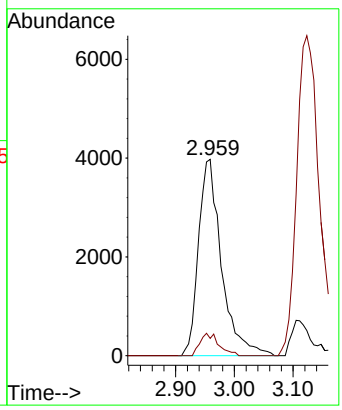


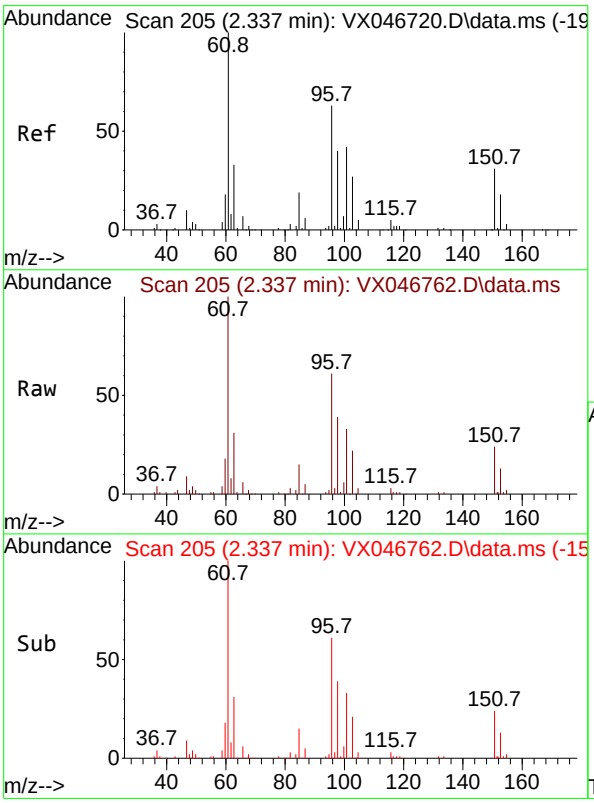
#11
Tert butyl alcohol
Concen: 63.126 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 59 Resp: 10810

Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.3	12.5

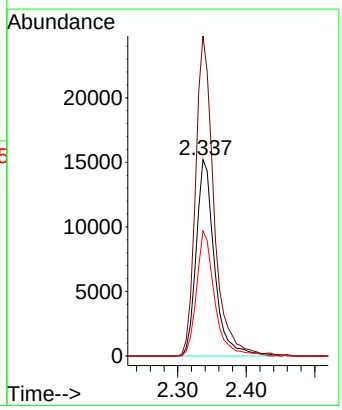


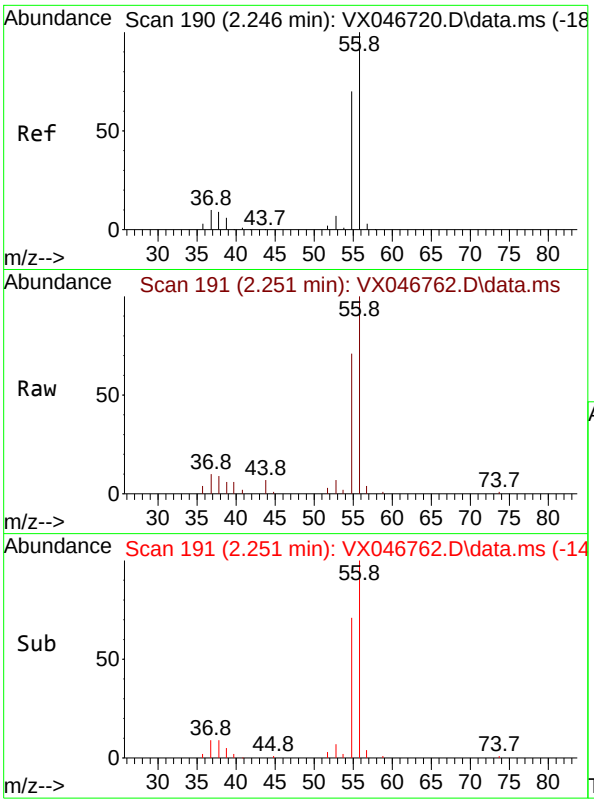


#12
1,1-Dichloroethene
Concen: 18.570 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 96 Resp: 28292

Ion	Ratio	Lower	Upper
96	100		
61	163.0	126.6	189.8
98	63.7	50.7	76.1



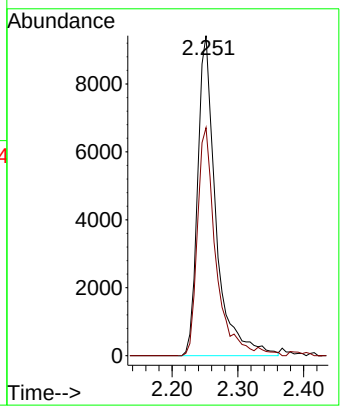


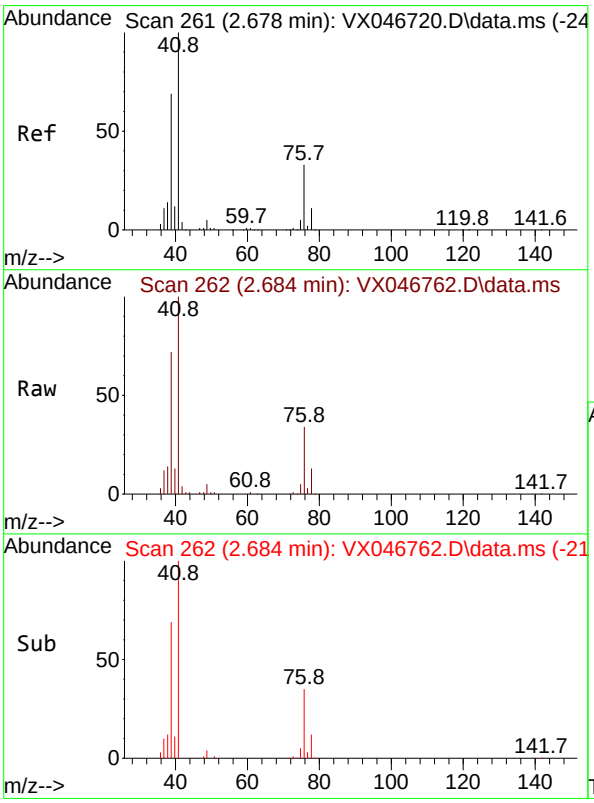
#13
Acrolein
Concen: 72.910 ug/l
RT: 2.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 56 Resp: 18186

Ion	Ratio	Lower	Upper
56	100		
55	70.9	55.2	82.8

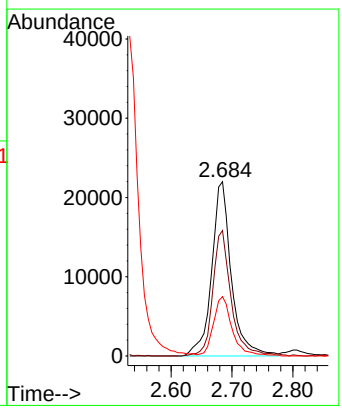


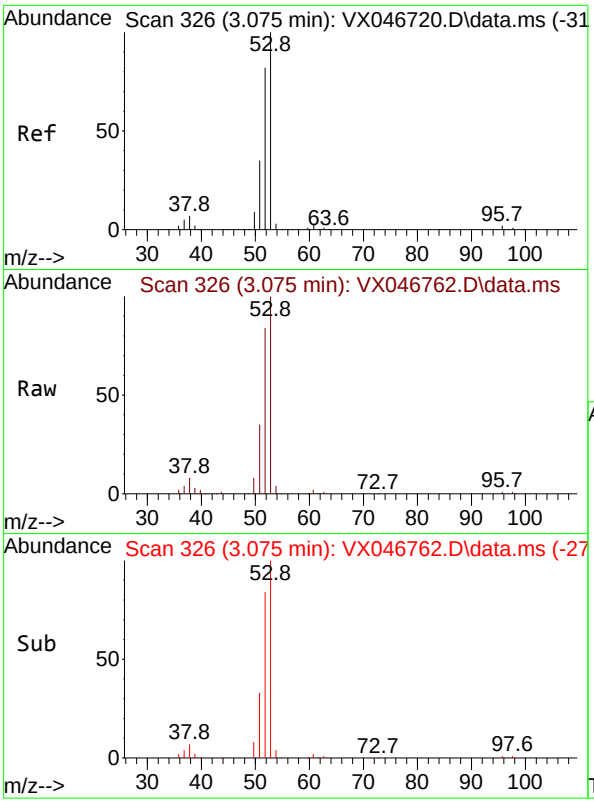


#14
Allyl chloride
Concen: 17.868 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 41 Resp: 49324

Ion	Ratio	Lower	Upper
41	100		
39	67.0	53.6	80.4
76	32.3	26.8	40.2



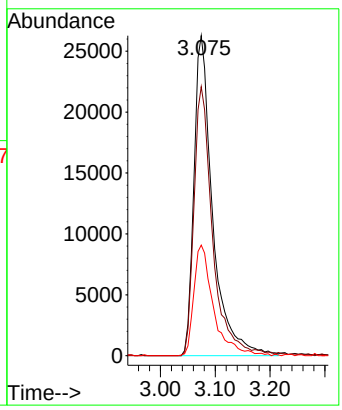


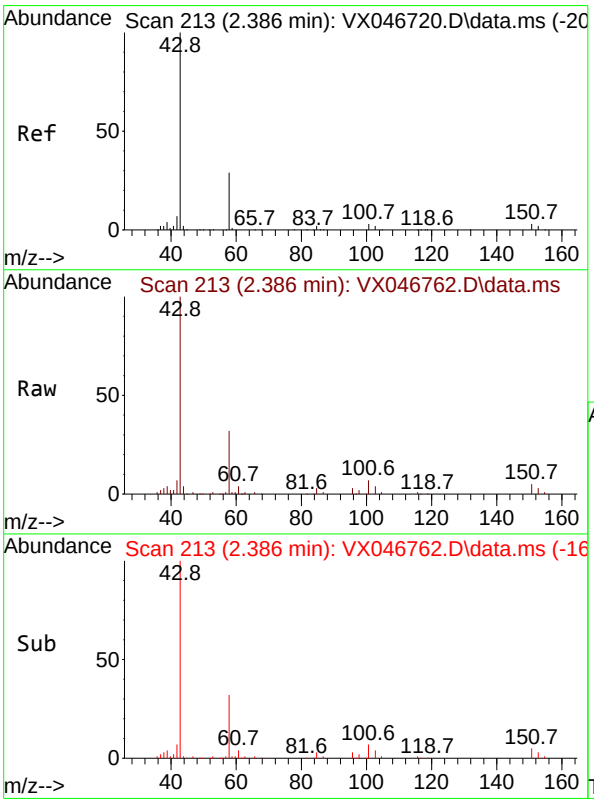
#15
Acrylonitrile
Concen: 81.119 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 53 Resp: 62463

Ion	Ratio	Lower	Upper
53	100		
52	83.7	65.1	97.7
51	36.4	28.9	43.3

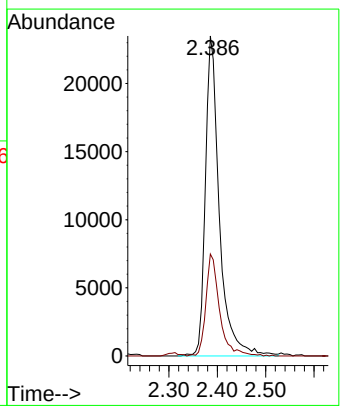


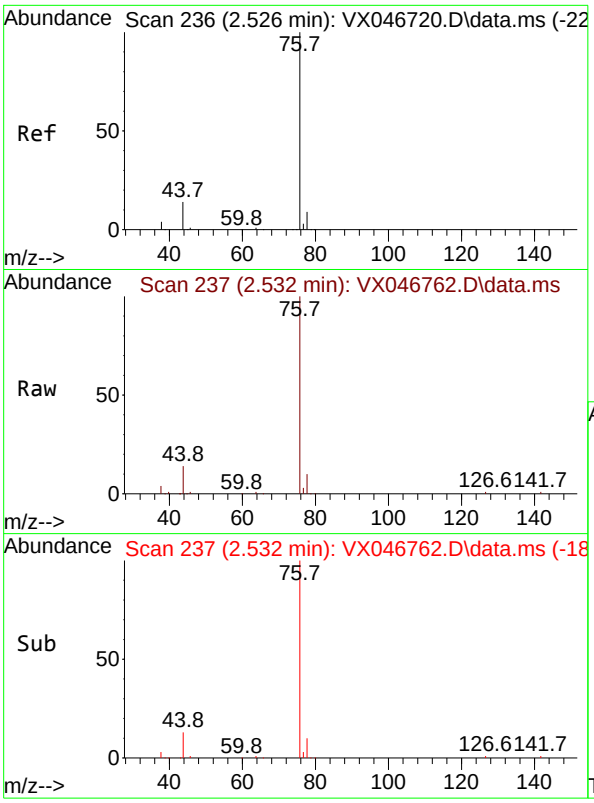


#16
Acetone
Concen: 74.096 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 47143

Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.5	36.7



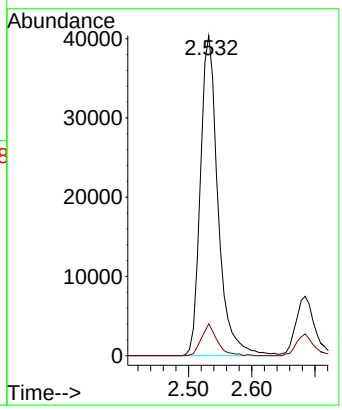


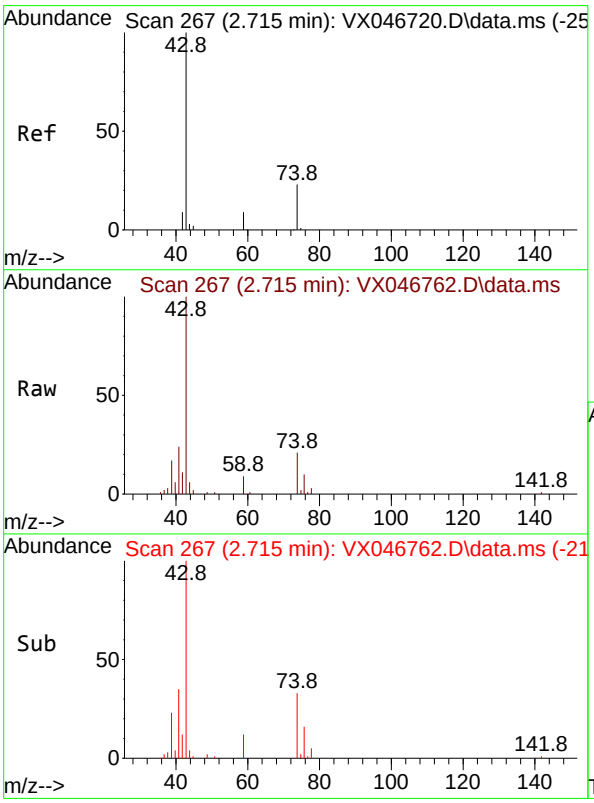
#17
Carbon Disulfide
Concen: 17.041 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 76 Resp: 78405

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.5	11.3

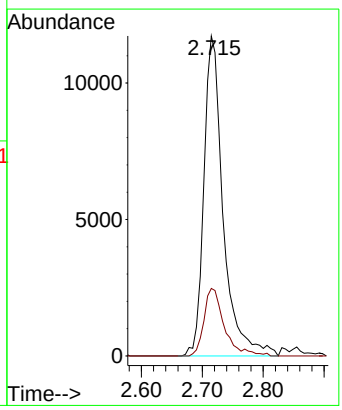


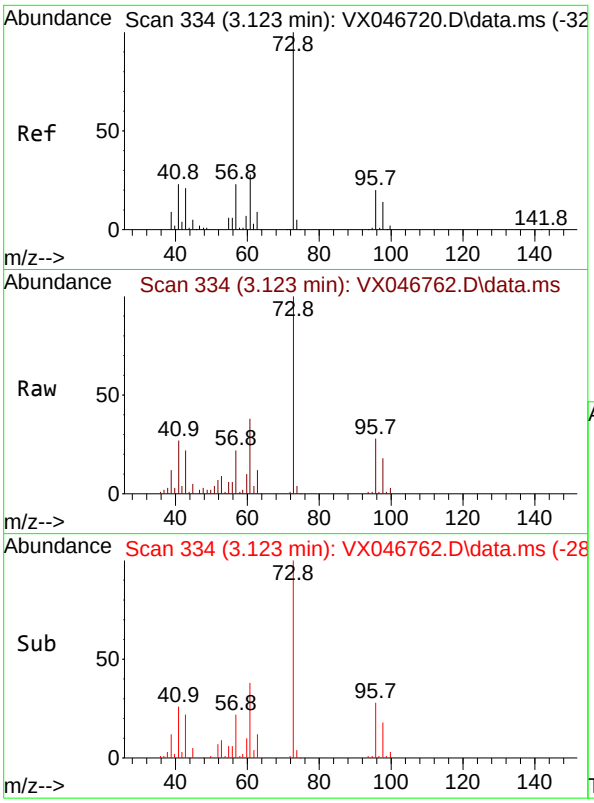


#18
Methyl Acetate
Concen: 16.004 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 25862

Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.4	27.6



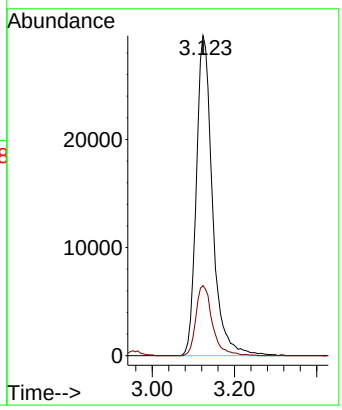


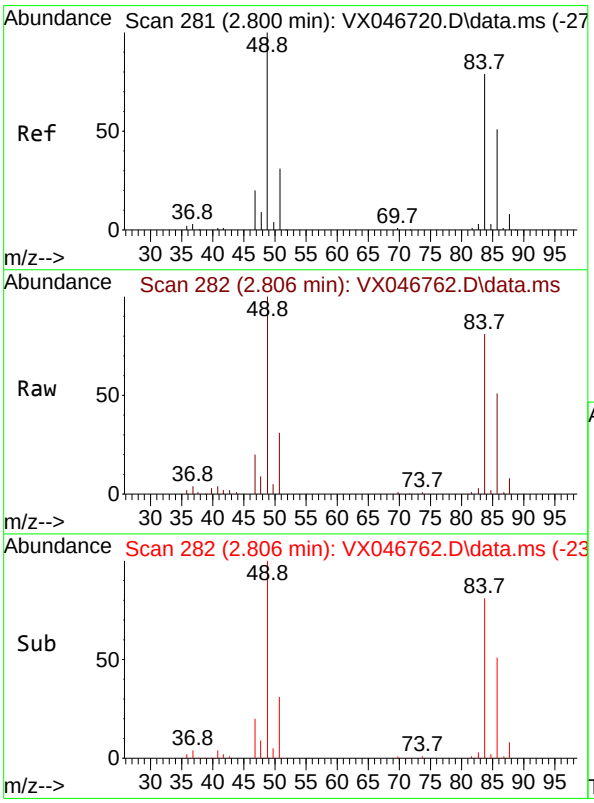
#19
Methyl tert-butyl Ether
Concen: 16.997 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 73 Resp: 80635

Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.2	27.2

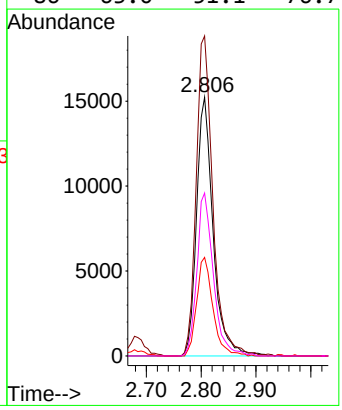


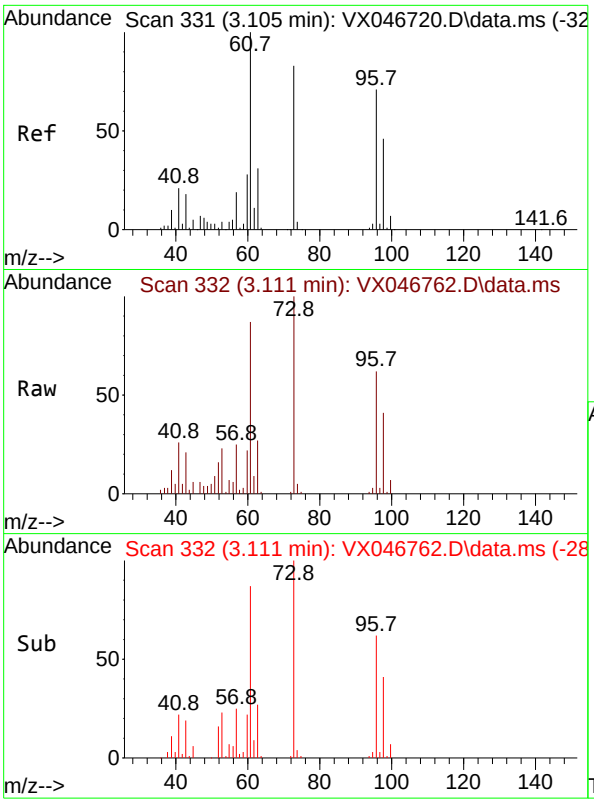


#20
Methylene Chloride
Concen: 18.113 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 84 Resp: 32048

Ion	Ratio	Lower	Upper
84	100		
49	123.7	101.3	151.9
51	38.1	31.0	46.6
86	63.0	51.1	76.7



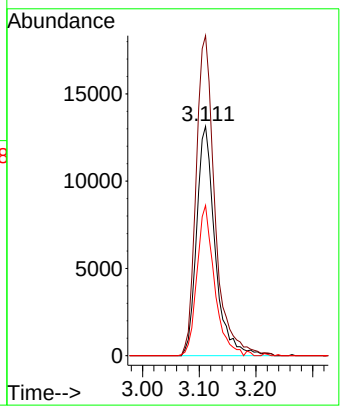


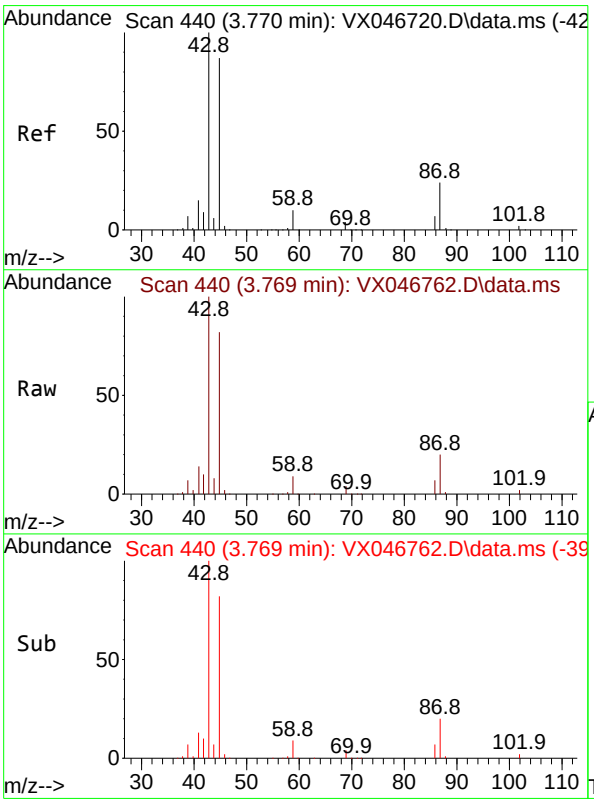
#21
trans-1,2-Dichloroethene
Concen: 18.253 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 96 Resp: 29757

Ion	Ratio	Lower	Upper
96	100		
61	139.5	112.5	168.7
98	65.5	51.9	77.9

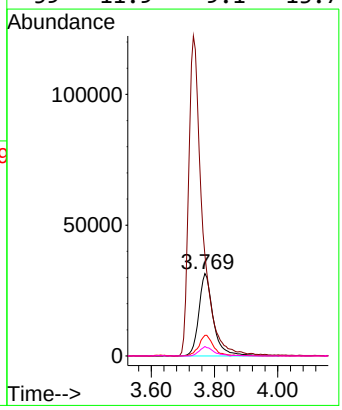


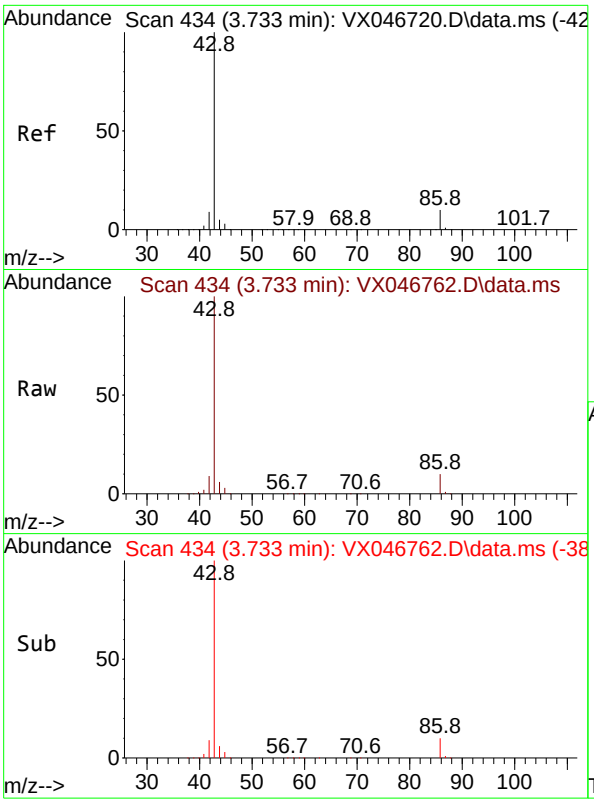


#22
Diisopropyl ether
Concen: 18.921 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 45 Resp: 100392

Ion	Ratio	Lower	Upper
45	100		
43	121.9	91.9	137.9
87	25.0	22.0	33.0
59	11.9	9.1	13.7



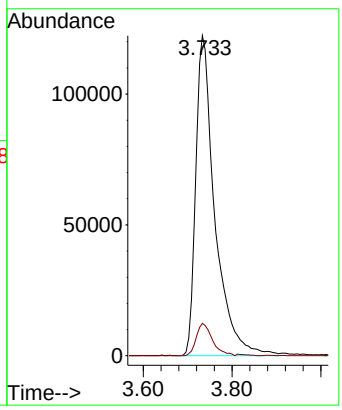


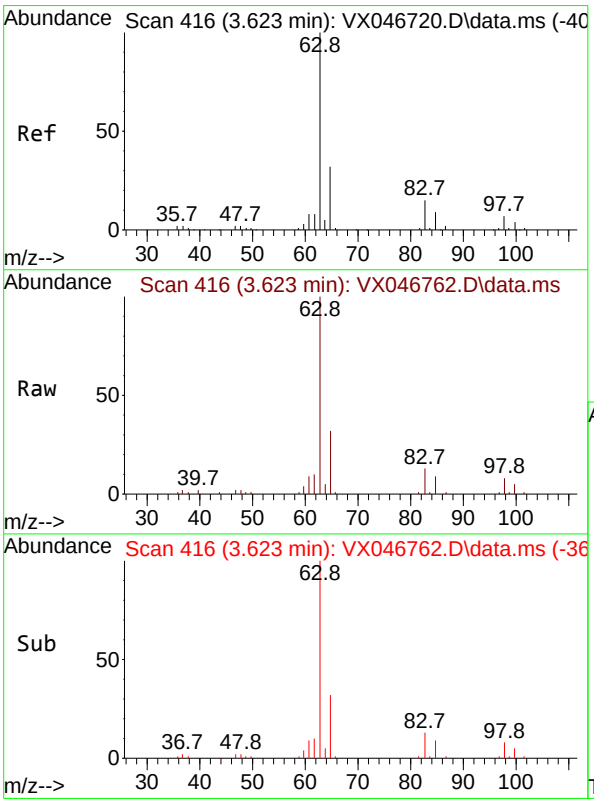
#23
Vinyl Acetate
Concen: 86.676 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 43 Resp: 365712

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.2	12.2

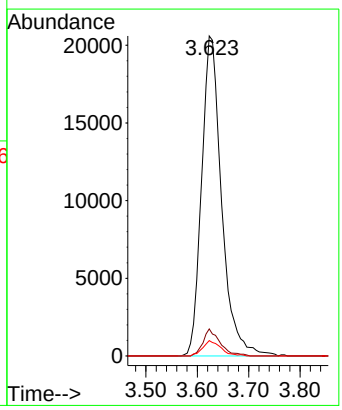


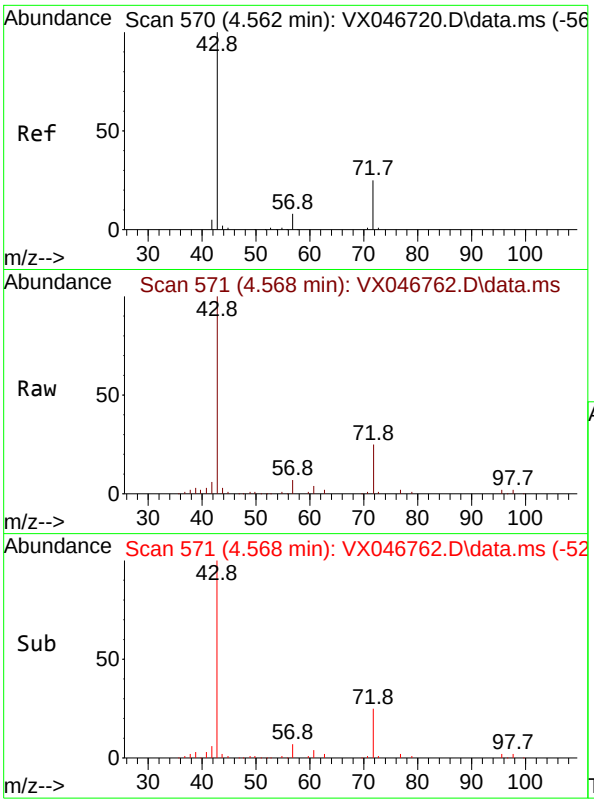


#24
1,1-Dichloroethane
Concen: 18.477 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 63 Resp: 55663

Ion	Ratio	Lower	Upper
63	100		
98	8.5	4.0	11.9
100	4.8	2.2	6.6



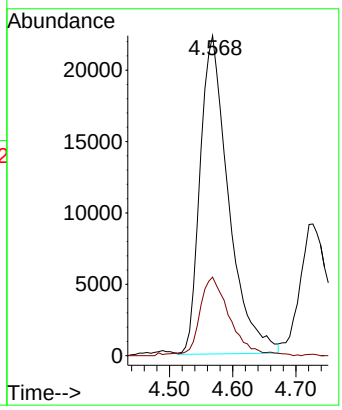


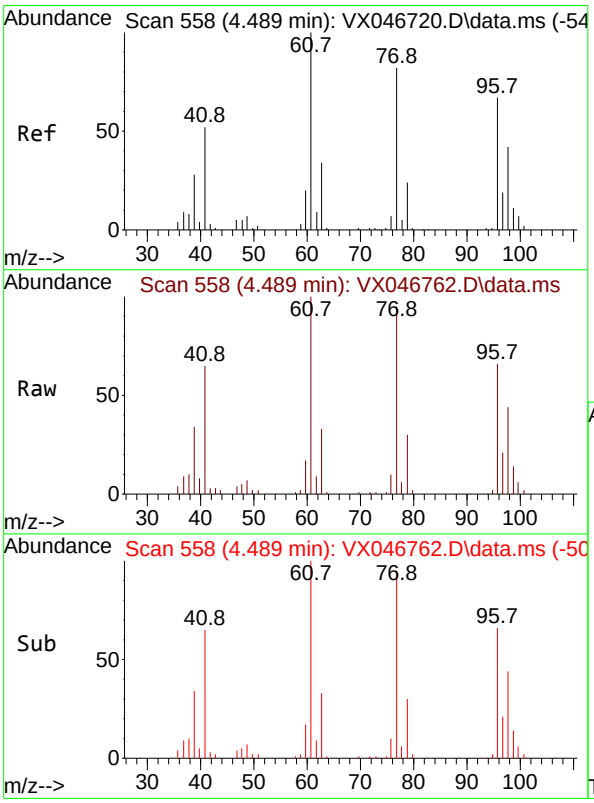
#25
2-Butanone
Concen: 77.416 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 43 Resp: 69661

Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.2	30.4

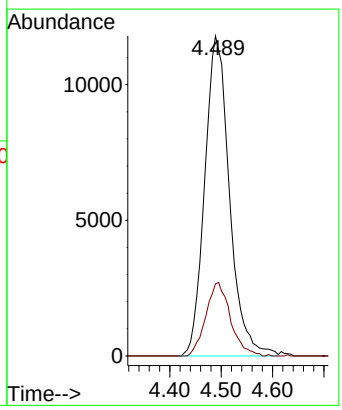


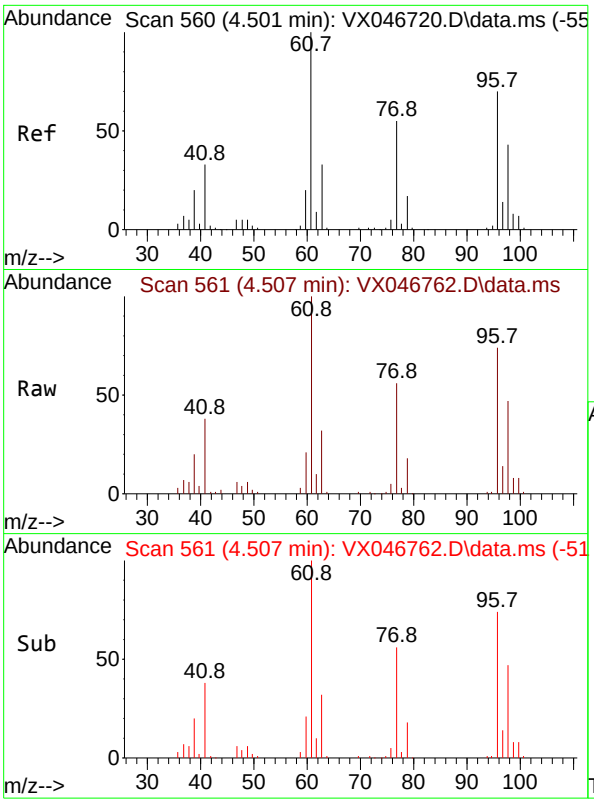


#26
2,2-Dichloropropane
Concen: 17.951 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 77 Resp: 39442

Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.8	35.3



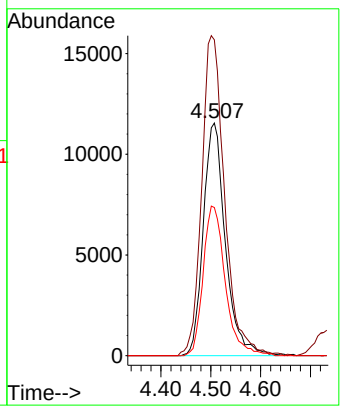


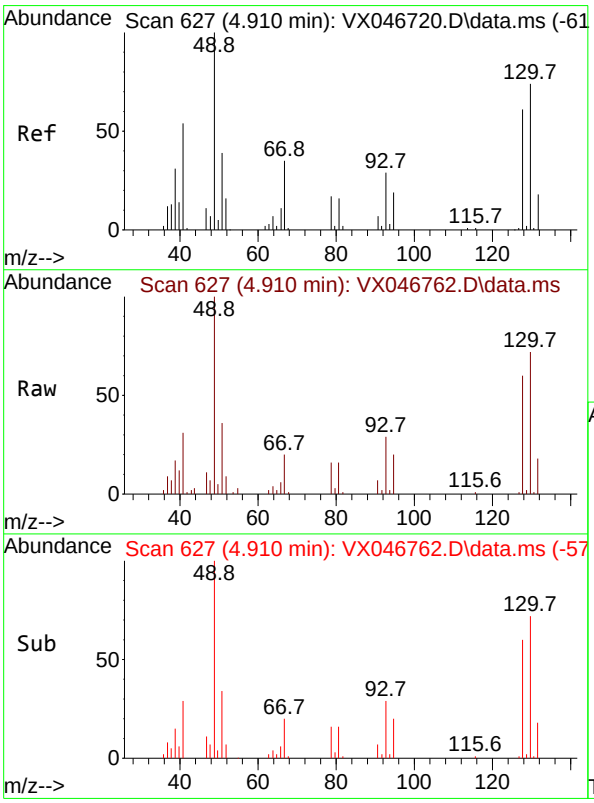
#27
cis-1,2-Dichloroethene
Concen: 18.560 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 96 Resp: 35547

Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	291.0
98	64.5	0.0	126.8

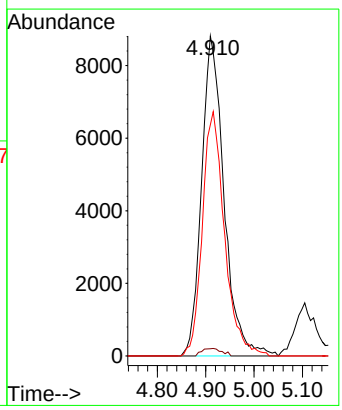


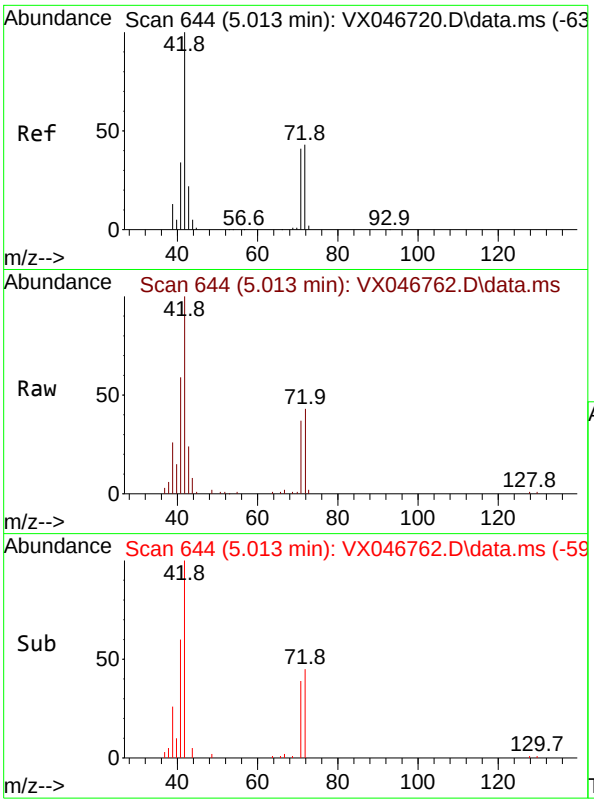


#28
Bromochloromethane
Concen: 20.816 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 49 Resp: 28430

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	75.5	61.4	92.0



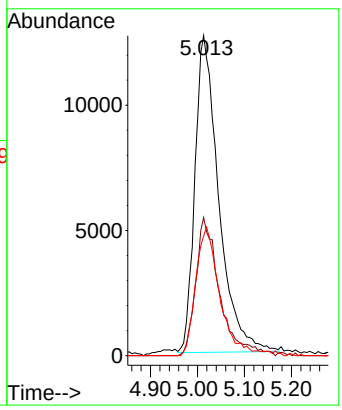


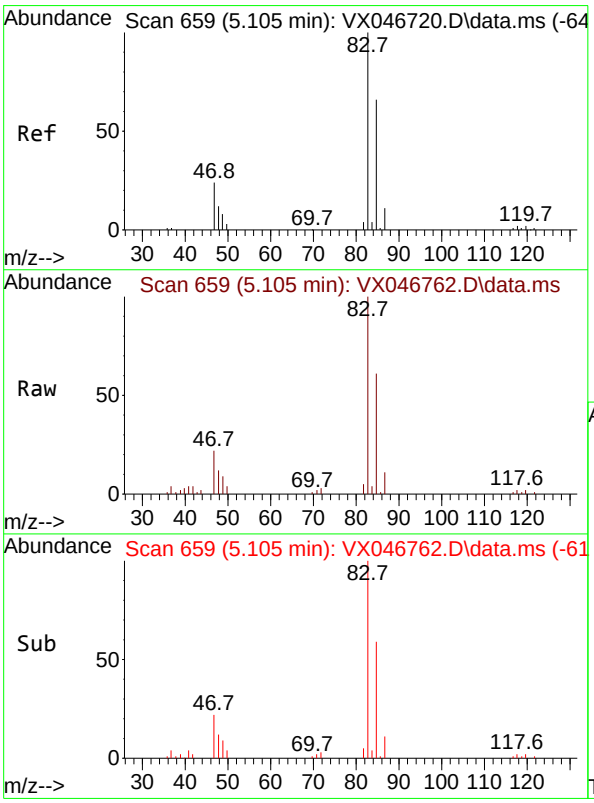
#29
Tetrahydrofuran
Concen: 76.721 ug/l
RT: 5.013 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 42 Resp: 44591

Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.9	52.3
71	41.1	32.2	48.2

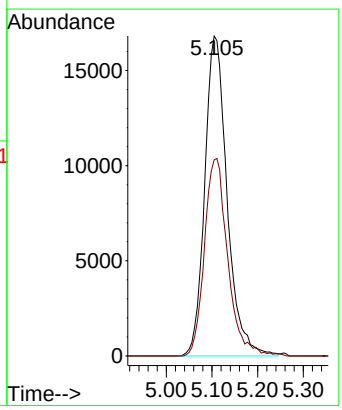


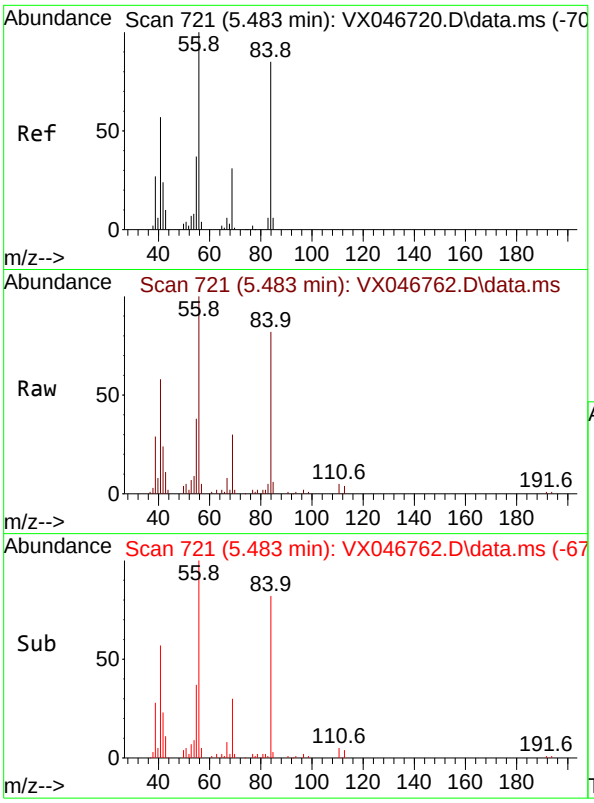


#30
Chloroform
Concen: 18.982 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 83 Resp: 57187

Ion	Ratio	Lower	Upper
83	100		
85	61.3	53.7	80.5



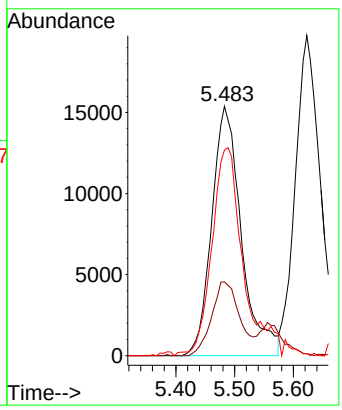


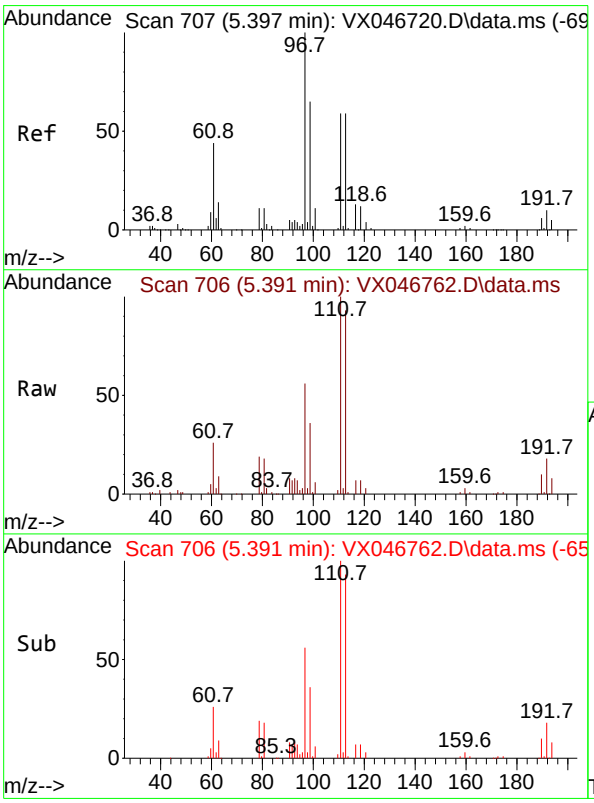
#31
Cyclohexane
Concen: 18.836 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 56 Resp: 53811

Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.8	37.2
84	81.2	68.2	102.2

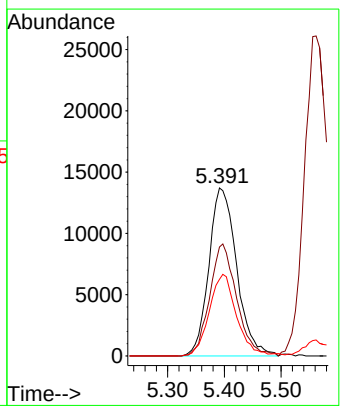


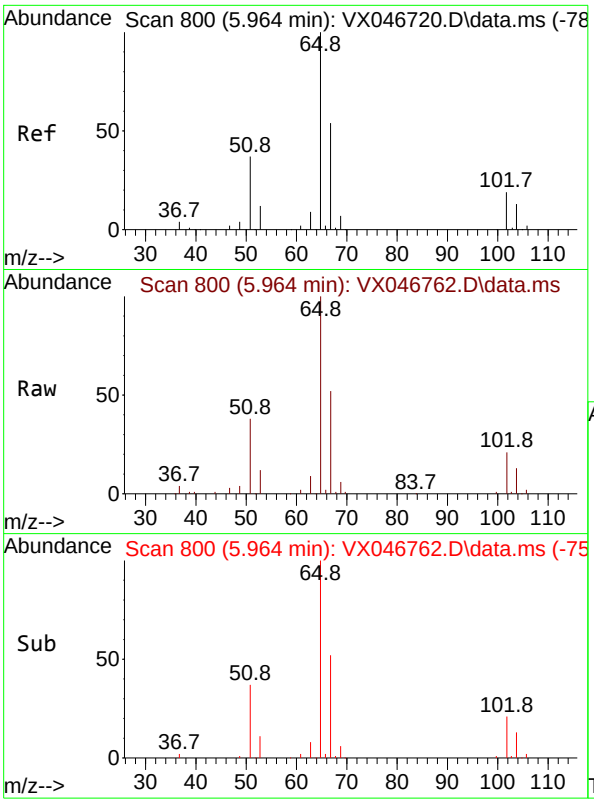


#32
1,1,1-Trichloroethane
Concen: 17.665 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 97 Resp: 46675

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	47.4	36.4	54.6



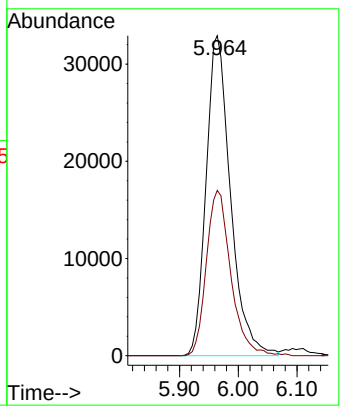


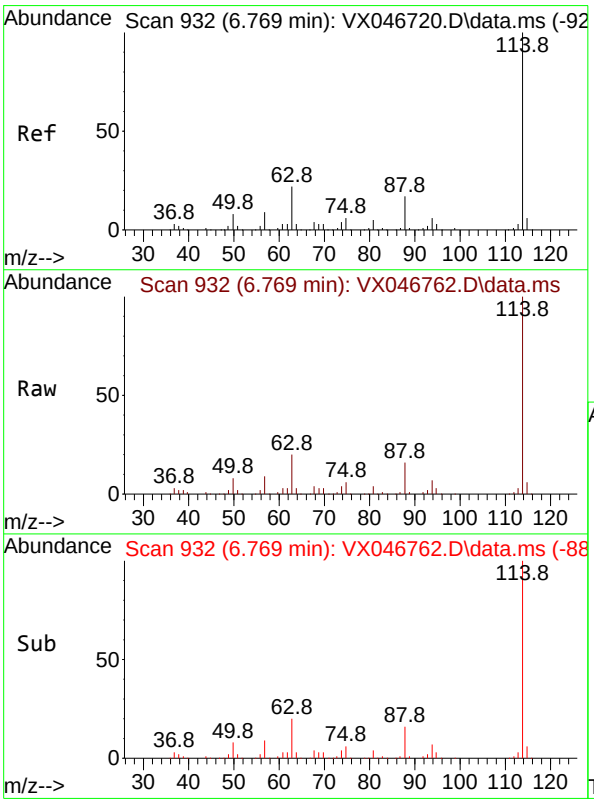
#33
1,2-Dichloroethane-d4
Concen: 49.765 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 65 Resp: 94946

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.4

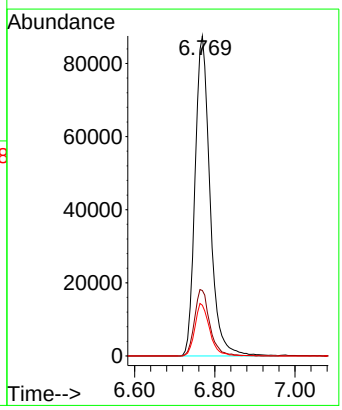


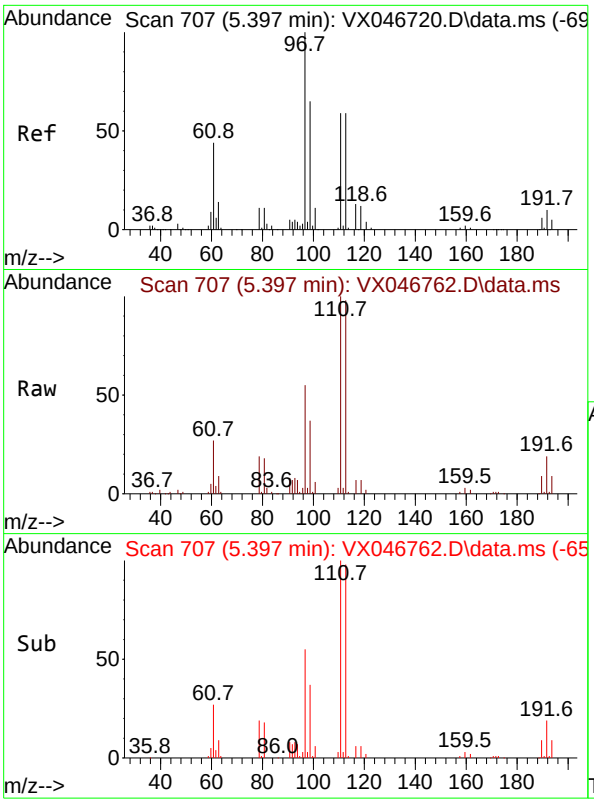


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:114 Resp: 227140

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.2
88	15.8	0.0	33.2



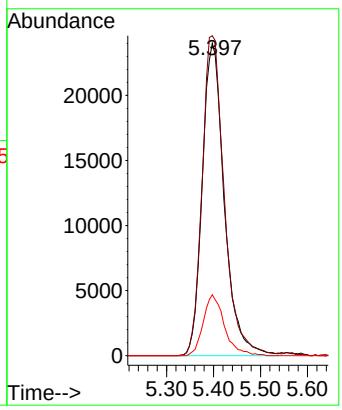


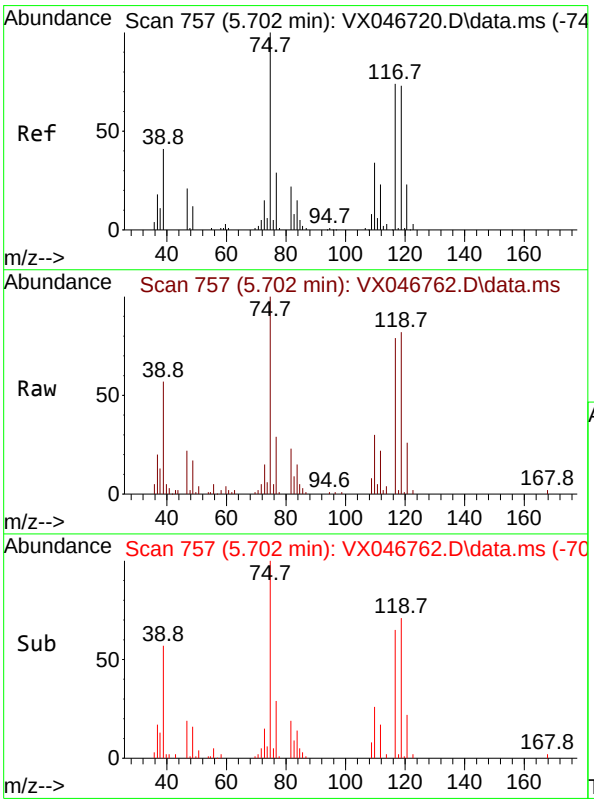
#35
Dibromofluoromethane
Concen: 52.032 ug/l
RT: 5.397 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:113 Resp: 78196

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	18.8	15.3	22.9

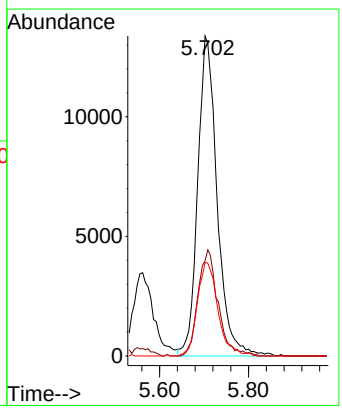


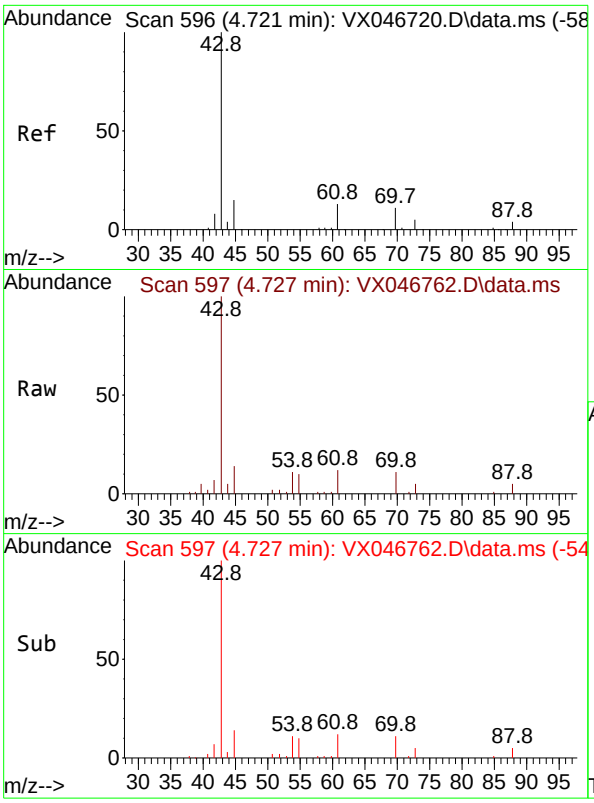


#36
1,1-Dichloropropene
Concen: 18.754 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 75 Resp: 40684

Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.2	51.5
77	31.1	24.2	36.4



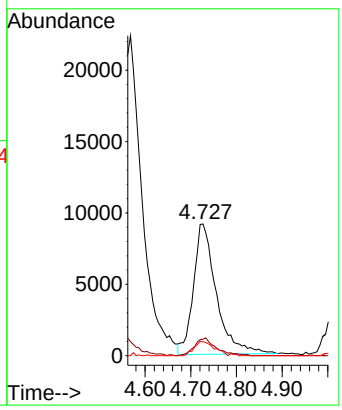


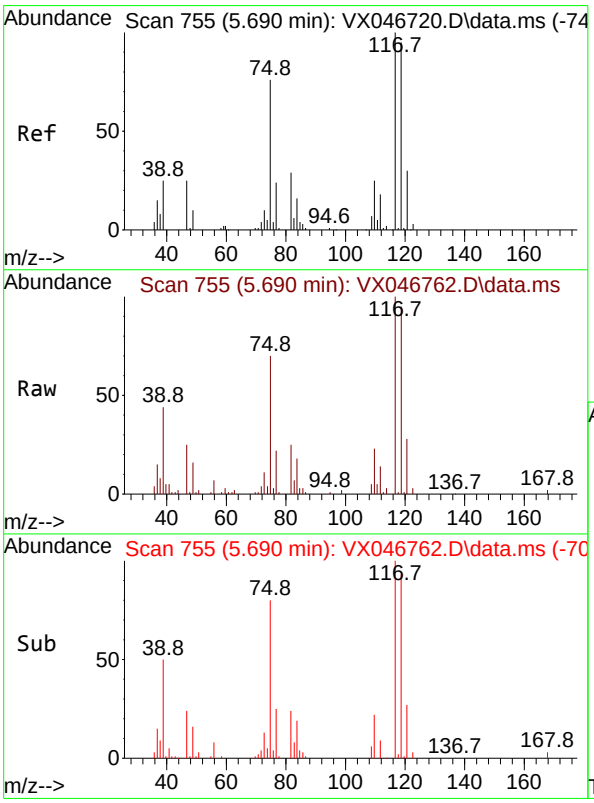
#37
Ethyl Acetate
Concen: 15.895 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 43 Resp: 31829

Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.7	14.5
70	9.5	8.1	12.1

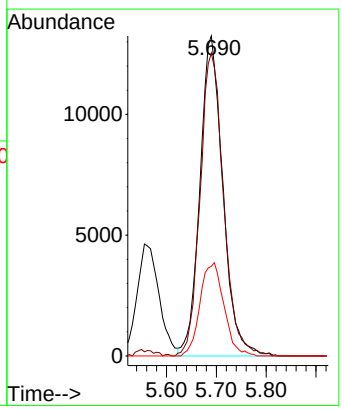


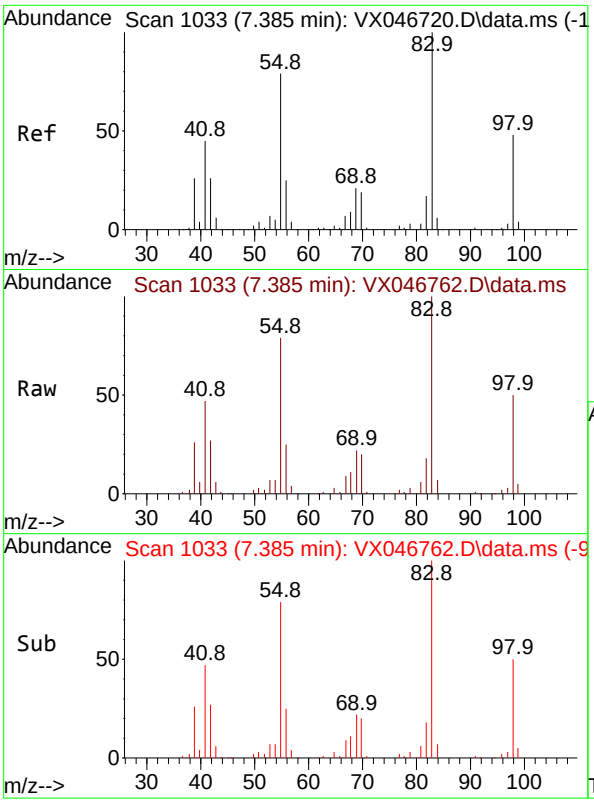


#38
Carbon Tetrachloride
Concen: 18.031 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:117 Resp: 42451

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.2	112.8
121	28.0	24.1	36.1



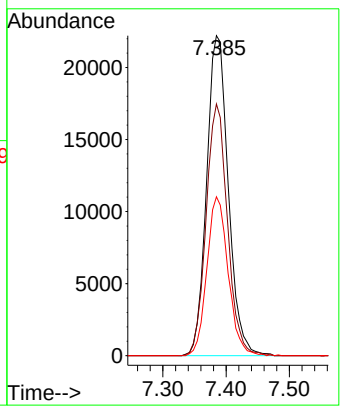


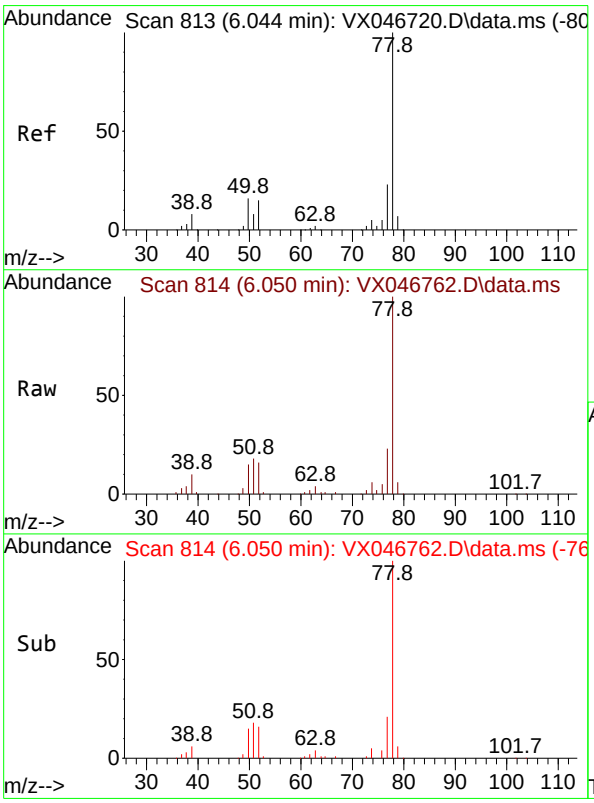
#39
Methylcyclohexane
Concen: 18.541 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 83 Resp: 52931

Ion	Ratio	Lower	Upper
83	100		
55	78.7	63.0	94.4
98	49.6	38.8	58.2

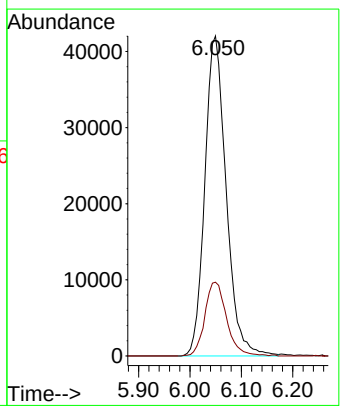


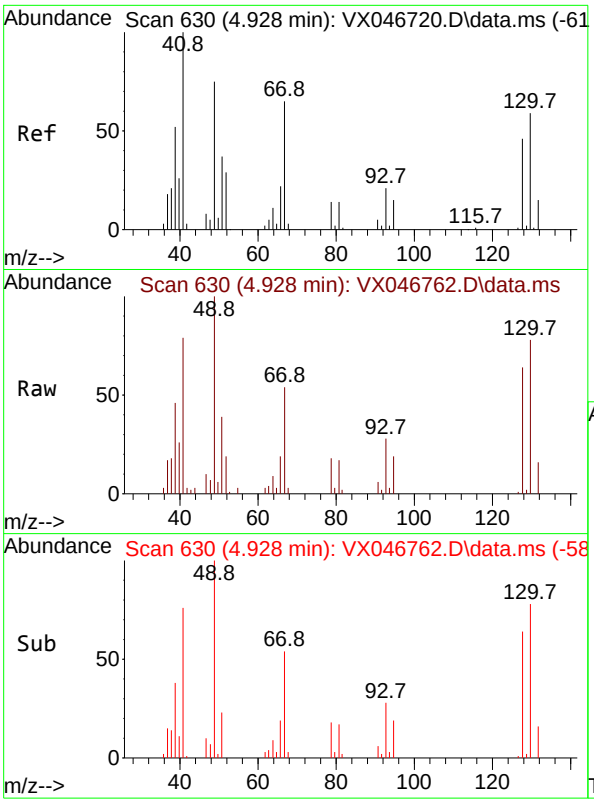


#40
Benzene
Concen: 18.864 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 78 Resp: 121111

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2



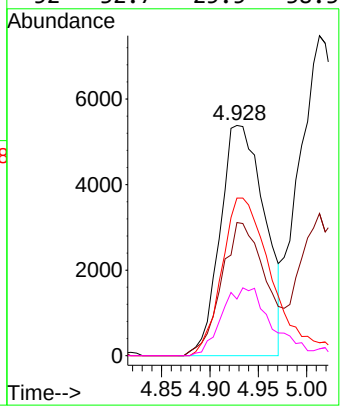


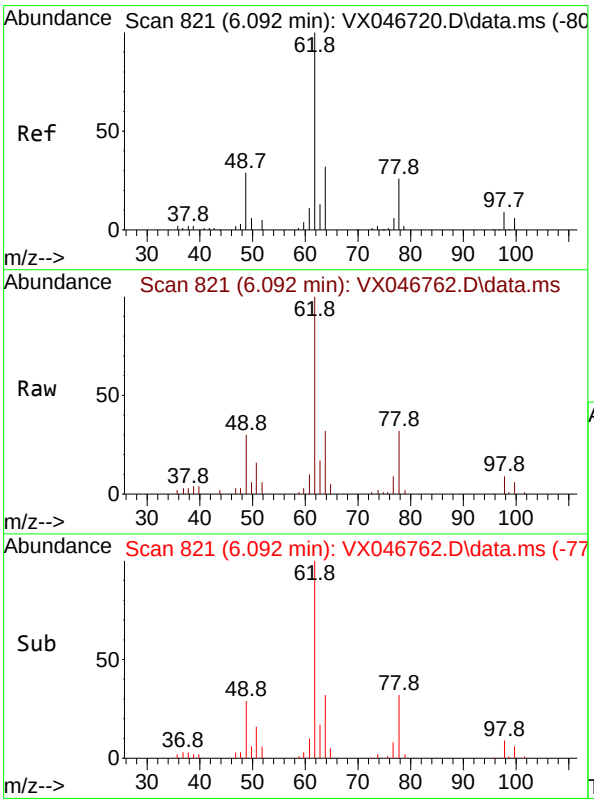
#41
Methacrylonitrile
Concen: 16.137 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 41 Resp: 17227

Ion	Ratio	Lower	Upper
41	100		
39	58.4	45.9	68.9
67	77.6	61.2	91.8
52	32.7	25.5	38.3

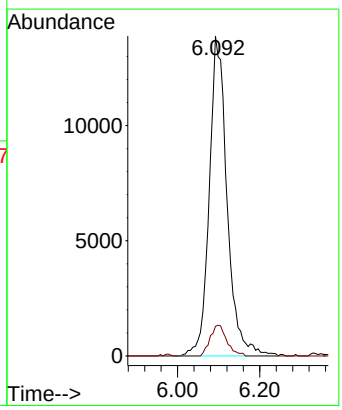


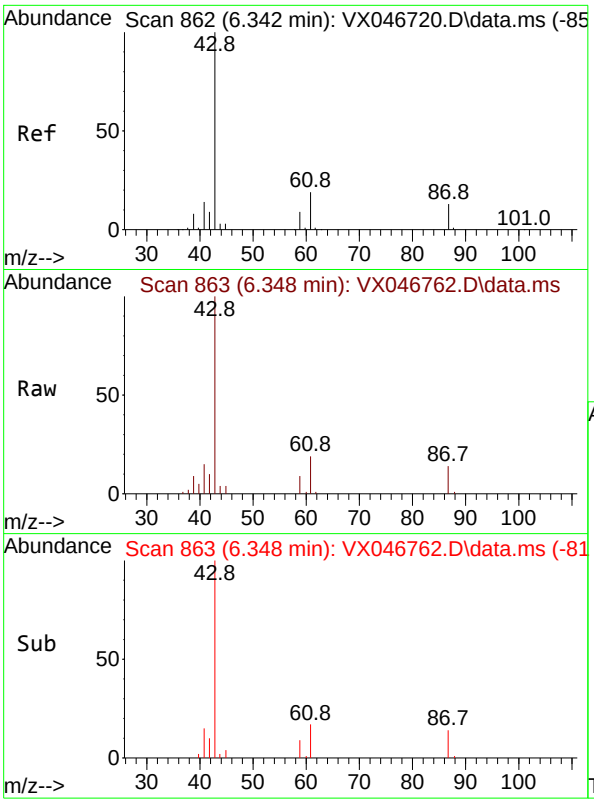


#42
1,2-Dichloroethane
Concen: 18.518 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 62 Resp: 41780

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



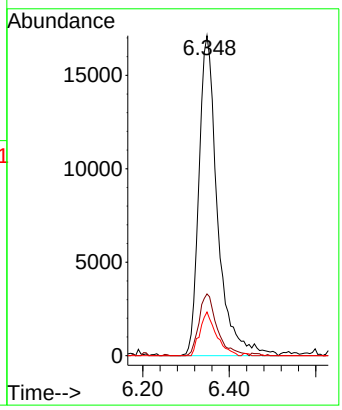


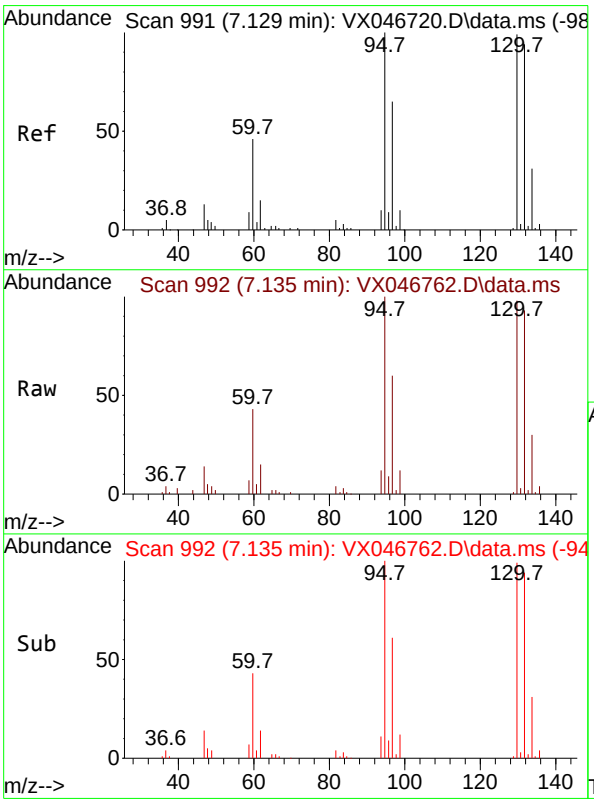
#43
Isopropyl Acetate
Concen: 16.286 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 43 Resp: 51032

Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.3	22.9
87	12.0	10.0	15.0

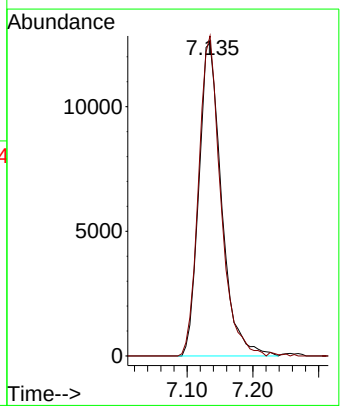


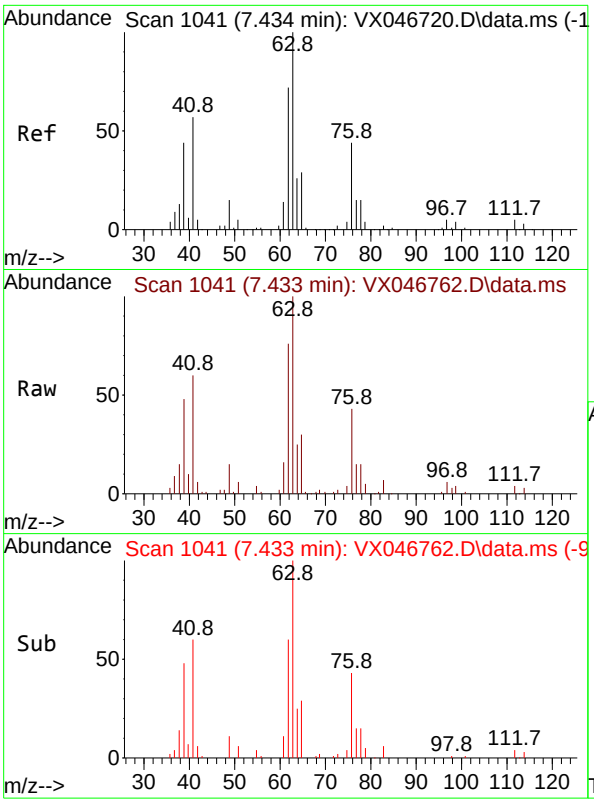


#44
Trichloroethene
Concen: 18.392 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:130 Resp: 30093

Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	202.6



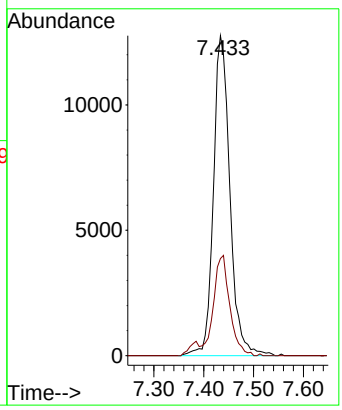


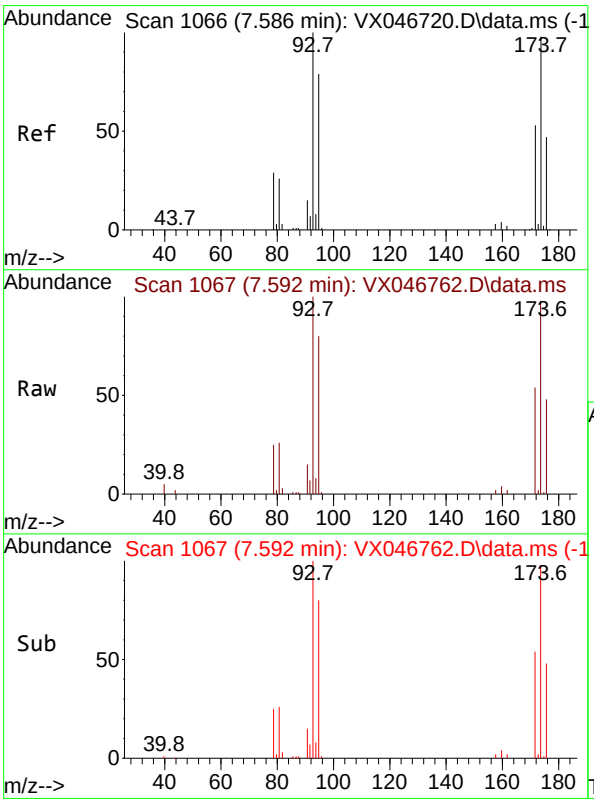
#45
1,2-Dichloropropane
Concen: 18.429 ug/l
RT: 7.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 63 Resp: 29323

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.9	34.3

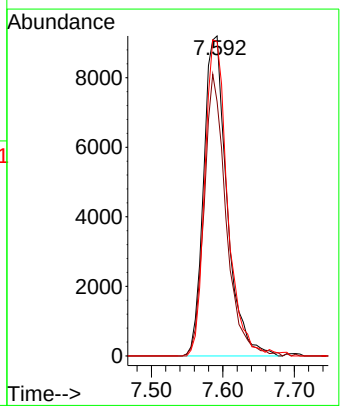


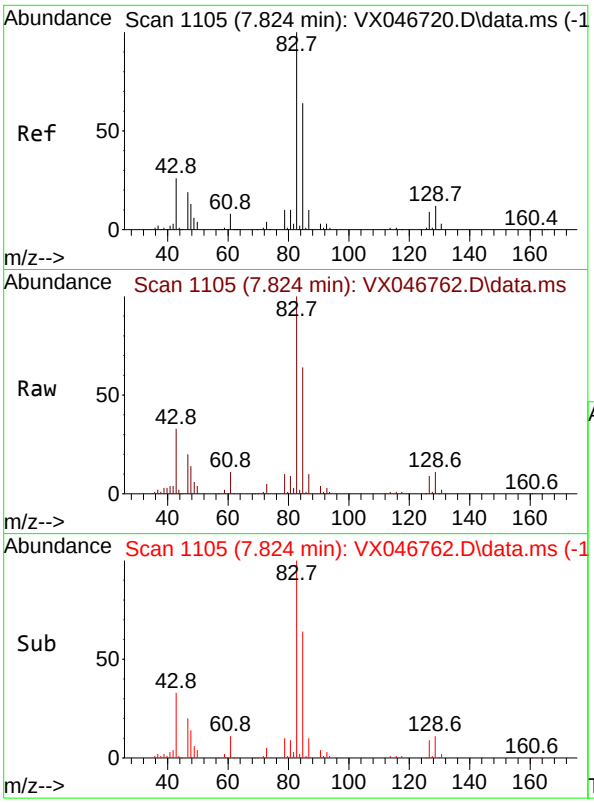


#46
Dibromomethane
Concen: 18.181 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 93 Resp: 20791

Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.2	99.4
174	97.3	77.0	115.6



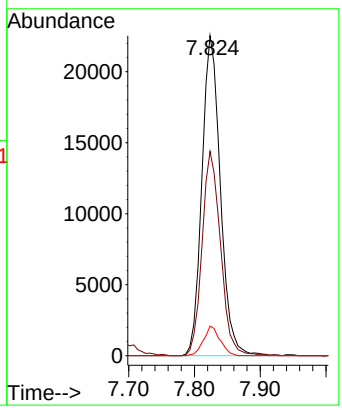


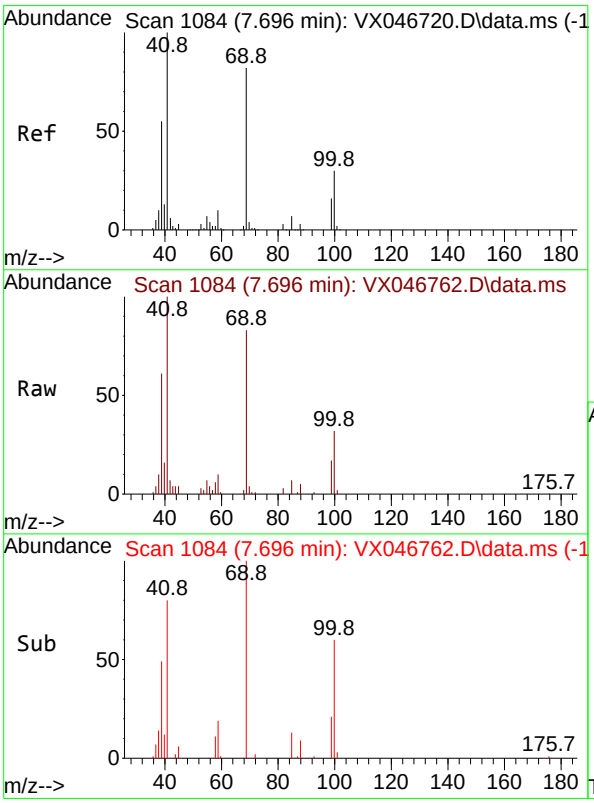
#47
Bromodichloromethane
Concen: 18.870 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 83 Resp: 44034

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.4	77.2
127	9.3	6.9	10.3

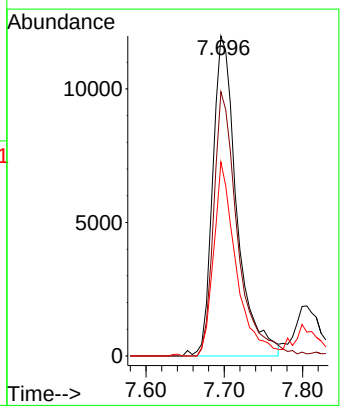


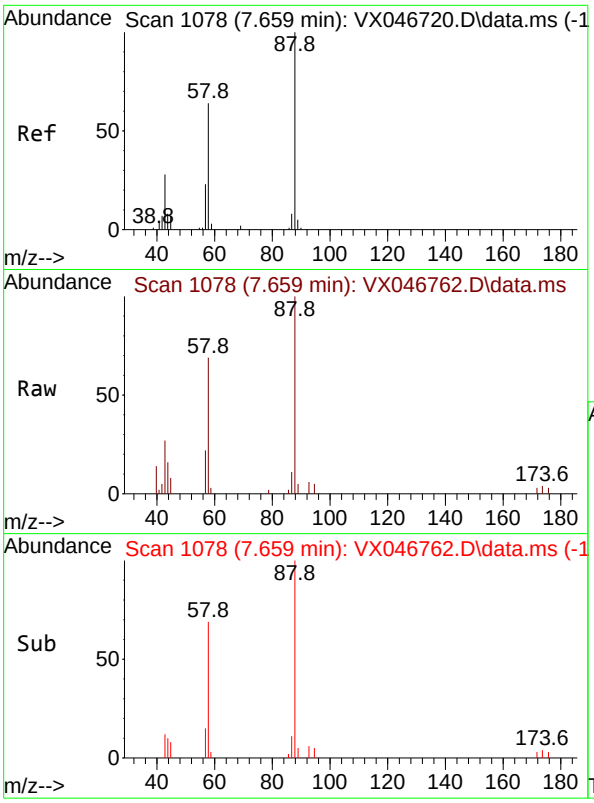


#48
Methyl methacrylate
Concen: 16.301 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 41 Resp: 25618

Ion	Ratio	Lower	Upper
41	100		
69	82.0	63.4	95.2
39	57.0	45.4	68.0



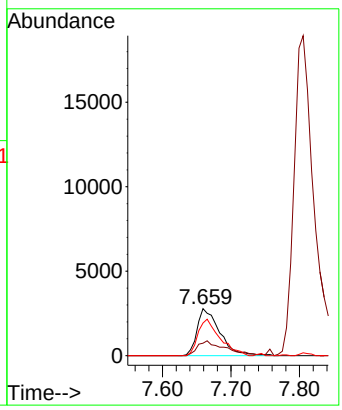


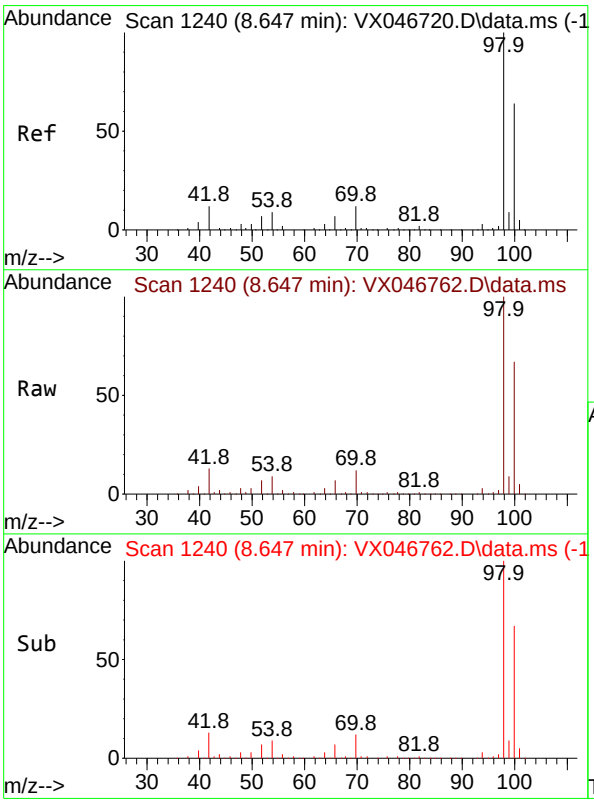
#49
1,4-Dioxane
Concen: 299.149 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 88 Resp: 6374

Ion	Ratio	Lower	Upper
88	100		
43	38.3	31.2	46.8
58	75.1	54.7	82.1

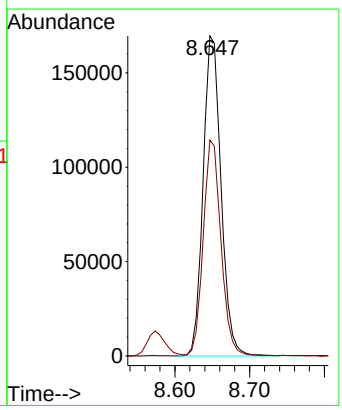


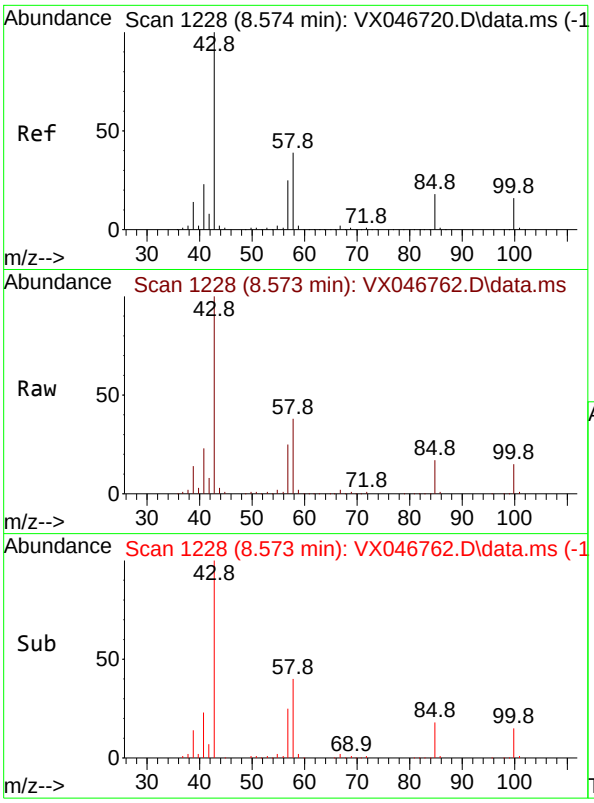


#50
Toluene-d8
Concen: 52.340 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 98 Resp: 282602

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



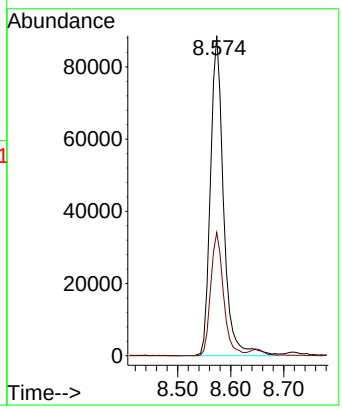


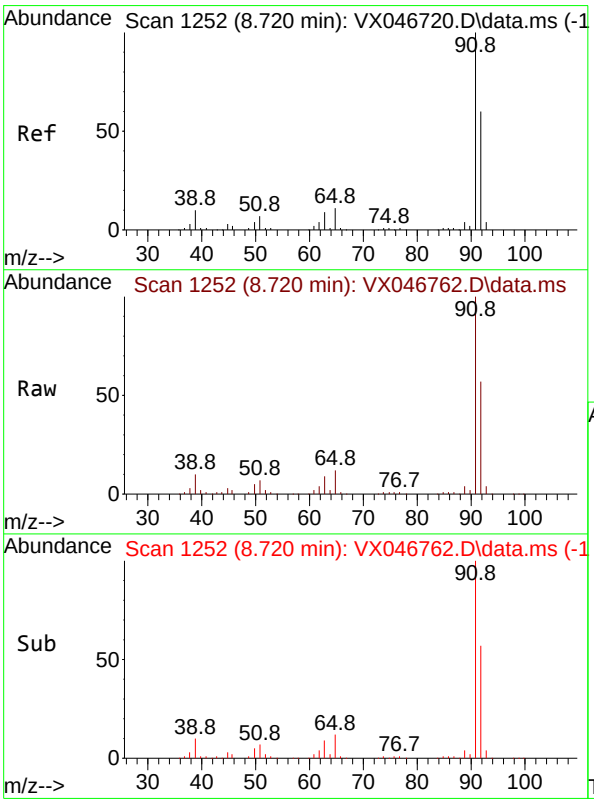
#51
4-Methyl-2-Pentanone
Concen: 81.636 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 43 Resp: 152568

Ion	Ratio	Lower	Upper
43	100		
58	37.5	30.8	46.2

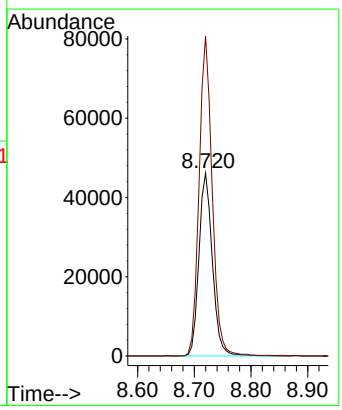


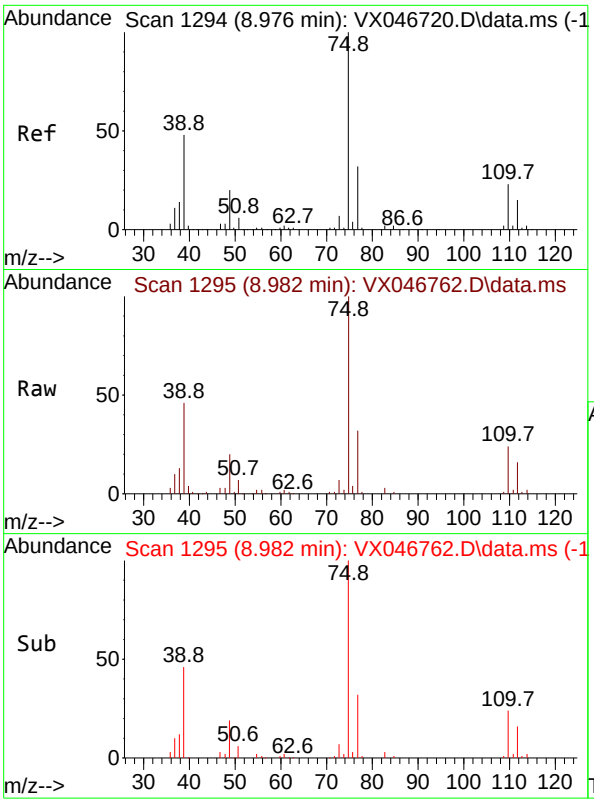


#52
Toluene
Concen: 19.048 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 92 Resp: 75814

Ion	Ratio	Lower	Upper
92	100		
91	170.6	134.8	202.2



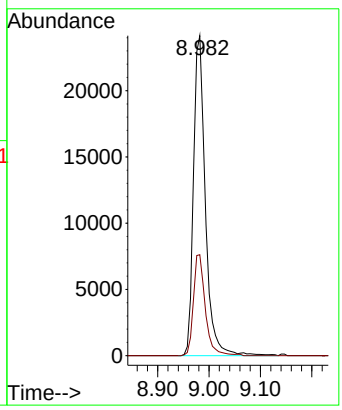


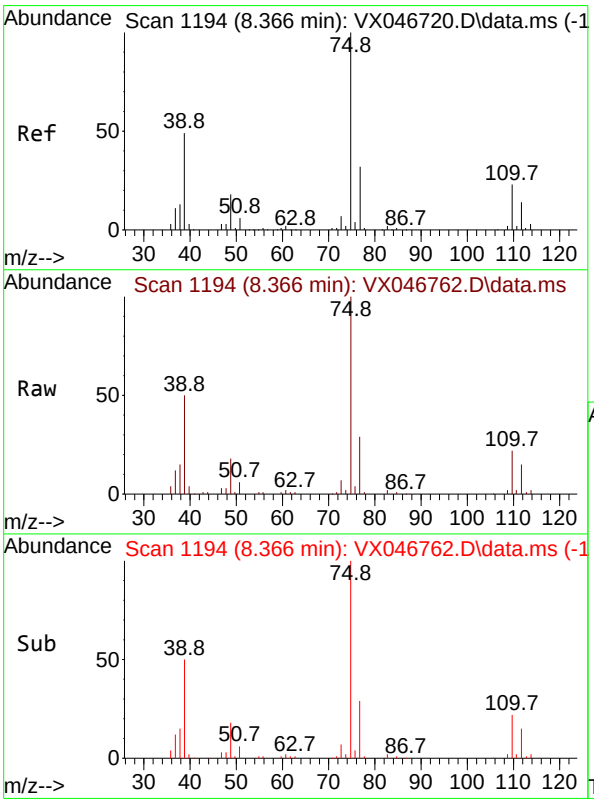
#53
t-1,3-Dichloropropene
Concen: 17.985 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 75 Resp: 38942

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.6	38.4

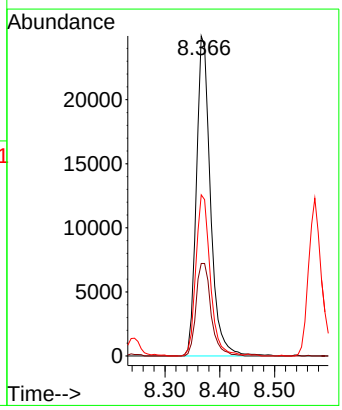


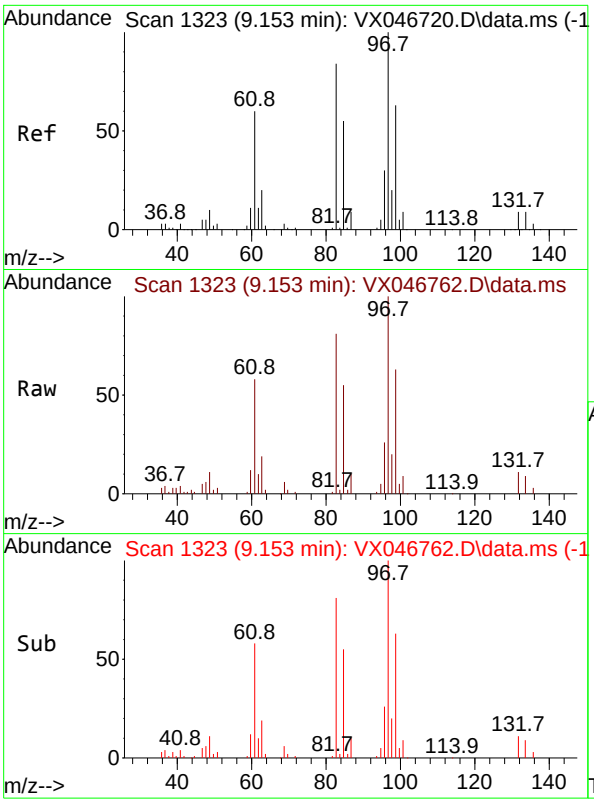


#54
cis-1,3-Dichloropropene
Concen: 18.171 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 75 Resp: 44663

Ion	Ratio	Lower	Upper
75	100		
77	28.9	25.3	37.9
39	48.7	39.2	58.8



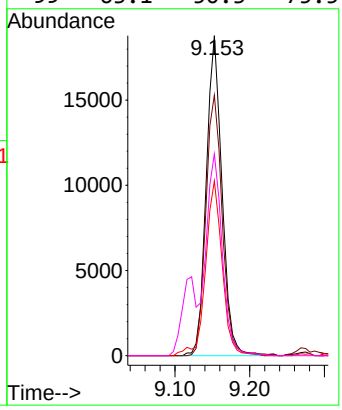


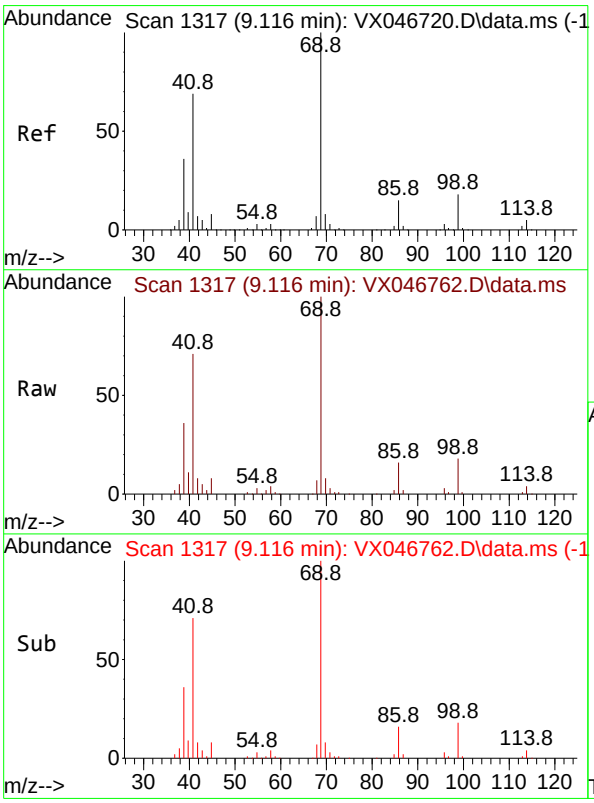
#55
1,1,2-Trichloroethane
Concen: 18.544 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 97 Resp: 27505

Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.2	100.8
85	54.6	44.1	66.1
99	63.1	50.3	75.5

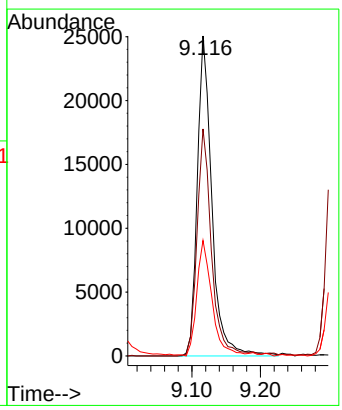


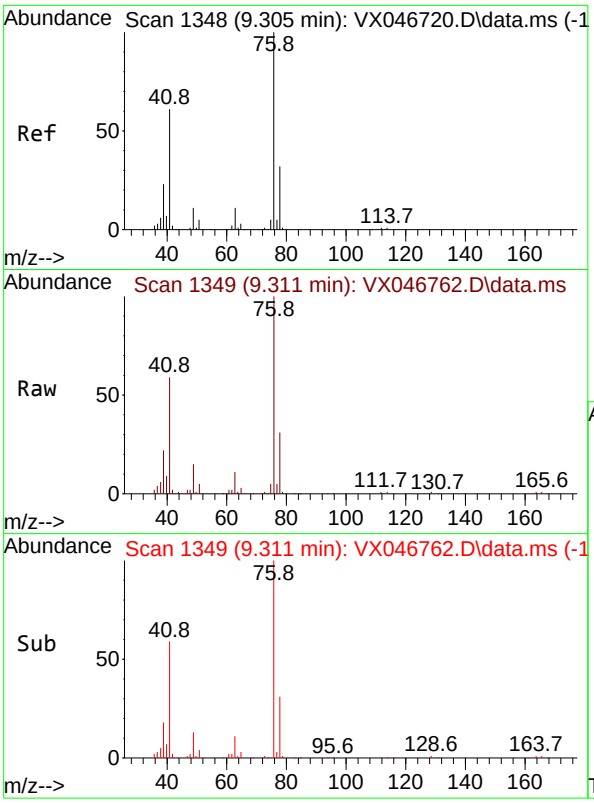


#56
Ethyl methacrylate
Concen: 16.942 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 69 Resp: 37095

Ion	Ratio	Lower	Upper
69	100		
41	70.6	55.4	83.2
39	36.2	29.7	44.5



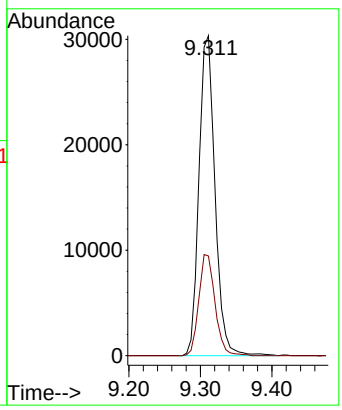


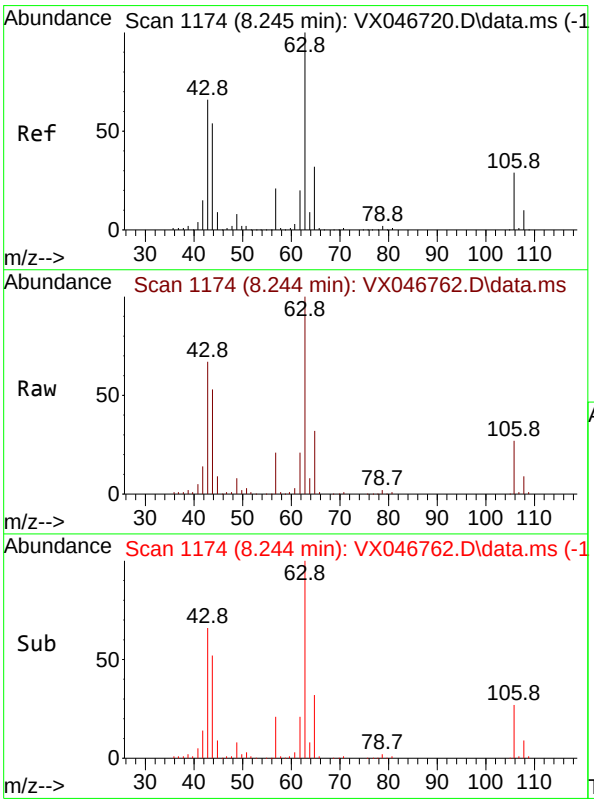
#57
1,3-Dichloropropane
Concen: 18.484 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 76 Resp: 47213

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.7	38.5

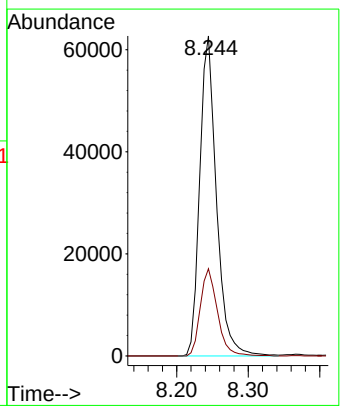


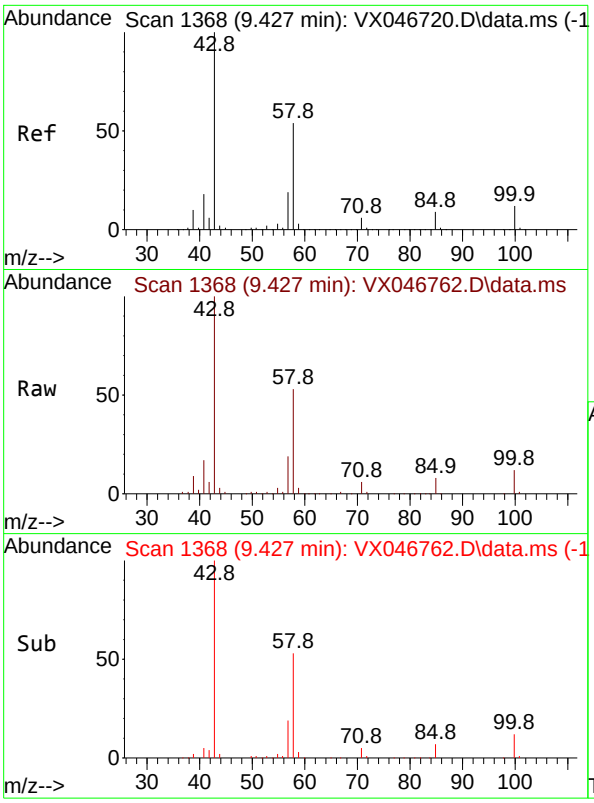


#58
2-Chloroethyl Vinyl ether
Concen: 89.565 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 63 Resp: 101869

Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.6	34.0



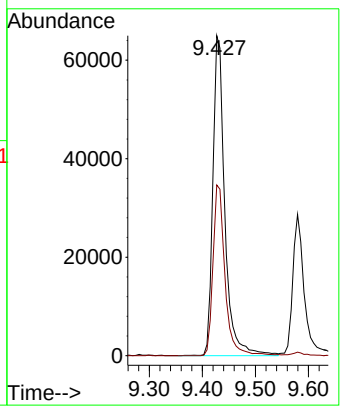


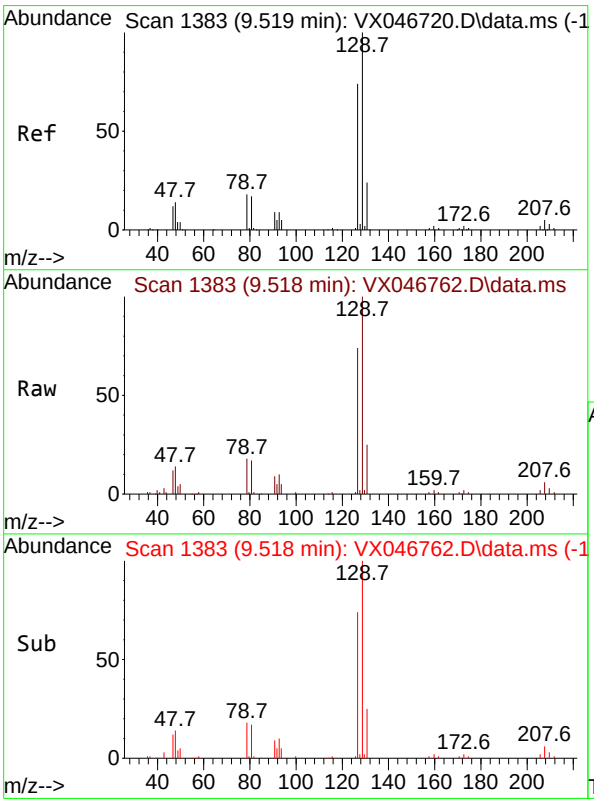
#59
2-Hexanone
Concen: 78.935 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 43 Resp: 101986

Ion	Ratio	Lower	Upper
43	100		
58	53.7	26.8	80.4

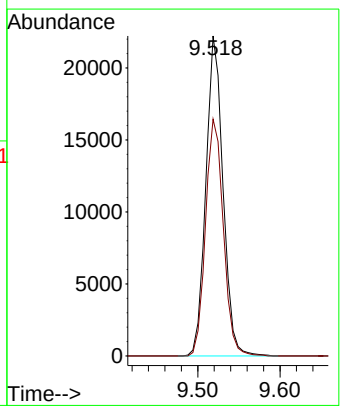


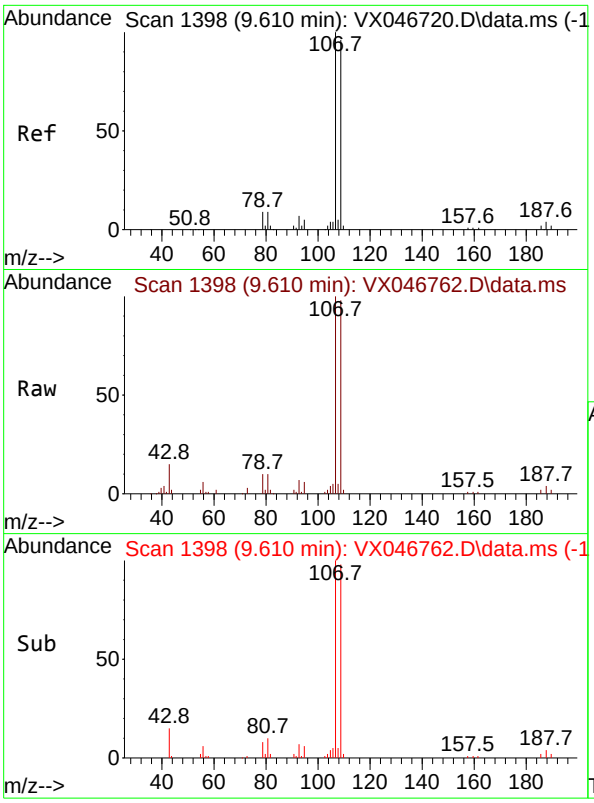


#60
Dibromochloromethane
Concen: 18.395 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:129 Resp: 32154

Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.4	115.2



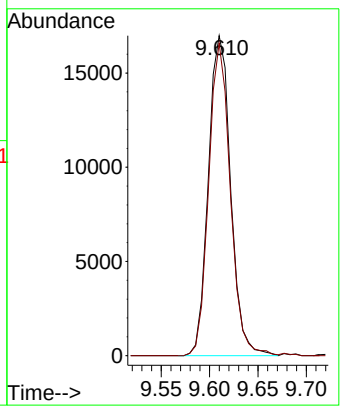


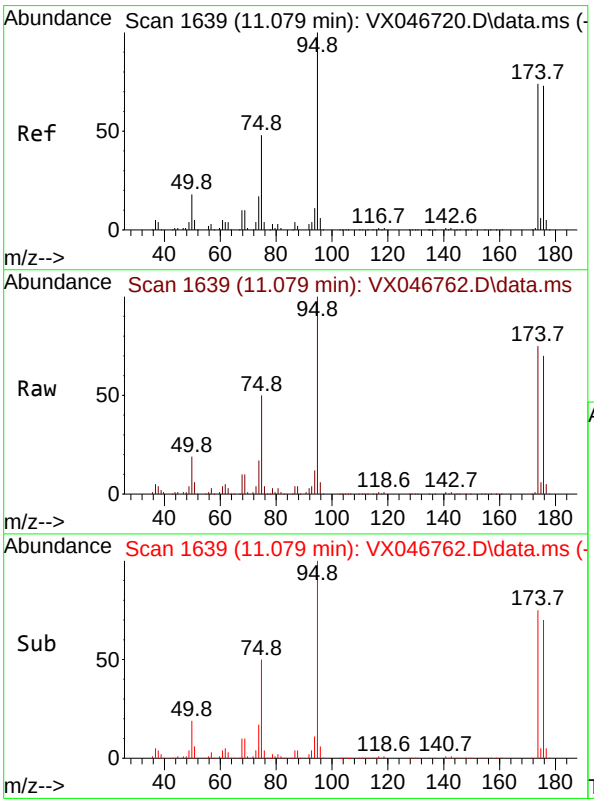
#61
1,2-Dibromoethane
Concen: 18.042 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:107 Resp: 27221

Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.8	113.6

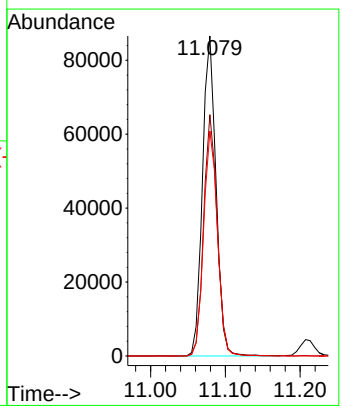


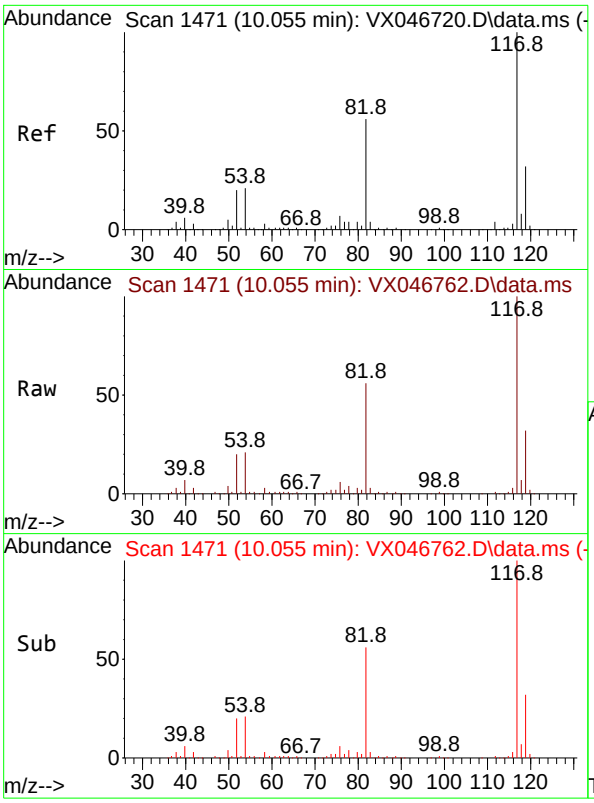


#62
4-Bromofluorobenzene
Concen: 54.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 95 Resp: 108869

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.4
176	71.8	0.0	145.0



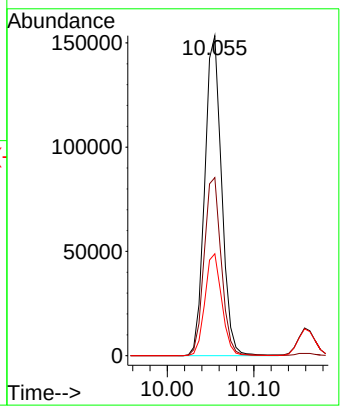


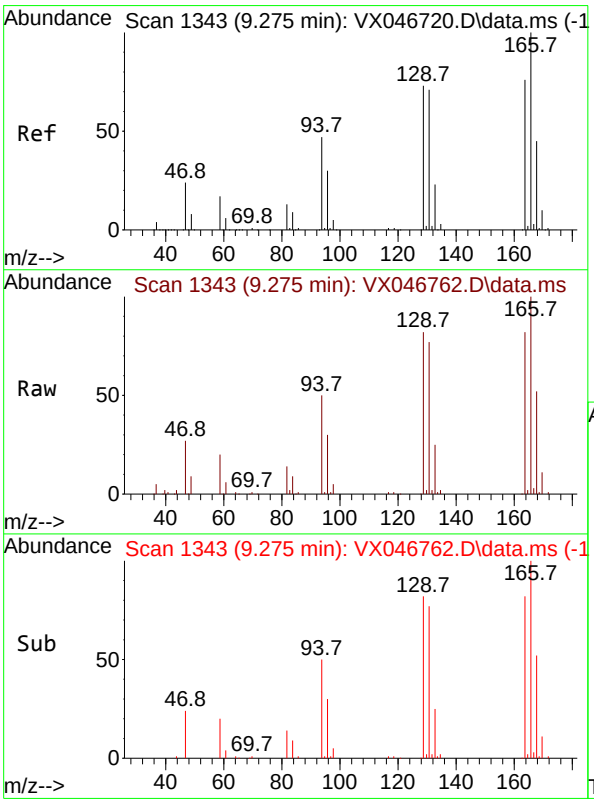
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:117 Resp: 207463

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.6	66.8
119	31.9	25.8	38.8

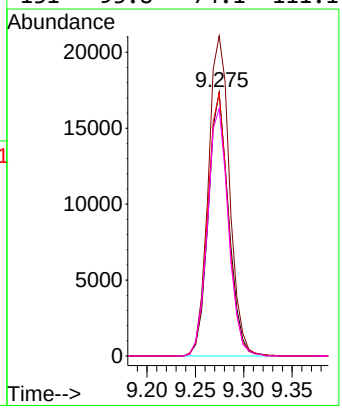


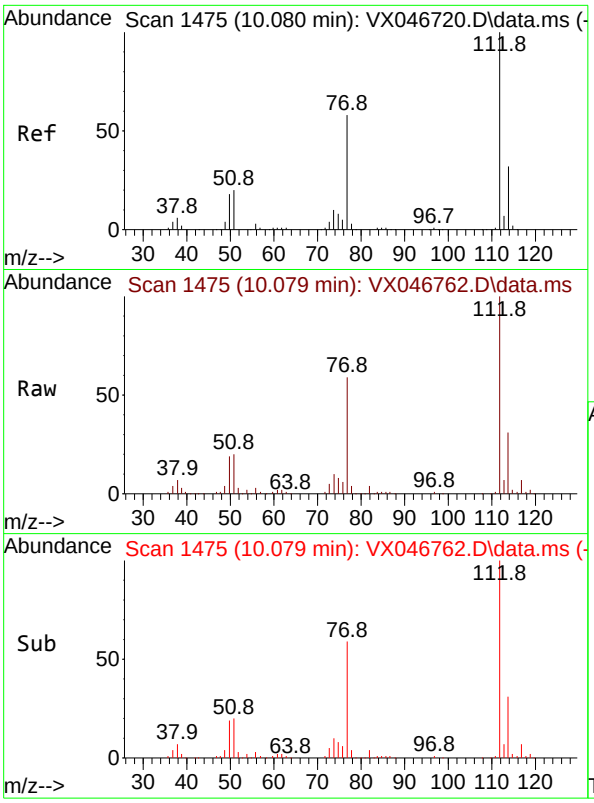


#64
Tetrachloroethene
Concen: 17.655 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:164 Resp: 25376

Ion	Ratio	Lower	Upper
164	100		
166	121.4	104.6	157.0
129	99.6	76.3	114.5
131	93.8	74.1	111.1



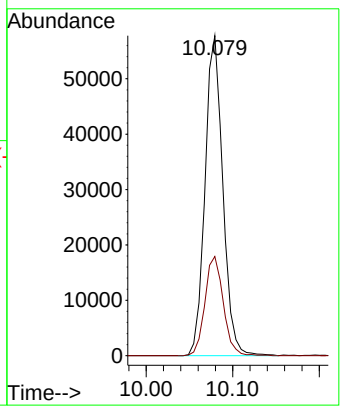


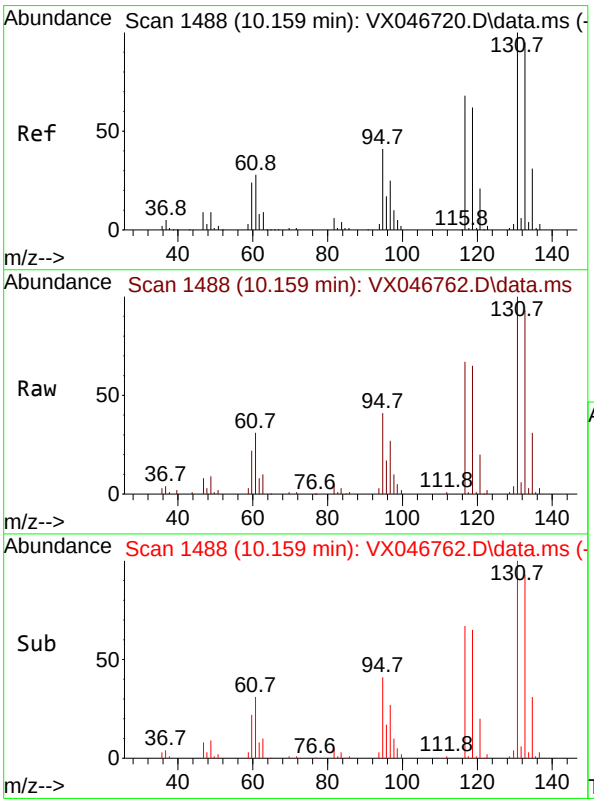
#65
Chlorobenzene
Concen: 17.991 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:112 Resp: 82392

Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.5	38.3

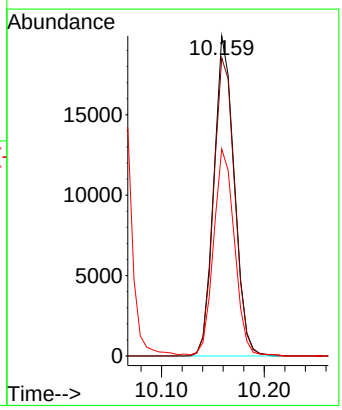


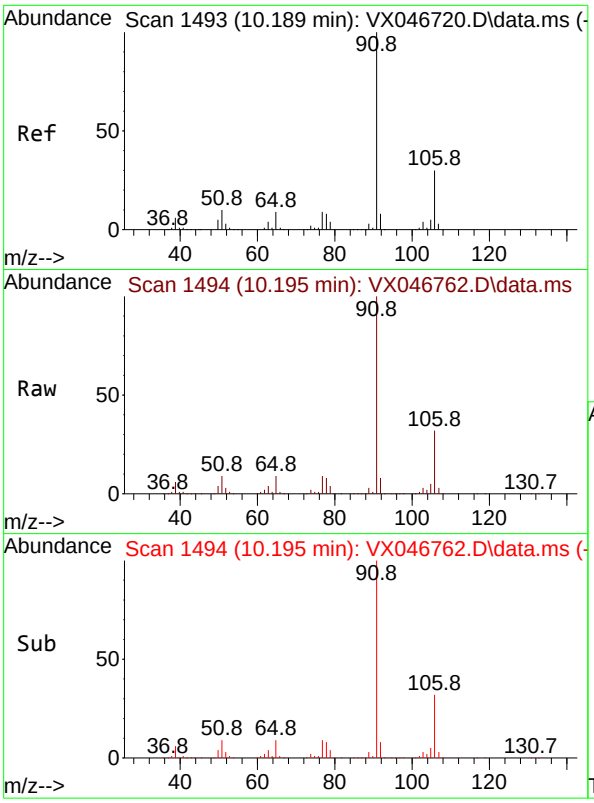


#66
1,1,1,2-Tetrachloroethane
Concen: 17.843 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:131 Resp: 27463

Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.3	141.8
119	66.0	32.1	96.3



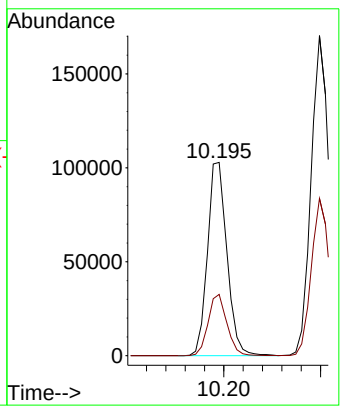


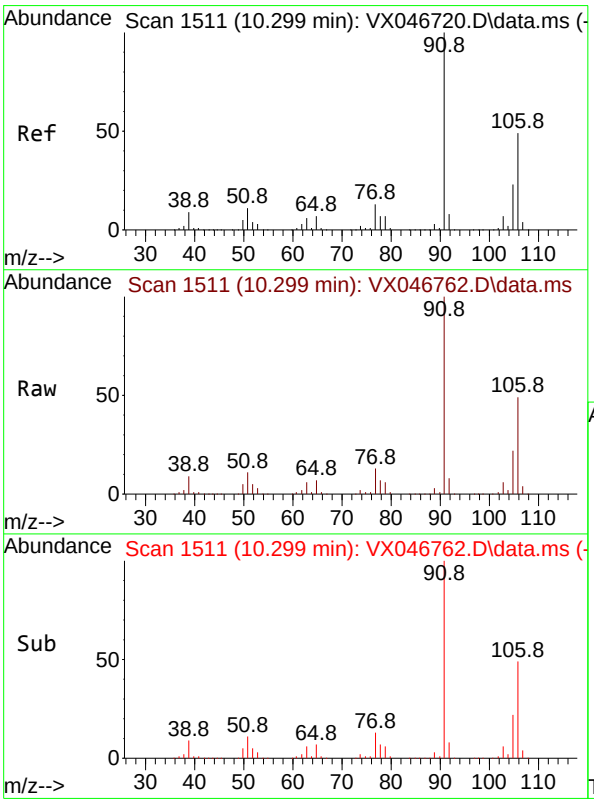
#67
Ethyl Benzene
Concen: 18.002 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 91 Resp: 144047

Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.2	36.2

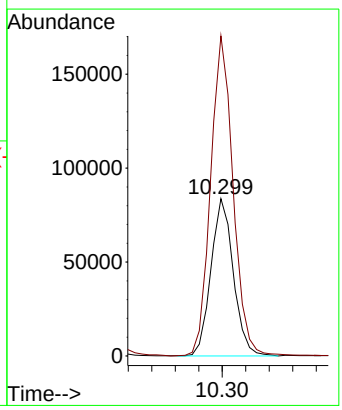


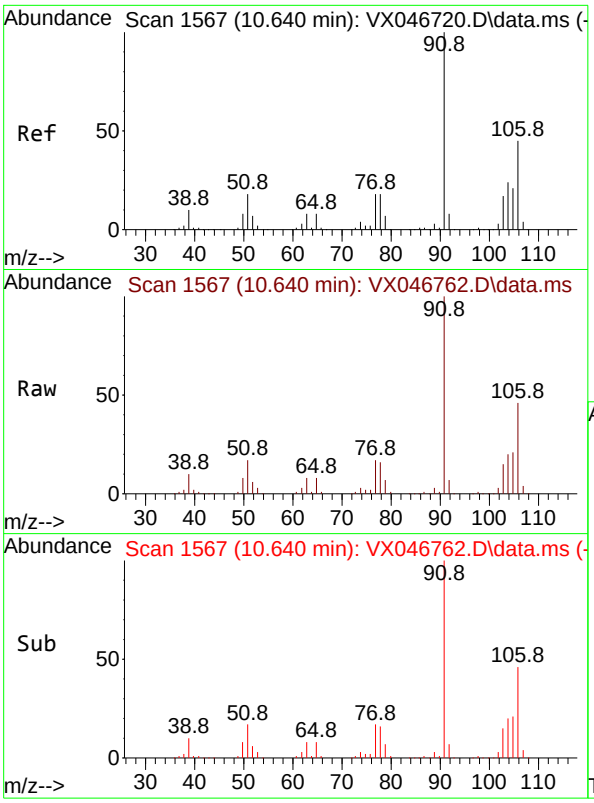


#68
m/p-Xylenes
Concen: 37.244 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:106 Resp: 111044

Ion	Ratio	Lower	Upper
106	100		
91	205.3	164.8	247.2



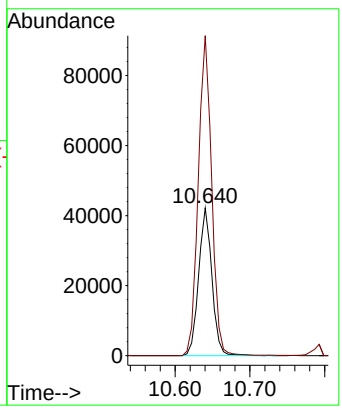


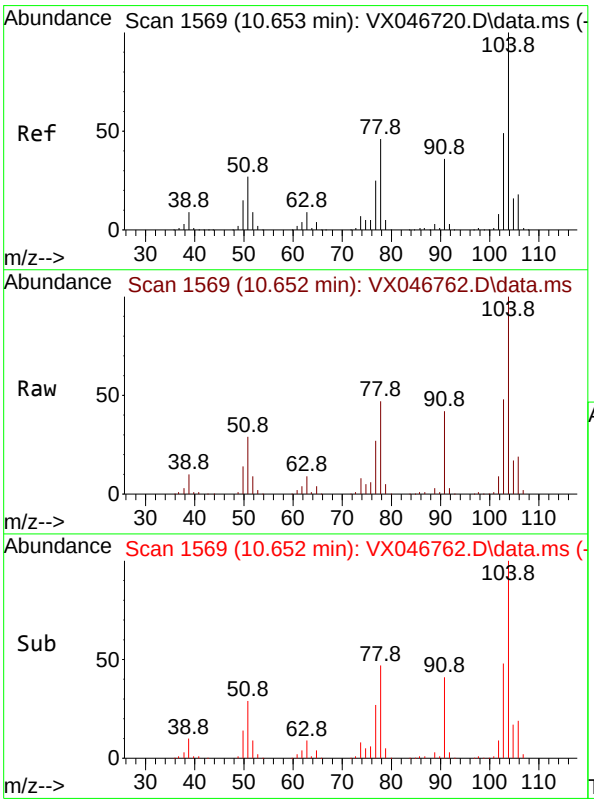
#69
o-Xylene
Concen: 18.572 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:106 Resp: 51894

Ion	Ratio	Lower	Upper
106	100		
91	219.2	111.3	333.9

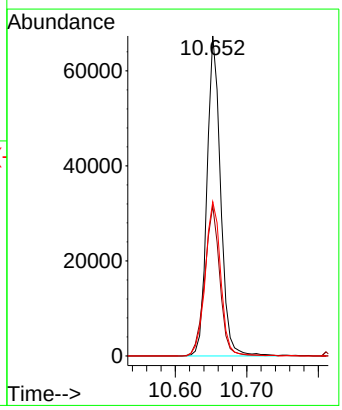


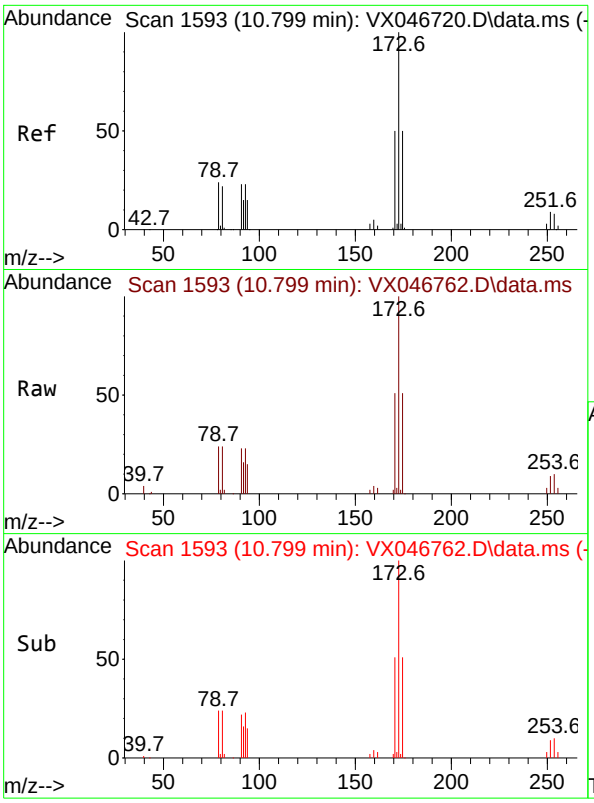


#70
Styrene
Concen: 18.260 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:104 Resp: 89289

Ion	Ratio	Lower	Upper
104	100		
78	52.0	41.4	62.2
103	54.7	43.1	64.7



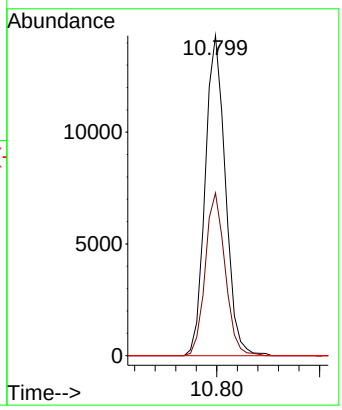


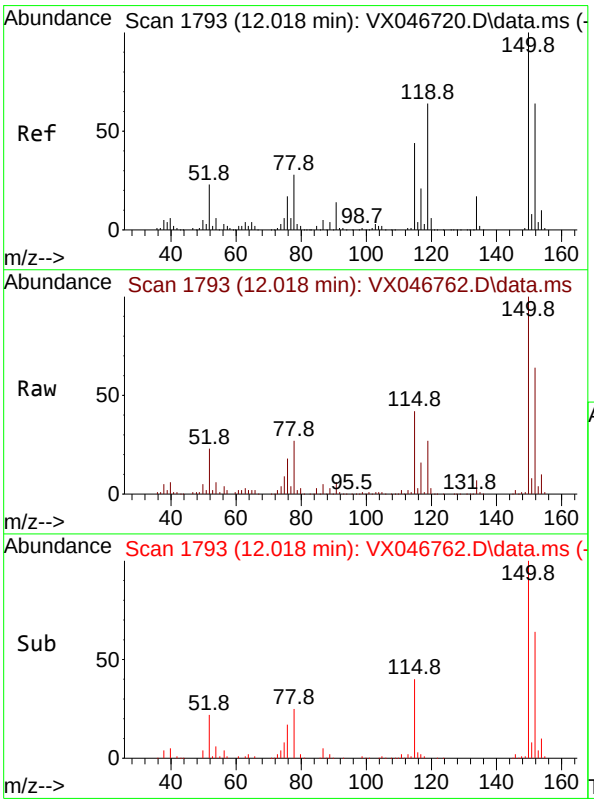
#71
Bromoform
Concen: 16.701 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:173 Resp: 19576

Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.1	72.4
254	0.0	0.1	0.1#

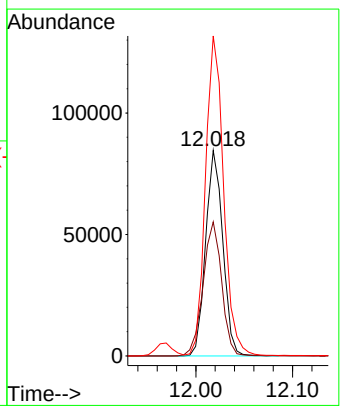


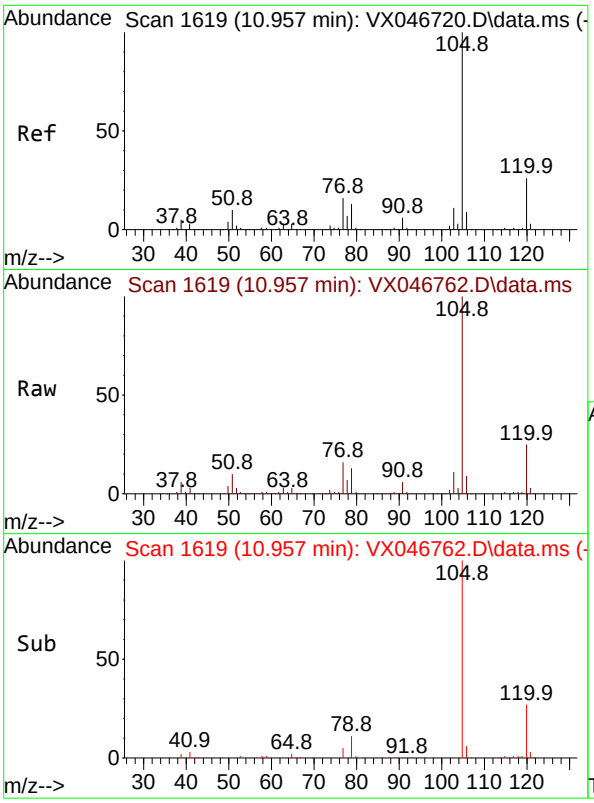


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:152 Resp: 104652

Ion	Ratio	Lower	Upper
152	100		
115	70.8	43.2	129.6
150	164.1	0.0	346.8



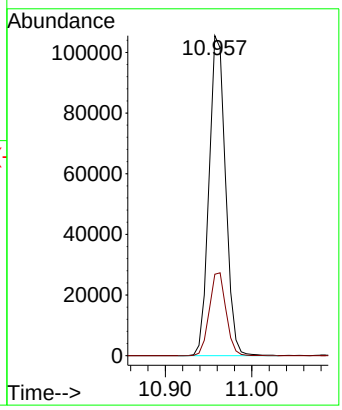


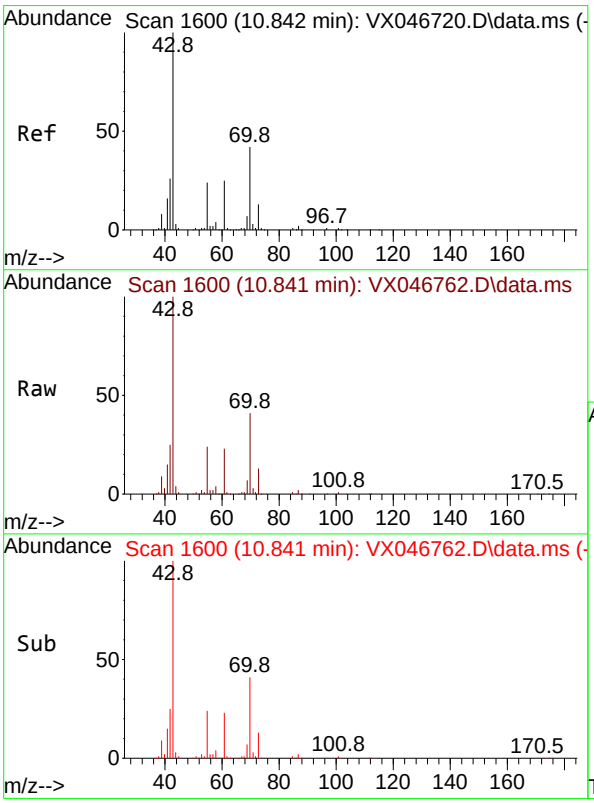
#73
Isopropylbenzene
Concen: 18.100 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:105 Resp: 139510

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.0	39.0

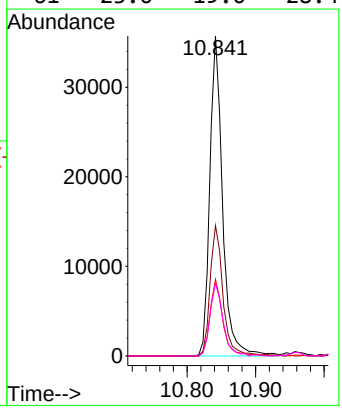


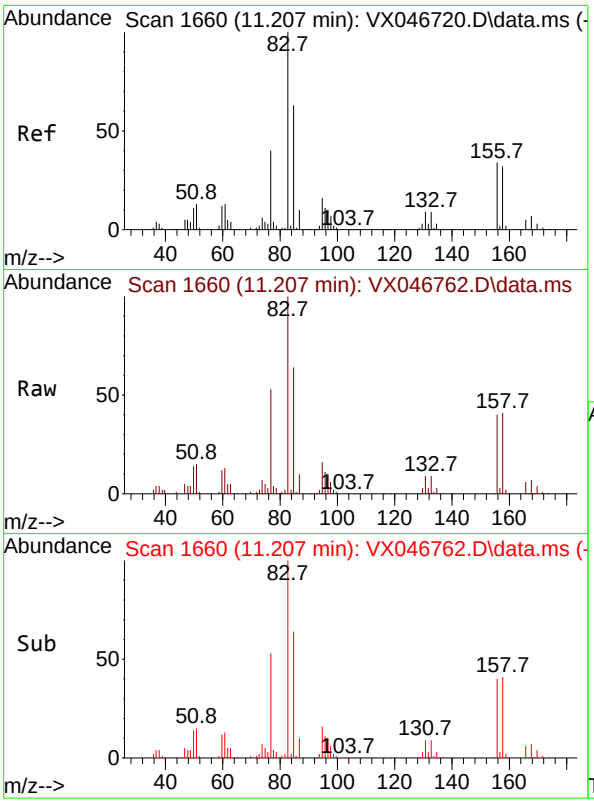


#74
N-amyl acetate
Concen: 15.893 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 46412

Ion	Ratio	Lower	Upper
43	100		
70	41.3	33.4	50.0
55	24.2	19.1	28.7
61	23.0	19.0	28.4



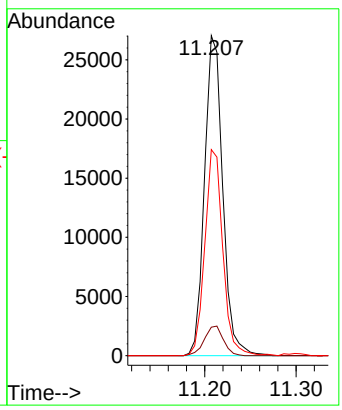


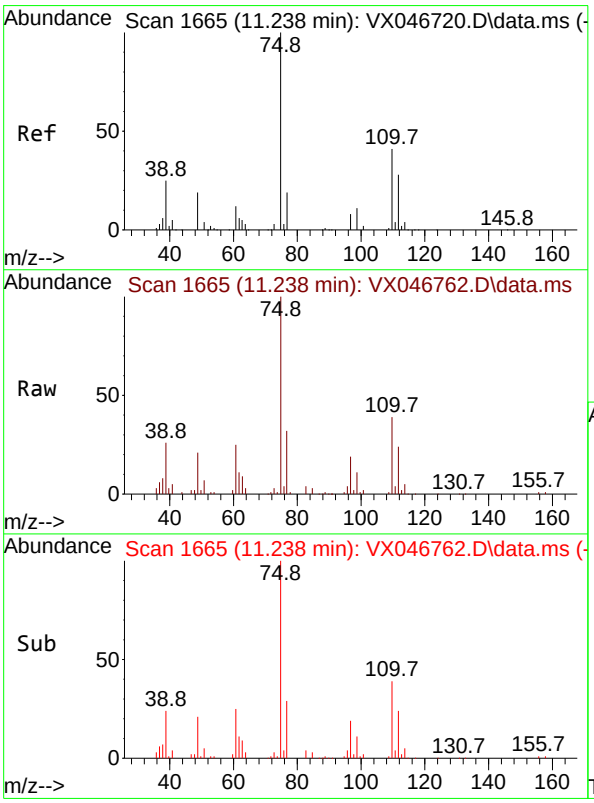
#75
1,1,2,2-Tetrachloroethane
Concen: 17.337 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 83 Resp: 37312

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.6
85	63.7	32.0	96.0

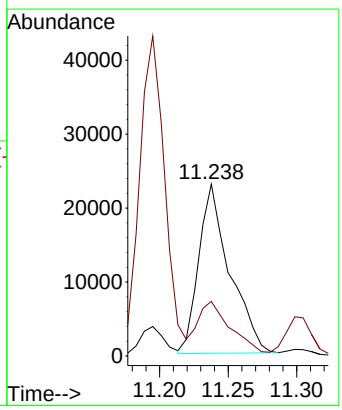


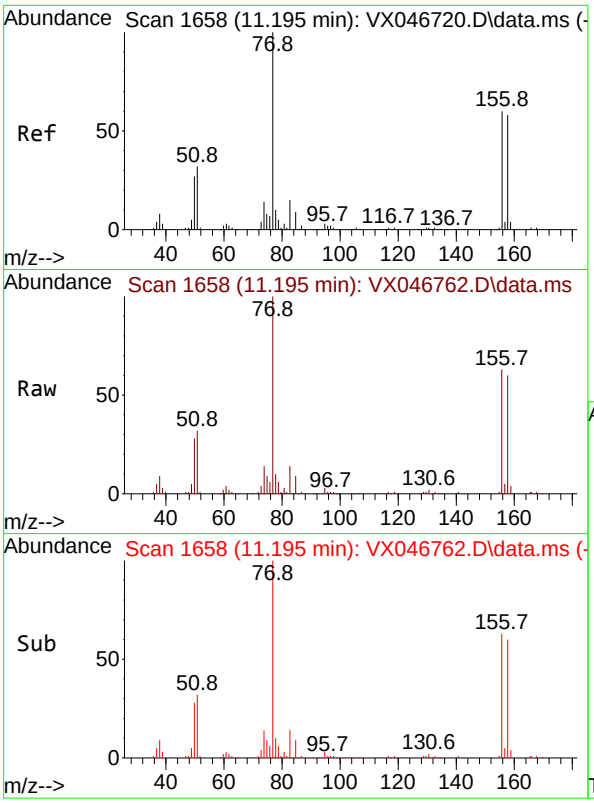


#76
1,2,3-Trichloropropane
Concen: 18.832 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 75 Resp: 36095

Ion	Ratio	Lower	Upper
75	100		
77	35.6	18.5	55.5



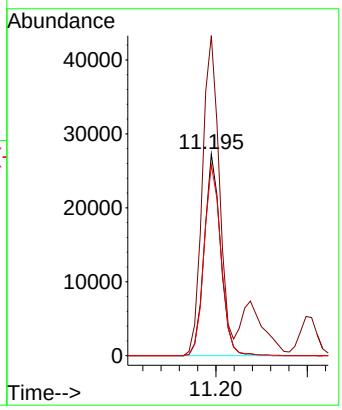


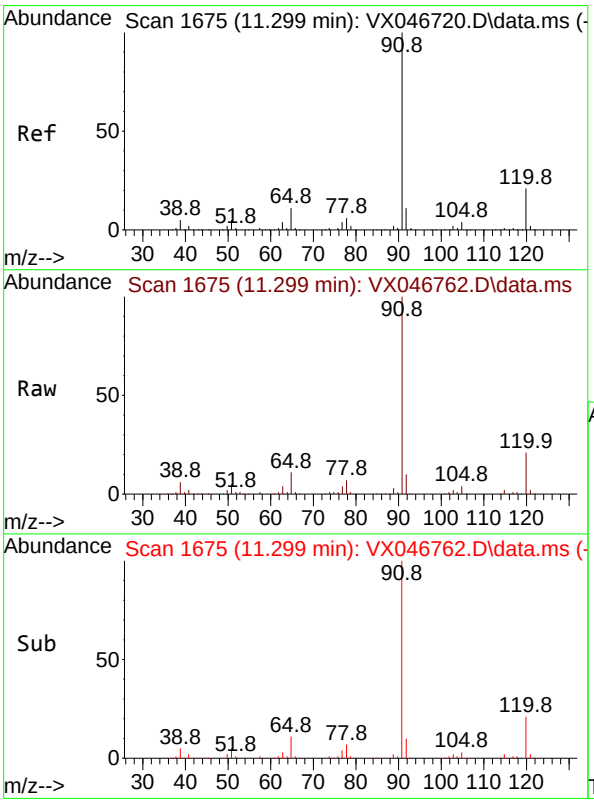
#77
Bromobenzene
Concen: 18.275 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:156 Resp: 33896

Ion	Ratio	Lower	Upper
156	100		
77	164.7	82.8	248.6
158	97.8	47.6	142.9

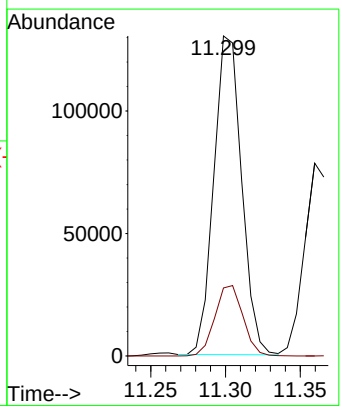


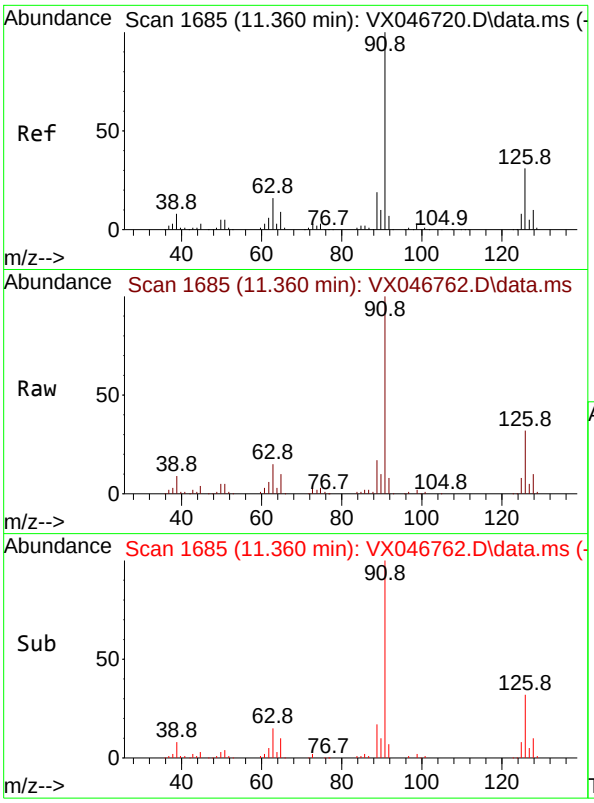


#78
n-propylbenzene
Concen: 18.415 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 91 Resp: 168589

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.4	34.1



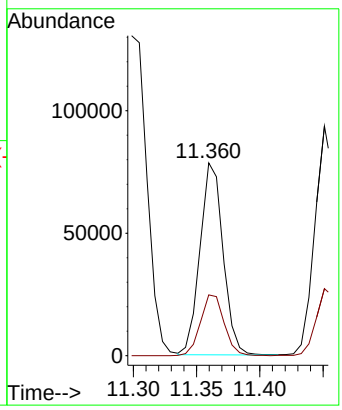


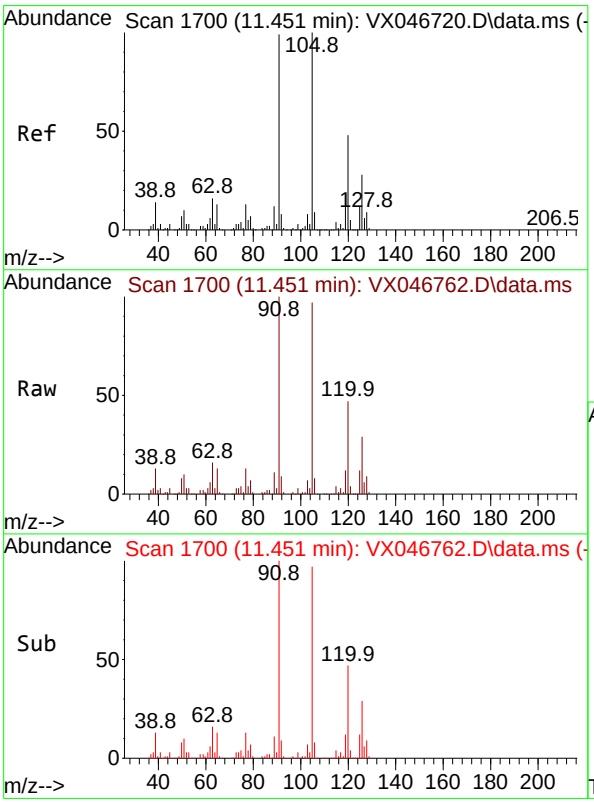
#79
2-Chlorotoluene
Concen: 18.238 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 91 Resp: 99687

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.6	49.7

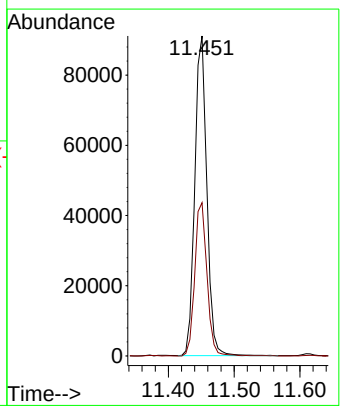


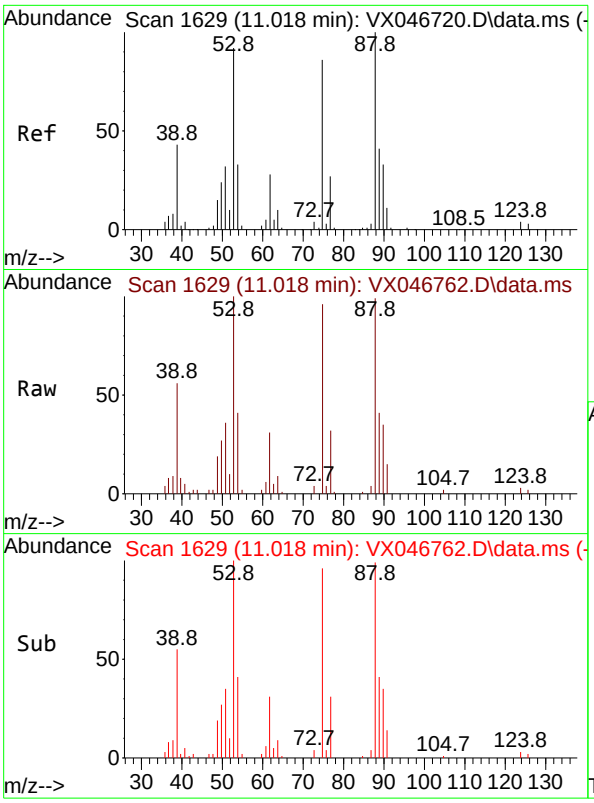


#80
1,3,5-Trimethylbenzene
Concen: 18.221 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:105 Resp: 115409

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.1	72.2



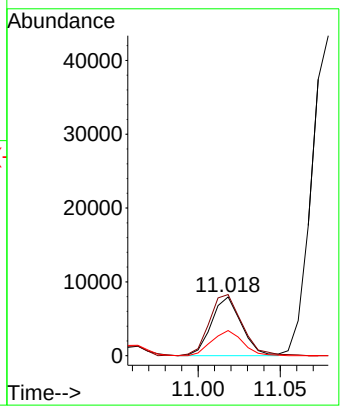


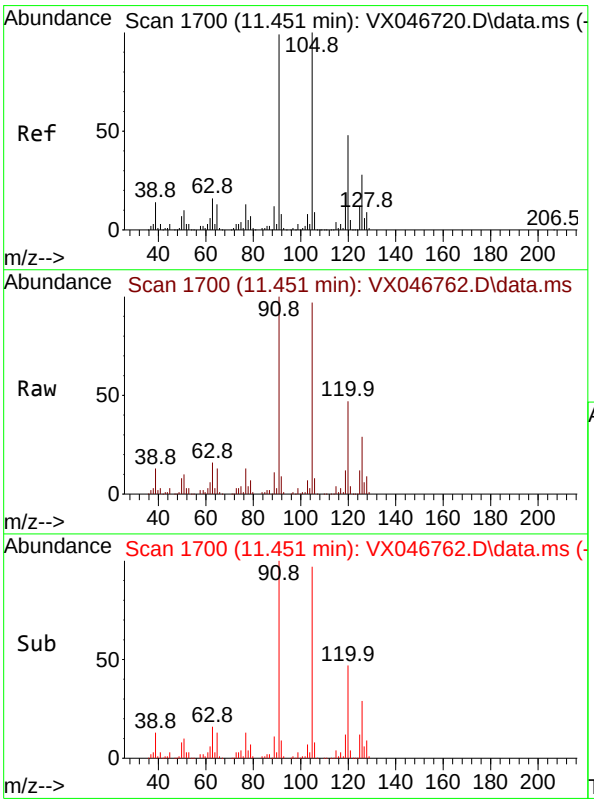
#81
trans-1,4-Dichloro-2-butene
Concen: 14.897 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 75 Resp: 10102

Ion	Ratio	Lower	Upper
75	100		
53	112.7	86.8	130.2
89	43.9	36.9	55.3

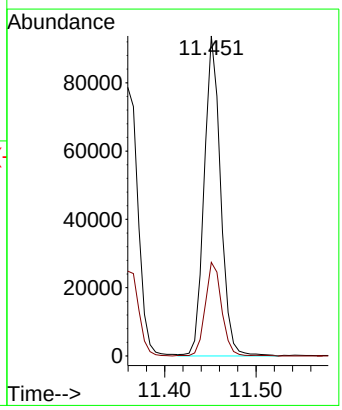


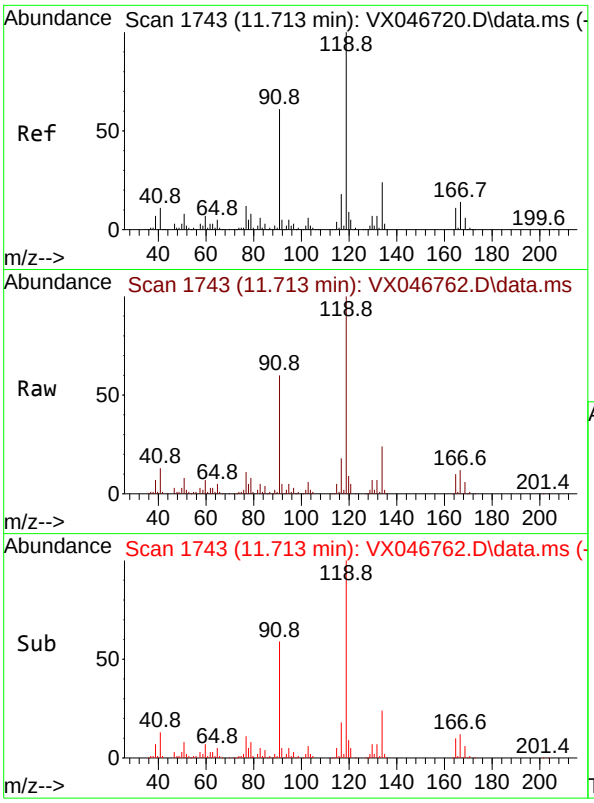


#82
4-Chlorotoluene
Concen: 18.296 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 91 Resp: 116713

Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.4	43.2



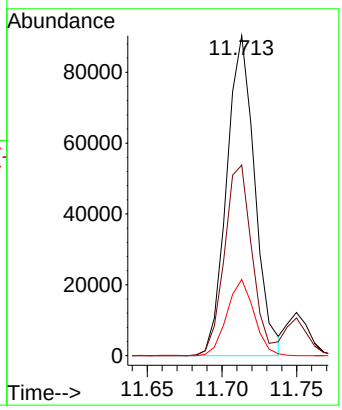


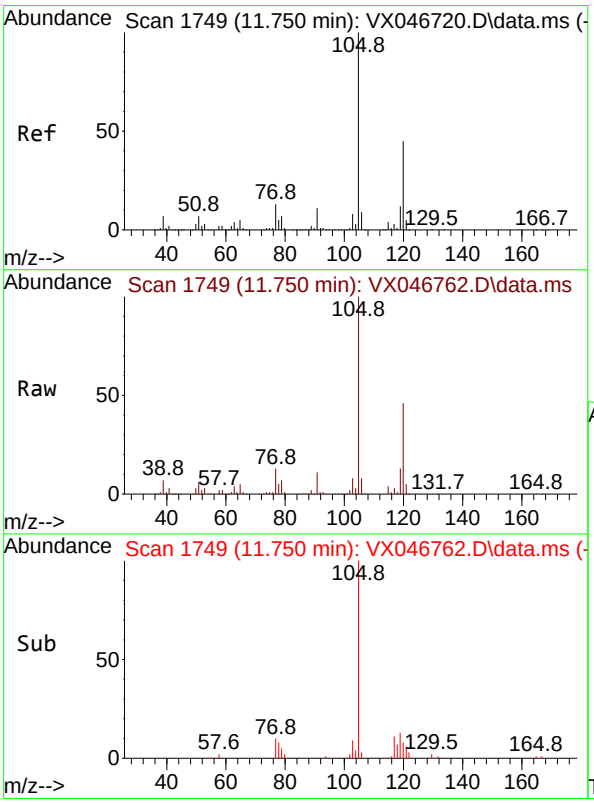
#83
tert-Butylbenzene
Concen: 18.027 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:119 Resp: 118027

Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.5	88.6
134	23.0	11.7	35.0

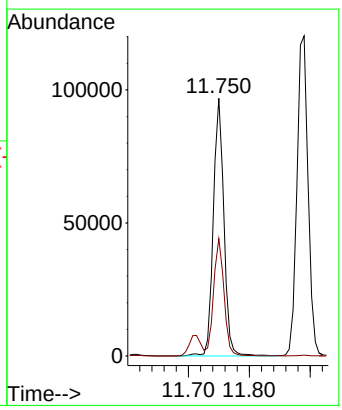


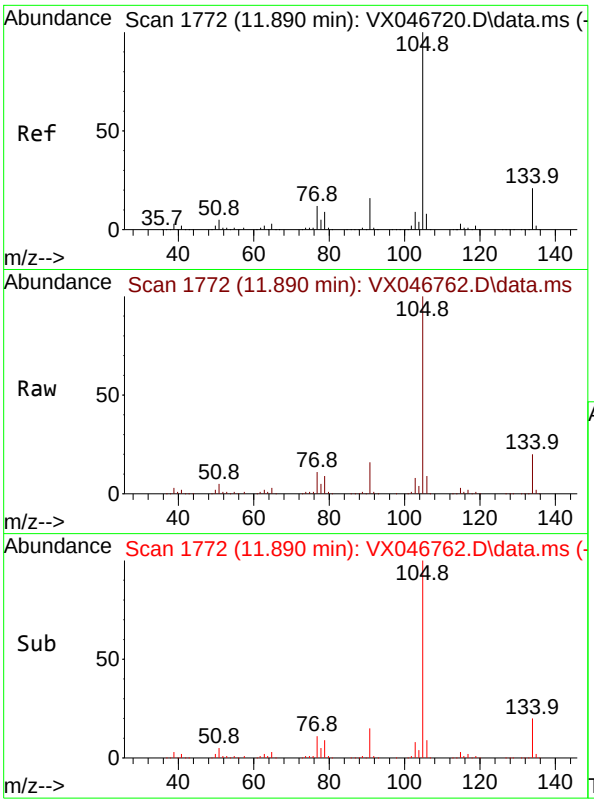


#84
1,2,4-Trimethylbenzene
Concen: 18.357 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:105 Resp: 116817

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.3



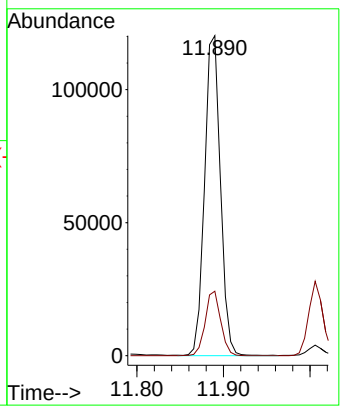


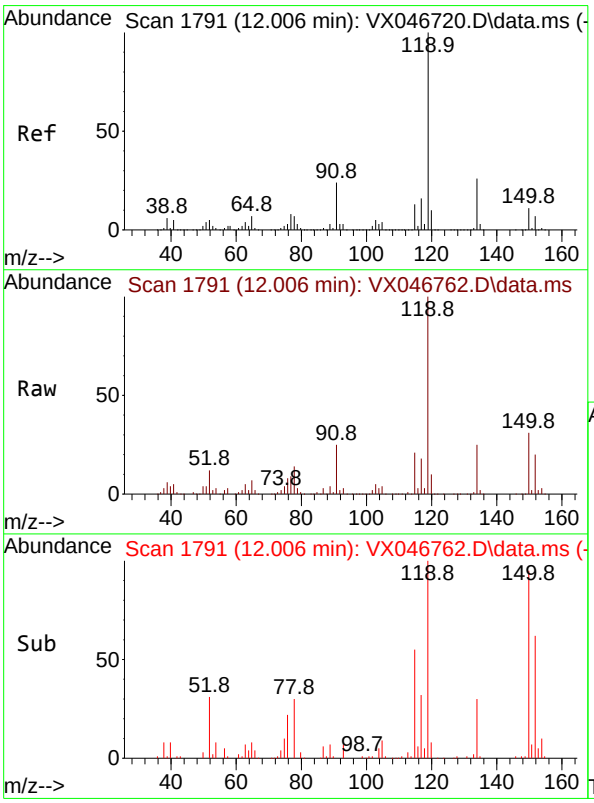
#85
sec-Butylbenzene
Concen: 18.496 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:105 Resp: 153043

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4

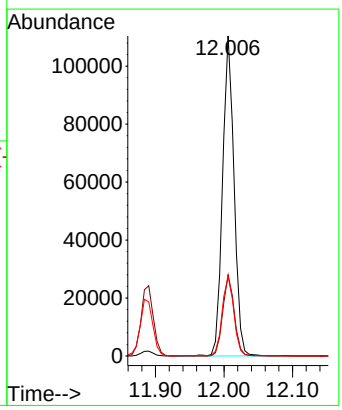


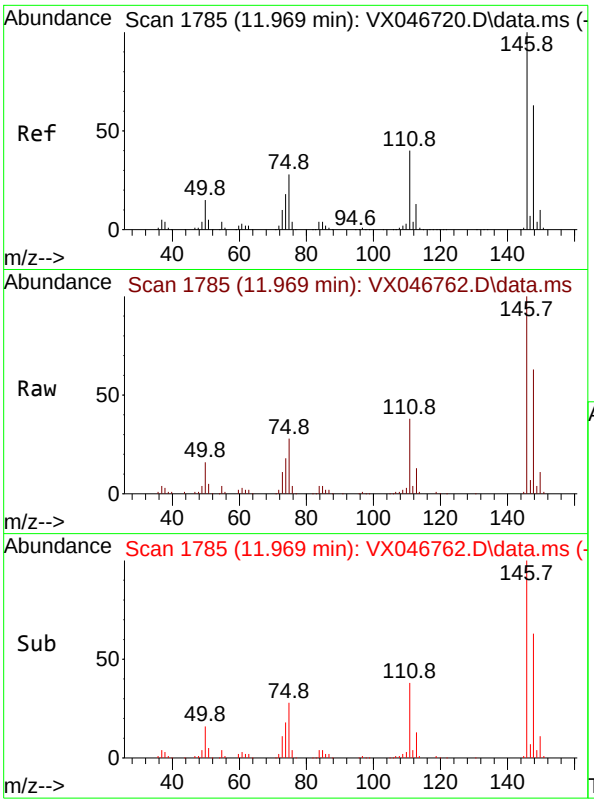


#86
p-Isopropyltoluene
Concen: 18.312 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:119 Resp: 127841

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.9	38.7
91	25.2	12.3	36.9



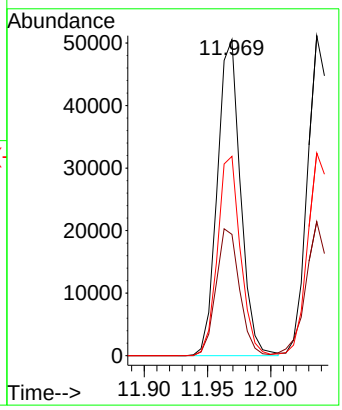


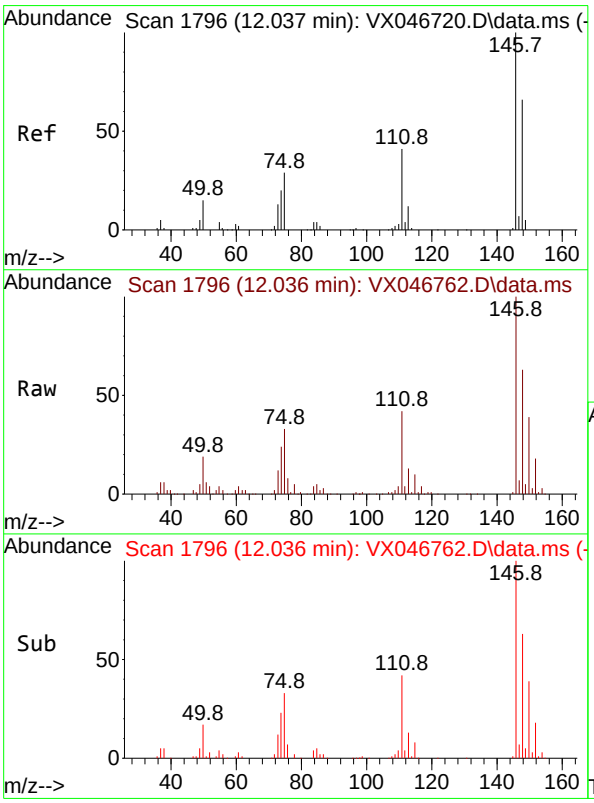
#87
1,3-Dichlorobenzene
Concen: 17.788 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:146 Resp: 64330

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	62.5	31.6	94.8

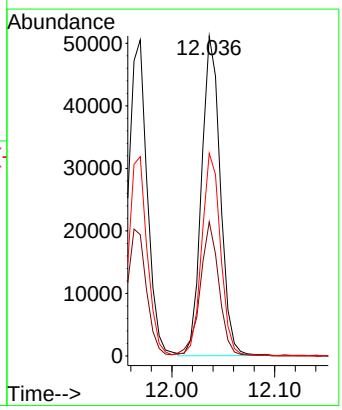


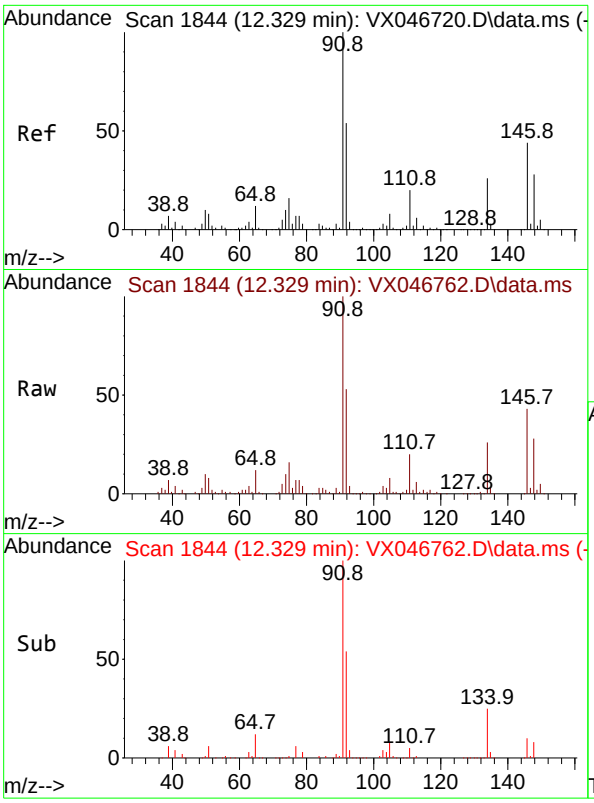


#88
1,4-Dichlorobenzene
Concen: 17.460 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:146 Resp: 64856

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.3	61.0
148	64.0	32.1	96.5



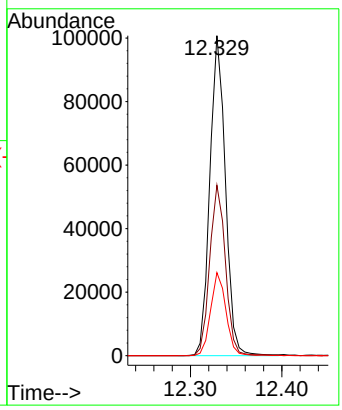


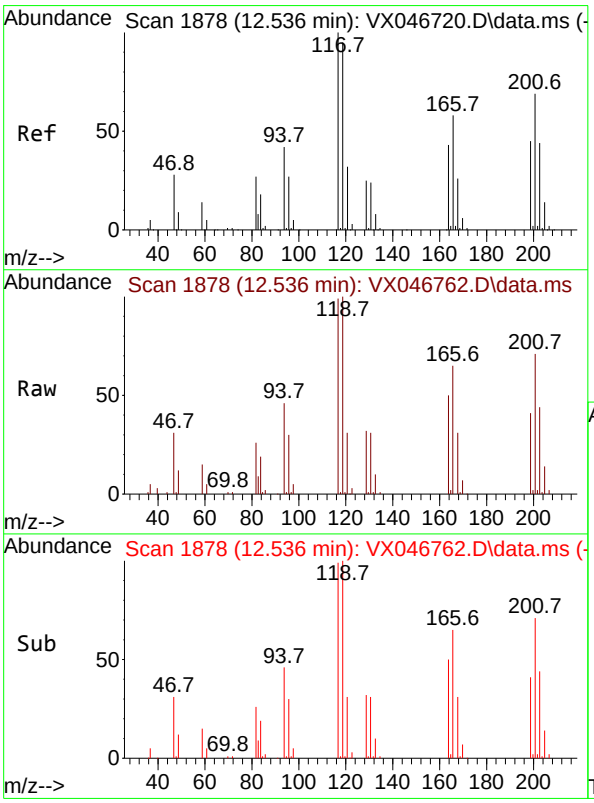
#89
n-Butylbenzene
Concen: 17.915 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 91 Resp: 118756

Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.1	81.3
134	25.7	12.9	38.6

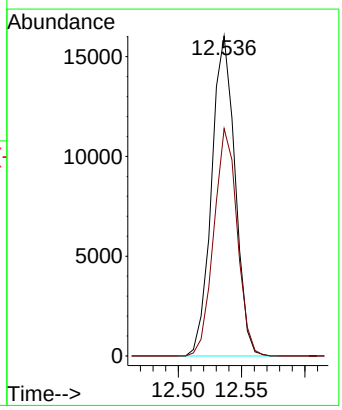


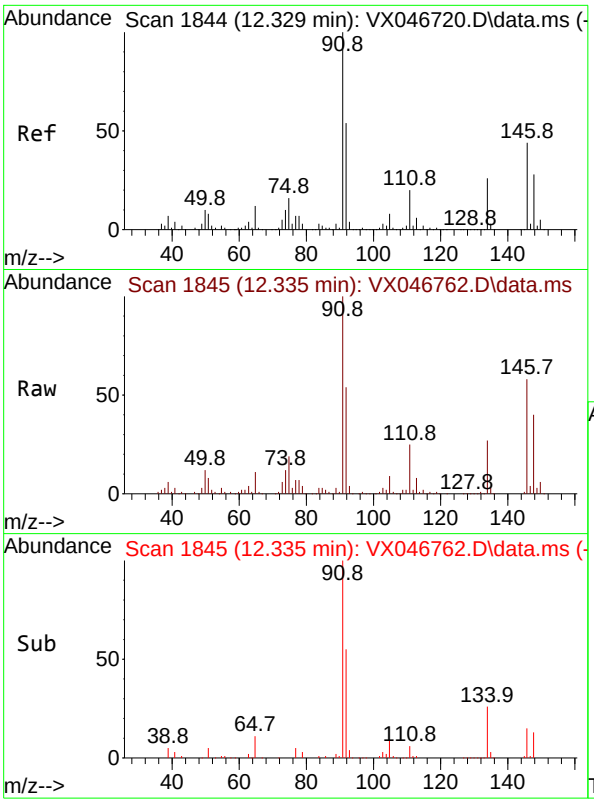


#90
Hexachloroethane
Concen: 16.893 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:117 Resp: 20652

Ion	Ratio	Lower	Upper
117	100		
201	70.7	34.4	103.3



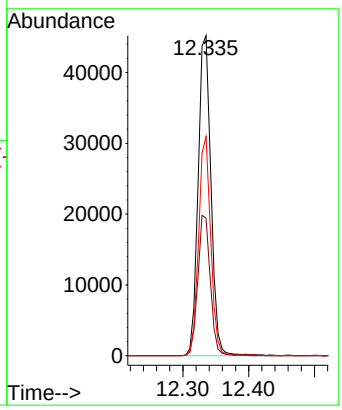


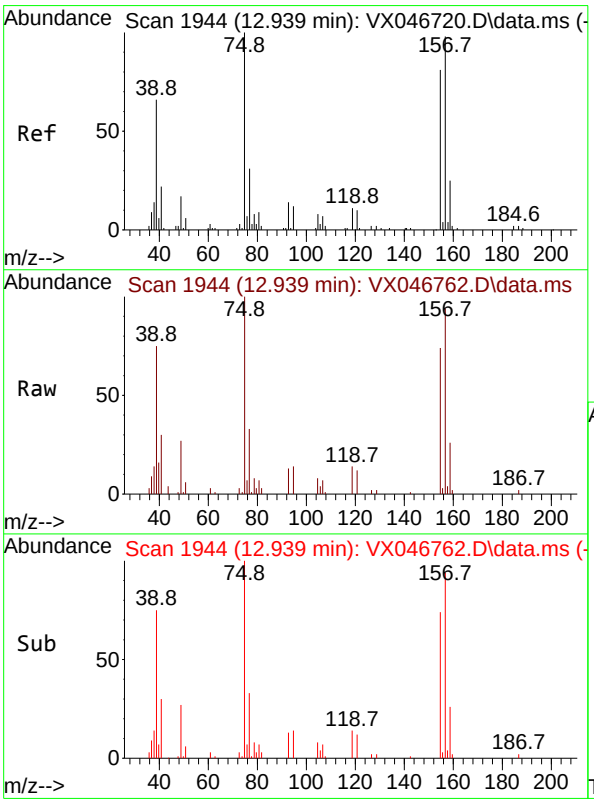
#91
1,2-Dichlorobenzene
Concen: 18.096 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:146 Resp: 61156

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.7	65.1
148	64.4	32.0	96.2

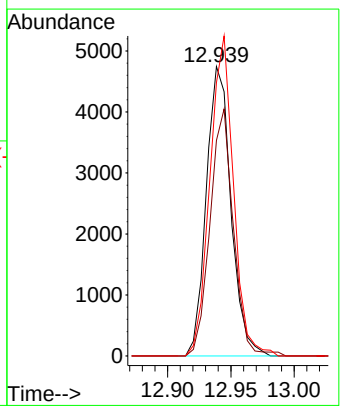


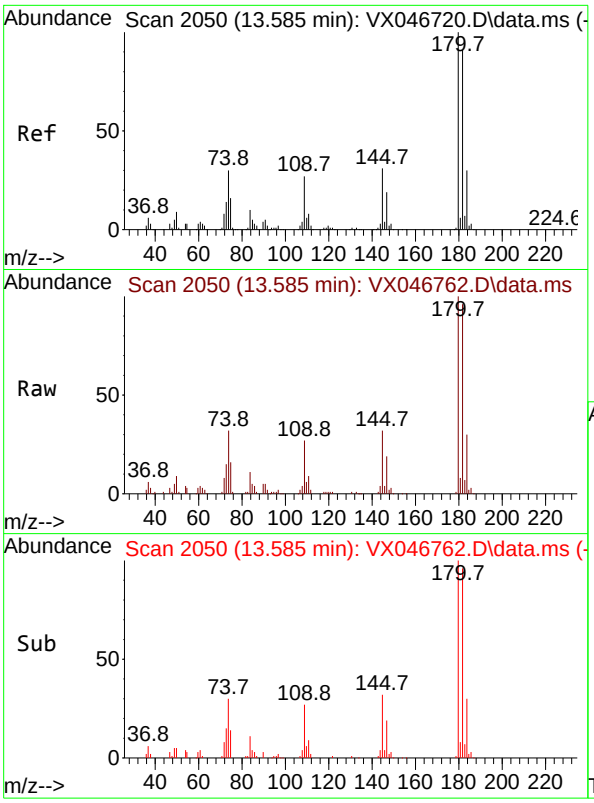


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.122 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 75 Resp: 6425

Ion	Ratio	Lower	Upper
75	100		
155	80.9	41.9	125.7
157	105.8	51.4	154.3



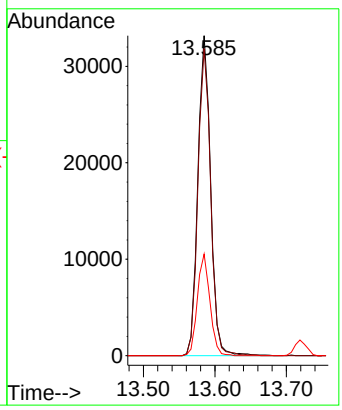


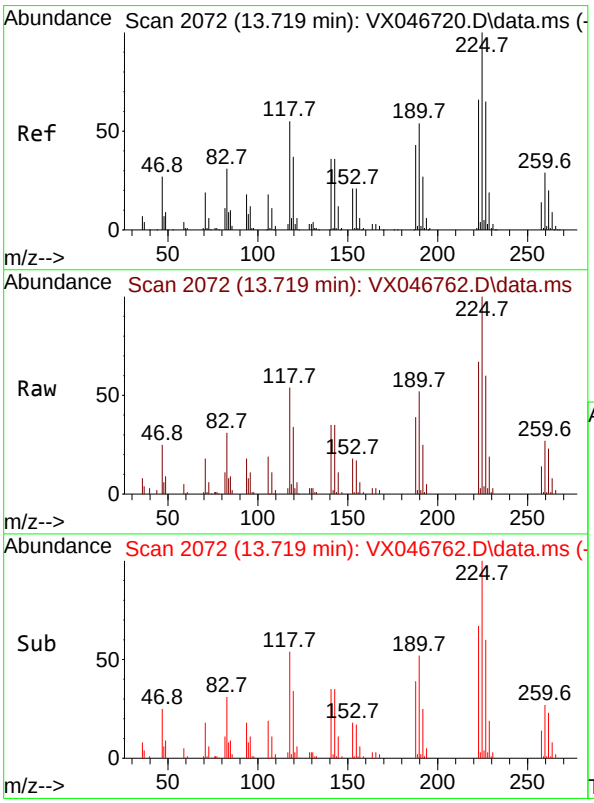
#93
1,2,4-Trichlorobenzene
Concen: 17.110 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:180 Resp: 41109

Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.7	140.1
145	31.1	15.8	47.4

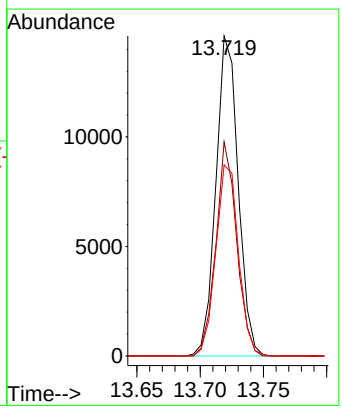


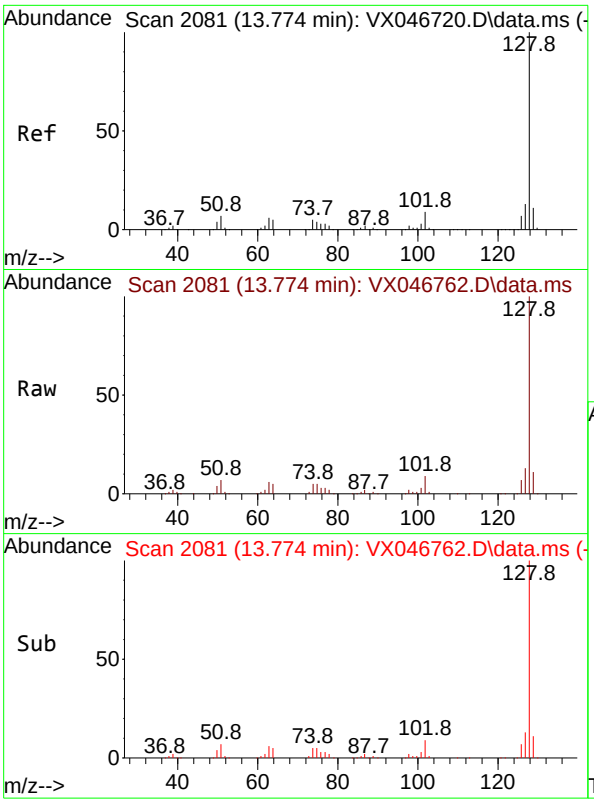


#94
Hexachlorobutadiene
Concen: 17.644 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:225 Resp: 17833

Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.5	97.5
227	61.1	32.2	96.6



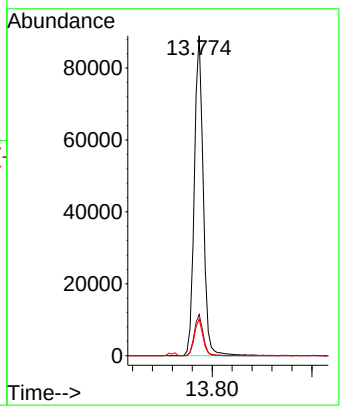


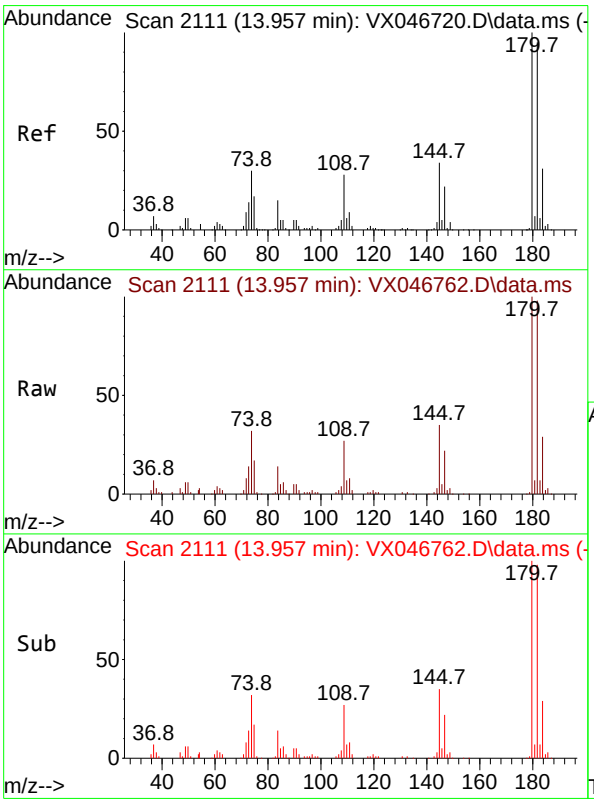
#95
Naphthalene
Concen: 16.144 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:128 Resp: 110507

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	11.0	8.7	13.1

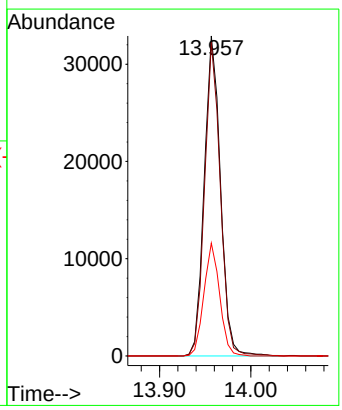




#96
1,2,3-Trichlorobenzene
Concen: 17.639 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:180 Resp: 40546

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.4
145	34.2	17.3	51.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	129409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83815	46.825	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.660%			
35) Dibromofluoromethane	5.397	113	69249	48.316	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.640%			
50) Toluene-d8	8.647	98	246552	47.880	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.760%			
62) 4-Bromofluorobenzene	11.079	95	93266	48.588	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	74095	53.629	ug/l	99
3) Chloromethane	1.307	50	77768	52.149	ug/l	96
4) Vinyl Chloride	1.386	62	85590	53.822	ug/l	98
5) Bromomethane	1.618	94	49377	55.188	ug/l	95
6) Chloroethane	1.703	64	53474	55.480	ug/l	94
7) Trichlorofluoromethane	1.904	101	127152	52.659	ug/l	99
8) Diethyl Ether	2.148	74	44616	53.840	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	79479	53.654	ug/l	98
10) Methyl Iodide	2.465	142	85230	46.314	ug/l	100
11) Tert butyl alcohol	2.959	59	35007	217.898	ug/l	100
12) 1,1-Dichloroethene	2.337	96	76619	53.603	ug/l	98
13) Acrolein	2.245	56	69969	298.999	ug/l	98
14) Allyl chloride	2.678	41	137304	53.017	ug/l	98
15) Acrylonitrile	3.075	53	185932	257.376	ug/l	99
16) Acetone	2.386	43	144349	241.828	ug/l	97
17) Carbon Disulfide	2.526	76	205491	47.607	ug/l	99
18) Methyl Acetate	2.715	43	78667	51.889	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	225140	50.585	ug/l	100
20) Methylene Chloride	2.800	84	83440	50.266	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	79204	51.786	ug/l	99
22) Diisopropyl ether	3.770	45	270205	54.281	ug/l	98
23) Vinyl Acetate	3.733	43	1055978	266.763	ug/l	99
24) 1,1-Dichloroethane	3.623	63	148012	52.369	ug/l	99
25) 2-Butanone	4.562	43	216354	256.282	ug/l	97
26) 2,2-Dichloropropane	4.489	77	106712	51.768	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	94359	52.513	ug/l	99
28) Bromochloromethane	4.910	49	66329	51.765	ug/l	99
29) Tetrahydrofuran	5.007	42	139493	255.819	ug/l	99
30) Chloroform	5.105	83	149506	52.894	ug/l	95
31) Cyclohexane	5.477	56	137290	51.222	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	125889	50.784	ug/l	99
36) 1,1-Dichloropropene	5.702	75	105895	51.182	ug/l	100
37) Ethyl Acetate	4.721	43	92088	48.219	ug/l	98
38) Carbon Tetrachloride	5.690	117	111211	49.529	ug/l	99
39) Methylcyclohexane	7.385	83	139618	51.281	ug/l	99
40) Benzene	6.050	78	318931	52.086	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	55058	54.078	ug/l		95
42) 1,2-Dichloroethane	6.092	62	109435	50.860	ug/l		98
43) Isopropyl Acetate	6.342	43	151380	50.655	ug/l		100
44) Trichloroethene	7.135	130	79977	51.252	ug/l		97
45) 1,2-Dichloropropane	7.434	63	78602	51.797	ug/l		94
46) Dibromomethane	7.586	93	54750	50.201	ug/l		99
47) Bromodichloromethane	7.824	83	114561	51.475	ug/l		99
48) Methyl methacrylate	7.696	41	80176	53.494	ug/l		99
49) 1,4-Dioxane	7.665	88	19434	894.415	ug/l		94
51) 4-Methyl-2-Pentanone	8.574	43	453562	254.472	ug/l		99
52) Toluene	8.720	92	195403	51.477	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	106195	51.427	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	122494	52.254	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	73528	51.978	ug/l		95
56) Ethyl methacrylate	9.116	69	109987	52.671	ug/l		99
57) 1,3-Dichloropropane	9.305	76	125247	51.414	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	321699	296.571	ug/l		100
59) 2-Hexanone	9.427	43	310545	252.021	ug/l		100
60) Dibromochloromethane	9.519	129	85854	51.500	ug/l		99
61) 1,2-Dibromoethane	9.610	107	73504	51.083	ug/l		99
64) Tetrachloroethene	9.275	164	66307	50.181	ug/l		97
65) Chlorobenzene	10.079	112	216318	51.382	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	72835	51.476	ug/l		99
67) Ethyl Benzene	10.195	91	380469	51.722	ug/l		99
68) m/p-Xylenes	10.299	106	284342	103.739	ug/l		99
69) o-Xylene	10.640	106	136531	53.151	ug/l		98
70) Styrene	10.653	104	238877	53.139	ug/l		99
71) Bromoform	10.799	173	54055	50.164	ug/l	#	100
73) Isopropylbenzene	10.963	105	364838	51.780	ug/l		100
74) N-amyl acetate	10.841	43	134737	50.472	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	100156	50.908	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	105868	60.421	ug/l		93
77) Bromobenzene	11.195	156	87850	51.813	ug/l		100
78) n-propylbenzene	11.305	91	432963	51.735	ug/l		99
79) 2-Chlorotoluene	11.360	91	249407	49.914	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	298594	51.570	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	29148	47.021	ug/l		100
82) 4-Chlorotoluene	11.451	91	293281	50.293	ug/l		100
83) tert-Butylbenzene	11.713	119	304194	50.825	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	302076	51.927	ug/l		98
85) sec-Butylbenzene	11.890	105	387895	51.281	ug/l		99
86) p-Isopropyltoluene	12.006	119	325914	51.067	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	162851	49.259	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	161313	47.505	ug/l		100
89) n-Butylbenzene	12.329	91	308844	50.967	ug/l		100
90) Hexachloroethane	12.536	117	54659	48.908	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	154918	50.145	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18542	47.738	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	109313	49.769	ug/l		98
94) Hexachlorobutadiene	13.725	225	45830	49.603	ug/l		99
95) Naphthalene	13.774	128	313462	50.093	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	105543	50.228	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

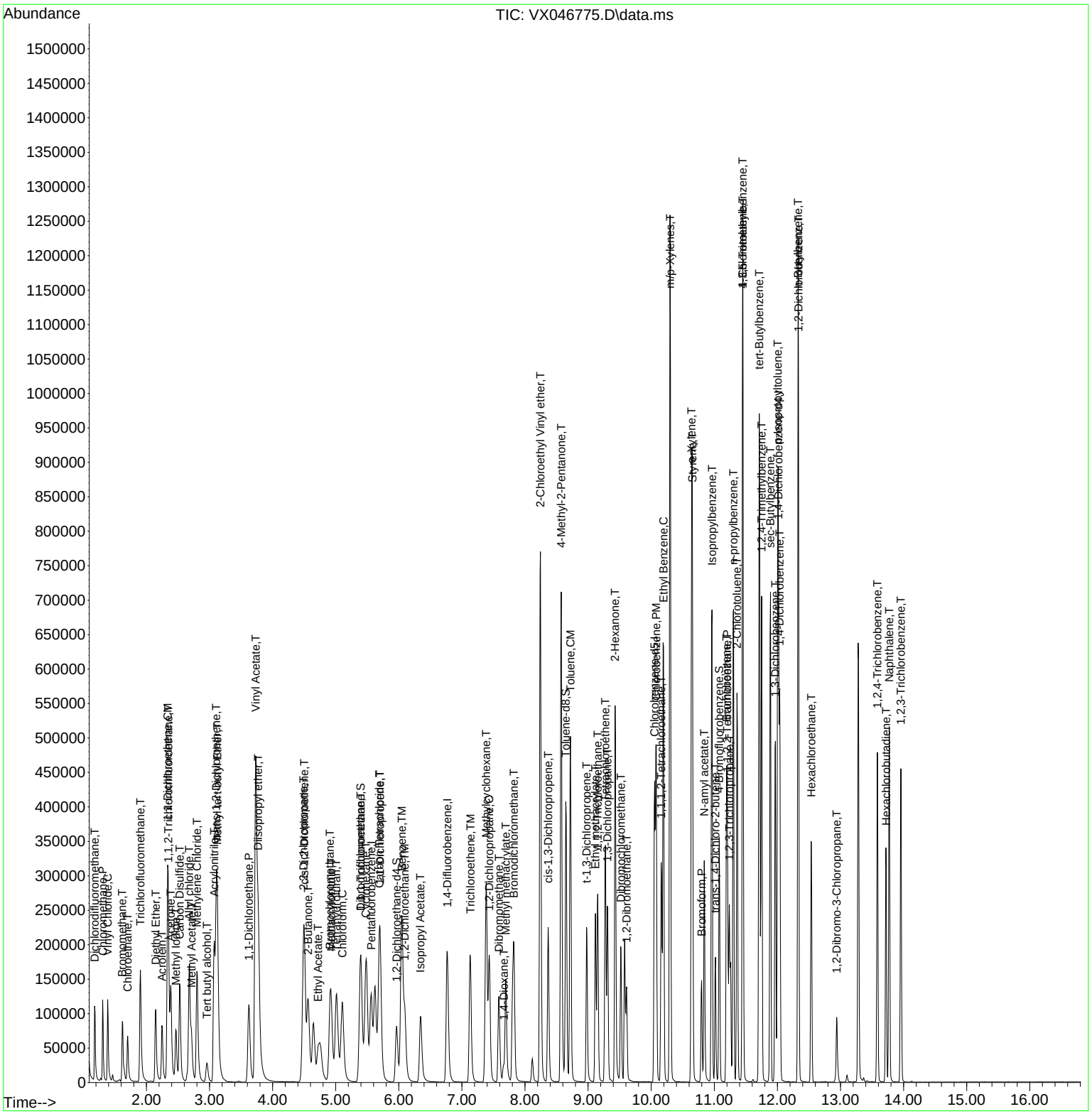
(#) = qualifier out of range (m) = manual integration (+) = signals summed

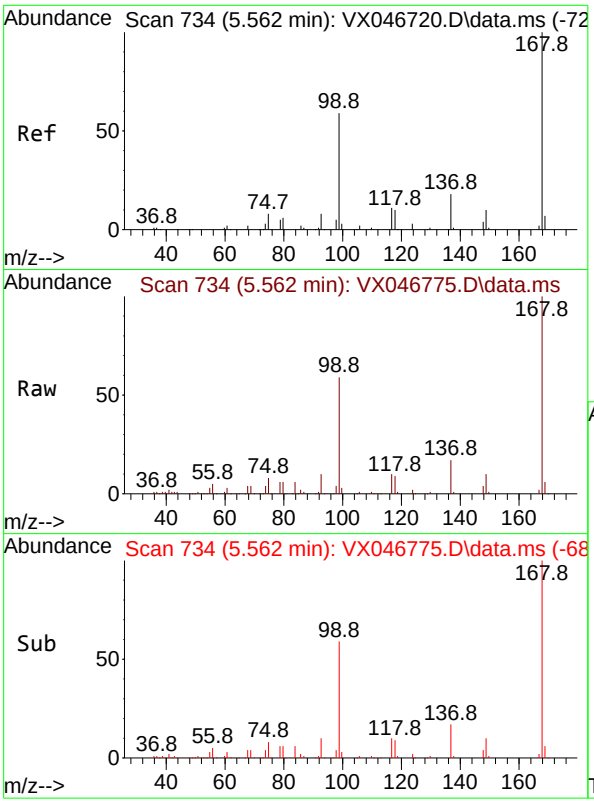
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046775.D
Acq On : 19 Jun 2025 17:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 20 05:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



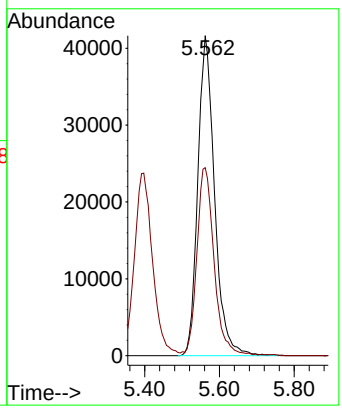


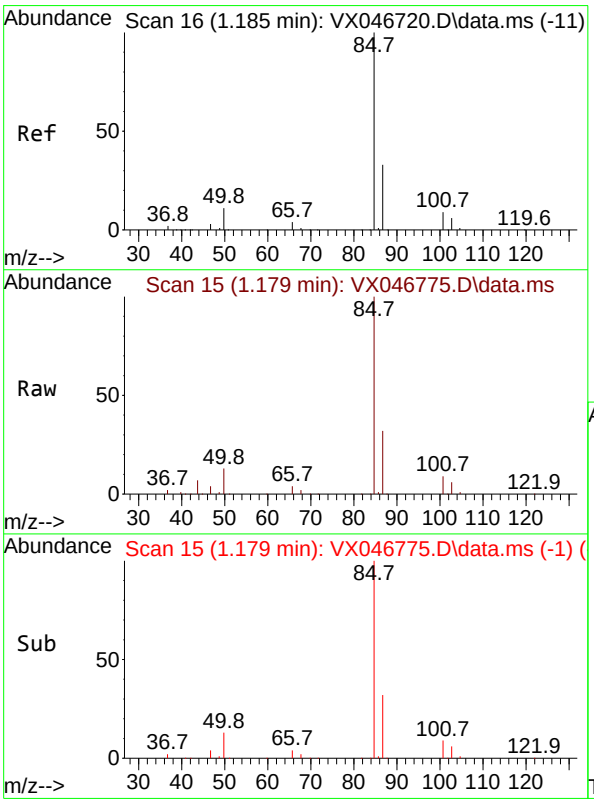
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 129409

Ion	Ratio	Lower	Upper
168	100		
99	58.5	48.5	72.7

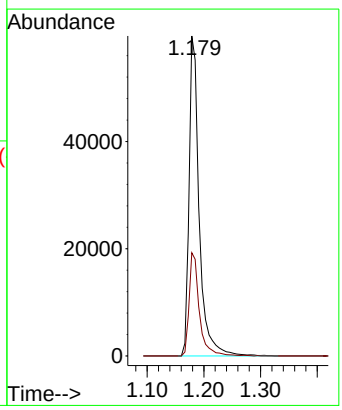


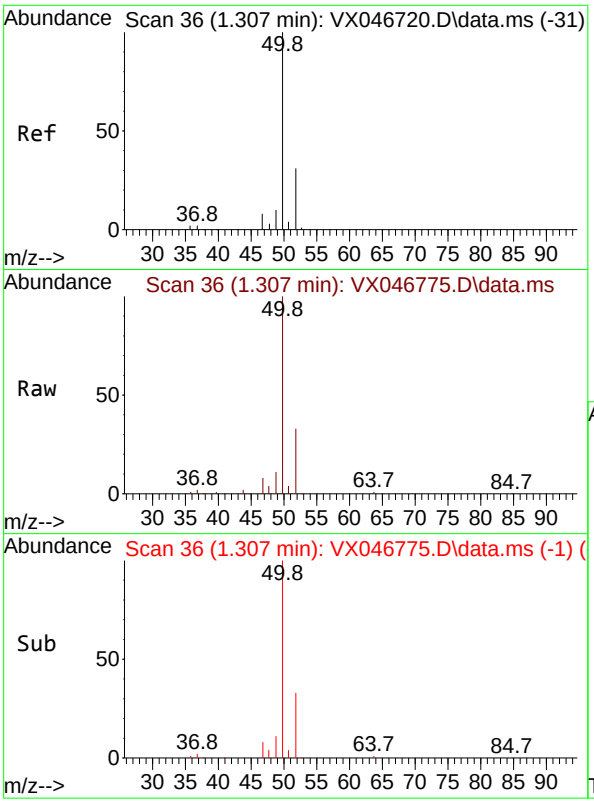


#2
Dichlorodifluoromethane
Concen: 53.629 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 85 Resp: 74095

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.6	49.8



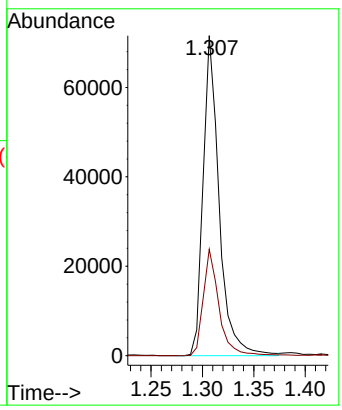


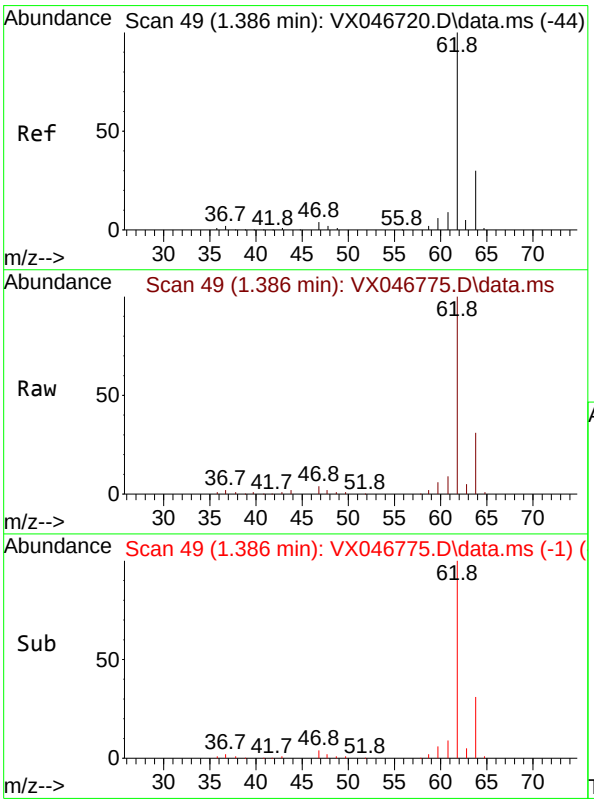
#3
Chloromethane
Concen: 52.149 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 77768

Ion	Ratio	Lower	Upper
50	100		
52	33.2	24.9	37.3

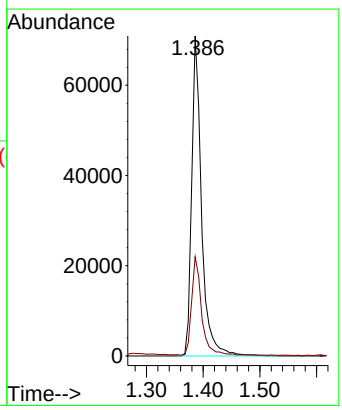


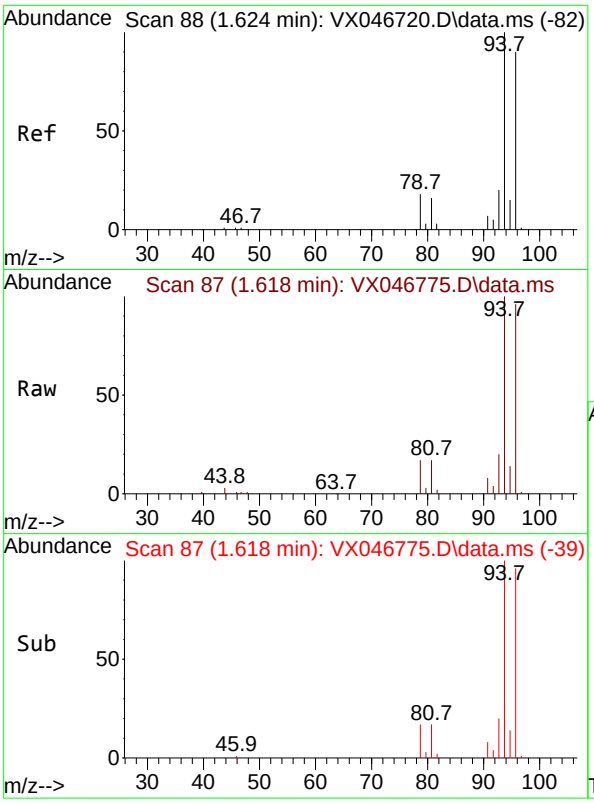


#4
Vinyl Chloride
Concen: 53.822 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 62 Resp: 85590

Ion	Ratio	Lower	Upper
62	100		
64	30.8	23.9	35.9



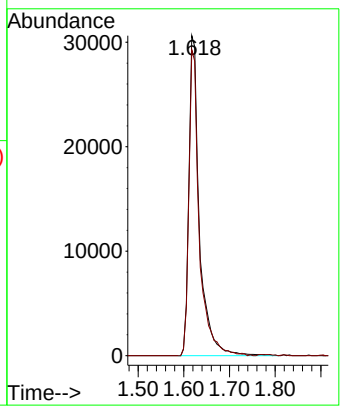


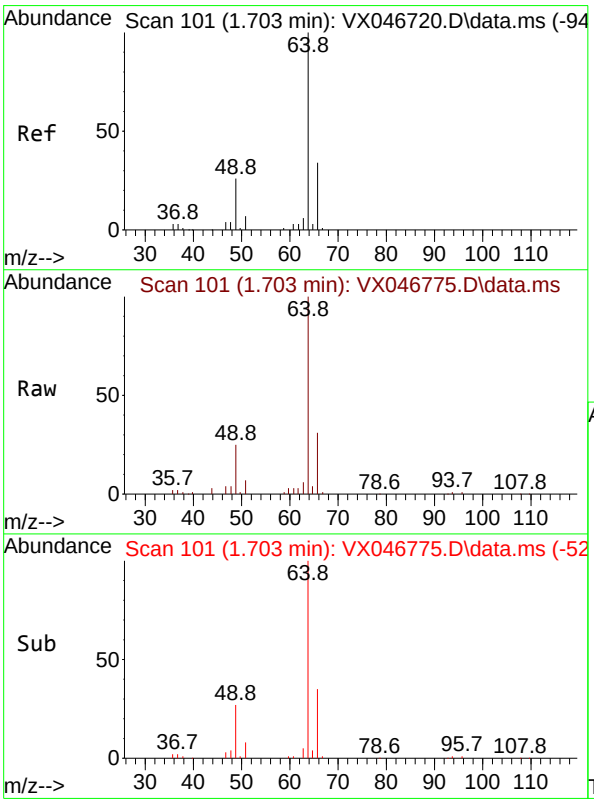
#5
Bromomethane
Concen: 55.188 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 49377

Ion	Ratio	Lower	Upper
94	100		
96	95.6	72.3	108.5

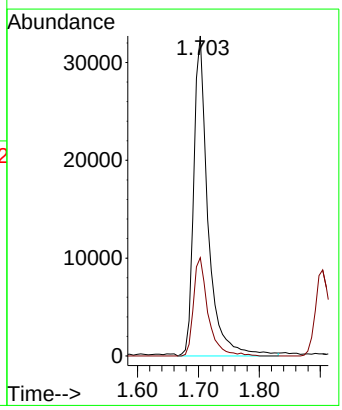


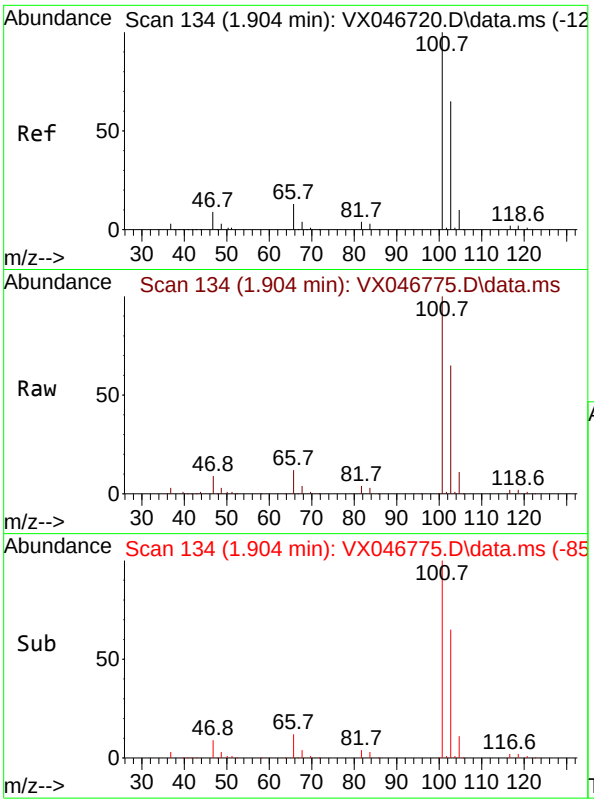


#6
Chloroethane
Concen: 55.480 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 64 Resp: 53474

Ion	Ratio	Lower	Upper
64	100		
66	30.7	27.1	40.7



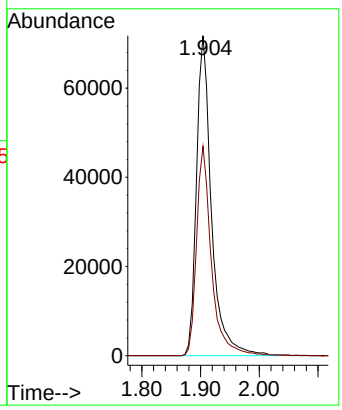


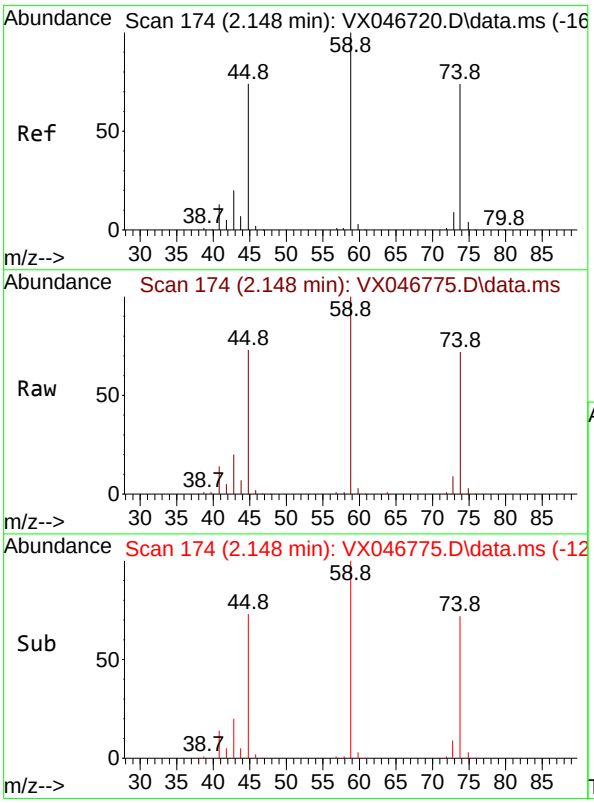
#7
Trichlorofluoromethane
Concen: 52.659 ug/l
RT: 1.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 127152

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.8	77.8

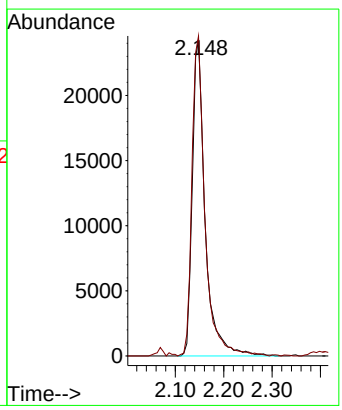


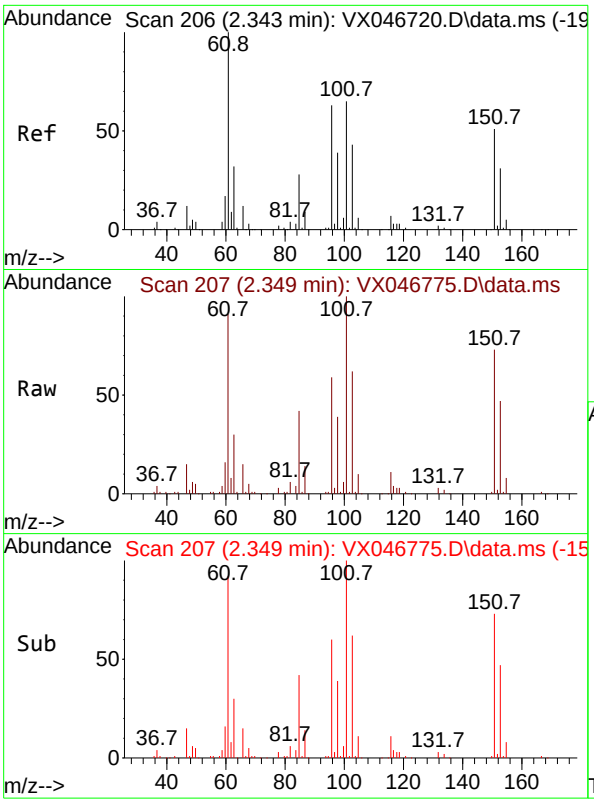


#8
Diethyl Ether
Concen: 53.840 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 74 Resp: 44616

Ion	Ratio	Lower	Upper
74	100		
45	102.7	52.3	157.1



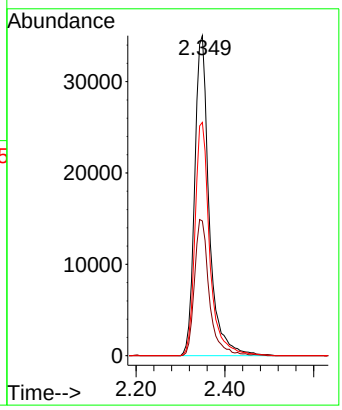


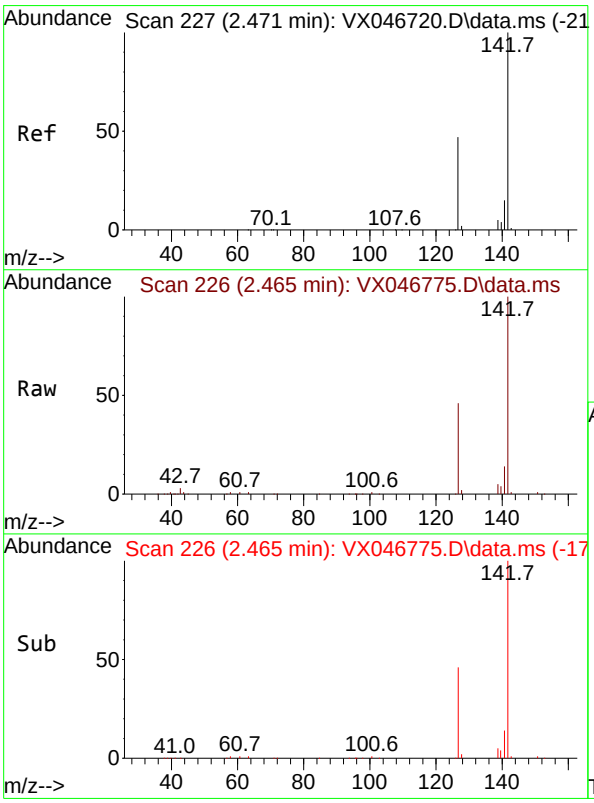
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.654 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 79479

Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.4	53.0
151	74.1	61.2	91.8

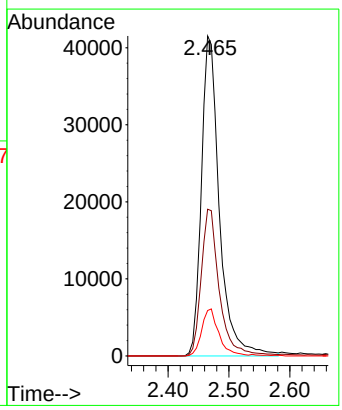


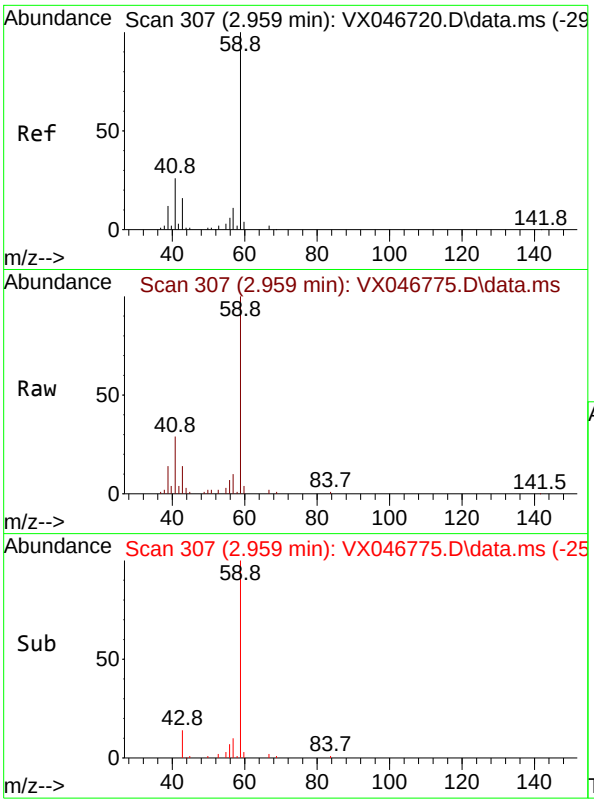


#10
Methyl Iodide
Concen: 46.314 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:142 Resp: 85230

Ion	Ratio	Lower	Upper
142	100		
127	46.1	37.0	55.6
141	14.0	11.5	17.3



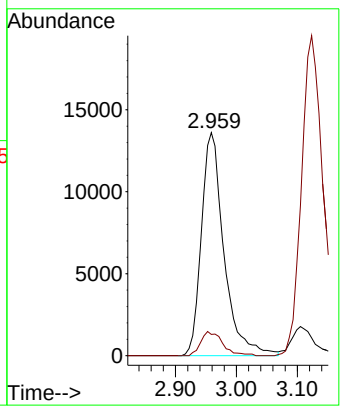


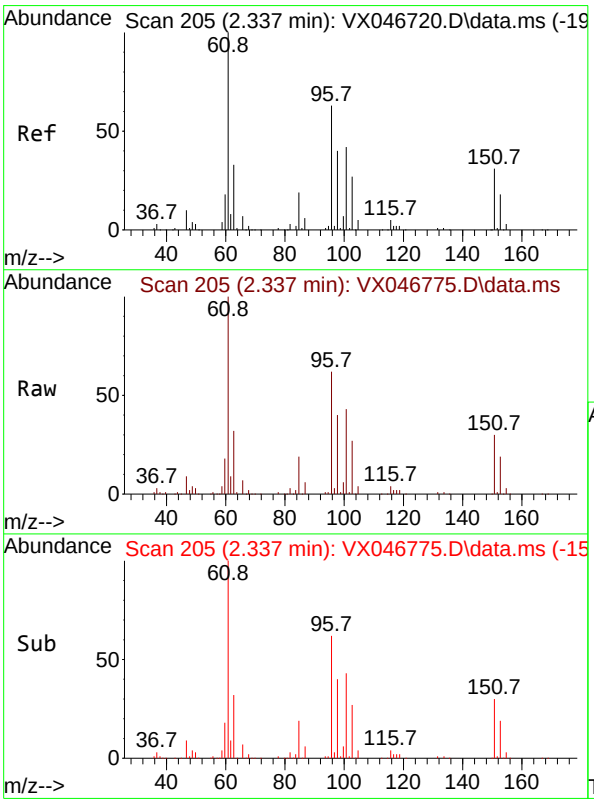
#11
Tert butyl alcohol
Concen: 217.898 ug/l
RT: 2.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 35007

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

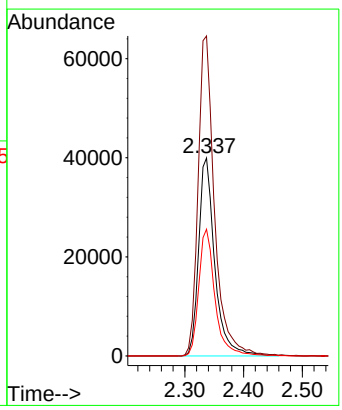


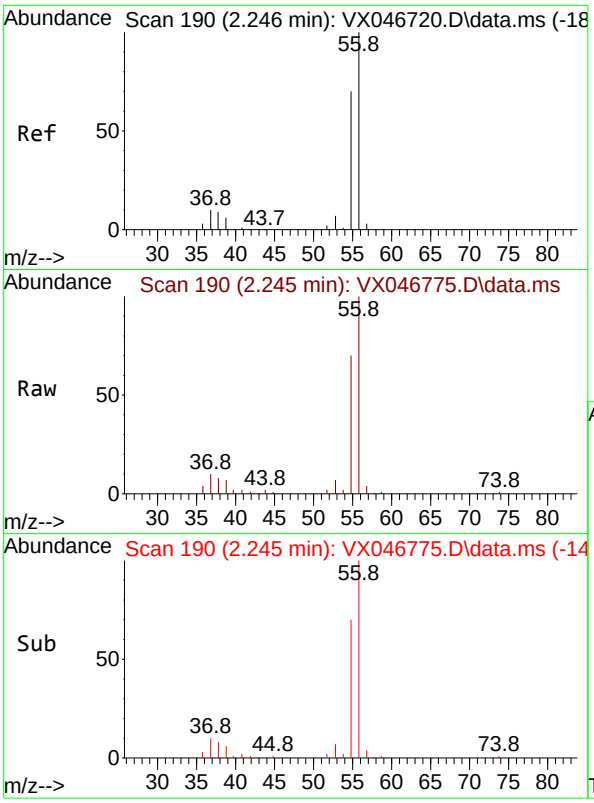


#12
1,1-Dichloroethene
Concen: 53.603 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 96 Resp: 76619

Ion	Ratio	Lower	Upper
96	100		
61	161.7	126.6	189.8
98	64.0	50.7	76.1



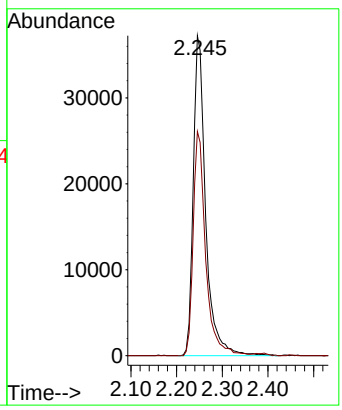


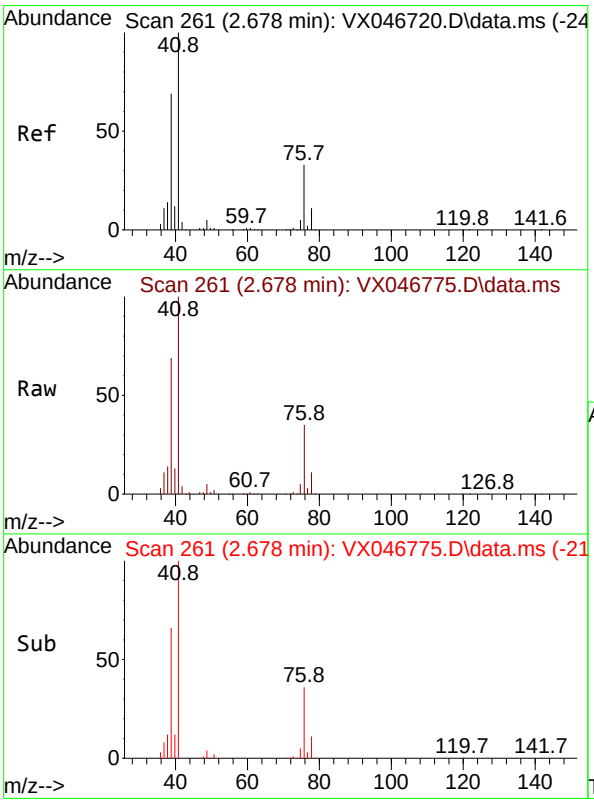
#13
Acrolein
Concen: 298.999 ug/l
RT: 2.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 69969

Ion	Ratio	Lower	Upper
56	100		
55	70.7	55.2	82.8

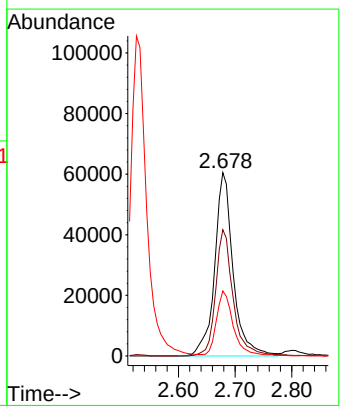


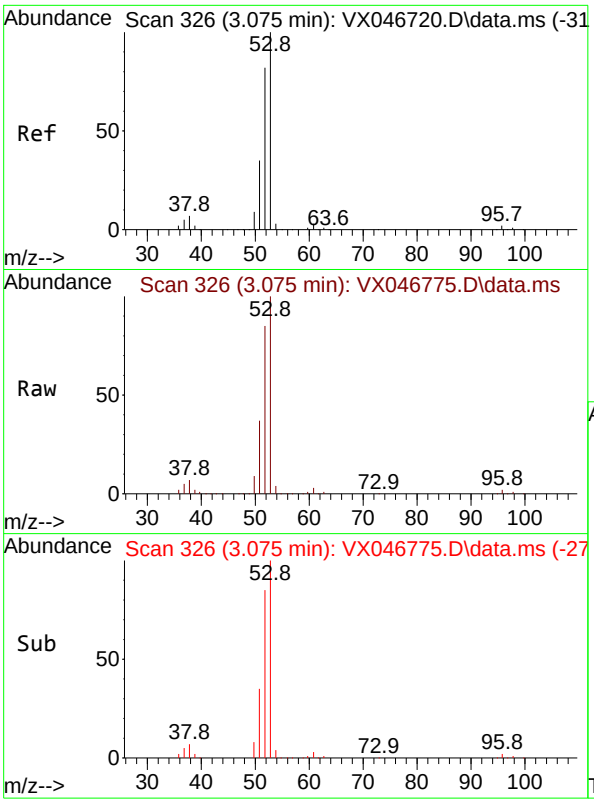


#14
Allyl chloride
Concen: 53.017 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 41 Resp: 137304

Ion	Ratio	Lower	Upper
41	100		
39	65.0	53.6	80.4
76	32.3	26.8	40.2



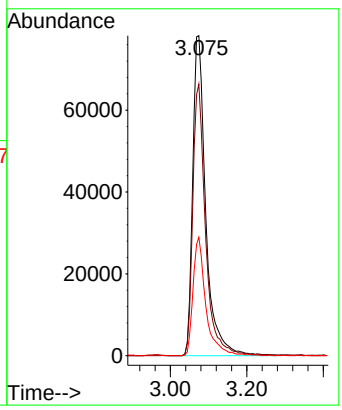


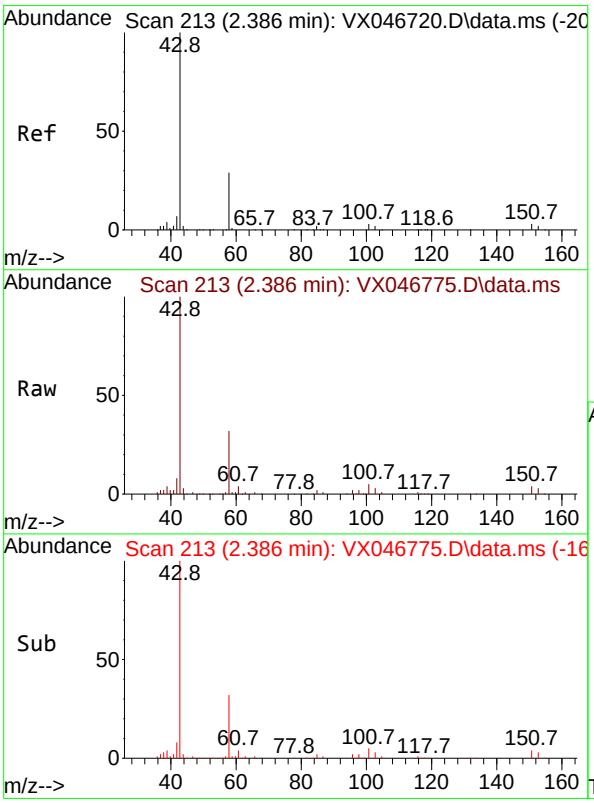
#15
Acrylonitrile
Concen: 257.376 ug/l
RT: 3.075 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 185932

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.1	97.7
51	36.4	28.9	43.3

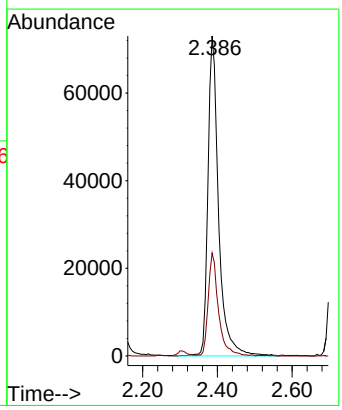


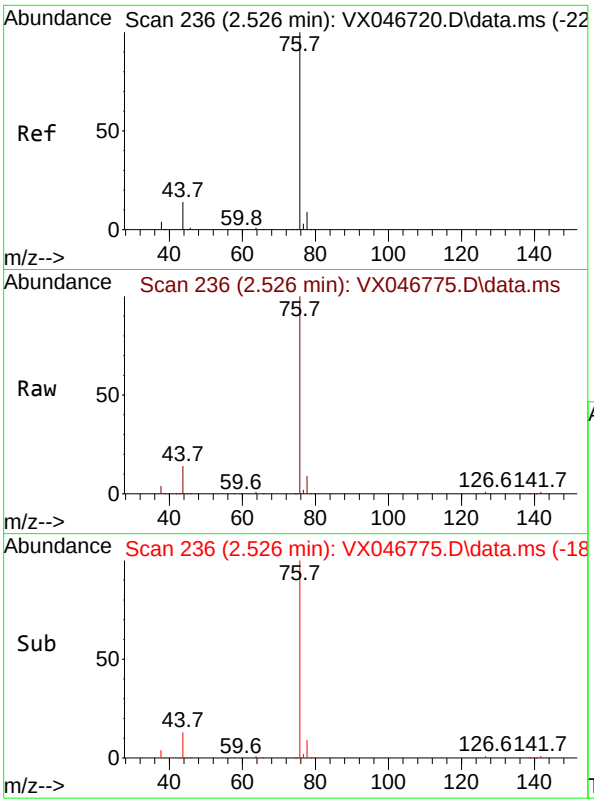


#16
Acetone
Concen: 241.828 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 144349

Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.5	36.7



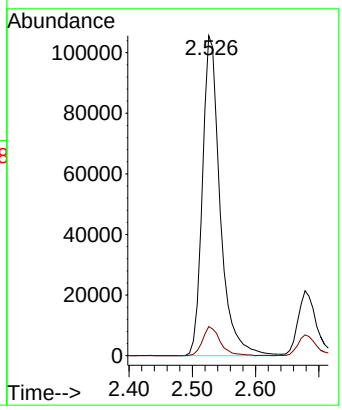


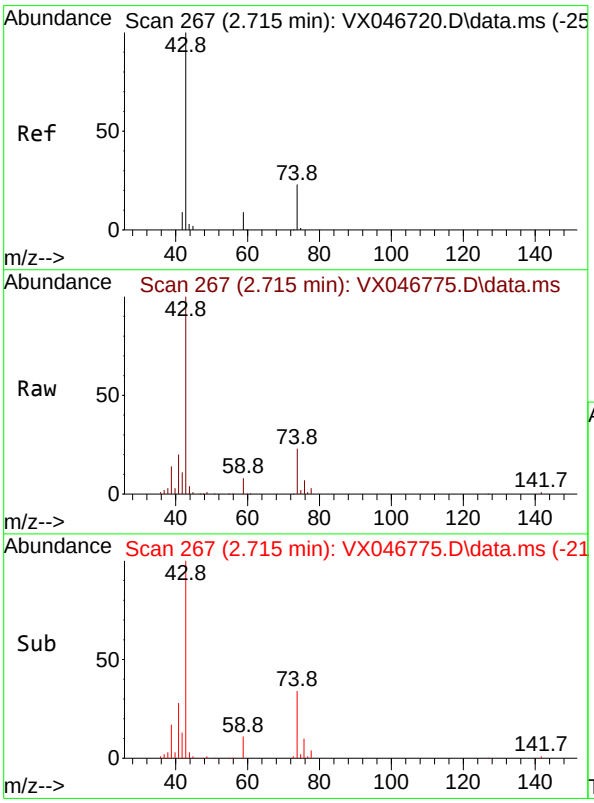
#17
Carbon Disulfide
Concen: 47.607 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 205491

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

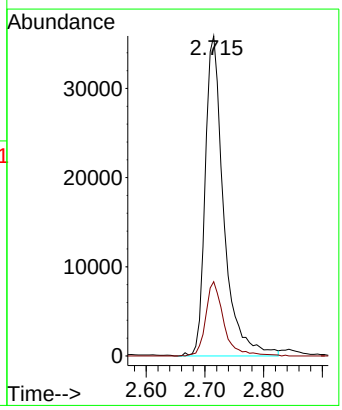


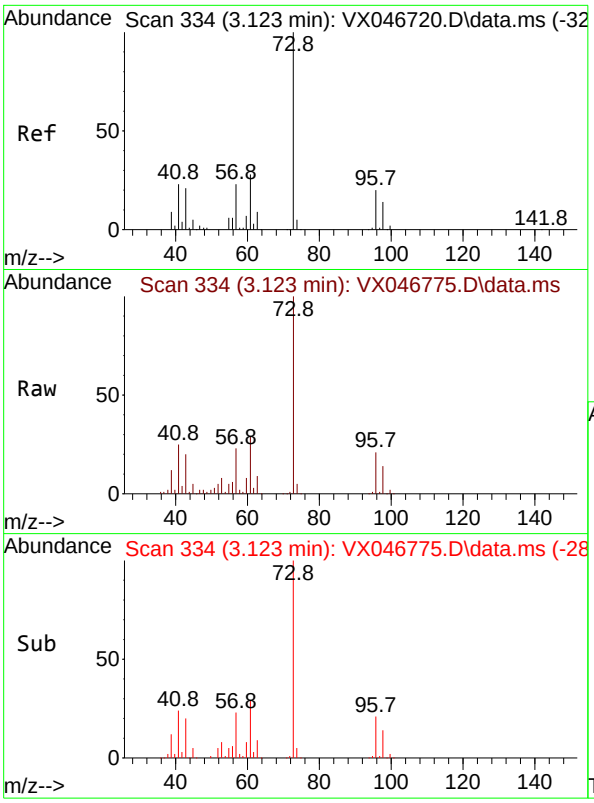


#18
Methyl Acetate
Concen: 51.889 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 78667

Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.4	27.6



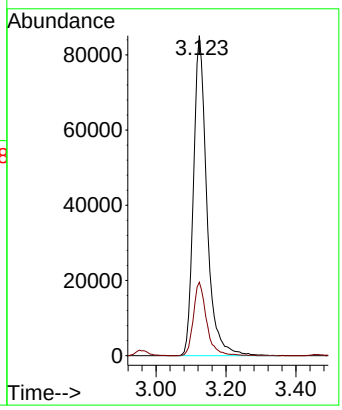


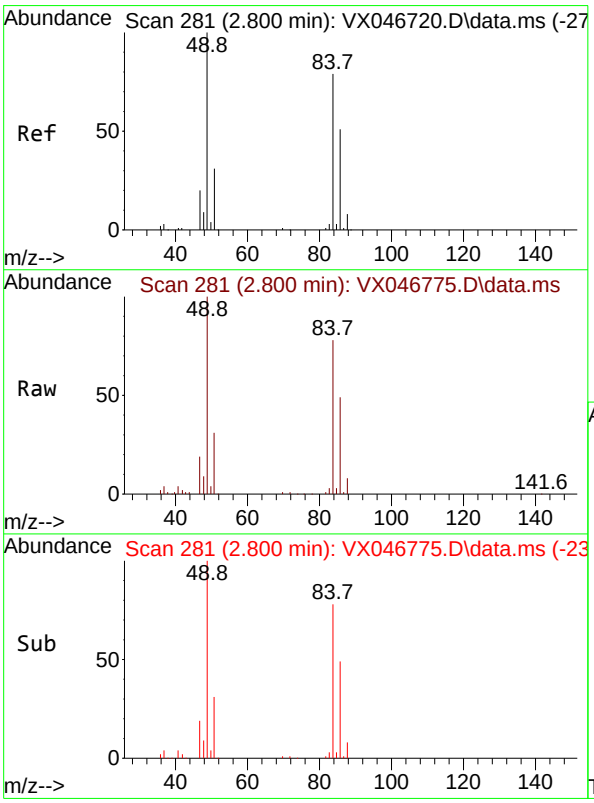
#19
Methyl tert-butyl Ether
Concen: 50.585 ug/l
RT: 3.123 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 225140

Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.2	27.2

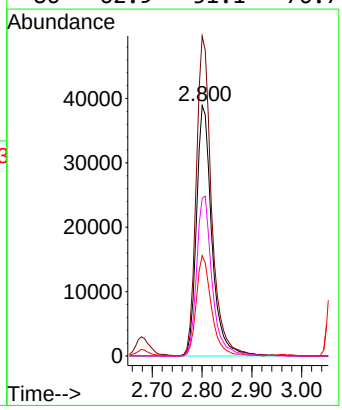


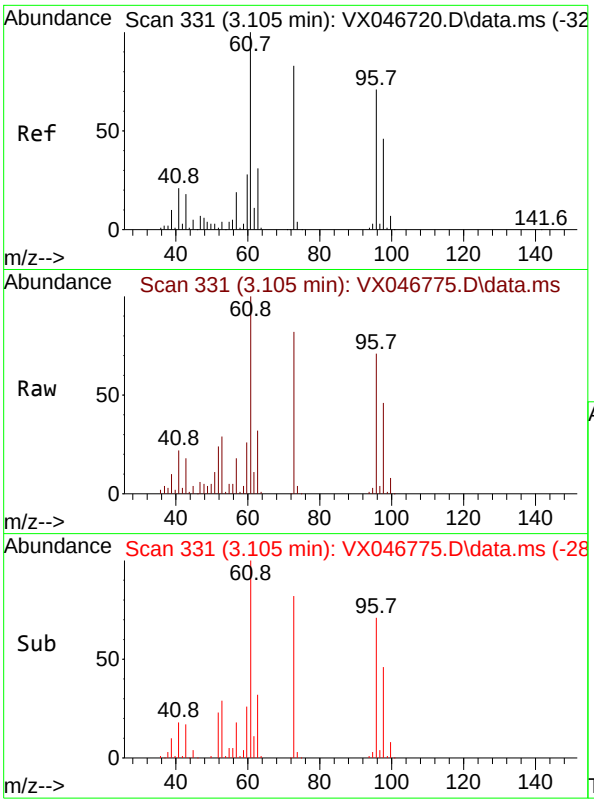


#20
Methylene Chloride
Concen: 50.266 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 84 Resp: 83440

Ion	Ratio	Lower	Upper
84	100		
49	127.7	101.3	151.9
51	40.1	31.0	46.6
86	62.9	51.1	76.7



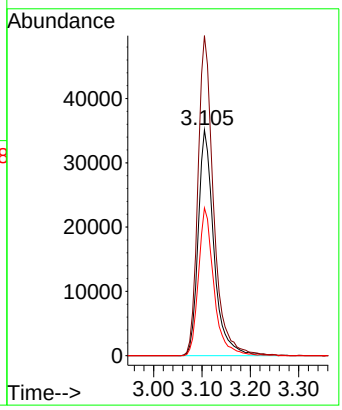


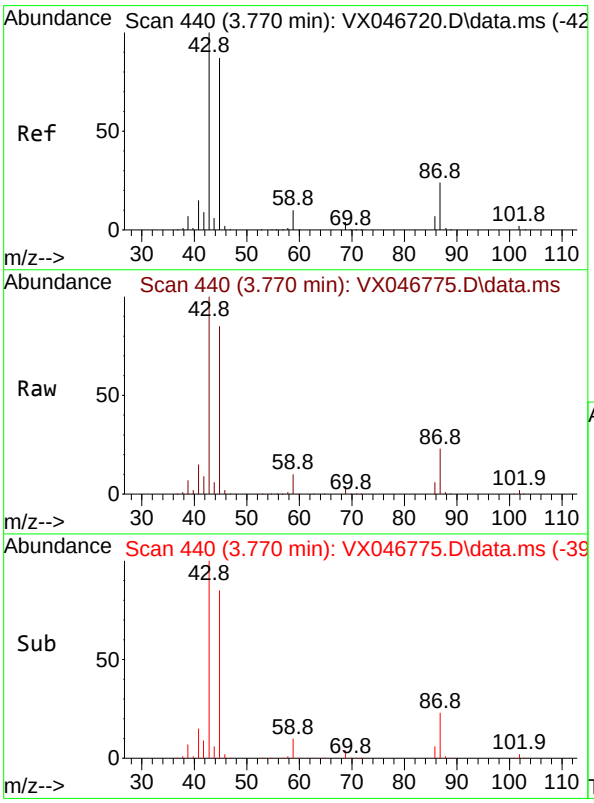
#21
trans-1,2-Dichloroethene
Concen: 51.786 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 79204

Ion	Ratio	Lower	Upper
96	100		
61	141.7	112.5	168.7
98	65.4	51.9	77.9

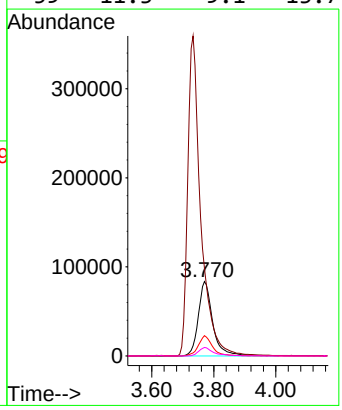


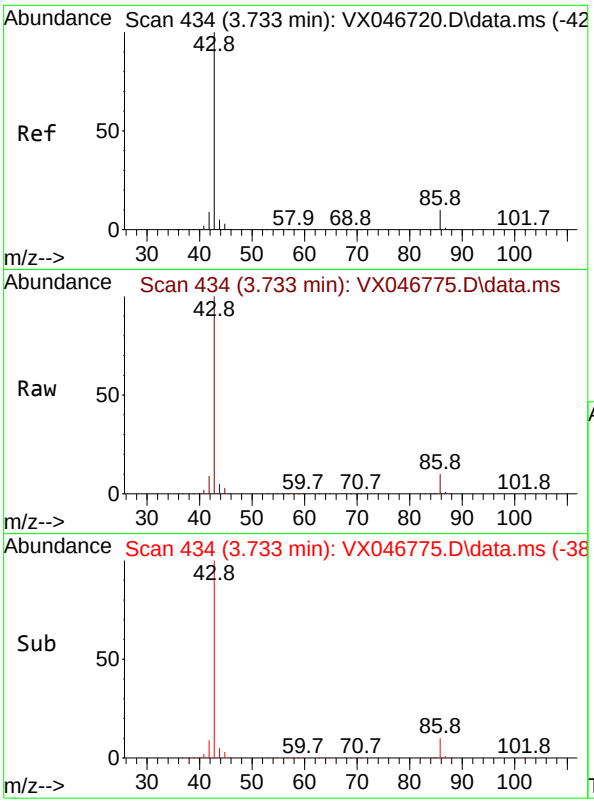


#22
Diisopropyl ether
Concen: 54.281 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 45 Resp: 270205

Ion	Ratio	Lower	Upper
45	100		
43	117.8	91.9	137.9
87	27.3	22.0	33.0
59	11.3	9.1	13.7



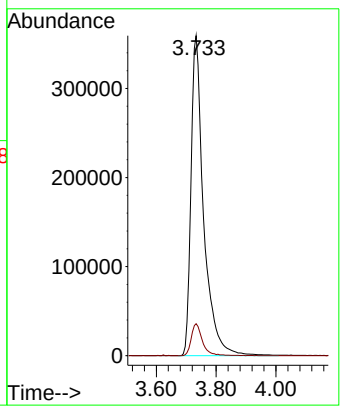


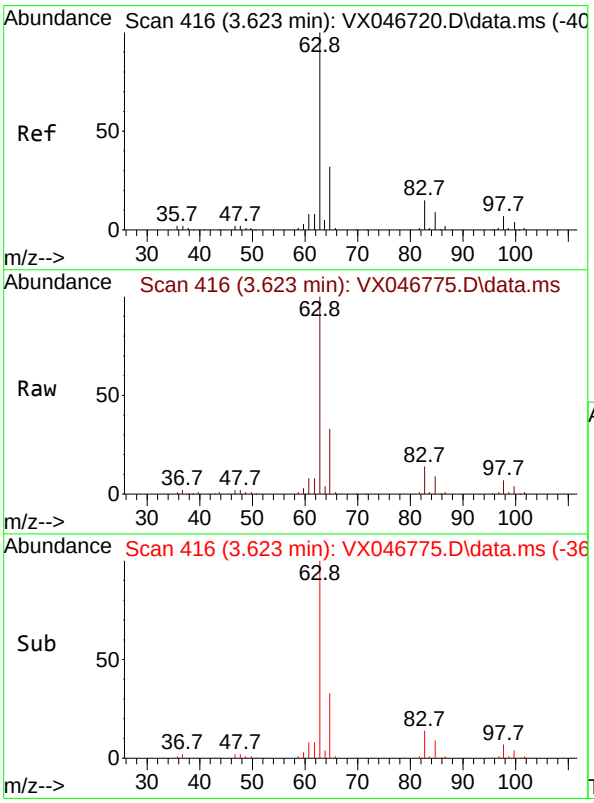
#23
Vinyl Acetate
Concen: 266.763 ug/l
RT: 3.733 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1055978

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.2	12.2

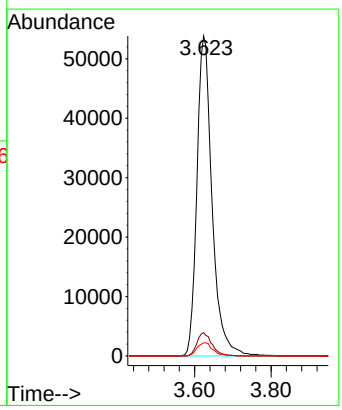


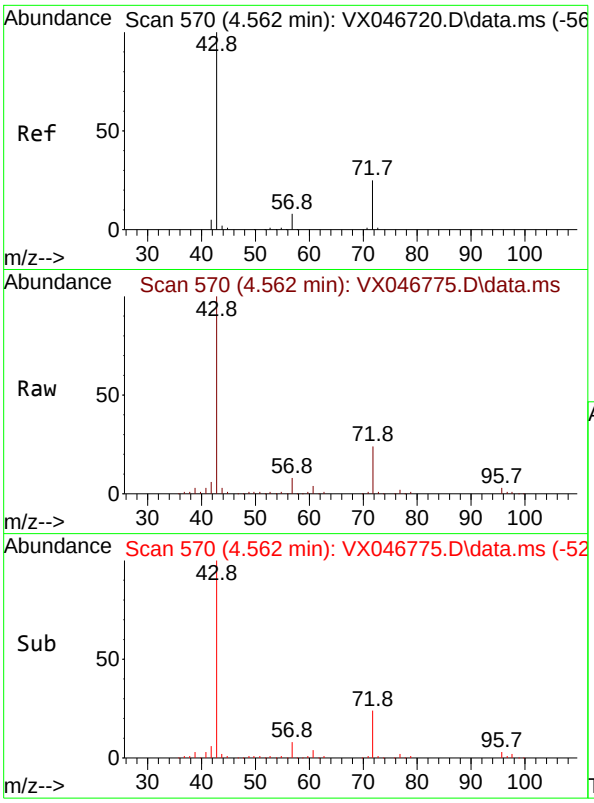


#24
1,1-Dichloroethane
Concen: 52.369 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 63 Resp: 148012

Ion	Ratio	Lower	Upper
63	100		
98	7.3	4.0	11.9
100	4.1	2.2	6.6



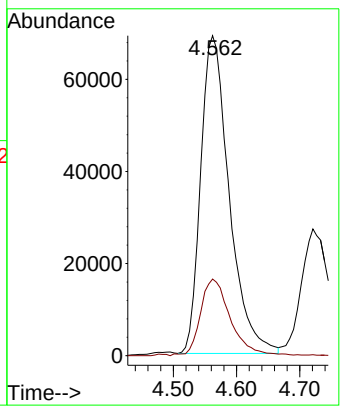


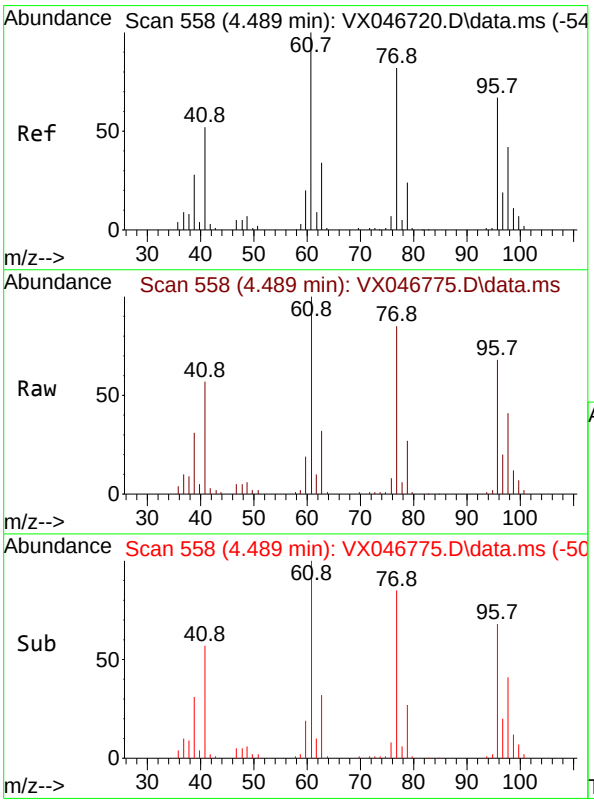
#25
2-Butanone
Concen: 256.282 ug/l
RT: 4.562 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 216354

Ion	Ratio	Lower	Upper
43	100		
72	23.7	20.2	30.4

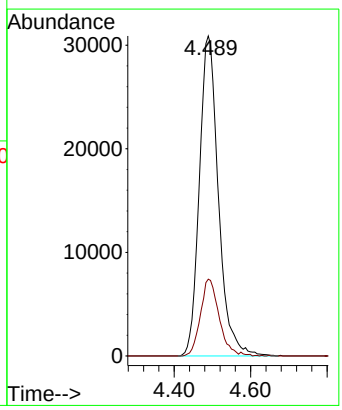


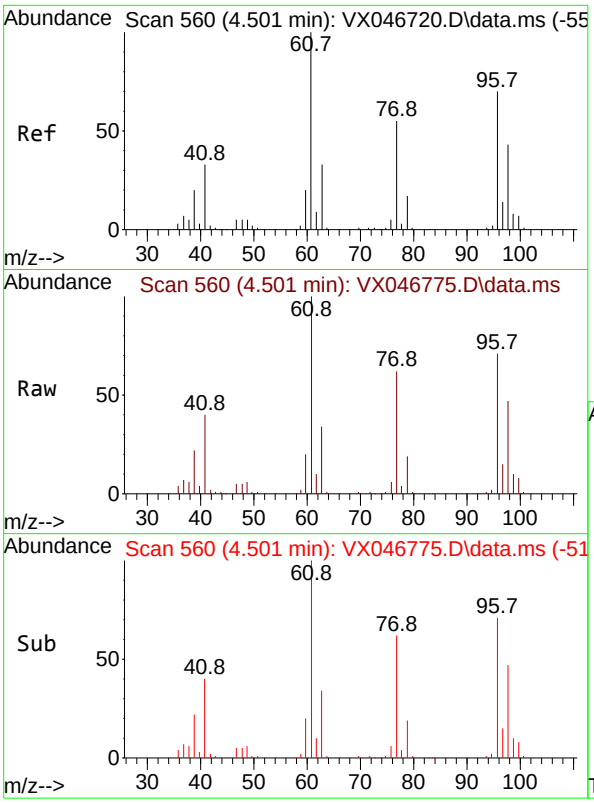


#26
2,2-Dichloropropane
Concen: 51.768 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 77 Resp: 106712

Ion	Ratio	Lower	Upper
77	100		
97	23.6	11.8	35.3



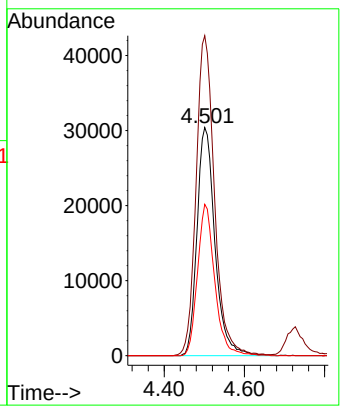


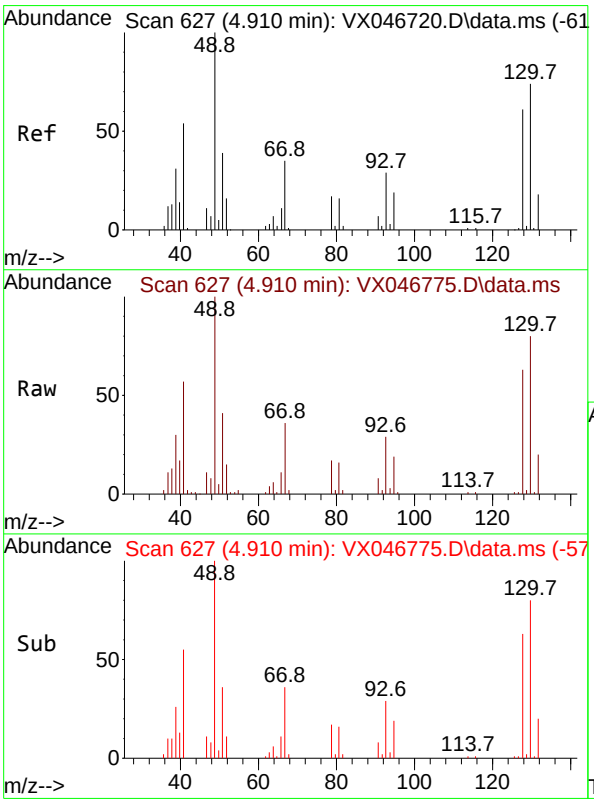
#27
cis-1,2-Dichloroethene
Concen: 52.513 ug/l
RT: 4.501 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 94359

Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	291.0
98	63.9	0.0	126.8

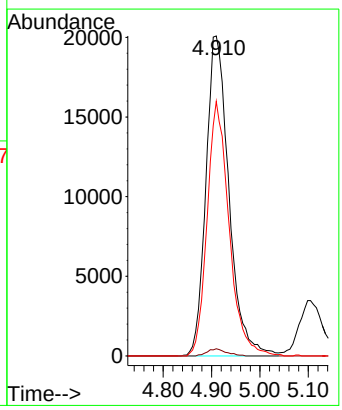


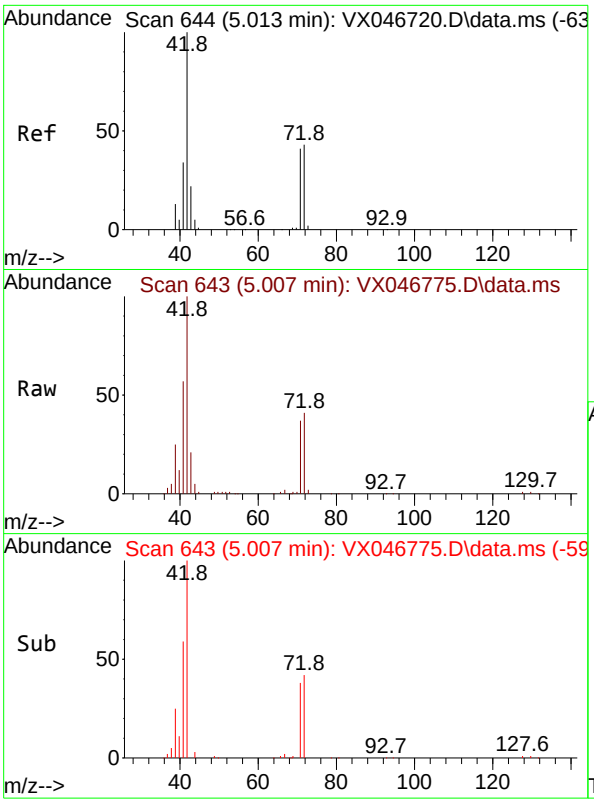


#28
Bromochloromethane
Concen: 51.765 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 49 Resp: 66329

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	75.8	61.4	92.0



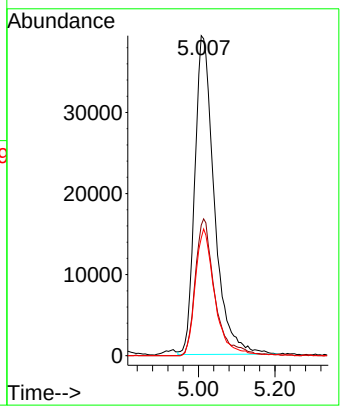


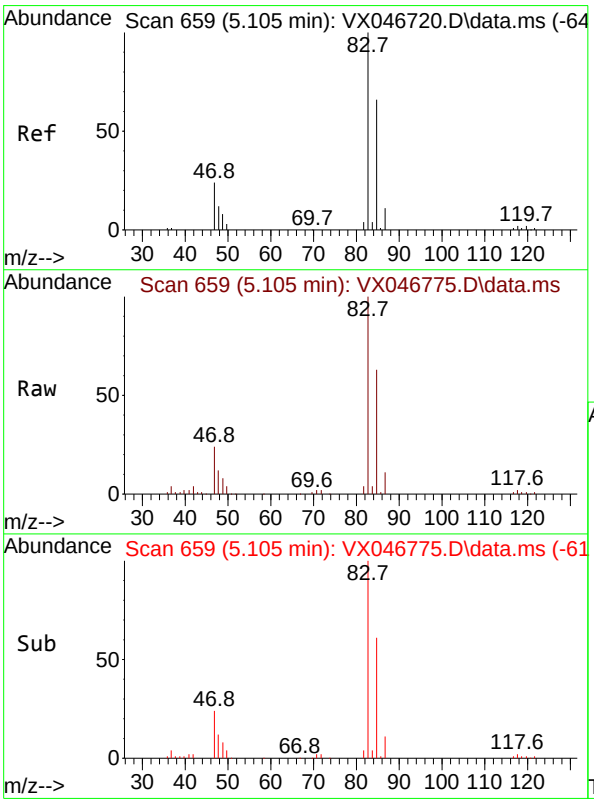
#29
Tetrahydrofuran
Concen: 255.819 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 139493

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.9	52.3
71	39.6	32.2	48.2

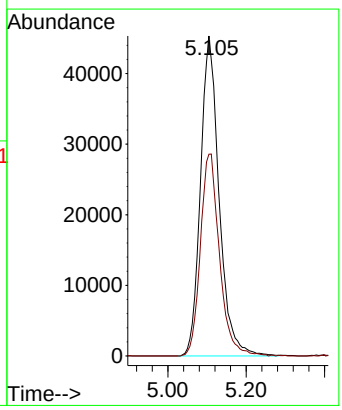


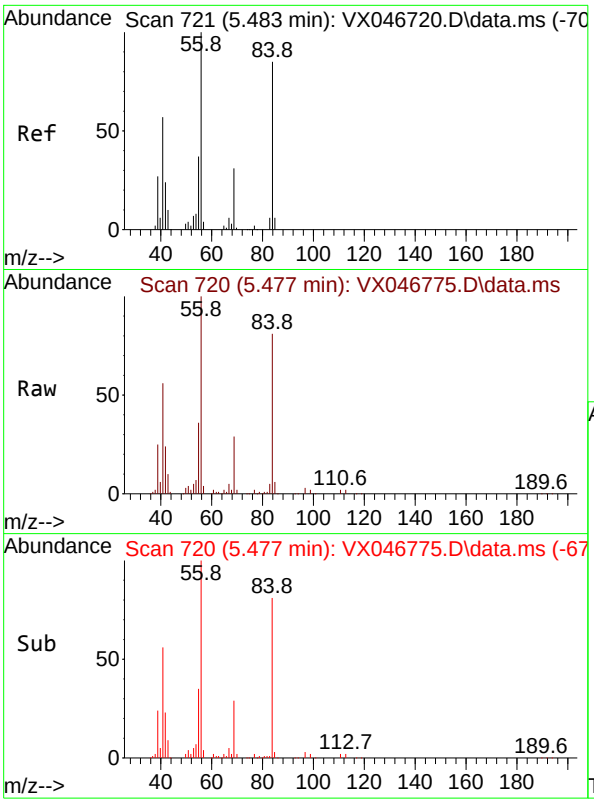


#30
Chloroform
Concen: 52.894 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 83 Resp: 149506

Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.7	80.5



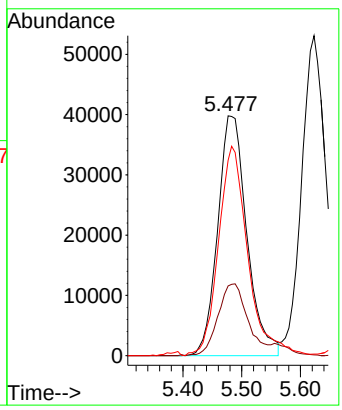


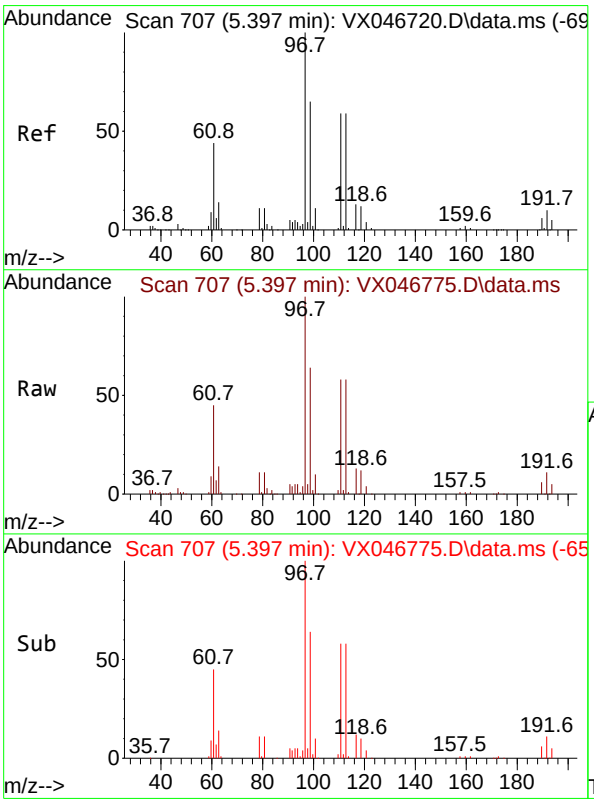
#31
Cyclohexane
Concen: 51.222 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 137290

Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.8	37.2
84	79.7	68.2	102.2

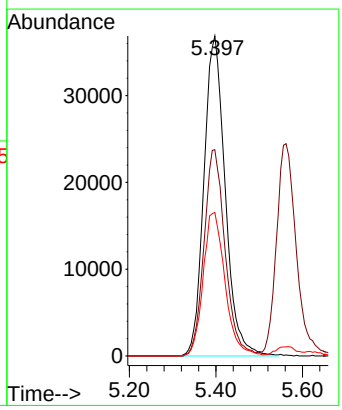


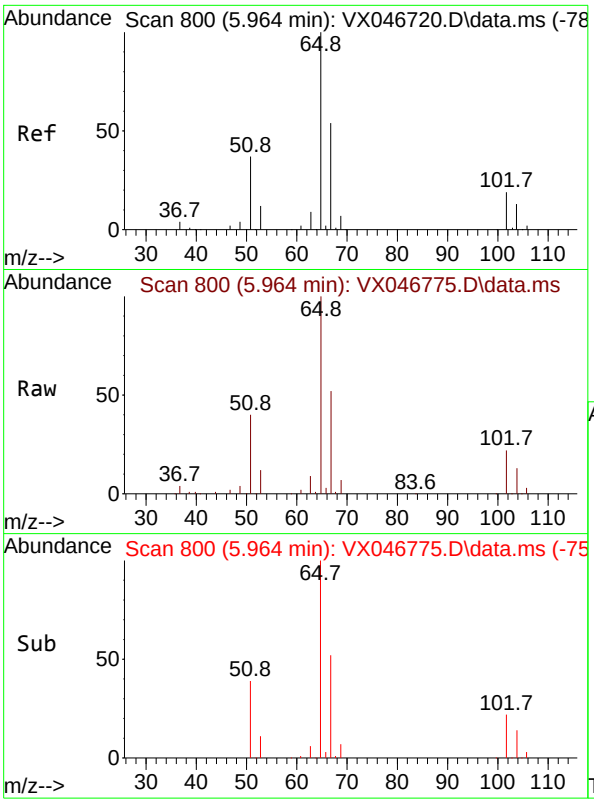


#32
1,1,1-Trichloroethane
Concen: 50.784 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 97 Resp: 125889

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	46.1	36.4	54.6



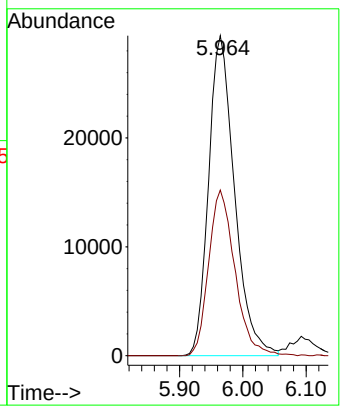


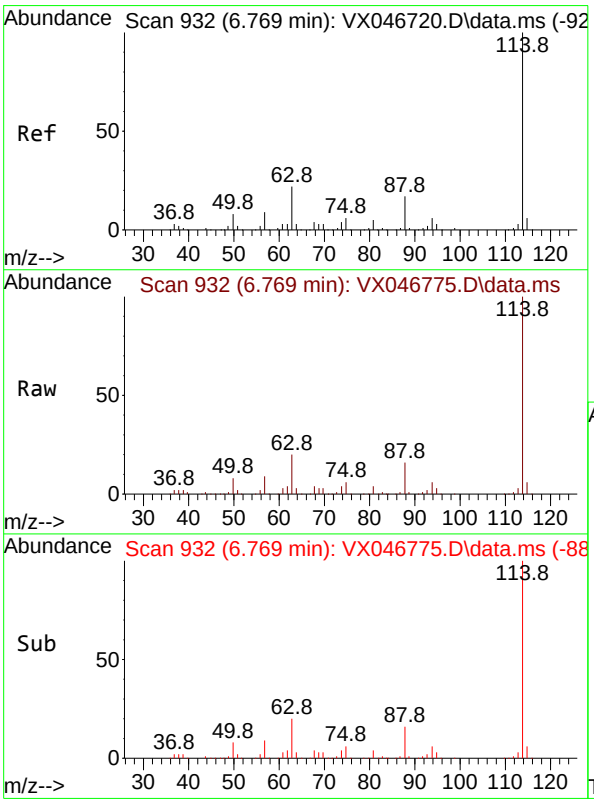
#33
1,2-Dichloroethane-d4
Concen: 46.825 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 83815

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.4

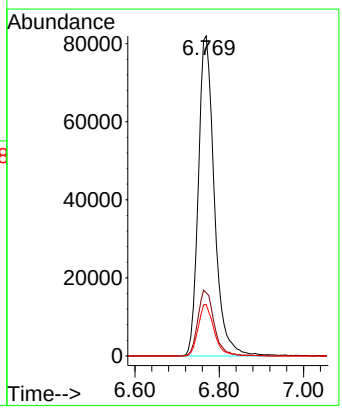


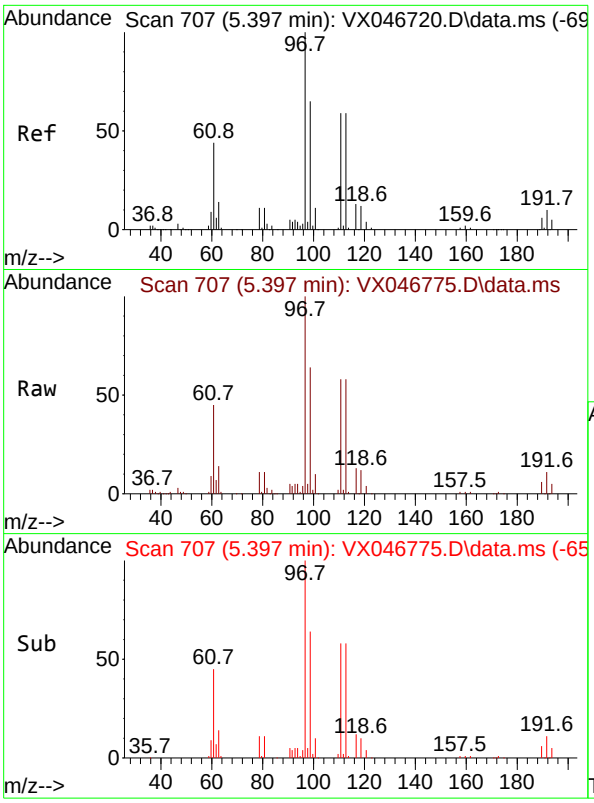


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:114 Resp: 216626

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	44.2
88	16.1	0.0	33.2



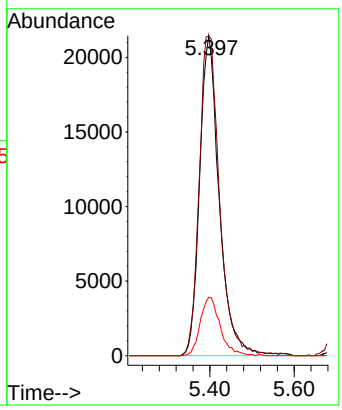


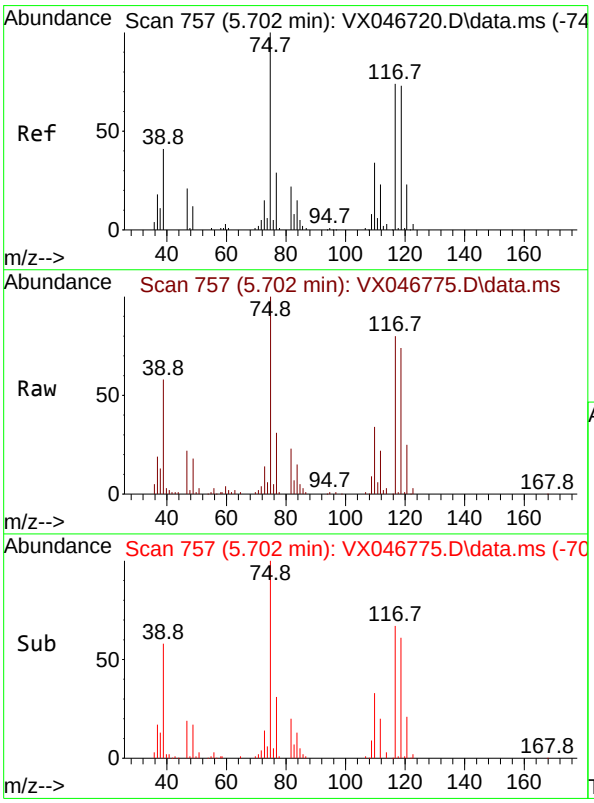
#35
Dibromofluoromethane
Concen: 48.316 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 69249

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.0	123.0
192	18.5	15.3	22.9

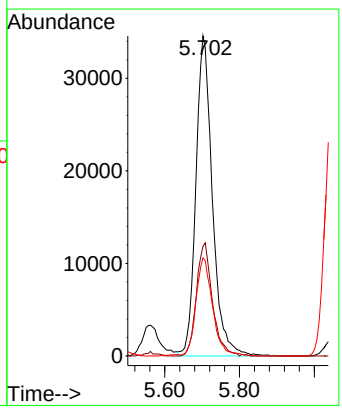


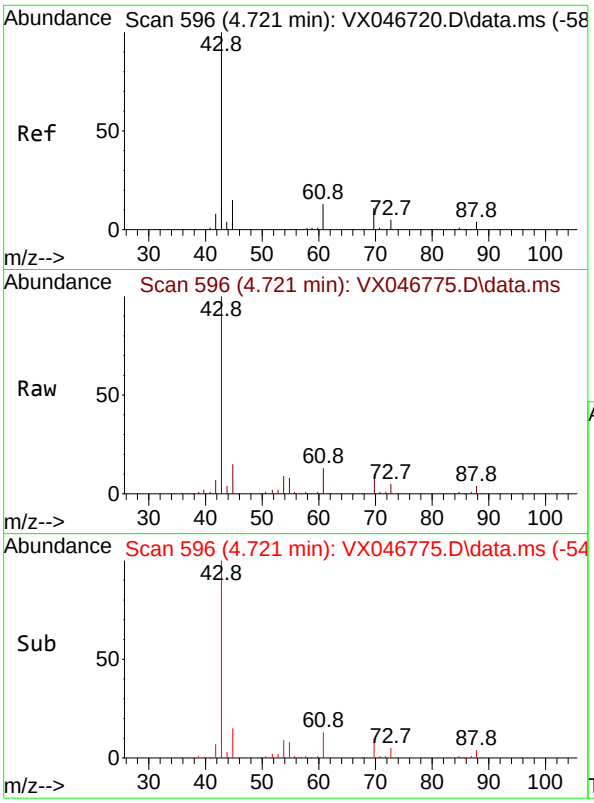


#36
1,1-Dichloropropene
Concen: 51.182 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 75 Resp: 105895

Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.2	51.5
77	30.8	24.2	36.4



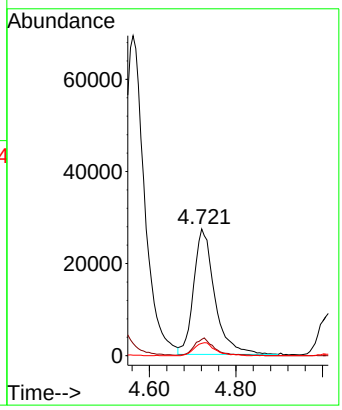


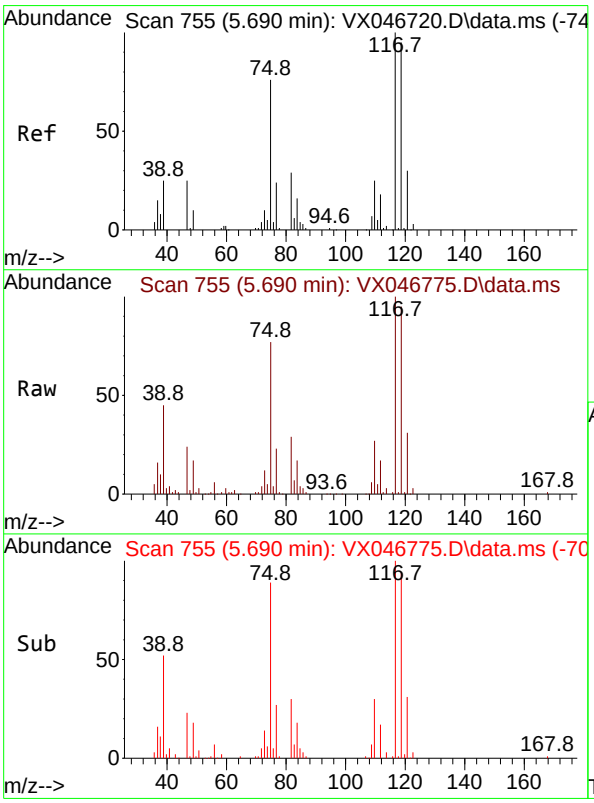
#37
Ethyl Acetate
Concen: 48.219 ug/l
RT: 4.721 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 92088

Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.7	14.5
70	10.2	8.1	12.1

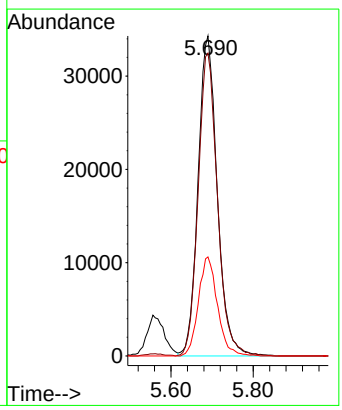


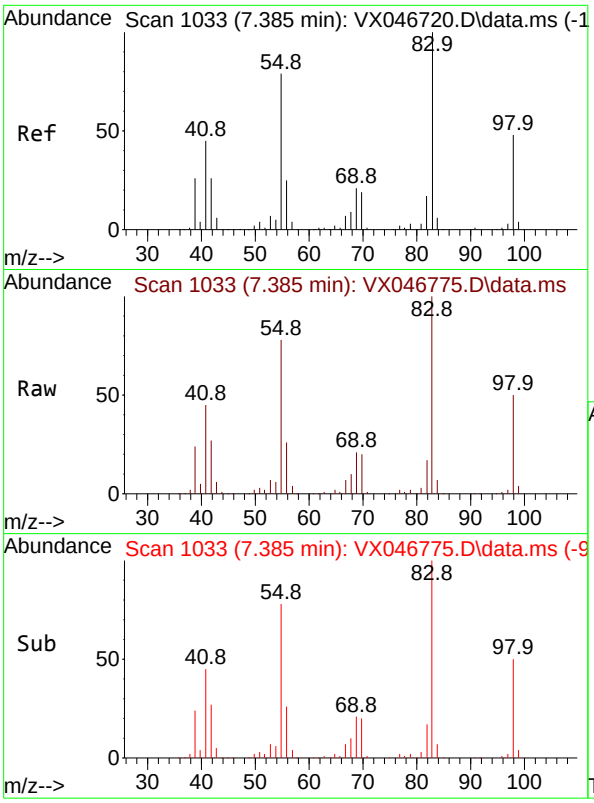


#38
Carbon Tetrachloride
Concen: 49.529 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:117 Resp: 111211

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.2	112.8
121	30.9	24.1	36.1



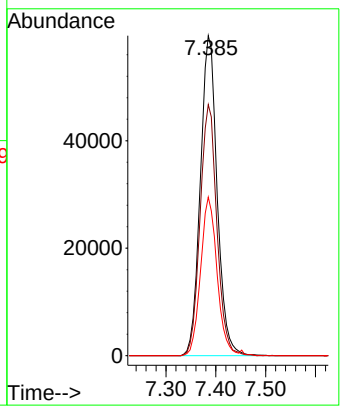


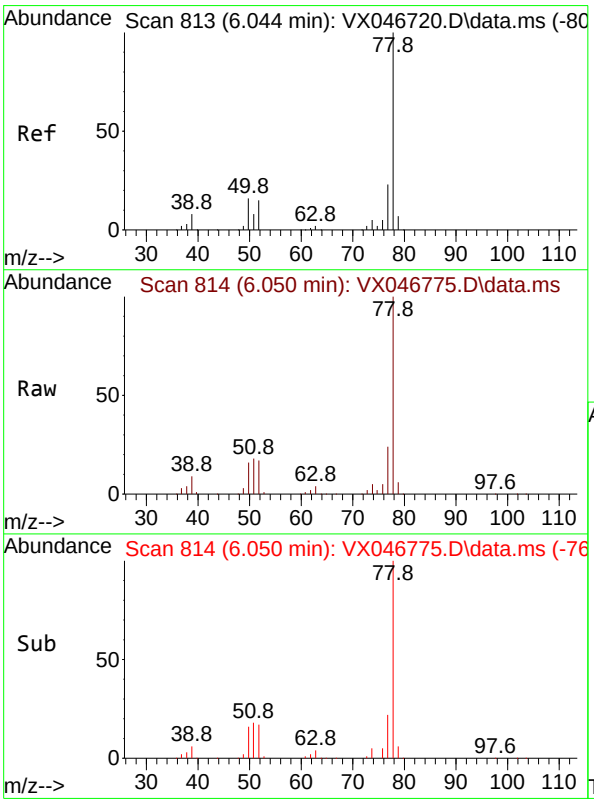
#39
Methylcyclohexane
Concen: 51.281 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 139618

Ion	Ratio	Lower	Upper
83	100		
55	78.5	63.0	94.4
98	49.6	38.8	58.2

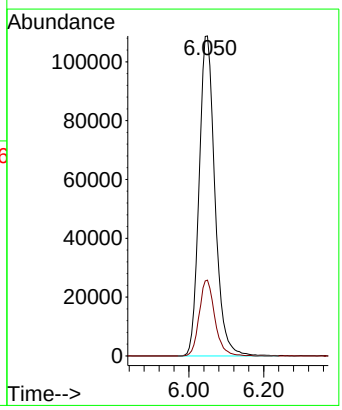


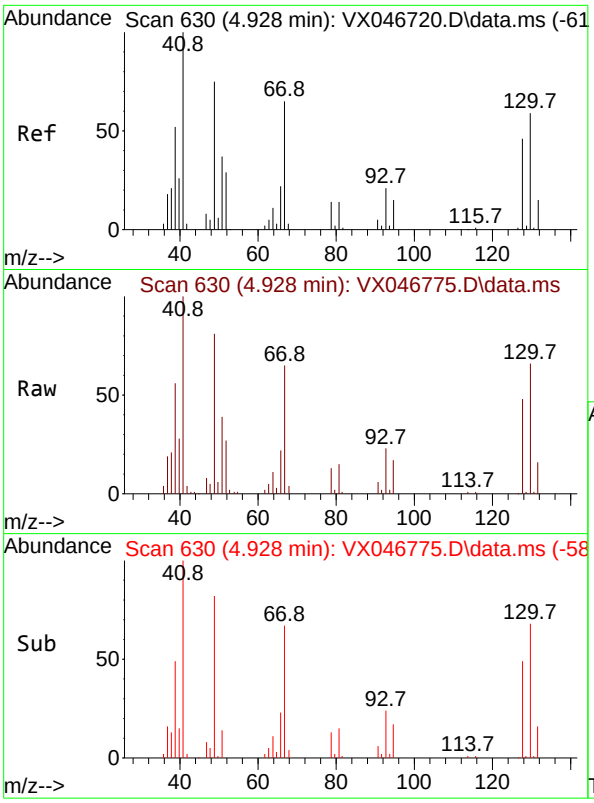


#40
Benzene
Concen: 52.086 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 78 Resp: 318931

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2



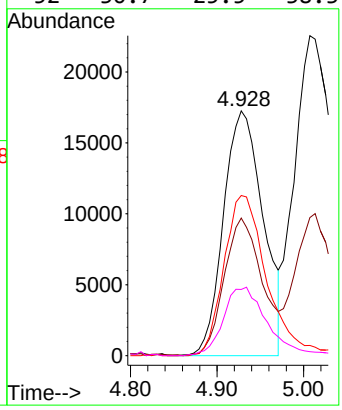


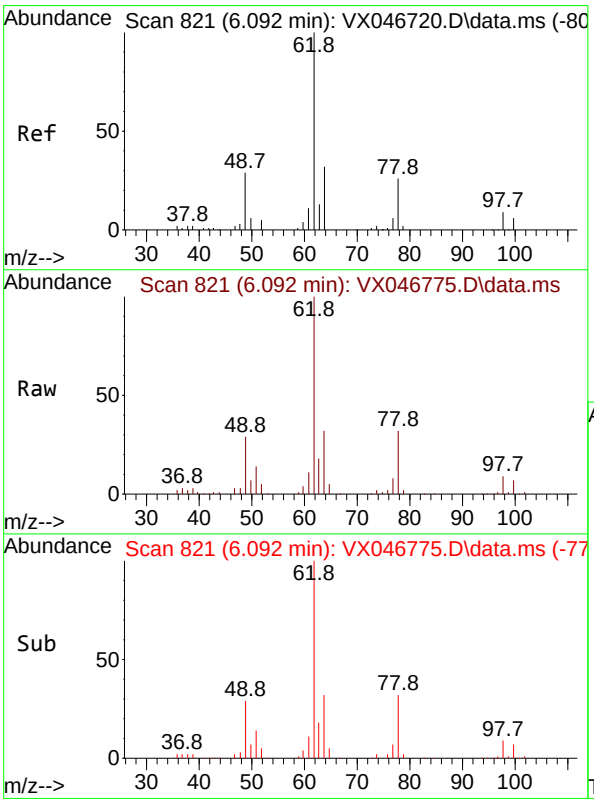
#41
Methacrylonitrile
Concen: 54.078 ug/l
RT: 4.928 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 55058

Ion	Ratio	Lower	Upper
41	100		
39	53.7	45.9	68.9
67	71.4	61.2	91.8
52	30.7	25.5	38.3

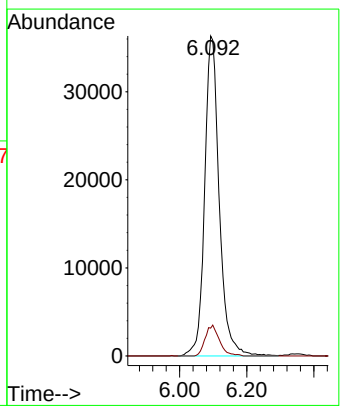


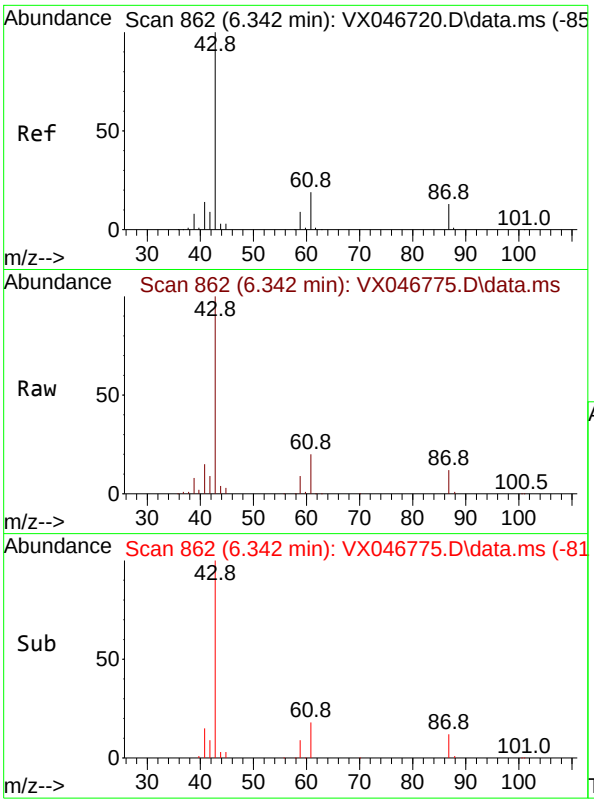


#42
1,2-Dichloroethane
Concen: 50.860 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 62 Resp: 109435

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8



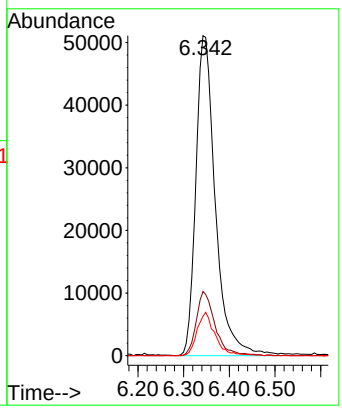


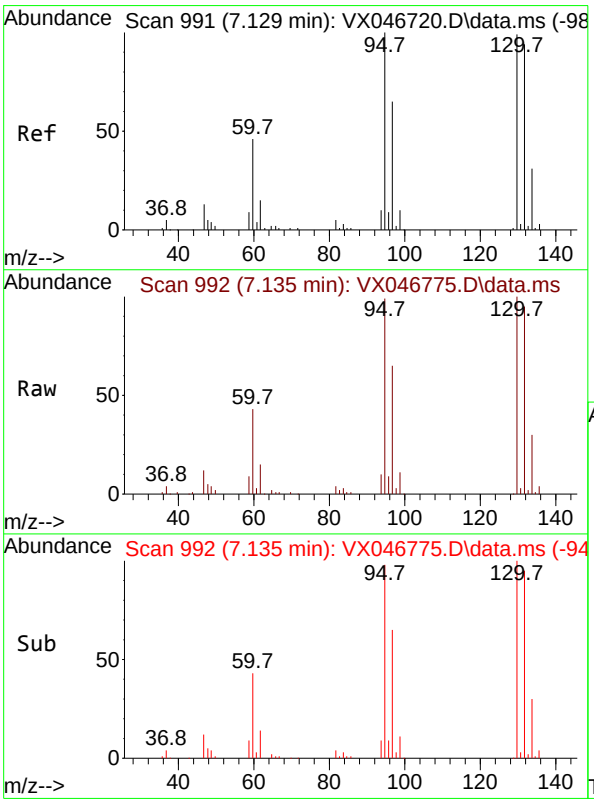
#43
Isopropyl Acetate
Concen: 50.655 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 151380

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.3	22.9
87	12.5	10.0	15.0

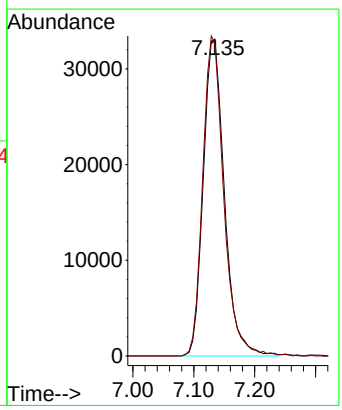


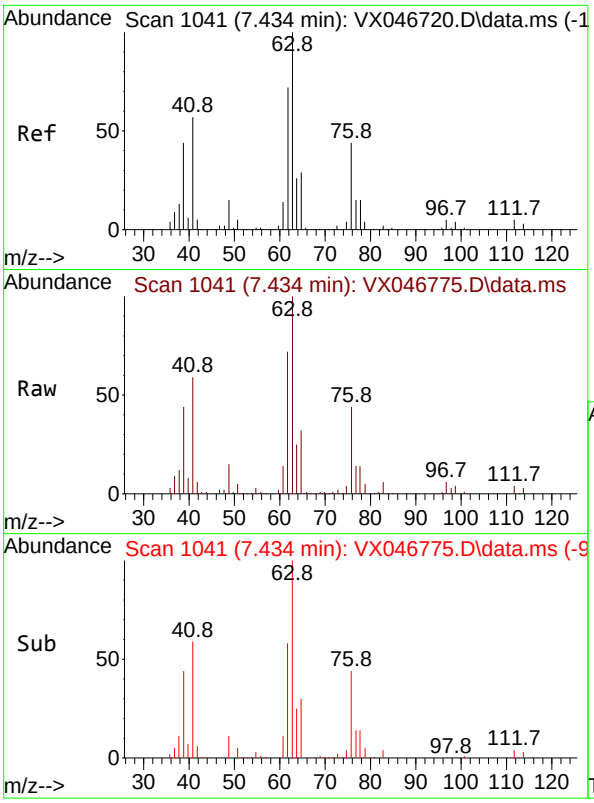


#44
Trichloroethene
Concen: 51.252 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:130 Resp: 79977

Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	202.6



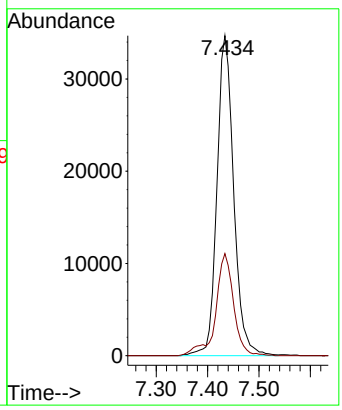


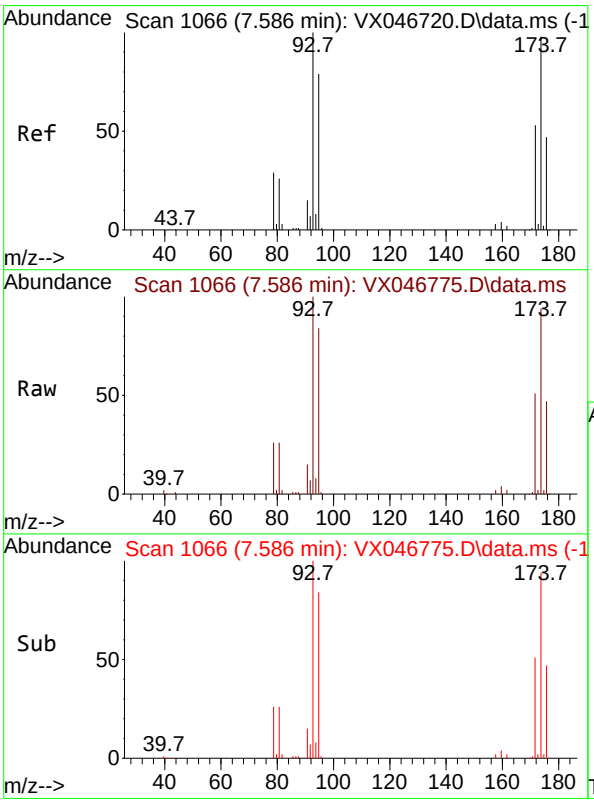
#45
1,2-Dichloropropane
Concen: 51.797 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 78602

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.9	34.3

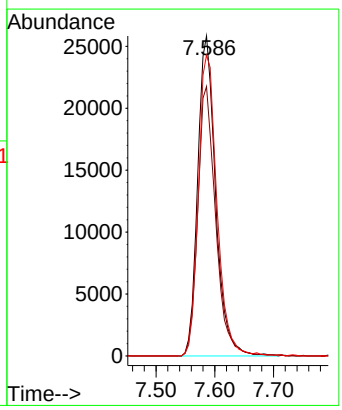


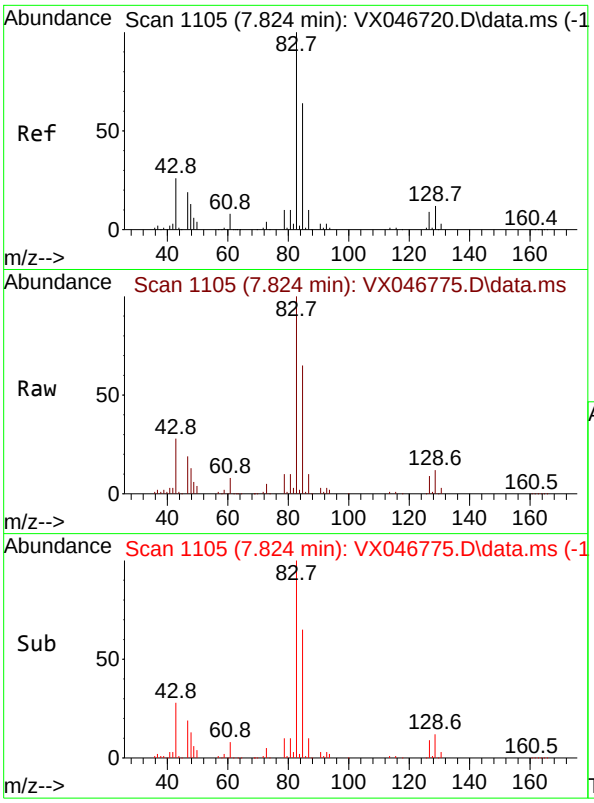


#46
Dibromomethane
Concen: 50.201 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 93 Resp: 54750

Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.2	99.4
174	97.6	77.0	115.6



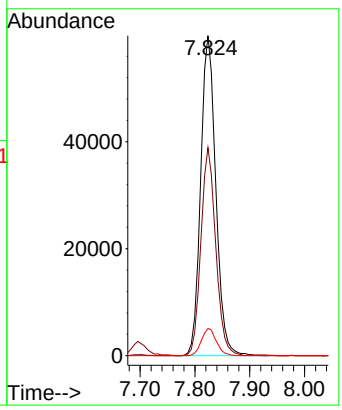


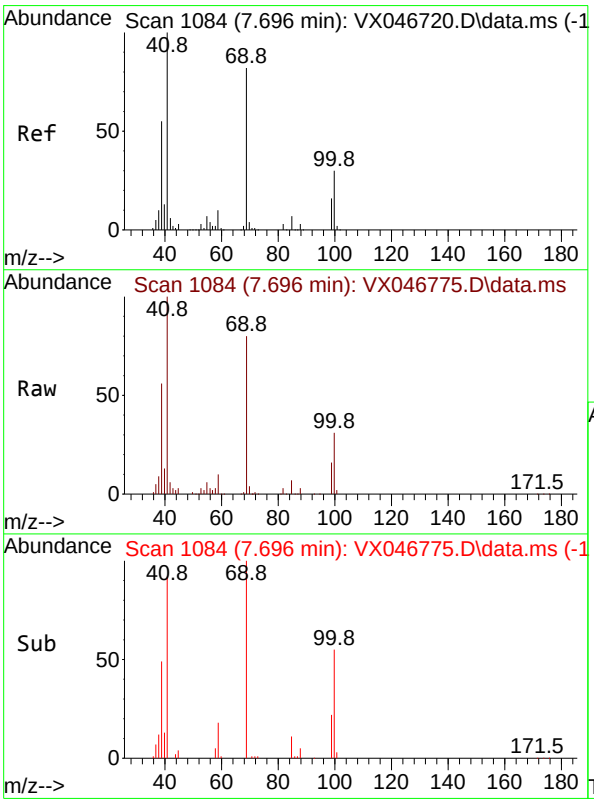
#47
Bromodichloromethane
Concen: 51.475 ug/l
RT: 7.824 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 114561

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.2
127	8.5	6.9	10.3

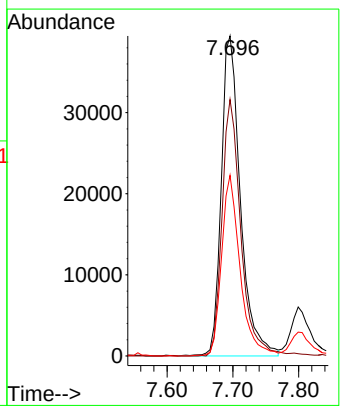


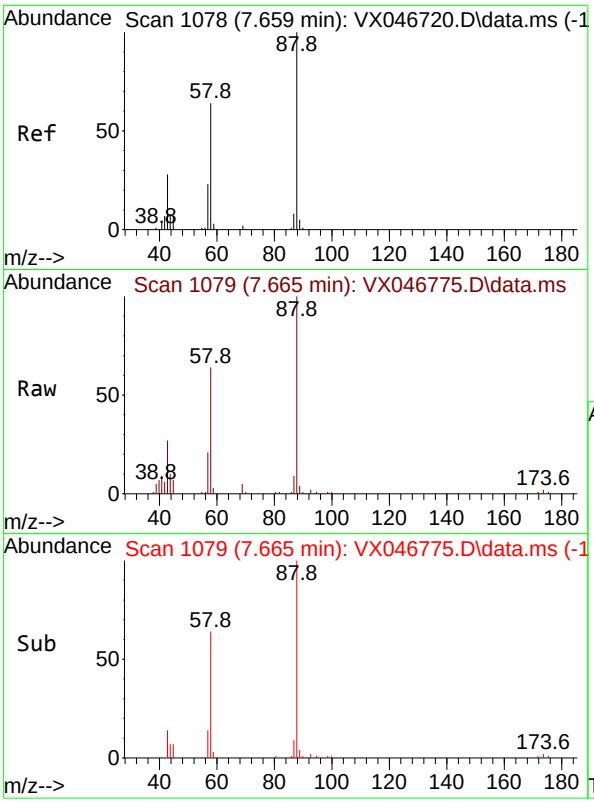


#48
Methyl methacrylate
Concen: 53.494 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 41 Resp: 80176

Ion	Ratio	Lower	Upper
41	100		
69	79.0	63.4	95.2
39	54.7	45.4	68.0



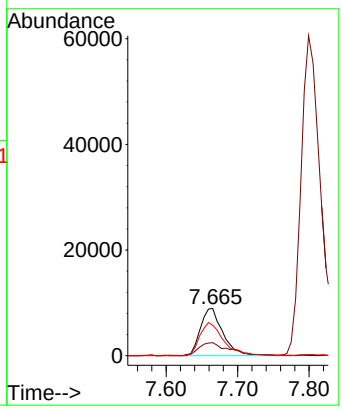


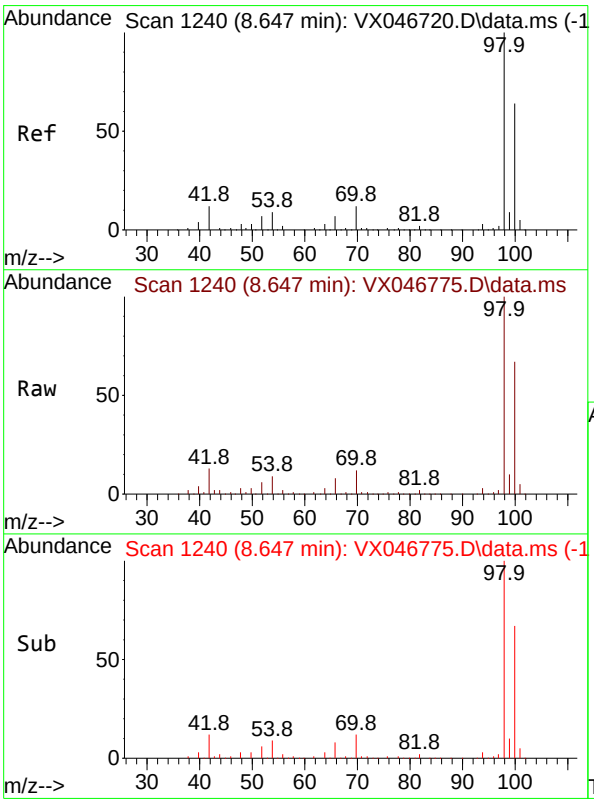
#49
1,4-Dioxane
Concen: 894.415 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 19434

Ion	Ratio	Lower	Upper
88	100		
43	36.0	31.2	46.8
58	73.2	54.7	82.1

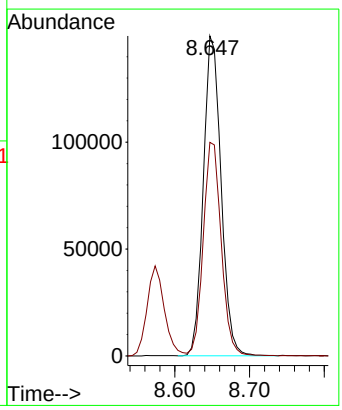


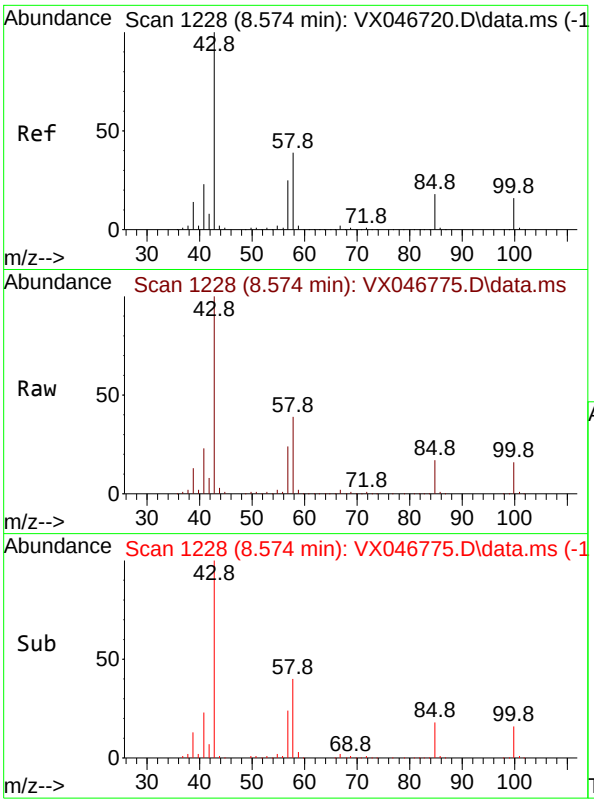


#50
Toluene-d8
Concen: 47.880 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 98 Resp: 246552

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.0	79.4



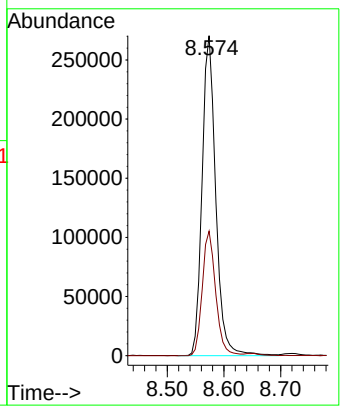


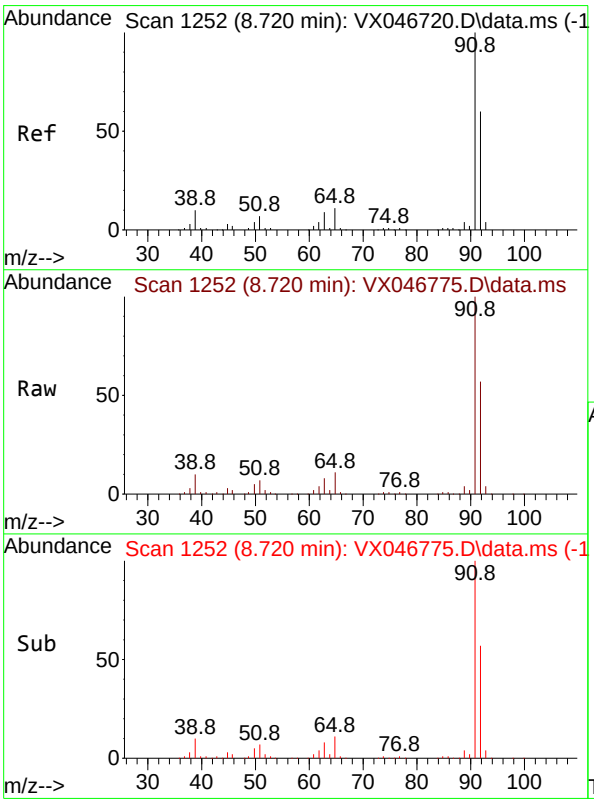
#51
4-Methyl-2-Pentanone
Concen: 254.472 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 453562

Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.8	46.2

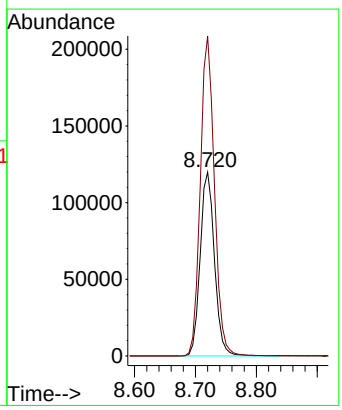


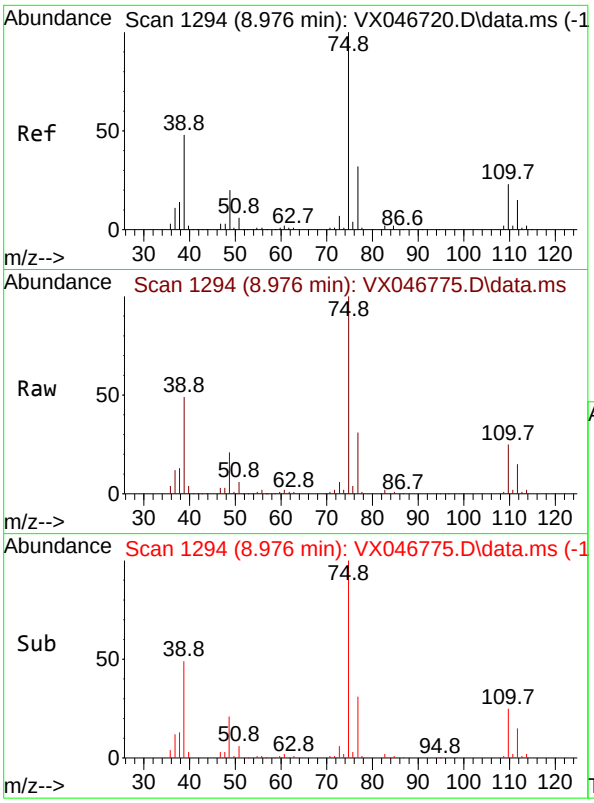


#52
Toluene
Concen: 51.477 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 92 Resp: 195403

Ion	Ratio	Lower	Upper
92	100		
91	172.1	134.8	202.2



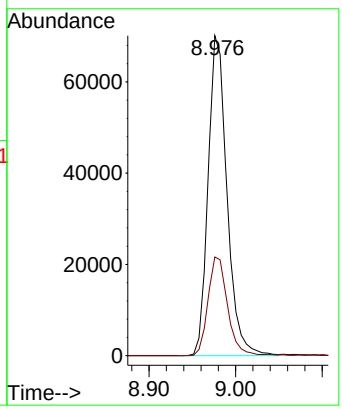


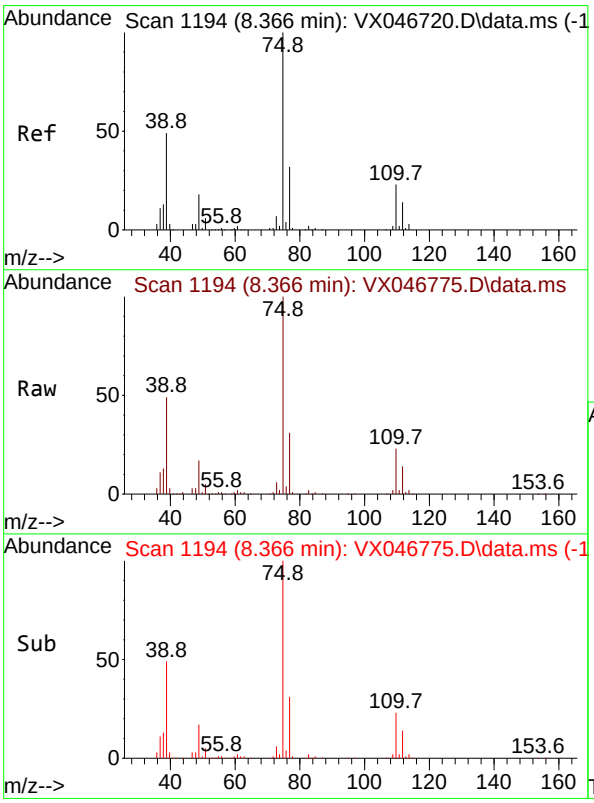
#53
t-1,3-Dichloropropene
Concen: 51.427 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 106195

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.6	38.4

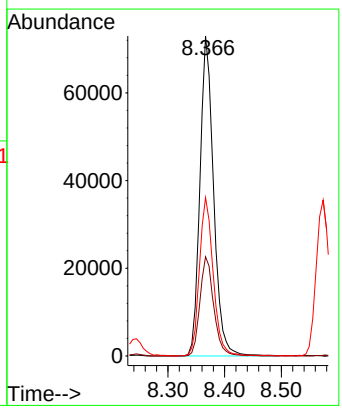


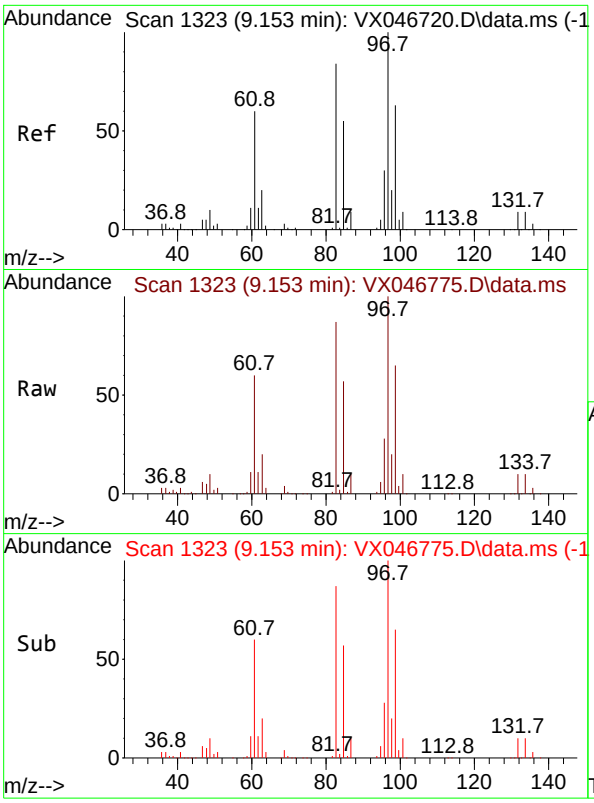


#54
cis-1,3-Dichloropropene
Concen: 52.254 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 75 Resp: 122494

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9
39	48.8	39.2	58.8



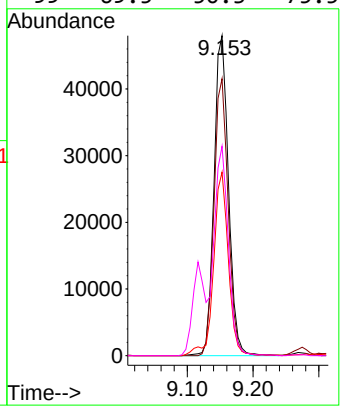


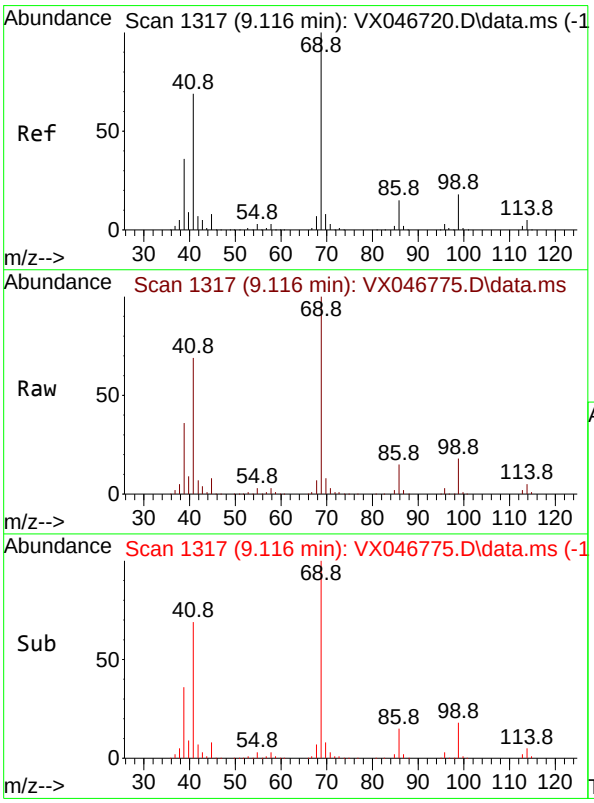
#55
1,1,2-Trichloroethane
Concen: 51.978 ug/l
RT: 9.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 73528

Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.2	100.8
85	57.4	44.1	66.1
99	69.5	50.3	75.5

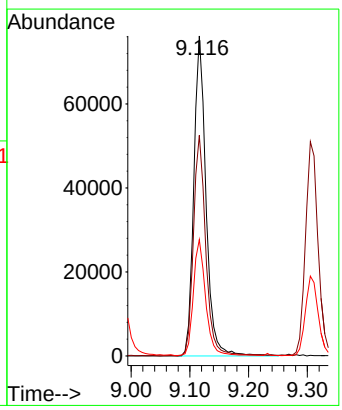


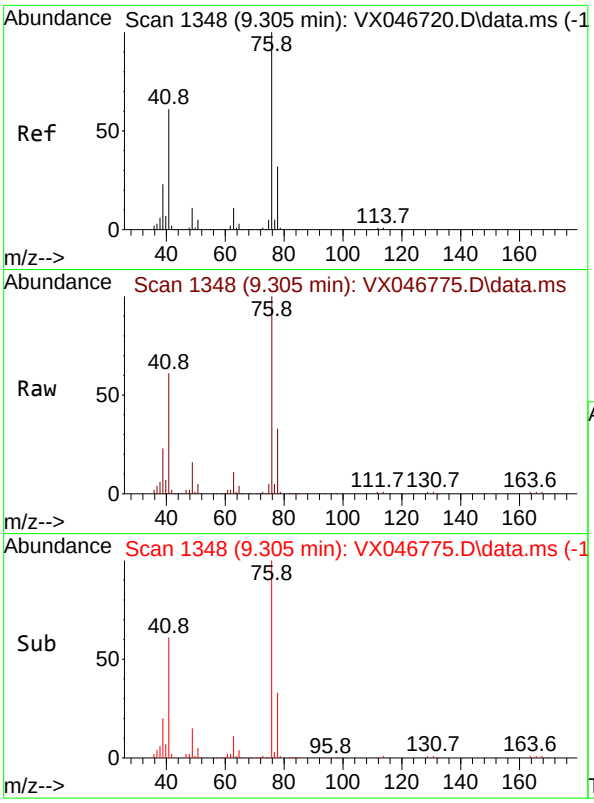


#56
Ethyl methacrylate
Concen: 52.671 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 69 Resp: 109987

Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.4	83.2
39	36.3	29.7	44.5



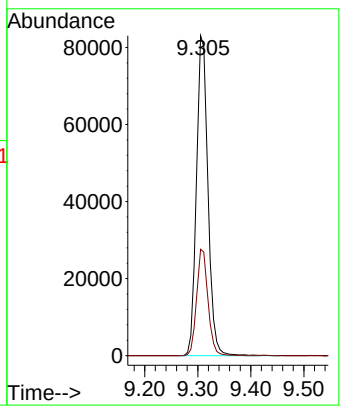


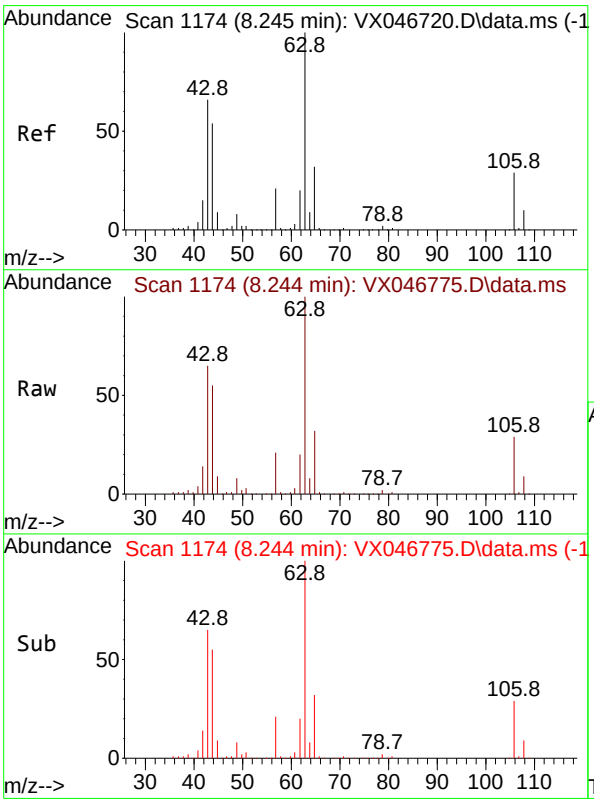
#57
1,3-Dichloropropane
Concen: 51.414 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 125247

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.7	38.5

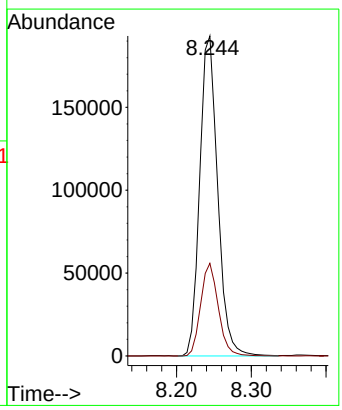


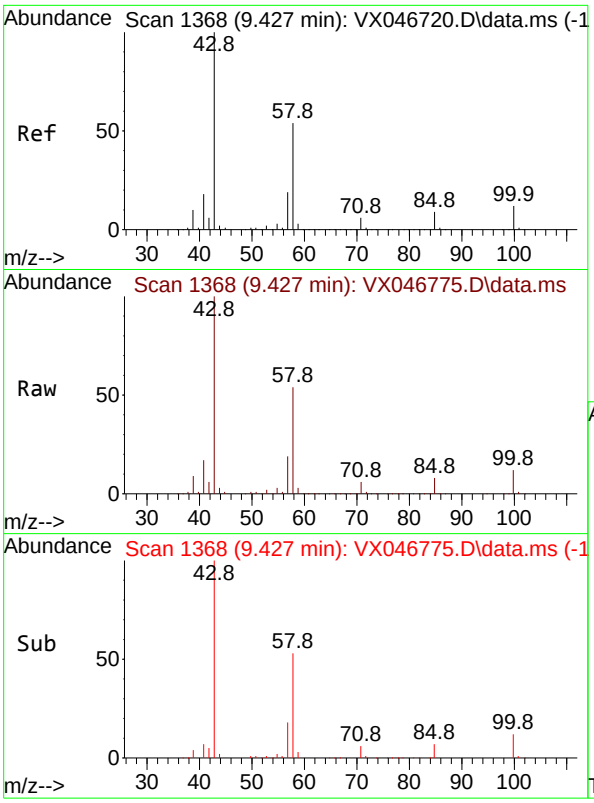


#58
2-Chloroethyl Vinyl ether
Concen: 296.571 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 63 Resp: 321699

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.6	34.0



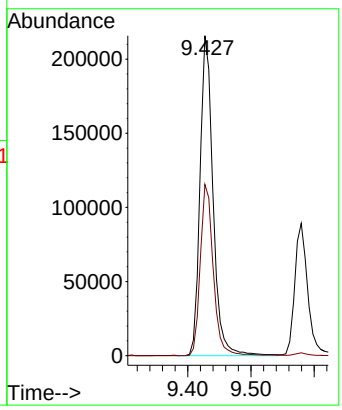


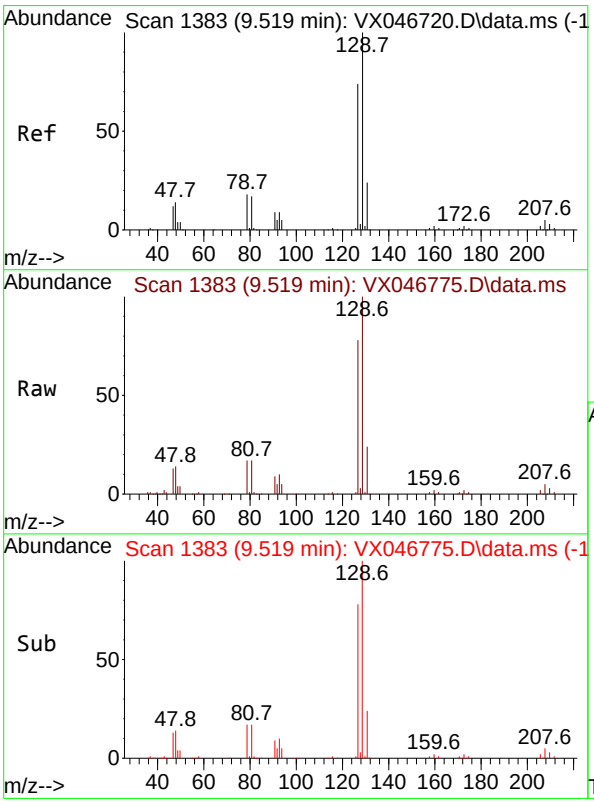
#59
2-Hexanone
Concen: 252.021 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 310545

Ion	Ratio	Lower	Upper
43	100		
58	53.5	26.8	80.4

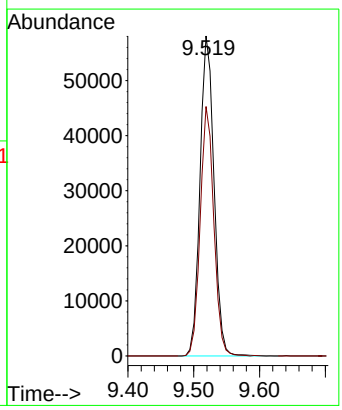


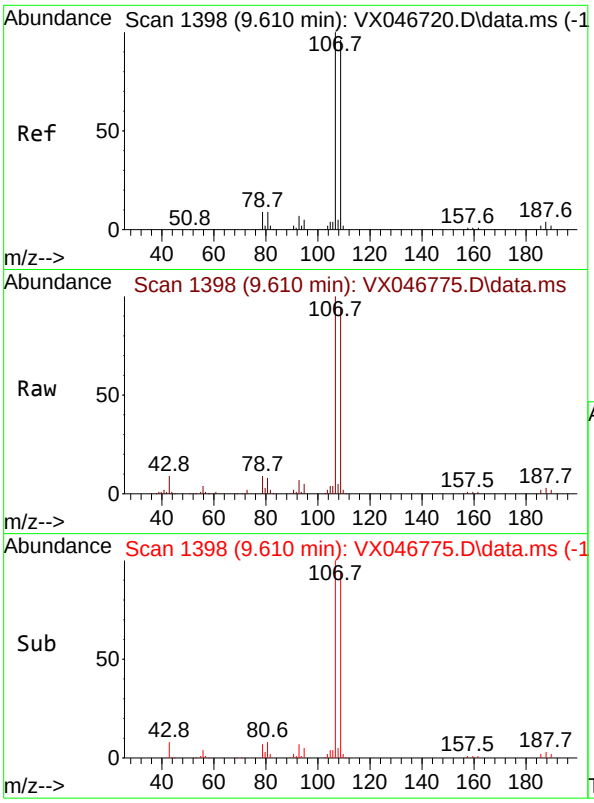


#60
Dibromochloromethane
Concen: 51.500 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:129 Resp: 85854

Ion	Ratio	Lower	Upper
129	100		
127	75.9	38.4	115.2



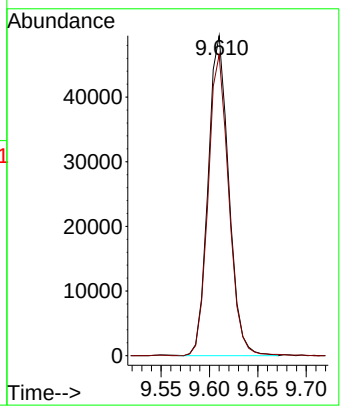


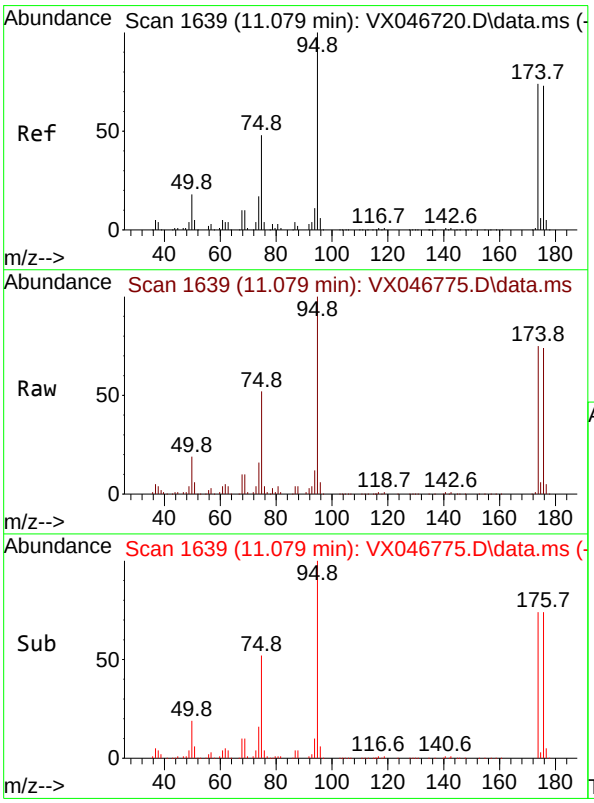
#61
1,2-Dibromoethane
Concen: 51.083 ug/l
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 73504

Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.8	113.6

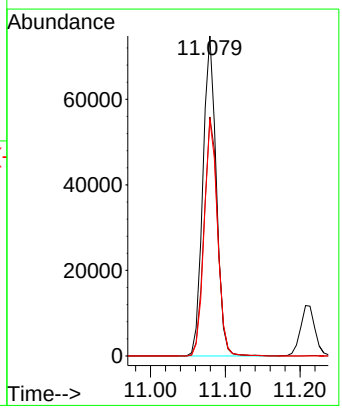


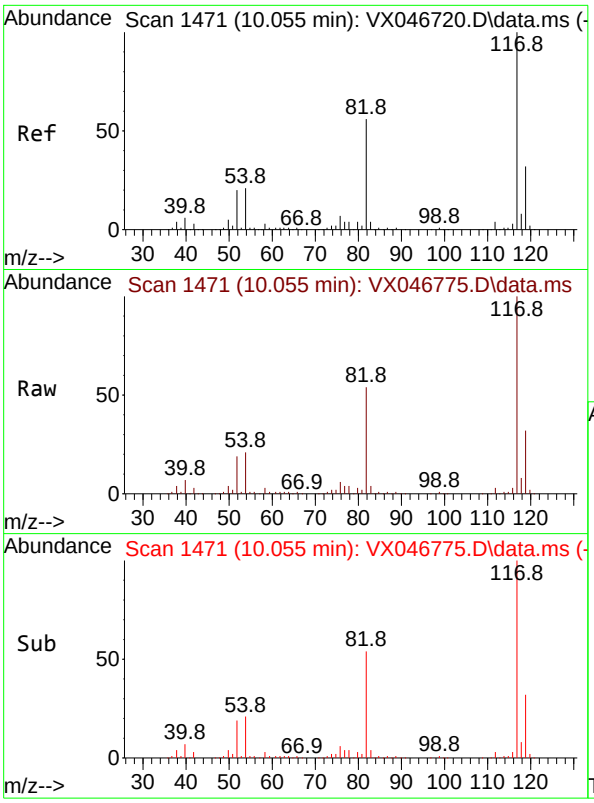


#62
4-Bromofluorobenzene
Concen: 48.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 95 Resp: 93266

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	150.4
176	73.4	0.0	145.0



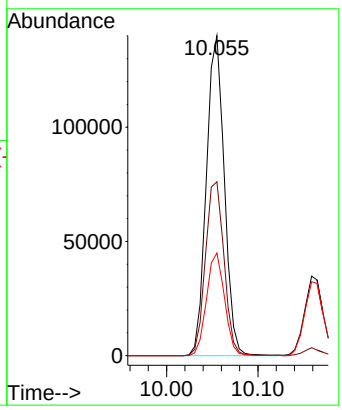


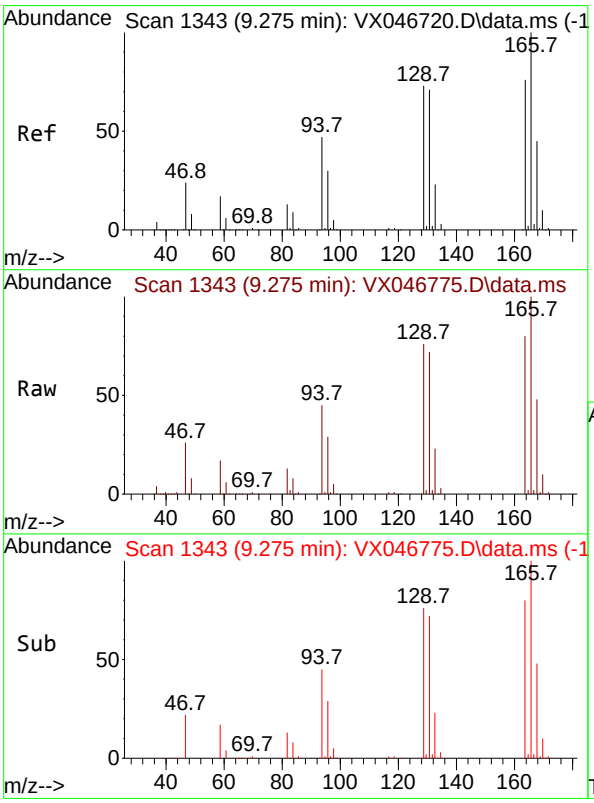
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 190720

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	66.8
119	32.1	25.8	38.8

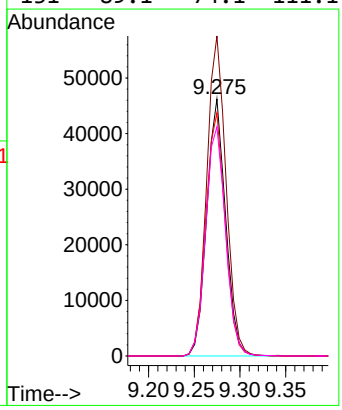


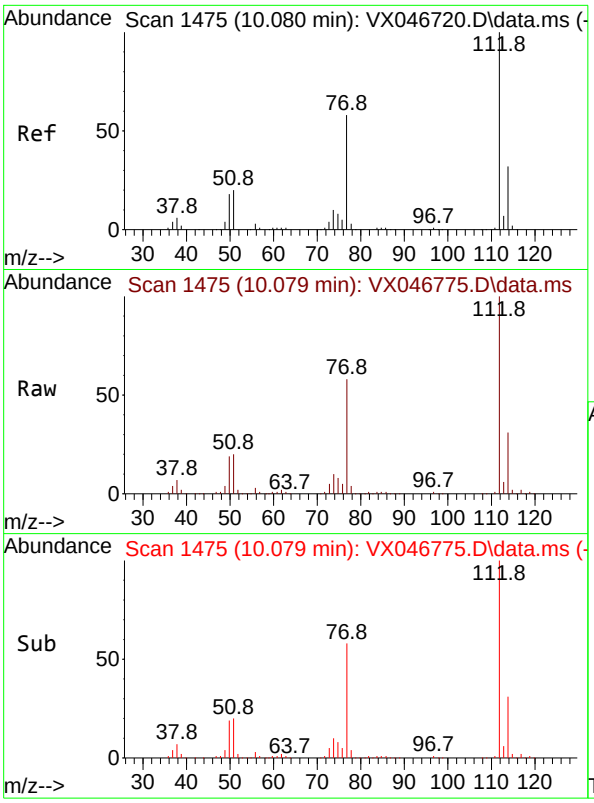


#64
Tetrachloroethene
Concen: 50.181 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:164 Resp: 66307

Ion	Ratio	Lower	Upper
164	100		
166	124.5	104.6	157.0
129	94.6	76.3	114.5
131	89.1	74.1	111.1



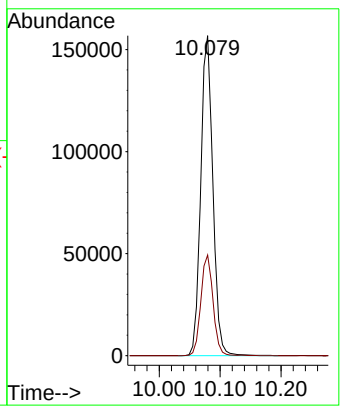


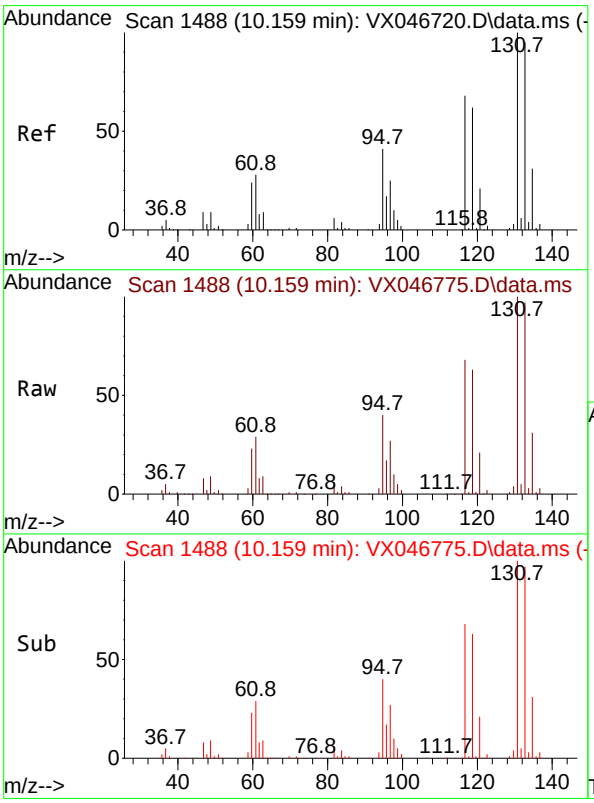
#65
Chlorobenzene
Concen: 51.382 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 216318

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.5	38.3

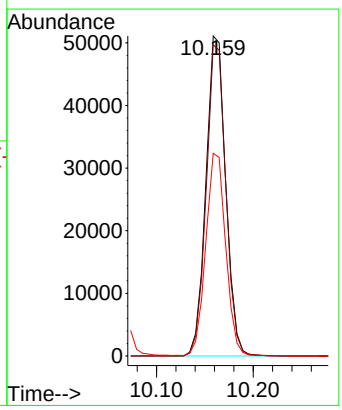


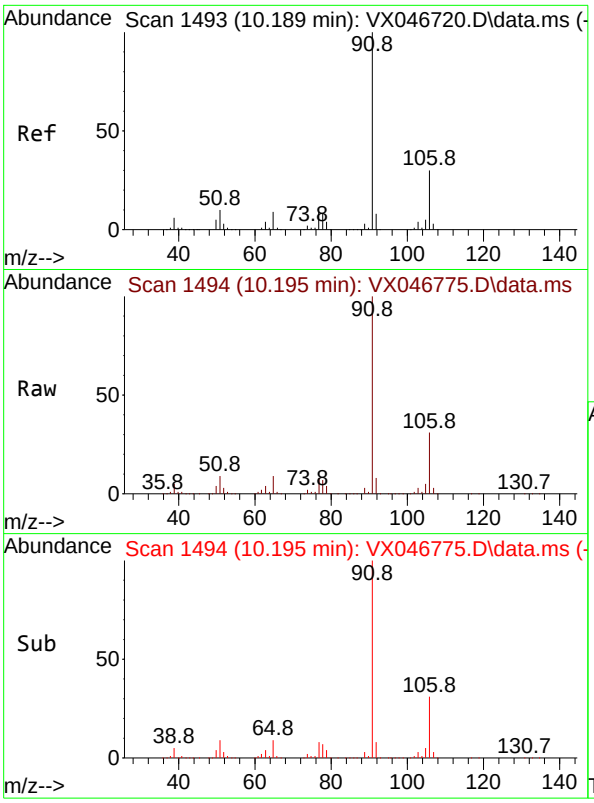


#66
1,1,1,2-Tetrachloroethane
Concen: 51.476 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:131 Resp: 72835

Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.3	141.8
119	63.9	32.1	96.3



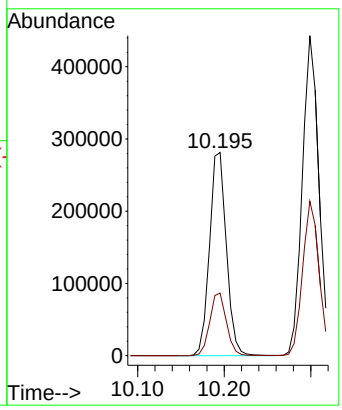


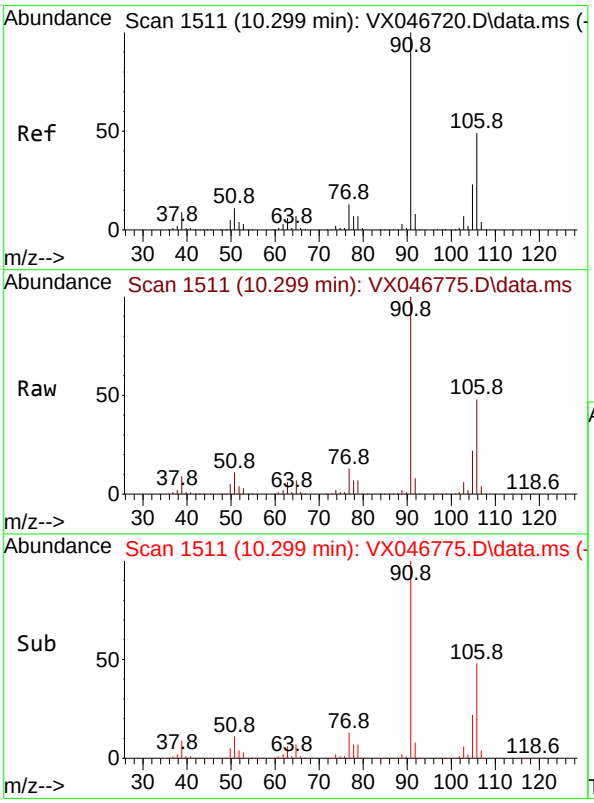
#67
Ethyl Benzene
Concen: 51.722 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 380469

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.2	36.2

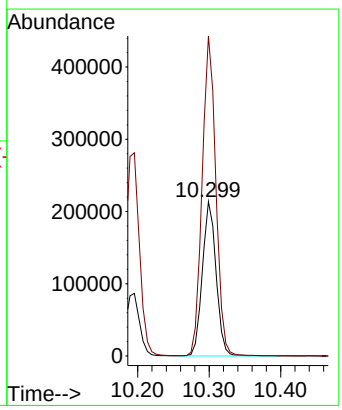


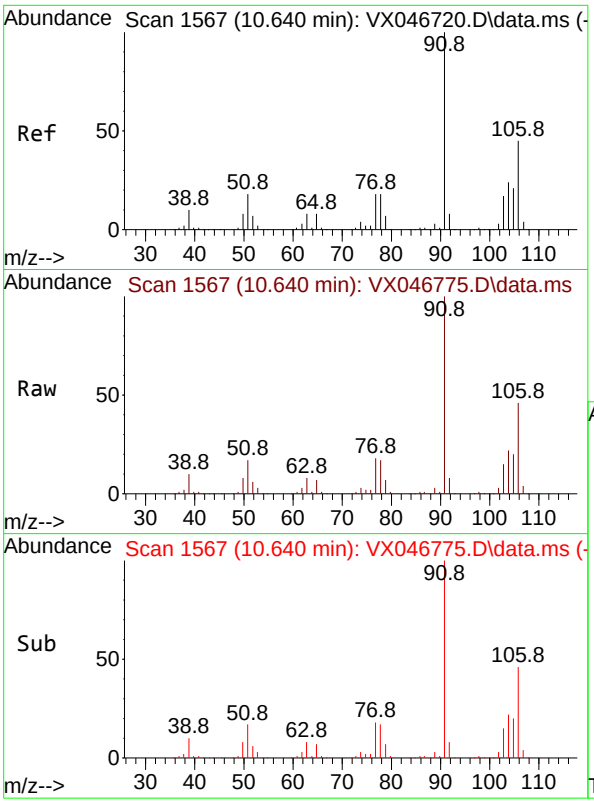


#68
m/p-Xylenes
Concen: 103.739 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:106 Resp: 284342

Ion	Ratio	Lower	Upper
106	100		
91	207.8	164.8	247.2



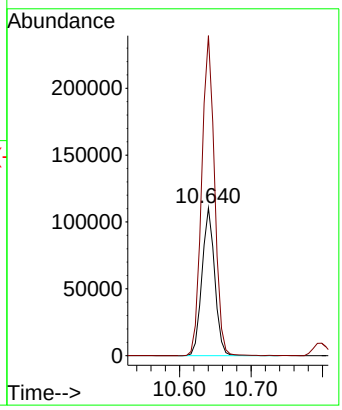


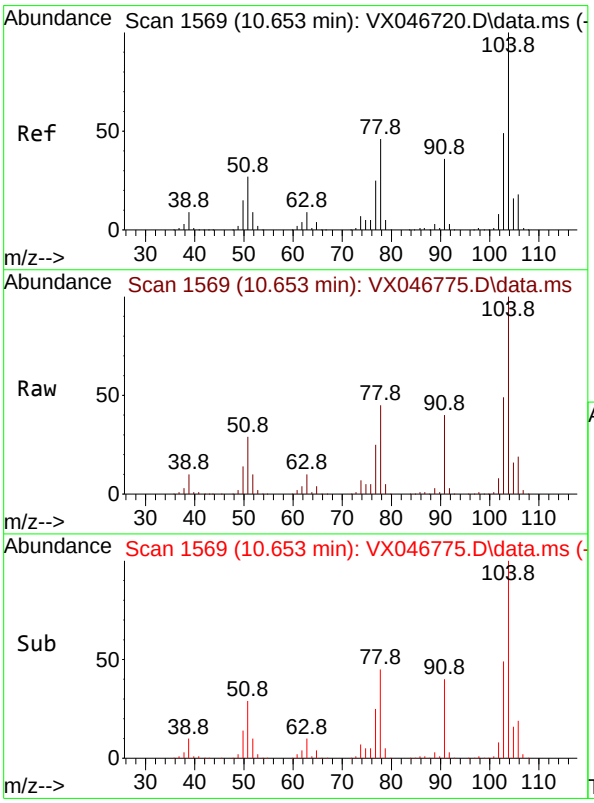
#69
o-Xylene
Concen: 53.151 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 136531

Ion	Ratio	Lower	Upper
106	100		
91	219.1	111.3	333.9

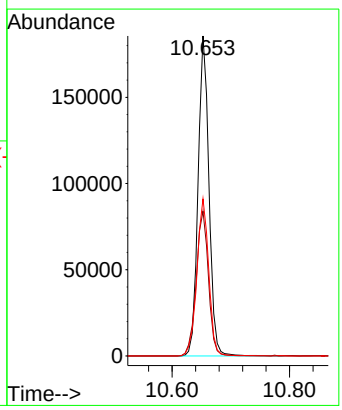


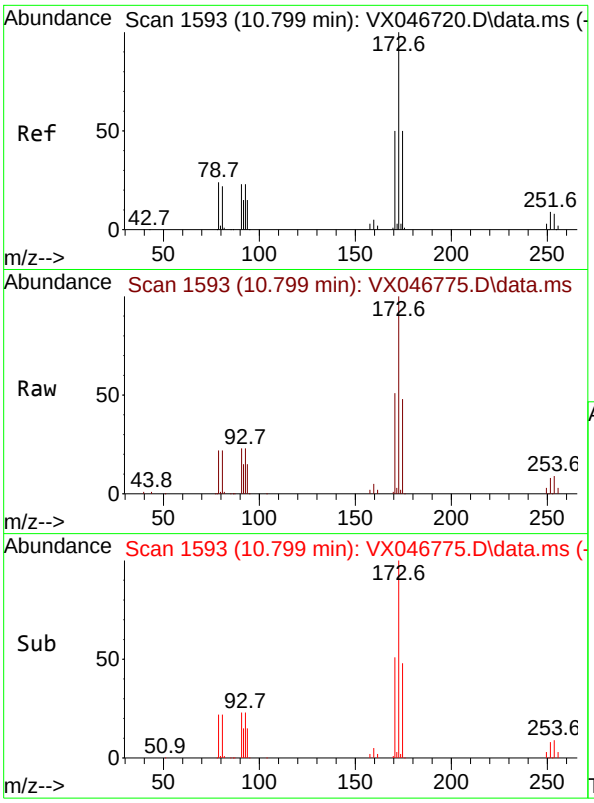


#70
Styrene
Concen: 53.139 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:104 Resp: 238877

Ion	Ratio	Lower	Upper
104	100		
78	51.0	41.4	62.2
103	53.6	43.1	64.7



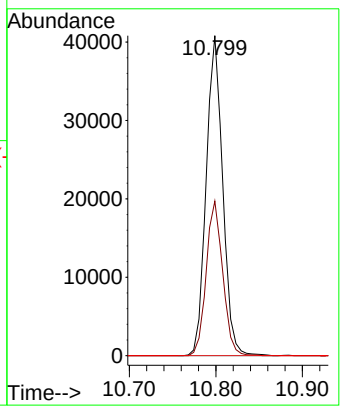


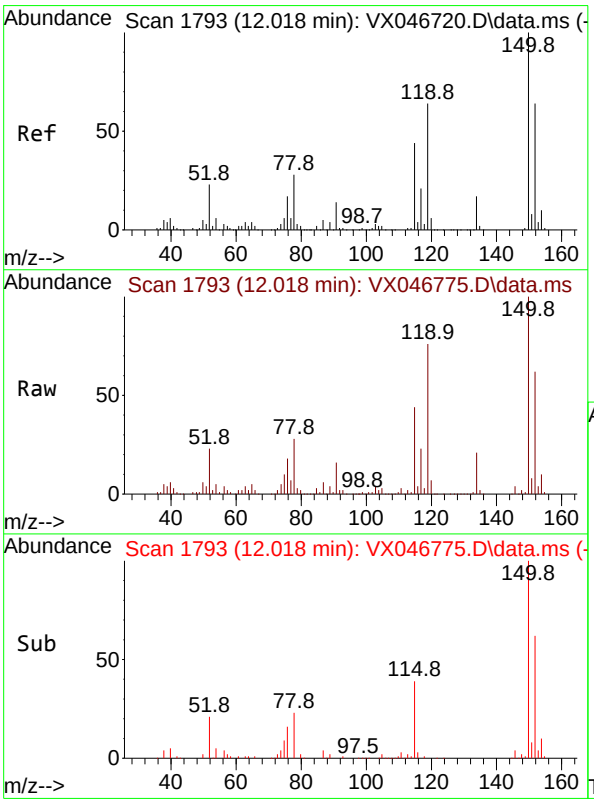
#71
Bromoform
Concen: 50.164 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 54055

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.1	0.1#

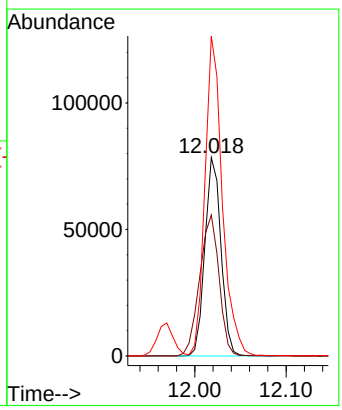


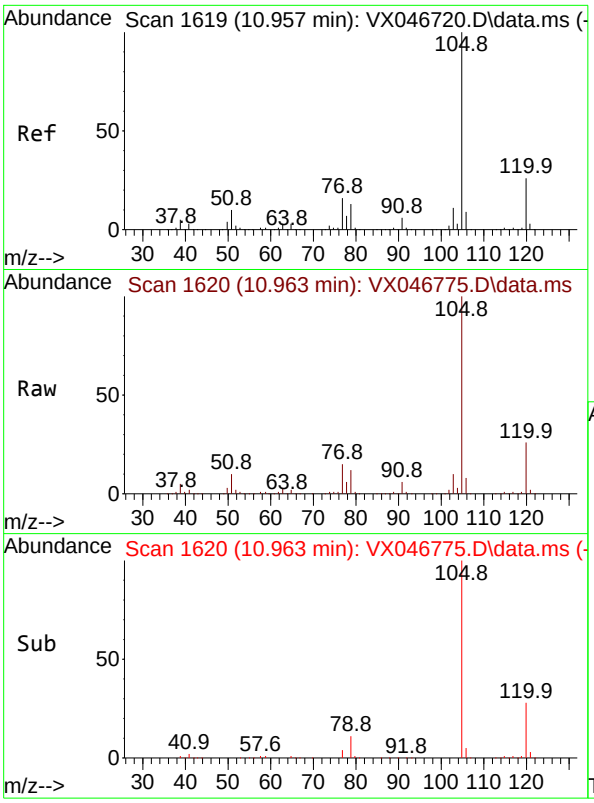


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:152 Resp: 95668

Ion	Ratio	Lower	Upper
152	100		
115	85.8	43.2	129.6
150	173.3	0.0	346.8



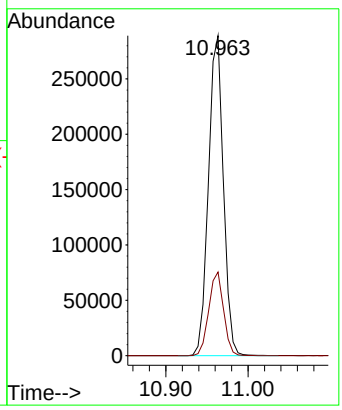


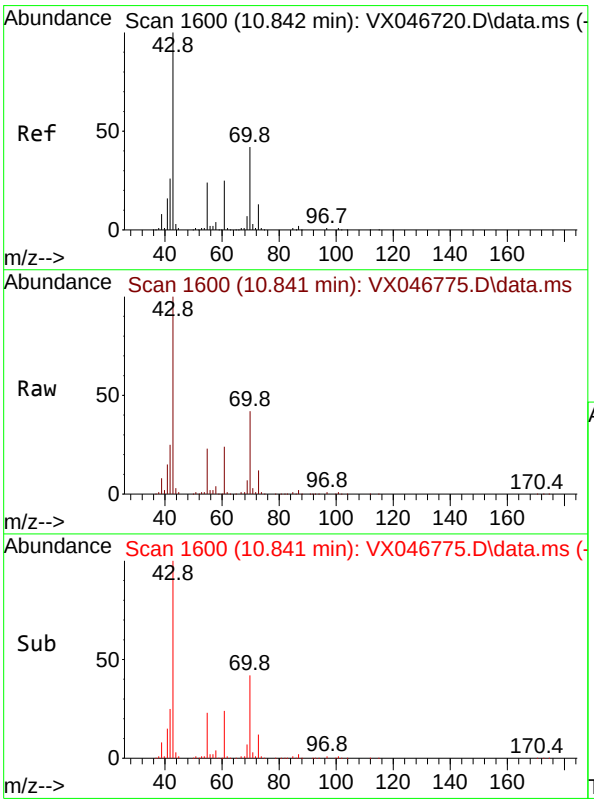
#73
Isopropylbenzene
Concen: 51.780 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 364838

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	39.0

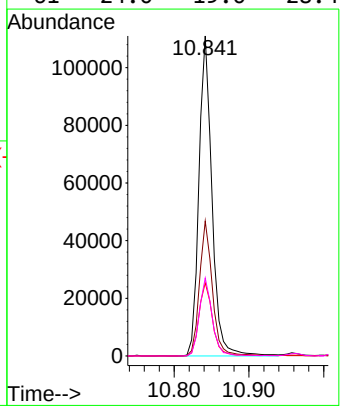


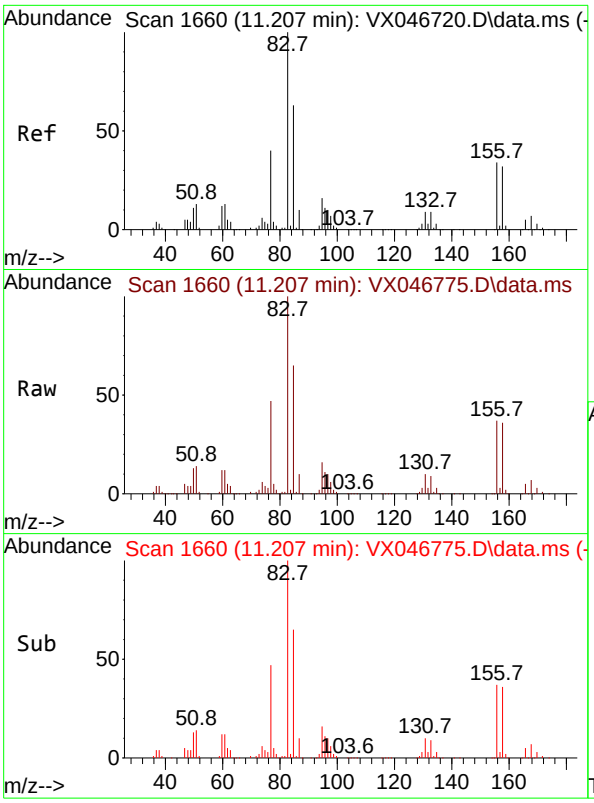


#74
N-amyl acetate
Concen: 50.472 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 134737

Ion	Ratio	Lower	Upper
43	100		
70	42.0	33.4	50.0
55	24.0	19.1	28.7
61	24.0	19.0	28.4



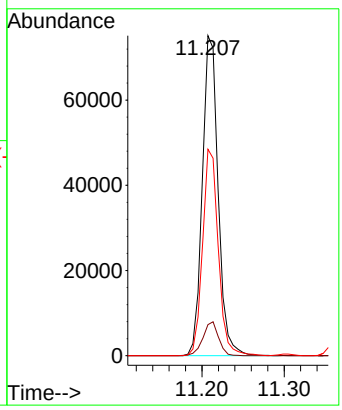


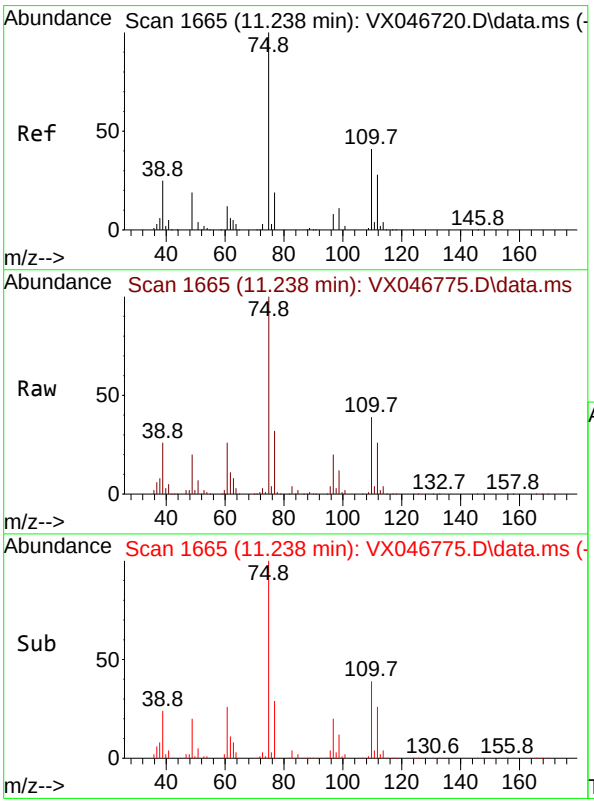
#75
1,1,2,2-Tetrachloroethane
Concen: 50.908 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 100156

Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.9	14.6
85	64.3	32.0	96.0

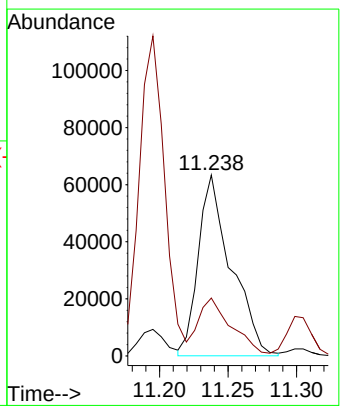


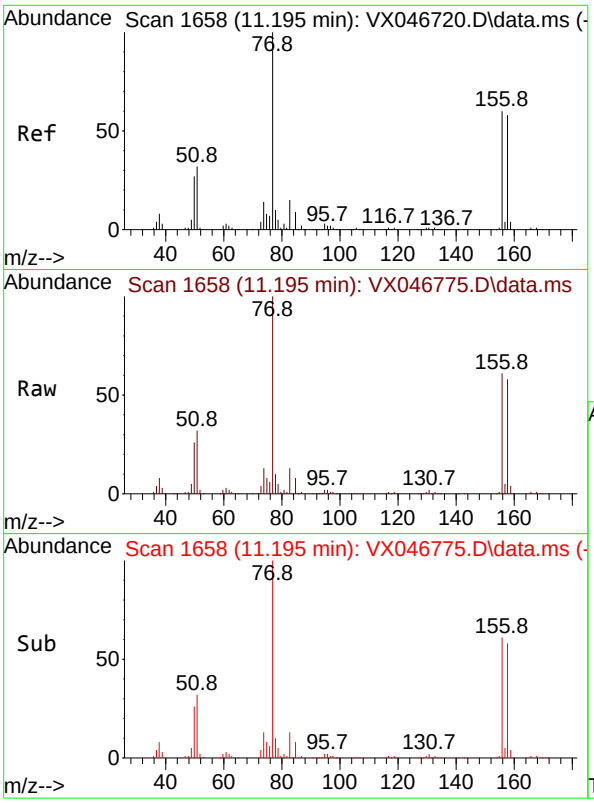


#76
1,2,3-Trichloropropane
Concen: 60.421 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 75 Resp: 105868

Ion	Ratio	Lower	Upper
75	100		
77	32.6	18.5	55.5



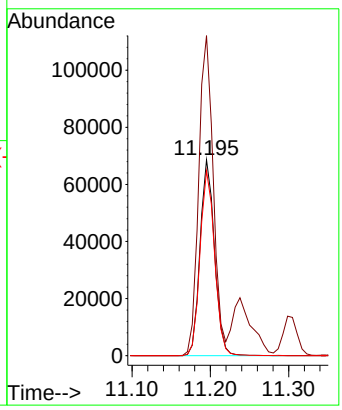


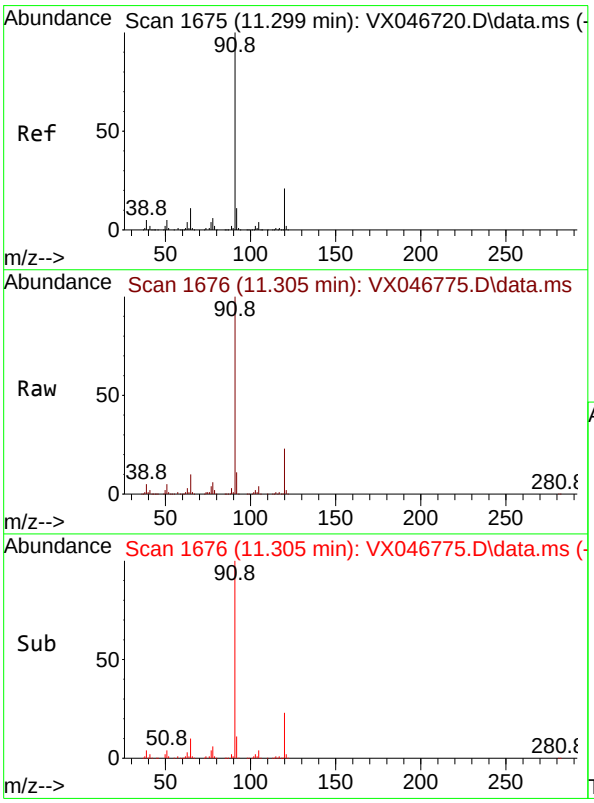
#77
Bromobenzene
Concen: 51.813 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 87850

Ion	Ratio	Lower	Upper
156	100		
77	164.9	82.8	248.6
158	95.3	47.6	142.9

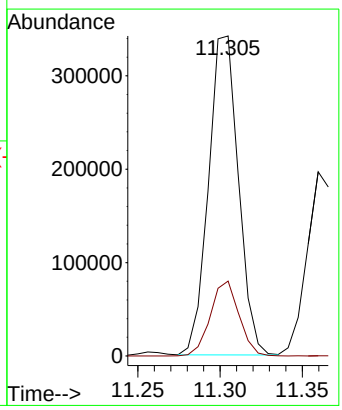


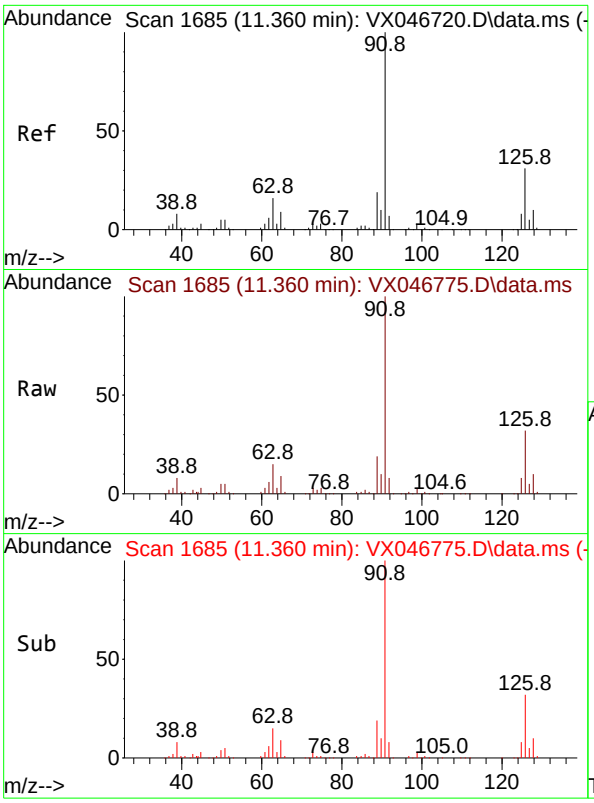


#78
n-propylbenzene
Concen: 51.735 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 91 Resp: 432963

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.1



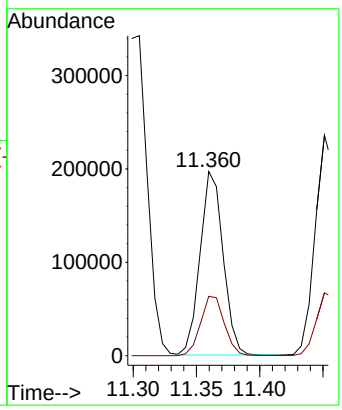


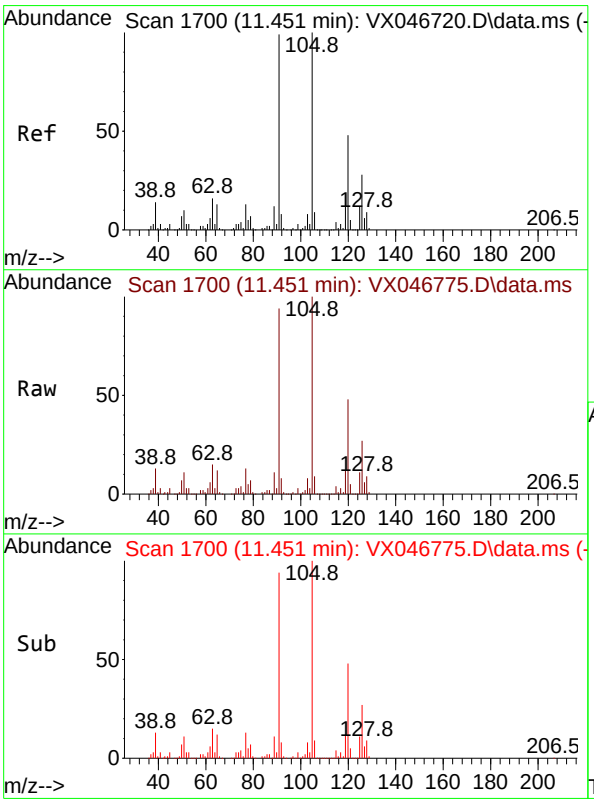
#79
2-Chlorotoluene
Concen: 49.914 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 249407

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.6	49.7

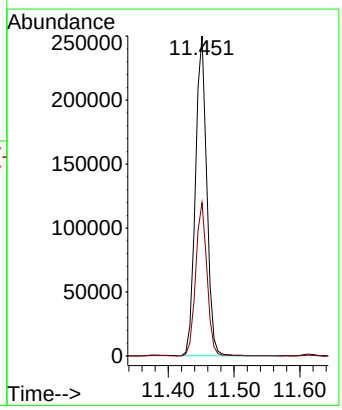


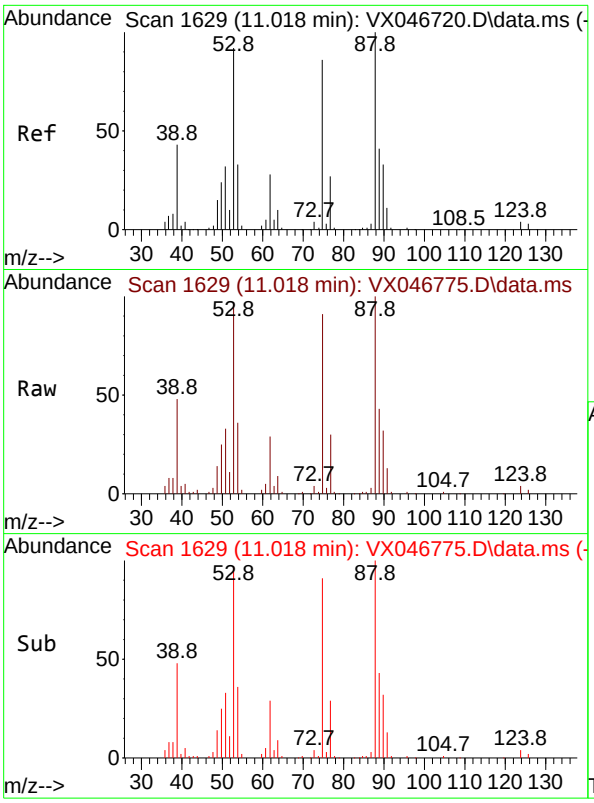


#80
1,3,5-Trimethylbenzene
Concen: 51.570 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:105 Resp: 298594

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.1	72.2



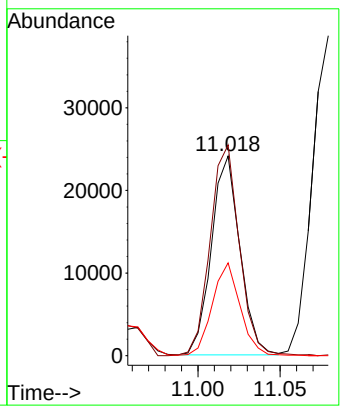


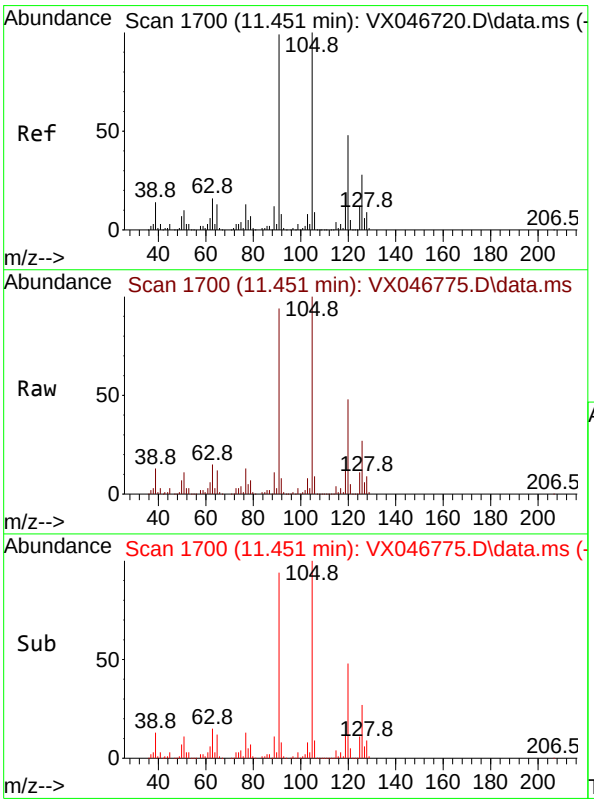
#81
trans-1,4-Dichloro-2-butene
Concen: 47.021 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 29148

Ion	Ratio	Lower	Upper
75	100		
53	108.3	86.8	130.2
89	45.6	36.9	55.3

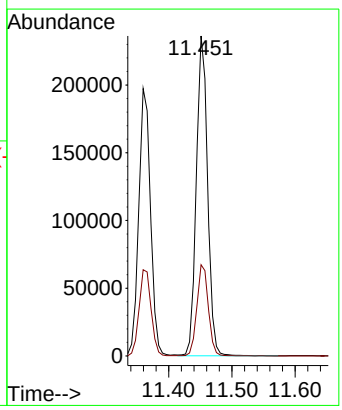


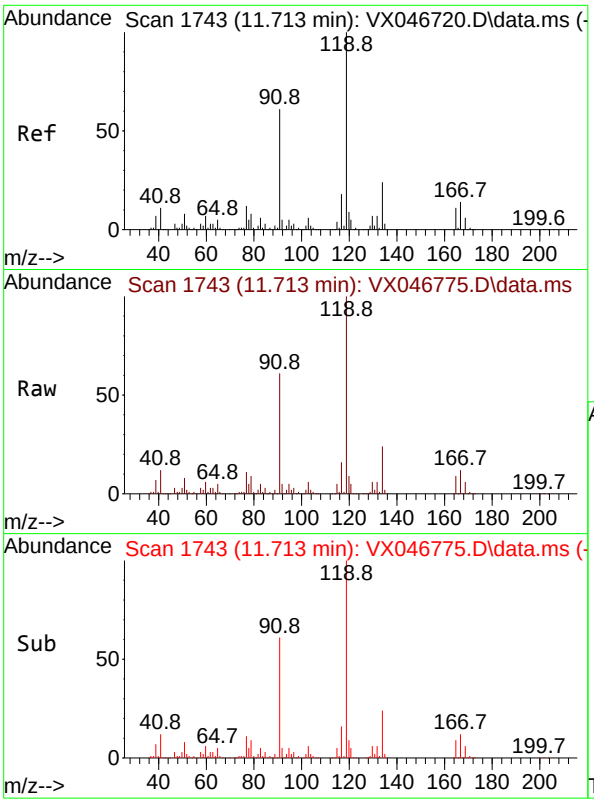


#82
4-Chlorotoluene
Concen: 50.293 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 91 Resp: 293281

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.4	43.2



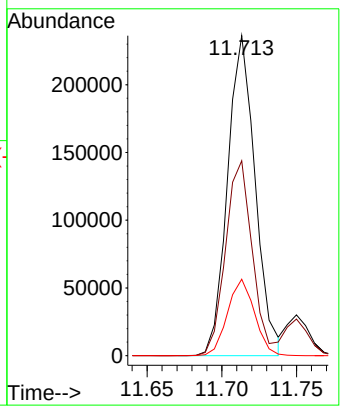


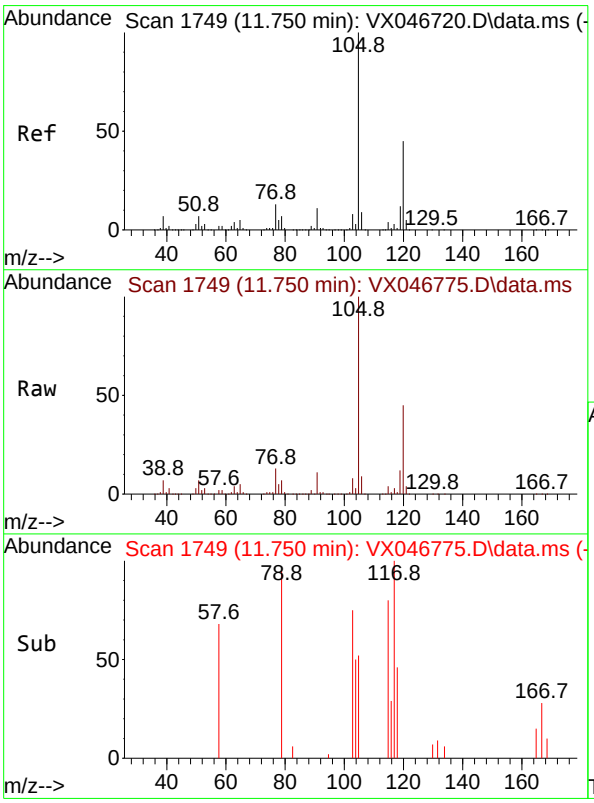
#83
tert-Butylbenzene
Concen: 50.825 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 304194

Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.5	88.6
134	23.4	11.7	35.0

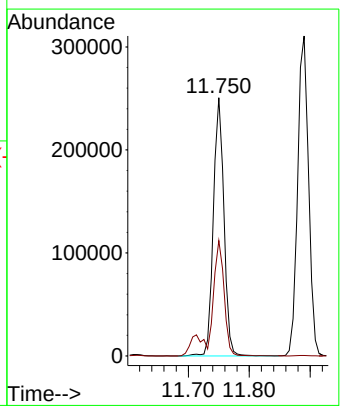


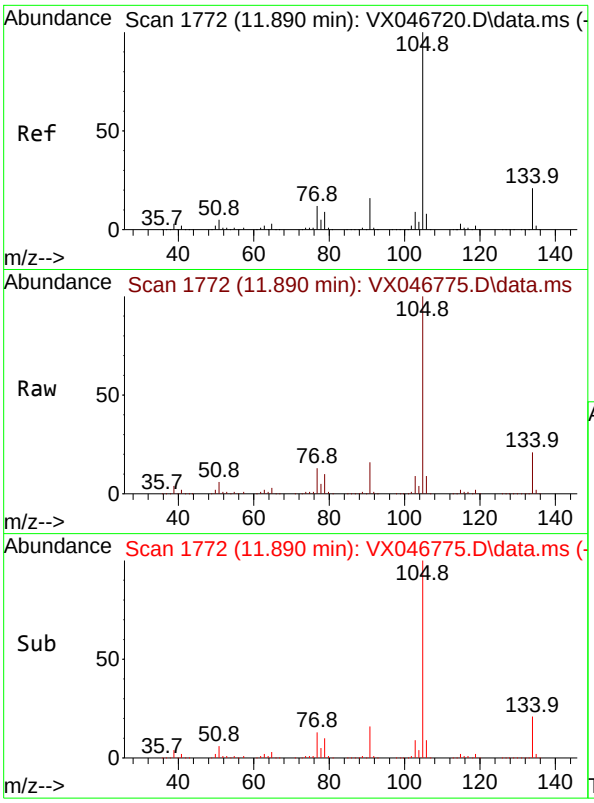


#84
1,2,4-Trimethylbenzene
Concen: 51.927 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:105 Resp: 302076

Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.1	66.3



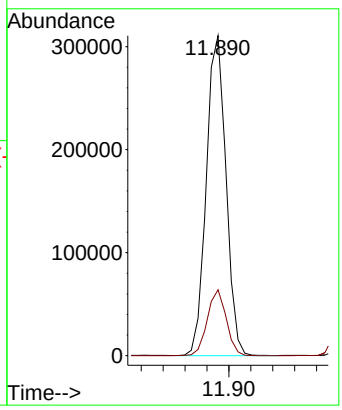


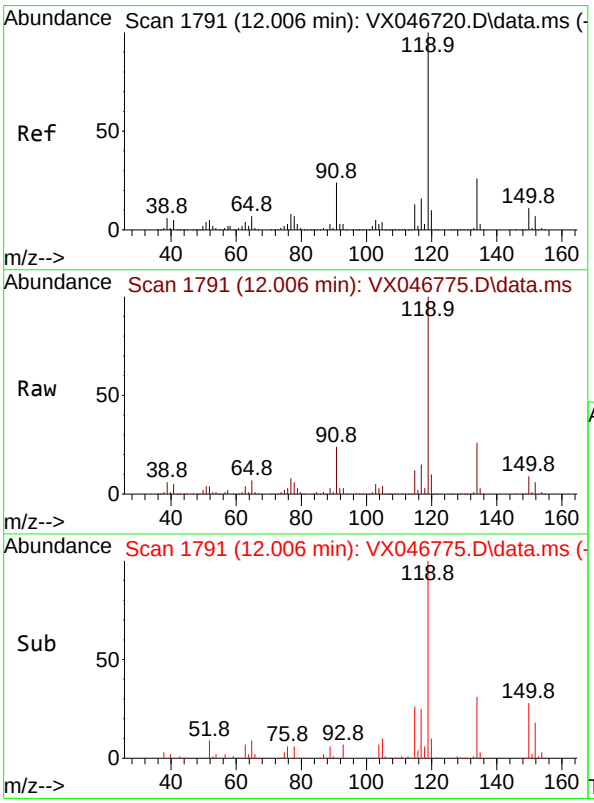
#85
sec-Butylbenzene
Concen: 51.281 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 387895

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4

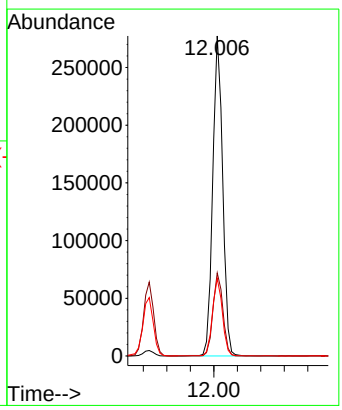


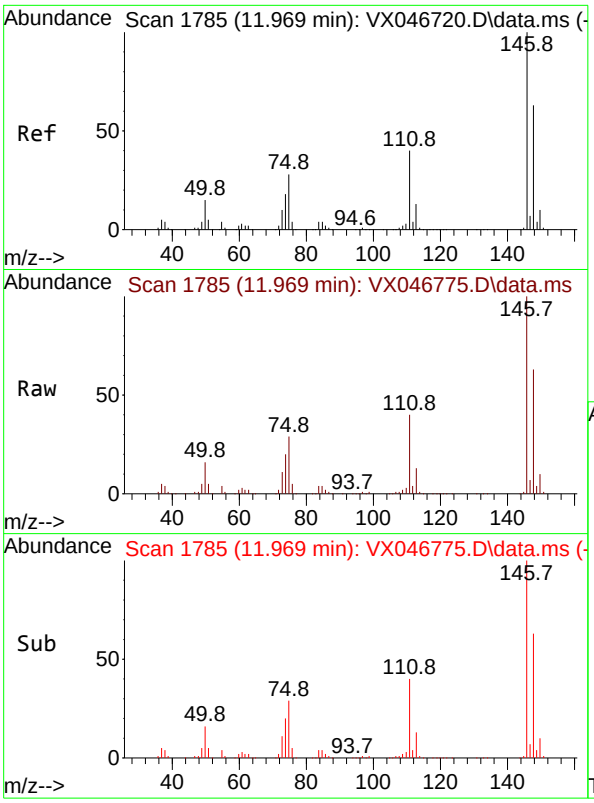


#86
p-Isopropyltoluene
Concen: 51.067 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:119 Resp: 325914

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	24.2	12.3	36.9



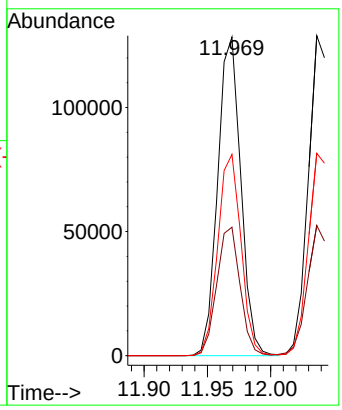


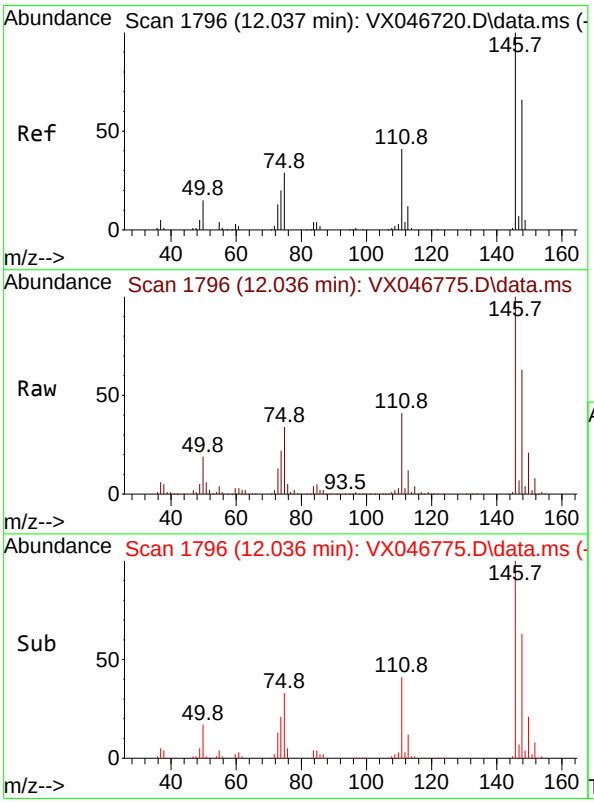
#87
1,3-Dichlorobenzene
Concen: 49.259 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 162851

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	63.7	31.6	94.8

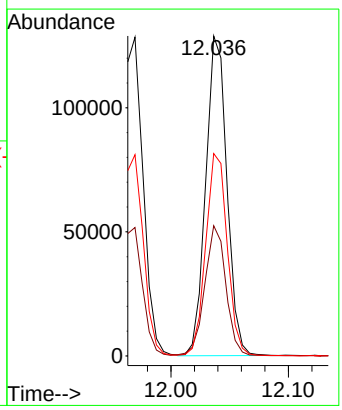


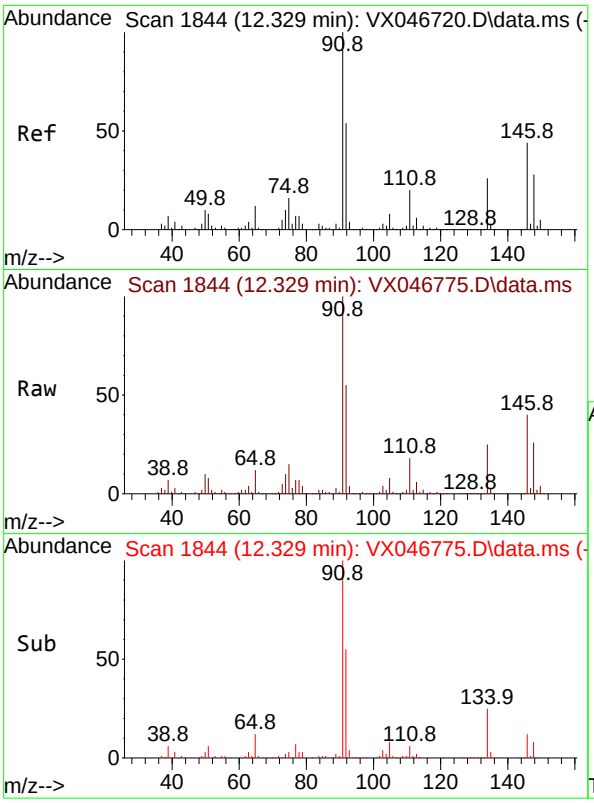


#88
1,4-Dichlorobenzene
Concen: 47.505 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:146 Resp: 161313

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	64.9	32.1	96.5



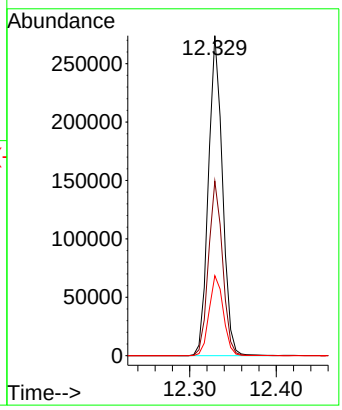


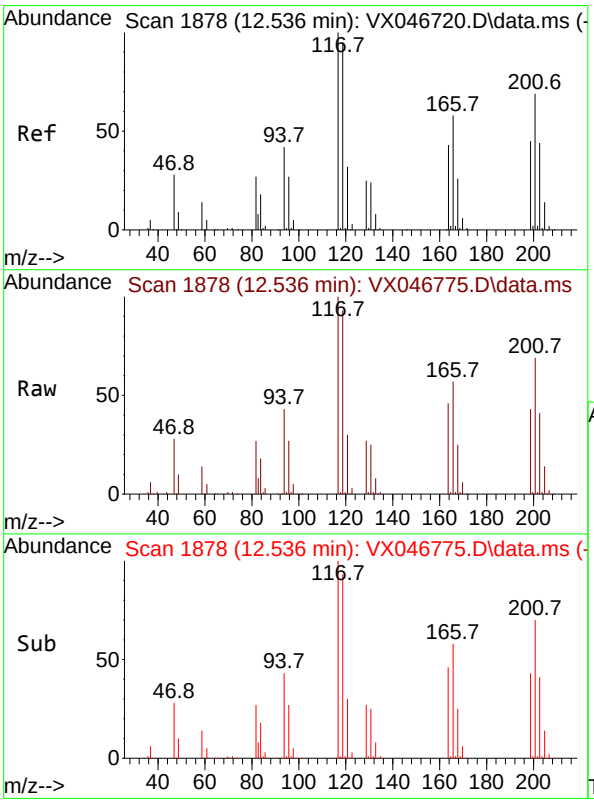
#89
n-Butylbenzene
Concen: 50.967 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 308844

Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.3
134	25.4	12.9	38.6

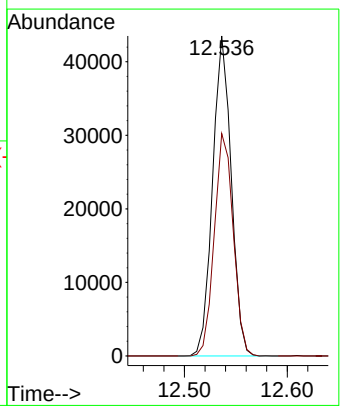


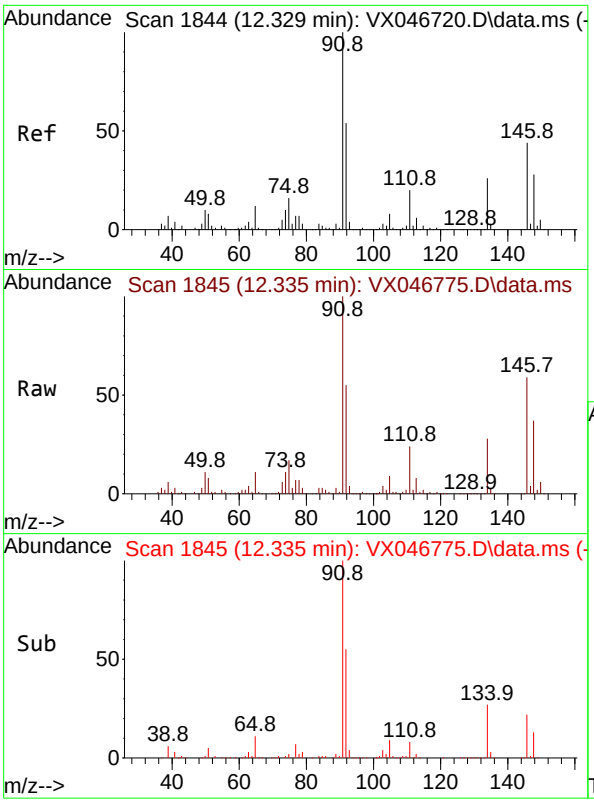


#90
Hexachloroethane
Concen: 48.908 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:117 Resp: 54659

Ion	Ratio	Lower	Upper
117	100		
201	70.7	34.4	103.3



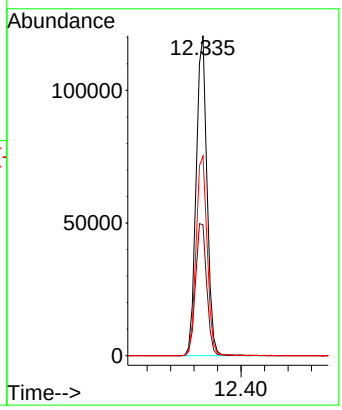


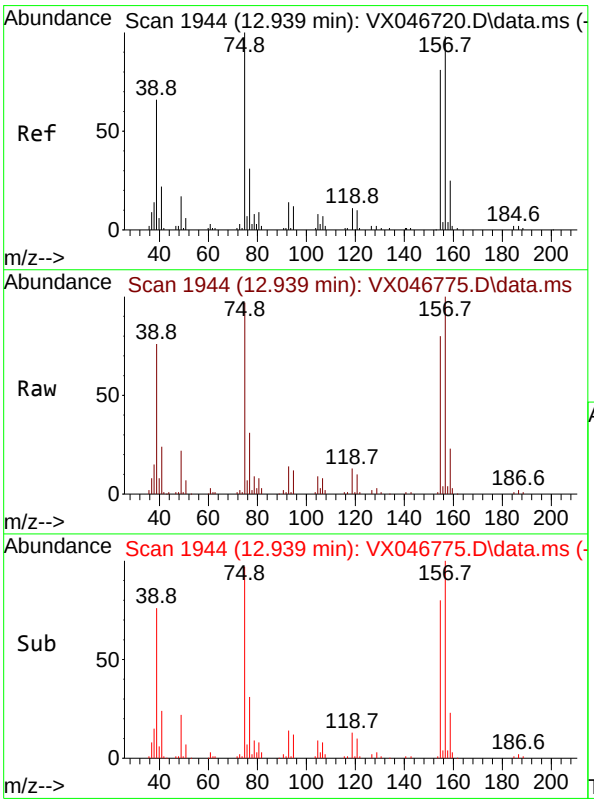
#91
1,2-Dichlorobenzene
Concen: 50.145 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 154918

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.7	65.1
148	64.1	32.0	96.2

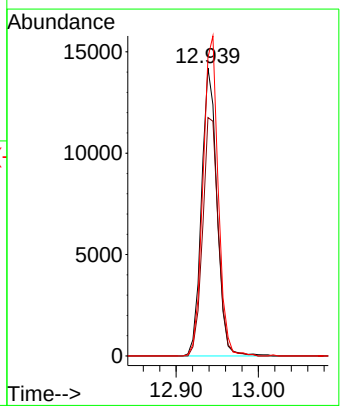


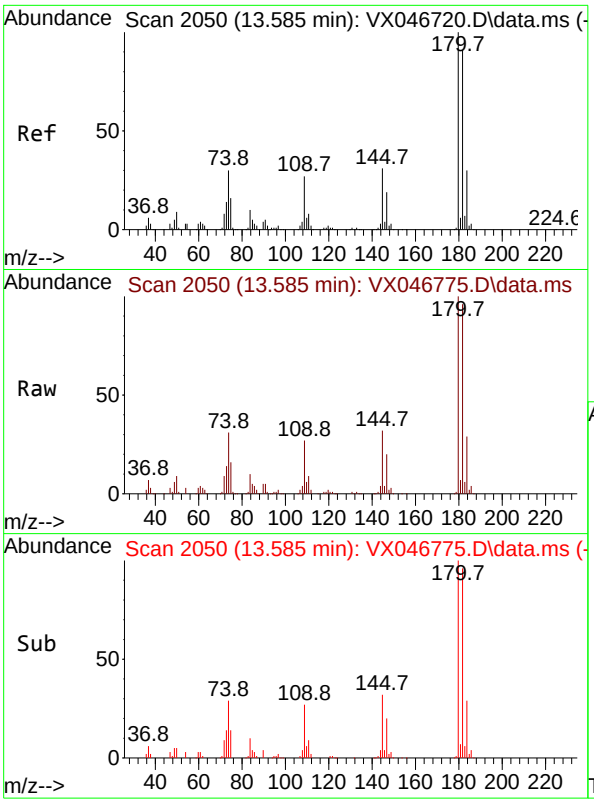


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.738 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 75 Resp: 18542

Ion	Ratio	Lower	Upper
75	100		
155	84.1	41.9	125.7
157	109.5	51.4	154.3



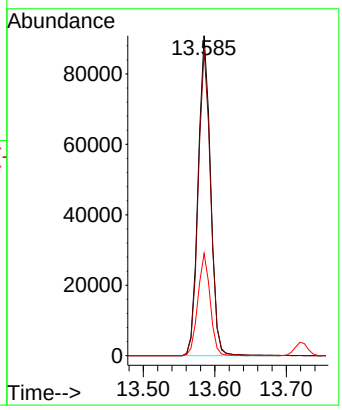


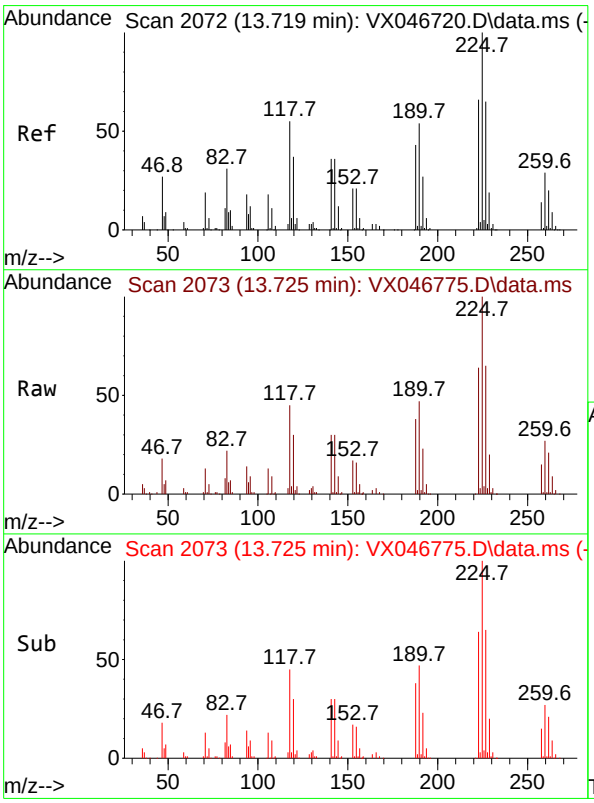
#93
1,2,4-Trichlorobenzene
Concen: 49.769 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 109313

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.7	140.1
145	31.5	15.8	47.4

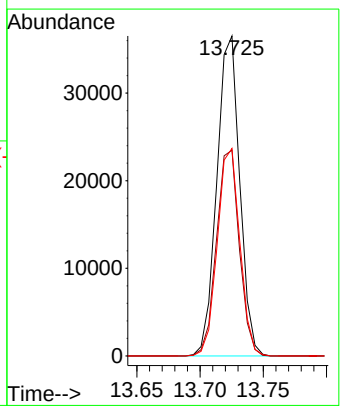


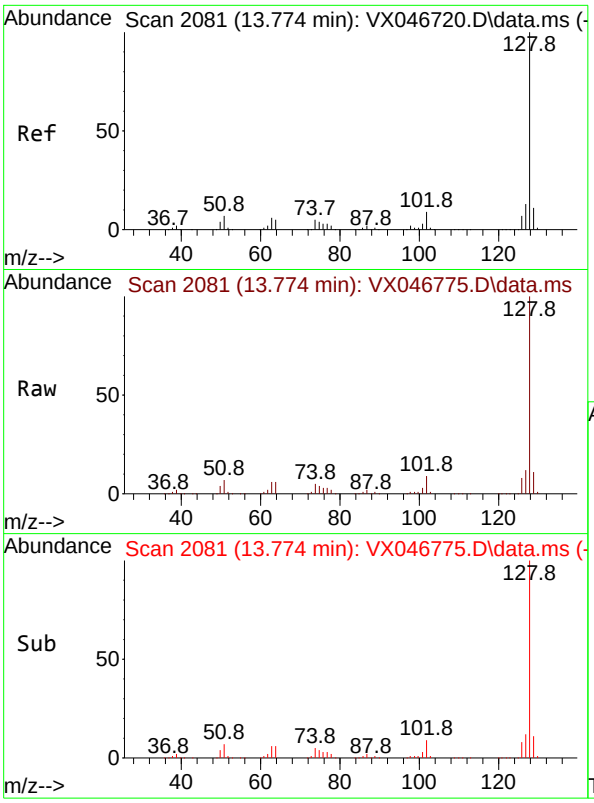


#94
Hexachlorobutadiene
Concen: 49.603 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:225 Resp: 45830

Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.5	97.5
227	63.7	32.2	96.6



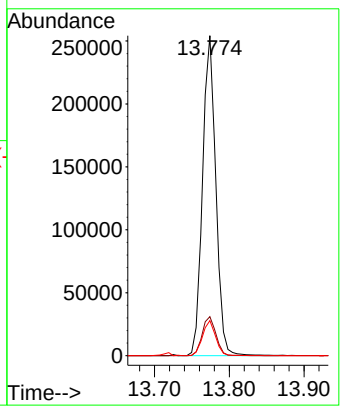


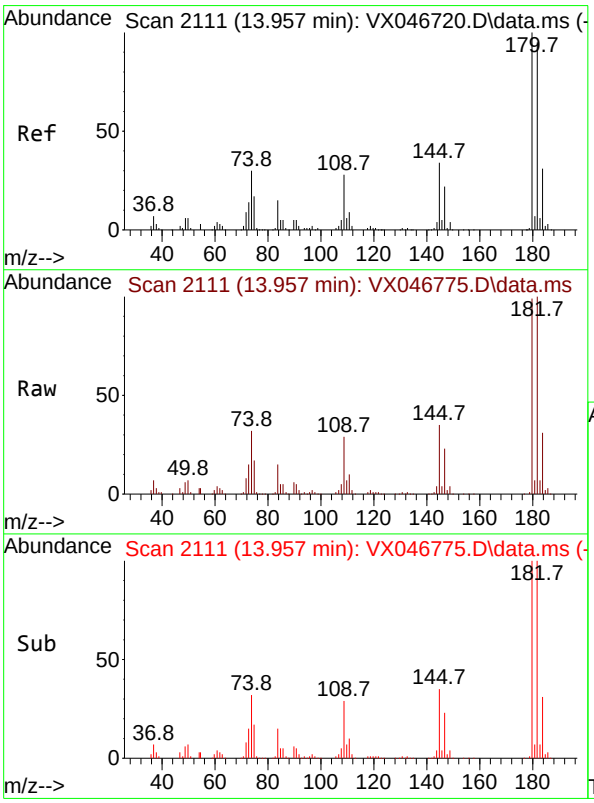
#95
Naphthalene
Concen: 50.093 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 313462

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.9	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 50.228 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:180 Resp: 105543

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.4
145	33.7	17.3	51.9